



MÁS DE 50 AÑOS CON PRODUCTOS DE CALIDAD - MORE THAN 50 YEARS WITH QUALITY PRODUCTS
HA MAIS DE 50 ANOS COM PRODUTOS DE QUALIDADE.



2012/2013

Catálogo de Impulsores de Partida

*Catálogo de Impulsores de Arranque
Starter Drives Catalogue*



Missão: Gerar valor na transformação de metais.

Visão: 2009 → 2015 - Triplicar as vendas.

Negócio: Transformar metais em produtos confiáveis.

Misión: Generar valores en la transformación de las metas.

Visión: 2009 → 2015 - Triplicar las ventas.

Negocio: Transformar metas en productos confiables.

Mission: Generate Value In Metal Transformation.

Vision: 2009 → 2015 - Triple the sales.

Business: Transform metals in reliable products.

VALORES

Integridade: Honestidade, transparência e respeito direcionam as nossas ações.

Meio Ambiente: Gerenciamos nossas atividades visando a sustentabilidade ambiental e o bem estar da comunidade.

Colaboradores: Reconhecemos e desenvolvemos nossos colaboradores, buscando sua segurança, alto desempenho e comprometimento.

Inovação: Propiciamos o ambiente para que a criatividade se transforme em melhores produtos, serviços e processos.

Cientes e Fornecedores: Integridade nas relações, cientes de que o seu sucesso impulsiona o nosso.

Resultado: Objetivamos o lucro que permita o crescimento e o desenvolvimento contínuo da organização.

História

Fundada em 1960, a ZEN mantém-se a meio século em constante crescimento e aprimoramento. Ao longo da sua trajetória aperfeiçoou sua tecnologia para fabricação de componentes de precisão tornando-se um dos maiores fabricantes de impulsores de partida do mundo.

É uma história marcada pelo sucesso devido ao comprometimento de toda a cadeia produtiva e o respeito com a sociedade e com o meio ambiente. A ZEN investe no país gerando empregos, contribuindo para o seu desenvolvimento econômico e tecnológico e vem, com muito empenho e qualidade, provendo o mercado com produtos 100% brasileiros nos maiores centros econômicos do mundo.

Historia

Fundada en 1960, ZEN se mantiene a medio siglo en constante crecimiento y perfeccionamiento. Al largo de su trayectoria perfeccionó su tecnología para fabricación de componentes de precisión, volviéndose uno de los mayores fabricantes de impulsores de partida del mundo.

Es una historia marcada por el éxito debido al comprometimiento de toda la cadena productiva y lo respeto con la sociedad y con el medio ambiente. A ZEN invierte en el país generando empleos, contribuyendo para su desarrollo económico y tecnológico y viene, con mucho empeño y calidad, probando el mercado con productos 100% brasileños en los mayores centros económicos del mundo.

History

Founded in 1960, ZEN is in continuous growth and improvement for a half century. During its history the technology was improved in order to manufacture precision components and to become one of the leading starter drive manufacturers in the world. It is a history highlighted by success due to the accomplishment with the whole productive chain and respect with the society and environment. ZEN invests in the country generating employment, contributing to the technological and economical development and along with lots of efforts and quality, providing the world's greatest economical center markets with 100% made in Brazil products.



VALORES

Integridad: Honestidad, transparencia y respeto dirigen nuestras acciones.

Medio Ambiente: Controlamos nuestras actividades visando a sustentabilidad ambiental y el bien estar de la comunidad.

Colaboradores: Reconocemos y desarrollamos nuestros colaboradores, buscando su seguridad, alto desempeño y comprometimiento.

Innovación: Propiciamos el ambiente para que la creatividad se transforme en mejores productos, servicios y procesos.

Cientes y Proveedores: Integridad en las relaciones, sabedores de que su éxito impulsa el nuestro.

Resultado: Objetivamos el ganancia que permita el crecimiento y el desarrollo continuo de la organización.

VALUES

Integrity: Honesty, transparency and respect guide our actions.

Environment: We manage our activities aiming the environmental sustainability and community well being.

Employees: We recognize and work on the development of our employees, providing safety, high performance and commitment.

Innovation: We provide an environment in a way that the creativity creates better products, services and processes.

Customer and Suppliers: Integrity in the relationships, aware that the customers' success drives ours as well.

Result: We aim profitability linked to the company's growth and continuous development.



Catálogo ZEN On-line · Catálogo ZEN En-línea · Catalogue ZEN On-line

Acesse www.zensa.com.br e utilize esta poderosa ferramenta de pesquisa: o Catálogo ZEN On-line. Nele estão disponíveis todas as informações de cada produto ZEN acessíveis por várias abordagens de forma que a informação desejada é obtida de modo rápido e eficiente. Acompanhe também todos os lançamentos ZEN através da constante atualização do Catálogo.

Acesse www.zensa.com.br y utilice esta poderosa herramienta de pesquisa: el Catálogo ZEN En-línea. En él están disponibles todas las informaciones de cada producto ZEN accesibles por varios abordajes de forma que la información deseada es obtenida de modo rápido y eficiente. Acompañe también todos los lanzamientos ZEN através de la constante actualización del Catálogo.

Access www.zensa.com.br and use this powerful tool of search: Catalogue ZEN On-line. It is available all the information of each ZEN product, accessible by several manners in order to find the information desired, obtained in a fast and efficient way. Please also follow all ZEN releases with our constant update of the Catalogue.

Pesquisa Rápida Pesquisa Rápida · Fast Search

Na pesquisa rápida você obtém informações pesquisando pelo número ZEN, número original e número de motor/alternador.

En la pesquisa rápida usted obtiene informaciones pesquisando por el número ZEN, número original y número de motor/alternador.

In the fast research option you can find: ZEN number, original number and starter motor/alternator number.

- Busca pelo número ZEN.
- Búsqueda por el número ZEN.
- Search for ZEN part number.
- Busca pelo número original.
- Búsqueda por el número original.
- Search for original part number.
- Busca pelo número do motor de partida ou alternador.
- Búsqueda por el número de motor de arranque o alternador.
- Search for starter motor/alternator part number.



Pesquisa Avançada Pesquisa Avanzada · Advanced Search

· Busca utilizando palavras-chave.

· Búsqueda utilizando palabras-clave.
· Search through key-words.
Ex./Ejem.: Golf, Passat, etc.

· Busca por fabricante do equipamento.

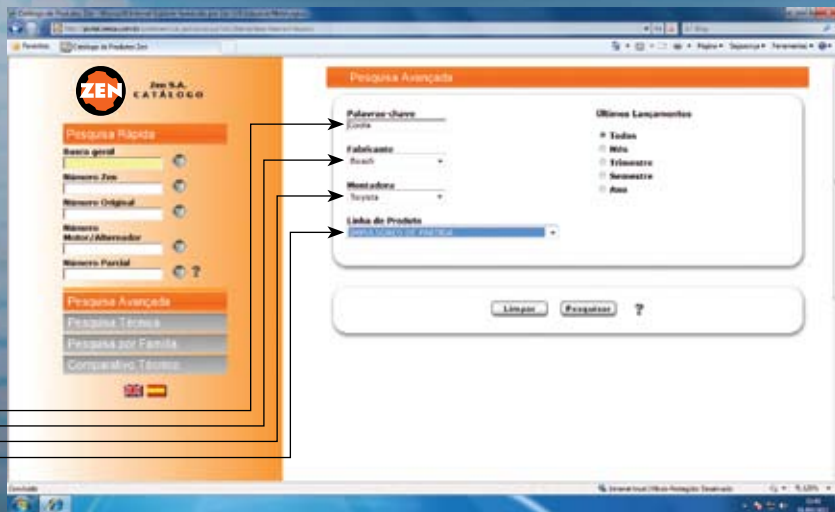
· Búsqueda por fabricante del equipo.
· Search by equipment manufacturer.
Ex./Ejem.: Bosch, Lucas, etc.

· Busca por montadora do veículo.

· Búsqueda por montadora del vehículo.
· Search by vehicle manufacturer.
Ex./Ejem.: Fiat, Audi, etc.

· Busca por linha de produtos ZEN.

· Búsqueda por línea de productos ZEN.
· Search by ZEN products line.

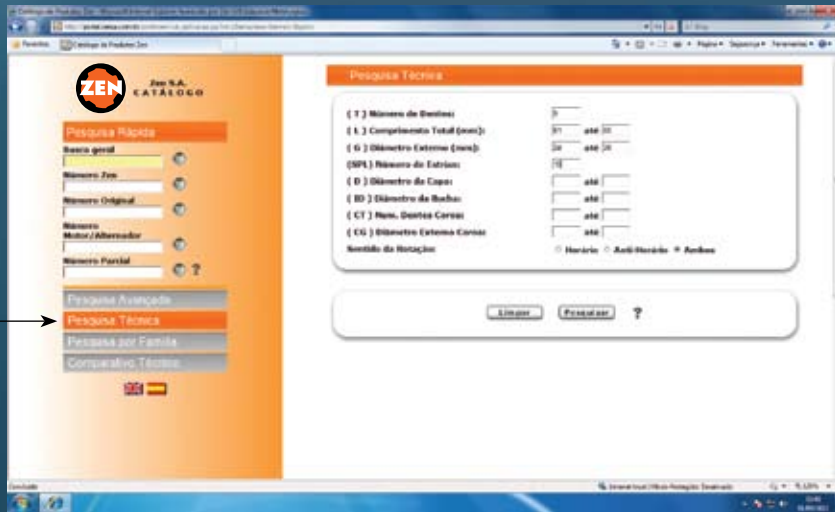


Pesquisa Técnica Pesquisa Técnica · Technical Research

Neste modo você poderá pesquisar utilizando dados técnicos e dimensões do produto (disponível apenas para linha de impulsores de partida).

En este modo usted podrá pesquisar utilizando datos técnicos y dimensiones del producto (disponible apenas para línea de impulsores de arranque).

Here you can find technical data and product dimensions (available only for the starter drives line).



Comparativo Técnico
Comparativo Técnico · Technical Comparative

Neste modo você poderá comparar características técnicas entre dois produtos visualizando-os na tela.

En este modo usted podrá comparar características técnicas entre dos productos visualizándolos en la tela.

Here you can compare two products by looking at them and comparing their technical characteristics.

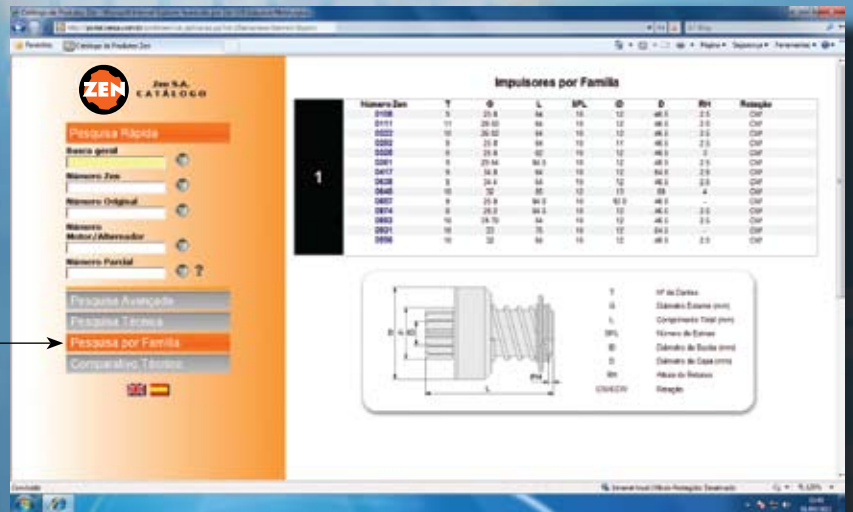


Pesquisa por Família
Pesquisa por Família · Search by Starter Drive Family

Neste modo a pesquisa acontece pelas famílias de impulsores.

En este modo la pesquisa acontece por las familias de impulsores.

This way the search happens by starter drives' family.



Busca Geral
Búsqueda General · General Search

Buscas de aplicações ou números originais diversos.

Búsquedas por el número original o aplicación.

Searches of several applications or original numbers.



Número Parcial
Número Parcial · Partial Number

Busca pelo número original incompleto.

Búsqueda por el número original incompleto.

Search by incomplete original number.



Índice Geral

Índice General · General Index

Busca por Número ZEN	06
<i>Búsqueda por el Número ZEN / Search by ZEN P/N#</i>	
Conversão para Número ZEN	12
<i>Conversión para el Número ZEN / Conversion for ZEN Number</i>	
Busca - Número Motor para Número ZEN	36
<i>Búsqueda - Número del Motor para el Número ZEN / Search - Motor Number for ZEN P/N#</i>	
Busca - Aplicação por Veículo	71
<i>Búsqueda - Aplicación por Vehículo / Search - Application by Vehicle</i>	
Busca - Família de Impulsores	127
<i>Búsqueda - Família de Impulsores / Search - Starter Drives Families</i>	
Ficha dos Produtos	153
<i>Informaciones sobre el Producto / Products Information</i>	



Busca por Número ZEN

Búsqueda por el Número ZEN · Search by ZEN P/N#

Impulsores de Partida	07
<i>Impulsores de Arranque</i>	
<i>Starter Drives</i>	
Engrenagens	10
<i>Piñones</i>	
<i>Gears</i>	

NºZEN	ANTIGO ANTIGUO OLD	NºZEN	NOVO NOVO NEW	Pg.
Impulsores de Partida <i>Impulsores de Aranque</i> <i>Starter Drives</i>				
1.01.0001.0		0001		154
1.01.0005.0		0005		154
1.01.0006.0		0006		154
1.01.0008.0		0015		155
1.01.0010.0		0010		154
1.01.0013.0		0013		155
1.01.0015.0		0015		155
1.01.0020.0		0020		155
1.01.0020.1		1184		313
1.01.0022.0		0022		155
1.01.0024.0		0024		156
1.01.0024.4		1359		324
1.01.0025.0		0025		156
1.01.0028.0		0028		156
1.01.0030.0		1216		320
1.01.0032.0		0032		157
1.01.0034.0		0034		157
1.01.0035.0		0035		157
1.01.0036.0		0036		157
1.01.0037.0		0037		158
1.01.0041.0		0041		158
1.01.0043.0		0043		158
1.01.0044.0		0044		158
1.01.0045.0		0045		159
1.01.0046.0		0046		159
1.01.0047.0		0201		181
1.01.0048.0		0204		181
1.01.0049.0		0049		159
1.01.0050.0		0050		159
1.01.0051.0		0051		160
1.01.0052.0		0052		160
1.01.0053.0		0053		160
1.01.0054.0		0054		160
1.01.0056.0		0056		161
1.01.0059.0		0059		161
1.01.0060.0		0060		161
1.01.0061.0		0061		161
1.01.0062.0		0062		162
1.01.0064.0		0064		162
1.01.0065.0		0065		162
1.01.0066.0		0034		157
1.01.0067.0		0067		162
1.01.0068.0		0068		163
1.01.0070.0		0070		163
1.01.0071.0		0071		163
1.01.0072.0		0015		155
1.01.0073.0		0073		163
1.01.0077.0		0077		164
1.01.0078.0		0078		164
1.01.0079.0		0077		164
1.01.0080.0		0080		164
1.01.0081.0		0081		165

NºZEN	ANTIGO ANTIGUO OLD	NºZEN	NOVO NOVO NEW	Pg.
1.01.0082.0		0082		165
1.01.0084.0		0084		165
1.01.0085.0		0085		165
1.01.0085.4		1361		324
1.01.0086.0		0086		166
1.01.0087.0		0087		166
1.01.0088.0		0088		166
1.01.0089.0		0089		167
1.01.0092.0		0092		167
1.01.0093.0		0093		167
1.01.0096.0		0096		167
1.01.0097.0		0097		168
1.01.0100.0		0100		168
1.01.0101.0		0101		168
1.01.0102.0		0102		168
1.01.0104.0		0104		169
1.01.0105.0		0105		169
1.01.0105.4		1364		325
1.01.0107.0		0024		156
1.01.0108.0		0108		169
1.01.0110.0		0110		170
1.01.0111.0		0111		170
1.01.0112.0		0112		171
1.01.0114.0		0114		171
1.01.0115.0		0115		171
1.01.0117.0		0117		171
1.01.0118.0		0118		172
1.01.0120.0		0120		172
1.01.0121.0		0121		172
1.01.0122.0		0122		173
1.01.0125.0		0125		173
1.01.0126.0		0126		173
1.01.0131.0		0131		174
1.01.0133.0		0133		174
1.01.0134.0		0134		174
1.01.0135.0		0135		175
1.01.0139.0		0139		175
1.01.0140.0		0140		175
1.01.0141.0		0141		175
1.01.0144.0		0144		176
1.01.0150.0		0150		176
1.01.0155.0		0155		176
1.01.0158.0		0158		177
1.01.0160.0		0160		177
1.01.0161.0		0161		177
1.01.0162.0		0162		177
1.01.0163.0		0163		178
1.01.0170.0		0170		178
1.01.0171.0		0171		178
1.01.0182.0		0182		178
1.01.0183.0		0183		179
1.01.0184.0		0184		179
1.01.0186.0		0186		179
1.01.0188.0		0188		180
1.01.0189.0		0189		180

NºZEN	ANTIGO ANTIGUO OLD	NºZEN	NOVO NOVO NEW	Pg.
1.01.0191.0		0191		180
1.01.0192.0		0192		180
1.01.0193.0		0193		181
1.01.0198.0		0198		181
1.01.0201.0		0201		181
1.01.0204.0		0204		181
1.01.0205.0		0205		182
1.01.0213.0		0213		182
1.01.0215.0		0215		182
1.01.0216.0		0216		182
1.01.0217.0		0217		183
1.01.0218.0		0218		183
1.01.0219.0		0087		166
1.01.0220.0		0220		183
1.01.0221.0		0221		184
1.01.0222.0		0222		184
1.01.0223.0		0223		184
1.01.0224.0		0224		184
1.01.0225.0		0225		185
1.01.0226.0		0226		185
1.01.0227.0		0227		185
1.01.0228.0		0228		185
1.01.0229.0		0229		186
1.01.0238.0		0238		186
1.01.0243.0		0243		186
1.01.0244.0		0244		186
1.01.0245.0		0245		187
1.01.0248.0		0248		187
1.01.0280.0		0280		187
1.01.0285.0		0285		187
1.01.0286.0		0286		188
1.01.0287.0		0287		188
1.01.0287.1		1187		313
1.01.0291.0		0291		188
1.01.0292.0		0292		188
1.01.0293.0		0293		189
1.01.0294.0		0294		189
1.01.0300.0		0300		189
1.01.0301.0		0301		189
1.01.0302.0		0302		190
1.01.0303.0		0303		190
1.01.0304.0		0304		190
1.01.0307.0		0307		190
1.01.0308.0		0308		191
1.01.0310.0		0310		191
1.01.0312.0		0312		191
1.01.0313.0		0313		191
1.01.0315.0		0315		192
1.01.0316.0		0316		192
1.01.0318.0		0318		192
1.01.0319.0		0319		192
1.01.0320.0		0320		193
1.01.0322.0		0322		193
1.01.0323.0		0323		193
1.01.0325.0		0325		194

NºZEN	ANTIGO ANTIGUO OLD	NºZEN	NOVO NOVO NEW	Pg.
1.01.0327.0		0327		194
1.01.0328.0		0328		194
1.01.0329.0		0329		194
1.01.0339.0		0339		195
1.01.0340.0		0340		195
1.01.0341.0		0341		195
1.01.0342.0		0342		195
1.01.0343.0		0343		196
1.01.0348.0		0348		196
1.01.0349.0		0349		196
1.01.0351.0		0351		196
1.01.0352.0		0352		197
1.01.0353.0		0353		197
1.01.0361.0		0361		198
1.01.0362.0		0362		198
1.01.0365.0		0365		198
1.01.0366.0		0366		198
1.01.0367.0		0367		199
1.01.0371.0		1302		323
1.01.0376.0		0376		199
1.01.0378.0		0378		200
1.01.0380.0		0380		200
1.01.0381.0		0381		200
1.01.0382.0		0382		200
1.01.0389.0		0389		201
1.01.0392.0		0392		201
1.01.0394.0		0394		201
1.01.0395.0		0395		201
1.01.0397.0		0397		202
1.01.0398.0		0398		202
1.01.0404.0		0404		202
1.01.0406.0		0406		202
1.01.0407.0		0407		203
1.01.0408.0		0408		203
1.01.0409.0		0409		203
1.01.0409.1		1188		314
1.01.0411.0		0411		203
1.01.0412.0		0412		204
1.01.0414.0		0414		204
1.01.0417.0		0417		204
1.01.0418.0		0418		204
1.01.0419.0		0419		205
1.01.0420.0		0420		205
1.01.0426.0		0426		205
1.01.0427.0		0427		205
1.01.0428.0		0428		206
1.01.0429.0		0429		206
1.01.0433.0		0433		206
1.01.0433.1		1189		314
1.01.0434.0		0434		206
1.01.0438.0		0438		207
1.01.0439.0		0439		207
1.01.0440.0		0440		207
1.01.0441.0		0441		207
1.01.0443.0		0443		208

NºZEN	ANTIGO OLD	NOVO NEW	Pg.
1.01.0445.0		0445	208
1.01.0447.0		0447	208
1.01.0448.0		0448	208
1.01.0449.0		0449	209
1.01.0450.0		0450	209
1.01.0451.0		0451	209
1.01.0453.0		0453	210
1.01.0454.0		0454	210
1.01.0455.0		0455	210
1.01.0458.0		0458	210
1.01.0459.0		0459	211
1.01.0460.0		0460	211
1.01.0461.0		0461	211
1.01.0462.0		0462	211
1.01.0463.0		0463	212
1.01.0467.0		0467	212
1.01.0468.0		0468	212
1.01.0469.0		0469	212
1.01.0474.0		0474	213
1.01.0475.0		0475	213
1.01.0480.0		0480	213
1.01.0482.0		0482	213
1.01.0485.0		0485	214
1.01.0486.0		0486	214
1.01.0488.0		0488	215
1.01.0491.1		1190	314
1.01.0492.0		0492	215
1.01.0495.0		0495	215
1.01.0496.0		0496	216
1.01.0497.0		0497	216
1.01.0498.0		0498	216
1.01.0499.0		0499	216
1.01.0505.0		0505	217
1.01.0506.0		0506	217
1.01.0507.0		0507	217
1.01.0509.0		0509	217
1.01.0517.0		0517	218
1.01.0519.0		0519	218
1.01.0520.0		0520	218
1.01.0522.0		0522	218
1.01.0528.0		0528	219
1.01.0529.0		0529	219
1.01.0530.0		0530	219
1.01.0532.0		0532	219
1.01.0533.0		0533	220
1.01.0536.0		0536	220
1.01.0536.1		1191	314
1.01.0537.0		0537	220
1.01.0538.0		0538	220
1.01.0539.0		0539	221
1.01.0540.0		0540	221
1.01.0541.0		0541	221
1.01.0545.0		0545	221
1.01.0549.0		0549	222
1.01.0554.0		0554	222

NºZEN	ANTIGO OLD	NOVO NEW	Pg.
1.01.0555.0		0555	222
1.01.0556.0		0556	222
1.01.0557.0		0557	223
1.01.0561.0		0561	223
1.01.0566.0		0566	223
1.01.0567.0		0567	223
1.01.0568.0		0568	224
1.01.0570.0		0570	224
1.01.0571.0		0571	224
1.01.0572.0		0572	224
1.01.0573.0		0573	225
1.01.0574.0		0574	225
1.01.0575.0		0575	225
1.01.0576.0		0576	225
1.01.0577.0		0577	226
1.01.0579.0		0579	226
1.01.0580.0		0580	226
1.01.0584.0		0584	227
1.01.0591.0		0591	227
1.01.0594.0		0594	227
1.01.0595.0		0595	227
1.01.0596.0		0596	228
1.01.0597.0		0597	228
1.01.0601.0		0601	228
1.01.0603.0		0603	228
1.01.0605.0		0605	229
1.01.0607.0		0607	229
1.01.0608.0		0608	229
1.01.0609.0		0609	229
1.01.0610.0		0610	230
1.01.0611.0		0611	230
1.01.0612.0		0612	230
1.01.0613.0		0613	231
1.01.0615.0		0615	231
1.01.0617.0		0617	231
1.01.0619.0		0619	231
1.01.0620.1		1192	315
1.01.0620.2		1224	322
1.01.0622.0		0622	232
1.01.0623.1		1193	315
1.01.0623.2		1225	322
1.01.0624.0		0624	232
1.01.0625.0		0625	232
1.01.0626.0		0626	233
1.01.0627.0		0627	233
1.01.0629.0		0629	233
1.01.0629.1		1194	315
1.01.0630.0		0630	234
1.01.0631.0		0631	234
1.01.0632.0		0632	234
1.01.0633.0		0633	234
1.01.0634.0		0634	235
1.01.0635.0		0635	235
1.01.0636.0		0636	235
1.01.0638.0		0638	235

NºZEN	ANTIGO OLD	NOVO NEW	Pg.
1.01.0639.0		0639	236
1.01.0641.0		0641	236
1.01.0644.0		0644	236
1.01.0645.0		0645	237
1.01.0646.0		0646	237
1.01.0647.0		0647	237
1.01.0648.0		0648	237
1.01.0649.0		0649	238
1.01.0649.1		1195	316
1.01.0650.0		0650	238
1.01.0650.1		1196	316
1.01.0651.0		0651	238
1.01.0651.1		1197	316
1.01.0652.0		0652	238
1.01.0652.1		1198	316
1.01.0653.0		0653	239
1.01.0655.0		0655	239
1.01.0656.0		0656	239
1.01.0657.0		0657	239
1.01.0661.0		0661	240
1.01.0662.1		1199	317
1.01.0662.2		1226	322
1.01.0668.0		0668	240
1.01.0669.0		0669	240
1.01.0670.0		0670	240
1.01.0671.0		0671	241
1.01.0673.0		0673	241
1.01.0674.0		0674	241
1.01.0676.0		0676	241
1.01.0677.0		0677	242
1.01.0679.0		0679	242
1.01.0681.0		0681	242
1.01.0684.0		0684	242
1.01.0686.0		0686	243
1.01.0687.0		0687	243
1.01.0691.0		0691	243
1.01.0701.0		0701	243
1.01.0702.0		0702	244
1.01.0703.0		0703	244
1.01.0704.0		0704	244
1.01.0705.0		0705	244
1.01.0706.0		0706	245
1.01.0708.0		0708	245
1.01.0709.0		0709	245
1.01.0711.0		0711	245
1.01.0712.0		0712	246
1.01.0713.0		0713	246
1.01.0714.0		0714	246
1.01.0720.0		0720	246
1.01.0721.0		0721	247
1.01.0722.0		0722	247
1.01.0723.0		0723	247
1.01.0729.0		0729	247
1.01.0731.0		0731	248
1.01.0732.0		0732	248

NºZEN	ANTIGO OLD	NOVO NEW	Pg.
1.01.0737.0		0737	248
1.01.0737.1		1200	317
1.01.0740.0		0740	249
1.01.0741.0		0741	249
1.01.0742.0		0742	249
1.01.0743.0		0743	249
1.01.0744.0		0744	250
1.01.0745.0		0745	250
1.01.0747.0		0747	250
1.01.0748.0		0748	250
1.01.0748.4		1372	325
1.01.0749.0		0749	251
1.01.0750.0		0750	251
1.01.0750.1		1201	317
1.01.0751.0		0751	251
1.01.0752.0		0752	251
1.01.0753.0		0753	252
1.01.0754.0		0754	252
1.01.0755.0		0755	252
1.01.0756.0		0756	252
1.01.0758.0		0758	253
1.01.0760.0		0760	253
1.01.0762.0		0762	253
1.01.0764.0		0764	253
1.01.0765.0		0765	254
1.01.0767.0		0767	254
1.01.0768.0		0768	254
1.01.0769.0		0769	254
1.01.0770.0		0770	255
1.01.0771.0		0771	255
1.01.0772.0		0772	255
1.01.0773.0		0773	255
1.01.0774.0		0774	256
1.01.0775.0		0775	256
1.01.0776.0		0776	256
1.01.0778.0		0778	256
1.01.0778.1		1204	317
1.01.0779.0		0779	257
1.01.0780.1		1205	318
1.01.0781.0		0781	257
1.01.0783.0		0783	257
1.01.0784.0		0784	257
1.01.0785.0		0785	258
1.01.0786.0		0786	258
1.01.0786.1		1206	318
1.01.0786.2		1227	323
1.01.0786.3		1333	323
1.01.0787.0		0787	258
1.01.0790.0		0790	258
1.01.0791.0		0791	259
1.01.0792.0		0792	259
1.01.0793.0		0793	259
1.01.0793.1		1207	318
1.01.0794.0		0794	259
1.01.0796.0		0796	260

NºZEN	ANTIGO ANTIGUO OLD	NºZEN	NOVO NUEVO NEW	Pg.
1.01.0797.0		0797		260
1.01.0798.0		0798		260
1.01.0799.0		0799		260
1.01.0800.0		0800		261
1.01.0801.0		0801		261
1.01.0803.0		0803		261
1.01.0805.0		0805		261
1.01.0806.0		0806		262
1.01.0809.0		0809		262
1.01.0813.0		0813		262
1.01.0814.0		0814		262
1.01.0815.0		0815		263
1.01.0816.0		0816		263
1.01.0817.0		0817		263
1.01.0818.0		0818		263
1.01.0820.0		0820		264
1.01.0821.0		0821		264
1.01.0822.0		0822		264
1.01.0823.0		0823		264
1.01.0824.1		1208		318
1.01.0824.2		1228		323
1.01.0825.0		0825		265
1.01.0826.0		0826		265
1.01.0828.0		0828		265
1.01.0830.0		0830		265
1.01.0831.0		0831		266
1.01.0832.0		0832		266
1.01.0833.1		1209		319
1.01.0836.0		0836		266
1.01.0837.0		0837		266
1.01.0838.0		0838		267
1.01.0841.0		0841		267
1.01.0843.0		0843		267
1.01.0844.0		0844		267
1.01.0846.0		0846		268
1.01.0850.0		0850		268
1.01.0851.0		0851		268
1.01.0852.0		0852		268
1.01.0853.0		0853		269
1.01.0854.0		0854		269
1.01.0855.0		0855		269
1.01.0856.0		0856		269
1.01.0857.0		0857		270
1.01.0858.0		0624		232
1.01.0860.0		0860		270
1.01.0861.0		0861		270
1.01.0863.0		0863		270
1.01.0866.0		0866		271
1.01.0868.0		0868		271
1.01.0870.1		1210		319
1.01.0871.0		0871		271
1.01.0874.0		0874		271
1.01.0875.0		0875		272
1.01.0878.0		0878		272
1.01.0879.0		0879		272

NºZEN	ANTIGO ANTIGUO OLD	NºZEN	NOVO NUEVO NEW	Pg.
1.01.0883.1		1211		319
1.01.0884.1		1212		319
1.01.0885.1		1213		320
1.01.0887.0		0887		272
1.01.0888.0		0888		273
1.01.0890.0		0890		273
1.01.0892.0		0892		273
1.01.0893.0		0893		273
1.01.0894.0		0894		274
1.01.0895.0		0895		274
1.01.0896.0		0896		274
1.01.0897.1		1214		320
1.01.0898.0		0898		274
1.01.0900.0		0900		275
1.01.0901.0		0901		275
1.01.0902.0		0902		275
1.01.0905.0		0905		275
1.01.0906.0		0906		276
1.01.0907.0		0907		276
1.01.0908.0		0908		276
1.01.0910.0		0910		276
1.01.0914.0		0914		277
1.01.0915.0		0915		277
1.01.0916.0		0916		277
1.01.0917.0		0917		277
1.01.0918.0		0918		278
1.01.0919.0		0919		278
1.01.0920.0		0920		278
1.01.0921.0		0921		278
1.01.0921.1		1215		320
1.01.0924.0		0924		279
1.01.0925.0		0925		279
1.01.0926.0		0926		279
1.01.0929.0		0929		279
1.01.0930.0		0930		280
1.01.0931.0		0931		280
1.01.0932.0		0932		280
1.01.0933.0		0933		280
1.01.0935.0		0935		281
1.01.0936.0		0936		281
1.01.0937.0		0937		281
1.01.0938.0		0938		281
1.01.0940.0		0940		282
1.01.0941.1		1217		321
1.01.0942.0		0942		282
1.01.0943.0		0943		282
1.01.0945.0		0945		282
1.01.0946.0		0946		283
1.01.0947.0		0947		283
1.01.0948.0		0948		283
1.01.0950.0		0950		284
1.01.0951.0		0951		284
1.01.0952.1		10003		360
1.01.0953.0		0953		284
1.01.0954.0		0954		284

NºZEN	ANTIGO ANTIGUO OLD	NºZEN	NOVO NUEVO NEW	Pg.
1.01.0957.0		0957		285
1.01.0958.0		0958		285
1.01.0959.0		0959		285
1.01.0960.0		0960		285
1.01.0961.0		0961		286
1.01.0962.0		0962		286
1.01.0965.0		0965		286
1.01.0967.0		0967		286
1.01.0968.3		1351		324
1.01.0969.0		0969		287
1.01.0970.0		0970		287
1.01.0972.0		0972		287
1.01.0974.1		1218		321
1.01.0975.0		0975		287
1.01.0976.0		0976		288
1.01.0977.0		0977		288
1.01.0978.0		0978		288
1.01.0983.0		0983		288
1.01.0985.0		0985		289
1.01.0989.0		0989		289
1.01.0990.0		0990		289
1.01.0991.0		0991		289
1.01.0997.0		0997		290
1.01.0998.0		0998		290
1.01.0999.0		0999		290
1.01.1001.0		1001		290
1.01.1002.0		1002		291
1.01.1003.0		1003		291
1.01.1004.0		1004		291
1.01.1005.0		1005		291
1.01.1011.0		1011		292
1.01.1013.0		1013		292
1.01.1016.0		1016		292
1.01.1017.0		1017		292
1.01.1018.0		1018		293
1.01.1019.0		1019		293
1.01.1020.0		1020		293
1.01.1021.0		1021		293
1.01.1022.0		1022		294
1.01.1023.0		1023		294
1.01.1024.0		1024		294
1.01.1025.0		1025		294
1.01.1026.0		1026		295
1.01.1027.0		1027		295
1.01.1030.0		1030		295
1.01.1031.0		1031		295
1.01.1033.0		1033		296
1.01.1035.0		1567		342
1.01.1036.0		1036		296
1.01.1037.0		1037		296
1.01.1038.0		1038		296
1.01.1043.0		1043		297
1.01.1046.0		1046		297
1.01.1047.0		1047		297
1.01.1048.0		1048		298

NºZEN	ANTIGO ANTIGUO OLD	NºZEN	NOVO NUEVO NEW	Pg.
1.01.1054.0		1054		298
1.01.1056.0		1056		298
1.01.1057.0		1057		298
1.01.1058.0		1058		299
1.01.1059.0		1059		299
1.01.1060.0		1060		299
1.01.1062.0		1062		299
1.01.1063.0		1063		300
1.01.1064.0		1064		300
1.01.1065.0		1065		300
1.01.1067.0		1067		300
1.01.1068.0		1068		301
1.01.1069.0		1069		301
1.01.1070.0		1070		301
1.01.1071.0		1071		301
1.01.1072.0		1072		302
1.01.1073.0		1073		302
1.01.1074.0		1074		302
1.01.1076.0		1076		302
1.01.1078.1		1222		321
1.01.1080.1		1223		321
1.01.1081.0		1081		303
1.01.1082.0		1082		303
1.01.1088.0		1088		303
1.01.1090.0		1090		303
1.01.1091.0		1091		304
1.01.1092.0		1092		304
1.01.1097.0		1097		304
1.01.1098.0		1098		304
1.01.1104.0		1104		305
1.01.1107.0		1107		305
1.01.1108.0		1108		305
1.01.1109.0		1109		305
1.01.1111.0		1111		306
1.01.1112.0		1112		306
1.01.1113.0		1113		306
1.01.1117.0		1117		306
1.01.1133.0		1133		307
1.01.1134.0		1134		307
1.01.1152.0		1152		307
1.01.1153.0		1153		307
1.01.1155.0		1155		308
1.01.1156.0		1156		308
1.01.1157.0		1157		308
1.01.1158.0		1158		308
1.01.1159.0		1159		309
1.01.1160.0		1160		309
1.01.1161.0		1161		309
1.01.1162.0		1162		309
1.01.1168.0		1168		310
1.01.1169.0		1169		310
1.01.1170.0		1170		310
1.01.1171.0		1171		310
1.01.1172.0		1172		311
1.01.1173.0		1173		311

NºZEN	ANTIGO ANTIGUO OLD	NOVO NUEVO NEW	Pg.
1.01.1174.0		1174	311
1.01.1175.0		1175	311
1.01.1176.0		1176	312
1.01.1177.0		1177	312
1.01.1178.0		1178	312
1.01.1179.0		1179	312
1.01.1180.0		1180	313
1.01.1181.0		1181	313
1.01.1184.0		1184	313
1.01.1187.0		1187	313
1.01.1188.0		1188	314
1.01.1189.0		1189	314
1.01.1190.0		1190	314
1.01.1191.0		1191	314
1.01.1192.0		1192	315
1.01.1193.0		1193	315
1.01.1194.0		1194	315
1.01.1195.0		1195	316
1.01.1196.0		1196	316
1.01.1197.0		1197	316
1.01.1198.0		1198	316
1.01.1199.0		1199	317
1.01.1200.0		1200	317
1.01.1201.0		1201	317
1.01.1204.0		1204	317
1.01.1205.0		1205	318
1.01.1206.0		1206	318
1.01.1207.0		1207	318
1.01.1208.0		1208	318
1.01.1209.0		1209	319
1.01.1210.0		1210	319
1.01.1211.0		1211	319
1.01.1212.0		1212	319
1.01.1213.0		1213	320
1.01.1214.0		1214	320
1.01.1215.0		1215	320
1.01.1216.0		1216	320
1.01.1217.0		1217	321
1.01.1218.0		1218	321
1.01.1222.0		1222	321
1.01.1223.0		1223	321
1.01.1224.0		1224	322
1.01.1225.0		1225	322
1.01.1226.0		1226	322
1.01.1227.0		1227	323
1.01.1228.0		1228	323
1.01.1302.0		1302	323
1.01.1333.0		1333	323
1.01.1351.0		1351	324
1.01.1359.0		1359	324
1.01.1361.0		1361	324
1.01.1364.0		1364	325
1.01.1372.0		1372	325
1.01.1451.0		1451	325
1.01.1452.0		1452	326

NºZEN	ANTIGO ANTIGUO OLD	NOVO NUEVO NEW	Pg.
1.01.1453.0		1453	326
1.01.1454.0		1454	326
1.01.1455.0		1455	326
1.01.1458.0		1458	327
1.01.1467.0		1467	327
1.01.1468.0		1468	327
1.01.1469.0		1469	327
1.01.1470.0		1470	328
1.01.1471.0		1471	328
1.01.1472.0		1472	328
1.01.1473.0		1473	328
1.01.1474.0		1474	329
1.01.1475.0		1475	329
1.01.1477.0		1477	329
1.01.1478.0		1478	329
1.01.1480.0		1480	330
1.01.1482.0		1482	330
1.01.1483.0		1483	330
1.01.1484.0		1484	330
1.01.1485.0		1485	331
1.01.1486.0		1486	331
1.01.1487.0		1487	331
1.01.1496.0		1496	331
1.01.1501.0		1501	332
1.01.1502.0		1502	332
1.01.1503.0		1503	332
1.01.1504.0		1504	332
1.01.1505.0		1505	333
1.01.1506.0		1506	333
1.01.1507.0		1507	333
1.01.1508.0		1508	333
1.01.1509.0		1509	334
1.01.1510.0		1510	334
1.01.1513.0		1513	334
1.01.1515.0		1515	334
1.01.1518.0		1518	335
1.01.1520.0		1520	335
1.01.1521.0		1521	335
1.01.1523.0		1523	335
1.01.1526.0		1526	336
1.01.1527.0		1527	336
1.01.1528.0		1528	336
1.01.1529.0		1529	336
1.01.1530.0		1530	337
1.01.1533.0		1533	337
1.01.1534.0		1534	337
1.01.1538.0		1538	337
1.01.1539.0		1539	338
1.01.1540.0		1540	338
1.01.1545.0		1545	338
1.01.1547.0		1547	338
1.01.1548.0		1548	339
1.01.1550.0		1550	339
1.01.1551.0		1551	339
1.01.1552.0		1552	339

NºZEN	ANTIGO ANTIGUO OLD	NOVO NUEVO NEW	Pg.
1.01.1553.0		1553	340
1.01.1555.0		1555	340
1.01.1556.0		1556	340
1.01.1557.0		1557	340
1.01.1561.0		1561	341
1.01.1562.0		1562	341
1.01.1563.0		1563	341
1.01.1566.0		1566	341
1.01.1567.0		1567	342
1.01.1570.0		1570	342
1.01.1573.0		1573	342
1.01.1574.0		1574	342
1.01.1575.0		1575	343
1.01.1576.0		1576	343
1.01.1577.0		1577	343
1.01.1585.0		1585	343
1.01.1588.0		1588	344
1.01.1592.0		1592	344
1.01.1594.0		1594	344
1.01.1595.0		1595	344
1.01.1596.0		1596	345
1.01.1597.0		1597	345
1.01.1600.0		1600	345
1.01.1601.0		1601	345
1.01.1602.0		1602	346
1.01.1603.0		1603	346
1.01.1604.0		1604	346
1.01.1605.0		1605	346
1.01.1607.0		1607	347
1.01.1608.0		1608	347
1.01.1612.0		1612	347
1.01.1614.0		1614	347
1.01.1615.0		1615	348
1.01.1616.0		1616	348
1.01.1617.0		1617	348
1.01.1618.0		1618	349
1.01.1619.0		1619	349
1.01.1620.0		1620	349
1.01.1621.0		1621	349
1.01.1622.0		1622	350
1.01.1623.0		1623	350
1.01.1624.0		1624	350
1.01.1629.0		1629	350
1.01.1630.0		1630	351
1.01.1631.0		1631	351
1.01.1632.0		1632	351
1.01.1635.0		1635	351
1.01.1636.0		1636	352
1.01.1637.0		1637	352
1.01.1638.0		1638	352
1.01.1641.0		1641	352
1.01.1642.0		1642	353
1.01.1643.0		1643	353
1.01.1646.0		1646	353
1.01.1647.0		1647	353

NºZEN	ANTIGO ANTIGUO OLD	NOVO NUEVO NEW	Pg.
1.01.1648.0		1648	354
1.01.1650.0		1650	354
1.01.1651.0		1651	354
1.01.1655.0		1655	354
1.01.1656.0		1656	355
1.01.1658.0		1658	355
1.01.1661.0		1661	355
1.01.1666.0		1666	355
1.01.1667.0		1667	356
1.01.1669.0		1669	356
1.01.1670.0		1670	356
1.01.1673.0		1673	356
1.01.1674.0		1674	357
1.01.1675.0		1675	357
1.01.1676.0		1676	357
1.01.1677.0		1677	357
1.01.1678.0		1678	358
1.01.1679.0		1679	358
1.01.1680.0		1680	358
1.01.1682.0		1682	358
1.01.1686.0		1686	359
1.01.1687.0		1687	359
1.01.1690.0		1690	359
1.01.1691.0		1691	359
Engrenagens/Piñones/Gears			
6.39.0186.5		9186	360
6.39.0260.5		9260	361
6.39.0301.5		9301	361
6.39.0302.5		9302	361
6.39.0307.5		9307	361
6.39.0349.5		9349	362
6.39.0350.5		9350	362
6.39.0402.5		9402	362
6.39.0403.5		9403	362
6.39.0426.4		9426	363
6.39.0459.5		9459	363
6.39.0488.5		9488	363
6.39.0492.5		9492	363
6.39.0495.4		9495	364
6.39.0502.5		9502	364
6.39.0504.5		9504	364
6.39.0506.5		9506	364
6.39.0525.5		9525	365
6.39.0526.5		9526	365
6.39.0527.5		9527	365
6.39.0528.5		9528	365
6.39.0542.5		9542	366
6.39.0566.5		9566	366
6.39.0597.5		9597	366
6.39.0632.5		9632	366
6.39.0633.5		10048	368
6.39.0702.5		9702	367
6.39.0781.5		9781	367
6.39.0791.4		9791	367
6.39.0823.5		9823	367



Conversão para Número ZEN *Conversión para el Número ZEN* *Conversion for ZEN Number*

Ac Delco	13	Garf	19	Nashville	31
Accurate	13	General Motors	19	Nikko	31
Ace	13	Harley-Davidson	19	Nippondenso	31
AES New	13	HC Parts	19	Nissan-Datsun	31
AIM	13	Hitachi	19	Onan	32
Allis Chalmers	13	Honda	19	Pal	32
Amsco	13	Ingersoll-Rand	19	Paris-Rhone	32
André Niermann	13	Ishikawjima	19	Polaris	32
Arrowhead	13	Iskra	19	Porsche	32
Autolite-Prestolite	13	Isuzu	19	Prestolite	32
Bedford	13	Italacciai	19	Raisman	32
Bendix	13	Iveco	20	Remy	32
Bosch	13	J&N	20	Renault	34
Boston Auto	16	John Deere	20	Sea Doo	34
Butec	16	Johnson Electric	20	Skoda	34
BRP	17	Just Parts	20	Subaru	34
Cargo	17	Kawasaki	20	Suzuki	34
Case	17	KHD	20	SWS	34
Caterpillar	17	Kia	20	Thermo King	34
CBT	17	Kubota	20	Toyota	34
Chrysler	17	Lada	20	Tria	34
Citroën	17	Leece-Neville	20	UTB	34
CPC	17	Lester	20	UTMS	34
Daewoo	17	Lucas	27	Valeo	34
DAF	17	Lucas Indiel	28	Visteon	34
Daihatsu	17	Magneti-Marelli	30	Volga	35
Delco Reman	17	Magneton	30	Volkswagen	35
Dubois	17	Man	30	W.A.I.	35
Ducellier	17	Mazda	30	Wapsa	35
Facet	17	Mercedes Benz	30	Ww	35
Femsa	17	Mitsuba	30	Yamaha	35
Fiat	17	Mitsubishi	30		
Ford	18	Motorcraft	31		

Ac Delco	N° ZEN
1986244	0755
Accurate	N° ZEN
1073	9823
4-798, 798	9702
Ace	N° ZEN
4-1073	9823
4-798	9702
AES New	N° ZEN
1946	9702
AIM	N° ZEN
SJ-0779A	9702
Allis Chalmers	N° ZEN
02683662	0434
02698850	0434
2201850102	0376
22018501030	0376
2201850192	0376
268757	0607
Amsco	N° ZEN
HT-230	9702
André Niermann	N° ZEN
01364402	1594
Arrowhead	N° ZEN
SHI5308	9702
Autolite-Prestolite	N° ZEN
0637	0032
6315	1216
6316	1216
BRC3001J	0135
EBA44	0032
EBA44A	0032
EBA45	1216
EBA47	0032
EBB111	0032
EBB113A	1216
EBB129A	1216
EBB132	0032
EBB159A	0032
EBB168	0093
EBB168	0568
EBB19	1216
EBB19A	1216
EBB24	0188
EBB30	1216
EBB4A	0032
EBB56A	0110
EBB78A	0032
EBB90	0188
EBB95	0032
MAD3073	0053
MDO1161	0110
MDW1261	0110
MGD1061	0110
MGD1161	0110
MGD1161A	0110
MGL1161	0110

Autolite-Prestolite	N° ZEN
P18301	0054
P1831	0054
P1849	0135
P59116	1216
P59118	0050
P59138	0110
P59141	0032
P59143	0188
P59146	0032
P59147	0032
P59156	0110
P59170	0110
P59171	0117
P59173	0110
P59180	1216
P59186	0117
P59195	0032
P59203	0188
P59205	0188
P5921	1216
P59210	0032
P59220	0117
P59230	0188
P5934	1216
P595	0110
PD6A	0117
PD71	0117
PD7A	0117
PD8A	0188
PD9A	0188
SRP1009	0054
Bedford	N° ZEN
91118533	0686
Bendix	N° ZEN
1987BE0008	0352
281025	0463
286942	0244
289862	0245
293187	1302
293398	0244
293422	0463
294698	0244
295883	0244
297440	0244
299033	0189
299955	0189
302613	0245
303300	0244
303710	0244
305949	0244
307049	0244
309008	0244
310626	0404
310629	0189
313910	0189
314529	0404

Bendix	N° ZEN
324565	0189
324840	1302
325228	0189
325231	0248
325232	0285
327585	0574
331025	0574
331032	0574
333418	0217
344511	0243
Bosch	N° ZEN
0001364400	1594
0001364402	1594
0001368313	1594
0001368318	1594
1006208030	0015
1006208036	0015
1006209010	0015
1006209011	0015
1006209012	0044
1006209013	0015
1006209014	0044
1006209015	0015
1006209016	0015
1006209017	0044
1006209029	0080
1006209030	0223
1006209031	0080
1006209032	0223
1006209034	0080
1006209039	0223
1006209040	0080
1006209047	0080
1006209049	0223
1006209051	0080
1006209052	0080
1006209053	0080
1006209055	0080
1006209056	0223
1006209058	0080
1006209061	0131
1006209066	0080
1006209071	0223
1006209080	0139
1006209081	0300
1006209101	0080
1006209102	0131
1006209104	0131
1006209105	0223
1006209108	0362
1006209110	0223
1006209123	0015
1006209124	0015
1006209125	0044
1006209127	0080
1006209140	0223

Bosch	N° ZEN
1006209161	0131
1006209162	0065
1006209295	0900
1006209332	0080
1006209339	0131
1006209400	0068
1006209401	0325
1006209402	0221
1006209403	0307
1006209404	0108
1006209405	0068
1006209406	0361
1006209410	0108
1006209412	0068
1006209414	0108
1006209416	0108
1006209417	0068
1006209418	0638
1006209423	0229
1006209424	0323
1006209425	0111
1006209427	0108
1006209428	0361
1006209429	0222
1006209431	0065
1006209436	0417
1006209437	0220
1006209439	0139
1006209444	0300
1006209445	0325
1006209449	0361
1006209462	0108
1006209463	0108
1006209466	0361
1006209469	0857
1006209470	0857
1006209471	0108
1006209472	0361
1006209473	0857
1006209475	0292
1006209477	0292
1006209482	0931
1006209500	0420
1006209501	0406
1006209502	0428
1006209503	0482
1006209504	0482
1006209506	0482
1006209509	0482
1006209510	0520
1006209513	0482
1006209516	0520
1006209519	0633
1006209522	0619
1006209523	0572
1006209524	0573

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
1006209526	0482	1006209619	0482	1006209759	0972	1987BE0013	0450
1006209527	0532	1006209621	0937	1006209762	1223	1987BE0014	0455
1006209528	0482	1006209622	1487	1006209778	1168	1987BE0015	0459
1006209530	0482	1006209624	0976	1006209794	1545	1987BE0016	0468
1006209531	0482	1006209628	0932	1006209796	1641	1987BE0017	0522
1006209532	0613	1006209629	0938	1006209801	1619	1987BE0018	1192
1006209535	0798	1006209631	1037	1006209806	1632	1987BE0019	0624
1006209536	0482	1006209631	1031	1006209807	1619	1987BE0020	0671
1006209537	0520	1006209633	0976	1006209804	1597	1987BE0021	0770
1006209538	0630	1006209634	0997	1006209812	1576	1987BE0022	0905
1006209539	0630	1006209635	1031	1006209818	1650	1987BE0023	0140
1006209541	0800	1006209635	1037	1006209821	1562	1987BE0024	0155
1006209542	1065	1006209637	1109	1006209824	1642	1987BE0025	0158
1006209543	0579	1006209638	0925	1006209880	0937	1987BE0026	0160
1006209544	0579	1006209642	1057	1006209901	0015	1987BE0027	0161
1006209545	0520	1006209642	1031	1006209902	0044	1987BE0028	0162
1006209546	0575	1006209642	1037	1006209903	0015	1987BE0029	0238
1006209547	0475	1006209643	0972	1006209905	0520	1987BE0030	0287
1006209548	0482	1006209645	1033	1006209908	0962	1987BE0032	0327
1006209550	1065	1006209646	1030	1006209910	0900	1987BE0033	0349
1006209551	0794	1006209648	0937	1006209911	0900	1987BE0034	0397
1006209552	0639	1006209649	0932	1006209912	0639	1987BE0035	0404
1006209553	0900	1006209650	1451	1006209914	0931	1987BE0036	1189
1006209554	0475	1006209652	1156	1006209916	0799	1987BE0037	0439
1006209555	0781	1006209656	1155	1006209917	0729	1987BE0038	0443
1006209558	0900	1006209657	1108	1006209918	0579	1987BE0039	0448
1006209560	0962	1006209661	1485	1006209919	0579	1987BE0040	0467
1006209561	0641	1006209666	1631	1006209921	0579	1987BE0041	0533
1006209563	0482	1006209669	1107	1006209922	0900	1987BE0042	0576
1006209564	0803	1006209671	1058	1006209923	0805	1987BE0043	0595
1006209565	0900	1006209672	0925	1006209928	1474	1987BE0044	0610
1006209566	0520	1006209675	0998	1006209929	0938	1987BE0045	0612
1006209569	0962	1006209677	0925	1006209932	1011	1987BE0046	0625
1006209570	0482	1006209678	1031	1006209936	1631	1987BE0046	0755
1006209572	0482	1006209678	1037	1006209941	1486	1987BE0047	0656
1006209573	0482	1006209679	0799	1006209943	1655	1987BE0048	0714
1006209576	0579	1006209680	1069	1006209944	0976	1987BE0049	0741
1006209578	0805	1006209681	1655	1006209964	1650	1987BE0050	0744
1006209579	0729	1006209685	0482	1006210111	1650	1987BE0051	0752
1006209580	0797	1006209686	0745	1006210128	1642	1987BE0052	0756
1006209581	1067	1006209690	0925	1006210146	1642	1987BE0053	0786
1006209582	0482	1006209691	0630	1006210149	1650	1987BE0054	0868
1006209583	0900	1006209692	0976	1007010045	0579	1987BE0055	0901
1006209584	0745	1006209693	0482	1007010105	1108	1987BE0122	0045
1006209585	0799	1006209696	0976	1987BE0000	0020	1987BE0123	0192
1006209591	0900	1006209699	0937	1987BE0001	0050	1987BE0124	0779
1006209592	1486	1006209701	0482	1987BE0002	0053	1987BE0125	0010
1006209594	0900	1006209703	0579	1987BE0003	0102	2003162001	0133
1006209596	0579	1006209704	1153	1987BE0004	0135	2003162005	0133
1006209600	0745	1006209705	0482	1987BE0005	0183	2003162006	0133
1006209605	1474	1006209706	0976	1987BE0006	0244	2003162016	0133
1006209606	1474	1006209709	0976	1987BE0007	0351	2006202000	0117
1006209607	0998	1006209710	0579	1987BE0009	0353	2006202010	0920
1006209613	0852	1006209715	0976	1987BE0010	0389	2006202011	0920
1006209614	1467	1006209757	1108	1987BE0011	0441	2006208011	1076
1006209618	0925	1006209758	0932	1987BE0012	0445	2006208013	0223

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
2006208014	0224	2006209408	0392	2006209501	1180	6033AD0004	1643
2006209013	0226	2006209413	0661	2006209530	0367	6033AD0070	1550
2006209021	0227	2006209414	0497	2006209532	0418	6033AD0442	1038
2006209022	1076	2006209418	0310	2006209533	0538	6033AD1002	1158
2006209030	1076	2006209421	0105	2006209536	0367	6033AD3006	1038
2006209031	0224	2006209421	1364	2006209537	0760	6033AD3108	1038
2006209032	0227	2006209422	0308	2006209539	0538	6033AD3120	1157
2006209043	0028	2006209423	0392	2006209543	0970	6033AD3334	1159
2006209068	0028	2006209425	0378	2006209594	0900	6033AD3850	1038
2006209071	0225	2006209426	0648	2006209900	0028	6033AD4034	1038
2006209072	0226	2006209427	0635	2006209900	1076	6033AD5078	1658
2006209073	0226	2006209429	1004	2006209901	0224	6033AD0044	0573
2006209086	0318	2006209431	0460	2006209902	0227	6033AD0061	1472
2006209095	0318	2006209432	0814	2006209915	0028	6033AD0077	1158
2006209109	0101	2006209433	1003	2006209916	0225	6033AD0091	1026
2006209111	0302	2006209434	0784	2006209917	0226	6033AD0129	1160
2006209120	0101	2006209435	0118	2006209930	0367	6033AD0148	1157
2006209160	0131	2006209436	0105	2006209932	0538	6033AD0184	1159
2006209161	0131	2006209436	1364	2006380010	0035	6033AD0200	1159
2006209162	0065	2006209437	0313	2006380410	0035	6033AD0218	1629
2006209163	0307	2006209438	0392	2006380414	0035	6033AD0270	1022
2006209165	0080	2006209443	0661	2006380418	0035	6033AD0284	1027
2006209166	0080	2006209444	0497	2006380450	0037	6033AD0304	1179
2006209181	0227	2006209446	0105	2006380458	0037	6033AD0306	1178
2006209183	0028	2006209446	1364	2006380558	0036	6033AD0331	1624
2006209183	1076	2006209447	0315	2006381410	0035	6033AD0414	1022
2006209185	0224	2006209448	0310	2006381458	0037	6033AD0462	1038
2006209200	0304	2006209449	0366	2006381558	0036	6033AD0467	1179
2006209201	0304	2006209457	0635	2006382018	0087	6033AD4148	1038
2006209212	0028	2006209458	0970	2006382019	0087	9001041103	0653
2006209215	0318	2006209459	0635	2006382020	0218	9001042013	0229
2006209229	0318	2006209461	1002	2006382060	1111	9001042021	0065
2006209240	0310	2006209462	0419	2006382150	0218	9001042032	0229
2006209241	0319	2006209463	0677	2006382152	0087	9001042060	0673
2006209246	0312	2006209465	0764	2006382154	0078	9001042100	0292
2006209273	0221	2006209466	0528	2006382156	0087	9001042189	0701
2006209302	0101	2006209469	0366	2006382174	1181	9001043103	0653
2006209304	0316	2006209470	0291	2006382176	0218	9001043178	0139
2006209305	0302	2006209471	0228	2006382190	0089	9001043179	0674
2006209311	0131	2006209473	0365	2006383150	0218	9001043180	0676
2006209321	0220	2006209474	0677	2006383154	0078	9001066236	0108
2006209324	0362	2006209475	0447	2006383160	1181	9001066239	0474
2006209330	0310	2006209476	0366	2006401527	0133	9001066242	0475
2006209331	0319	2006209478	0320	2006401900	0201	9001066247	0475
2006209332	0316	2006209483	0291	2006401904	0204	9001066248	0475
2006209341	0301	2006209485	0366	2006682168	0088	9001066255	0919
2006209342	0316	2006209486	1001	2007010037	0122	9001066476	0475
2006209344	0316	2006209488	1005	2008109203	0920	9001081010	0729
2006209345	0302	2006209488	1003	2009999032	0204	9001081022	0837
2006209366	0225	2006209490	1004	2009999036	0201	9001081033	0745
2006209386	0225	2006209492	0367	256U11000CA	1597	9001081042	0855
2006209388	0226	2006209494	0378	42531397	0875	9001081052	0866
2006209394	0118	2006209495	0418	6003AD1062	1483	9001081066	0846
2006209405	0118	2006209498	0538	6004AH5018	1478	9001081074	0933
2006209406	0308	2006209499	0419	6033AC5149	12839	9001082014	0015
2006209407	0313	2006209500	0228	6033AC5246	12839	9001082016	0015

Bosch	Nº ZEN
9001082127	0062
9001082128	0191
9001082177	0046
9001082306	0082
9001082324	0111
9001082340	0108
9001082362	0065
9001082401	0163
9001082417	0044
9001082418	0062
9001082419	0046
9001082420	0080
9001082421	0006
9001082422	0191
9001082423	0015
9001082424	0077
9001082425	0115
9001082426	0077
9001082429	0015
9001082498	0077
9001082618	0108
9001082660	0108
9001082669	0323
9001082686	0108
9001082748	0108
9001082749	0111
9001082750	0068
9001083406	0105
9001083406	1364
9001083436	0105
9001083436	1364
9001083439	0092
9001083440	0034
9001083441	0060
9001083442	0059
9001083443	0061
9001083444	1076
9001083445	0043
9001083471	0303
9001083502	0315
9001083618	0496
9001083629	0668
9001084038	0745
9001084064	0089
9001085105	0121
9001085105	0201
9001085105	0204
9001133219	0213
9001140317	0631
900118103	0745
9001336203	0453
9001336205	0713
9001336211	0170
9001336222	0120
9001336223	0451
9001336324	0108

Bosch	Nº ZEN
9001451247	0328
9001451249	0293
9001451251	0293
9001451252	0329
9001451291	0104
9001451292	0192
9001451293	0081
9001451343	0291
9001452088	0348
9001452090	0529
9001453284	0070
9001453333	0024
9001453333	1359
9001453334	0024
9001453334	1359
9001453336	0085
9001453336	1361
9001453338	0024
9001453338	1359
9001453340	0056
9001453342	0084
9001453344	0186
9001453347	0505
9001453349	0125
9001453387	0193
9001453391	0025
9001453601	0622
9001453670	1190
9001690057	0871
9001690067	0871
9001690111	0475
9001692096	0361
9001692097	0874
9001693029	0300
9002336200	1171
9002336204	0851
9002336205	1171
9002336207	0632
9002336208	0796
9002336218	0875
9002336219	1070
9002336223	1071
9002336224	1072
9002336225	1170
9002336226	0861
9002336230	0929
9002336236	1038
9002336237	1159
9002336283	0875
9002336287	1072
9002453010	0392
9002453073	0105
9002453073	1364
9002453074	0118
9002453076	0496
9002453077	0497

Bosch	Nº ZEN
9002453078	0748
9002453078	1372
9002453079	0748
9002453079	1372
9002453081	0392
9002453081	1224
9002453082	0118
900331430	1174
9003336201	0632
9003336206	0706
9003336208	0796
9003336212	0223
9003336212	0227
9003336227	0861
9003336280	0573
9003336282	0838
9003336283	0875
9003336284	0632
9003336286	1172
9003336290	1173
9003336291	0572
9003336293	0631
900336274	1174
9008045049	0976
9008047011	1470
9009996289	0875
9033AD0284	1027
D001965593	1486
F000AL1002	0108
F000AL1023	0846
F000AL1024	1470
F000AL1032	0942
F000AL1037	0942
F000AL1040	0837
F000AL1052	0989
F000AL1067	1471
F000AL1086	1108
F000AL1096	1471
F000AL1100	1069
F000AL1152	0989
F000AL1186	1223
F000AL1200	0998
F000AL1209	1469
F000AL1238	0837
F000AL1250	0998
F000AL1281	1562
F000AL1306	1177
F000AL1324	0976
F000AL1432	1547
F000AL1440	0871
F000AL1446	1222
F000AL1516	0482
F000AL1519	0520
F000AL1520	0619
F000AL1534	0482
F000AL1679	0837

Bosch	Nº ZEN
F000AL1680	0837
F000AL1681	1223
F000AL1682	1222
F000AL1683	0976
F000AL1684	0916
F000AL1688	1469
F000AL1690	1547
F000AL1691	0745
F000AL1692	0837
F000AL1693	0855
F000AL1694	1177
F000AL1695	0998
F000AL1696	1471
F000AL1697	0871
F000AL1698	0482
F000AL1699	0520
F000AL1700	0482
F000AL1704	0729
F000AL1705	0866
F000AL1707	0989
F000AL1708	0619
F000AL1709	1168
F000AL1872	0861
F000AL1878	0745
F000AL1879	0764
F000AL1881	0875
F000AL1882	0942
F000AL1898	0920
F000AL1901	1468
F000AL1938	1540
F000AL1938-741	1540
F000AL2000	1467
F000AL2012	0799
F000AL2617	1638
F000AL2638	1675
F000AL2712	1690
F000AL2721	1691
F000CD1009	1666
F000CD1114	1674
F002620279	0291
F002620036 MICO	1551
F005M10053	1037

Boston Auto	Nº ZEN
31206059D	1594
31206194	1594
31206194A	1594

Butec	Nº ZEN
850363	0117
850629	0188
851073	0097
851075	0110
852758	0117
852760	0188
852762	0097
852763	0110
852957	0117

Butec	N° ZEN
852959	0188
852961	0097
852962	0110
BRP	N° ZEN
278001497	1218
278001936	1218
Cargo	N° ZEN
CG231767	0708
111636	1594
231269	1577
236896	1534
237667	1650
Case	N° ZEN
112055	1594
A47788	0434
Caterpillar	N° ZEN
2S-3344	0556
3T-5341	0556
3T-8754	0555
4N4517	0117
4N7523	0434
5L-6429	0626
5S-6372	0555
6N3826	0110
6N-3827	0097
93090	0626
CBT	N° ZEN
210137086200	0213
210803708620	0540
5800/00043	0627
CT2213708600	0213
Chrysler	N° ZEN
15056	0110
15113	0110
1889129	0054
2095122	0050
2095397	0050
2444651	0050
2444658	0050
2444661	0054
2525287	0093
2525287	0568
2642445	0054
2642506	0054
2642692	0054
3755085	0050
3837936	1216
3837986	1216
3874045	0050
4094174	0050
4106093	0495
4145978	0495
5206632	0339
5213310	0339
5213384	0292
5213850	0339

Chrysler	N° ZEN
5233966	9349
CH1917	0054
CH1920	0050
CH1922	0050
CH1924	0054
CH1925	0050
CH1927	0050
CH1931	0339
DR1900	0013
DR1902	0020
DR1905	0020
F01903	0205
F01905	0053
F01907	0032
F01909	0053
F01910	0205
F01912	0135
LM1901	0135
PL1991	0135
Citroën	N° ZEN
95562677	1043
96017849	0775
CPC	N° ZEN
SDHI-2662A	9702
Daewoo	N° ZEN
3120A78B00	1048
93740994	1048
DAF	N° ZEN
126246	1594
1276165	1594
1287890	1594
1382550	1159
1699235	12839
289183	1594
Daihatsu	N° ZEN
2801140014	0327
2801141011	0327
2801141012	0327
Delco Reman	N° ZEN
DRS1170	1594
DRS3293	1594
DRS7090	1594
Dubois	N° ZEN
297400	9702
Ducellier	N° ZEN
018678	0244
019567	0244
079692	0183
532000	0244
532001	0244
532017	0244
583277	0574
583289	0574
583336	0574
583347	0574
605028	0189

Ducellier	N° ZEN
605055	0189
606416	0244
60846	0245
609477	0244
611736	0244
611942	0404
612355	0189
6162	0244
6183CFG	0244
6187	0244
6203	0244
6206	0244
6224	0244
6227AB	0244
6227CD	0244
6231ABD	0244
681378	0245
681380	0244
683145	0574
73893	0463
Facet	N° ZEN
10036	0898
10060	0556
10061	0555
10127	0144
10325	0064
10580	0924
10583	0182
10593	0655
10621	0625
10621	0755
10624	0624
10627	0622
10639	0625
10639	0755
10640	0624
10641	1205
10671	0890
10682	1217
480105	0898
480115	0188
480116	0117
480117	0110
480118	0097
480135	0626
480183	0898
480217	1190
480320	0188
480321	0110
480322	0626
480324	1190
480410	0117
480411	0097
480412	0930
480414	0914
480417	0182

Femsa	N° ZEN
03550	0120
106122	0533
1066122	0713
148981	0170
150534	0227
1706110	0213
1706114	0120
1706115	0451
1706126	0389
170613	0120
170616	0397
278963	0053
3550	0036
9328	0453
Fiat	N° ZEN
4044451	0744
4063663	0713
4091920	0495
4106093	0495
4120550	0768
4130651	0120
4141057	0533
4142235	0120
4145751	0120
4145978	0495
4154293	0213
4169960	0608
4202988	0120
4226442	0608
4243124	0213
4249166	0120
4474695	0608
4475032	0608
4475122	0213
4988518	0561
7073094	0111
79023774	0407
79026090	0291
79026236	0310
79028900	0105
79028900	1364
79028909	0105
79028909	1364
79033659	0648
79034927	0367
79081045	0601
7984505	0601
8122123	0225
8122125	0035
8122126	0087
8122127	0218
8122128	0218
8122129	0105
8122129	1364
8122157	0367
82327386	0108

Fiat	N° ZEN
879898	0953
8997796	0310
9000862	0407
9004229	0087
9004794	0035
9008243	0105
9008243	1364
9008738	0036
9405835568	0287
9817920	0648
9918347	0315
9923779	0035
9926112	0105
9926112	1364
9926536	0133
9927793	0407
9928303	0315
9929081	0407
9932923	0111
9934739	0310
9934752	0325
9934977	0310
9935164	0315
9935731	0407
9936036	0120
9936050	0394
9936602	0108
9936671	0857
9936730	0291
9936772	0407
9936996	0408
9937207	0389
9937705	0108
9937711	0189
9937949	0291
9938235	0394
9938328	0395
9939194	0631
9939710	0875
9939837	0769
9939915	0786
9940577	0786
9940577	1333
9940740	0630
9941300	0786
9941300	1227
9941306	0786
9941306	1206
9941314	0482
9941371	1117
9941467	0395
9941640	0389
9941642	0394
9941751	0408
9941846	0878
9941892	0120

Fiat	N° ZEN
9944373	0579
9945556	0779
9946913	1477
9947748	1630
9947831	0925
9947838	0998
9948135	1025
9956595	0594
9956676	0291
9957707	0407
9957820	0310
9957919	0105
9957919	1364
9959572	0648
9959619	0367
9959813	0418
9961781	0601
99811565	0315
9983629	0291
9984246	0087
9986112	0407
Ford	N° ZEN
106688	0907
10670F7RU	0907
1L5T11000AA	1585
256U11000CA	1597
2701E11350B	0064
2900761	0032
2900804	0050
32051112	1612
3,6 K	1676
53R211350A	1208
72DB11K003AA	0064
8G1T11000AA	1677
8G1T11000AB	1677
8G1Z11002A	1677
8G1Z11002B	1677
BRNN11350	1216
CYCLONE	1677
C1AF11350A	0032
C1AZ11350A	0032
C1VF11350A	0053
C1VY11350A	0053
C2DF11350C	0205
C2DZ11350A	0110
C20F11350C	0053
C3DE11350A	0110
C3TZ11350A	0110
C3VF11350A	0053
C3VF11350C	0053
C4DF11350A	0205
C4DZ11350A	0205
C4DZ11350B	0205
C40F11350A	0053
C40F11350B	0053
C40Z11350A	0053

Ford	N° ZEN
C40Z11350B	0053
C4ZZ11350B	0205
C5JF11350A	0053
C6FF11350B	0135
C6FY11350A	0053
C6TZ11350A	0093
C6TZ11350A	0568
C6VY11350A	0053
C6VY11350A1	0053
C7AF11350A	0053
C7AF11350A1	0053
C8DF113504	0110
C8DF11350B	0205
C8DF11350G	0205
C80F11350A	0205
C8TZ11350A	0182
C8TZ11350B	0097
C8TZ11350D	0097
C8VF11350B	0053
C8VF11350B1	0053
C8WF11350A	0182
C9FF11350A	0135
C9HE11350A	0110
C9WF11350C	0097
D1RY11350B	0205
D1RY11350C	0205
D27Z11350A	0184
D2RY11350B	0205
D37Z11350A	0184
D4HF11350AA	0097
D4HF11350BA	0110
D4RY11350A	0205
D5AF11350AA	0053
D6EF11350AA	0205
D6EF11350BA	0205
D6FF11350AA	0135
D6FF11350BA	0135
D6GF11350AA	0205
D6GF11350BA	0205
D6PF11A108BA	0053
D6PZ11350A	0205
D6PZ11350B	0053
D77Z11350A	0342
D97Z11350A	0545
E4EF11350AA	0681
E4FZ11350A	0681
E4LF11350AA	0681
E4LY11350A	0681
E5PF11350AA	0670
E5PZ11350A	0670
E6EF11350AA	0455
E6FZ11350A	0455
E6HZ11350A	0625
E6HZ11350A	0755
E7GZ11350A	0450
E8BZ11350A	0636

Ford	N° ZEN
E8PZ11350A	0669
E90Z11350A	1192
E90Z11350A	1224
E92Z11350A	0596
E92Z11350B	0596
EAB11350A	0110
F07U11000AA	1192
F07U11000AA	1224
F0TZ11002A	1192
F0TZ11002A	1224
F2TU11000AA	1192
F2TU11000AA	1224
F2VY11350A	1199
F2VY11350A	1226
F3RZ11350A	1208
F3RZ11350A	1228
F4XY11350B	1019
F5BU11350AA	0975
F5DZ11350A	1192
F5DZ11350A	1224
F5RU11350RA	1208
F5RU11350RA	1228
F7RUK614	0907
F87U11350	1217
F87U11350AC	1217
F8BU11350AA	0890
FAA11350A	0032
FAB11350A	1216
FAC11350A	1216
FAD11350A	1216
FAU11350A	0032
FAV11350A	1216
FOFZ11350A	1193
FOFZ11350A	1225
ICM11350A	0032
ICM11350B	0032
ICM11350C	0032
SD323	0681
SD324	0681
SD337	1192
SD340	1225
SD340	1193
SD341	1226
SD341	1199
SD353	1208
SDE 335	0596
SDE 336	0596
SDE 342	0596
SDE198	0184
SDE307	0342
SDE311	0545
SDE330	0670
SDE332	0450
SDE334	0636
SDE335	0596
SDE336	0596

Ford	N° ZEN	Hitachi	N° ZEN	Hitachi	N° ZEN	Isuzu	N° ZEN
SDE339	0669	211425554	1556	21309500	0684	5811230020	0376
SDE342	0596	211435006	0737	225025003	0901	5811230070	0376
VP7C3U11350AB	1676	211435507	0791	225035001	0448	5811230090	0448
VP8G1U11350AA	1677	211435551	0687	225045004	0901	5811230150	0448
XL1U11000AA	9781	211445002	0691	2335453J11	0711	5811230160	0376
XL1Z11002AA	9781	211445004	0351	S114808	1556	5811230360	0832
XS6411350AA	1208	211445007	0351	S114829	1557	5811240030	0946
XS6U11350AA	1208	211445012	0634	S14100A	1608	5811240030	9260
YC1U11000AB	1539	211445016	1016	S14100B	1608	5811240060	9260
Garef	N° ZEN	2114-45100	1017	S14100D	1608	8821213620	0141
1470824	0213	211445504	0499	S14100E	1608	8921233010	0141
58350001	0120	211455003	0644	Honda	N° ZEN	8941155680	0737
58350002	0120	211455004	0349	31204657617	0947	8941155690	1200
6624100	0714	211455008	9488	31204PC016	9350	8941258890	0498
General Motors	N° ZEN	211455506	0737	31204PC2016	9350	8941291870	0947
01954842	0045	211465001	0349	31204PD1003	9350	8942082960	0351
07073094	0111	211465004	0382	31204PD1013	9350	8942082961	0351
07325345	0046	211465008	9528	31204PH3006	9350	8942332270	0349
07328970	0024	211475001	0351	31204PJ7903	9350	8942332770	0349
07328970	1359	211475008	0737	31206-2F5-L31	0708	8942363471	0737
07329691	0080	211475008	1200	31207634005	0349	8942391070	0327
07363070	0010	211475014	0828	31207657006	0327	8943677720	0750
09307667	0108	211485008	0737	31207PA0006	0327	8972095483	1608
90273737	0482	211485501	0790	31207PE0005	0832	8973291631	1608
90421771	0745	211495002	0382	31213671671	9186	8973828350	1608
93297293	1064	211495007	0537	31221657004	9186	922H6	0926
94021427	0141	211495008	0737	Ingersoll-Rand	N° ZEN	9811233010	0141
94208296	0351	211495501	9527	101BMP2991	0188	9821212340	0448
9423227	0349	211495505	0554	101BMP2992	0930	9821212380	0376
94233227	0349	2114N1550	0141	Ishikawajima	N° ZEN	9821233010	0141
96058480	0617	2114N1550	0141	185866150	0947	Italacciai	N° ZEN
96063635	0450	2114N1560	0141	Iskra	N° ZEN	SD002	0285
96063636	0595	2114N3550	0351	16900035	1088	SD012	0319
97209548	1608	2114N4550	0141	16900068	1588	SD013	0225
97720446	1608	212015501	0684	16900089	1056	SD015	0224
97729079	1608	212025001	0448	16900151	1060	SD016	0447
Harley Davidson	N° ZEN	21203500	0376	16900284	1059	SD018	0304
3139186	0947	212035001	0376	16900392	0926	SD019	0411
3144365A	0898	212045002	0448	16900408	0926	SD037	0362
3150581	0947	212055002	0448	16900541	0926	SD038	0226
HC Parts	N° ZEN	21207500	0376	16900902	0926	SD040	0463
CS1129	1594	212075002	0448	16900920	0228	SD044	0570
CS387	1594	21207530	0376	16901392	0926	SD047	0574
Hitachi	N° ZEN	21207550	0376	16901408	0926	SD055	0325
1303ST	0539	212085001	0448	16901658	1073	SD060	0228
210875002	0536	212085002	0448	16901694	1616	SD061	0028
2108F3500	0536	21301502	0790	16902379	1678	SD062	0630
2108F3500	9488	21303500	0539	16902733	1600	SD076	0286
211415003	0429	213035004	0844	16904847	1600	SD077	0601
211415016	1020	213035009	0792	18100021	0036	SD105	0533
211415504	0517	213065001	0790	18100098	0035	SD106	0533
211415507	0790	213065002	0785	18900179	0533	SD107	0120
211415508	0832	213075002	0792	525	0896	SD108	0213
211425504	0554	213075003	0792	Isuzu	N° ZEN	SD112	0608
211425505	1200	213075004	0790	2902769300	1608	SD117	0189
211425509	1207	213085003	0792	5811130170	0376	SD119	0453

Italacciai	N° ZEN	Italacciai	N° ZEN	Kia	N° ZEN	Lester	N° ZEN
SD123	0310	SD427	0451	361392X000	1048	16201	0141
SD124	0105	SD436	0108	Kubota	N° ZEN	16203	0141
SD124	1364	SD437	0482	1550463041	0947	16203	0351
SD125	0407	SD439	0520	Lada	N° ZEN	16205	0141
SD128	0407	SD440	0631	210103708620	0213	16205	0349
SD137	0222	SD441	0392	21013798620	0213	16207	0141
SD145	0561	SD442	0418	210803708620	0540	16207	0349
SD149	0349	SD443	0367	CT2213708600	0213	16209	0141
SD151	0351	SD447	0220	Leece-Neville	N° ZEN	16210	0144
SD152	0184	SD449	0307	04207	0020	16211	0141
SD153	0408	SD450	0065	04227	0054	16211	0349
SD158	0244	SD450	0323	04229	0050	16215	0140
SD169	0352	SD451	0300	04231	0053	16215	0184
SD181	0327	SD453	0229	04234	0205	16215	0353
SD183	0353	SD454	0068	04239	0050	16217	0327
SD184	0291	SD457	0131	04472	0117	16218	0184
SD185	0395	SD466	0323	04486	0110	16218	0327
SD186	0111	SD469	0221	04488	0188	16220	0327
SD187	0394	SD483	0657	04489	0097	16221	0343
SD188	0389	SD486	0541	13538	0188	16222	0140
SD192	0217	SD489	0361	13539	0879	16222	0353
SD194	0245	SD496	0325	34977	0188	16223	0327
SD197	0280	SD499	0574	71031	0117	16224	0140
SD197	0380	SD500	0404	71151	0188	16224	0353
SD198	0150	SD508	0656	71158	0879	16230	0140
SD199	0398	SD509	0646	73146	0117	16230	0184
SD300	0170	SD804	0461	73493	0188	16230	0353
SD303	0155	SD813	0216	74977	0188	16238	0140
SD305	0080	SP201	0035	75249	0117	16238	0353
SD306	0223	SP205	0036	77600	0110	16242	0184
SD307	0228	SP208	0087	77601	0097	16245	0184
SD309	0139	SP211	0218	97222	0188	16245	0340
SD310	0420	Iveco	N° ZEN	M029013539	0879	16245	0498
SD311	0406	50053567	1650	M029075249	0776	16245	0545
SD312	0118	500053567	1650	M02909722	0778	16246	0141
SD313	0378	J&N	N° ZEN	M02909722	1204	16246	0351
SD314	0648	222-44009	9702	M2904204	0013	16248	0947
SD315	0313	John Deere	N° ZEN	M029064235	0626	16248	9186
SD318	0287	19024524	0366	M029074977	0188	16251	0947
SD319	1302	AR54992	0434	M029076308	0930	16254	0342
SD324	0248	Johnson Electric	N° ZEN	M029077600	0110	16257	0111
SD335	0571	10394020	1455	Lester	N° ZEN	16257	0213
SD341	0064	5712820-DV30SM	0708	16109	0409	16260	0184
SD342	0320	Just Parts	N° ZEN	16109	1188	16261	0140
SD345	0361	B02-6021N	9702	16121	0170	16261	0184
SD346	0318	HT2-5034N-PS1	9702	16122	0170	16261	0353
SD347	0312	Kawasaki	N° ZEN	16164	0414	16270	0141
SD349	0101	131013701	0749	16166	0412	16270	0349
SD350	0460	131013703	0749	16167	0170	16270	0351
SD354	0460	131013705	0749	16168	0170	16272	0342
SD356	0365	131013706	0749	16169	0280	16283	0409
SD357	0366	590513005	0536	16169	0380	16283	1188
SD359	0353	KHD	N° ZEN	16173	0412	16284	0412
SD400	0215	01319755	1038	16188	0170	16299	0080
SD401	0096	01319806	1038	16190	0141	16299	0108
SD415	0227	1340070	1483	16194	0351	16299	0139

Lester	N° ZEN	Lester	N° ZEN	Lester	N° ZEN	Lester	N° ZEN
16299	0221	16445	0319	16571	0144	16674	0947
16299	0307	16450	0065	16578	0947	16676	9307
16313	0015	16450	0131	16579	0352	16683	0108
16314	0015	16462	0108	16579	0382	16684	0108
16320	0015	16462	0189	16579	0853	16687	0223
16320	0223	16465	0120	16584	0737	16688	0307
16321	0080	16466	0183	16586	0947	16689	0108
16326	0044	16468	0341	16586	9186	16692	0080
16328	0080	16484	0189	16588	0144	16694	0791
16331	0080	16488	0244	16588	0352	16696	0341
16332	0044	16488	0248	16593	0108	16700	0120
16332	0080	16488	0404	16593	0120	16708	0352
16334	0223	16499	0349	16595	0222	16708	0450
16336	0223	16500	0144	16595	0362	16710	0691
16337	0080	16500	0352	16597	0248	16711	0351
16341	0080	16514	0352	16600	0947	16715	0216
16344	0223	16514	0450	16600	9186	16715	0319
16345	0015	16514	0597	16603	0041	16715	0365
16346	0015	16519	0144	16604	0041	16720	0144
16353	0108	16520	0144	16606	0155	16722	0108
16356	0223	16521	0120	16608	0064	16722	0229
16360	0044	16522	0144	16608	0096	16727	0292
16360	0080	16522	0352	16608	0322	16728	0352
16362	0223	16522	0450	16608	0480	16732	0519
16362	0300	16524	0144	16611	0737	16732	0554
16362	0323	16527	0352	16612	0947	16733	0790
16365	0028	16530	0068	16616	0361	16733	9527
16367	0080	16530	0222	16617	0361	16735	0947
16367	0108	16530	0520	16619	0108	16736	0947
16369	0035	16531	0108	16619	0287	16737	0947
16396	0131	16532	0307	16619	0482	16739	0946
16398	1302	16534	0108	16621	0068	16739	9260
16401	0068	16538	0108	16621	0108	16742	0144
16401	0108	16539	0068	16623	0068	16742	0352
16401	0229	16539	0080	16623	0420	16752	0460
16401	0307	16539	0108	16627	0607	16752	0530
16401	0482	16539	0307	16629	0434	16755	0248
16405	0220	16543	0139	16633	0184	16756	0287
16405	0222	16543	0221	16635	0434	16756	0574
16405	0362	16543	0857	16637	0184	16759	0947
16405	0520	16546	0229	16643	0434	16760	0947
16407	0080	16547	0323	16644	0434	16760	9186
16408	0482	16550	0108	16646	0184	16761	0947
16412	0080	16556	0323	16651	9403	16761	9186
16412	0108	16556	0406	16655	0813	16766	0140
16417	0108	16557	0108	16658	9302	16766	0353
16417	0339	16558	0418	16660	0041	16771	0448
16418	0108	16560	0105	16660	0067	16773	0351
16418	0323	16560	0301	16660	0155	16774	0499
16438	0325	16560	0308	16664	0411	16775	0517
16440	0080	16560	0315	16664	0507	16775	0519
16442	0223	16560	0367	16665	0411	16781	0068
16443	0080	16563	0497	16669	0286	16781	0108
16443	0108	16563	0635	16669	0486	16786	0947
16443	0243	16565	0392	16670	0150	16787	0417
16445	0228	16567	0392	16670	0155	16790	0947

Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN
16791	0584	16906	0947	17016	0420	17090	0684
16793	0352	16906	9186	17016	0573	17091	9307
16794	0352	16911	0947	17020	0750	17092	0648
16794	0450	16913	0947	17020	9307	17093	0310
16795	0426	16914	0815	17023	0798	17094	0087
16795	0450	16914	9350	17025	0323	17095	0635
16797	0287	16922	0450	17027	0947	17101	9186
16797	0574	16933	0596	17027	9186	17103	0434
16802	0947	16938	0352	17028	9186	17105	0312
16803	0791	16938	0450	17030	0579	17105	0366
16805	0141	16939	0595	17030	0619	17106	0105
16805	0499	16940	0352	17031	0108	17106	0301
16809	0790	16940	0450	17037	0669	17106	0308
16809	9527	16941	0352	17037	0670	17106	0315
16811	0737	16941	0450	17038	0630	17106	0367
16816	0793	16949	0228	17039	0482	17108	0035
16817	0687	16952	0482	17040	0572	17108	0218
16818	0448	16953	0111	17043	0857	17110	9426
16821	0947	16954	0537	17046	0597	17111	0407
16823	0947	16954	0857	17047	0575	17112	0225
16825	0947	16956	0482	17057	0517	17112	0366
16826	0947	16957	0228	17057	0519	17113	0367
16827	0947	16960	0815	17058	0341	17113	0378
16828	0947	16960	9350	17061	0108	17113	0392
16829	0947	16961	0428	17066	0229	17114	0447
16830	9301	16963	0532	17068	0613	17118	9186
16831	0947	16963	0641	17071	0150	17120	0434
16832	0140	16966	0450	17072	0150	17122	0108
16832	0353	16971	0450	17072	0155	17124	0482
16833	0947	16971	0576	17073	0105	17125	0947
16834	0947	16974	0292	17073	0301	17126	0407
16837	0947	16975	0815	17073	0308	17127	0367
16843	0140	16976	0532	17073	0315	17129	9307
16843	0353	16978	9502	17073	0367	17131	0595
16843	0832	16980	0482	17074	0105	17132	0596
16845	0815	16981	9402	17074	0225	17134	0323
16845	9350	16982	0791	17074	0301	17134	0579
16858	0352	16984	0286	17074	0308	17135	0482
16859	0352	16984	0486	17074	0315	17136	0105
16874	0595	16986	0737	17074	0367	17136	0301
16877	0351	16990	9302	17075	0312	17136	0308
16878	0947	16991	0554	17075	0366	17136	0315
16879	0830	16992	0499	17076	0105	17136	0367
16880	0498	16997	0737	17076	0301	17138	0844
16881	9301	16998	0596	17076	0308	17138	9566
16883	0498	16999	0228	17076	0315	17140	0482
16892	0947	17002	0947	17077	0419	17143	0947
16893	9502	17003	0947	17083	9307	17144	0287
16893	9506	17005	0571	17084	9349	17146	0595
16895	0947	17006	0597	17085	0656	17147	0517
16900	0596	17007	9307	17087	0376	17147	0519
16901	0815	17009	0631	17087	0684	17148	0475
16901	9350	17010	0636	17088	0539	17149	0475
16902	0815	17011	0482	17088	0792	17150	0630
16902	9350	17013	0482	17089	0376	17152	0765
16905	9186	17013	0803	17090	0376	17157	0287

Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN
17157	0482	17230	0315	17386	0434	17576	0482
17159	0366	17231	0639	17388	9402	17577	0887
17160	0815	17236	0475	17390	9302	17578	0887
17160	9350	17237	0475	17391	9402	17579	9307
17161	0679	17240	0947	17393	9402	17580	0519
17163	0482	17242	1213	17394	9302	17592	0595
17164	0482	17244	9426	17399	9402	17600	9302
17165	0482	17246	0711	17406	0482	17605	0773
17166	0617	17246	0828	17407	0482	17606	9186
17170	1211	17251	0947	17408	0482	17609	9402
17171	0947	17252	0809	17410	0630	17611	9402
17176	0596	17253	0809	17414	0223	17613	9402
17178	0793	17254	9186	17415	0799	17614	9402
17180	0711	17256	0947	17416	0729	17618	0948
17181	0450	17258	0392	17417	0900	17622	10048
17183	0573	17263	1211	17420	0947	17624	0948
17184	0105	17263	9506	17422	0947	17625	0948
17184	0301	17266	0595	17425	0712	17633	0948
17184	0308	17273	1212	17437	0758	17639	0155
17184	0315	17273	9504	17454	0634	17640	0155
17184	0367	17276	0803	17458	9402	17641	0067
17184	0648	17281	0630	17460	0817	17641	0155
17185	0595	17288	0450	17460	9492	17642	0134
17194	0617	17294	0539	17461	0825	17644	0155
17196	0687	17295	0517	17465	0817	17644	0286
17197	0750	17299	0684	17465	9492	17645	0155
17197	9307	17303	0946	17466	0816	17646	0096
17201	0815	17303	9260	17466	9349	17647	0096
17203	0809	17308	0784	17467	0801	17647	0480
17205	0815	17309	0497	17469	0596	17648	0286
17206	0617	17318	0764	17474	0815	17648	0486
17210	0641	17320	0367	17478	0595	17649	0150
17212	0450	17331	0684	17481	0947	17649	0155
17214	0595	17332	0427	17485	0816	17650	0150
17215	9302	17333	0943	17485	9349	17651	0150
17216	0750	17345	0947	17487	0947	17651	0155
17216	9307	17345	9186	17491	0815	17652	0150
17217	0595	17348	9402	17491	9350	17652	0155
17219	0561	17349	0434	17508	0482	17653	0155
17221	0595	17353	0434	17521	0947	17653	0486
17222	0579	17353	0948	17527	0815	17654	0286
17222	0799	17354	0140	17530	0947	17662	0450
17223	0729	17354	0353	17534	1211	17664	0482
17223	0900	17359	9403	17534	9506	17667	0787
17225	0482	17362	9459	17537	0947	17670	0803
17227	0630	17363	9307	17548	9302	17683	0712
17228	0105	17365	9186	17549	1212	17685	0712
17228	0301	17368	9307	17549	9632	17687	1211
17228	0308	17369	0434	17559	0825	17698	0630
17228	0315	17371	0813	17560	0852	17699	0482
17228	0367	17374	9186	17561	0825	17715	1211
17229	0378	17378	9186	17563	0852	17716	1211
17229	0392	17380	9402	17564	0597	17774	1211
17230	0105	17381	0946	17565	0765	17777	1211
17230	0301	17381	9260	17574	1212	17801	1608
17230	0308	17385	9402	17574	9632	18020	0117

Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN
18021	0117	18182	0947	3053	0188	3252	0054
18022	0188	18190	9301	3054	0879	3257	0050
18024	0419	18191	0894	3055	0117	3257	0495
18026	0366	18193	0850	3056	0188	3258	0050
18028	0392	18204	0785	3057	0188	3258	0495
18029	0105	18206	0644	3058	0188	3261	1228
18029	0308	18207	0644	3060	0188	3262	1228
18029	0315	18208	0785	3061	0188	3263	1228
18030	0105	18216	0691	3064	0117	3264	1224
18030	0308	18218	0644	3065	0879	3266	1224
18030	0315	18220	0087	3074	0110	3267	1199
18030	0648	18221	0218	3124	0053	3268	1224
18031	0310	18222	0087	3131	0053	3269	1224
18032	0105	18225	0218	3132	0053	3270	1224
18032	0301	18229	0105	3135	0053	3271	1224
18032	0308	18229	0301	3148	0205	3272	1224
18032	0315	18229	0308	3149	0053	3273	1224
18032	0367	18229	0315	3152	0053	3274	1224
18033	0105	18229	0367	3153	0053	3276	0051
18033	0308	18230	0929	3154	0053	3277	0977
18033	0315	18233	0638	3155	0053	3279	0051
18033	0648	18236	0378	3157	0053	3280	0051
18035	0814	18237	0105	3160	0053	3281	0052
18038	0188	18237	0301	3168	0053	3282	0052
18039	0035	18237	0308	3169	0053	3288	0097
18053	0790	18237	0315	3176	0053	3288	0626
18053	9527	18237	0367	3181	0053	3289	0626
18054	0790	18250	0367	3185	0053	3290	0626
18054	9527	18253	0087	3187	0053	3294	0381
18056	0832	18254	0418	3188	0053	3296	0110
18061	0790	18255	0781	3189	0053	3297	0626
18061	9527	18257	0218	3193	0681	3298	0110
18064	0376	18259	0118	3194	0681	3299	0110
18064	0684	18259	0418	3196	0455	3300	0112
18067	0792	18262	0286	3204	1224	3339	0097
18086	0895	18262	0486	3205	1224	3342	0110
18092	0601	18264	0480	3207	0135	3352	0097
18093	0601	18272	0948	3208	0135	3353	0093
18097	0144	18295	0785	3209	0135	3362	0093
18100	0894	18298	0684	3211	0135	3363	0093
18101	0895	18305	0536	3212	0135	3364	0914
18103	0895	18312	0737	3213	1224	3365	0093
18110	0429	18322	0832	3214	1193	3366	0977
18111	0105	18330	0749	3217	1224	3367	0093
18111	0301	18416	0773	3221	1199	3369	0381
18111	0308	18648	0749	3224	1224	3370	0097
18111	0315	3038	0556	3232	1224	3370	0914
18113	0218	3039	0626	3238	1224	3374	0097
18117	0087	3040	0626	3239	1224	3503	0020
18120	0447	3041	0110	3240	1224	3504	0020
18121	0366	3042	0110	3241	1224	3505	0020
18122	0118	3043	0110	3246	1224	3507	0020
18151	9301	3045	0110	3247	1224	3508	0020
18154	9307	3047	0110	3248	0054	3508M	0020
18162	0584	3050	0914	3249	0054	3510	0020
18181	0947	3052	0879	3250	0050	3510M	0020

Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN
3511	0093	3757	0110	3987	0097	4281	0093
3512	0093	3758	0182	3990	0097	4283	0052
3524	0020	3764	0454	3991	0093	4284	0093
3525	0020	3766	0110	3992	0051	4286	0052
3533	0020	3770	0110	3997	0110	4307	0112
3535	0020	3774	0093	3999	0097	4318	0112
3546	0020	3777	0188	4000	0112	4326	0052
3550	0020	3785	0110	4038	0020	4328	0052
3551	0020	3789	0879	4046	0052	4338	0093
3552	0020	3790	0097	4098	0052	4347	0020
3553	0020	3793	0051	4100	0112	4385	0093
3554	0020	3796	0879	4150	0013	4387	0051
3557	0020	3798	0182	4151	0052	4388	0052
3560	0020	3800	0020	4161	0013	4389	0093
3561	0020	3804	0051	4167	0052	4392	0093
3563	0020	3809	0117	4191	0093	4393	0052
3564	0020	3838	0020	4192	0093	4398	0093
3565	0020	3846	0188	4194	0381	4399	0093
3568	0020	3852	0051	4200	0052	4408	0052
3569	0020	3853	0381	4201	0052	4500	0052
3571	0020	3870	0052	4202	0052	4506	0052
3601	0454	3872	0555	4208	0020	4508	0052
3627	0020	3873	0051	4211	0112	4509	0052
3629	0020	3883	0052	4215	0381	4523	0381
3630	0013	3884	0117	4217	0052	4525	0093
3631	0020	3894	0117	4222	0013	4537	0093
3633	0020	3895	0117	4224	0052	4545	0052
3635	0020	3898	0093	4235	0977	4567	0381
3637	0013	3899	0626	4236	0977	4573	0093
3639	0010	3902	0110	4238	0010	4597	0052
3639	0013	3905	0110	4238	0013	4600	0110
3643	0013	3931	0117	4239	0052	4636	0117
3649	0020	3932	0914	4241	0093	4723	0052
3666	0020	3933	0381	4243	0052	4724	0020
3674	0020	3941	0110	4244	0052	4731	0117
3686	0020	3942	0093	4246	0052	4732	0117
3689	0020	3943	0051	4247	0013	4733	0117
3690	0010	3945	0182	4247	0020	4734	0117
3690	0013	3948	0097	4248	0112	4747	0117
3691	0020	3949	0117	4249	0052	4748	0117
3696	0020	3952	0381	4251	0112	4749	0188
3701	0626	3953	0051	4252	0093	4828	0093
3702	0626	3955	0097	4253	0020	4843	0381
3708	0093	3956	0556	4254	0052	4851	0626
3709	0381	3958	0110	4263	0020	4882	0051
3712	0110	3963	0110	4265	0093	4883	0051
3720	0093	3964	0052	4266	0093	4888	0381
3725	0454	3966	0052	4267	0093	4893	0051
3726	0093	3971	0097	4268	0112	4894	0093
3729	0051	3972	0093	4270	0977	4897	0556
3733	0020	3974	0110	4271	0977	4898	0093
3741	0454	3976	0188	4272	0093	4899	0110
3742	0454	3977	0051	4274	0093	4899	1190
3744	0110	3977	0093	4275	0093	4906	0093
3745	0110	3979	0182	4276	0093	4918	0556
3747	0626	3986	0093	4280	0051	4927	0110

Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN	Lester	Nº ZEN
4930	0110	6234	0914	6313	0433	6407	0610
4937	0110	6238	0097	6315	0433	6407	0611
4941	0093	6240	0858	6316	0433	6408	0858
4943	0112	6242	0097	6317	1189	6409	0611
4946	0093	6243	0110	6318	0433	6410	0625
4949	0093	6245	0110	6319	0433	6410	0755
4953	0093	6246	0097	6327	0433	6412	0755
4971	0093	6247	0914	6330	0433	6413	1189
4972	0093	6248	0914	6331	0433	6414	0755
4973	0093	6249	0097	6339	1189	6415	0612
4984	0188	6250	0097	6343	0454	6416	0612
4987	0110	62505002	9823	6346	0454	6418	0612
4994	0112	6251	0097	6348	0625	6424	0612
4995	0112	6252	0097	6348	0755	6426	0433
4996	0052	6253	0097	6349	0097	6431	0611
4997	0097	6254	0097	6352	0110	6432	0752
4998	0093	6255	0914	6353	0858	6433	0752
4999	0051	6257	0182	6354	0858	6435	0755
5311	0188	6258	0914	6355	0097	6443	0611
5597	0117	6259	0097	6356	0110	6444	0858
6140	0755	6261	0626	6358	0858	6445	0770
6147	0052	6263	0626	6359	0858	6447	0755
6148	0052	6266	0858	6360	0097	6449	0756
6151	0381	6269	0755	6361	0097	6452	0774
6157	0052	6270	0858	6363	0097	6456	0755
6164	0112	6271	0858	6370	0110	6457	0755
6171	0381	6272	0626	6371	0097	6458	0755
6179	0093	6273	0626	6372	0097	6459	0755
6180	0052	6274	0858	6373	0097	6464	0755
6181	0051	6276	0755	6374	0097	6465	0755
6185	0051	6277	0755	6375	0020	6466	0755
6185	0245	6278	0755	6378	0110	6467	0625
6188	0051	6279	0755	6379	0858	6467	0755
6191	0097	6282	0858	6380	0858	6468	0629
6192	0381	6284	0858	6381	0182	6469	0629
6197	0097	6285	0858	6382	0755	6470	0756
6198	0051	6286	0858	6383	0755	6471	0774
6202	0097	6287	0858	6384	0858	6471	10003
6203	0110	6289	0858	6386	0858	6472	0756
6204	0625	6291	0858	6387	0625	6473	0783
6204	0755	6292	0858	6387	0755	6474	0783
62042662A	9702	6293	0858	6389	0755	6480	0756
6206	0858	6294	0755	6391	0625	6481	0770
6208	0110	6295	0755	6391	0755	6482	0756
6209	0188	6296	0755	6393	0858	6483	0783
6213	0117	6297	0755	6394	0858	6491	10003
6219	0879	6298	0755	6395	0858	6493	10003
6220	0879	6300	0611	6397	0755	6494	10003
6224	0097	6303	0020	6399	0858	6500	0182
6225	0097	6305	0454	6400	0858	6504	0755
6227	0097	6307	0433	6401	0752	6505	0755
6229	0110	6308	0433	6402	0858	6509	0110
6230	0110	6309	0433	6403	0858	6510	0112
6231	0110	6310	0433	6404	0755	6511	0110
6232	0097	6311	0020	6405	0858	6513	0110
6233	0097	6312	0433	6406	0755	6515	0182

Lester	N° ZEN	Lester	N° ZEN	Lester	N° ZEN	Lucas	N° ZEN
6516	0097	6583	1194	6683	0097	54240294	0380
6518	0914	6584	0649	6684	0110	54240295	0280
6519	0051	6584	1195	6686	0097	54240295	0380
6521	0052	6585	0629	6687	0097	54240795	0064
6522	0755	6586	1196	6688	0097	54242044	0507
6523	0755	6587	0649	6689	0755	54242330	0280
6528	0914	6587	1195	6705	0381	54242330	0380
6529	0914	6588	0649	6707	0112	54243657	0412
6530	0097	6588	1195	6730	0093	54243741	0485
6534	0755	6589	0629	6731	0112	54243781	0286
6538	0110	6590	0629	6733	0112	54243783	0096
6541	0454	6591	0723	6736	0977	54243848	0064
6542	0381	6592	0722	6737	0112	54244389	0041
6543	0093	6593	0649	6738	0977	54244686	0409
6544	0097	6593	1195	6740	0052	54244686	1188
6545	0755	6594	0721	6760	0110	54244938	0150
6547	0182	6595	0629	6762	0110	54245201	0409
6548	0110	6596	0722	6781	0110	54245201	1188
6549	0110	6597	0721	Lucas	N° ZEN	54245341	0409
6550	0914	6598	0722	220210	1134	54245341	1188
6551	0110	6599	0651	220402	0825	54246005	0409
6552	0110	6599	1197	229033	0991	54246005	1188
6553	0110	6600	0649	250698	0171	54246090	0509
6554	0110	6600	1195	26253074	1508	54246252	0412
6555	0110	6602	0649	26253076	1501	54246285	0150
6556	0110	6602	1195	26253078	1515	54246340	0398
6557	0097	6609	0767	26253081	1502	54246654	0150
6558	0097	6618	0097	26253341	1510	54246661	0064
6559	0097	6619	0110	26253685	1530	54246662	0286
6560	0756	6621	0626	26256287	1509	54246663	0506
6561	0756	6622	0626	26256545	1504	54246724	0322
6562	0756	6623	0626	26258003	1503	54246725	0067
6563	0756	6624	0110	27330	0445	54246727	0615
6564	0110	6625	0110	291484	0041	54246729	0507
6565	0110	6626	0914	2T0911335	1091	54246734	0509
6566	0097	6627	0914	2W0911335	1092	54246738	0096
6567	0097	6629	0626	35257824	0459	54246739	0398
6568	0097	6630	1205	35258396	0860	54246741	0485
6569	0110	6631	1210	35259023	0916	54246896	0096
6570	0629	6633	1205	35259027	0978	54246989	0322
6571	1196	6634	1205	35259033	0991	54247034	0155
6572	0649	6635	1210	35259037	0983	54247036	0155
6572	1195	6636	0097	35259873	1090	54247077	0409
6573	0629	6637	0110	35260198	0915	54247077	1188
6574	0722	6638	0097	35260202	0915	54247179	0414
6575	1196	6639	0097	35260280	0916	54247181	0409
6576	0649	6647	9781	35260310	0978	54247181	1188
6576	1195	6650	0914	35260500	0991	54247184	0398
6578	0649	6659	0381	35260590	0983	54247187	0096
6578	1195	6662	1205	35260625	0990	54247188	0064
6579	0651	6664	1205	35260975	1621	54247389	0486
6579	1197	6666	1205	35260999	1623	54247393	0480
6580	0652	6671	0110	35262227	0916	54247396	0411
6581	0649	6672	0110	54240293	0280	54247397	0134
6581	1195	6681	0182	54240293	0380	54248606	0594
6582	0722	6682	0097	54240294	0280	54249032	0412

Lucas	Nº ZEN
54249035	0414
54249041	0412
54249043	0412
54252212	0170
54252215	0280
54252215	0380
54256984	0322
54257675	0506
54258190	0064
54258545	0509
54259688	0067
54259800	0322
54261658	0280
54261658	0380
54262658	0412
54263382	0488
54267317	0449
54268139	0480
54268140	0541
54268141	0155
54268142	0486
54268565	0557
54290474	0591
54290585	0480
54290840	0821
54291735	0820
54291911	0823
54292179	0960
54292464	0863
54292929	0822
54294813	0975
54294922	0155
60251022	0280
60251022	0380
60600024	0155
60600038	0486
60600050	0286
60600066	0150
60600077	0411
60600078	0134
60600209	0509
60600210	0064
66241474	0917
66241583	0908
66241709	0918
TDB045	0045
TDB070	0010
TDB441	0747
TDB974	0770
TLB111	0280
TLB111	0380
TLB112	0170
TLB165	0041
TMB008	0854
TMB009	0779
TMB022	0837

Lucas	Nº ZEN
TMB042	0855
TMB052	0866
TMB066	0846
TMB100	0150
TMB101	0064
TMB102	0286
TMB103	0506
TMB104	0322
TMB105	0067
TMB106	0615
TMB108	0507
TMB112	0509
TMB115	0096
TMB116	0398
TMB118	0485
TMB120	0155
TMB121	0486
TMB124	0411
TMB125	0134
TMB130	0594
TMB135	0488
TMB148	0480
TMB150	0218
TMB150	0449
TMB156	0087
TMB167	0823
TMB171	0821
TMB173	1475
TMB174	0822
TMB182	0820
TMB196	0863
TMB208	0796
TMB211	0189
TMB263	0287
TMB265	0574
TMB266	0570
TMB275	0647
TMB276	0657
TMB281	0775
TMB350	1192
TMB401	0163
TMB404	0221
TMB411	0323
TMB419	0046
TMB420	0080
TMB421	0068
TMB427	0319
TMB439	0229
TMB448	0108
TMB450	0361
TMB454	0420
TMB455	0482
TMB471	0228
TMB474	0639
TMB475	0851
TMB480	0108

Lucas	Nº ZEN
TMB482	0065
TMB483	0111
TMB484	0044
TMB486	0191
TMB487	0192
TMB554	0475
TMB566	0520
TMB570	0482
TMB584	0745
TMB585	0799
TMB620	0213
TMM901	0786
TMM990	0890
TNB010	0729
TNB044	0028
TNB108	0155
TNB137	0409
TNB137	1188
TNB142	0412
TNB145	0414
TNB147	0412
TNB149	0412
TNB165	0155
TNB167	0541
TNB169	0486
TNB172	0557
TNB173	0591
TNB176	0960
TNB402	0085
TNB407	0105
TNB408	0497
TNB439	0118
TNB445	0043
TNB460	0024
TNB461	0034
TNB463	0025
TNB674	0748
TWB235	0104
TWB240	0125
TWB245	0186
TWB246	0329
TWB247	0328
TWB251	0293
TWB2520	0294
TWB254	0505
Lucas Indiel	Nº ZEN
1018679	0183
220198	0915
220206	0826
220270	1133
220310	0978
220401	0801
220406	1003
220407	1023
220409	1031
220414	1069

Lucas Indiel	Nº ZEN
220415	1070
220416	1072
220418	1109
220419	1117
220421	1153
220423	1168
220424	1169
220425	1170
220434	1478
220441	1561
220443	1576
220445	1597
220625	0990
221167	0823
221192	0458
221263	0287
221292	0656
221293	0787
221294	0747
221411	0323
221421	0068
221480	0108
221482	0065
221483	0111
221484	0044
221486	0191
221487	0192
221491	0709
221493	0115
221601	0213
221710	0010
221711	0045
221830	0397
221831	0744
221832	0713
221833	0407
221901	0443
221902	0731
221903	0050
221904	0609
221905	0714
221911	0605
222402	0085
222407	0105
222419	0218
222421	0087
222422	0089
222439	0118
222460	0024
222461	0034
222463	0025
222495	0497
222501	0769
222503	0925
222514	0890
222525	0630

Lucas Indiel	Nº ZEN	Lucas Indiel	Nº ZEN	Lucas Indiel	Nº ZEN	Lucas Indiel	Nº ZEN
222901	0440	223252	0450	223745	0570	227796	0740
223101	0006	223254	0453	223746	0572	227799	0742
223102	0020	223256	0460	223747	0573	227814	0102
223103	0028	223259	0475	223751	0580	227816	0492
223104	0035	223261	0482	223755	0584	227824	0459
223105	0036	223262	0486	223763	0594	227824	0868
223111	0097	223265	0496	223764	0595	227911	0771
223117	0348	223268	0509	223766	0597	227951	0741
223119	0520	223270	0533	223782	0619	227965	0741
223120	0575	223271	0540	223787	0629	228042	0389
223121	0729	223274	0579	223788	0632	228099	0441
223122	0745	223277	0603	223789	0633	228131	0162
223124	0786	223278	0610	223790	0634	228133	0467
223125	0799	223279	0612	223791	0635	228134	0469
223126	0837	223285	0631	223792	0636	228135	0740
223127	0846	223290	0720	223795	0639	228136	0742
223128	0866	223291	0732	223801	0646	228137	0741
223137	0013	223293	0748	223808	0657	228138	0743
223138	0015	223294	0770	223854	0706	228139	0468
223140	0022	223295	0796	223900	0775	228141	0155
223145	0032	223296	0805	223908	0784	228204	0438
223153	0051	223297	0806	223918	0797	228205	0439
223164	0064	223299	1208	223919	0798	228229	0753
223165	0067	223302	0838	223920	0800	228266	0772
223176	0080	223305	0855	223927	0809	228368	0762
223181	0088	223307	0779	223960	0852	228384	0762
223185	0093	223311	0366	223965	0861	228396	0860
223187	0096	223312	0367	223976	0875	229023	1635
223188	0101	223313	0378	223979	0879	229027	0978
223190	0110	223315	0571	224000	0900	229278	1622
223191	0112	223317	0131	224006	0906	229773	1091
223192	0114	223320	0223	224035	0935	229873	1090
223193	0117	223321	0292	224036	0936	229902	1636
223197	0133	223322	0351	224037	0937	229912	1637
223199	0140	223329	0532	224038	0938	229916	1602
223201	0144	223332	0641	224062	0962	229938	1596
223204	0087	223333	0752	224072	0972	229979	0932
223205	0150	223419	0100	224076	0976	229983	1026
223211	0182	223464	0184	224078	0978	229984	1026
223212	0188	223467	0189	224090	0990	229985	0942
223222	0228	223481	0215	224091	0991	229988	0836
223223	0243	223482	0216	224097	0997	32557814	0102
223224	0248	223486	0222	224098	0998	35255553	0244
223226	0286	223505	0245	224099	0999	35255870	0102
223227	0291	223555	0304	226660	1623	35256654	0441
223228	0293	223561	0310	227326	0183	35256777	0238
223231	0315	223569	0320	227327	0158	35256861	0102
223232	0319	223573	0325	227330	0445	35257090	0162
223235	0340	223585	0341	227331	0160	35257326	0244
223236	0352	223602	0362	227332	0161	35257330	0445
223237	0376	223605	0365	227336	0461	35257331	0160
223240	0394	223644	0426	227339	0238	35257332	0161
223241	0395	223657	0447	227344	0463	35257336	0462
223244	0404	223659	0454	227632	0120	35257340	0162
223249	0420	223664	0461	227783	0467	35257521	0467
223250	0448	223709	0528	227785	0468	35257525	0468

Lucas Indiel	N° ZEN
35257650	0469
35257707	0459
35257783	0467
35257798	0740
35257802	0742
35257814	0102
35257816	0492
35257820	0441
35257824	0868
35257911	0771
35257952	0741
35257963	0743
35258131	0162
35258133	0467
35258135	0740
35258136	0742
35258137	0741
35258138	0743
35258139	0468
35258229	0753
35258266	0772
35258384	0762
35258393	0469
35259278	1622
35259760	1091
35259916	1602
35259938	1596
35259978	1651
35260206	0826
35260290	0945
35260500	0991
35260810	0978
35260832	1595
35260838	1648
35260958	1604
35260975	1621
35260999	1623
35261112	1617
35261134	1603
35261299	1596
35261303	1092
35261360	1091
35261527	1603
4A504187	0160
4A54440	0161
54291022	1475
583514243	0158
K01554	1647
Magneti-Marelli	N° ZEN
51744826	0671
72138901	0407
72139001	0407
72139004	0910
72139007	0407
72159801	0601
72336117	1161

Magneti-Marelli	N° ZEN
72363401	0407
72363402	0407
72397101	0407
72397106	0407
74350412	0037
74350413	0037
74350433	0037
74372520	0035
74372530	0035
74372580	0036
74372630	0036
74827301	0608
74855301	0608
74860391	0120
74861441	0120
74861461	0120
74866151	0533
74866611	0213
74867401	0213
74869711	0768
74870651	0713
74870841	0744
74871431	0608
74874241	0213
74876851	0120
74886971	0408
74887061	0389
74888761	0395
74889271	0408
74891161	0394
74893901	0786
74893901	1227
74895431	0395
74896531	0786
74896531	1333
74896591	1117
74896851	1104
74898071	0394
74899601	0953
83226569	1025
85540011	0786
85540081	0786
85540081	1333
85540141	1104
85540151	0601
85540271	0213
85540321	0878
85540381	0786
85540381	1227
85540411	0786
85540411	1206
85540431	1117
85540451	1117
85540481	0395
85540491	0389
85540521	0394

Magneti-Marelli	N° ZEN
85540601	0408
85540661	0120
85540681	1477
85540751	0213
85540811	0120
85540881	0969
85540971	0779
85541030	0969
85541040	0878
85541080	1484
85541100	1496
85541160	1630
85541250	1169
85541270	1113
85541280	0999
85541381	1475
85541488	0823
85541503	0863
85541544	0823
85541690	1169
85541700	1025
85541780	0779
9945556	0779
9948333	1561
9948346	0779
Magneton	N° ZEN
443.937.150.860	0892
Man	N° ZEN
51262090008	12839
Mazda	N° ZEN
022224722	0144
029024830	0184
060423710	0341
134624709	0341
175723709	0144
489324722	0426
808824722	0352
859924740	0957
AM1518X25	0595
B30118400	0636
B30118X45	0636
B63018X45	0450
E35618X45	0450
F21418X25	0596
F8RU-88D004	1646
H83318X45	0352
Mercedes Benz	N° ZEN
0001515813	0221
0001517013	0105
0001517013	1364
0011511813	1038
0011512113	1485
0011513213	1038
3431517113	0025
3431517113	0034

Mitsuba	N° ZEN
31204PD1003	0815
M191X68785	1563
SM13	0751
Mitsubishi	N° ZEN
12071	0595
15171	1680
19071	1538
75571	1047
26241018	1682
93971	1063
K300	0144
K309	0340
K320	0144
M001T74281ZC	0825
M191T12070	0595
M191T12071	0595
M191T12171	0596
M191T12271	0597
M191T12272	0597
M191T12471	0595
M191T12571	0711
M191T12671	0679
M191T12871	0617
M191T12971	1592
M191T13271	0596
M191T13471	0712
M191T13571	0758
M191T13671	0806
M191T14271	0801
M191T14371	0825
M191T14671	0806
M191T15071	1024
M191T15271	0825
M191T16771	1018
M191T16971	1018
M191T22071	0450
M191T22271	0584
M191T22371	0450
M191T22471	0836
M191T22571	0853
M191T22771	0450
M191T22871	0584
M191T22971	0450
M191T23071	0450
M191T23171	0584
M191T23471	0450
M191T26171	0519
M191T26771	0636
M191T30171	0144
M191T30971	0144
M191T30972	0144
M191T30973	0144
M191T30974	0352
M191T31071	0426
M191T31871	0577
M191T32271	0427

Mitsubishi	N° ZEN	Mitsubishi	N° ZEN	Nippondenso	N° ZEN	Nippondenso	N° ZEN
M191T33071	0144	MD611211	0595	0283001542	0184	0283007910	1213
M191T33371	0352	MD611372	0450	0283001600	0947	0283711980	12609
M191T34071	0352	MD618963	1024	0283001601	0947	0283716190	12609
M191T35171	0352	MD619204	1567	0283001602	0947	0283007530	0948
M191T35271	0426	ME700121	0957	0283001603	9186	0283007710	0773
M191T602052	0144	ME700972	1046	0283001603	0947	0283007711	0773
M191T602059	0144	MM502531	1043	0283001660	0434	0283008000	0327
M191T65571	0670	SZ3132086030	0595	0283001690	0327	0283008100	10049
M191T66271	0669	Motorcraft	N° ZEN	0283001780	0607	0283008550	10049
M191T68771	1663	SDE354	1019	0283001790	0947	0283008600	10049
M191T76081	0801	Nashville	N° ZEN	0283001791	0947	0283010020	1211
M191T93971	1063	4520100	0439	0283001800	0947	0283010060	1212
M191T94071	1661	45210100	0438	0283001811	9349	0283716490	9506
M191X16771	1018	Nikko	N° ZEN	0283001840	0946	2801113060	0841
M191X16971	1018	0230001030	0894	0283001841	0946	2801154070	1215
M191X68071	1024	0230001031	0894	0283001842	0946	2801174011	12609
M191X68471	1567	0230001050	0894	0283001841	9260	2801174060	12609
M357T70171	1043	0230001070	0894	0283001860	0813	2801174070	1211
M357T70771	1043	0230001071	0894	0283001870	0342	280996200	0459
M357T707971	1043	0230001080	0894	0283001930	0339	2810054310	0921
M357T71671	0957	1235000010	0894	0283001951	0140	283000010	1201
M357T72671	1046	Nippondenso	N° ZEN	0283001970	1097	283004320	0765
M357T72672	1046	0280906580	1211	0283002000	0947	283005820	0830
M357T75571	1047	0280992700	0921	0283002011	9301	283006040	0967
M357T76171	0957	0280993088	9186	0283002100	0545	283006070	0809
M357X72672	1046	0280993090	9186	0283002110	0947	283006860	0750
M357X85273	1046	0280993210	9403	0283002111	0947	283006960	0809
M605X26971	9791	0280993230	9302	0283002270	0947	283007270	0816
M605X27971	12660	0280993270	9402	0283003320	0341	283007720	0817
M605X31971	12659	0280993310	9301	0283003321	0341	Nissan-Datsun	N° ZEN
M605X31971	12658	0280993380	9307	0283003350	0140	212025001	0448
M605X32471	9426	0280993400	9260	0283003490	0339	212045002	0448
M605X34971	9495	0280995590	12609	0283003570	0498	23300H6000	0349
M605X36171	12660	0280996011	12609	0283003571	0498	233120990	0141
M605X64571	12657	0280996200	9459	0283003590	0343	2331210600	0141
M605X65171	12812	0280996260	9307	0283003630	0947	2331210605	0141
M8T50071	0887	0280996300	9307	0283003631	0947	2331210G00	0790
M8T50171	0887	0280996310	9349	0283003690	9402	2331211M00	0790
MD02052	0144	0280996550	12609	0283003880	0686	233121E400	1021
MD600679	0144	0280996580	1211	0283004160	0947	2331221000	0141
MD602052	0144	0280996590	12609	0283004011	1097	2331221005	0141
MD602059	0327	0280998590	12609	0283004081	1097	2331231U00	1016
MD6020599	0144	0283000660	0140	0283004082	1097	2331231U01	1017
MD602678	0144	0283000800	0327	0283004390	0576	2331236A00	0793
MD602678	0327	0283000801	0327	0283004410	0498	2331237502	0448
MD602679	0144	0283000830	0341	0283005400	0841	2331237504	0448
MD604047	0184	0283000831	0341	0283005430	10049	2331242670	0595
MD604047	0341	028300085	0327	0283005450	9402	2331242L60	0634
MD604048	0184	0283000851	0184	0283005720	0950	2331243601	0141
MD604080	0184	0283000891	0549	0283005800	0951	2331250Y01	1020
MD607283	0352	0283000901	0140	0283006000	0773	2331276201	0448
MD607540	1043	0283000911	0140	0283006190	9349	2331290J00	0863
MD607789	12812	0283001020	0184	0283006940	0947	2331293J00	1062
MD607791	1047	0283001280	0434	0283006990	0818	23312AA050	1018
MD607894	0450	0283001390	0343	0283007160	1213	23312C0600	0429
MD608273	0352	0283001540	0184	0283007170	0818	23312D0100	0499

Nissan-Datsun	N° ZEN
23312E3000	0141
23312E3010	0144
23312E3300	0141
23312E6000	0141
23312E6700	0349
23312E6800	0351
23312E6801	0351
23312H5000	0349
23312H5001	0349
23312H6700	0349
23312H6900	0349
23312H9100	0737
23312J2003	0580
23312KA050	0517
23312M1500	0382
23312M15001	0382
23312M1501	0382
23312M4901	0737
23312M4902	0791
23312M8000	0517
23312M8101	0554
23312N0900	0141
23312N3300	0351
23312N5900	0737
23312N5903	0737
23312U6000	0351
23312V0601	0448
23312V5301	0737
23312V5302	0737
23312V6000	0351
23312Y0511	0352
23312Y0700	0351
23314T9000	0957
233312KA050	0517
233312V0601	0448
23354-0B710	1019
2335411M00	1200
2335416E01	1207
2335420R10	0596
233542L70	0595
2335430R10	0679
2335442L10	0450
2335442L11	0450
2335442L70	0595
2335453J11	0711
23354N5912	1043
23354T5000	0853
23354V0700	0790
2335704E10	0595
2335720H12	9495
23357M4901	9528
23357N5900	9488
23357W1700	9527
2354V0700	0790
4169960	0608
4226442	0608

Nissan-Datsun	N° ZEN
4474695	0608
4475032	0608
Onan	N° ZEN
1911087	0427
1911443	12660
1911953	0943
5586123	0204
5586123C	0121
1911087	0427
1911953	0943
5586123	0204
5586123C	0121
1911087	0427
1911953	0943
5586123	0204
5586123C	0121
Pal	N° ZEN
443937150171	0831
932208	0902
Paris-Rhone	N° ZEN
013610	0287
076980	0248
078862	0189
092079	0189
093297	0189
093623	0248
096118	0189
097062	0248
099931	0287
103066	0117
103611	0570
103624	0530
103790	0463
105325	0461
105538	0656
105540	0646
106140	0574
180826	0647
180827	0961
181068	0657
182412	0775
183917	0574
184448	0775
184530	0961
185182	0656
186020	0747
54457	0458
55105	0217
56380	1302
56380E	1302
594029	0775
594031	0775
70672	0217
70752	1302
95464	0285
95956	0216

Paris-Rhone	N° ZEN
95990	0215
97584	0463
99738	0571
99931	0287
99931	1187
Polaris	N° ZEN
3084981	0751
3240120	0749
4060119	0749
Porsche	N° ZEN
21013708620	0213
21301502	790
213065001	790
213075004	790
2331211M00	790
23354V0700	790
CT2213708600	0213
Prestolite	N° ZEN
2T0911335	1091
226660	1623
229912	1637
35260975	1621
35260999	1623
35261035	0945
35261303	1092
59225	0879
M029095036	1214
PD13A	0879
PD71	0117
PD8A	0188
Raisman	N° ZEN
OM-090-050	1656
OM-90-090	1673
OM-90-100	1669
OM-90-150	1669
OM-90-0V4/9	1670
Remy	N° ZEN
0215002001	0850
0800026	0052
0800069	0182
0800071	0182
10451980	0770
10452348	10003
10452918	1614
10455504	10003
10456422	0020
10456455	0629
10456455	1194
10457056	0629
10457056	1194
10457057	0649
10457057	1195
10457058	0650
10457058	1196
10457059	0651
10457059	1197

Remy	N° ZEN
10457060	0652
10457060	1198
10457121	0722
10457122	0721
10457141	0723
10457168	1196
10457178	0645
10457362	0985
10457368	0985
10457579	0629
10457579	1194
10465293	0756
10468675	0612
10469173	0611
10472565	1205
10473700	0612
10475540	1620
10475616	0756
10475958	0854
10475974	0770
10476528	1210
10476642	0774
10484659	1112
10487536	0783
10492409	0958
10497257	0752
10498438	0566
10498527	0611
10498623	0093
10498623	0568
10499852	0381
10499854	0567
10500277	1521
10500283	1521
10500475	1482
10501804	10003
10515810	1679
10503933	0985
10504515	10003
10524228	1112
1108481	0020
1109625	0110
1114087	0097
1838065	0135
1846089	1190
1851430	0051
1852410	0052
1852570	0052
1852716	0093
1852716	0568
1852970	0052
1865687	0522
1875687	0020
1875802	0566
1875852	0051
1875852	0566

Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN
1876857	0093	1932545	0117	1954437	0032	4019393	0568
1876857	0568	1932603	0879	1954842	0020	7363070	0010
1877333	0566	1932605	0117	1954867	0020	8000045	10003
1877350	0381	1932890	0051	1955777	0110	8000058	10003
1877353	0051	1932890	0566	1958621	1216	8000066	0110
1877353	0566	1933214	0032	1958842	0032	8000067	0626
1877354	0051	1933404	0930	1960370	0110	8000068	0097
1877355	0093	1933471	0093	1961372	0032	800965	0381
1877355	0568	1933471	0568	1964127	0093	830620	0110
1878079	1216	1933838	0381	1964127	0568	830621	0626
1881636	1216	1934488	0051	1964293	1216	830622	1190
1883768	0032	1935487	0110	1964300	0188	89017523	10003
1887463	1216	1935827	0020	1964302	0188	9000856	10003
1889129	0054	1935829	0020	1965358	0051	9000868	10003
1892899	0052	1935992	0052	1965358	0566	9000876	10003
1892899	0567	1936647	0097	1965538	0020	9000881	10003
1893560	0097	1937554	0977	1965723	0020	9000896	10003
1893561	0914	1938065	0135	1965923	0020	9000901	10003
1893562	0182	1938637	1216	1966931	0093	9000933	10003
1894211	0110	1938976	0032	1966931	0568	9000939	10003
1894212	0626	1939178	0032	1967042	0051	9000948	10003
1894213	0097	1939444	0050	1967779	0110	9000977	10003
1894214	0182	1939506	0013	1968355	0093	96051972	0570
1894216	0182	1940134	0051	1968355	0568	96051972	0576
1894220	0556	1940138	0051	1970527	0626	A43652	0112
1894221	0555	1941119	0093	1970711	0097	C2000	0054
1896767	0924	1941119	0568	1971147	1216	C2001	0050
19024518	0392	1941157	0093	1971167	0182	C2002	0054
19024520	0367	1941157	0568	1971707	0093	D2003	0013
19024525	0378	1942950	0093	1971707	0568	D2005	0052
19024527	0648	1942950	0568	1972281	0054	D2008	0020
19025715	0367	1945487	0110	1972282	0050	D2009	0052
1904170	1216	1945842	0020	1972286	0205	D2010	1216
1909204	1216	1945879	0626	1972287	0053	D2012	1216
1909514	0188	1946174	0556	1972365	0054	D2014	0020
1912766	1216	1946220	0052	1974355	0013	D2017	0051
1913587	1216	1946945	0097	1974655	0977	D2018	0050
1913589	1216	1946957	0097	1975046	0093	D2020	0020
1914341	0117	1947542	0381	1975046	0568	D2021	0052
1918079	0188	1947727	0020	1977004	0626	D2023	1216
1918219	1216	1947920	0182	1979835	0555	D2024	0093
1918866	0117	1948764	0188	1984511	0433	D2024	0568
1920669	0188	1948877	0381	1984511	1189	D2025	0093
1921998	0117	1950058	0093	1985129	0188	D2025	0568
1922266	1216	1950058	0568	1985131	0879	D2026	0566
1922419	0032	1950398	0032	1985132	0930	D2028	0013
1923288	0032	1950586	0182	1985262	0624	D2032	0433
1925079	1216	1951180	0051	1985262	0858	D2032	1189
1925285	1216	1951180	0566	1986244	0625	D2036	0567
1925871	1216	1952083	0110	1986244	0755	D2042	0093
1929402	0052	1952410	0052	1989214	0610	D2042	0568
1930802	0052	1952410	0567	3471040	0243	D2043	0566
1932031	0188	1952486	0051	3471490	0243	D2047	0610
1932185	0013	1952832	1216	3471912	0243	D2048	0611
1932188	0013	1953151	0914	37MT	0888	D2049	0020
1932526	0117	1953373	0110	4019393	0093	D2050	0612

Remy	N° ZEN
D2054	1195
D2107	0051
D4123	0051
DR2000	0243
DR2001	0243
DR2003	0243
DRA3002D	0767
ESP-281	1605
F2003	0205
F2004	0053
S5894	0454
Renault	N° ZEN
7701019295	0285
Sea Doo	N° ZEN
278001106	1218
295500089	0773
Skoda	N° ZEN
115904030	0831
1722	0892
Subaru	N° ZEN
23300KA270	0517
280992420	0339
492097002	0341
492866401	0517
892094112	0341
892096102	0341
Suzuki	N° ZEN
3132051A10	0951
3132060A10	0617
3132063210	0184
3132072031	0352
3132078310	0686
3132079030	0450
3132082010	0576
3132082130	0450
3132082139	0450
3132086030	0595
SWS	N° ZEN
11240001	9823
11812010	9702
Thermo King	N° ZEN
2801167030	1097
442910	0376
446676	0792
446676	9526
446681	0792
446681	9526
Toyota	N° ZEN
2801115010	0140
2801120540	0947
2801122010	0184
2801122020	0184
2801122021	0327
2801122022	0184
2801123020	0184
2801124020	0184

Toyota	N° ZEN
2801124060	0184
2801124080	0184
2801125012	0327
2801125020	0327
2801126020	0184
2801126041	0947
2801126041	9186
2801126042	0947
2801126042	9186
2801133033	0184
2801135030	0947
2801140041	0184
2801141010	0327
2801141011	0327
2801141012	0327
2801141020	0140
2801141020	0327
2801141020	0353
2801141021	0140
2801146010	0184
2801146013	0549
2801154010	9301
2801154070	0921
2801154380	0954
2801160040	0140
2801160041	0140
2801160041	0353
2801164010	1097
2801164030	1097
2801167030	1097
2801170020	0809
2801174011	12609
2801174060	12609
2801187102	0184
2801187704	0341
2810110710	0947
Tria	N° ZEN
116	0609
3143	0605
3902	0731
4424	0732
ZAA911335	0605
ZAE911335	0443
UTB	N° ZEN
2130004	0561
UTMS	N° ZEN
5712820-DV305M	0708
DV202749	0188
DV202750	0930
Valeo	N° ZEN
059427	1458
059527	1458
060527	0965
080327	0965
090800	1064
095464	0285

Valeo	N° ZEN
097062	0248
099931	0287
100327	0965
101310	1686
103066	0117
110427	1533
182047	0656
18205	843
182052	0936
182176	0961
182177	0647
182178	0657
182848	0843
184448	0775
184917	0287
185182	0656
185290	1074
185441	0747
185675	0961
185915	1023
186321	1162
186456	0961
186621	0117
186798	1209
186867	0787
186938	0787
187336	0965
187428	1152
187528	1458
187788	0843
187863	0965
187960	0787
187961	1209
187981	1209
187996	0965
188251	0965
188256	1074
188440	1064
188887	0787
190205	0843
191363	1618
220527	0965
230205	0843
250527	0965
260412	0965
270327	0965
290212	0965
290327	0965
300305	0843
494829	0843
494830	1064
494831	1534
494833	1533
583289	0574
583336	0574
584135	1023

Valeo	N° ZEN
584185	1023
594029	0775
594031	0775
594042	0961
594108	0747
594136	1074
594177	1209
594185	1023
594214	0787
594245	0656
594251	1162
594252	1209
594279	1458
594287	0965
594345	0843
612355	0189
681380	0244
BD7E17	0843
D7E15	0843
NE 212	0657
NE154	1302
NE156	0217
NE173	0285
NE180	0189
NE184	0248
NE197	0287
NE209	0656
NE210	0936
NE211	0647
NE307	0574
NE308	0574
NE314	0404
NE319	0189
NE324	0245
NE325	0244
NE563	0463
NE584	0463
NE603	0574
NE711	0117
NE776	0961
NE778	0775
NE784	0775
NE830	0747
NE831	1074
NE832	0961
NE834	1023
NE875	0787
NE877	1209
NE883	0656
NE885	1162
NE949	0965
NE971	0843
SS260300	1064
3616042300	1607
Visteon	N° ZEN
1C3U11350AB	1081

Visteon	N° ZEN
STRC019	0959
Volga	N° ZEN
4211.3708.600	1175
4211.3708.600-08	1176
42163708-01	1175
42163708-07	1176
Volkswagen	N° ZEN
02A911023	0482
04053926	0105
04053926	1364
04128642	0024
04128642	1359
049911335A	0482
052911335	0068
055911335B	0323
056911335	0068
056911335A	0068
059911335	0080
059911335B	0108
1006209655	1480
1006209760	1480
1119113354	0192
1119113356	0328
111911335B	0006
113911335C	0131
2431807	0036
3059112875	0348
3059113353	0065
311911335A	0065
78MU11350A	0108
80415	0015
85357	0044
9307667	0046
BC4N11350A	0024
BC4N11350A	1359
BD0A11350A	0056
BD5M11350A	0293
BD5T11350A	0085
BD5T11350A	1361
BD7D11350A	0082
T11911335A	0085
T11911335A	1361
TESH11350A	0505
ZBA911335	0068
ZBA911335A	0329
ZBC911335	0108
ZBC911335A	0293
W.A.I.	N° ZEN
542201	9781
5481201	9702
5481581	1608
Wapsa	N° ZEN
224001	0001
224001	0005
224002	0022
224004	0024

Wapsa	N° ZEN
224004	1359
224010	0025
224011	0193
224012	0192
224014	0049
224016	0056
224024	0084
224025	0073
224026	0085
224026	1361
224029	0070
224030	0071
224031	0086
224033	0045
224034	0010
224035	0104
224036	0081
224038	0024
224038	1359
224039	0126
224040	0125
224041	0114
224043	0024
224043	1359
224045	0186
224046	0329
224047	0328
224048	0348
224051	0293
224052	0294
224053	0293
224054	0505
224055	0529
224056	1190
224057	0622
2244	0024
2244	1359
2244036	0024
2244036	1359
480322	0627
Ww	N° ZEN
10060	0556
10061	0555
10120	0339
10121	0184
10127	0144
10501	0184
10502	0327
10504	0184
10639	0625
10639	0755
10640	0624
10671	0890
480115	0188
480321	0110
480322	0626

Ww	N° ZEN
480410	0117
480411	0097
480417	0182
480466	0013
Yamaha	N° ZEN
6K8818071000	0749
6M68183E0000	0749



Busca - Número Motor para Número Zen
Búsqueda - Número del Motor para el Número Zen
Search - Motor Number for Zen P/N#

Ace	37	Harley-Davidson	48	NSA	63
AES	37	Hitachi	48	Onan	63
AES New	37	Honda	50	Pal	63
AIM	37	Ingersoll-Rand	50	Paris-Rhone	63
Allis Chalmers	37	Ishikawjima	50	Peugeot	63
Amsco	37	Iskra	51	Porsche	63
Arc	37	Isuzu	51	Prestolite	63
Arrowhead	37	Italacciai	51	RCP	63
Autolite-Prestolite	37	Iveco	52	Remy	63
Beck Arnley	37	J&N	52	Renault	68
Bosch	37	John Deere (SLC)	52	Romaine	68
Bosch Reman	46	Johnson Electric	52	Subaru	68
Boston Auto	46	Kubota	52	Suzuki	68
Cargo	46	Leece-Neville	52	Thermo King	68
Case	46	Lester	52	Tigershark	68
Caterpillar	46	Lucas	52	Toyota	68
CBT	46	Lucas Indiel	54	TRW	69
Chrysler	46	Lucas Reman	54	United Technologies	69
Citroën	46	Magneti-Marelli	54	UTMS	69
Cummins	46	Man	55	Valeo	69
Daewoo	46	Mando	55	Visteon	70
DAF	46	Mazda	55	Volga	70
Daihatsu	46	Mercedes Benz	56	Volkswagen	70
Dixie	46	Mercury Marine	56	Volvo	70
Dubois	46	Mitsuba	56	W.A.I.	70
Ducellier	46	Mitsubishi	56	Wapsa	70
Efel	46	Motorcraft	58	Whatcom	70
Facet	46	Napa	58	Wilson	70
Femsa	46	Nastra	58	Woodauto	70
Fiat	47	New Holland	58	Worldwide	70
Ford	47	Nippondenso	58	Yamaha	70
General Motors	48	Nissan-Datsun	61	ZEN	70

Ace	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
CM7228	9823	0001107007	0799	0001107402	1619	0001108051	0482
AES	N° ZEN	0001107008	0799	0001107403	1619	0001108052	0482
17138	9702	0001107009	0745	0001107404	1619	0001108053	0482
S1935	9702	0001107012	0745	0001107405	1619	0001108054	0475
AES New	N° ZEN	0001107013	0745	0001107406	1619	0001108056	0482
17847N	1548	0001107014	0520	0001107407	1597	0001108057	0520
17847NOE	1548	0001107015	0745	0001107408	1619	0001108059	0900
6652N	9823	0001107016	0520	0001107409	1619	0001108060	0900
S1935N	9702	0001107017	0745	0001107410	1597	0001108061	0482
S1936N	9702	0001107018	0745	0001107415	1545	0001108062	0482
AIM	N° ZEN	0001107019	0745	0001107417	1597	0001108063	0475
SH-0093R	1548	0001107020	0799	0001107418	1597	0001108064	0482
SJ0053R	9702	0001107021	0799	0001107429	1641	0001108065	0475
Allis Chalmers	N° ZEN	0001107022	0729	0001107431	1545	0001108066	0532
1336643	0434	0001107023	0729	0001107432	1545	0001108068	0641
Amsco	N° ZEN	0001107025	0745	0001107437	1641	0001108069	0641
VS-17847	1548	0001107026	0745	0001108001	0482	0001108070	0641
Arc	N° ZEN	0001107027	0520	0001108002	0482	0001108071	0520
S1660	9702	0001107028	0520	0001108003	0482	0001108072	0482
Arrowhead	N° ZEN	0001107029	0520	0001108004	0520	0001108073	0482
SFD0055	9823	0001107030	0998	0001108007	0482	0001108074	0482
SHI0015	9702	0001107033	0475	0001108009	0482	0001108075	0803
SHI0032	9702	0001107034	0745	0001108010	0482	0001108076	0900
SMU0404	1548	0001107037	0925	0001108011	0482	0001108077	0900
Autolite-Prestolite	N° ZEN	0001107041	0520	0001108012	0482	0001108078	0482
C5AF/1A	0135	0001107043	0938	0001108013	0532	0001108079	0482
MES6101K	0117	0001107044	0745	0001108016	0482	0001108080	0482
MES6102K	0188	0001107045	0745	0001108017	0482	0001108081	0482
MES6103LUT	0188	0001107047	0976	0001108018	0482	0001108082	0520
MES6301K	0117	0001107048	0925	0001108019	0482	0001108083	0520
MFJ6201J	0117	0001107049	0852	0001108020	0520	0001108085	0482
MFJ6301D	0188	0001107052	0799	0001108021	0798	0001108086	0482
MFJ6306C	0188	0001107054	0925	0001108022	0482	0001108087	0520
MFY6101AUT	0117	0001107056	0745	0001108023	0482	0001108088	0482
MFY6104CUT	0188	0001107058	1065	0001108024	0482	0001108089	0482
MFY6201K	0117	0001107059	1156	0001108026	0482	0001108090	0482
MHB4011R	0050	0001107063	0976	0001108027	0482	0001108091	0803
MHB4012R	0050	0001107066	0998	0001108028	0482	0001108092	0803
MHB4013R	0050	0001107067	0925	0001108029	0482	0001108093	0482
MZ4205	0050	0001107068	0925	0001108030	0482	0001108094	0579
MZZ4658	0050	0001107069	0925	0001108031	0482	0001108095	0579
Beck Arnley	N° ZEN	0001107070	0745	0001108032	0532	0001108096	0900
1870556	9702	0001107070	0925	0001108033	0520	0001108097	0900
1870804	1548	0001107072	0925	0001108035	0482	0001108098	0482
1876182	9823	0001107073	0925	0001108037	0520	0001108099	0805
Bosch	N° ZEN	0001107074	0925	0001108038	0482	0001108100	0475
0000084013	0087	0001107076	0925	0001108039	0520	0001108101	0482
0001102218	1031	0001107077	0976	0001108040	0520	0001108102	0482
0001106011	0976	0001107078	0998	0001108042	0475	0001108103	0641
0001106014	0976	0001107079	0998	0001108043	0482	0001108104	0641
0001106015	0976	0001107082	1156	0001108044	0482	0001108105	0641
0001106017	0745	0001107085	1486	0001108045	0532	0001108106	0520
0001107003	0729	0001107087	0938	0001108046	0532	0001108107	0482
0001107004	0729	0001107091	0976	0001108047	0482	0001108108	0475
0001107005	0900	0001107098	0976	0001108048	0482	0001108110	0520
0001107006	0900	0001107401	1619	0001108050	1065	0001108111	0520

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
0001108112	0482	0001108217	1037	0001110023	0482	0001110106	0482
0001108113	0482	0001108218	1037	0001110024	0575	0001110107	0482
0001108115	0475	0001108222	1485	0001110025	0630	0001110110	1487
0001108117	0475	0001108223	1485	0001110026	0630	0001110111	0475
0001108120	0482	0001108400	1576	0001110027	0482	0001110112	1031
0001108121	0520	0001109001	0797	0001110029	0482	0001110112	1037
0001108122	0520	0001109002	0797	0001110030	0482	0001110113	0630
0001108123	0641	0001109006	0797	0001110031	0639	0001110118	0900
0001108124	0482	0001109009	0475	0001110032	0639	0001110119	0900
0001108125	0482	0001109014	1057	0001110033	0794	0001110120	1474
0001108126	0482	0001109014	1031	0001110039	0630	0001110122	0482
0001108127	0579	0001109014	1037	0001110041	0475	0001110128	0482
0001108129	0475	0001109015	1109	0001110042	0475	0001110999	0800
0001108130	0482	0001109018	0925	0001110043	0962	0001112003	0579
0001108131	0475	0001109025	1033	0001110044	0962	0001112005	0482
0001108132	0520	0001109026	1030	0001110045	0482	0001112007	0482
0001108134	0641	0001109028	1065	0001110046	0482	0001112008	0482
0001108135	0641	0001109029	1451	0001110048	0482	0001112009	0520
0001108136	0482	0001109030	1033	0001110049	0482	0001112010	0900
0001108137	1474	0001109031	1155	0001110051	0962	0001112011	0900
0001108139	0520	0001109033	1033	0001110052	0482	0001112012	0520
0001108140	0520	0001109034	1107	0001110053	0630	0001112013	0482
0001108143	0482	0001109035	1033	0001110054	0630	0001112015	0482
0001108144	1474	0001109036	1031	0001110055	0630	0001112016	0520
0001108145	0475	0001109036	1037	0001110061	0639	0001112020	0520
0001108147	0798	0001109040	1474	0001110062	0639	0001112021	0482
0001108148	0482	0001109052	1109	0001110064	0962	0001112027	0482
0001108149	0482	0001109062	1109	0001110065	0962	0001112028	0482
0001108150	0482	0001109066	1631	0001110066	1067	0001112029	0482
0001108151	0803	0001109067	1631	0001110067	1067	0001112033	0520
0001108152	0520	0001109205	1642	0001110069	0520	0001112041	0976
0001108153	0482	0001109250	1031	0001110070	0520	0001112044	0976
0001108154	0803	0001109250	1037	0001110071	1486	0001113001	0482
0001108155	0520	0001109300	1650	0001110072	1486	0001113003	0520
0001108156	1474	0001109301	1650	0001110075	0630	0001113004	0482
0001108157	0997	0001109304	1642	0001110076	0579	0001113005	0520
0001108160	0641	0001109305	1642	0001110077	0579	0001113007	0482
0001108162	0925	0001109306	1650	0001110078	0630	0001113009	0520
0001108166	0925	0001109307	1650	0001110079	0630	0001113010	0938
0001108167	0925	0001110001	0579	0001110082	0630	0001113013	0482
0001108169	0997	0001110001	0619	0001110084	0639	0001113017	0938
0001108171	0976	0001110002	0579	0001110085	0639	0001114003	0482
0001108172	0925	0001110003	0630	0001110086	0900	0001114005	0579
0001108173	0925	0001110005	0630	0001110087	0900	0001114008	0520
0001108174	0925	0001110009	0613	0001110088	0962	0001114009	0900
0001108175	0925	0001110010	0613	0001110089	0630	0001114010	0900
0001108176	0976	0001110012	0482	0001110090	1474	0001114014	0520
0001108180	1058	0001110013	0520	0001110091	0630	0001114015	0482
0001108181	0998	0001110013	0962	0001110092	0630	0001114016	0482
0001108182	1058	0001110014	0579	0001110095	0630	0001114017	0520
0001108183	1031	0001110016	0630	0001110098	0579	0001114020	0520
0001108183	1037	0001110017	0800	0001110100	0482	0001114021	0520
0001108184	0976	0001110018	1065	0001110101	0482	0001114022	0520
0001108186	1058	0001110019	0520	0001110102	0630	0001115001	1031
0001108197	1485	0001110019	0962	0001110104	0962	0001115001	1037
0001108217	1031	0001110022	0482	0001110105	0962	0001115002	0925

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
0001115005	1485	0001125039	0972	0001208033	0080	0001208521	0520
0001115006	0976	0001125046	1655	0001208036	0080	0001208528	0482
0001115007	0925	0001125047	1655	0001208038	0080	0001208705	0482
0001115008	1031	0001125048	1655	0001208040	0068	0001208706	0520
0001115008	1037	0001125049	1655	0001208040	0307	0001208707	0482
0001115009	1485	0001125501	1480	0001208046	0080	0001208709	0482
0001115035	0475	0001125502	1480	0001208047	0080	0001208710	0482
0001115049	1485	0001125503	1480	0001208049	0220	0001208711	0482
0001115050	1485	0001125504	1480	0001208050	0080	0001208713	0482
0001116001	1153	0001125511	1480	0001208053	0068	0001208714	0482
0001116003	0976	0001125605	1655	0001208054	0068	0001208715	0520
0001120400	1632	0001125606	1655	0001208055	0068	0001208717	0482
0001120401	1632	000114004	0482	0001208055	0307	0001208718	0520
0001120404	1632	0001157013	0325	0001208058	0080	0001209001	0223
0001120405	1632	0001157021	0325	0001208059	0080	0001209002	0080
0001120406	1632	0001157023	0325	0001208061	0080	0001209003	0080
0001120407	1632	0001157024	0108	0001208200	0108	0001209006	0223
0001120408	1632	0001157025	0108	0001208201	0108	0001209008	0080
0001120409	1632	0001157028	0108	0001208202	0108	0001209012	0080
0001120410	1632	0001157029	0108	0001208204	0361	0001209014	0223
0001120411	1632	0001157030	0108	0001208206	0108	0001211006	0080
0001121006	1108	0001160003	0131	0001208208	0108	0001211010	0080
0001121007	1108	0001160013	0131	0001208209	0108	0001211012	0131
0001121008	1069	0001201009	0015	0001208211	0108	0001211018	0080
0001121009	1069	0001201010	0015	0001208216	0108	0001211020	0223
0001121010	1108	0001203008	0015	0001208217	0108	0001211025	0307
0001121011	1108	0001203016	0044	0001208218	0111	0001211146	0857
0001121016	1069	0001203016	0227	0001208220	0222	0001211206	0220
0001121018	1069	0001203024	0015	0001208223	0222	0001211207	0108
0001121408	1632	0001203025	0015	0001208224	0108	0001211209	0068
0001121409	1632	0001203026	0015	0001208225	0108	0001211210	0068
0001121410	1632	0001205005	0006	0001208226	0108	0001211213	0068
0001121411	1632	0001205012	0006	0001208227	0108	0001211214	0068
0001122400	1632	0001205016	0006	0001208228	0108	0001211215	0108
0001122401	1632	0001205017	0015	0001208229	0108	0001211216	0068
0001124001	0937	0001207003	0223	0001208232	0222	0001211217	0068
0001124003	0932	0001207006	0223	0001208233	0108	0001211218	0068
0001124005	0937	0001207010	0080	0001208400	0108	0001211219	0068
0001124006	0937	0001207012	0223	0001208405	0108	0001211220	0068
0001124011	0972	0001207014	0223	0001208408	0111	0001211221	0229
0001124013	0932	0001207015	0223	0001208409	0222	0001211222	0229
0001125001	0937	0001207016	0131	0001208411	0323	0001211223	0323
0001125002	0937	0001207018	0131	0001208412	0323	0001211224	0323
0001125003	0972	0001207019	0131	0001208416	0323	0001211227	0222
0001125005	0932	0001208001	0080	0001208417	0323	0001211228	0222
0001125006	0932	0001208003	0080	0001208418	0323	0001211229	0108
0001125007	0937	0001208004	0223	0001208423	0222	0001211230	0068
0001125008	0937	0001208006	0223	0001208501	0482	0001211233	0068
0001125011	0937	0001208007	0223	0001208507	0482	0001211234	0068
0001125012	0937	0001208009	0080	0001208510	0482	0001211235	0068
0001125013	0937	0001208011	0080	0001208513	0520	0001211236	0068
0001125016	1655	0001208023	0080	0001208514	0520	0001211239	0222
0001125017	1655	0001208025	0080	0001208515	0482	0001211242	0108
0001125018	1655	0001208026	0080	0001208516	0482	0001211244	0068
0001125019	1655	0001208030	0080	0001208517	0482	0001211245	0068
0001125031	0937	0001208032	0223	0001208518	0482	0001211246	0111

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
0001211247	0068	0001218021	0572	0001223505	1027	0001311023	0080
0001211248	0068	0001218022	0632	0001223555	1027	0001311024	0080
0001211249	0068	0001218023	0706	0001230001	1038	0001311025	0223
0001211251	0229	0001218024	0875	0001230004	1159	0001311027	0080
0001211252	0229	0001218025	0631	0001230006	1038	0001311028	0080
0001211253	0229	0001218026	0573	0001230007	1038	0001311030	0080
0001211254	0229	0001218027	0573	0001230007	1157	0001311031	0080
0001211255	0323	0001218028	0573	0001230008	1159	0001311032	0080
0001211256	0323	0001218029	0572	0001230009	1157	0001311034	0080
0001211257	0323	0001218101	0875	0001230010	1157	0001311036	0080
0001211258	0323	0001218102	0875	0001230012	1038	0001311037	0080
0001211500	0482	0001218103	0875	0001230013	1038	0001311038	0362
0001211501	0482	0001218105	1171	0001231001	1159	0001311039	0080
0001211502	0482	0001218106	0632	0001231002	1038	0001311041	0068
0001211503	0482	0001218107	0631	0001231003	1038	0001311042	0300
0001211504	0482	0001218108	0572	0001231004	1160	0001311045	0223
0001211505	0482	0001218109	0572	0001231005	1038	0001311046	0068
0001211510	0482	0001218110	0572	0001231008	1178	0001311048	0362
0001211512	0520	0001218115	0631	0001231009	1159	0001311049	0068
0001211513	0520	0001218116	0851	0001231010	1157	0001311050	0638
0001211514	0482	0001218120	0631	0001231011	1157	0001311051	0638
0001211515	0520	0001218125	0706	0001231012	1159	0001311100	0361
0001211525	0482	0001218126	0706	0001231014	1179	0001311101	0108
0001211536	0482	0001218128	1171	0001231016	1159	0001311103	0108
0001211987	0307	0001218129	0632	0001231018	1038	0001311104	0108
0001211988	0307	0001218135	0573	0001231026	1159	0001311105	0108
0001211989	0220	0001218136	0573	0001231027	1159	0001311106	0108
0001211991	0080	0001218157	1072	0001231033	1038	0001311107	0108
0001211992	0065	0001218159	0875	0001231039	1159	0001311108	0108
0001211992	0323	0001218162	1071	0001241001	12839	0001311109	0108
0001211993	0065	0001218165	1071	0001241003	12839	0001311110	0108
0001211993	0323	0001218166	1170	0001241004	12839	0001311112	0108
0001211995	0307	0001218168	0861	0001241005	12839	0001311113	0222
0001211996	0307	0001218172	0929	0001241006	12839	0001311114	0108
0001211998	0323	0001218174	0875	0001241007	12839	0001311116	0111
0001212006	0325	0001218177	0573	0001241014	12839	0001311117	0108
0001214001	0223	0001218772	0929	0001241015	12839	0001311118	0108
0001217174	0875	0001219001	0572	0001241019	12839	0001311119	0111
0001218001	0631	0001219004	0631	0001241020	12839	0001311120	0108
0001218002	0632	0001219007	0572	0001304002	0015	0001311121	0108
0001218004	0631	0001219008	0631	0001304012	0015	0001311122	0108
0001218005	0631	0001219009	0572	0001304013	0015	0001311123	0111
0001218006	0572	0001223001	1643	0001305008	0015	0001311124	0108
0001218007	0706	0001223002	1472	0001305016	0044	0001311125	0108
0001218008	0631	0001223003	1158	0001305016	0227	0001311126	0108
0001218009	0573	0001223005	1629	0001308006	0044	0001311127	0108
0001218010	0631	0001223006	1629	0001308006	0227	0001311128	0361
0001218011	0573	0001223007	1158	0001310005	0223	0001311129	0111
0001218012	0631	0001223010	1022	0001310010	0223	0001311130	0111
0001218013	0631	0001223013	1022	0001310013	0223	0001311131	0108
0001218014	0875	0001223016	1483	0001310016	0080	0001311132	0108
0001218015	0632	0001223021	1483	0001311001	0080	0001311133	0111
0001218016	0572	0001223024	1158	0001311007	0223	0001311136	0108
0001218017	0631	0001223500	1026	0001311013	0080	0001311137	0108
0001218018	0631	0001223503	1624	0001311016	0223	0001311139	0108
0001218019	0875	0001223504	1624	0001311019	0080	0001311140	0108

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
0001311141	0108	0001317022	0420	0001358201	0313	0001359083	1364
0001311143	0108	0001317023	0633	0001358202	0313	0001359084	0105
0001311145	0108	0001317024	0781	0001359001	0101	0001359084	1364
0001311146	0361	0001317025	0420	0001359002	0302	0001359087	0105
0001311147	0108	0001352003	0015	0001359003	0101	0001359087	1364
0001313001	0080	0001354006	1076	0001359004	0392	0001359089	0105
0001313003	0221	0001354010	0226	0001359006	0101	0001359089	1364
0001313004	0139	0001354010	0227	0001359006	0316	0001359090	0497
0001313004	0221	0001354012	1076	0001359007	0101	0001359091	0105
0001313005	0221	0001354016	0028	0001359008	0118	0001359091	1364
0001313006	0221	0001354021	1076	0001359008	0302	0001359097	0105
0001313007	0221	0001354025	1076	0001359009	0302	0001359097	1364
0001314001	0300	0001354026	0224	0001359010	0101	0001359099	0392
0001314002	0221	0001354029	0227	0001359011	0302	0001359100	0105
0001314005	0221	0001354032	0224	0001359012	0301	0001359100	1364
0001314010	0638	0001354034	0227	0001359014	0301	0001359101	0105
0001314012	0065	0001354036	0227	0001359016	0304	0001359101	1364
0001314012	0323	0001354040	0227	0001359019	0101	0001359104	0661
0001314013	0323	0001354041	1076	0001359020	0302	0001359106	0392
0001314014	0068	0001354046	0227	0001359021	0460	0001359108	0392
0001314015	0068	0001354048	1076	0001359024	0101	0001359109	0661
0001314017	0417	0001354049	0227	0001359025	0301	0001359110	0661
0001314018	0108	0001354055	1076	0001359027	0301	0001359111	0105
0001314025	0361	0001354064	0028	0001359031	0105	0001359111	1364
0001314026	0857	0001354065	0227	0001359031	1364	0001359112	0392
0001314027	0361	0001354068	1076	0001359034	0302	0001359113	0105
0001314027	0857	0001354076	0028	0001359040	0101	0001359113	1364
0001314028	0857	0001354080	0318	0001359043	0301	0001359118	0105
0001314029	0361	0001354082	0318	0001359050	0101	0001359118	1364
0001314029	0857	0001354084	0105	0001359053	0392	0001359119	0105
0001314030	0857	0001354084	1364	0001359055	0105	0001359119	1364
0001314033	0361	0001354085	1076	0001359055	1364	0001359122	0315
0001314033	0857	0001354087	1076	0001359056	0392	0001359124	0392
0001314034	0361	0001354088	0318	0001359057	0105	0001360002	0101
0001314034	0857	0001354091	0318	0001359057	1364	0001360002	0316
0001314035	0361	0001354092	0318	0001359060	0392	0001360003	0101
0001314035	0857	0001354093	0318	0001359062	0105	0001360004	0105
0001314036	0361	0001354097	0318	0001359062	1364	0001360004	1364
0001314036	0857	0001354099	0318	0001359064	0118	0001360009	0101
0001314037	0857	0001354100	0318	0001359067	0118	0001360013	0302
0001314038	0361	0001354103	0318	0001359067	0661	0001360016	0101
0001314038	0857	0001355004	0227	0001359069	0661	0001360020	0302
0001314047	0931	0001355009	1076	0001359071	0105	0001360025	0105
0001316004	0420	0001355014	0318	0001359071	1364	0001360025	1364
0001316004	0857	0001355015	0318	0001359072	0105	0001360027	0105
0001316012	0931	0001358017	0225	0001359072	1364	0001360027	1364
0001317007	0420	0001358018	0226	0001359073	0105	0001360029	0392
0001317008	0420	0001358020	0226	0001359073	1364	0001360030	0105
0001317009	0406	0001358027	0226	0001359074	0105	0001360030	1364
0001317010	0406	0001358030	0034	0001359074	1364	0001360031	0105
0001317011	0428	0001358033	0226	0001359075	0392	0001360031	1364
0001317012	0428	0001358038	0225	0001359076	0392	0001360032	0105
0001317013	0420	0001358046	0225	0001359077	0308	0001360032	1364
0001317016	0428	0001358047	0225	0001359081	0661	0001360033	0392
0001317017	0428	0001358049	0301	0001359082	0661	0001360034	0105
0001317018	0406	0001358051	0101	0001359083	0105	0001360034	1364

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
0001360035	0105	0001362038	0228	0001362309	0367	0001365008	1364
0001360035	1364	0001362039	0291	0001362311	0366	0001366001	0366
0001360036	0105	0001362040	0366	0001362312	0635	0001366004	0366
0001360036	1364	0001362041	0366	0001362313	0366	0001366005	1005
0001360037	0105	0001362042	0447	0001362314	0366	0001366006	1005
0001360037	1364	0001362045	0365	0001362316	0635	0001366008	0378
0001360038	0105	0001362046	0366	0001362319	0635	0001366009	0366
0001360038	1364	0001362047	0228	0001362321	0635	0001366011	0447
0001360039	0105	0001362048	0677	0001362322	0291	0001366012	0447
0001360039	1364	0001362049	0677	0001362323	0291	0001366013	1005
0001360040	0105	0001362050	0366	0001362324	0418	0001366014	0366
0001360040	1364	0001362051	0367	0001362600	0228	0001366015	0366
0001360041	0392	0001362053	0366	0001362601	0228	0001366017	0366
0001360042	0392	0001362059	0447	0001362602	0460	0001366018	0367
0001360043	0315	0001362061	0365	0001362603	0460	0001366019	0538
0001360046	0105	0001362062	0291	0001362605	0228	0001366020	0366
0001360046	1364	0001362063	0367	0001362606	0460	0001366021	0367
0001360047	0105	0001362064	0378	0001362607	0460	0001366022	0366
0001360047	1364	0001362069	0228	0001362700	0764	0001366024	0447
0001360049	0105	0001362070	0228	0001362701	0764	0001366026	1001
0001360049	1364	0001362071	0320	0001362702	0764	0001366027	0447
0001360050	0118	0001362072	0366	0001363002	0312	0001367001	0367
0001360054	0392	0001362073	0291	0001363002	0366	0001367002	0418
0001360055	0661	0001362074	0366	0001363101	0310	0001367004	0367
0001360056	0105	0001362075	0366	0001363104	0365	0001367005	0367
0001360056	1364	0001362076	0366	0001363105	0447	0001367006	0419
0001360057	0105	0001362077	0228	0001363106	1180	0001367007	0367
0001360057	1364	0001362078	0228	0001363107	0366	0001367008	0378
0001360059	0105	0001362079	0365	0001363109	0366	0001367009	0378
0001360059	1364	0001362081	0460	0001363110	0366	0001367010	0367
0001360061	0105	0001362083	0228	0001363111	0291	0001367011	0367
0001360061	1364	0001362084	0677	0001363112	0366	0001367012	0367
0001360063	0315	0001362085	1003	0001363113	0366	0001367013	0378
0001360064	0392	0001362086	0365	0001363115	0366	0001367014	0367
0001360065	0105	0001362091	0366	0001363116	0367	0001367015	0378
0001360065	1364	0001362092	0447	0001363117	0447	0001367017	0418
0001362001	0319	0001362093	0419	0001363118	0378	0001367018	0378
0001362002	0319	0001362094	1005	0001363120	1180	0001367019	0367
0001362003	0319	0001362094	1003	0001363122	0291	0001367020	0418
0001362004	0319	0001362095	0447	0001363125	0447	0001367021	0367
0001362012	0312	0001362096	0367	0001363126	0365	0001367022	0419
0001362013	0312	0001362097	0367	0001364100	0308	0001367023	0367
0001362016	0312	0001362099	1003	0001364101	0392	0001367024	0378
0001362017	0312	0001362100	0677	0001364102	0392	0001367026	0367
0001362021	0312	0001362102	0291	0001364103	0392	0001367027	0367
0001362024	0312	0001362104	1004	0001364104	0392	0001367028	0648
0001362027	0319	0001362105	1624	0001364105	0308	0001367029	0648
0001362028	0319	0001362300	0367	0001364108	0105	0001367030	0367
0001362029	0319	0001362301	0378	0001364108	1364	0001367031	0367
0001362030	0319	0001362302	0418	0001364203	0760	0001367032	0378
0001362032	0310	0001362303	0378	0001364206	0760	0001367033	0367
0001362033	0312	0001362304	0378	0001365004	0308	0001367034	0367
0001362034	0366	0001362305	0366	0001365005	0118	0001367035	0419
0001362035	0447	0001362306	0367	0001365007	0105	0001367037	0635
0001362036	0366	0001362307	0528	0001365007	1364	0001367039	0367
0001362037	0320	0001362308	0366	0001365008	0105	0001367041	0419

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
0001367042	0419	0001368033	0367	0001372002	0920	0001410041	0218
0001367043	0378	0001368034	0418	0001372003	0920	0001410043	0218
0001367045	0367	0001368035	0367	0001372004	0920	0001410044	0087
0001367046	0367	0001368036	0419	0001372005	0920	0001410046	0087
0001367047	0418	0001368038	0419	0001372006	0920	0001410047	0078
0001367048	0418	0001368039	0378	0001372007	0920	0001410050	0087
0001367049	0367	0001368040	0418	0001372008	0920	0001410052	0218
0001367050	0367	0001368041	0378	0001400152	0035	0001410058	0218
0001367051	0418	0001368043	0538	0001401002	0036	0001410062	0087
0001367052	0367	0001368044	0418	0001401007	0035	0001410063	0087
0001367054	0814	0001368046	0378	0001401025	0035	0001410063	0122
0001367055	0419	0001368047	0367	0001401041	0035	0001410063	0133
0001367056	0419	0001368049	0378	0001401044	0036	0001410067	1181
0001367057	0418	0001368050	0378	0001401045	0036	0001410068	1181
0001367059	0367	0001368051	0419	0001401046	0036	0001410069	0087
0001367061	0784	0001368052	0418	0001401049	0035	0001410074	0087
0001367063	0419	0001368055	0367	0001401050	0035	0001410077	0087
0001367066	0418	0001368058	0378	0001401051	0035	0001410078	0218
0001367067	0378	0001368059	0635	0001401052	0035	0001410083	0218
0001367068	0367	0001368060	0418	0001401061	0035	0001410087	0087
0001367070	0418	0001368062	0367	0001401066	0035	0001410088	0218
0001367071	0418	0001368063	0367	0001401074	0035	0001410089	0122
0001367072	0970	0001368068	0418	0001402002	0036	0001410089	0133
0001367074	0367	0001368069	0970	0001402008	0035	0001410089	0218
0001367300	0367	0001368070	0418	0001402050	0035	0001410090	0218
0001367301	0367	0001368071	0378	0001402051	0036	0001410094	0078
0001367302	0418	0001368072	0418	0001402052	0036	0001410098	0087
0001368001	0367	0001368076	0418	0001402053	0036	0001410102	0087
0001368002	0367	0001368077	1002	0001402054	0035	0001410106	0087
0001368003	0367	0001368082	0418	0001402055	0035	0001410111	0087
0001368005	0367	0001368083	0970	0001402057	0036	0001410115	0087
0001368006	0378	0001368300	0367	0001402058	0035	0001410116	1181
0001368007	0367	0001368301	0367	0001402059	0035	0001411005	0087
0001368008	0367	0001368302	0367	0001402060	0035	0001411007	0088
0001368009	0378	0001368306	0418	0001402061	0035	0001411009	0218
0001368010	0367	0001368307	0367	0001402071	0035	0001411010	0087
0001368011	0367	0001368309	0367	0001402075	0035	0001411012	0087
0001368012	0367	0001369001	0635	0001402080	0035	0001411013	0087
0001368013	0367	0001369005	0635	0001402081	0035	0001411014	0218
0001368014	0367	0001369007	0970	0001402083	0035	0001411015	0087
0001368015	0378	0001369009	0378	0001410015	0218	0001411016	0087
0001368017	0367	0001369014	0366	0001410016	0218	0001411036	0087
0001368018	0367	0001369019	0970	0001410019	0087	0001413001	0218
0001368019	0648	0001369025	0970	0001410021	0122	0001413004	0218
0001368020	0648	0001370001	1190	0001410021	0133	0001413006	0218
0001368021	0367	0001370003	0920	0001410021	0218	0001413010	0218
0001368022	0367	0001371004	0920	0001410022	0218	0001413018	0087
0001368023	0418	0001371005	0920	0001410026	0078	0001414003	0218
0001368024	0367	0001371006	0920	0001410027	0078	0001414008	0087
0001368025	0378	0001371007	0920	0001410029	0218	0001414009	0218
0001368026	0419	0001371008	0920	0001410032	0087	0001414010	0218
0001368027	0419	0001371009	0920	0001410034	0087	0001414011	0218
0001368028	0367	0001371010	0920	0001410035	0078	0001414015	0218
0001368030	0367	0001371013	0920	0001410037	0087	0001414018	0218
0001368031	0367	0001371015	0920	0001410041	0122	0001414019	0087
0001368032	0367	0001372001	0920	0001410041	0133	0001414022	0218

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
0001415001	0218	0001501005	0037	900082024	0108	900083014	0034
0001415002	0218	0001501020	0036	900082025	0108	900083015	1076
0001415006	0218	0001501032	0036	900082028	0163	900083018	0034
0001415007	0078	0001501036	0037	900082029	0077	900083019	0060
0001415008	0087	0001501038	0035	900082030	0068	900083020	0034
0001415009	0087	0001510020	1111	900082032	0065	900083024	0092
0001415010	0218	0001510025	1111	900082033	0108	900083025	0092
0001415011	0087	0001510031	1111	900082034	0065	900083027	0105
0001415013	0087	0001510032	1111	900082035	0108	900083027	1364
0001415017	0087	0001510037	1111	900082036	0108	900083028	0105
0001415020	1181	0001510038	1111	900082039	0111	900083028	1364
0001415027	0218	0001510041	1111	900082040	0060	900083029	0034
0001416002	0218	0986016950	1643	900082040	0111	900083030	0059
0001416003	0087	0986021240	1641	900082041	0108	900083031	0105
0001416004	0078	0986021640	1650	900082042	0108	900083031	1364
0001416005	0087	0986021810	1642	900082043	0108	900083035	0118
0001416009	0087	2164	1650	900082045	0068	900083036	0105
0001416013	0218	2339402220	12839	900082046	0065	900083036	1364
0001416017	0218	6004AA0003	1545	900082047	0065	900083038	0118
0001416022	0218	6004AA0008	1545	900082048	0108	900083039	0303
0001416023	0218	6004AA0017	1467	900082049	0065	900083040	0060
0001416024	0218	6004AA0027	1545	900082050	0108	900083041	0118
0001416026	0218	6004AA3009	1470	900082051	0108	900083042	0118
0001416028	0218	6033AD0J00	1550	900082053	0111	900083043	0315
0001416061	0089	6033AD1100	1550	900082054	0108	900083045	0105
0001416071	0087	9000453072	0668	900082055	0108	900083045	1364
0001417001	0218	9000453080	0668	900082058	0108	900083046	0105
0001417016	0087	90000143101	0302	900082059	0108	900083046	1364
0001417023	0087	9000062014	0108	900082061	0111	900083050	0105
0001417028	0218	9000081001	0729	900082062	0323	900083050	1364
0001417036	0218	9000081002	0729	900082063	0108	900083051	0118
0001417042	0087	9000081003	0837	900082064	0108	900083052	0105
0001417047	0087	9000081004	0745	900082065	0108	900083052	1364
0001417055	0087	9000081005	0855	900082066	0111	900083053	0105
0001417065	0089	9000081006	0866	900082067	0108	900083053	1364
0001417068	0087	9000081007	0866	900082069	0108	900083054	0105
0001417075	0089	9000081008	0855	900082070	0111	900083054	1364
0001418010	0087	9000081009	0846	900082071	0108	900083055	0118
0001420001	0117	9000081010	0933	900082073	0065	900083056	0105
0001420003	0117	9000082000	0006	900082074	0108	900083056	1364
0001420004	0117	9000082001	0015	900082075	0108	900083058	0118
0001420005	0117	9000082003	0191	900082076	0108	900083059	0118
0001420009	0117	9000082004	0062	900082077	0065	900083060	0105
0001420013	0117	9000082005	0044	900082078	0108	900083060	1364
0001420014	0117	9000082006	0046	900082079	0111	900083061	0105
0001420015	0117	9000082009	0065	900082080	0111	900083061	1364
0001420024	0117	9000082010	0044	900082083	0111	900083062	0118
0001420025	0117	9000082012	0080	900082085	0111	900083063	0105
0001421001	0117	9000082013	0077	900083000	0043	900083063	1364
0001421002	0117	9000082015	0015	900083001	0034	900083064	0105
0001421003	0117	9000082017	0115	900083002	0059	900083064	1364
0001421004	0117	9000082020	0034	900083003	0060	900083065	0105
0001421006	0117	9000082020	0077	900083004	0061	900083065	1364
0001421008	0117	9000082021	0111	900083011	0034	900083066	0105
0001501001	0035	9000082022	0046	900083012	0034	900083066	1364
0001501003	0036	9000082023	0080	900083013	0060	900083067	0105

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
900083067	1364	900084022	0133	9000453001	0024	9000453049	0024
900083068	0105	900084023	0088	9000453001	1359	9000453049	1359
900083068	1364	900084023	0133	9000453004	0024	9000453050	0024
900083069	0496	900084024	0089	9000453004	1359	9000453050	1359
900083071	0497	900084026	0089	9000453005	0024	9000453051	0024
900083072	0668	900085004	0036	9000453005	1359	9000453051	1359
900083074	0105	9000141100	0325	9000453006	0024	9000453052	0024
900083074	1364	9000141101	0325	9000453006	1359	9000453052	1359
900083075	0497	9000141103	0325	9000453007	0186	9000453053	0081
900083076	0497	9000141107	0325	9000453008	0186	9000453053	0084
900083077	0748	9000141108	0325	9000453009	0024	9000453054	0024
900083077	1372	9000141111	0325	9000453009	1359	9000453054	1359
900084007	0089	9000141112	0325	9000453011	0024	9000453055	0056
900084007	0122	9000141114	0325	9000453011	1359	9000453057	0505
900084007	0133	9000141116	0108	9000453012	0085	9000453059	0024
900084008	0088	9000142001	0108	9000453012	1361	9000453059	1359
900084008	0122	9000142002	0108	9000453013	0125	9000453061	0024
900084008	0133	9000142003	0108	9000453014	0024	9000453061	1359
900084009	0089	9000142100	0111	9000453014	1359	9000453062	0085
900084009	0122	9000142102	0108	9000453015	0024	9000453062	1361
900084009	0133	9000143204	1005	9000453015	1359	9000453064	0622
900084010	0087	9000143305	0392	9000453016	0024	9000453065	0622
900084010	0122	9000143408	0228	9000453016	1359	9000453066	1190
900084010	0133	9000143412	0418	9000453017	0024	9000453067	0622
900084011	0087	9000143415	0418	9000453017	1359	9000453068	0622
900084011	0122	9000143416	0418	9000453018	0084	9000453073	0118
900084011	0133	9000331201	1070	9000453019	0024	9000453074	0105
900084012	0087	9000331203	1070	9000453019	1359	9000453074	1364
900084012	0122	9000331406	1174	9000453024	0505	9000453075	0497
900084012	0133	9000331411	1172	9000453025	0070	9000453076	0497
900084013	0087	9000331414	1072	9000453027	0085	9000453082	0105
900084013	0122	9000331418	0838	9000453027	1361	9000453083	0105
900084013	0133	9000331419	0796	9000453028	0024	9000453086	0118
900084014	0087	9000331421	1173	9000453028	1359	9000453088	0315
900084014	0122	9000331424	1173	9000453029	1190	9000453089	0392
900084014	0133	9000331428	1173	9000453032	0024	9000453090	0315
900084015	0122	9000331432	0861	9000453032	1359	9000453091	0315
900084015	0133	9000331433	0861	9000453033	0085	9002453078	0496
900084016	0133	9000333104	0482	9000453033	1361	900453089	1224
900084016	0218	9000333105	0108	9000453034	0024	99451753	0875
900084017	0087	9000333106	0482	9000453034	1359	9967600004	0035
900084017	0122	9000333109	0482	9000453038	0024	9967600005	0036
900084017	0133	9000333114	0482	9000453038	1359	F000AL0100	0855
900084018	0087	9000333117	0482	9000453041	0024	F000AL0101	1469
900084018	0122	9000334102	0108	9000453041	1359	F000AL0103	0745
900084018	0133	9000334104	0325	9000453042	0024	F000AL0104	1469
900084019	0087	9000451001	0293	9000453042	1359	F000AL0105	1168
900084019	0122	9000451004	0328	9000453043	0024	F000AL0106	1547
900084019	0133	9000451010	0293	9000453043	1359	F000AL0107	1168
900084020	0088	9000451011	0329	9000453044	0186	F000AL0108	1155
900084020	0122	9000451012	0328	9000453045	0186	F000AL0111	1562
900084020	0133	9000451017	0293	9000453046	0024	F000AL0112	1168
900084021	0087	9000451024	0293	9000453046	1359	F000AL0135	1690
900084021	0122	9000452002	0529	9000453047	0024	F000AL0138	1691
900084021	0133	9000452003	0348	9000453047	1359	F000AL0139	1691
900084022	0088	9000452004	0529	9000453048	0125	F000AL0128	1638

Bosch	N° ZEN
F000AL0130	1675
F000AL0151	1675
F000AL0300	0846
F000AL0301	0942
F000AL0302	1471
F000AL0304	0837
F000AL0305	0846
F000AL0306	0989
F000AL0309	0837
F000AL0310	0837
F000AL0314	0837
F000AL0400	1177
F000AL0401	1222
F000AL0402	1468
F000AL0502	1223
F000AL0102	0998
F000AL0302	0622
F000AL0700	0118
F000CD001	1666
F000CD0002	1674
F000CD1113	1674
F005M00012	0919
F005M00014	0919
F005M00016	1540
F005M00024	0745
F006AL0602	0497
F010AL0101	0800
F010AL0103	0866
F010AL0301	0846
NN9	0015
Bosch Reman	N° ZEN
SR1319X	1548
SR7593X	9823
SR97X	9702
Boston Auto	N° ZEN
3191-181	1548
Cargo	N° ZEN
111120	9702
112609	9823
113617	1548
330265	1642
Case	N° ZEN
114799A1	0970
91902C1	0434
A162469	0434
A181642	0970
A187597	0970
P941519Q	0970
Caterpillar	N° ZEN
4N0241	0434
4N4405	0930
7M8651	0110
7N0923	0434
9G6941	0434
CBT	N° ZEN
21013708000	0213

CBT	N° ZEN
210803708010	0540
Chrysler	N° ZEN
15056	0110
15113	0110
1889100	0054
1889129	0054
1889200	0054
1889297	0050
2095122	0050
2095150	0050
2095254	0050
2095753	0054
2642227	0054
3656650	0050
40911920	0495
4091950	0495
4111855	0495
4145359	0495
4240449	0495
5206270	0339
5213085	0339
5213190	0339
5213370	0339
5213395	0339
56004934	0801
56041014	0825
Citroën	N° ZEN
5802AQ	1650
Cummins	N° ZEN
3283312	0970
3283812	0970
Daewoo	N° ZEN
31100A78B00	1048
DAF	N° ZEN
1658730	12839
Daihatsu	N° ZEN
2810072010	0947
Dixie	N° ZEN
S2100	9823
S6106	9702
S-80011	1548
Dubois	N° ZEN
916584	9702
Ducellier	N° ZEN
532000AB	0244
532000AB	0404
532001AB	0244
532002	0404
532003	0404
532004	0404
532005	0189
532005A	0189
532007	0189
532007A	0189
532008	0404
532008AB	0404

Ducellier	N° ZEN
532009	0404
532009AB	0404
532010	0404
532010AB	0404
532017A	0244
532018	0404
532020	0189
532026	0189
533000	0189
533000A	0189
533002	0189
533002A	0189
533003	0189
533004	0189
534002A	0189
534003	0189
534003A	0189
534004	0189
534004AB	0189
534005	0189
534005AB	0189
534007	0189
534023A	0574
534029A	0574
534031	0574
534032	0574
534039	0574
534042AB	0574
534043	0574
534043AB	0574
534044	0574
534047	0574
534054	0574
534055	0574
534057	0574
583008A	0189
6020	0463
6020E	0463
6020F	0463
6035	0463
6035F	0463
6081	0463
6081E	0463
6081F	0463
6128A	0183
6144A	0183
6178ABCEf	0244
618077DEF	0189
618078AB	0189
618090B	0189
618091ABC	0189
618358AB	0189
6183CFG	0244
618482AB	0189
618484AB	0189
618565A	0189

Ducellier	N° ZEN
6185ABC	0245
618795A	0189
6189	0189
6189ABCDEF	0189
6190	0189
6190AB	0189
6203ABCD	0244
6206AB	0244
6212	0189
6212AB	0189
6216	0189
6216ABC	0189
6219ABC	0245
6220	0189
6220AB	0189
6221A	0404
6222A	0189
6224BCD	0244
6226	0189
6226A	0189
6227ABCD	0244
6231ABC	0244
6231C	0404
6237	0189
6237AB	0189
6238	0189
6238AB	0189
6240A	0189
6242	0189
6242A	0189
6246	0189
6246AB	0189
6247	0189
6247AB	0189
Efel	N° ZEN
22202	0035
Facet	N° ZEN
26211M/T	0064
Femsa	N° ZEN
MTA1219	0451
MTA1237	0451
MTA1238	0451
MTA1239	0451
MTA1243	0451
MTA12P19	0451
MTD121	0713
MTD1214	0213
MTD1219	0213
MTD129	0213
MTD12H5	0713
MTD12H8	0213
MTD12P6	0213
MTD12V9	0213
MTH241	0036
MTH242	0036
MTH244	0036

Femsa	N° ZEN	Fiat	N° ZEN	Fiat	N° ZEN	Ford	N° ZEN
MTS121	0120	4294494	0213	61227993	0087	B8GY11002A	0636
MTS1222	0120	4294495	0213	63521093	1650	C3TF11000A	0110
MTS1223	0120	4392461	0857	7501995	0111	C3TZ11001A	0110
MTS1229	0120	4470377	0111	7533231	0769	C4DZ11001A	0205
MTS1234	0120	4470378	0389	7580192	0630	C4DZ11001B	0205
MTS1239	0120	4474599	0213	7772459	0779	C4TF11000A	0110
MTS1242	0120	4474714	0213	7772462	0779	C4TZ11002A	0110
MTS1247	0120	4474746	0213	7785949	0779	C5TF11000B	0093
MTS1248	0120	4474747	0213	7796598	0779	C5TF11000B	0568
MTS12P19	0120	4474762	0213	82374433	0389	C5TZ11002C	0110
MTS12P2	0120	4474805	0120	852962	0953	C6FF11001	0135
MTS12P20	0120	4474917	0120	870374	0744	C6FF11001A	0135
MTS12P29	0120	4474976	0213	8961386	0035	C6TF11000B	0093
MTS12V13	0120	4474979	0213	8962211	0035	C6TF11000B	0568
MTS12V25	0120	4475025	0213	8962232	0035	C6TF11001A	0110
MTV124	0451	4475130	0213	MSN2026	1650	C6TZ11001A	0093
MTV126	0451	46417006	0779	Ford	N° ZEN	C6TZ11001A	0568
MTV128	0451	46429594	0779	1W4U11000CA	9823	C6TZ11002C	0093
Fiat	N° ZEN	46454895	1630	26211	0064	C6TZ11002C	0568
131955508	1025	46463250	1630	26291	0064	C7TF11000A	0093
1347058080	1650	46465475	0779	2900550	0032	C7TF11000A	0568
4064058	0713	46468696	0998	2900557	0032	C8TF11000B	0182
4085959	0533	46473784	1033	2900726	0032	C8TZ11002A	0182
4085977	0533	4682999	0315	2900804	0032	C8ZF11000C	0097
4104783	0953	4692477	0407	354T11000AB	1585	C9FF11001B	0135
4117351	0768	4699704	0407	354T11000AC	1585	C9HZ11000C	0110
4117464	0768	4699705	0407	354Z11002AB	1585	D0DF11001A	0205
4127580	0035	4701920	0407	356511000AA	0965	D0FF11001B	0135
4142222	0120	4702248	0407	356511000BA	0965	D0FF11001C	0135
4142223	0120	4706008	0407	356511000CA	0965	D1FF11001A	0205
4143828	0120	4706931	0407	5N1511000AA	1482	D1FF11001AA	0205
4152196	0120	4710224	0407	5N1511000AB	1482	D27Z11002A	0184
4156064	0213	4711699	0407	5W4Z11002A	9823	D2TZ110002A	0184
4162784	0213	4713805	0407	6S6519000AA	1533	D2TZ11002A	0184
4169095	0315	4713806	0407	6W4Z11002AA	9823	D37Z11002A	0184
4169096	0315	4713807	0407	7C3511001AA	1675	D30Z11002A	0097
4169912	0608	4737754	0407	868218400	0545	D3TF11000A	0110
4172004	0608	4737755	0407	93BB11000HB	1208	D3TF11000CA	0097
4172113	0608	4737756	0407	93BB11000JB	1208	D3TF11001CA	0097
4181961	0120	4741699	0407	95FB11000BC	0975	D4TZ11002E	0097
4187587	0608	4745849	0407	95FB11000BD	0975	D77Z11002A	0342
4187590	0608	4745930	0407	95FB11000BG	0975	D77Z11002B	0342
4198226	0120	4752212	0407	96BB11000AA	1208	D97Z11002A	0545
4198227	0120	4752403	0407	97BB11000BB	1208	EOHT11000AA	0182
4198600	0120	4752912	0407	97BB11000BC	1208	EOHT11000AB	0182
4198601	0120	4759929	0407	97KB11000AA	1156	EOHZ11002A	0182
4204698	0120	4988513	0561	97KB11000AB	1156	E17Z11002B	0342
4204699	0120	587624	0035	97KB11000AC	1156	E17Z11002C	0342
4206634	0213	5933930	0395	97VB11000AB	0907	E1TF11001B	0053
4229113	0120	5972684	0408	98VB11000	0907	E1TF11001CA	0053
4229114	0120	5984563	0631	98VB11000B3A	0907	E1TZ11002A	0053
4231018	0608	5985182	0631	B35918400A	0450	E1TZ11002B	0053
4232191	0608	5991832	0394	B5C11002A	0032	E1TZ11002C	0053
4234741	0608	5996771	0395	B63018400A	0450	E22E18400A	0596
4269114	0608	5997307	0857	B65818400	0450	E3FZ11002A	0455
4285916	0213	5997309	0857	B67618400A	0450	ESTF11000AA	0670

Ford	N° ZEN
E5TZ11002B	0670
E6EF11001AA	0455
E6FZ11002A	0455
E8BZ11002A	0636
E8TF11000AA	0669
E8TF11000AA	0670
E8TZ11002A	0669
E8TZ11002A	0670
E90F11000BA	1192
E90F11000BA	1224
E90Y11002A	1192
E90Y11002A	1224
E90Y11002B	1192
E90Y11002B	1224
E92Z11002A	0596
E9BZ11002A	0450
E9JY11002A	0450
E9SF11000AA	1192
E9SF11000AA	1224
E9SF11000BA	1192
E9SF11000BA	1224
E9SZ11002A	1192
E9SZ11002A	1224
E9SZ11002B	1192
E9SZ11002B	1224
F02U11000AA	1192
F02U11000AA	1224
F02Z11002A	1192
F02Z11002A	1224
F02Z11002B	0596
F0BY11002B	0450
F0BZ11002A	0636
F0BZ11002B	0450
F0JY11002A	0450
F0011002A	1192
F0011002A	1224
F00U11000AA	1192
F00U11000AA	1224
F00Y11002A	1192
F00Y11002A	1224
F0TZ11002A	1192
F0TZ11002A	1224
F12Z11002A	0596
F13U11000AA	1192
F13U11000AA	1224
F13Z11002A	1192
F13Z11002A	1224
F1JY11002A	0450
F22518400A	0596
F23U11000AA	1192
F23U11000AA	1224
F23U11000BC	1192
F23U11000BC	1224
F23Z11002A	1192
F23Z11002A	1224
F23Z11002B	1192

Ford	N° ZEN
F23Z11002B	1224
F2DU11000AA	1192
F2DU11000AA	1224
F2DU11000BA	1192
F2DU11000BA	1224
F2DZ11002A	1192
F2DZ11002A	1224
F2TU11000AA	1192
F2TU11000AA	1224
F2TZ11002A	1192
F2TZ11002A	1224
F2VY11002A	1199
F2VY11002A	1226
F3DU11000AA	1192
F3DU11000AA	1224
F3DZ11002A	1192
F3DZ11002A	1224
F3LU11000AA	1199
F3LU11000AA	1226
F3LY11002A	1199
F3LY11002A	1226
F3RZ11002A	1208
F3RZ11002B	1208
F3RZ11002B	1228
F3TU11000AA	0670
F7GZ11002A	0450
F81U11000AC	0959
F87U11000DD	1217
F9JY11002A	0450
FAJ11001B	1216
FAN11001A	1216
FAP11001A	1216
FAS11001A	1216
FE1H18400	0596
F02F11000AA	1192
F02F11000AA	1224
F07U11000AA	1192
F07U11000AA	1224
F07U11000BA	1192
F07U11000BA	1224
FOCF11000AA	1225
FOCF-11000AA	1193
FOCF11000BA	1192
FOCF11000BA	1224
FOCU11000AA	1225
FOCU-11000AA	1193
FOCU11000BA	1192
FOCU11000BA	1224
FOFZ11002A	1192
FOFZ11002A	1224
FOTZ11002A	1192
FOTZ11002A	1224
FOTZ11002B	1192
FOTZ11002B	1224
SA739A	0670
SA739B	0669

Ford	N° ZEN
SA769	1192
SA769	1224
SA769A	1192
SA769A	1224
SA771	1192
SA771	1224
SA771A	1192
SA771A	1224
SA774	1192
SA774	1224
SA775	1192
SA775	1224
SA776	1192
SA776	1224
SA777	1192
SA777	1224
SA779	1193
SA779	1225
SA784	1192
SA784	1224
SA789	1199
SA789	1226
SA790	1192
SA790	1224
SA800	1192
SA800	1224
SA807	1192
SA807	1224
SA822	1199
SA822	1226
SAE674A	0184
SAE715	0342
SAE715A	0342
SAE716	0342
SAE716A	0342
SAE728	0545
SAE761A	0636
SAE763	0636
SAE770	0596
SAE781	0596
SAE782	0636
SAI761	0450
SAI772	0450
SAI773	0450
SAI780	0450
SAI783	0450
SAI788	0450
XS6U11000AC	1228
XW4U11000CG	9823
XW4Z11002CG	9823

General Motors	N° ZEN
30001695	0450
30001696	0595
93260358	1064
93297652	10003
93297653	10003

General Motors	N° ZEN
93303527	10003
93304772	10003
93327502	10003
93374341	10003
93374342	10003
93384398	10003
94021044	0141
94022494	0141
94022494	0351
94024438	0141
96058456	0617
96058457	0617
96064782	0617
96064783	0617

Harley Davidson	N° ZEN
3145564	0898
3145564A	0898

Hitachi	N° ZEN
5114146	0691
5114219	0644
5114230	0644
5114232	0537
5114235	0644
5114244	0691
5114417	0691
5114440	0793
5114440	1207
5114475A	0793
5114475A	1207
5114486	0793
5114486	1207
51277A	0785
51279	0785
51337	0785
51341	0785
51341A	0785
51384B	0793
51384B	1207
51389	0793
51389	1207
525131A	0580
525155D	0580
5811001921	0832
5811002150	0832
OSGR 2.2KW 12V	1608
S10861F	0536
S10863	0349
S10866	0536
S10889	0349
S1114374B	0737
S114100	0141
S114103	0141
S114103K	0141
S114103L	0141
S114103M	0141
S114103N	0141

Hitachi	N.º ZEN	Hitachi	N.º ZEN	Hitachi	N.º ZEN	Hitachi	N.º ZEN
S114103P	0141	S114180M	0351	S114258C	9488	S114374	9488
S114108	0141	S114181	0351	S114264	0737	S114374B	0737
S114108L	0141	S114182	0351	S114264A	0737	S114374B	9488
S114118	0141	S114182G	0351	S114264A	9488	S114376	0499
S114121	0141	S114184	0429	S114265	0737	S1143766B	0499
S114121N	0141	S114192	0141	S114265	9488	S114377	0554
S114122	0141	S114197	0351	S114268	0737	S114378	0554
S114122N	0141	S114202	0351	S114268	9488	S114378A	0554
S114126	0351	S114202A	0351	S114268A	0737	S114378B	0554
S114126L	0351	S114210	0349	S114268A	9488	S114381	0351
S114126M	0351	S114211	0349	S114271	0349	S114382	0351
S114131	0141	S114218	0351	S114290	0737	S114385	0832
S114133	0141	S114218A	0351	S114290	9488	S114387	0832
S114134	0141	S114227	0349	S1142900	0737	S114389	0499
S114136	0141	S114229	0351	S114290A	0737	S114389A	0499
S114140	0349	S114229E	0351	S114290A	9488	S114390	0499
S114141	0349	S114229F	0351	S114290B	0737	S114390A	0499
S114143	0141	S11423	0141	S114290B	9488	S114391	0499
S114149	0349	S11423K	0141	S114295	0351	S114391A	0499
S114150	0141	S114240	0351	S114296	0737	S114393	0791
S114156	0141	S114247	0351	S114296	9488	S114393	9528
S114160	0349	S114247A	0351	S114296A	0737	S114395A	0790
S114160A	0349	S114247C	0351	S114296A	9488	S114395A	9527
S114160B	0349	S114248	0351	S114298	0351	S114396	0832
S114160D	0349	S114252	0791	S114301	0351	S114396D	0832
S114160E	0349	S114252A	0791	S114313	0351	S114401B	0737
S114160F	0349	S114252C	0791	S114315	0517	S114401B	9488
S114161	0382	S114252E	0791	S114316	0517	S114403B	0737
S114161B	0382	S114252F	0791	S114317	0554	S114403B	0791
S114161E	0382	S114252F	9528	S114317A	0554	S114412	0832
S114161F	0382	S114253	0737	S114318	0554	S114413	0499
S114162	0349	S114253	9488	S114318A	0554	S114413A	0499
S114162C	0349	S114253A	0737	S114319	0499	S114418	0517
S114162D	0349	S114253A	9488	S114320	0499	S114419	0517
S114163	0349	S114253B	0737	S114320A	0499	S114419A	0517
S114163B	0349	S114253B	9488	S114322	0791	S114424	0517
S114163E	0349	S114254	0737	S114322A	0791	S114424	0517
S114164	0349	S114254	9488	S114322A	9528	S114426	0499
S114170	0351	S114254A	0737	S114343	0351	S114429	0737
S114170B	0351	S114254A	9488	S114344	0737	S114429	9488
S114170E	0351	S114254C	0737	S114344	9488	S114429A	0737
S114171	0351	S114254C	9488	S114345	0554	S114429A	9488
S114171A	0351	S114254D	0737	S114345A	0554	S114435	0517
S114171D	0351	S114254D	9488	S114345B	0554	S114435A	0517
S114172	0351	S114255	0737	S114348	0499	S114435B	0517
S114172A	0351	S114255	9488	S114348A	0499	S114435E	0517
S114172D	0351	S114255A	0737	S1143557A	0790	S114446	0737
S114172E	0351	S114255A	9488	S114357	0790	S114446	9488
S114173	0351	S1142564	9488	S114357A	0790	S114449	0737
S114173B	0351	S114258	0737	S114357B	0790	S114453	0737
S114173E	0351	S114258	9488	S114357B	9527	S114453	9488
S114173F	0351	S1142584C	0737	S114357C	0790	S114454	0737
S114174	0351	S114258A	0737	S114362	0517	S114454	9488
S114177	0351	S114258A	9488	S114364	0517	S114457	0737
S114180	0351	S114258B	0737	S114367	9527	S114457	9488
S114180F	0351	S114258C	0737	S114374	0737	S114458	0737

Hitachi	N° ZEN
S114458	9488
S114471	9527
S114472	9527
S114474	9488
S114476	9488
S114-478	9528
S114480	0737
S114481A	0737
S114482	9527
S114503A	0687
S114505	0634
S114509	0634
S114516	0687
S114516A	0687
S114526	0634
S114526A	0634
S114527	0634
S114527A	0634
S114528	0687
S114528A	0687
S114556	0517
S114556A	0517
S114568	0517
S114603	0499
S114604	0499
S114607	0499
S114607A	0499
S114607C	0499
S114608	0351
S114617	0517
S114630	0517
S11471	0141
S11472	0141
S114769	0517
S11487	0141
S11487L	0141
S11487M	0141
S11487P	0141
S11488	0141
S114808	1556
S114814A	1556
S114815	1556
S114817A	1556
S114883	1556
S114884	1556
S11491	0141
S11491K	0141
S11492	0141
S11492K	0141
S114935A	0790
S12119C	0448
S1218D	0448
S1219C	0448
S1219K	0448
S1219KA	0448
S1219KB	0448

Hitachi	N° ZEN
S1224	0376
S1224A	0376
S1227	0376
S1234	0448
S1234A	0448
S1241A	0376
S1246	0376
S1248	0376
S1256	0376
S1258	0376
S1259	0376
S1261	0376
S1263	0448
S1263A	0448
S1263B	0448
S1263C	0448
S1264	0448
S1268	0448
S1268A	0448
S1268B	0448
S1268D	0448
S1282	0376
S1284	0539
S1288	0376
S1306	0376
S1306A	0376
S13100	0737
S13100	9488
S13101	9527
S13102	0790
S13102	9527
S13104	0790
S13104	9527
S13105A	0790
S13105A	9527
S13115	0737
S13115	9488
S13121	0737
S13121	9488
S1323	0448
S1325	0376
S1328	0376
S1331	0376
S1333	0376
S1333A	0376
S1333B	0376
S1334	0448
S1334A	0448
S1336	0448
S1338	0448
S1340	0448
S1340A	0448
S1343	0448
S13443	0448
S1345	0448
S1345A	0448

Hitachi	N° ZEN
S1345B	0448
S1346	0448
S1346A	0448
S1347	0790
S1347A	0790
S1350	0790
S1350A	0790
S1356	0790
S1356A	0790
S1361A	0539
S1362	0737
S1362A	0737
S1362B	0737
S1362B	9488
S1362C	0737
S1362C	9488
S1363	0737
S1363	9488
S1365	0790
S13666A	0790
S1366A	0790
S1366A	9527
S1369	0790
S1369	9527
S1370	0737
S1370	9488
S1370A	0737
S1370A	9488
S1381	0790
S1381	9527
S1382	0737
S1382	9488
S1382A	0737
S1382A	9488
S1383	0737
S1383	9488
S1391	0844
S1391	9566
S1391	9702
S1391A	9702
S1392A	9527
S144192	0141
S144301	0351
S14455	0141
S144617A	0517
S25106	0448
S25110G	0901
S25123	0448
S25129	0448
S25132	0448
S25141	0448
S25152	0448

Honda	N° ZEN
31200634005	0349
31200634670	0349
31200634671	0349

Honda	N° ZEN
31200634811	0349
31200657005	0349
31200657006	0327
31200657015	0349
31200657016	0327
31200657025	0327
31200657025	0349
31200657671	9186
31200673015	0349
31200675671	9186
31200679035	0349
31200679052	0349
31200689661	9186
31200689662	9186
31200PA0671	9186
31200PB2016	9186
31200PC2004	9186
31200PC2661	9186
31200PC2662	9186
31200PC2663	9350
31200PC2671	9186
31200PC2672	9186
31200PC2681	9350
31200PC6661	9186
31200PC6663	9350
31200PD2661	9186
31200PD2662	9350
31200PD2663	9350
31200PD2664	9350
31200PE0015	0832
31200PE0661	9186
31200PE0664	9350
31200PE0665	9350
31200PE1671	9186
31200PE1673	9350
31200PE1674	9350
31200PG6911	9186
31200PG6914	9350
31200PH3953	9350
31200PK2006	9350
31200PK2026	9350
31200PK2953	9350
31200PK2955	9350
31200-PLM-A51	1548
31200PLRA52	0809
31200PM1005	9350
31200PM3003	9186
31200PM3005	9350
31200PT0900	9350
31200PV2662	9186
31200PV2671	9186
DRK1E	9186

Ingersoll-Rand	N° ZEN
462361	0930

Ishikawjima	N° ZEN
185086240	0947

Ishikawjima	N° ZEN
185086320	0351
185086321	0351
185086340	0947
Iskra	N° ZEN
10130121	0035
10130123	0035
10130150	0533
11130005	0035
11130009	0035
11130029	1056
11130034	1588
11130102	1056
11130104	0035
11130115	0035
11130124	1059
11130148	0035
11130155	1588
11130158	0036
11130162	1056
11130166	1056
11130193	0926
11130217	1056
11130218	1056
11130219	1056
11130224	0926
11130229	1073
11130234	1056
11130254	1073
11130266	1056
11130291	0926
11130292	1588
11130300	0228
11130322	1059
11130338	0926
11130346	0926
11130373	1060
11130378	0926
11130392	0926
11130407	1073
11130409	1073
11130412	1073
11130418	0926
11130484	1073
11130491	1073
11130509	1616
11130520	1616
11130526	1616
11130579	1616
11130624	1616
11130627	1616
11130629	1616
11130631	1616
11130632	1616
11130659	1616
11130692	1600
11130710	1600

Iskra	N° ZEN
11130711	1616
11130785	1616
11130823	1073
11130824	1073
11130835	1616
11130872	1616
11130875	1616
11130890	1616
11130897	1600
11130941	1678
11130998	1616
11131018	1616
11131249	1600
11131635	1616
AZE0303	1588
AZE3504	1588
AZE3519	1588
AZF3509	0926
AZF3513	0926
AZF3515	0926
AZF3517	0926
AZF3524	0926
AZF3528	0926
AZF3531	0926
AZF3545	0926
AZF3547	0926
AZF3549	0926
AZF3559	0926
AZF4524	1678
AZJ3118	1073
AZJ3144	1616
AZJ3148	1616
AZJ3151	1616
AZJ3182	1616
AZJ3198	1616
AZJ320	1600
AZJ3201	1600
AZJ3201	1616
AZJ3203	1616
AZJ3205	1616
AZJ3206	1616
AZJ3212	1616
AZJ3234	1600
AZJ3247	1600
AZJ3248	1616
AZJ3287	1616
AZJ3305	1616
AZJ3306	1616
AZJ3315	1616
AZJ3319	1600
AZJ3352	1616
AZJ3357	1616
AZJ3405	1600
AZJ3447	1616
AZJ3548	1073

Isuzu	N° ZEN
2912559140	0946
451229	0946
455657	0946
455674	0946
5811000571	0376
5811000740	0376
5811000800	0376
5811000820	0376
5811000860	0946
5811000860	9260
5811000990	0376
5811001110	0376
5811001111	0376
5811001112	0376
5811001300	0351
5811001370	0351
5811001550	9260
5811001660	0946
5811001660	9260
5811001661	9260
5811001830	0946
5811001830	9260
5811001920	0832
5811002150	0832
8821001260	0141
891171630	0737
891364001	0737
891364480	0737
892363470	0737
8941155650	0737
8941155670	0737
8941156670	0737
8941171630	0737
8941233870	0946
8941233870	9260
8941305600	0351
8941333380	0737
8941337583	0946
8941337583	9260
8941364480	0737
8941492490	0946
8941492490	9260
8941702050	0946
8941702050	9260
8942010201	0141
8942044380	0351
8942045380	0351
8942134065	0351
8942135381	0351
8942138220	0351
8942168781	0737
8942168783	0737
8942226880	0349
8942226880	0351
8942243880	0351
8942340650	0351

Isuzu	N° ZEN
8942363470	0737
8942363471	0737
8942387580	0737
8942387581	0737
8942420670	9488
8944127301	9260
8944489590	0946
9821001260	0141
9821001520	0376
9821001522	0376
9821001830	0376
9821001832	0376
9821006060	0141
9821006350	0141
TY6615	0946
Italacciai	N° ZEN
0001362051	0367
0001362302	0418
0001410032	0087
006138A	0245
006162E	0244
006231C	0404
006237A	0189
04085959	0533
04187587	0608
04451826	0408
04469987	0389
04699705	0407
04988513	0561
05933930	0395
05991832	0394
23300B5013	0352
23300N3301	0351
25142A	0280
25148A	0380
26208A	0320
26211M	0064
26211U	0096
26273E	0150
27501A	0541
280002572	0327
280002681	0353
28002150	0184
534029A	0574
63216740MT67CA	0407
D11E079	0217
D11E156	0216
D11E159	0215
D11E172	0571
D11E191	0461
D8E045	1302
D8E081	0248
D9R073	0656
D9R084	0646
D9R091	0657
MTA01219	0451

Italacciai	N° ZEN
MTA1201	0453
MTD1201	0533
MTD1209	0213
MTJ01201	0170
MTS1201	0120
S114140	0349
Iveco	N° ZEN
500338953	1624
55195970	1650
J&N	N° ZEN
410-14053	9823
John Deere (SLC)	N° ZEN
AJ59342	1637
AJ60123	1637
AR16277	0434
AR41627	0434
AR70611	0434
E48134	0625
E48134	0755
RE13722	0434
RE23900	0434
RE509856	1637
RE509857	1637
Johnson Electric	N° ZEN
5065436	0708
Kubota	N° ZEN
1550463011	0947
1574163011	0947
1585263011	0584
1585263012	0584
Leece-Neville	N° ZEN
7072MB	0117
7072MC	0117
7082MA	0188
7086MA	0188
7086MB	0188
7120MA	0188
7146MA	0117
7146MB	0117
7148MA	0117
7186MB	0188
7282M	0879
7408MA	0879
8282M	0879
CATF11000A	0110
CATZ110024	0110
M0017137	0930
M0017157	0930
M0017191	0930
M0017232MA	0188
M0017234MA	0188
M0017274MA	0188
Lester	N° ZEN
16947	9495
Lucas	N° ZEN
22201	0035

Lucas	N° ZEN
25142AHM35	0280
25142AHM35	0380
25147DM35	0170
25147DM35	0171
25148AJM35	0280
25148AJM35	0380
25165ADM35	0409
25165ADM35	1188
25264AF5M90	0409
25264AF5M90	1188
25274ADM35	0409
25274ADM35	1188
25276AM35	0280
25276AM35	0380
25329AM35	0409
25329AM35	1188
25345AM35	0280
25345AM35	0380
25348A5M90	0409
25348A5M90	1188
25619A/K	0412
25624AF2M100	0412
25642A/F	0412
25647A/L	0412
25651A/B	0412
25662A/E	0412
25674A/E	0412
25684A/J	0412
25686A/H	0412
25689A/J	0412
25692A/J	0412
25695A/F	0412
25699A/J	0412
25704A/D	0412
25705AD2M100	0414
25706A/D	0412
25707A/D	0412
25710A/D	0412
25714A/D	0412
25718A/D	0412
25719A/D	0412
25720A/D	0412
25722A/D	0412
25728A/D	0412
25729A/D	0412
25732BE2M100	0414
25734A/D	0412
25739A/D	0412
25742A	0412
25743A/D	0412
25743AD3M100	0412
25755A	0412
25756A	0412
26132A/F	0041
26132H/R	0041
26143A/H	0041

Lucas	N° ZEN
26143J/Q	0041
26172A/L	0041
26208A/E	0322
26208AEM45	0322
26211	0322
26211A/L	0322
26211ALM50	0322
26211M/T	0064
26211MTM50	0064
26211MTM50	0096
26211U	0096
26227A/Q	0064
26227R/V	0096
26233A/J	0506
26233K/M	0486
26234A/J	0509
26234K	0286
26236A/K	0067
26236L	0155
26238A/L	0067
26238M/Q	0155
26246M	0150
26246MM50	0150
26248A/L	0067
26248M	0155
26256A/E	0067
26256H	0155
26259A/K	0067
26259L/N	0155
26260E	0155
26264A/F	0067
26264H/K	0155
26265J/M	0096
26270A/J	0615
26271A/E	0067
26271F/J	0155
26273E/F	0150
26273H/M	0150
26274E/F	0150
26274H/N	0150
26275F/K	0134
26278H	0411
26279A/E	0067
26279F/K	0155
26280F/J	0134
26281A/E	0067
26281F/J	0155
26283A/F	0067
26283H/K	0155
26284A/E	0485
26285A/E	0067
26285F	0155
26286A/E	0506
26286F/J	0486
26287F/J	0155
26287A/E	0067

Lucas	N° ZEN
26288A/E	0067
26288F	0155
26290B	0150
26291A/D	0064
26291ADM50	0064
26291E	0096
26294D/E	0150
26294F/Q	0150
26295D/Q	0150
26300A/J	0615
26301H	0411
26304D	0150
26305A/B	0064
26305ABM50	0064
26305D/N	0096
26306E/H	0134
26310A/D	0067
26310A/E	0067
26310E/F	0155
26312	0064
26312A	0064
26312AM50	0064
26312B	0096
26312BM50	0096
26316A/M	0096
26317B/H	0398
26317BDM50	0398
26320A/B	0506
26320D/J	0486
26321A/B	0067
26321D/F	0155
26323A	0150
26323AM50	0150
26329A/L	0096
26335A	0486
26336A/R	0286
26336AFM50	0286
26337A/H	0286
26338	0064
26338	0322
26338A/F	0096
26339	0064
26339	0322
26339A/K	0096
26341A/J	0096
26342A/B	0485
26342D/L	0485
26343A/K	0150
26344A/F	0150
26345A/J	0150
26347A/B	0155
26348A/D	0486
26349A/H	0286
26349DHM50	0286
26350A/B	0064
26351A/H	0150

Lucas	N° ZEN	Lucas	N° ZEN	Lucas	N° ZEN	Lucas	N° ZEN
26352A/L	0096	26431AM50	0096	270508	0486	27515A/E	0155
26355A/J	0398	26433A/B	0286	27245A	0155	27516A/D	0480
26356A/M	0398	26435A/B	0286	27403A	0155	27518A/E	0155
26356ABM50	0398	26435AM50	0286	27407A	0155	27519A/D	0155
26357A/E	0150	26436A/B	0150	27408A	0155	27522A/D	0155
26358A/H	0150	26600E/F	0823	27409A/D	0155	27523A/D	0155
26361A/E	0398	26601E/F	0823	27410A	0615	27524A/B	0155
26363A/J	0286	26605A	0823	27411A/B	0155	27525A/B	0155
26364A/F	0155	26607E/J	0960	27412A/D	0134	27526A/D	0155
26365A/F	0150	26609F/J	0823	27413A/D	0411	27527A/B	0155
26366A/F	0150	26613E/H	0823	27414A	0155	27528A/D	0480
26367A/D	0286	26616A/B	0823	27415A/D	0155	27532A/D	0155
26369A/J	0150	26619A/D	0823	27416A/D	0134	27533A/E	0486
26370B/E	0155	26620A	0823	27417A/D	0155	27536A/D	0155
26372A/B	0594	26621A/B	0823	27418A	0615	27537A/B	0155
26374A/F	0150	26624A/D	0823	27419A/D	0486	27538A/D	0155
26375A/D	0155	26626A/B	0823	27420A/B	0155	27539A/F	0155
26376A/L	0150	26628	0823	27421A/B	0411	27540A/H	0155
26378A/H	0150	26628A	0823	27423A	0134	27541A/D	0155
26379A/F	0096	26654B/D	0823	27424A/B	0155	27543A/D	0486
26382A/B	0286	26667	0863	27426A/F	0155	27545A/B	0486
26384A/B	0286	26678B	0823	27427A/E	0155	27546A/B	0486
26385A/B	0594	26679B	0823	27429A/B	0155	27550A/B	0155
26387A/E	0155	26680B	0823	27430A/B	0594	27551A/B	0486
26388A/F	0398	26681B	0823	27432A/E	0155	27552A/B	0486
26389A/D	0286	26689	0823	27433A/D	0155	27553A/D	0480
26390A	0594	26692	0960	27435A	0155	27554A/B	0480
26390B/E	0594	26695	0823	27436A	0486	27556A	0486
26391A/B	0155	26696	0960	27439A	0155	27558A/E	0486
26393A/F	0150	26702	0822	27443A	0486	27559A/E	0155
26395	0064	26702E/K	0822	27446A	0155	27562A/B	0480
26395	0322	26707A/L	0821	27449A/D	0486	27565B/D	0155
26395A/H	0096	26708	0821	27452A	0134	27568A	0155
26398A/H	0286	26713A/D	0821	27459A	0155	27570A/B	0155
26403A/D	0150	26716B	0821	27461A/B	0155	27571A/B	0155
26404A/D	0150	26717A	0822	27462A/B	0486	27572A/B	0155
26404ADM50	0150	26804A/E	0821	27463A/D	0411	27573	0155
26407A/F	0398	26809A	0821	27464A/B	0155	27574	0155
26407AEM50	0398	26810A	0821	27468A/B	0155	27575	0486
26408A/E	0150	26811A	0822	27469A	0155	27583D	0155
26409A/E	0150	26812A/D	0822	27470A/B	0155	35258000	0162
26410A/B	0150	26813	1062	27474A/B	0155	35258430	0915
26411A/B	0150	26816	0821	27475A	0134	35258540	0978
26412A	0155	26823	0821	27500A/J	0480	35258580	0991
26413A	0155	26824	0821	27502A/D	0155	35258660	1635
26414A/E	0150	26834	1062	27503A/D	0155	35258670	0492
26416A/E	0286	26841	1062	27504A/B	0480	35258690	0983
26420A/B	0286	26903A	0820	27506A/D	0480	35258710	0978
26421A/B	0286	26913A	0820	27507A/B	0480	35258740	1133
26422A	0155	26921	0820	27508A/D	0486	35258760	0990
26427A	0150	26925	0820	27509A/B	0486	35258790	0945
26427AM50	0150	26929A/B	0820	27510	0155	35258850	0990
26428A/B	0286	26931A/B	0820	27511A	0480	35258910	0991
26429A/B	0286	26935B	0820	27512A/D	0557	35259170	0916
26430A/D	0096	27022	0863	27513A	0155	35260828	1635
26431A/B	0096	27047	0863	27514A/B	0155	LRS1976	1624

Lucas	Nº ZEN
LRS01976	1624
LRS02223	1650
LRS2163	0809
LRS2223	1650
M45G	0615
M79	0822
M79	0823
S5012	0064
S5012	0322
Lucas Indiel	Nº ZEN
2680B	1475
2680D	1475
35255556	0160
35255999	0160
35256034	0102
35256425	0102
35256433	0102
35256519	0102
35256520	0102
35256637	0102
35256900	0102
35257188	0102
35257700	0868
35257720	0102
35257880	0771
35258240	0772
35258270	0860
35258340	0467
35258370	0915
35258380	0468
35258400	1134
35258420	1134
35258440	0826
35258490	1635
35258460	1134
35258560	1134
35258600	0945
35258640	0860
35258720	1134
35258730	0915
35258840	1134
35258930	0102
35259040	1635
35259060	0860
35259260	1595
35259300	1622
35259310	1602
35259390	1637
35259400	1635
35259440	1092
35259450	1648
35259520	1595
35259570	1636
35259580	1090
35259590	1637
35259600	1637

Lucas Indiel	Nº ZEN
35259620	1090
35259630	1090
35259640	1090
35259660	1090
35259680	1596
35259690	1637
35259710	0983
35259730	1648
35259750	1596
35259810	1648
35259830	1595
35259840	1595
35259880	1623
35259900	1090
35260830	1595
35260840	1595
35260870	1648
35260890	1621
35260940	1622
35260950	1622
35261050	1648
35261070	1622
35261120	1623
35261130	1651
35261155	1623
35261160	1648
35261175	1602
35261250	0990
35261260	1617
35261295	1617
35261305	0991
35261355	1596
35261385	1647
35261395	1523
35261395	1603
35261425	1596
35261640	1617
35261740	1603
35261780	1603
35262020	1604
35262190	1603
35262460	1604
35262580	1623
36261135	1603
Lucas Reman	Nº ZEN
57133	9702
57219	9702
Magneti-Marelli	Nº ZEN
36222700	0213
46414994	0779
46415504	0779
46417006	0779
46429594	0779
46465475	0779
63101000	0779
63101002	0779

Magneti-Marelli	Nº ZEN
63101003	1227
63102003	0779
63102004	0779
63102007	0779
63102008	0779
63103002	0779
63103003	0779
63103007	0999
63103008	0999
631101002	0779
63111000	0969
63111007	1113
63111008	1169
63111010	1113
63111016	1561
63111027	1169
63112003	1169
63114008	1630
63114010	1630
63114014	1025
63201008	0779
63211627	0035
63211665	0035
63211669	0035
63213127	0035
63213812	0035
63214349	0035
63214371	0035
63216225	0035
63216325	0035
63216703	0407
63216707	0407
63216725	0407
63216726	0407
63216727	0407
63216731	0601
63216740	0407
63216741	0601
63216808	0407
63216815	0910
63216825	0407
63216826	0407
63216827	0407
63216831	0601
63216851	0910
63216873	0407
63216896	0601
63216898	0407
63217101	0407
63217104	0407
63217105	0407
63217118	0407
63217119	0407
63217120	0407
63217125	0407
63217126	0601

Magneti-Marelli	Nº ZEN
63217147	0407
63217148	0601
63217154	0601
63217188	0601
63217201	0407
63217225	0407
63217226	0601
63217403	0910
63217410	0601
63220035	1477
63220104	1496
63220107	0768
63220108	0768
63220137	0768
63220506	0408
63220536	0408
63220537	0408
63220538	0408
63220700	0120
63220701	0120
63220702	0120
63220705	0120
63220706	0120
63220720	0120
63220721	0120
63220723	0120
63220724	0120
63220731	0120
63220740	0120
63220741	0120
63220743	0120
63220744	0120
63220746	0120
63220800	0120
63220833	0120
63220834	0120
63220836	0120
63220900	0120
63220932	0120
63220940	0120
63221300	0120
63221308	0389
63221338	0389
63221400	0389
63221401	0389
63221403	0394
63221430	0389
63221431	0389
63221433	0394
63221434	0394
63221500	0394
63221503	0394
63221508	0389
63221509	0394
63221530	0394
63221533	0394

Magneti-Marelli	N° ZEN	Magneti-Marelli	N° ZEN	Magneti-Marelli	N° ZEN	Mazda	N° ZEN
63221538	0389	63222706	0213	63223435	0969	022218400A	0144
63221539	0394	63222730	0213	63223436	0878	032418400	0144
63221632	0394	63222731	0213	63223530	0878	032418400A	0144
63221637	0389	63222736	0213	63223531	0878	032418400B	0352
63221639	0394	63222831	0786	63223532	0878	042618400A	0144
63221730	0394	63222831	1206	63223538	0975	042618400B	0144
63221731	0394	63222832	0786	63223639	0969	057818400	0184
63221800	0786	63222832	1206	63223897	0953	060418400	0341
63221800	1227	63222833	0786	63224170	0608	060518400	0341
63221830	0786	63222833	1206	63224500	0608	077918400	0352
63221830	1333	63222836	0786	63224580	0608	077918400A	0352
63221832	0786	63222836	1206	63224600	0608	134518400	0341
63221832	1333	63222837	0786	63224602	0608	478010400	0450
63221834	0786	63222837	1206	63226801	1475	478018400	0450
63221890	0786	63222838	0786	63226834	1062	478018400A	0450
63221890	1227	63222838	1206	63226845	1062	489318400B	0426
63221892	0786	63222889	0779	63226846	1062	489318400D	0426
63221892	1227	63222897	0786	63227004	0823	489318400E	0426
63222000	1117	63222897	1206	63227005	0823	489418400B	0144
63222001	1104	63222900	0779	63227006	0823	489418400C	0144
63222004	1117	63222901	0779	63227007	0823	489418400D	0144
63222005	1630	63222905	0779	63227008	0823	808818400A	0352
63222030	1117	63222908	0779	63227009	0823	813118400	0352
63222031	1104	63222909	0779	63227010	0823	813118400A	0352
63222034	1117	63222936	0779	63227014	0823	821818400	0352
63222038	1117	63223000	0395	63227016	0823	893618400	0352
63222039	1104	63223001	0786	63227017	0823	893718400	0352
63222130	1117	63223001	1206	63227022	0863	896418400	0352
63222134	1117	63223031	0786	63227028	0823	896718400	0352
63222135	1117	63223031	1206	63227038	0823	AM1518400	0595
63222136	1104	63223032	0786	63227043	0863	B30118400	0636
63222138	1117	63223032	1206	63227046	0863	B30118400C	0636
6322224	1477	63223033	0786	63227047	0863	B30318400	0450
63222300	0533	63223033	1206	63227051	0863	B30318400A	0450
63222301	0533	63223034	0786	63227577	0863	B31518400A	0450
63222331	0533	63223034	1206	63293029	1484	B31518400B	0450
63222400	0213	63223035	0779	63293039	1484	B35918400	0450
63222405	0213	63223039	1484	63293538	0975	B35918400A	0636
63222408	0213	63223085	0779	7733966	0779	B50518400	0450
63222409	0213	63223101	0779	7772459	0779	B59318400	0450
63222430	0213	63223103	1496	7772462	0779	B61P18400	0450
63222435	0213	63223108	0779	7785949	0779	B61R18400A	0450
63222438	0213	63223085	0779	943252201	1651	B63018400	0450
63222439	0213	63223200	0779	E1154/24	0953	B63018400A	0450
63222501	0213	63223203	0395	MSN2036	1624	B67618400	0450
63222502	0213	63223206	0395	MT68Q	0910	B67618400A	0450
63222531	0213	63223207	0395	MT68QA	0910	B67618400B	0450
63222532	0213	63223236	0395	NN5	0037	B6S818400A	0450
63222536	0213	63223237	0395	NN6	0037	D30618400A	0352
63222602	0213	63223300	0395	Man	N° ZEN	D306A8400B	0352
63222605	0213	63223303	0779	51262017158	1178	D50118400	0352
63222632	0213	63223330	0395	Mando	N° ZEN	D50118400A	0352
63222635	0213	63223332	0395	K71F18400	1601	D50218400	0352
63222636	0213	63223430	0878	MG122423	1667	D50218400A	0352
63222700	0213	63223431	0878	Mazda	N° ZEN	D50518400	0352
63222701	0213	63223432	0878	022218400	0144	D50518400A	0352

Mazda	Nº ZEN	Mercedes Benz	Nº ZEN	Mitsubishi	Nº ZEN	Mitsubishi	Nº ZEN
D50518400B	0450	0011519601	1651	M1T60381	0758	M1T76081	0801
D53018400	0450	0031510401	1651	M1T60081	1592	M1T77181	1018
E22E18400	0596	0051511301	1023	M1T60181	1592	M1T78881	0711
E30118400	0352	0051512501	1629	M1T60581	1592	M1T80081	0806
E30118400A	0352	A0051512201	0985	M1T70481	0595	M1T90281	0806
E35618400	0450	A0051517601	0985	M1T70482	0595	M2T10171	0144
E35618400A	0352	A0051518301	1112	M1T70483	0595	M2T10271	0144
E35618400B	0450	Mercury Marine	Nº ZEN	M1T70485	0595	M2T10282	0352
E35718400	0450	50834749	1454	M1T70681	0595	M2T15772	0144
F21418400	0596	50859171T	1454	M1T70685	0595	M2T20181	0352
F21418400A	0596	Mitsuba	Nº ZEN	M1T70685A	0595	M2T20181	0853
F21418400B	0596	SM442-32-36	1548	M1T70686	0595	M2T20181A	0352
F21418400C	0596	Mitsubishi	Nº ZEN	M1T70687	0595	M2T20181D	0853
F24018400	0450	1368852	0450	M1T70687	0595	M2T20181D	0853
F24018400B	0450	232415	1046	M1T70981	0596	M2T20182	0352
F2D418400	0596	232415	12812	M1T70981A	0596	M2T20223	0352
F2D418400A	0596	50171	9597	M1T70985	0596	M2T20281	0352
F601	0352	901286806	0450	M1T71081	0596	M2T20282	0352
F60118400	0352	90572010009502	1063	M1T71281	0596	M2T20282	0352
F60118400A	0352	M000T60181	0687	M1T71281A	0596	M2T20282	0352
F60118400B	0352	M001T74287ZC	0825	M1T71281A	0596	M2T30481	0584
F80218400	0352	M001T79482	0825	M1T71281B	0596	M2T30581	0450
F80218400A	0352	M002T87671	1063	M1T71381	0595	M2T30583	0450
F80218400B	0352	M002T87771	1063	M1T71382	0595	M2T322	0450
F80618400	0352	M002T887712A	1063	M1T71382	0595	M2T32281	0450
F85018400	0352	M008T75073	1563	M1T71481	0596	M2T40081	0450
F85018400A	0352	M8T75071	1563	M1T71481A	0596	M2T42381	0584
F85018400B	0352	M8T75071A	1563	M1T71581	0595	M2T42881	0450
F85018400E	0450	M8T75073	1563	M1T71681	0595	M2T44081	0450
F8B118400A	0450	M8T75073A	1563	M1T71881	0596	M2T48081	0450
F8B118400B	0450	M0T70281	0595	M1T72081	0595	M2T48381	0836
F8B118400C	0450	M0T70381	0595	M1T72085	0595	M2T49881	0450
F8B18400A	0450	M0T70481	0595	M1T72086	0595	M2T50181	1043
FE0518400	0352	M0T70681	0595	M1T72086A	0595	M2T50481	1043
FE0518400B	0352	M0T70781	0595	M1T72088	0595	M2T50485	1043
FE0518400C	0352	M0T70981	0595	M1T72181	0596	M2T52181	1043
FE0518400C	0450	M0T71181	0595	M1T72181A	0596	M2T52681	1043
FE1H18400	0596	M0T71381	0595	M1T72182	0596	M2T52881	1043
FE1J18400A	0450	M0T71581	0595	M1T72182A	0596	M2T52882	1043
FE5018400	0352	M0T71681	0595	M1T72281	0679	M2T53083	0595
FE5018400A	0352	M0T72581	0595	M1T72281A	0679	M2T53083	1043
FE5018400B	0352	M0T73281	0595	M1T723281	0595	M2T53181	1043
FE5018400E	0450	M0T73381	0595	M1T72481	0617	M2T53781	1043
FE5A18400A	0450	M0T77681	0595	M1T72581	0595	M2T53785	1043
FE7918400	0352	M0T80285	1018	M1T72583	0595	M2T54085	1043
G60118400	12620	M1M70685	0595	M1T72981	0711	M2T54372	0957
H83318400	0352	M1M70981	0596	M1T72985	0711	M2T54571	0957
HE1918400	0352	M1M71281	0596	M1T73281	0595	M2T54571	9791
HE1918400A	0352	M1M71481	0596	M1T73283	0595	M2T54572	0957
HE1918400B	0352	M1M72086	0595	M1T73381	0595	M2T54572	9791
HE2018400	0352	M1M72181	0596	M1T73383	0595	M2T55271	1046
HE2018400A	0352	M1M72182	0596	M1T74181	0711	M2T55271	12812
S21118400	0957	M1M72281	0679	M1T74281	0597	M2T56071	0957
V10118400B	0957	M1Q71281	0596	M1T74481	0597	M2T56071	12660
ZZL1-18-400	1192	M1T50471	1043	M1T74482	0597	M2T56181	1047
ZZLO-18-400	1192	M1T60281	0712	M1T74581	0617	M2T56181	12812
				M1T74781	0711	M2T56182	1047
				M1T74785	0711	M2T56182	12812
				M1T74881	0595	M2T56185	1047

Mitsubishi	Nº ZEN	Mitsubishi	Nº ZEN	Mitsubishi	Nº ZEN	Mitsubishi	Nº ZEN
M2T56185	12812	M2T80582	1024	M3T15675	0144	M3T25785	0352
M2T56271	1047	M2T84071	1024	M3T15772	0144	M3T2581	0352
M2T56271	12812	M2T84171	1024	M3T15872	0144	M3T25882	0352
M2T56471	1046	M2T84571	1024	M3T15972	0144	M3T25883	0352
M2T56471	12812	M2T87071	1024	M3T162838	0450	M3T25885	0352
M2T56472	1046	M2T87171	1024	M3T164866	0450	M3T25885	0450
M2T57771	1047	M2T87271	1024	M3T189054	0450	M3T25885A	0450
M2T57771	12812	M2T87371	1567	M3T19171	0144	M3T25891	0352
M2T57871	0957	M2T87471	1024	M3T19271	0144	M3T27686	0352
M2T57871	1046	M2T87871	1024	M3T19471	0144	M3T27686D	0450
M2T57871	12658	M2T87971	1024	M3T20081	0352	M3T27786	0450
M2T57871	12659	M2T87971	1567	M3T20181	0352	M3T29482	0450
M2T57881	12658	M2T88071	1567	M3T20381	0352	M3T29482D	0450
M2T58081	9495	M2T88271	1567	M3T20681	0352	M3T29681	0352
M2T58381	9495	M3M32722	0450	M3T20681A	0352	M3T30081	0352
M2T58481	9495	M3M32782	0450	M3T20781	0352	M3T30082	0352
M2T58581	1043	M3MT30583	0450	M3T21281	0352	M3T30088	0352
M2T60072	0957	M3Q38882	0450	M3T21281	0450	M3T302589	0450
M2T61771	12658	M3T016851	0450	M3T21281D	0450	M3T30281	0352
M2T61771	1046	M3T016863	0450	M3T21282	0352	M3T30282	0352
M2T62271	12660	M3T066761	0450	M3T21381	0352	M3T30285	0352
M2T62971	12812	M3T10071	0144	M3T21381	0450	M3T30286	0352
M2T64372	0957	M3T10072	0144	M3T21381D	0450	M3T30381	0352
M2T64373	0957	M3T10171	0144	M3T21781	0450	M3T30382	0352
M2T65271	1046	M3T10172	0352	M3T21781D	0450	M3T30581	0450
M2T65271	12812	M3T10271	0144	M3T21882	0450	M3T30583	0450
M2T65272	1046	M3T10272	0144	M3T21882D	0450	M3T30681	0450
M2T65771	12660	M3T10371	0144	M3T22081	0352	M3T30781	0352
M2T66271	12660	M3T10372	0144	M3T22381	0352	M3T30782	0352
M2T66272	12660	M3T10473	0426	M3T22581	0352	M3T30881	0450
M2T66371	0957	M3T10475	0426	M3T22581	0450	M3T30981	0450
M2T66872	0957	M3T10476	0426	M3T22582	0352	M3T32382	0352
M2T66872	12658	M3T10572	0144	M3T22681	0352	M3T32581	0352
M2T66873	12658	M3T10672	0144	M3T22781	0352	M3T32582	0352
M2T67871	0957	M3T110172	0352	M3T244	0450	M3T32583	0352
M2T67871	12658	M3T11172	0144	M3T24481	0352	M3T32588	0450
M2T67872	0957	M3T11173	0144	M3T24482	0352	M3T32589	0450
M2T67872	12658	M3T11173Q	0144	M3T24482	0450	M3T32591	0450
M2T67873	0957	M3T11174	0144	M3T24482A	0352	M3T32592	0450
M2T67873	12658	M3T11272	0144	M3T24482H	0450	M3T32593	0450
M2T67873	12659	M3T11372	0144	M3T24482K	0450	M3T32681	0352
M2T67881	12658	M3T11373	0144	M3T24483	0352	M3T32781	0352
M2T67882	12658	M3T11772	0144	M3T24485	0352	M3T32782	0352
M2T67882	1046	M3T12372	0144	M3T24486	0352	M3T32782D	0450
M2T67883	12658	M3T12572	0144	M3T24486A	0352	M3T32985	0836
M2T67883	1046	M3T12672	0144	M3T24486H	0450	M3T33081	0636
M2T69081	1046	M3T13071	0144	M3T24487	0352	M3T33182	0450
M2T72871	1046	M3T13072	0144	M3T24488	0352	M3T33281	0450
M2T74171	1047	M3T14482J	0450	M3T25081	0352	M3T33282	0450
M2T74171	12812	M3T15072	0144	M3T25252H	0450	M3T33381	0352
M2T74371	1046	M3T15073	0144	M3T25281	0352	M3T33382	0352
M2T74371	12660	M3T15074	0144	M3T25282H	0450	M3T335081	0352
M2T78271	0957	M3T15075	0144	M3T25285A	0450	M3T33581	0352
M2T78381	1046	M3T15171	0144	M3T25781	0352	M3T33582	0352
M2T78481	1046	M3T15271	0144	M3T25782	0352	M3T335820	0352
M2T78482	1046	M3T15372	0144	M3T25783	0352	M3T33582A	0352

Mitsubishi	N° ZEN
M3T33583	0352
M3T33585	0352
M3T33586	0352
M3T33586A	0352
M3T33587	0352
M3T33588	0352
M3T3381	0352
M3T35081	0352
M3T35082	0352
M3T35088	0352
M3T3586D	0450
M3T38082	0450
M3T38181	0450
M3T38381	0450
M3T38481	0450
M3T38581	0450
M3T38682	0450
M3T388682	0450
M3T38881	0450
M3T38881A	0450
M3T38881B	0450
M3T38881C	0450
M3T38882	0450
M3T38882A	0450
M3T38882B	0450
M3T38882C	0450
M3T38883	0450
M3T38884	0450
M3T38885	0450
M3T38981	0450
M3T38982	0450
M3T39182	0352
M3T39385	0450
M3T39481	0450
M3T39523	0450
M3T39981	0450
M3T4010081	0450
M3T41081	0450
M3T41083	0450
M3T41088	0450
M3T41181	0450
M3T41185	0450
M3T41186	0450
M3T41282	0450
M3T41285	0450
M3T41681	0450
M3T42781	0450
M3T42881	0450
M3T43381	0450
M3T43481	0450
M3T43581	0450
M3T48181	0450
M3T49381	0450
M3T49581	0450
M3T49585	0450
M3T49781	0450

Mitsubishi	N° ZEN
M3T56471	0957
M3T57371	0957
M3T57575	0957
M3T66071	0957
M3T66072	0957
M3T66073	0957
M3T66074	0957
M3T67771	9791
M3T70081	0450
M3T90011	0670
M3T90071	0670
M3T90072	0669
M3T90072	0670
M3V38881	0450
M3V38882	0450
M3Y24482	0450
M4714674	0144
M4T14372	0144
M4T14572	0144
M4T14672	0144
M4T14673	0144
M4T14674	0144
M4T14771	0144
M4T14872	0144
M4T41672	0144
M8t50071	9597
MB30118X45	1054
MC108027	0636
MCA020	0144
MD 318086	0596
MD 100431	0450
MD001333	0352
MD001550	0144
MD001552	0144
MD001553	0144
MD001555	0352
MD0019891	0352
MD003550	0144
MD003551	0144
MD011550	0144
MD011550	0184
MD011553	0144
MD016729	0450
MD016851	0450
MD016863	0450
MD019891	0352
MD019895	0352
MD021665	0144
MD021666	0144
MD021670	0144
MD021672	0144
MD021674	0352
MD021676	0144
MD021679	0144
MD021686	0144
MD027400	0352

Mitsubishi	N° ZEN
MD027401	0352
MD034120	0352
MD034121	0352
MD066761	0450
MD069166	1047
MD069166	12812
MD070934	1047
MD070934	12812
MD081567	0450
MD081568	0450
MD084414	1047
MD084414	12812
MD085730	0352
MD099667	0595
MD099673	1043
MD100431	0450
MD101219	0450
MD107614	0450
MD107615	0450
MD112625	0595
MD136933	0595
MD161437	0450
MD162836	0450
MD162837	0450
MD162838	0450
MD162839	0595
MD162840	0595
MD162842	0595
MD162843	0595
MD163188	0595
MD164866	0450
MD164975	1047
MD164975	12812
MD164976	1047
MD164976	12812
MD170049	0595
MD172860	0595
MD172861	0595
MD172863	0595
MD172864	0595
MD174482	0595
MD174483	0595
MD180238	0450
MD180239	0450
MD180937	0595
MD182488	0595
MD188720	0595
MD188721	0595
MD189054	0450
MD192222	0450
MD192228	0450
MD21674	0352
MD81567	0450
ME007517	0957
ME008815	0957
ME017034	0957

Mitsubishi	N° ZEN
ME017035	0957
ME017056	0957
ME017061	0957
ME031	0144
ME041	0144
ME10AZR	0144
ME10WR	0144
ME12AZR	0144
ME201650	1563
ME202424	1563
ME202970	1563
ME204424	1563
ME204425	1563
MEA010	0144
MEA011	0144
MEA030	0144
MEA031	0144
MEA040	0144
MEA041	0144
MEA061	0144
MEA071	0144
MEA121	0144
MEC012	0144
MED030	0144
MED031	0144
MED032	0144
MED034	0144
MED041	0144
MED042	0144
MED074	0144
MED10AZR	0144
ME0107	0427
MEWR	0144
MG120413	0957
MGA060	0352
MM111514	0352
MM115513	0352
MM115514	0352
MM115517	0352
MM115518	1043
MQJ1R	0144
MQJ2R	0144
MQJ6R	0144
MQJR	0144
Motorcraft	N° ZEN
6S4Z11002AA	1585
SA882	9823
SA958	9823
Napa	N° ZEN
44-9294	9823
Nastra	N° ZEN
S17847	1548
New Holland	N° ZEN
84334162	1678
Nippondenso	N° ZEN
01280000590	9186

Nippondenso	N° ZEN	Nippondenso	N° ZEN	Nippondenso	N° ZEN	Nippondenso	N° ZEN
015861N	1473	0280003051	0140	0280004341	9186	0280005580	9301
0280000430	0184	0280003051	0327	0280004342	9186	0280005581	9301
0280000960	0946	0280003052	0327	0280004343	0947	0280005593	9301
0280001010	0327	0280003100	0327	0280004343	9186	0280005720	0341
0280001661	9186	0280003240	0184	0280004390	0946	0280005750	0341
0280001730	0184	0280003241	0184	0280004440	0327	0280005820	9186
0280001940	0184	0280003290	0434	0280004450	0947	0280005821	9186
0280001940	0327	0280003292	0434	0280004450	9186	0280005822	9186
0280001941	0327	0280003320	0184	0280004480	0327	0280005850	9301
0280001970	0184	0280003330	0184	0280004500	0184	0280005860	9301
0280001970	0327	0280003331	0184	0280004510	9186	0280005880	9302
0280001971	0184	0280003332	0184	0280004512	9186	0280005900	0947
0280001971	0327	0280003500	0184	0280004520	0184	0280005900	9186
0280001972	0184	0280003610	0343	0280004530	0184	0280005910	9186
0280001972	0327	0280003611	0343	0280004540	9186	0280005912	0947
0280001973	0184	0280003650	0434	0280004550	9186	0280005912	9186
0280001973	0327	0280003690	0434	0280004580	0327	0280005920	0434
0280001975	0327	0280003710	0140	0280004600	0184	0280005960	0434
0280001976	0327	0280003710	0327	0280004601	0184	0280006000	9186
0280002000	0327	0280003800	0184	0280004630	0184	0280006001	0947
0280002001	0327	0280003830	0184	0280004640	0327	0280006001	9186
0280002040	0341	0280003841	0184	0280004650	0184	0280006030	9186
0280002041	0341	0280003900	0184	0280004660	0184	0280006040	9186
0280002042	0341	0280003901	0184	0280004680	0184	0280006090	0545
0280002140	0184	0280003920	0327	0280004690	0184	0280006100	0140
0280002141	0184	0280003921	0327	0280004691	0184	0280006100	0327
0280002150	0184	0280003930	0434	0280004700	0184	0280006103	0140
0280002151	0184	0280003970	0434	0280004710	0184	0280006120	0947
0280002160	0341	0280003971	0434	0280004721	0341	0280006140	9186
0280002161	0341	0280004020	9186	0280004810	0327	0280006200	9301
0280002240	0184	0280004021	9186	0280004820	0327	0280006220	0184
0280002241	0184	0280004030	0184	0280004822	0327	0280006250	12609
0280002250	0140	0280004031	0184	0280004900	9186	0280006290	9301
0280002250	0327	0280004032	0184	0280004930	0607	0280006332	0947
0280002260	0140	0280004040	0184	0280004940	9186	0280006340	9301
0280002260	0327	0280004041	0184	0280004951	9186	0280006360	9186
0280002261	0327	0280004042	0184	0280004980	0327	0280006361	9186
0280002262	0327	0280004044	9186	0280005000	9349	0280006362	0947
0280002263	0327	0280004050	0184	0280005000	9403	0280006362	9186
0280002330	0327	0280004090	0184	0280005040	0434	0280006422	0140
0280002364	0140	0280004180	0184	0280005060	0946	0280006440	0946
0280002570	0327	0280004240	9186	0280005060	9260	0280006440	9260
0280002571	0327	0280004241	9186	0280005070	0184	0280006450	0947
0280002572	0327	0280004242	9186	0280005071	0184	0280006494	0140
0280002660	0140	0280004243	9186	0280005090	0339	0280006520	0341
0280002660	0184	0280004250	9186	0280005091	0339	0280006560	9301
0280002661	0184	0280004251	9186	0280005092	0339	0280006561	9301
0280002681	0140	0280004252	9186	0280005100	9186	0280006620	9186
0280002890	0184	0280004253	9186	0280005220	0342	0280006640	9301
0280002911	9186	0280004270	0327	0280005230	0342	0280006701	9186
0280002930	0184	0280004320	9186	0280005270	0341	0280006710	9186
0280002931	0184	0280004321	9186	0280005280	0184	0280006711	9186
0280002932	0184	0280004322	9186	0280005420	0341	0280006780	9402
0280002933	0184	0280004323	9186	0280005430	0327	0280006790	0184
0280002970	0341	0280004330	0140	0280005470	0327	0280006800	0140
0280003000	0184	0280004340	9186	0280005490	9301	0280006810	0140

Nippondenso	N° ZEN
0280006813	0140
0280006823	0140
0280006880	9301
0280006920	0434
0280006930	0947
0280007000	0946
0280007000	9260
0280007001	0946
0280007093	0140
0280007130	0339
0280007131	0339
0280007132	0140
0280007190	9186
0280007191	9186
0280007240	9301
0280007320	9186
0280007321	0947
0280007321	9186
0280007332	0140
0280007351	0946
0280007370	0921
0280007373	0921
0280007373	1215
0280007380	9186
0280007390	9186
0280007391	9186
0280007392	0947
0280007392	9186
0280007430	0434
0280007431	0434
0280007460	0140
0280007461	0140
0280007470	0140
0280007480	0343
0280007520	0140
0280007521	0140
0280007550	9186
0280007560	0947
0280007560	9186
0280007620	0947
0280007620	9186
0280007700	9186
0280007730	9349
0280007730	9403
0280007780	0140
0280007790	0946
0280007790	9260
0280007791	0946
0280007791	9260
0280007810	9301
0280007830	12609
0280007981	0140
0280007990	9186
0280008000	9186
0280008040	0686
0280008050	0947

Nippondenso	N° ZEN
0280008050	9186
0280008060	0947
0280008060	9186
0280008070	9301
0280008080	9186
0280008110	0342
0280008120	0342
0280008180	9186
0280008220	0947
0280008220	9186
0280008261	0947
0280008290	0947
0280008320	0947
0280008380	9186
0280008451	1097
0280008620	9186
0280008670	9186
0280008760	0921
0280008760	1215
0280008761	0921
0280008762	0921
0280008762	1215
0280008850	0947
0280009010	0140
0280009020	0140
0280009070	0947
0280009070	9186
0280009120	9186
0280009121	9186
0280009260	0947
0280009260	9186
0280009270	9186
0280009300	0946
0280009320	9186
0280009321	9186
0280009340	9186
0280009380	0947
0280009380	9186
0280009430	0686
0280009570	0140
0280009680	0140
0280009690	0184
0280009711	0947
0280009720	0947
0280009720	9186
0280009730	9186
0280009770	9301
0280009860	0947
0280009860	9186
0280009900	0576
0280009901	0576
0280009960	0140
028004822	0327
112309T26	1473
1280000020	0946
1280000020	9260

Nippondenso	N° ZEN
1280000070	12609
1280000101	0947
1280000120	9186
1280000130	9186
1280000140	12609
1280000210	9302
1280000220	0947
1280000230	0947
1280000260	0434
1280000280	9186
1280000300	9186
1280000360	0921
1280000362	0921
1280000362	1215
1280000400	9186
1280000500	0947
1280000510	0947
1280000540	9302
1280000590	9186
1280000620	9186
1280000622	9186
1280000771	0434
1280000772	0434
1280000830	0946
1280000830	9260
1280000831	0946
1280000831	9260
1280000832	0946
1280000930	1097
1280000960	0946
1280000960	9260
1280001060	9402
1280001100	0946
1280001100	9260
1280001110	0946
1280001240	9186
1280001250	9186
1280001290	0686
1280001291	0686
1280001310	0498
1280001311	0498
1280001350	9186
1280001370	0947
1280001370	9186
1280001440	0947
1280001440	9186
1280001441	0947
1280001470	12609
1280001520	0947
1280001610	0140
1280001630	0947
1280001761	0686
1280001780	9402
1280001860	0686
1280001880	0921
1280001900	9186

Nippondenso	N° ZEN
1280002000	0434
1280002040	9186
1280002050	0140
1280002060	0947
1280002060	9186
1280002170	0498
1280002180	9186
1280002190	9186
1280002250	9402
1280002251	9402
1280002270	9302
1280002480	9302
1280002560	9402
1280002590	9186
128000283	9504
1280002880	0946
1280002881	0946
1280002881	9260
1280003030	9402
1280003120	9302
1280003340	0947
1280003350	0947
1280003350	9186
1280003471	12609
1280003472	12609
1280003482	12609
1280003540	0950
1280003590	0947
1280003640	0686
1280003670	0947
1280003690	0434
1280003990	0947
1280004080	9402
1280004090	9402
1280004100	9301
1280004220	9302
1280004340	0434
1280004390	9260
1280004420	0947
1280004420	9186
1280004660	0946
1280004661	0946
1280004670	0498
1280004671	0498
1280004860	0773
1280004861	0773
1280004880	0773
1280004910	9302
128000492	0967
1280004960	9349
1280004970	9402
1280005080	9186
1280005090	9301
1280005211	0809
1280005261	0947
1280005270	9349

Nippondenso	N° ZEN	Nippondenso	N° ZEN	Nippondenso	N° ZEN	Nippondenso	N° ZEN
1280005280	9349	1280008080	0947	2280000620	9302	2280005022	1097
1280005300	9301	1280008130	0140	2280000640	0921	2280005023	1097
128000533	0948	1280008140	0921	2280000640	1215	2280005040	10049
1280005330	0434	1280008142	0921	2280000810	10049	228000504	9504
1280005340	9186	1280008142	1215	228000081	9504	2280006240	1218
1280005350	1097	1280008150	0921	2280000820	1211	228000642	9504
1280005370	9402	1280008152	0921	2280000830	1211	2280006421	10049
1280005410	0947	1280008152	1215	2280000880	0773	2280007200	10049
1280005561	9186	1280008200	9186	2280000960	0947	228000720	9504
1280005571	9186	1280008210	0818	2280001000	12609	2810054380	0954
1280005580	9186	1280008210	9186	2280001040	12609	2810067050	1097
1280005581	9186	1280008240	0947	2280001100	0947	4280000320	0809
1280005590	12609	1280008290	9402	2280001110	0947	4280000321	0809
1280005600	9402	128000830	9260	2280001300	0921	4280001590	0809
1280005620	9402	128000832	1213	2280001300	1215	Nissan-Datsun	N° ZEN
1280005621	9402	1280008321	1213	228000136	0948	23300	0790
1280005630	9186	1280008400	1211	228000138	0948	2330000H10	0450
1280005670	9349	1280008500	9186	228000139	0948	2330000H11	0450
1280005680	0809	1280008530	0809	228000140	0948	2330001E00	0499
1280005691	9186	1280008531	0809	2280001710	0947	2330001E11	0450
1280005700	0947	1280008560	0947	228000180	1212	2330001E13	0450
1280005700	9186	1280008700	0946	228000180	9632	2330001N00	0634
1280005780	0947	1280008890	0809	2280001850	1097	2330001Y10	0596
1280005780	9186	1280008891	0809	2280001910	1211	23300-02E10	1043
1280005781	0947	1280008980	1097	2280001890	0946	2330003E00	0499
1280005840	0947	1280009290	0809	2280002020	0947	2330004E00	0791
1280005850	0947	1280009291	0809	2280002050	10049	2330004E01	0791
1280005942	12609	1280009360	0950	228000205	9504	23300-04E10	1043
1280005952	12609	1280009380	1201	2280002120	0954	233000500	0790
128000597	0948	1280009500	9302	2280002121	0947	23300054A01	0790
128000606	0967	1280009550	1097	2280002260	10049	2330005E00	0790
128000608	0967	1280009591	0921	228000226	9504	2330005H11	0450
1280006320	9349	1280009592	0921	2280002300	0947	2330005P01	0791
1280006340	0809	1280009592	1215	2280002500	1211	2330006E00	0499
1280006720	0809	1280009610	9402	2280002610	0947	2330006W61	0737
1280007040	9402	128000970	9504	2280002620	0947	2330006W61	0790
1280007080	10049	1280009710	1211	2280002682	0947	2330006W61	9488
1280007090	0947	1280009720	1211	2280002691	0947	233000703	0790
1280007100	0947	1280009950	9186	2280002701	0947	233000712	0352
128000708	9504	128005080	9186	2280002760	0947	2330008700	0141
128000721	9186	128005670	9349	2280002770	0947	2330008U10	0595
1280007210	9186	128007210	9186	2280002851	0947	2330009500	0141
128000723	0948	1383240	1473	2280002880	0947	2330009600	0141
1280007330	0947	185086440	0841	2280003200	0947	2330009601	0349
1280007353	0921	220000200	1097	2280003290	0947	2330009602	0141
1280007353	1215	220000460	1097	2280003330	12609	23300099600	0141
128000739	1211	228000036	9492	228000340	9632	23300-09E00	9527
1280007460	10049	2280000020	9402	2280003640	1097	23300100G02	0790
128000746	9504	228000003	0967	2280003680	1097	2330010600	0141
1280007500	1201	228000005	0967	2280003990	10049	2330010601	0141
1280007680	0947	228000022	1212	228000399	9504	2330010605	0141
1280007690	0947	228000022	9542	2280004320	0947	2330010615	0141
1280007740	0841	2280000311	0947	2280004330	0947	2330010G02	0790
1280007750	9301	2280000400	0921	2280004980	1097	23300-10G02	9527
1280007912	0947	2280000400	1215	2280005020	1097	2330011M00	0790
1280008070	0947	2280000580	0947	2280005021	1097	2330011M02	0790

Nissan-Datsun	N° ZEN
2330011M00	0790
2330011N00	0790
2330015800	0141
2330015805	0141
2330015815	0448
2330015A00	0554
2330015A05	0554
2330015A06	0554
2330017C60	0737
2330017C60	9488
2330018000	0141
2330018005	0141
2330018015	0141
2330018C00	0499
2330018C01	0499
2330018C03	0499
2330018C05	0351
2330018C06	0351
2330018C60	0737
2330018C60	9488
23300-18C70	1043
2330020P00	0634
2330020P10	0595
2330020P11	0595
2330020R11	0596
2330020R91	0596
2330021000	0141
2330021005	0141
2330021006	0141
2330021007	0141
2330021008	0141
2330021009	0141
2330021017	0141
2330021P00	0737
2330021P00	9488
2330022P00	0737
2330022P00	9488
2330022P70	0595
2330022P71	0595
2330026900	0141
2330026901	0141
2330030F10	0596
2330030F11	0596
2330030R12	0679
2330030R13	0679
2330031W00	0448
2330031W01	0448
2330031W02	0448
2330031W03	0448
2330031W04	0448
2330031Y03	0448
2330032W03	0448
233003470	0448
2330036A00	0793
2330036A00	1207
233003705	0448

Nissan-Datsun	N° ZEN
2330037503	0448
2330037505	0448
2330037506	0448
2330037508	0448
23300375088	0448
2330038W00	0790
2330041B70	0450
2330041B76	0595
2330042L11	0450
2330042L13	0450
2330042L14	0450
2330042L70	0595
2330043300	0141
2330043305	0141
2330043405	0141
2330044R10	0596
2330044R11	0596
2330048300	0141
2330048301	0141
233005002	0349
2330050Y10	0595
2330050Y11	0595
2330050Y12	0595
2330051E10	0596
2330051E11	0596
233005301	0737
2330054A01	0790
23300-54A01	9527
2330057M00	0499
2330057M05	0499
2330057M70	0595
2330057M75	0595
2330057M90	0595
2330057N60	0634
233005E00	0790
2330060S10	0450
2330065Y10	0595
233006900	0349
2330069690	0351
2330069960	0351
2330070J00	0863
2330070J10	1062
2330070J11	1062
2330070J12	1062
2330070Y00	0517
2330070Y01	0517
23300-7260	9527
2330074Y00	0517
2330077A11	0595
2330078505	0141
2330078511	0144
2330079400	0141
2330079601	0448
2330080G10	0712
2330080W00	0499
2330083W00	0790

Nissan-Datsun	N° ZEN
23300-83W00	9527
2330084A17	0595
2330085A01	0517
2330086G10	0712
2330090062	0448
2330090217	0448
2330090E00	0790
23300A3210	0448
23300B500	0349
23300B5000	0349
23300B5002	0349
23300B5013	0352
23300C0600	0429
23300D0100	0499
23300D0200	0499
23300D0212	0352
23300D0214	0450
23300D0220	0499
23300D0300	0791
23300D0301	0791
23300D0511	0596
23300D0513	0596
23300D1700	0499
23300E3000	0141
23300E3001	0141
23300E3100	0141
23300E3101	0141
23300E6800	0351
23300E6801	0351
23300G700	0448
23300G7000	0448
23300G7001	0448
23300G7002	0448
23300G7003	0448
23300G7004	0448
23300G7005	0448
23300G7006	0448
23300G7007	0448
23300G8400	0634
23300H0100	0141
23300H0101	0141
23300H3900	0141
23300H5001	0349
23300H5002	0349
23300H5003	0349
23300H5004	0349
23300H5012	0352
23300H5013	0352
23300H5014	0853
23300H5300	0349
23300H5400	0349
23300H5902	0737
23300H6900	0349
23300H6901	0349
23300H6902	0349
23300H6903	0349

Nissan-Datsun	N° ZEN
23300H6904	0349
23300H7300	0349
23300H7301	0349
23300H7302	0349
23300H9100	0737
23300H9100	9488
23300H9101	0737
23300H9101	9488
23300-H9112	1043
23300k9160	0758
23300KA010	0517
23300KA160	0517
23300KA270	0517
23300KA440	0517
23300KA510	0517
23300L1800	0448
23300L2912	0450
23300M1052	0382
23300M1500	0382
23300M15001	0382
23300M1501	0382
23300M1502	0382
23300M1503	0382
23300M1510	0382
23300M4900	0791
23300M4901	0791
23300M4903	0791
23300M4904	0791
23300-M4904	9528
23300M5901	0382
23300M5903	0382
23300M8000	0517
23300M8001	0517
23300M8101	0554
23300M8200	0517
23300M8201	0517
23300M8301	0554
23300M8501	0554
23300M8502	0554
23300N0900	0351
23300N3301	0351
23300N3304	0351
23300N5900	0737
23300N5900	9488
23300N5902	0737
23300N5902	9488
23300N5903	0737
23300N5903	9488
23300-N5911	1043
23300P5112	0352
23300P5113	0352
23300P5113	0450
23300P5114	0450
23300R2000	0737
23300R2000	9488
23300R9000	0352

Nissan-Datsun	N° ZEN
23300S0100	0351
23300T3400	0448
23300T3470	0448
23300T5070	0352
23300T5070	0450
23300T5072	0450
23300T5600	0448
23300T5601	0448
23300U0100	0351
23300U0101	0351
23300U0102	0351
23300U0113	0352
23300U0114	0352
23300U0601	0351
23300U0602	0351
23300U6001	0351
23300U6002	0351
23300U6003	0351
23300U6004	0351
23300U6005	0351
23300U7500	0737
23300U7500	9488
23300U7501	0737
23300U7501	9488
23300U7502	0737
23300U7502	9488
23300V0600	0448
23300V06001	0448
23300V0601	0448
23300V0602	0448
23300V0603	0448
23300V0605	0448
23300V0700	0790
23300V0702	0790
23300V0703	0790
23300-V0703	9527
23300V0705	0790
23300V0706	0790
23300V07702	0790
23300V5202	0499
23300V5300	0737
23300V5300	9488
23300V5301	0737
23300V5301	9488
23300V5302	0737
23300V700	0790
23300-V7200	9527
23300V7260	0790
23300V0703	0790
23300W0400	0351
23300W0401	0351
23300W0402	0499
23300W0403	0499
23300W0413	0450
23300W0417	0450
23300W1000	0737

Nissan-Datsun	N° ZEN
23300W1000	9488
23300W1002	0737
23300W1002	9488
23300-W1011	1043
23300W2500	0790
23300W2804	0790
23300-W2804	9527
23300W3101	0448
23300W7000	0737
23300W7000	9488
23300W7001	0737
23300W7001	9488
23300-W7011	1043
23300Y0700	0351
23300Y0701	0351
23300Y0715	0450
23300Y1400	0448
23300Y1403	0448
23300Y1405	0448
23300Y7000	0737
23300Y7000	9488
23300Y7001	0737
23300Y7001	9488
23300Z700	0448
23300Z7000	0448
23300Z7001	0448
23300Z7005	0448
2330221008	0141
23330H6901	0349
4330078505	0141
NSA	N° ZEN
STR-3622	1548
Onan	N° ZEN
19911052	0427
Pal	N° ZEN
443115141310	0902
976117	0902
Paris-Rhone	N° ZEN
D10E85	0570
D10E92	0570
D10E922	0570
D11E105	0217
D11E109	0217
D11E110	0217
D11E115	0217
D11E142	0217
D11E143	0217
D11E156	0216
D11E159	0215
D11E165	0215
D11E172	0571
D11E191	0461
D11E79	0217
D13E117TE	0117
D13E119TE	0117
D13E120TE	0117

Paris-Rhone	N° ZEN
D13E121TE	0117
D13E122TE	0117
D13E123TE	0117
D13E123TE	0117
D8E111	1302
D8E121	0248
D8E130	0285
D8E131	0285
D8E142	0248
D8E152	0248
D8E45	1302
D8E52	1302
D8E54	1302
D8E70	1302
D8E74	1302
D8E81	0248
D8E83	0189
D8E86	1302
D8RA114	0189
D9E100	0287
D9E101	0287
D9E109	0287
D9E110	0287
D9E113	0287
D9E114	0287
D9E12	0248
D9E123	0287
D9E124	0287
D9E125	0287
D9E127	0287
D9E129	0287
D9E20	0248
D9E22	0248
D9E26	0248
D9E34	0248
D9E35	0248
D9E36	0287
D9E37	0248
D9E38	0287
D9E39	0287
D9E41	0248
D9E46	0287
D9E48	0287
D9E49	0287
D9E52	0287
D9E54	0287
D9E55	0287
D9E56	0287
D9E61	0287
D9E62	0287
D9E66	0287
D9E68	0287
D9E69	0287
D9E70	0287
D9E74	0287
D9E76	0287

Paris-Rhone	N° ZEN
D9E77	0287
D9E771	0287
D9E773	0287
D9E78	0287
D9E79	0287
D9E81	0287
D9E85	0287
D9E86	0287
D9R112	0961
D9R118	0961
D9R121	0936
D9R122	0961
D9R135	0961
D9R84	0936
D9R89	0961
D9R99	0961
Peugeot	N° ZEN
5802AQ	1650
Porsche	N° ZEN
21013708000	0213
2330005E00	0790
23300W2804	0790
CT2213708000	0213
E90SZ11000AA	1192
E90V11002A	1192
E9SF11002A	1192
S1347A	0790
S1350	0790
S1369	0790
Prestolite	N° ZEN
2T0911335	1091
35259440	1092
35259460	1523
35259770	1092
35259880	1623
35259890	0991
35260890	1621
35260940	1622
35260950	1622
35261070	1622
35261120	1623
35261155	1623
462361	0930
M93R	1090
MES6301K	0117
MES6403JUT	0879
MFJ6501	0930
RCP	N° ZEN
ST-882	9823
Remy	N° ZEN
10455053	0612
10455069	0783
10455081	0783
10455505	0854
10461001	0625

Remy	Nº ZEN	Remy	Nº ZEN	Remy	Nº ZEN	Remy	Nº ZEN
10461001	0755	10478949	0624	10479634	1194	1107266	0020
10461002	0625	10478953	0625	10479638	1194	1107268	0093
10461002	0755	10478953	0755	10479641	1194	1107268	0568
10461003	0625	10478957	0625	10479645	1112	1107270	0013
10461003	0755	10478957	0755	10479650	0985	1107272	0013
10461005	0625	10478960	0624	10479651	1112	1107273	0020
10461005	0755	10478961	1205	10479652	1112	1107274	0020
10461006	0625	10478976	0625	10479654	0985	1107279	0013
10461006	0755	10478976	0755	1103809	0188	1107280	0052
10461007	0624	10479014	0624	1107037	1216	1107286	0020
10461008	0624	10479015	0625	1107056	1216	1107289	0020
10461010	0624	10479015	0755	1107074	1216	1107290	0093
10461013	0624	10479016	0625	1107084	1216	1107290	0568
10461015	0625	10479016	0625	1107087	1216	1107291	0093
10461015	0755	10479020	0625	1107088	1216	1107291	0568
10461016	0624	10479034	0624	1107089	1216	1107293	0020
10461018	0624	10479035	0625	1107092	1216	1107294	0020
10461039	0625	10479035	0755	1107095	1216	1107298	0020
10461039	0755	10479036	0625	1107115	1216	1107299	0020
10461044	0625	10479036	0755	1107116	1216	1107301	0020
10461044	0755	10479054	0625	1107125	1216	1107302	0020
10461069	0625	10479054	0755	1107126	1216	1107303	0020
10461069	0755	10479068	0625	1107134	1216	1107306	0020
10461417	1205	10479068	0755	1107139	1216	1107307	0020
10461771	1679	10479069	0625	1107141	1216	1107308	0052
10461772	1679	10479069	0755	1107149	1216	1107313	0020
10465151	1194	10479109	1205	1107158	1216	1107314	0020
10465167	0756	10479196	0624	1107163	0020	1107315	0020
10465294	0774	10479196	0858	1107173	1216	1107316	0020
10465314	1194	10479292	1205	1107196	1216	1107317	0020
10478805	0624	10479310	1205	1107198	1216	1107320	0020
10478806	0625	10479600	0723	1107203	0052	1107321	0020
10478806	0755	10479604	1194	1107208	0013	1107322	0032
10478811	0624	10479605	0721	1107213	0032	1107330	0020
10478814	0625	10479606	0650	1107214	0093	1107331	0020
10478814	0755	10479606	1196	1107214	0568	1107332	0052
10478818	1205	10479607	0649	1107217	1216	1107336	0020
10478819	0625	10479607	1195	1107219	0020	1107340	0020
10478819	0755	10479608	0721	1107223	0013	1107342	0020
10478825	0624	10479611	0722	1107233	0020	1107343	0051
10478826	0624	10479612	0721	1107234	0052	1107344	0051
10478831	0625	10479613	0650	1107234	0093	1107345	0020
10478831	0755	10479613	1196	1107234	0568	1107346	0020
10478862	0555	10479614	1194	1107235	1216	1107347	0020
10478890	0625	10479615	1194	1107237	0020	1107349	0020
10478890	0755	10479616	0722	1107242	0020	1107352	0020
10478898	1210	10479617	1194	1107245	0052	1107353	0020
10478921	0625	10479618	1194	1107248	0020	1107354	0013
10478921	0755	10479619	0645	1107249	0093	1107355	0020
10478927	0624	10479620	0651	1107249	0568	1107356	0052
10478928	0625	10479620	1197	1107251	0051	1107360	0020
10478928	0755	10479621	0629	1107253	1216	1107361	0020
10478929	0625	10479625	1194	1107258	0032	1107363	0020
10478929	0755	10479626	0985	1107259	0020	1107364	0052
10478930	0625	10479629	0722	1107260	0020	1107365	0020
10478930	0755	10479634	0629	1107261	0032	1107367	0020

Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN
1107368	0020	1107581	0051	1107874	0052	1108240	0568
1107369	0020	1107582	0093	1107875	0051	1108250	0052
1107370	0020	1107582	0568	1107879	0052	1108251	0052
1107371	0020	1107583	0052	1107881	0032	1108258	0032
1107372	0020	1107584	0052	1107889	0020	1108280	0093
1107373	0020	1107587	0051	1107927	1216	1108280	0568
1107374	0020	1107588	0051	1107928	0032	1108322	0093
1107377	0052	1107591	0093	1107943	1216	1108322	0568
1107378	0052	1107591	0568	1107954	1216	1108323	0052
1107379	0052	1107592	0093	1107977	1216	1108340	0052
1107382	0093	1107592	0568	1108008	1216	1108341	0052
1107382	0568	1107593	0093	1108014	0032	1108379	0093
1107389	0013	1107593	0568	1108015	1216	1108379	0568
1107393	0052	1107598	0052	1108021	1216	1108393	0052
1107397	0013	1107600	0051	1108029	1216	1108396	0093
1107398	0013	1107605	1216	1108032	0032	1108396	0568
1107501	0052	1107641	0013	1108033	0052	1108397	0093
1107503	0093	1107650	0050	1108037	1216	1108397	0568
1107503	0568	1107651	0050	1108042	0052	1108415	0093
1107504	0051	1107652	0013	1108047	0032	1108415	0568
1107510	0051	1107653	0013	1108048	0032	1108431	0093
1107511	0093	1107654	1216	1108051	0052	1108431	0568
1107511	0568	1107655	0013	1108052	0032	1108438	0052
1107512	0093	1107657	0013	1108056	0032	1108443	0093
1107512	0568	1107658	1216	1108057	1216	1108443	0568
1107515	0093	1107659	1216	1108061	0032	1108447	0093
1107515	0568	1107661	0013	1108062	0032	1108447	0568
1107516	0052	1107665	0013	1108063	0032	1108449	0093
1107523	0052	1107666	0050	1108064	0032	1108449	0568
1107527	0051	1107668	0013	1108065	0032	1108476	0093
1107533	0093	1107680	0052	1108066	0032	1108476	0568
1107533	0568	1107695	1216	1108068	1216	1108493	0093
1107534	0051	1107696	0093	1108071	0032	1108493	0568
1107538	0051	1107696	0568	1108077	1216	1108501	0052
1107539	0093	1107728	1216	1108078	1216	1108632	0093
1107539	0568	1107734	0052	1108081	0032	1108632	0568
1107540	0093	1107741	0032	1108106	1216	1108634	0093
1107540	0568	1107745	1216	1108112	1216	1108634	0568
1107546	0052	1107746	1216	1108113	0032	1108636	0051
1107547	0052	1107747	1216	1108126	1216	1108641	0051
1107550	0052	1107748	0050	1108131	1216	1108643	0051
1107553	0051	1107749	0050	1108149	1216	1108644	0093
1107556	0052	1107755	1216	1108150	1216	1108644	0568
1107557	0093	1107762	1216	1108152	0032	1108648	0093
1107557	0568	1107771	0052	1108161	0052	1108648	0568
1107558	0052	1107787	1216	1108163	0032	1108649	0093
1107559	0052	1107788	0032	1108166	0032	1108649	0568
1107561	0093	1107830	1216	1108168	0032	1108652	0051
1107561	0568	1107857	0093	1108169	0032	1108653	0051
1107567	0051	1107857	0568	1108170	0032	1108661	0051
1107571	0052	1107859	0093	1108171	0032	1108662	0052
1107572	0052	1107859	0568	1108182	0032	1108665	0052
1107575	0093	1107867	0093	1108186	1216	1108667	0093
1107575	0568	1107867	0568	1108235	0032	1108667	0568
1107580	0093	1107872	0093	1108239	0051	1108672	0052
1107580	0568	1107872	0568	1108240	0093	1108692	0051

Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN
1108696	0093	1109649	0110	1113197	0381	1113374	0879
1108696	0568	1109654	1216	1113269	1194	1113378	0097
1108769	0052	1109671	1216	1113270	1194	1113386	0097
1108894	0188	1109736	0117	1113272	0722	1113393	0097
1108895	0188	1109741	0117	1113273	0650	1113407	0097
1108898	0117	1109746	0117	1113273	1196	1113472	0097
1108987	0117	1109755	0110	1113274	0649	1113475	0110
1109023	0093	1109759	0110	1113274	1195	1113477	0097
1109023	0568	1109762	0188	1113275	0649	1113477	0914
1109081	0052	1109767	0188	1113275	1195	1113519	0110
1109140	0051	1109792	0555	1113277	0722	1113598	0566
1109158	0117	1109801	0117	1113278	0649	1113602	0117
1109169	0117	1109823	0188	1113278	1195	1113603	0117
1109170	0117	1109869	0117	1113279	0650	1113605	0117
1109172	0117	1109874	0188	1113279	1196	1113606	0188
1109178	0117	1109891	0188	1113280	0650	1113607	0117
1109184	0117	1109962	0626	1113280	1196	1113612	0188
1109192	0052	1109998	0097	1113281	0649	1113617	0117
1109194	0093	1112775	0117	1113281	1195	1113619	0188
1109194	0568	1113007	0051	1113282	0649	1113620	0117
1109196	0051	1113010	0051	1113282	1195	1113621	0117
1109220	0626	1113013	0051	1113284	0649	1113628	0097
1109229	0117	1113038	0051	1113284	1195	1113631	0097
1109230	0117	1113050	0051	1113285	0649	1113639	0566
1109233	0117	1113052	0051	1113285	1195	1113643	0110
1109233	0117	1113056	0051	1113286	0651	1113645	0110
1109234	0188	1113059	0051	1113286	1197	1113647	0381
1109235	0117	1113064	0051	1113287	0652	1113655	0566
1109236	0117	1113066	0051	1113288	0649	1113670	0097
1109237	0188	1113075	0051	1113288	1195	1113695	0566
1109248	0188	1113084	0051	1113289	0649	1113730	0188
1109249	0117	1113089	0051	1113289	1195	1113731	0188
1109259	0052	1113097	0051	1113290	0649	1113736	0188
1109297	0626	1113099	0051	1113290	1195	1113741	0188
1109359	0977	1113100	0051	1113291	0722	1113744	0117
1109360	0977	1113101	0051	1113292	1194	1113747	0188
1109384	1216	1113110	0051	1113295	1194	1113751	0188
1109388	0032	1113111	0051	1113296	1194	1113772	0188
1109395	0032	1113116	0051	1113297	0649	1113773	0188
1109450	1216	1113121	0051	1113297	1195	1113774	0117
1109457	1216	1113124	0051	1113311	0117	1113775	0117
1109458	1216	1113127	0117	1113312	0117	1113781	0188
1109462	0032	1113128	0051	1113313	0117	1113782	0188
1109468	1216	1113130	0051	1113326	0117	1113785	0188
1109479	0032	1113133	0051	1113327	0117	1113794	0117
1109624	0097	1113136	0051	1113329	0117	1113801	0879
1109625	0110	1113137	0051	1113330	0117	1113804	0879
1109627	0110	1113142	0051	1113335	0117	1113805	0188
1109628	0097	1113143	0051	1113337	0117	1113809	0188
1109631	0110	1113145	0051	1113344	0930	1113811	0879
1109636	0110	1113150	0051	1113350	0879	1113815	0188
1109637	0097	1113153	0051	1113353	0097	1113816	0117
1109638	0097	1113154	0051	1113359	0117	1113817	0879
1109642	0110	1113156	0051	1113366	0097	1113822	0117
1109643	0110	1113157	0051	1113369	0879	1113827	0097
1109648	0626	1113158	0051	1113371	0097	1113832	0110

Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN
1113848	0097	1114140	0110	1990499	0755	1993790	0755
1113852	0182	1114143	0110	1990707	0624	1993791	0624
1113853	0097	1114145	0110	1992019	0117	1993792	0625
1113856	0626	1114146	0182	1993669	0624	1993792	0755
1113871	0182	1114148	0110	1993701	0625	1993793	0625
1113873	0182	1114150	0110	1993701	0755	1993793	0755
1113884	0110	1114154	0182	1993702	0625	1993794	0624
1113885	0188	1114155	0914	1993702	0755	1993799	0625
1113889	0626	1114168	0182	1993705	0625	1993799	0755
1113891	0097	1114177	0914	1993705	0755	1993800	0625
1113904	0097	1114183	0626	1993709	0624	1993800	0755
1113917	0626	1114197	0110	1993712	0625	1993801	0914
1113928	0097	1114716	0914	1993712	0755	1993817	0625
1113934	0097	1114948	0914	1993713	0624	1993817	0755
1113940	0182	1114955	0117	1993719	0624	1993818	0625
1113941	0182	1114976	0117	1993723	0625	1993818	0755
1113943	0097	1117335	0052	1993723	0755	1993819	0625
1113952	0110	1117356	0052	1993726	0625	1993819	0755
1113955	0110	1117364	0052	1993726	0755	1993826	0914
1113956	0110	1117377	0052	1993728	0624	1993829	0625
1113957	0110	1358859	0783	1993729	0624	1993829	0755
1113958	0110	1990232	0555	1993732	0624	1993831	0624
1113965	0110	1990285	0555	1993738	0625	1993832	0624
1113966	0110	1990308	0625	1993738	0755	1993832	0625
1113968	0110	1990308	0755	1993741	0625	1993832	0755
1113970	0110	1990309	0625	1993741	0755	1993837	0625
1113971	0110	1990309	0755	1993742	0624	1993837	0755
1113972	0110	1990310	0624	1993744	0625	1993850	0625
1113973	0110	1990311	0625	1993744	0755	1993850	0755
1113974	0110	1990311	0755	1993745	0624	1993851	0624
1113975	0110	1990312	0625	1993746	0624	1993853	0624
1113977	0110	1990312	0755	1993754	0625	1993854	0625
1113978	0110	1990313	0624	1993754	0755	1993854	0755
1113979	0110	1990315	0624	1993755	0624	1993855	0625
1113981	0110	1990315	0625	1993756	0625	1993855	0755
1113983	0110	1990315	0755	1993756	0755	1993861	0624
1113985	0182	1990316	0624	1993759	0625	1993862	0625
1113986	0110	1990317	0624	1993759	0755	1993862	0755
1113988	0182	1990318	0625	1993761	0625	1993865	0624
1113994	0110	1990318	0755	1993761	0755	1993866	0625
1113995	0110	1990319	0624	1993762	0625	1993866	0755
1113997	0110	1990320	0624	1993762	0755	1993869	0624
1114024	0117	1990321	0624	1993763	0624	1993869	0858
1114028	0117	1990326	0625	1993764	0624	1993871	0624
1114036	0117	1990326	0755	1993767	0625	1993873	0624
1114041	0188	1990327	0624	1993767	0755	1993874	0624
1114043	0117	1990330	0624	1993768	0624	1993878	0624
1114044	0117	1990331	0624	1993769	0625	1993879	0625
1114045	0117	1990332	0624	1993769	0755	1993879	0755
1114047	0626	1990335	0117	1993770	0624	1993880	0625
1114052	0182	1990336	0624	1993774	0914	1993880	0755
1114066	0110	1990347	0625	1993778	0624	1993881	0624
1114077	0182	1990347	0755	1993784	0914	1993881	0625
1114092	0110	1990486	0914	1993789	0625	1993881	0755
1114094	0182	1990498	0624	1993789	0755	1993883	0624
1114101	0182	1990499	0625	1993790	0625	1993885	0624

Remy	N° ZEN
1993885	0858
1993886	0625
1993886	0755
1993887	0624
1993891	0624
1993893	0625
1993893	0755
1993894	0625
1993894	0755
1993898	0624
1993901	0624
1993901	0858
1993902	0624
1993902	0858
1993903	0625
1993903	0755
1993905	0625
1993905	0755
1993909	0624
1993910	0624
1993911	0624
1993914	0625
1993914	0755
1993917	0625
1993917	0755
1993918	0624
1993918	0858
1993920	0624
1993921	0625
1993921	0755
1993926	0624
1993928	0624
1993928	0858
1993931	0624
1993931	0858
1993947	0625
1993947	0755
1993950	0625
1993950	0755
1993951	0625
1993951	0755
1993953	0624
1993954	0625
1993954	0755
1993955	0625
1993955	0755
1993956	0625
1993956	0755
1993957	0625
1993957	0755
1993958	0624
1993963	0625
1993963	0755
1993964	0624
1993965	0624
1993966	0624

Remy	N° ZEN
1993970	0625
1993970	0755
1993971	0625
1993971	0755
1993974	0624
1993981	0625
1993981	0755
1993986	0625
1993986	0755
1993988	0625
1993988	0755
1993992	0624
1993994	0625
1993994	0755
1993997	0624
2058	0783
24506694	0958
323489	0774
323818	0625
323818	0755
323834	0625
323834	0755
323835	0625
323835	0755
323836	0625
323836	0755
323837	0625
323837	0755
323839	0625
323839	0755
323840	0625
323840	0755
323841	0624
323842	0624
323843	0624
323844	0624
323847	0624
323849	0625
323849	0755
323850	0624
323852	0624
323868	0625
323868	0755
323869	0625
323869	0755
323879	0625
323879	0755
323880	0625
323880	0755
3471141	0243
3471143	0243
3471144	0243
37MT	0888
4N4405	0930
8000006	10003
8000032	1650

Remy	N° ZEN
8000071	1482
8000090	10003
8000158	10003
8000159	10003
8000188	10003
9000773	0611
9000786	0756
9000794	0770
9000805	0774
9000812	0774
9000836	0958
9000841	0958
9000846	0770
9000854	0958
9000857	0958
9000858	0958
9000869	1614
9000871	0958
9000872	0958
9000873	0958
9000879	0958
9000880	0958
9000882	0958
9000884	0958
9000890	10003
9000893	10003
9000944	10003
9000978	10003
9000981	10003
94123387	0946
96051950	0576
96062498	0576
CM9805	0774
Renault	N° ZEN
7702227059	0945
Romaine	N° ZEN
4117138	9702
41-17847	1548
416652	9823
6652N	9823
Subaru	N° ZEN
23300KA010	0517
23300KA270	0517
23300KA290	0517
429916400	0517
429916500	0517
429916700	0517
429916710	0517
829914120	0341
829918600	0341
Suzuki	N° ZEN
3110050A10	0617
3110060A11	0617
3110060A20	0617
3110060A21	0617
3110060AC1	0617

Suzuki	N° ZEN
3110063210	0184
3110080091	0450
3110082010	0576
3110082011	0576
3110083010	0450
3110083021	0450
Thermo King	N° ZEN
2810067050	1097
442918	0376
445443	0376
451229	0792
451229	9526
451263	0792
451263	9526
451285	0792
451285	9526
Tigershark	N° ZEN
3008093	1036
3008327	1036
3008536	1036
Toyota	N° ZEN
248100D100	1547
28100	0327
28100045033	0327
2810008020	1107
281000D100	1547
2810010012	0184
2810010013	0184
2810010040	0947
2810010040	9186
2810010060	0947
2810012030	0184
2810012040	0184
2810013010	0947
2810013010	9186
2810015020	0947
2810015020	9186
2810015040	0947
2810015040	9186
2810015050	0184
2810015070	0947
2810015070	9186
2810015130	0947
2810015130	9186
2810015140	0184
2810015180	0947
2810015180	9186
2810016020	0947
2810016020	9186
2810016080	0947
2810016080	9186
2810016110	0947
2810016270	0818
2810020550	9186
2810020551	9186
2810020552	9186

Toyota	N° ZEN	Toyota	N° ZEN	Toyota	N° ZEN	Valeo	N° ZEN
2810021030	0184	2810036020	0327	2810072020	9186	D6RA48	0747
2810022010	0184	2810036040	0327	2810072030	0947	D6RA5	0775
2810022011	0184	2810040011	0327	2810072040	0947	D6RA51	0775
2810022012	0184	2810040012	0327	2810072050	0947	D6RA511	0787
2810022020	0184	2810040013	0327	2810072060	0947	D6RA53	0787
2810022021	0184	2810040015	0327	2810072070	0947	D6RA56	1209
2810022022	0184	2810040040	0184	2810072090	0947	D6RA57	0775
2810022060	9301	2810040041	0327	2810072090	9186	D6RA571	0787
2810023010	0184	2810040050	0184	2810072100	0947	D6RA572	0787
2810023012	0184	2810040061	0140	2810072110	0947	D6RA59	0747
28100240012	0184	2810041010	0184	2810073010	0947	D6RA6	0747
28100240060	0184	2810041011	0184	2810087104	0184	D6RA6	0775
2810024012	0184	2810041013	0327	2810087701	0341	D6RA61	0747
2810024020	0184	2810041020	0327	2810087702	0341	D6RA62	1209
2810024022	0184	2810041060	0947	TRW	N° ZEN	D6RA63	0787
2810024030	0184	2810041060	9186	LRS661	9702	D6RA63	1209
2810024031	0184	2810042010	0327	United Technologies	N° ZEN	D6RA66	0775
2810024060	0184	2810042020	0327	10153340	1453	D6RA661	0787
2810024061	0184	2810042021	0140	10153440	1453	D6RA72	0775
2810024070	0184	2810042021	0327	10153540	1454	D6RA107	1209
2810024080	0184	2810042040	0947	6743040	1453	D6RA162	1209
2810024090	0184	2810042050	0947	6743240	1454	D6RA721	0787
2810024100	0184	2810042800	9301	6767540	1453	D6RA82	1209
2810024680	0184	2810044030	0947	6873740	1453	D6RA83	1209
281002470	0184	2810044041	0140	7005840	1453	D7E1	0965
2810025010	0184	2810044050	0947	UTMS	N° ZEN	D7E10	1064
2810025011	0184	2810045020	0327	MFJ6501	0930	D7E11	1064
2810025012	0184	2810045021	0327	Valeo	N° ZEN	D7E15	0843
2810026020	0184	2810045030	9186	8200225336	1618	D7E16	0965
2810026021	0184	2810045031	9186	93264950	0843	D7E17	0843
2810026022	0184	2810045032	9186	BD7E10	1064	D7E19	1064
2810026031	0327	2810045033	0327	BD7E17	0843	D7E2	1152
2810026043	9186	2810045033	0947	BD7R1	0843	D7E22	1064
2810026053	9186	2810045050	0947	D13E117TE	0117	D7E23	0965
2810026061	9186	2810046040	0327	D13E118TE	0117	D7E24	0965
2810026063	9186	2810047020	0327	D13E119TE	0117	D7E27	1064
2810026070	9186	2810047090C	9301	D13E120TE	0117	D7E33	0965
2810026100	9186	2810051031	0947	D13E121TE	0117	D7E33	1533
2810026110	9186	2810054010	9301	D13E122TE	0117	D7E34	0965
2810026120	9186	2810054061	9301	D13E123TE	0117	D7E37	0965
2810027010	0947	2810054090	9301	D6RA	0787	D7E39	0965
2810027030	0947	2810054100	0921	D6RA12	0775	D7E4	0843
2810027050	0947	2810054100	1215	D6RA133	1209	D7E43	0965
2810027050	9186	2810054170	0921	D6RA141	0787	D7E45	1533
2810027060	0947	2810054170	1215	D6RA16	0775	D7E47	1064
2810031010	0947	2810060010	0184	D6RA18	0775	D7E5	0965
2810032021	0184	2810060042	0140	D6RA20	0775	D7E56	1534
2810033011	0327	2810060070	0947	D6RA23	0775	D7E6	0843
2810034044	9186	2810060070	9186	D6RA26	0775	D7E8	0843
2810034052	9186	2810063020	0947	D6RA32	0747	D7E56	1534
2810034060	0947	2810063020	9186	D6RA33	0747	D7G11	1618
2810034060	9186	2810063050	0947	D6RA37	0775	D7R1	1074
2810034070	0140	2810063050	9186	D6RA38	0775	D7R11	1074
2810034080	0947	2810072010	0947	D6RA39	0747	D7R12	1023
2810034080	9186	2810072010	9186	D6RA41	0775	D7R13	1023
2810034100	0947	2810072020	0947	D6RA45	0775	D7R15	1074

Valeo	N° ZEN
D7R16	1023
D7R18	1023
D7R19	1458
D7R20	1023
D7R2	1074
D7R24	1074
D7R25	1023
D7R26	1023
D7R27	1023
D7R28	1458
D7R3	1074
D7R33	1074
D7R4	1074
D7R40	1023
D7R46	1023
D7R49	1023
D7R5	1023
D7R8	1023
D7R9	1023
D7RE46	1023
D8R27	1023
D8R49	1023
D9E123	0287
D9R112	0961
D9R118	0961
D9R119	0961
D9R134	0656
D9R135	0961
D9R142	1162
D9R149	0961
D9R73	0656
D9R89	0961
D9R90	0647
D9R91	0657
D9R99	0647
D9R99	0961
FS10B1	1686
ND161	1162

Visteon	N° ZEN
1C3U11000AA	1081
1C3U11000AB	1081
1C3U11000AC	1081
1C3U11000AD	1081
1C3U11000AE	1081
1C3Z11002AA	1081
2C2411000AA	1081

Volga	N° ZEN
4216.3708-01	1175
4216.3708-07	1176
6012.3708-000	1176
62.3708	1175

Volkswagen	N° ZEN
02A911023L	0937
02T911023E	1069
069911023E	1480

Volvo	N° ZEN
1328391	9702
132839-6	9702
5003003	9702
5003003-0	9702

W.A.I.	N° ZEN
21289HI	9702
22019FD	9823
2-2332-MT	1548

Wapsa	N° ZEN
MALBD1	0022
MALBD2	0022
MALF2	0001
MALF3	0001
MALI1	0022
MALMF2	0024
MALMF2	1359
MALMWM3	0025
MALMWM4	0025
MALP2	0024
MALP2	1359
MALT1	0025
MALTF1	0024
MALTF1	1359
MALTF2	0024
MALTF2	1359
MALW12	0001
MALW14	0001
MALW2	0001
MALW3	0001
MALW3N	0056
MPB1	0024
MPB1	1359
MPB11	0024
MPB11	1359
MPB13	0084
MPB17	0024
MPB17	1359
MPB18	0024
MPB18	1359
MPB19	0025
MPB2	0024
MPB2	1359
MPB22	0070
MPB23	0024
MPB23	1359
MPB25	0193
MPB25	0071
MPB27	0193
MPB3	0056
MPB30	0085
MPB30	1361
MPB31	0024
MPB31	1359
MPB33	0024
MPB33	1359
MPB35	0126

Wapsa	N° ZEN
MPB36	0114
MPB38	0125
MPB4	0056
MPB42	0085
MPB42	1361
MPB47	0186
MPB48	0186
MPB49	0024
MPB49	1359
MPB5	0073
MPB50	0024
MPB50	1359
MPB55	0070
MPB59	0024
MPB59	1359
MPB60	0024
MPB60	1359
MPB63	0024
MPB63	1359
MPB66	0505
MPB68	0085
MPB68	1361
MPB70	0024
MPB70	1359
MPB9	0085
MPB9	1361
MPC1	0022
MPC1N	0086
MPC69	0024
MPC69	1359
MPE1	0193
MPF6	0001
MPF7	0001
MPF8	0024
MPF8	1359
MPJ1074	0024
MPJ1074	1359
MPMF3	0024
MPMF3	1359
MPN2	0024
MPN2	1359
MPT2	0025
MPT2N	0025
MWB13	0081
MWB14	0104
MWB17	0348
MWB18	0328
MWB19	0329
MWB21	0328
MWB23	0293
MWB25	0293
MWB30	0529
MWC2	0084
MWV12	0192
MWV12F	0192

Whatcom	N° ZEN
22958	1548

Wilson	N° ZEN
91251101	9702

Woodauto	N° ZEN
STR72029	9702

Worldwide	N° ZEN
16942	9702
17754	1548
28711	9823
97143	9823

Yamaha	N° ZEN
6K8818071000	0754

ZEN	N° ZEN
12716	0773
12724	0749
12725	0749
12726	0749
12727	0749
12729	0749
12730	0749
12731	0749



Busca - Aplicação por Veículo
Búsqueda - Aplicación por Vehículo
Search - Application by Vehicle

A.E.C.	72	Carraro	75	Ford	86	Lada	97	Nissan-Datsun	106	Still	117
ABG	72	Case	75	General Motors	91	Lamborghini	97	Oldsmobile	108	Subaru	117
Acura	72	Caterpillar	75	Goldoni	93	Lancer	97	OM	109	Suzuki	117
AGCO	72	CBT	76	Guldner	93	Lancia	97	Opel	109	Talbot	117
Agrale	72	Chevrolet	76	Gurgel	93	Land Rover	98	Palmieri	109	Tata	117
Agria	72	Chrysler	77	Hamm	93	Landini	98	Pegaso	109	Tatra	117
Agrifull	72	Citroën	77	Hanomag	93	Laverda	98	Perkins	110	TCM Equipment Ag	117
Aifo	72	Claas	78	Harley-Davidson	93	Lexus	98	Peugeot	110	Teledyne	118
Alfa Romeo	72	Clark	78	Harvester	93	Leyland	98	Piaggio	111	Tiete	118
Allis Chalmers	73	Clayson	79	Hatra	93	Liebherr	98	Plymouth	111	Tigershark	118
Alto	73	CNG	79	Hatz	93	Lincoln	98	Poclairn	112	Toyota	118
AMB	73	Cummins	79	Hestair Dennis	93	Linde	99	Polaris	112	Triumph	119
APE	73	Dacia	79	Hillman	93	Lindner	99	Pontiac	112	Troller	119
Arona	73	Daewoo	79	Hino	93	Lister	99	Porsche	112	TVR	119
Artic Car	73	DAF	79	Hitachi	93	Lombardini	99	Puma	112	Ursus	119
Asea	73	Daihatsu	79	Holder	93	Lotus	99	Reliance Trucks	112	V.M.	119
Asia Motors	73	Daimler	79	Honda	93	Lucas	99	Remy	112	Vagan	119
Atlas Copco	73	David Brown	79	Hyster	94	M.G.	99	Renault	112	Valmet	119
Atlas-Weyhauser	73	Detroit	79	Hyundai	94	Mack	99	Renault Agri	114	Vauxhall	119
Audi	73	Deutz	79	IHC	94	Mafera	99	Renault V.I.	114	Volga	119
Austin	73	Dodge	80	Innocenti	94	Magirus Deutz	99	Rover	114	Volkswagen	120
Autobianchi	73	Drogmoller	81	Inter	94	Mahindra	99	Ruggerini	114	Volvo	125
Aveling Barford	74	Eagle	81	International	94	Man	99	Saab	114	Volvo Penta	125
Balkancar	74	Ebro	81	Ishikawjima	94	Marine Electric	99	Same	115	Wapsa	125
Bamford	74	Eicher	81	Isuzu	94	Massey Ferguson	99	Sanderson	115	Waukesha	125
Barber Green	74	Elmot	81	Jaguar	94	Mataador	101	Santro	115	Willys	125
Bautz	74	Escort Tractor	81	JCB	94	Maxion	101	Saturn	115	Yale	125
Bedford	74	Esttem	81	Jeep	95	Mazda	101	Saviem	115	Yamaha	125
Belarus	74	Fahr	81	Jenbacher	95	Mercedes Benz	101	Saxby	115	Yanmar	125
Benati	74	Farymann	81	John Deere (SLC)	95	Mercury	104	Scania	115	Zanella	125
Berliet	74	Faun	81	JPX	96	Mercury Marine	105	Schanzlin	115	Zastava	126
BMW	74	Fendt	81	Jungheinrich	96	Mitsubishi	105	Schluter	115	ZEN	126
Bobcat	74	Fenwick	81	Kaeble	96	Morris	105	Sea Doo	116	Zetor	126
Bomag	74	Ferrari	81	Kassbohrer	96	Mosa	105	Seat	116	Zettelmeyer	126
Bombardier	74	Fiat	81	Kawasaki	96	Müller	105	Simit	116		
Bonser	74	Fiat Allis	85	KHD	96	Muirhill	106	Skoda	116		
Buick	74	Fiat Iveco	85	Kia	96	MUL	106	Slanzi	116		
Bukh	75	Fiat Polsky	86	Komatsu	96	MWM	106	Ssangyong	117		
Cadillac	75	Fiat Romania	86	Kubota	97	New Holland	106	Steyr Puch	117		

A.E.C.	Nº ZEN
C220 diesel, 2.2, 70KW, 08/93-	1057
ABG	Nº ZEN
128, Alexander 126, Maw 172, 173, 173S, Puma 168, 177, 178	0366
Alexander, Puma, Titan	0367
Yumbo 140	0087
Acura	Nº ZEN
EL 1.7L 2001-2005	1548
Acura	9542
Nippondenso Starter	9504
Agco	Nº ZEN
Agco/M.F. - M93R 12V	1616
Agco Trator MF 2360 - c/ motor Cummins	1205
Agrale	Nº ZEN
5000D, 6150, 7000D, 7500 TD, BX100, BX130, BX4.100, BX4.110, BX4.130, BX4.150, BX4.90	1073
Caminhão 7000DX, TDX, 8000MA série 7.5T	0748
Caminhão TX 1600D, 1800D c/ MWM 229.4 (a partir de 10/88)	0496
Caminhão TX1100 M790	0163
Caminhão TX1600 até 12/84	0408
Caminhão TX1600 até 12/84 MWM-D 229-3	0028
Caminhão TX1600 c/ motor MWM	0085 1361
Caminhão TX1600D, 1800D, 1600D	0105 1364
M70, 790, 80, 85, 90, 93 4100, 416, 420	0062
Microônibus Volare	1063
Microônibus Volare (Marcopolo) c/ motor MWM 407 TCA (a partir de 10/98)	0991 1022
Mini Pá Carregadeira	0125
Motor Estacionário M70, M790, M80, M85, M90, M93 até 07/77	0062
Motor Estacionário M70, M790, M80, M85, M90, M93ID, todos a partir de 08/77	0163
Motor Estacionário M790 c/ partida Wapsa	0125
Série 1800-D, TX 1600 c/ motores MWM 229-3, 229-4 Mueller Vibro RT 62, 83 c/ motor MWM 229-4MWM D 229-3, D 229-4, D 229-6, TBD 229-EC-6, TD 229-6	1076
Trator 4100, 416, 420 a partir de 08/77	0163
Trator 4100, 416, 420 até 07/77	0062
Trator 4100, 4100.4	1636
Trator 4230 Cat. 3126 M790	1621
Trator 4230 Industrial c/ motor Cat. 3126 M790	
Trator 4230.4 com motor Cat. 3126 M790	
Trator 5075, 5075.4, 5085, 5085.4 c/ motor BX 150	1596
Trator T4200, T4300	0125
TX 1600 (MWM)	0085 1361
Volare	1550
Agrale	0163
Agria	Nº ZEN
4900	1005
3800G	1030
3800G, 4800K, 4800L	0366
3800G, 4800K, 5700	0318
Titan 211, 350, 360, 410	0301
Agrifull	Nº ZEN
60, 70, 80, 90 Turbo, 235 C, 345, 355 C	0366
70 C, 80	0648
80, 105	0367
Aifo	Nº ZEN
8035.02.300, 8041.04.200, 8045.02.300, 8041.02.310, 8041.04.250	0291

Aifo	Nº ZEN
▶ 8060.02.811, 8061.04.050, 8065.02.000	0315
8141 M8	0228
8361.05	0648
M32 S, M42 S, M52 S, M62 S, MZ42 SIOM	0087
Aifo	1059
Alfa Romeo	Nº ZEN
145 1.3, 155, 164, 33, 75, 90	0482
145 1.6, 1.7 16V, 146 1.6, 33 1.7	0745
145, 146, 147, 155, 156	1113
156 1.9 JTD	1033
156, 166 2.4 TD	1630
156 JTD	0997
164 2.5 TD (VM Engine)	0706
2000, Alfasad, Arna, 75, 90, Giulia Super, Alfetta, GT Junior, Spider, GTV, F12	0108
2600, 2600TT	0223
30, 32, 35, 40 (AR 8)	0291 0310 0407 0601
30AR8, 32AR8, 35AR8, 40AR8	0310 0407 0601
33 1.8 TD, 75 2.0 TD	0706
400, 450	0036
800, 900, 1000	0037
Alfa 145, 146 1.9 JTD 1998...	1033
Alfa 147 1.9 JTD 2000...	1033
Alfa 156 1.9 JTD 1997/2000	1033
Alfa 164 (2.0), 164 (3.0), 33 (1.3, 1.5, 1.6), 75 (2.0), 90 (2.0)	0482
Alfa 164 TD, 33 TD, 75 TD, 90 TD	0706
Alfa 6 (2.0, 2.5), 75 (1.6, 1.8, 1.8 Turbo, 2.5), 90 (1.8, 2.0, 2.5)	0108
Alfa 6 2.5 TD	0366
Alfa 6 TD, Alfetta 2.0 TD	0366
Alfa Romeo 14AR 6 Turbo	0875
Alfa Romeo 2300, 2300B até 03/77	0077
Alfa Romeo JK2000, JK2150 c/ partida Bosch	0015
Alfasud	0189
Alfasud, Alfetta 1.8, Giulia	0307
Alfasud 1.2 Super TI	0108
Alfasud 1.2, 1.5	0307
Alfetta 1.6, 1.8	0307
Alfetta 1.6, 1.8, 2.0	0108
Alfetta 2.0 Turbo diesel	0225 0366
Alfetta 2.4 TD	0706
Alfetta TD	0706
Arna 1.2, 1.3	0108
F2	0108
Giulia diesel	0447
Giulia Super 1.3, 1.6	0307
Giulietta 1.3, 1.8, 2.0	0108
Giulietta 2.0	0706
Giulietta TD	0706
GT Junior, GT Veloce 2000	0307
GTV 2000 2.0, 2.5	0108
Alfa Romeo	0189 1117 1169

Allis Chalmers	N° ZEN
ED 40	0507
ED 40 Tractor	0411
Alto	N° ZEN
VXI	1509
AMB	N° ZEN
AMB	1515
APE	N° ZEN
Piaggio	1551
Arona	N° ZEN
395, 4100, 495, 952, 953, 954, AD295, PM	0366
Artic Car	N° ZEN
Jet Ski TigerShark 640, 770, 900, 1000, 1100	1036
Asea	N° ZEN
Asea	0096
Asia Motors	N° ZEN
1135-1, 1135-15, 1135-50, 1135-55, 2135, 2135-50	0392
Besta 1.0	0786
Compressor AX430	0088 0122 0133
Compressor c/ motor Deutz	0059
Compressor c/ motor Deutz 8 cil. e partida Bosch JF	0101
PR425	0087
Towner	0854
Towner (Mando Engine)	0940
Towner c/ motor Daewoo	0854
Towner c/ motor Mando	0940
Atlas Copco	N° ZEN
Caminhões e Tratores	0378
Trator c/ motor Deutz 8 cil. partida Bosch	0101
Atlas Copco	0059 0122 0133 0226 0301
Atlas-Weyhauser	N° ZEN
1202, 1252, 1302C, 1702, 1902, 50, 51, 70, AB1602, ABL710, AR40, AT710, A30, A45, A50, A55, A60, B40, B41, P60	0366
AR 50, AR 51	0312
Audi	N° ZEN
100 (1.8, 1.9, 2.0), 200I, 200 Turbo, 80, 80L, Quattro	0108
100 1.9, 60, 72, 90, 100 1.8	0080
100 2.0 D, TD, 2.5 TD, 5000	0631
100 5 D, TD	0228
100 5D, Turbo D (2.0)	0228
100 séries GL 1972 L4 1.9 gas.	0080 0108
100 séries GL 1973 L4 1.9 gas.	0080 0108
100 séries LS 1971 L4 1.8 gas.	0080
100 séries LS 1972 L4 1.9 gas.	0080 0108
100 séries LS 1973 L4 1.9 gas.	0080 0108
100 séries LS 1974 L4 1.9 gas.	0080 0108
100 séries LS 1975 L4 1.9 gas.	0080 0108
100 séries LS 1976 L4 1.9 gas.	0080 0108

Audi	N° ZEN
▶ 100 séries LS 1977 L4 1.9 gas.	0080 0108
100, 100INJ, 200, 80, 80 (1.6), 80 (1.8), 80 (1.9), 80D, 80INJ, 80TD, 90, 90D, Quattro, Coupe (1.6)	0482
100D, 100TD	0631
1000	0015
1000 SP, F102	0223
4000 (diesel), 4000 Turbo (diesel), 80D, 80D Turbo	0420
50, 80 (1.3), 100	0068
80 1.6 D, 80 1.6 TD, 4000 TD	0420
80 1.6L D, TD, 1.9 LTD, TDI	1067
80 2.0 16 V	0745
80, 100 1.8, 1.9, 2.0, 200	0108
80, 80 Quattro, 90, 100, 200	0482
A3 1.6, 1.8 T	1108
A3 1.6, 1.8, 1.8 Turbo	1069
A3 1.6i, 1.6 T (c/ partida 0.001.121.007)	0932
A3 1.9 TDI	0932 0937
A 3, A6 1.6, 1.8, 2.0	0475
A4	0925
A4 1.6, 1.8, 1.8 T, A6 2.0, 2.4, 2.8	0925
A4 1.6i, 1.8i, (c/ partida 0.001.121.018)	0745
A4, A6, A8 2.5 TDI	1631
A6	0925
Audi 1.9L diesel (Europe) See: 120-238a, B (Later Versions) See: 120-238c (Earlier Version) See: 108-295 (Valeo Version)	1067
Coupe Custom 1984 L5 2.2 gas.	0482
Coupe Custom 1985 L5 2.2 gas.	0482
Coupe Deluxe 1984 L5 2.2 gas.	0482
Coupe GT 1986 L5 2.2 gas.	0482
Coupe GT 1987 L5 2.2 gas.	0482
Fox 100 (1.6, 1.8, 1.9), 4000 (1.6, 1.7), 50 (1.3, 1.5), 80 (1.3, 1.5, 1.6)	0068
Quattro	1631
Quattro Sport 1985 L5 2.2 gas.	0482
S 3 Quattro	1655
TT	1108
TT Coupe 1.8	1655
Audi	0111 0394
Austin	N° ZEN
1100	0170
1800, Allegro, Maxi, Metro	1188
Allegro	0170 0280 0380
Hire Car FL2	0486 0506
Maestro 2.0	0822
Maxi	0170 0280 0380
Mini	0170 0280 0380
Morris 1100	0486
Taxi FX4	0486 0506
Autobianchi	N° ZEN
A112	0120

Autobianchi	N° ZEN
▶ A112, Y10 Touring, Y10 Turbo	0408
Y10 Fire	0747
Y10 Fire, Y10 AWD	1227
Autobianchi	1056
Aveling Barford	N° ZEN
Aveling Barford	0096
Balkancar	N° ZEN
Balkancar	0067 0096
Bamford	N° ZEN
Bamford	0096
Barber Green	N° ZEN
Barber Green	0067 0096
Bautz	N° ZEN
Bautz	1076
Bedford	N° ZEN
3.5 Ton Kamyon	0486
7 Ton Kamyon	0286
CA 1.8, 2.0, CF 1.6 2.0	0412
CA 1.8, 2.3, CF 1.6 2.3, CF 1.8 2.3	1188
Caminhões 6C4, 6D4, 6RT, TD	0067
CF	0170 0573
Chevanne	0170
Ha Van	0170 0280 0380
Midi	0686 0765
Rascal	0686
SB, SP, TJ, TK, TL, VAS	0286
SB, SP, TG, TJ, TK, TK disel, VAN, VAS	0509
TJ, TK, TL séries	0486
TL 1000 330, TL 1260 330, TL 1630 330 Turbo (107 bhp), TL 860 330	1616
Belarus	N° ZEN
MTZ 50, 52	0213
Benati	N° ZEN
Wheeled Loader	0150
Berliet	N° ZEN
610 KG, 750 GL	0067
GLC 4, GLC 5, 560 GK, 610 GK	0150
GR 320, TR 320, TRH 320	0218
Bluebird	9402
BMW	N° ZEN
503,2600, 2600L, 3200CS.	0015
520	0367
528 I, 728 I c/ partida Bosch	0068
1500, 1502, 1600, 1602, 1800, 1800 TI, 1802, 2000, 2002, 2002 Turbo, 2500, 2800, 3000, 316, 318, 320, 320 I, 3300, 518, 520, 520 I, 525, 528, 528 I, 728	0223
2600, 2600L, 3200, 3200CS	0015
315, 316, 318, 320, 518, 525, 528, 628, 728	0361
316, 318, 518, 520, 525, M3	0475
316, 318, 325 (E 36), 5 séries (E 34, E 36), 728 (E 38)	0997
318 I, 324 D, 524 D, 524 D c/ partida Marelli	0969
318 TDS	1487
320, 320 I, 321 I, 323 I, 520, 525, 528	0395
320, 323 I, 520, 523 I, 528	0108

BMW	N° ZEN
▶ 324D, 324TD, 524TD, 750I	0573
316i, 318i, 320i, 325i, 518i, 520i, 523i, 525i, 528i, 728i	0475
324 TD Touring, 325 TD, 325 TDS, 325 TDS Touring, 525 TD, 525 TD Touring, 525 TDS, 525 TDS Touring, 725 TDS	1033
324, 325, 525, 725 TDS 12V - 1996...	1033
325 E, 325 I, 525 E	0482
325 I	0475
325, 525, 725 2.5 TD	1630
525, 528, 530, 630, 728, 730	0300
728 série E38	0997
90, 900, 900 Inj, 900 Turbo, 900 Turbo 16, 9000	0482
BMW série 5 e série E34, 36, todos os tipos (exceto diesel)	0997
D35 (1.4), D50 (2.1) de 11/79 a 07/87	1001
M535 I, 525, 528, 530, 630, 635, 663, 728, 730, 732, 733, 735, 745, 2500, 2800, 3000, 3300	0300
R45, R60, R65, R75, R80, R100 Motorcycles	0325
Séries 5, 7, 8, X5	1486
BMW	1113 1477
Bobcat	N° ZEN
Bobcat	0644 1194 1195
Melroe Bobcat	1196
Mini Pá Carregadeira c/ motor Agrale e partida Wapsa	0125
Trator 853 ano 94 série 128.163.90	0721
Bomag	N° ZEN
B2211/212, BW2211/212, SB2211/212	0366
BW 90	0638
BW 905 SH/SL	0417
Bombardier	N° ZEN
Bombardier, Jet Ski	0773
Sea Doo 947	0749
Bonser	N° ZEN
50 D, 60 D, 70 D, 90 D, 100 D	0507
50 D, 60 D, 70 D, 90 D, LS 45	0411
D 20, D 200 K, D 25, D 2500 K	0398
RT 2500, RT 2500 K, RT 3500 K	0096
Buick	N° ZEN
Century 4 CYL 2.2L	0783
Century 3.1I (189) V6 2001	10003
Century Custom 1994 L4 2.2 gas.	0612
Century Custom 1994 V6 3.1 gas.	0612
Century Custom 1995 V6 3.1 gas.	0612
Century Custom 1996 L4 2.2 gas.	0783
Century Custom 1996 V6 3.1 gas.	0783
Century Limited 1996 L4 2.2 gas.	0783
Century Limited 1996 V6 3.1 gas.	0783
Century Special 1994 L4 2.2 gas.	0612
Century Special 1994 V6 3.1 gas.	0612
Century Special 1995 L4 2.2 gas.	0612
Century Special 1995 V6 3.1 gas.	0612
Century Special 1996 L4 2.2 gas.	0783
Century Special 1996 V6 3.1 gas.	0783
Regal Custom 1993 V6 3.1 gas.	0612
Regal Custom 1995 V6 3.1 gas.	0612
Regal Custom 1996 V6 3.1 gas.	0783
Regal Gran Sport 1995 V6 3.1 gas.	0612
Regal Gran Sport 1996 V6 3.1 gas.	0783

Buick	Nº ZEN
► Regal Limited 1993 V6 3.1 gas.	0612
Regal V6 3.1	0783
Roadmaster Estate 1994 V8 5.7 gas.	0611
Roadmaster Estate 1995 V8 5.7 gas.	0611
Roadmaster Limited 1994 V8 5.7 gas.	0611
Roadmaster Limited 1995 V8 5.7 gas.	0611
Skylark Custom 1994 V6 3.1 gas.	0612
Skylark Custom 1995 V6 3.1 gas.	0612
Skylark Custom 1996 V6 3.1 gas.	0783
Skylark Custom 1997 V6 3.1 gas.	0783
Skylark Gran Sport 1994 V6 3.1 gas.	0612
Skylark Gran Sport 1995 V6 3.1 gas.	0612
Skylark Gran Sport 1996 V6 3.1 gas.	0783
Skylark Gran Sport 1997 V6 3.1 gas.	0783
Skylark Limited 1994 V6 3.1 gas.	0612
Skylark Limited 1995 V6 3.1 gas.	0612
Skylark Limited 1996 V6 3.1 gas.	0783
Skylark Limited 1997 V6 3.1 gas.	0783
Buick	0958
Bukh	Nº ZEN
2G105, 3G 05, 4K105, 6K105	0378
Trator c/ partida Delco Remy	0100
Cadillac	Nº ZEN
Deville D'elegance 1997 V8 4.6 gas.	0774
Eldorado ELC 1998 V8 4.6 gas.	0774
Eldorado ETC 1998 V8 4.6 gas.	0774
Eldorado Touring 1995 V8 4.6 gas.	0774
Eldorado Touring 1996 V8 4.6 gas.	0774
Eldorado Touring 1997 V8 4.6 gas.	0774
Escalade 5.3L (325) V8 2004-2005	10003
Seville SLS 1995 V8 4.6 gas.	0774
Seville SLS 1996 V8 4.6 gas.	0774
Seville SLS 1997 V8 4.6 gas.	0774
Seville SLS 1998 V8 4.6 gas.	0774
Seville STS 1995 V8 4.6 gas.	0774
Seville STS 1996 V8 4.6 gas.	0774
Seville STS 1997 V8 4.6 gas.	0774
Seville STS 1998 V8 4.6 gas.	0774
Carraro	Nº ZEN
625, 635, 650, 835, 850	0366
652, 654, 655 CL, Victory 6500, 7000	0378
652, 654, 655, 702, 704	0392
Super Tigre 625	1005
Tigron 625	0105 0308 1364
Tigron 765	0367
Victory 2500, 3500	0028
Victory 2500, 3500, 4500	0225
Carraro	1076
Case	Nº ZEN
1820 / ACCO1820 / TX36	1616
2470, 4490 (Scania)	0087
580 H	0118
580, 990, 995, 1294, 1394	0134
580, E, CK (Perkins)	0024 1359
80CP, CR, W18, 20, 20B	0105 1364
80CR, 80P	1073

Case	Nº ZEN
► Backhoe Excavator 1088, Tractor Series 5100 1987-92	0970
Colheitadeira/Combine/Cosechadora	0784
EHC	0948
Equipment Series Tractors 5100 1987-92	0970
Escavadeira Hidráulica 80CP, 80CR	0105 1364
H 25 B Payloader	0067
MX 135	0814
Pá Carregadeira c/ motor Scania	0087
Pá Carregadeira c/ partida Delco	0051 0052 0112
Pá Carregadeira W18, W20, W20B, todos c/ partida JF	0105 1364
Pá Carregadeira W20 até 09/76 c/ partida JD (MBB-OM 352)	0034
Pá Carregadeira W36 c/ motor Cummins	0088
Pá Carregadeira W36, W36B c/ motor Cummins e Scania	0133
Pá Carregadeira W36, W36B Turbo c/ motor Cummins e Scania	0122
Pá Carregadeira W36B Turbo	0089
Pá Carregadeira W7 c/ motor Perkins 6 cil. e partida Wapsa	0024 1359
Retroescavadeira 580, 580E, 580CK c/ motor Perkins 4 cil. e 580H c/ partida Wapsa	0024 1359
Retroescavadeira 580H c/ partida Bosch	0118
Retroescavadeira c/ motor Cummins	0970
Trator 580H/SH/SH 4x4 (Cummins 433.9) a partir de 04/94 c/ partida Bosch JF	0497
Trator Agrícola 2470 e 4490	0087 0122 0133
Trator c/ partida Delco Remy 42MT	0117
Trator c/ partida Lucas	0134
Trator MX 135	0814
Trator W18, W20 (MBB-OM 352), W20B (MBB-OM 352A)	0105 1364
Trator W20 (Cummins 6BT590)	0748
Trator W36	0087
W36B Turbo	0089
Windrowers 6000, 6500 W, NCE 4-390 Engine	0970
Case Grader 845 e 845.2, Pá Carregadeira W20 e Fiat Allis Grader FG 140.2. c/ partida 28MT	0722
Case	0034 0051 0052 0122 0133 0624 0625 0722 0784 0858
Caterpillar	Nº ZEN
2.5KW/12 Volt	9402
3304/3306, 120/140 B, 930, 966	0089
Bluebird USA Cat. 3126 7.2	1595
Caterpillar	0117 0121 0122 0133 0201 0624 0626 0858

Caterpillar	Nº ZEN
▶ Caterpillar Facet	0556
Caterpillar Facet 10061	0555
Colheitadeira/Combine/Cosechadora MT 875.	1205
D300 séries	0088
D330C, D333C, D334C, D336C, D344C	0097
Grupo Gerador 3304T, 3306T	0122 0133
Máquinas equipadas c/ motor D311, D320, D330, D333, D342, D343	0110
Máquinas equipadas c/ motor D330C, D333C, D334C, D336C, D344C	0097
Moto Scrapper 631E	0088 0122 0133
Motoniveladora 120B, 140B (3306)	0089 0122 0133
Motoniveladora 120H c/ partida Delco Remy 41MT	1205
Motoniveladora 12E até 01/73	0036 0121 0201
Motores Geradores 3304T, 3306T	0089
Pá Carregadeira 930 e 966	0089 0122 0133
Trator de Esteiras D4D, D4E, D5B, D6C, D6D, D6E, D8L, 631E	0122 0133
Trator de Esteiras D4E e D6D	0089
Trator de Esteiras D8L e 631E	0088
CBT	Nº ZEN
2080, 2105, 2600, 8060, 8440	0105 1364
8240, 8260 (Perkins Engine)	0118
8440	1073
Série 8240 4.248 01/1984 JF 12V	1690
Trator 1000, 1090, 1100 c/ motor Perkins 4 e 6 cil.	0024 1359
Trator 1065 (MBB-OM 314)	0105 1364
Trator 1090 c/ motor Perkins 6 cil. e partida Bosch	0060
Trator 1105 (MBB-OM 352)	0105 1364
Trator 2080 (MBB-OM 314)	0105 1364
Trator 2105 (MBB-OM 352)	0105 1364
Trator 2600, 8440, Oliver 1020, 1065, 950, todos c/ partida JF a partir de 10/76	0105 1364
Trator 8060 4x4 (MBB-OM 352)	0105 1364
Trator 8240 a álcool c/ motor Perkins 4236	0024 1359
Trator 8240, 8260 4x4 c/ motor Perkins	0118
Trator Oliver 1020, 1065 (MBB-OM 314), 1105, 950 c/ partida JD até 09/76	0034
Utilitário Javali	0627
CBT	0060 0627
Chevrolet	Nº ZEN
Avalanche 5.3L (325) V8 2004-2005	10003
Beretta GT 1992 L4 2.2 gas.	0612
Beretta GT 1993 V6 3.1 gas.	0612

Chevrolet	Nº ZEN
▶ Beretta GTZ 1993 V6 3.1 gas.	0612
Beretta Z26 1994 V6 3.1 gas.	0612
Beretta Z26 1995 V6 3.1 gas.	0612
Beretta Z26 1996 V6 3.1 gas.	0783
Blazer V6 USA desde 1988	0610
Camaro Z28 1993 V8 5.7 gas.	0611
Camaro Z28 1994 V8 5.7 gas.	0611
Caprice Classic 1994 V8 5.7 gas.	0611
Caprice Classic 1995 V8 5.7 gas.	0611
Caprice LS 1994 V8 5.7 gas.	0611
Cavalier LS 1995 L4 2.2 gas.	0612
Cavalier LS 1996 L4 2.2 gas.	0783
Cavalier LS 1997 L4 2.2 gas.	0783
Cavalier LS 1998 L4 2.2 gas.	0783
Cavalier RS 1992 L4 2.2 gas.	0612
Cavalier RS 1993 V6 3.1 gas.	0612
Cavalier RS 1994 L4 2.2 gas.	0612
Cavalier RS 1994 V6 3.1 gas.	0612
Cavalier RS 1997 L4 2.2 gas.	0783
Cavalier RS 1998 L4 2.2 gas.	0783
Cavalier VL 1992 L4 2.2 gas.	0612
Cavalier VL 1994 L4 2.2 gas.	0612
Cavalier Z24 1993 V6 3.1 gas.	0612
Cavalier Z24 1994 V6 3.1 gas.	0612
Chevette CS 1984 L4 1.8 diesel	0737
Chevette CS 1984 L4 1.8 diesel	9488
Chevette CS 1985 L4 1.8 diesel	0737
Chevette CS 1985 L4 1.8 diesel	9488
Chevette CS 1986 L4 1.8 diesel	0737
Chevette CS 1986 L4 1.8 diesel	9488
Corsica LT 1992 L4 2.2 gas.	0612
Corsica LT 1993 V6 3.1 gas.	0612
Express Vans 4.8L (291) V8 2004	10003
Express Vans 4.8L (291) V8 2005	10003
Express Vans 5.3L (325) V8 2004	10003
Express Vans 5.3L (325) V8 2005	10003
Impala 3.4L (207) V6 2001	10003
Lumina (Sedan) 3.1L (189) V6 2001	10003
Lumina LS 1995 V6 3.1 gas.	0612
Lumina LS 1996 V6 3.1 gas.	0783
Malibu 3.1L (189) V6 2001	10003
Monte Carlo 3.4L (207) V6 2001	10003
Monte Carlo LS 1995 V6 3.1 gas.	0612
Monte Carlo LS 1996 V6 3.1 gas.	0783
Omega 4.1 CD	1680
Pick-up D20 91-...	0024
Pick-up, 400, C10-63 a 78	0161
Série D - D20 Plus Maxion S4T 03/1992 a 10/1996 JF 12V	1690
Silverado Pick-up 4.8L (291) V8 2004	10003
Silverado Pick-up 4.8L (291) V8 2005	10003
Silverado Pick-up 5.3L (325) V8 2004	10003
Silverado Pick-up 5.3L (325) V8 2005	10003
SSR Sport Truck 5.3L (325) V8 2003-2004	10003
Suburban 5.3L (325) V8 2004-2005	10003
Tahoe 4.8L (291) V8 2004	10003
Tahoe 4.8L (291) V8 2005	10003
Tahoe 5.3L (325) V8 2004	10003
Tahoe 5.3L (325) V8 2005	10003
Trailblazer 5.3L (325) V8 2004-2005	10003
Venture 3.4L (207) V6 2001	10003

Chevrolet	Nº ZEN
▶ 400 c/ partida Delco Remy	0020
Chrysler	Nº ZEN
Breeze 2.0L (122) L4 1996-1997	1478
Caminhão Dodge álcool a partir de 81 c/ partida Wapsa	0070
Caminhão Dodge c/ motor Perkins 4 cil.	0102
Caminhão Dodge D100, D400, D700 a partir de 73	0049
Caminhão Dodge D100, D400, D700 até 73	0049
Caminhão Dodge D300 a partir 09/77 c/ motor Perkins e partida Bosch JF	0118
Caminhão Dodge D400 4 cil. c/ motor Perkins e partida Wapsa	0024
Caminhão Dodge D400 4 cil. c/ motor Perkins e partida Wapsa	1359
Caminhão Dodge D750, D950, D14000 c/ motor MWM 6 cil. e partida Wapsa	0085 1361
Caminhão Dodge D950 até 07/77 c/ motor MWM e partida Bosch JD	0034
Caminhão Dodge D950, P700, P900 c/ motor MWM e partida Bosch JF	0105 1364
Caminhão Dodge série S	0661
Caravan 92 a 97	0817
Concorde 93 a 97	0817
Concorde 3.3 L	9492
Cordoba Crown 1980 L6 3.7 gas.	0495
Cordoba Crown 1980 V8 5.2 gas.	0495
Cordoba LS 1980 L6 3.7 gas.	0495
Cordoba LS 1981 L6 3.7 gas.	0495
Cordoba LS 1981 V8 5.2 gas.	0495
Cordoba LS 1982 L6 3.7 gas.	0495
Cordoba LS 1982 V8 5.2 gas.	0495
Crossfire 3.2l, 3199cc 2004-2005	1485
Daytona 3.0	0750 1201
Daytona 3.0 1988 a 1994	0575
Dodge	0352 0506 0573
Dodge 1500	0397
Dodge 2.2, 2.5 lts	0532
Dodge C17, C20, C2662, C2664, T17	0392
Dodge Chrysler 62 a 75	0050
Dodge D100, D900 gasolina c/ partida Wapsa	0070
Dodge D-500	0054
Dodge Dakota 2.5 diesel	0573
Dodge Eagle Vision Intrepid 93 a 97	0817
Dodge Fifth Avenue 93	0817
Dodge Horizon	0339
Dodge Neon	1545
Dodge Polara 1800 c/ partida Bosch	0077
Dodge Polara 1800 c/ partida Wapsa	0081
Dodge RAM	1470
Dodge Ranger KC, VC, KCF, DKC, DKCF, DVC, KCF, VC, WC	0486
Dynanty 90 a 93	0817
Fifty Avenue, Lebaron	0750 1201
Grand Caravan 3.0 i LE	0641
Imperial	0817
Jeep Cherokee c/ partida Mitsubishi	0801 0825
Jeep Cherokee Sport	0573
Jeep Liberty 2.4L e 3.7L, a partir de 2001	1538
Laser XE 1986 L4 2.5 gas.	0532
Lebaron GTS 1986 L4 2.5 gas.	0532
Lebaron GTS 1987 L4 2.2 gas.	0532

Chrysler	Nº ZEN
▶ Lebaron GTS 1988 L4 2.2 gas.	0532
Lebaron GTS 1988 L4 2.5 gas.	0532
Lebaron GTS 1989 L4 2.2 gas.	0641
Lebaron GTS 1989 L4 2.5 gas.	0641
Lebaron Landau 1991 L4 2.5 gas.	0641
Lebaron Landau 1992 L4 2.5 gas.	0641
Lebaron LE 1993 L4 2.5 gas.	0641
Lebaron Medallion 1978 V8 5.9 gas.	0495
Lebaron Medallion 1979 V8 5.9 gas.	0495
Lebaron Medallion 1980 L6 3.7 gas.	0495
Lebaron Medallion 1980 V8 5.2 gas.	0495
Lebaron Medallion 1981 L6 3.7 gas.	0495
Lebaron Medallion 1981 V8 5.2 gas.	0495
Lebaron Salon 1979 V8 5.9 gas.	0495
Lebaron Salon 1980 L6 3.7 gas.	0495
Lebaron Salon 1980 V8 5.2 gas.	0495
Lebaron Salon 1981 L6 3.7 gas.	0495
Lebaron Salon 1981 V8 5.2 gas.	0495
Lebaron Sedan 1992 L4 2.5 gas.	0641
Lebaron Special 1981 L6 3.7 gas.	0495
Lebaron Special 1981 V8 5.2 gas.	0495
Lebaron Town & Country 1981 L6 3.7 gas.	0495
Neon	0852
Neon 2.0L (122) L4 1996-1997	1478
Neon 2.0L (122) L4 2000-2002	1478
Neon 2.0L (122) L4 2000-2002 Plymouth	1478
New Yorker	0817
New Yorker Brougham 1978 V8 5.9 gas.	0495
New Yorker Brougham 1978 V8 6.6 gas.	0495
New Yorker Brougham 1978 V8 7.2 gas.	0495
New Yorker Turbo 1988 L4 2.2 gas.	0532
Omni	0339
Saragata 3.0	0750 1201
Saragata 3.0 1991 a 1993	0575
Saratoga 3.0	0641
Shadow	0532
Spirit	0532
Stratus 2.0L (122) L4 1996-1997 Plymouth	1478
Town & Country 92 a 97	0817
Voyager 2.5 TD, 2.5 TD (VM Engine)	0706
Voyager 2.5, 3.0, 3.3	0641
Voyager 2.5, 3.0 V6	0532
Voyager 3.0 V6 1986 -1993	0575
Voyager 3.3 V6 1990-1993	0750 1201
Chrysler	0054 0339 0577
Citroën	Nº ZEN
2 CV, AMI 6	0458
AX	0482 0775 0976 1152
AX 10, 11, 14, BX 16	0574
AX, AX 1.4 diesel, AX Sport, BX14, BX16, MOT, XM, XU10	0775
AX, BX14, BX16, LNA 11, Visa 10, Visa 11, Visa 14 ZX 1.9i, 2.0i a partir de 07/93	0482
Berlingo 1.8i	0976

Citroën	Nº ZEN
► Berlingo 1.8 D, 1.9 D e 2.0 HDi	1023
Berlingo 1.8, 1.8 D	1037
Berlingo 1.9 D, 2.0 HDI	1576
Berlingo Furgonato 1.4i	0976
BX	0482 0961 1152
BX14, 16, 19	0775
BX14, C22, 25E	0108
BX14, C22, C25, LNA II	0108
BX16, CX 2.0 C25	1187
BX17 D, 19 D	0800
BX19 D	0646
C15 1.0, 1.1, 1.4	0976
C15 D	0646
C25 diesel, CX 2.5 D	0647
C2, C3	0458
C3	0965
C3 1.1i, 1.4i, 1.6 16V	0976
Citroën	0189 0404 0574 0647 0787 0806 1037 1043 1056
Citroen Relay 2.8HDI	1650
CX Athena, CX Reflex	0404
Evasion 1.8, 2.0, 2.0 Turbo	1037
Evasion 2.0	0745
Evasion 2.0i, 2.0i Turbo	0976
Evasion TD	0806
Jumper	0806 1643 1642
Jumper 1.9 D	0800
Jumper 2.0	0745 1037
Jumper 2.5 D, TD	1072
Jumper 2.8 D Turbo	0875
Jumper 2.8 HDI	1650
Jumpy	0806
LNA	0108
LNA II	0482
LNA, LNA II	0189
Picasso 1.8 16V, ZX 1.6, 1.8 16V, 1.9, 2.0i	1037
Saxo 1.0 X, SX, 1.1 X, SX, 1.4 VTS, 1.6 VTS, VTR	0976
Saxo 1.0, 1.4	0787
Visa	0482
Visa 17 D	0646 0800
Visa, Visa II	0108
Visa, Visa Super	0189
Xantia	0961
Xantia 1.6, 1.8 8V /16V, 2.0 8V/16V, 2.0 CT turbo, 2.0 HDI, XM 2.0 CT Turbo, 2.0j	1037
Xantia 1.6, 1.8, 2.0	0745
Xantia 1.6, 1.8i, 2.0i 16V	0787
Xantia 1.6i, 1.8i, 1.8i 16V, 2.0, 2.0 16V, 2.0 Turbo	0976
Xantia TD	0806

Citroën	Nº ZEN
► XM	0961
XM 2.0	0745
XM 2.0, 3.0	0775
XM 2.0i	0787
XM 2.1 diesel, 2.1 Turbo diesel	1030
XM 2.5 TD	1024
Xsara 1.8, 2.0 16V	0787
Xsara 1.8, 1.8 16V, 2.0 16V, 2.0 16V VTS	1037
Xsara Picasso 2.0 16V	0976
Xsara ZX D	1074
ZX	0961
ZX 1.0, 1.4, 1.6, 1.8, 1.8i, 2.0 16V, 2.0i 16V	0787
ZX 1.6	0745
ZX 1.6i, 1.8i, 1.8i 16V, 1.9i, 2.0i	0976
ZX diesel	0482
ZX TD	0806
Claas	Nº ZEN
70/ 75R, Mercator 60	0366
Compact 25	0319
Consul	0225
Consul 3.8	1073
Consul, Corsar	0367
Corsar, Cosmos	0301
Cosmos	0225
Dominator 5.7	1073
Dominator 105	0218
Dominator 80, 85	0105 1364
Europa	0225
Mercator 5.7	1073
Mercator 50, 60, 70	0105 1364
Clark	Nº ZEN
75A-II-III, 300/HY 40/50/60, C-500 Y110/135/155	0024 1359
CFY40	0086
CFY40, CFY50 (Willys 6 cyl.)	0022
CHY100, 120, 140, 60, 70, 80 (GM 6 cyl.)	0073
Clark	1195 1196
Empilhadeira	0906
Empilhadeira c/ motor Detroit D478 e partida Delco Remy	0093
Empilhadeira C-300, HY 40, 50, 60, C-500 Y110, 135, 155	0024 1359
Empilhadeira CFY 40 a partir de 78 c/ partida Wapsa	0086
Empilhadeira CFY 40, CFY 50 a partir de 78	0086
Empilhadeira CFY 40, CFY 50 c/ motor Willys 6 cil. até 77	0022
Empilhadeira CGP 25 c/ arranque adaptado	0893
Empilhadeira CGP 25, 30 c/ partida Mitsubishi	0596
Empilhadeira CHY 100, CHY 120, CHY 140, CHY 60, CHY 70, CHY 80 c/ motor GM 6 cil.	0073
Michigan 55C, 45C, 55A, 65R, 75 III	0105 1364
Mini Pá Carregadeira	0125
Motor PK 4236, Pick-up Militar	0024 1359
Pá Carregadeira	0117
Pá Carregadeira Michigan 55A, 65R, 75III c/ partida Bosch JD até 09/76	0034

Clark	Nº ZEN
► Pá Carregadeira Michigan 55C, 45C, 55A, 65R, 75III	0105 1364
Pá Carregadeira Michigan 75A, 75II, 75III c/ partida Wapsa	0024 1359
Trator Bobcat 853 ano 94, série S12816390	0721
Clark	0034 0624 0625 0649 0755 0858 0893 1195
Clayson	Nº ZEN
1520, 1530, 1540	0366
CNG	Nº ZEN
Buses	1510
Cummins	Nº ZEN
C 6ct 8.3, C 6cta 8.3	1603
C 8.3	1648
Chassi p/ Ônibus RC210, UC210	0089 0122 0133
Cummins c/ partida Bosch JF 10D	0497
Cummins c/ partida Delco Remy 28MT	0722 1194
Cummins c/ partida Delco Remy 37MT 12/14V 12D (Motores série C, GMC, MB, VW Caminhões)	0624
Cummins c/ partida Delco Remy 37MT 12/24V 10D (VW Caminhões 6 cil. Turbo)	0625 0755
Cummins c/ partida Delco Remy 37MT 12/24V 12D (Caminhões GMC, MB, VW)	0858
Cummins c/ partida Delco Remy 42MT (Empilhadeira Hyster a partir de 97)	1205
Cummins c/ partida Delco Remy 42MT 12/14V	0110
Cummins c/ partida Delco Remy 42MT 12/24V (Empilhadeira Case)	0117
Engines	0970
Motor 6C, 6CT, 6CTA de 8.3 lts	0089
Motor N855, 250 Super, 6C, 6CT, 6CTA	0122 0133
Motor série C	0622 1190
Motores N, NT, NTA, NTTA855	0088 0122
Motores N855, 250 Super	0088
Cummins	0122 0133 0624 0722 0858 1190 1194
Dacia	Nº ZEN
Aro	0244
Daewoo	Nº ZEN
Cielo	0770
Damas	1620
Empilhadeira c/ partida Delco	0906
Espero 2000 c/ motor GM e partida Delco Remy	0770
Espero CD 2000	0770
Le Mans	0752

Daewoo	Nº ZEN
► Musso	0925
Musso 2.3	1619
Racer	0770 0752
Tico	1048
DAF	Nº ZEN
1000 Turbo	0591
33, 34, 44	0223
45, 130	0970
55, 66	0451
AZ 1900 DH, F 2000, 2005, 2200, 2205 D	0101
F 1300 DT, 1800 DT, 1902 D	0302
F 1300, 1400, 1500, 1600, 1800, 1902 DT	0118
F 1300, F 1400, F 1500	0418
F 1400 DF	0419
F 2000, F 2200, F 2205	0392
F 2100, F 2103, F 2105, F 2300	0760
F 2800	1181
F 3200	1181
Road Runner 5.9	0591
DAF	0087
Daihatsu	Nº ZEN
Charmant	0140
Charmant 1.3, 1.4, 1.6	0184
Charmant 1300	0809
Copain	0184
Com partida Nippondenso	0341
Delta	0140 0184
Delta 1.5, 2.0, Rocky, Taft, Wildcat 1.6	0327
Feroza 4x4	0830
Rocky 1.6	0327
Rocky F 80	0947
Taft 1.6	0327
Wildcat 1.6	0327
Daimler	Nº ZEN
Limousine, Sovereign	0412
David Brown	Nº ZEN
580, 770, 780, 880, 885, 990	0411
580, 770, 880, 990, 1190, 1212	0507
Detroit	Nº ZEN
Caminhão GM c/ motor 4.53 e partida Delco Remy	0051 0566
Caminhão GM c/ motor 4.53 e partida Wapsa	0114
Diesel	0625
Pá Carregadeira Case c/ motor 4.53 e partida Delco Remy	0051 0566
Veículos/Estacionários	0721
Deutz	Nº ZEN
F4L 913, F5L 913, F6 913	0603
Allis	0651 1197
Allis c/ partida Delco Remy 28MT 12/24V	1195
Atlas Copco compressor c/ partida Bosch JD	0059
Caminhões e Tratores	0378
Motores 8 cil. (veículos/estacionários)	0101
Trator AX 4.100-4.190-805-1005-1205 a partir de 01/81	0105
Trator Demisa DM55-DM65 c/ partida Bosch JD	0059
Deutz	0438 0440

Dodge	Nº ZEN
600 2.2 Turbo	0292
600 SE 1986 L4 2.5 gas.	0532
600 SE 1987 L4 2.2 gas.	0532
600 SE 1987 L4 2.5 gas.	0532
600 SE 1988 L4 2.2 gas.	0532
600 SE 1988 L4 2.5 gas.	0532
1500	0609
1500 1.8	0714
Aries LE 1986 L4 2.5 gas.	0532
Aries LE 1987 L4 2.2 gas.	0532
Aries LE 1987 L4 2.5 gas.	0532
Aries LE 1988 L4 2.2 gas.	0532
Aries LE 1988 L4 2.5 gas.	0532
Aries LE 1989 L4 2.2 gas.	0641
Aries LE 1989 L4 2.5 gas.	0641
Aries SE 1986 L4 2.5 gas.	0532
Buffel	0150
C 17, C 20, C 2662, C 2664	0392
Caravan C/V 1989 L4 2.5 gas.	0641
Caravan C/V 1990 L4 2.5 gas.	0641
Caravan C/V 1991 L4 2.5 gas.	0641
Caravan C/V 1992 L4 2.5 gas.	0641
Caravan C/V 1993 L4 2.5 gas.	0641
Caravan C/V 1994 L4 2.5 gas.	0641
Caravan C/V 1995 L4 2.5 gas.	0641
Caravan LE 1986 L4 2.2 gas.	0532
Caravan LE 1987 L4 2.2 gas.	0532
Caravan LE 1987 L4 2.5 gas.	0532
Caravan LE 1988 L4 2.5 gas.	0532
Caravan LE 1989 L4 2.5 gas.	0641
Caravan LE 1990 L4 2.5 gas.	0641
Caravan LE 1991 L4 2.5 gas.	0641
Caravan SE 1986 L4 2.2 gas.	0532
Caravan SE 1987 L4 2.2 gas.	0532
Caravan SE 1987 L4 2.5 gas.	0532
Caravan SE 1988 L4 2.5 gas.	0532
Caravan SE 1989 L4 2.5 gas.	0641
Caravan SE 1990 L4 2.5 gas.	0641
Caravan SE 1991 L4 2.5 gas.	0641
Caravan SE 1992 L4 2.5 gas.	0641
Caravan SE 1993 L4 2.5 gas.	0641
Charger Shelby 1987 L4 2.2 gas.	0532
Charger Special Edition 1978 V8 5.9 gas.	0495
Charger Special Edition 1978 V8 6.6 gas.	0495
Coronado	0050
Daytona ES 1989 L4 2.5 gas.	0641
Daytona ES 1990 L4 2.5 gas.	0641
Daytona ES 1991 L4 2.5 gas.	0641
Daytona ES 1992 L4 2.5 gas.	0641
Daytona ES 1993 L4 2.5 gas.	0641
Daytona Iroc 1991 L4 2.5 gas.	0641
Daytona Iroc 1992 L4 2.5 gas.	0641
Daytona Iroc R/T 1992 L4 2.2 gas.	0641
Daytona Iroc R/T 1993 L4 2.2 gas.	0641
Daytona Pacifica 1987 L4 2.2 gas.	0532
Daytona Pacifica 1988 L4 2.2 gas.	0532
Daytona Shelby 1989 L4 2.2 gas.	0641
Daytona Shelby 1989 L4 2.5 gas.	0641
Daytona Shelby 1990 L4 2.2 gas.	0641
Daytona Shelby 1990 L4 2.5 gas.	0641

Dodge	Nº ZEN
▶ Daytona Shelby 1991 L4 2.5 gas.	0641
Daytona Shelby Z 1987 L4 2.2 gas.	0532
Daytona Shelby Z 1988 L4 2.2 gas.	0532
Diplomat Medallion 1978 V8 5.9 gas.	0495
Diplomat Medallion 1979 V8 5.9 gas.	0495
Diplomat Medallion 1980 L6 3.7 gas.	0495
Diplomat Medallion 1980 V8 5.2 gas.	0495
Diplomat Medallion 1981 L6 3.7 gas.	0495
Diplomat Medallion 1981 V8 5.2 gas.	0495
Diplomat Medallion 1982 L6 3.7 gas.	0495
Diplomat Medallion 1982 V8 5.2 gas.	0495
Diplomat Medallion 1983 L6 3.7 gas.	0495
Diplomat Medallion 1983 V8 5.2 gas.	0495
Diplomat Salon 1979 V8 5.9 gas.	0495
Diplomat Salon 1980 L6 3.7 gas.	0495
Diplomat Salon 1980 V8 5.2 gas.	0495
Diplomat Salon 1981 L6 3.7 gas.	0495
Diplomat Salon 1981 V8 5.2 gas.	0495
Diplomat Salon 1982 L6 3.7 gas.	0495
Diplomat Salon 1982 V8 5.2 gas.	0495
Diplomat Salon 1983 L6 3.7 gas.	0495
Diplomat Salon 1983 V8 5.2 gas.	0495
Diplomat Salon 1984 V8 5.2 gas.	0495
Diplomat Salon 1985 V8 5.2 gas.	0495
Diplomat Salon 1986 V8 5.2 gas.	0495
Diplomat Salon 1987 V8 5.2 gas.	0495
Diplomat SE 1984 V8 5.2 gas.	0495
Diplomat SE 1985 V8 5.2 gas.	0495
Diplomat SE 1986 V8 5.2 gas.	0495
Diplomat SE 1987 V8 5.2 gas.	0495
Diplomat Special 1981 L6 3.7 gas.	0495
Diplomat Special 1981 V8 5.2 gas.	0495
Diplomat Sport 1981 L6 3.7 gas.	0495
Diplomat Sport 1981 V8 5.2 gas.	0495
DKC, DKCB, KC, KCB, 50/100 Series	0155
DKC, DKCF, DVC, KC, KCF, VC	0486 0506
Dodge 1500	0463
DPB, PB	0409
Dynasty	0641
Dynasty LE 1988 L4 2.5 gas.	0532
Dynasty LE 1989 L4 2.5 gas.	0641
Dynasty LE 1990 L4 2.5 gas.	0641
FB Bantam, DKC, KC, KCB	0134
Gran Caravan 2.5	0641
GTX	0050
Intrepid 3.3 L	9492
Konistier	0150
Lancer 2.5	0532
Lancer ES 1986 L4 2.5 gas.	0532
Lancer ES 1987 L4 2.2 gas.	0532
Lancer ES 1987 L4 2.5 gas.	0532
Lancer ES 1988 L4 2.2 gas.	0532
Lancer ES 1988 L4 2.5 gas.	0532
Lancer ES 1989 L4 2.5 gas.	0641
Lancer Shelby 1989 L4 2.2 gas.	0641
Lancer Shelby 1989 L4 2.5 gas.	0641
Magnum XE 1978 V8 5.9 gas.	0495
Magnum XE 1978 V8 6.6 gas.	0495
Magnum XE 1979 V8 5.9 gas.	0495

Dodge	Nº ZEN
► Mammut	0150
Monaco Brougham 1978 L6 3.7 gas.	0495
Monaco Brougham 1978 V8 5.9 gas.	0495
Monaco Brougham 1978 V8 6.6 gas.	0495
Monaco Brougham 1978 V8 7.2 gas.	0495
Monaco Crestwood 1978 V8 5.9 gas.	0495
Monaco Crestwood 1978 V8 6.6 gas.	0495
Omni Charger 1987 L4 2.2 gas.	0532
Polara	0050
Pick-up Durango 4x4	0714
Shadow America 1991 L4 2.2 gas.	0641
Shadow America 1992 L4 2.2 gas.	0641
Shadow America 1992 L4 2.5 gas.	0641
Shadow ES 1991 L4 2.5 gas.	0641
Shadow ES 1992 L4 2.5 gas.	0641
Shadow ES 1993 L4 2.5 gas.	0641
Shadow ES 1994 L4 2.5 gas.	0641
Shadow S 1991 L4 2.2 gas.	0641
Shadow S 1992 L4 2.2 gas.	0641
Shadow S 1992 L4 2.5 gas.	0641
Shadow Shelby 1989 L4 2.2 gas.	0641
Spirit Es 1989 L4 2.5 gas.	0641
Spirit ES 1990 L4 2.5 gas.	0641
Spirit ES 1991 L4 2.5 gas.	0641
Spirit ES 1992 L4 2.5 gas.	0641
Spirit ES 1993 L4 2.5 gas.	0641
Spirit LE 1989 L4 2.5 gas.	0641
Spirit LE 1990 L4 2.5 gas.	0641
Spirit LE 1991 L4 2.5 gas.	0641
Spirit LE 1992 L4 2.5 gas.	0641
Spirit R/T 1991 L4 2.2 gas.	0641
Spirit R/T 1992 L4 2.2 gas.	0641
Trucks S séries	0419 0661
Dodge	0077 0339 9632
Drogmoller	Nº ZEN
280, 290, 300, 310, 320, 330, 420, 430	0218
Eagle	Nº ZEN
Premier LX 1988 L4 2.5 gas.	0482
Premier LX 1989 L4 2.5 gas.	0482
Vision 3.3 L	9492
Ebro	Nº ZEN
P 112, 9 137, P 200, E 480	0118
Siata	0453
Eicher	Nº ZEN
3022, 3108, 3257, 3357, 3558	0378
3705, 3706A, 3713, 3714A, 3719, 3720	0366
Buffel	0150
Eichus, Panther, Puma	0318
Königstiger 74	0150
Leopard, Panther, Puma	0028
Mammut	0150
Mammut, Puma, Tiger, Wotan	0392
Tiger 74	0155
Eicher	1076 1515
Elmot	Nº ZEN
Tractors	1372

Escort Tractor	Nº ZEN
Escort Tractor	1502
Esttem	Nº ZEN
MPF	1509
Fahr	Nº ZEN
1002, 1080, 1102, 1202, 2385, 2480, M 600, 750, 770, 900	0366
M 1600	0087
Fahr	0226
Farymann	Nº ZEN
15 A, 18 A/C, 29 C	0068
36, 40 Series	0781
D 40, E 40	0638
G 10, 20	0318
G 40, P 10-30, S 10-30	0366
G 10, 20	1030
Motores Marine 41A 0.7L diesel, 41E 0.7L diesel, 36A 0.6L diesel, 36E 0.6 diesel	0781
Faun	Nº ZEN
AK 320 HB	0035
K 20 W	0218
Fendt	Nº ZEN
F 250 GT	0312
Farmer 108, 200 S, 306	0367
Farmer IE, IZ, 2DE, 3S, 4S, Granit 500, 501, Perfekt 300	0028
Fendt	1076
Fenwick	Nº ZEN
Lift 105, NJ 403, TJ 403	0463
Ferrari	Nº ZEN
94	1004
733	0300
208 GT, 308 GT, 365 GT, 512 BB	0213
Fiat	Nº ZEN
147	0060 0111 0389 0743
500	0744
600	0744
697	0087
1000	0482
1100 TN (217 N)	0953
1100 D (217 D), 1300, 1500, 1500L, 1600 S, 1800, 1800 B, 2300	0533
1100 T, 1300, 1500, 2300, 1800	0713
1100 TD, 124, 124 Special, 127 (0.9, 1.05, 1.3), 128, 131 (1.3), 141, 238, 241 T, X1/9	0120
124 Special (1.4, 0.6), 125 Special, 130, 131 (1.6, 1.8), 132 (1.6, 1.8, 0.2)	0213
124 Spider	0111 0394
124 Spider 1970 L4 1.4 gas.	0111
124 Spider 1970 L4 1.4 gas.	0213
124 Spider 1971 L4 1.6 gas.	0111
124 Spider 1971 L4 1.6 gas.	0213
124 Spider 1972 L4 1.6 gas.	0111
124 Spider 1972 L4 1.6 gas.	0213
124 Spider 1973 L4 1.6 gas.	0111
124 Spider 1973 L4 1.6 gas.	0213
124 Spider 1974 L4 1.8 gas.	0111
124 Spider 1974 L4 1.8 gas.	0213
124 Spider 1975 L4 1.8 gas.	0111
124 Spider 1975 L4 1.8 gas.	0213
124 Spider 1976 L4 1.8 gas.	0111

Fiat	Nº ZEN
▶ 124 Spider 1976 L4 1.8 gas.	0213
124 Spider 1977 L4 1.8 gas.	0111
124 Spider 1977 L4 1.8 gas.	0213
124 Spider 1978 L4 1.8 gas.	0111
124 Spider 1978 L4 1.8 gas.	0213
124 Sport, 125, 130, 131, 132	0213
124, 127, 128, 131, 238, 241 T, 1100 T4	0120
125 Polonês	0533
125, 1300, 1500	0713
126 Bis	0769
127 (0.9)	0408
127 (1.05), 127 Sport (1.3)	0408
127 1.3 D	0060
127 Brasile diesel	0394
127 D, 131 2.0, 132 2.0	0394
127, Ritmo 60, Uno 45	0408
128 c/ motor 1100 e 1300	0183
128 Super Europa	0743
128, X 1/9, 131 Mirafiori	0325
13.304 F, 26304 DFS, 30.304 DFSA	0087
130 Super	0389
1300 (1965), 1500 C, 1500 L	0533
1300, 1500, 1800, 2300	0713
131 2.0, 2.5 diesel, 132 2.0, 2.5 diesel	0601
131 D, 132 D	0601
131 D, 132 D, Argenta D, Ducato	0291
131 D, 132 D, Argenta D, Ducato D	0407
131 Mirafiori	0111
131, 132, 238 1.8	0407
131, 132, Argenta, Regata 70, 85, 100	0389
131 D (2.0, 2.5), 132 D (2.0, 2.5), 40NC, 50F8, 50NC, 241TN, 465C, 466 DT, 480 DT, 500, 500 DT, 505, 505C, 505 S, 540, 540 DT	0291
132, 147	0111
133, 133L, 600	0769
147 Brio, SPR, SPT	0743
190, 260 (Unic V 85 S), 130NC, NR, NT20, 150NC, NT20, 159, 190PAC20, 260, NC20-170, 190 F20-190 (Unic V 85 S)	0087
241TN, 450, 450DT, 500, 500DT, 540, 540DT, 616N3, 616N3.4, 625N3	0310
480, 480S, 640	0594
50 NC	0310
500 D, 500 F	0768
500 D, 500 F, 500L, 500R	0768
55F8, 55NC, 565C, 566DT, 570, 570DT, 580, 580DT, 60F8, 616N3-4, 625N3P, B120-25-30 C, BIM20-25, DI12-15, DT450, R450	0291
65NC10, 70NC10, 75NC10, 130NC, 130NR, 130NT, 150NC, 150NR, 150NT, 159NC, 159NR, 159NT, 850, 880, 880DT, 1300S	0367
Abarth Rally	0213
Argenta	0111 0394
Argenta 1.6	0389
Argenta 2.0	0111
Argenta 2.5	0291 0407 0875
Argenta 2.5 diesel	0601
Argenta D	0601 0875
Barchetta	0998 1113

Fiat	Nº ZEN
▶ Brava	1113 1169
Brava 1.6 16V	0976 1561
Brava 1.8 HGT	0998
Brava 131	0389
Brava, Super Brava	0213
Brava/o	0925
Brava/o 1.4, 1.6	0779
Brava/o 1.9 TD	0997 1630
Brava 1.9 JTD 1997/1998	1033
Brava/o 1.9 TD-JTD, Marea 1.9 TD-JTD, Multipla 1.9 JTD	1033
Bravo	1113 1169
Bravo 1.6 16V	0976
Bravo 1.8, 2.0	0998
Caminhão F150, F160	0603
Caminhão 160, 130, 70 c/ partida Bosch JD	0092
Caminhão 180, 210	0078 0122 0133
Caminhão 190, 190T c/ partida Bosch KB	0122 0133
Caminhão 570, 580, 605, 640, 666, 670, 680, 765, 766, 780, 855, 880.15, 955, 980, 1180, 1280, 1380, 1580, 1880	0648
Caminhão FNM D11000	0037 0121 0201
Caminhão FNM D9500	0036 0121 0201
Campagnola	0407
Campagnola 1107 A, AD, JD	0213
Campagnola D	0291 0601 0953
Campagnolo diesel 1100TN (217N), 615N, 615N1, 616, 332, 352	0953
CHT Turbo 2.0	0394
Cinquecento 0.7, 0.9	0786
Cinquecento 0.9, 1.1	0779
Coupe	1113
Coupe, Familiar, Multicarga	0713
Coupe 1.8	0998
Croma	0394
Croma 1.6	0389
Croma 2.0	0878
Croma 2.5 Turbo	0875
Croma 2000	0394
Croma D, TD	0875 1104
Dino	0213
Dobló	0837 1666
Dobló 1.6 16V	0976
Dobló 1.9 2000...	1033
Ducato	0108 1022 1070 1642

Fiat	Nº ZEN
► Ducato 10, 14, 18, 20	0745
Ducato 2.3, 2.8 JTD	1650
Ducato 2.5 TD	1072
Ducato 2.5, 2.8 TD	1025
Ducato Autobus 2.0	0976
Ducato D	0875
Ducato TD	1117
Duna	0111 0389 0575
Duna 1.3, 1.5	0743
Duna 1.7 D	1134
Duna 1.7 D, Uno D, TD, Selecta	0630
Duna 60, 70	0060 0111
Duna SD	0740
Elba 1.3, 1.5, CS/S	0111
Europa	0389
Fiorino	0060 0111 0389 0630 0779
Fiorino 1.1, 1.3, 1.4i	0060
Fiorino 1.4, 1.6	0743
Fiorino 1.7D	1134
Fiorino diesel	0394
Fiorino TT 0.9	0408
Giardiniera	0768
M23, 24, 25, 29 Midibus	0291
Magirus Iveco 50NC	0366
Marea	1113 1169 1561
Marea 1.8 MPI 16V	0998
Marea 1.8, 2.0	0998
Marea 1.9 TD	0997
Marea 1.9, 2.4 TD	1630
Marea 1.9 1996...	1033
Marea 2.0 20V	0998
Marea 2.0 MPI 20V Turbo	0998
Marea 2.4 20V	0998 1113
Marea ELX 1.9 JTD	0482
Marea Turbo	0998
Marea Weekend 1.8 MPI 16V	0998
Marea Weekend 20 MPI 20V Turbo	0998
Marea Weekend ELX 1.9 JTD	0482
Marengo	0631
Marengo 2.0 D, Regata 1.9 D, Ritmo 1.9 TD, Tipo 1.9 TD	0631
Marengo D 2.5	0291
Motor 1.3 JTD 16V	1641
Multipla	1033 1169
Multipla 1.6 16V	0976
Novo Uno	1666
Nueva Cinquecento 704, 903	0786
Nuova Argenta	0389 0407
Nuova Argenta diesel	0601

Fiat	Nº ZEN
► Nuova Ritmo diesel	0395
Ônibus 100, 130, 70 c/ partida Bosch JD	0092
Ônibus 140, 80	0315
Otoyol 35.9	0291
Otoyol 65.9	0291
Palio	0925 0999 1666
Palio 1.0	0779
Palio 1.0 8V, 16V	0837
Palio 1.0 MPI 8V	0846
Palio 1.3	0846
Palio 1.3 MPI 16V	0837
Palio 1.5	0786
Palio 1.6 16V	0779 0855 1561
Palio 1.6 Argentino	0846
Palio 1.6, Palio Weekend	0999
Palio D	0925
Palio 1.7 D	1134
Palio EX, ELX Turbo diesel	0482
Palio Fire	0837
Palio Fire 2001	0976
Palio SX 1.7 Turbo diesel	0482
Palio Weekend 1.0	0846
Palio Weekend 1.0 8V, 16V	0837
Palio Weekend 1.3 MPI 16V	0837
Palio Weekend 1.5	0779 0846
Palio Weekend 1.6 16V	0855 1561
Palio Weekend 1.6 16V Fire 2001	0976
Palio Weekend Adventure 1.6 16V Fire 2001	0976
Palio Weekend ELX Turbo diesel	0482
Panda 1000, 750	0482
Panda 30, 34, 45, 45 4x4	0408
Panda 45	0120
Panda 45 4x4	0120
Panda 750	0482 1227
Panda D	0878
Panda diesel	0394
Panda Fire	0786
Panda Fire 750 (1.0)	0786
Panda Young	0779
Panorama	0111
Pick-up	0389
Prêmio	0111 0389
Prêmio CS, CSL, S	0111
Punto 1.7 D/TD	0925
Punto 55, 60, 75, 90	0779
Punto I, II	0779
Punto II	1113
Punto II 1.8	0998
Punto 2001...	1033
Racing	0213
Regata	0111 0394

Fiat	Nº ZEN
► Regata, X1/9 B	0120
Regata 1.1, 1.3, Regata 70	0120
Regata 1.3, 1.5, 1.6	0389
Regata 1.7 D	0857
Regata 70, 75, 85, 90 IE	0111
Regata D, Ritmo D	0395
Regata TD	0631
Regata 85SC	0743
Regata 2000	0740
Restyling 132	0389
Ritmo	0111
Ritmo 1.7 D	0857
Ritmo 60, 65, 75, 85, Super	0120
Ritmo 60 L141	0408
Ritmo 75, 85, 105 CT, 125 TC	0389
Ritmo 75, X 1/9 Five Speed	0108
Ritmo diesel	0395 0857
Ritmo Super 85 (1.5)	0108
Ritmo TD	0631
Scudo TD	1023
Selecta TD	0630
Siena	0779 0855 0999
Siena 1.0	0846
Siena 1.0 MPI 16V	0837
Siena 1.3 MPI 16V	0837
Siena 1.5	0846
Siena 1.6 16V	0999 1561
Siena 1.6 MPI 16V	0976
Siena D	0925
Siena EX, ELX Turbo diesel	0482 0976
Spazio	0111 0389 0743
Spazio D	0740
Special 1.6	0213
Sport Coupe	0213
Sport Spider	0213
Spyder 124 (2.0)	0394
Stilo	1113
Stilo 1.6 16 V	0976
Stilo 1.6 16 V Weekend	0976
Stilo 1.9 JTD	0482 0846
Stilo 2001	1033
Strada	0779 0786 0999 1666
Strada 1.0 8V	0837
Strada 1.3 16V	0837
Strada 1.5	0846
Strada 1.6 16V	1561
Strada 1.7 TDS	0925
Strada 1.7 Turbodiesel	0482
Strada 1.8	10003

Fiat	Nº ZEN
► Strada 2003	0976
Strada Custom 1980 L4 1.5 gas.	0108
Strada Custom 1981 L4 1.5 gas.	0108
Strada Custom 1982 L4 1.5 gas.	0108
Super 85, Ritmo 75	0111
Super Mirafiori Biald 1.3, 1.6, 1.8	0213
Tempra	0786
Tempra 1.8, 2.0, 4x4	0878
Tempra 16V	0111
Tempra 2.0 8V	0855
Tempra 2.0 MPI 16V	0111 0855
Tempra 2.0 SPI 8V	0111 0855
Tempra 2.0 Turbo	0111
Tempra 2.0 Turbo MPI 8V	0855
Tempra SW	0878
Tipo 1.1 Fire	1227
Tipo 1.1, 1.4, 1.6, 2.0 c/ partida Marelli	0786
Tipo 1.4 1400 DGT	0389
Tipo 1.4, 1.6	0743 1206
Tipo 1.6, 1.8, 2.0	0878
Tipo 1.6	0779
Tipo 1.6 i.e.	0111
Tipo 1.7 D	0630
Tipo 1.8 i.e.	0799
Tipo 2.0	0878
Tipo 2.0 i.e.	0799
Tipo 2.0 i.e. 16V	0799
Tipo Fire	0786
Tipo TD	0631
Trator	0594
Turbo	0439
Ulysse 1.8, 1.9 TD, 2.0, 2.0 16V, 2.0 Turbo	0976
Ulysse 2.0	0745
Uno	0060 0111 0120 0630 0769 0846 0855
Uno 0.9	0408
Uno 0.9, 1.1, 1.3	0120
Uno 1.1, 1.3. 1.4i	0060
Uno 1.4, 1.6	0743
Uno 1.4i (Argentina)	0111
Uno 1.4i, 1.6i (Argentina)	0111
Uno 1.5	0111
Uno 1.6	0111
Uno 1.7 D	1134
Uno 45	0482
Uno 45 Fire	1227
Uno 75 IE	0111
Uno 96 SX	0846
Uno CS, Mille, R, S, SX	0111
Uno D	0394 0575 0740 0878

Fiat	Nº ZEN
► Uno Fire, Fire 45	0786
Uno Mille Eletronic	0846
Uno Mille Fire	0837
Uno Mille	0111
Uno Sting	0779
Uno Turbo	0389
Vivace	0743
X1/9 (1.3), 128 (1.1, 1.3), 131 Mirafiori (1.3)	0325
Weekend	0389
Young	0408
Fiat	0784
	1056

Fiat Allis	Nº ZEN
450	0561
1300, 1300 DT, 850, 850 T	0308
1300, 1300 DT, FE 105 FG70, 85 1900B, FR10, FR12	0105
	1364
350, 350 DT, 355, 450, 455 C, 480	0608
355, 450, 480, 500, 550, 580, 670, 780, 850, 880, 1000, 1300, FL 4C, TL 5	0407
4 Apripista, 645, FE12, FE2R, FE14, FE16, FL4C, FL4D, FR20, FR7, FR9	0601
450, 450 DT, 500, 500 DT, 540	0310
480, 500, 540, 570, 580, FL 4C	0291
545 B, 645 B, 570, 580, 605, 640, 666, 680, 855, 880 S, 980, 1180, 1280, 1380, 1580, 1880, 90.90, 100.90, 115.90, 130.90, 140.90, 160.90	0648
545B, 645B	0648
65, 70, 75, 130, 150, 159, 850, S 9, SL 9, SR 9	0367
980, 1000, 1180, 1380, 1580	0315
AD4, FL4	0608
Escavadeira Hidráulica FE105	0105
	1364
FB 80	1073
FE 12, 14, 16, FL 4C, FR 7, 9	0601
Grader PG140 e PG160 - c/ motor Ford 7.5L GMA. 28 MT	0721
Motoniveladora FG70, FG85	0105
	1364
S11, S9, SL11, SL9, SR9	0367
S60, S70	0301
Trator 673, 805C, c/ motor MWM e partida QD, Marelli	0035
Trator de Esteiras AD14 c/ motor Scania	0087
	0122
	0133
Trator de Esteiras ADB até 78	0092
Trattori série 46/66	0601
Fiat Allis	1059
Fiat Allis c/ motores Cummins 6BT5.9 com embreagem banhada a óleo	0722
Fiat Allis FD 170, cremalheira a banho de óleo	0722

Fiat Iveco	Nº ZEN
115.14, 120.14, 140.14, 145.17, 150.14, 159.17, 50 F10, 55 F10, 60 F10, 65 F10, 50.9, 50.10, 55.9, 55.10, 65.10 Z Range, 70.10, 75.10, 79.14 Z Range, 80 F13, 90 F13, 100 F13	0648
129.14, 130.14	0301
	0398
130	0035
130.20, 150.20, 159.20, 170.20	0087
241 TN, 616 N3/4, 625 N3, DAILY 28.8, 30.8, 32.8, 35.8, 40.8	0310
314/3, 315, 616 N3/4	0315
40, 40/35, 50, 55, 80, 90, 100, 616, 625, 645, 650, 655, 662	0608
40.10, Daily 28.8, 30.8, 32.8, 35.8	0291

Fiat Iveco	Nº ZEN
► 615 N, 615 N1, 616, 332, 352	0953
65.10, 70.10, 75.10	0367
C/ partida Delco Remy	0630
Caminhão 100, 100.13, 110, 150.17, 150.20, 159.17, 159.20, 314.3, 315.8, 315.23, 50.10, 50.8, 50.9, 55.8, 55.9, 60.10, 60.8, 65.10, 70.10, 70.12, 75.10, 79.10, 79.13, 80, 80.13, 90, 90.13	0601
Caminhão 130.20, 150.20, 159.20, 170.20, 190.20	0087
Caminhão 60.9, 80, 13.80, 16, 90.13, 110.13, 110.16, 120.13, 130.13, 130.16	0367
Caminhão, todos c/ partida Bosch KB	0122
	0133
Caminhões 120E, 150, 150T, 160T, 160E c/ partida Bosch JF (9.000.453.088)	0315
Caminhões 605C, 640, 680, 780, 805, 1000	0315
Cargo (6 cil.) Turbo	0594
Daily 2.8 TD	1025
Daily 2.8 TD 12 V	0875
Daily 28.8, 30.8, 32.8, 35.8	0407
	0601
Daily 28.8, 30.8, 32.8, 35.8, 40.8	0407
	0601
Daily 28.8, 30.8, 35.8, 40.8, N100, N110, N40, N40.35, N50, N55, N60, N65	0301
Daily II	1158
Daily III 2.4, 2.8	1650
Daily c/ partida Bosch	0310
Daily Turbo diesel 35.10, 49.10, 09.09, c/ partida Bosch (0.001.218.174)	0875
Ducato	0407
Ducato 10, 13 (2.5 D)	0291
Ducato 14, 14 4x4, 18, 18 Maxi	0875
Ducato 2.0, 2.5 diesel	0601
Ducato 2.8 modelos: 719, 720, 721, 722, 723, 724, 725, 726, 729	1025
Ducato Argentino ano 97	0838
Furgão Daily	0291
Eurocargo	1157
Eurocargo 60, 65, 75 (1991-)	0291
Fiat Ducato	1159
Iveco	0594
Iveco BF4L1011 (2.71L, 2732cc) 1996	1483
Iveco BF4L1011 (2.71L, 2732cc) 1997	1483
Iveco BF4L1011 (2.71L, 2732cc) 1998	1483
Iveco BF4L1011 (2.71L, 2732cc) 1999	1483
Iveco BF4L1011 (2.71L, 2732cc) 2000	1483
Iveco BF4L1011 (2.71L, 2732cc) 2001	1483
Iveco BF4L1011 (2.7L, 2732cc) 1995	1483
Iveco BF4L1011 (2.7L, 2732cc) 2000	1483
Iveco BF4L1011 (2.7L, 2732cc) 2001	1483
Iveco Engines BF4L1011 (2.71L, 2732cc) 1995	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 1996	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 1997	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 1998	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 1999	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 2000	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 2001	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 2002	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 2003	1043
Iveco Engines BF4L1011 (2.71L, 2732cc) 2004	1043
Iveco Engines F2L1011 (1.4L, 1366cc) 1996	1043
Iveco Engines F2L1011 (1.4L, 1366cc) 1997	1043

Fiat Iveco	Nº ZEN
▶ Iveco Engines F2L1011 (1.4L, 1366cc) 1998	1043
Iveco Engines F2L1011 (1.4L, 1366cc) 1999	1043
Iveco Engines F2L1011 (1.4L, 1366cc) 2000	1043
Iveco Engines F2L1011 (1.4L, 1366cc) 2001	1043
Iveco Engines F2L1011 (1.4L, 1366cc) 2002	1043
Iveco Engines F2L1011 (1.4L, 1366cc) 2003	1043
Iveco Engines F2L1011 (1.4L, 1366cc) 2004	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 1996	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 1997	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 1998	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 1999	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 2000	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 2001	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 2002	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 2003	1043
Iveco Engines F3L1011 (2.0L, 2049cc) 2004	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 1996	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 1997	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 1998	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 1999	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 2000	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 2001	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 2002	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 2003	1043
Iveco Engines F4L1011 (2.7L, 2732cc) 2004	1043
Iveco F2L1011 (1.4L, 1366cc) 1996	1483
Iveco F2L1011 (1.4L, 1366cc) 1997	1483
Iveco F2L1011 (1.4L, 1366cc) 1998	1483
Iveco F2L1011 (1.4L, 1366cc) 1999	1483
Iveco F2L1011 (1.4L, 1366cc) 2000	1483
Iveco F2L1011 (1.4L, 1366cc) 2001	1483
Iveco F2L1011 (1.4L, 1366cc) 2002	1483
Iveco F3L1011 (2.0L, 2049cc) 1996	1483
Iveco F3L1011 (2.0L, 2049cc) 1997	1483
Iveco F3L1011 (2.0L, 2049cc) 1998	1483
Iveco F3L1011 (2.0L, 2049cc) 1999	1483
Iveco F3L1011 (2.0L, 2049cc) 2000	1483
Iveco F3L1011 (2.0L, 2049cc) 2001	1483
Iveco F3L1011 (2.0L, 2049cc) 2002	1483
Iveco F4L1011 (2.7L, 2732cc) 1996	1483
Iveco F4L1011 (2.7L, 2732cc) 1997	1483
Iveco F4L1011 (2.7L, 2732cc) 1998	1483
Iveco F4L1011 (2.7L, 2732cc) 1999	1483
Microônibus City Plus 2009	1650
Otoyol Kamyonet	0875
Otoyol Minibus	0875
Fiat Iveco	1059
Fiat Polsky	Nº ZEN
125 P	0533
126	0769
Fiat Romania	Nº ZEN
445 DT, SM, SV, V, 550, 550 DT	0488
450	0561
Ford	Nº ZEN
12 M	0220
12 M, 15 M, 17 M	0223
12 M, 15 M, 17 M, 20 M, Capri, Consul, Granada, FT 100	0307
12 M, 15 M, 17 M, 20 M, 26 M	0080
12 M, 15 M, 17 M, Transit 1000	0015
1218, 1415, 1418, 1618, 2218, (Ford 6.6 Engine)	0505

Ford	Nº ZEN
▶ 14000	0085
2000, 2600, 3000, 3600	0155
2000, 3000, 4000, 5000, 7000	0322
3600 Traktor	0677
4000, 4600, 5000, 5600, 7000	0096
A, D séries	0398
A0406, A0506, FT100, FT120, FT130, FT160, FT190	0313
Belina c/ motor CHT	0293
Belina I	0044
Belina II 1.6 c/ motor CHT	0108
Bronco 4.9 lts. (ano 92), 5.0 lts. (ano 92 a 96), 5.8 lts. (ano 92 a 96)	1192 1224
Bronco 4.9L 92	1192 1224
Bronco 5.0L 92-96	1192 1224
Bronco 5.8L 92-96	1192 1224
Caminhão 1519, 1521, 1621, 2319, 2321, 3021, 3323 c/ motor Ford 7.8 lts. e partida JE	1190
Caminhão 54 até 60	0041
Caminhão Cargo 1317, 1320, 1517, 1520, 1617, 1620, 2220, 2420, 2817, 3020, 3220	0087
Caminhão Cargo c/ motor 7.8 lts.	0625 0755
Caminhão Cargo CF 7000	1190
Caminhão F100, F350, F600 à gasolina de 06/75 a 12/75	0056
Caminhão F100, F350, F600	0001
Caminhão F100, F75, c/ motor 4 cil.	0104
Caminhão F1000, F11000, F2000, F400, F4000, F7000 c/ motor MWM 4 e 6 cil.	1361
Caminhão F600 c/ partida Autolite à gasolina	0032
Caminhão F700 diesel c/ partida Delco 28MT	0629
Campana C/R	0032
Capri	0080 0412 0482
Capri 1.3, 1.5, 2.0	0307
Capri 1.3, 1.6	0220 0280
Capri 1.3, 1.6, 2.0, 2000GT	0362
Capri 1.6, 2.0	0520
Capri 2.3	0482
Capri 2.8	0068
Capri II	0220 0222 0362
Capri II 2.0	0068
Capri II 2.3, 2.8	0108
Cargo (7.3 L Engine)	0887
Cargo 1113, 1313	0085
Cargo 1114, 1117, 1218, 1314, 1317, 1418, 1514, 1517, 1615, 1618, 1619, 2215, 2218, 2218 T, 2319	0505
Cargo 1317, 1517, 1617, 2202	0087
Cargo 1618	0748 1372
Cargo 1622, 2422, 2425, 2630 Cummins 6CTAA 8.3	1648
Cargo 2425 Mixer Cummins 6CTAA 8.3	1648
Cargo C 1215, C 1216, C 1217, C 1415, C 1416, C 1417, C 1421, C 1617, C 1621, C 814, C 815	0105 1364

Ford	Nº ZEN
► Cargo C 1215 e 1415 6BTAA 04/1992 a 11/2000 JF 12V	1691
Cargo C 1216, 1416 e 1617 05/1993 JF 12V	1691
Cargo C 1421 e 1621 6BTAA 12/1999 a 11/2000 JF 12V	1691
Cargo c/ motor Cummins	0497
Cargo c/ motor Cummins ISB e 6 cil.	1623
Cargo D 707, 810, 910, 1010, 1111, 1211, 1314	0661
Cargo N 1114, 1414, NA1814, 2214	0661
Cargo N 708, 710, 808, 810, 812, 814, 910, 914, D 0707, 0810, 0910, 1010, 1111	0661
Cargo séries	0419
Cargo séries, D, K séries	0480
Consul	0080 0412
Consul 1.7	0307
Consul 2.0	0362
Consul 2.3	0108
Contour	1208
Corcel	0108
Corcel I	0044
Corcel II 1.6	0108
Corcel II todos c/ motor CHT	0293
Cougar 2.0	1208
Courier	0342 0545 0820 0890 0908 1533
Courier 2010/...	1686
Courier 1.0L, 1.6L Zetec Rocam	0965
Courier 1.3	0823
Courier 1.4i 16V	0938
Courier 1.6 16V	0938
Courier 1.6 16V, c/ motor Zetec (nacional)	0938
Courier 1.6 2001	1208
Courier 1.8 D	0962
Courier 1.8 diesel	0962
Crown Victoria LX 1992 V8 4.6 gas.	1199
Crown Victoria LX 1992 V8 4.6 gas.	1226
Crown Victoria LX 1993 V8 4.6 gas.	1199
Crown Victoria LX 1993 V8 4.6 gas.	1226
Crown Victoria LX 1994 V8 4.6 gas.	1199
Crown Victoria LX 1994 V8 4.6 gas.	1226
Crown Victoria LX 1995 V8 4.6 gas.	1199
Crown Victoria LX 1995 V8 4.6 gas.	1226
Crown Victoria Police Interceptor 1993 V8 4.6 gas.	1199
Crown Victoria Police Interceptor 1993 V8 4.6 gas.	1226
Crown Victoria Police Interceptor 1994 V8 4.6 gas.	1199
Crown Victoria Police Interceptor 1994 V8 4.6 gas.	1226
Crown Victoria Police Interceptor 1995 V8 4.6 gas.	1199
Crown Victoria Police Interceptor 1995 V8 4.6 gas.	1226
Crown Victoria S 1992 V8 4.6 gas.	1199
Crown Victoria S 1992 V8 4.6 gas.	1226
Crown Victoria S 1993 V8 4.6 gas.	1199
Crown Victoria S 1993 V8 4.6 gas.	1226
Crown Victoria S 1994 V8 4.6 gas.	1199
Crown Victoria S 1994 V8 4.6 gas.	1226
Crown Victoria S 1995 V8 4.6 gas.	1199
Crown Victoria S 1995 V8 4.6 gas.	1226
Crown Victoria Touring Sedan 1992 V8 4.6 gas.	1199
Crown Victoria Touring Sedan 1992 V8 4.6 gas.	1226

Ford	Nº ZEN
► D1210	0118
D1211 Kamyon	0418
D750 Kamyon	0096
D0707, D0810, D0910, D1010, D1111, D1211, D1314, N0708, N0710, N0808, N0810, N0812, N0814, N0910	0661
Del Rey	0108
Del Rey 1.6	0108
Del Rey Scala todos c/ motor CHT	0293
Dexta	0041
EcoSport	1533
EcoSport 1.0L Supercharger	0965
EcoSport 1.0L, 1.6L Zetec Rocam	0965
E-F Vans	0669
Escape 2.3i (140) L4 2005-2006	1585
Escape ano 2001 à 2004 - motores 4 cilindros	1208 1228
Escape ano 2001 à 2009 - motores 6 cilindros	1192
Escort	0220 0362 0455 1193
Escort (86-90)	0222
Escort 1.1, 1.3	0220
Escort 1.1, 1.3, 1.4, 1.6, 1.6 D, XR3 e c/ motor Zetec 1.8	0520
Escort 1.3, 1.4, 1.6, 1.8	0823
Escort 1.3, 1.6 c/ partida Wapsa todos c/ motor CHT	0293
Escort 1.3, 1.6 CHT, Escort Hobby 1.6	0108
Escort 1.3, Escort 1.8	0975
Escort 1.6 D	0633
Escort 1.6 diesel	0962
Escort 1.6, 1.8	1208
Escort 1.6, 2.0	0729
Escort 1.6L Zetec Rocam	0965
Escort 1.8 EFI até 08/95	0975
Escort 1.8 TD	0962
Escort 1.8, 2.0 (Zetec)	0990
Escort 1.8L DSL 1989-96 SEE: 120-330	1171
Escort c/ motor Audi	0753 0798
Escort c/ motor Audi 827 c/ MQ	0762
Escort c/ partida Visteon	1208
Escort diesel	0820
Escort Ghia c/ partida Bosch	0323
Escort GL	0467
Escort GL 1985 L4 1.9 gas.	0455
Escort GL 1987 L4 1.9 gas.	0455
Escort GL 1988 L4 1.9 gas.	0455
Escort GT 1986 L4 1.9 gas.	0455
Escort GT 1987 L4 1.9 gas.	0455
Escort GT 1988 L4 1.9 gas.	0455
Escort GT 1989 L4 1.9 gas.	0455
Escort GT 1990 L4 1.9 gas.	0455
Escort Guarujá c/ partida Indiel (Argentino)	0467
Escort Hobby	0729
Escort III 1.6 D, 1.8 D	0820
Escort L 1985 L4 1.9 gas.	0455
Escort L 1986 L4 1.9 gas.	0455
Escort L c/ motor Zetec	0990
Escort LX 1986 L4 1.9 gas.	0455
Escort LX 1988 L4 1.9 gas.	0455

Ford	Nº ZEN
▶ Escort LX 1989 L4 1.9 gas.	0455
Escort LX 1990 L4 1.9 gas.	0455
Escort Pony 1987 L4 1.9 gas.	0455
Escort Pony 1988 L4 1.9 gas.	0455
Escort Pony 1989 L4 1.9 gas.	0455
Escort Ponyg 1990 L4 1.9 gas.	0455
Escort RS 2000	0362
Escort RS 2000, Escort 1.3, 1.6	0222
Escort TD	1228
Escort Van	0280 0380
Escort XR3	0639 0729
Escort, Fiesta, Orion (1.6 D Engine), Escort 1.6 D, Fiesta 1.6 D	0633
Euroline 2.0i	0520
Expedition (4.6, 5.4 V8)	0959
Expedition (4.6, 5.4 V8), Pick-up F Series 4.2 (V6), 4.6, 5.4 (V8), 6.8 (V10)	0959
Expedition 4.6, 5.4 V8 todos 1999	0959
Focus 14 automático/manual	1617
Focus e EcoSport 2.0i - 16V	1482
Ford Flex 3.5L (2009)	1677
Ford Edge 3.5L (2009-07)	1677
F séries	1676
F séries Pick-up 5.0 lts (92 a 98) e 5.8 lts. (92 a 96)	1192
F séries Pick-up 5.0 lts (92 a 98) e 5.8 lts. (92 a 96)	1224
F séries Pick-up 5.0L 92-98	1192
F séries Pick-up 5.0L 92-98	1224
F séries Pick-up 5.8L 92-96	1224
F100	0025
F100 desde 1977, Falcon, Fairlane 77	0160
F100, F150, F250, F350, F400, F600	0162
F1000	0025
F1000 (ano 97) c/ motor Maxion HSD c/ partida Lucas	0916
F1000 4.9L 6 cil. à gasolina	1192 1224
F1000 6 cil. álcool c/ motor CID e partida Wapsa até 03/85	0529
F1000 c/ motor 4.9L à gasolina	0794
F1000 motor Maxion HS 4 cil. 2.5	1635
F1000 c/ motor Maxion HSD	0657
F1000 D (Maxion TN1)	0861
F1000 diesel c/ motor Maxion TN1 HSD (1997)	0861
F1000 gasolina 6 cil. (1995)	0162
F1000 Maxion HSD	0657
F1000 motor MWM	0085
F1000, 11000, 2000, 400, 4000, 7000 (MWM)	0085 1361
F1000, F4000 c/ motor MWM e partida Bosch JF após 98	1372
F1000, F75, todos c/ motor Georgia	0082
F1000, RANGER (Maxion HSD)	0916
F1000, Ranger D	1217
F1000, todos diesel	1217
F11000 c/ motor MWM	0085
F11000 c/ motor Perkins 6 cil.	0024 1359
F12000	0629 1194
F12000 c/ motor Cummins B Aftercooler 5.9	1623
F12000 c/ motor MWM	0085 0748

Ford	Nº ZEN
▶ F12000 c/ motor Perkins 6 cil.	0024 1359
F13000 c/ motor MWM	0085
F13000 c/ motor Perkins 6 cil.	0024 1359
F14000 (1999) c/ partida Delco 28MT	0629 1194
F14000 c/ motor MWM	0085 0748
F14000 c/ motor Cummins B Aftercooler 5.9	1623
F150	0025 1224
F16000 c/ motor Cummins B Aftercooler 5.9	1623
F19000 c/ motor MWM	0085
F2000 c/ motor diesel Ford 4 cil.	0024 1359
F2000 c/ motor MWM	0085
F21000 c/ motor MWM	0085
F22000 c/ motor MWM	0085
F250 c/ motor Cummins	1027 1675
F250 c/ motor Cummins ISBe4	1090
F250 c/ motor MWM	0991 1022
F250 V6 à gasolina	1192
F350	1022
F350 c/ motor Cummins	1026 1675
F350 c/ motor Cummins B Aftercooler 3.9 c/ conec. estanco	1090
F350 Heavy Duty 98 em diante	1082
F400 c/ motor MWM	0085
F4000	0105 1027 1364
F4000 1998	0497
F4000 4BT 05/1996 a 10/1998 JF 12V	1691
F4000 c/ motor Cummins	1027 1675
F4000 c/ motor Cummins B Aftercooler 3.9 c/ conec. estanco	1090
F4000 c/ motor diesel Ford 4 cil.	0024 1359
F4000 c/ motor MWM	0085 0748
F450 Heavy Duty 98 em diante	1082
F700	1194
F700 D, F14000 (1999)	0629
F7000 c/ motor MWM	0085
F800	0625 0755
F9000	0624
Falcon	0205
Falcon	0162
Falcon 63 a 77	0161
Fairlane	0162
Feka E.M	0223
Festiva	0636
Fiesta	0222 0890 1208 1533 1686

Ford	Nº ZEN
► Fiesta 0.9, 1.0 (1996)	0975
Fiesta 1.0	0975
Fiesta 1.0, 1.1	0280
Fiesta 1.0, 1.1, 1.3, 1.4, 1.6 D, XR2	0520
Fiesta 1.0, 1.3	0397
Fiesta 1.0, 1.4, 1.8	0823
Fiesta 1.0L, 1.6L, Zetec Rocam 99	0965
Fiesta 1.1, 1.3, 1.6, XR2	0222
Fiesta 1.2, 1.4 16V	0938
Fiesta 1.2, 1.4, 1.6 16V	1597
Fiesta 1.4 c/ motor Zetec nacional 16V	0938
Fiesta 1.6 D	0633
Fiesta 1.6 D, 1.8 D	0820
Fiesta 1.6 diesel	0962
Fiesta 1.8 D	0962
Fiesta 1.8L DSL 1989-96 See: 120-330	1171
Fiesta Van	0280
Focus I4 Automático/Manual	1617
Focus	1533
Focus 1.4, 1.6 16V	1597
Focus 1.8, 2.0	1208
Focus 2.3L (140) L4 2003-2006	1585
Ford Cargo 1217, 1417, 1421 Cummins	1523
Ford Transit	0907
Ford Transit 2.4, Mondeo	1539
Ford Truck c/ motor Cummins partida Delco 28MT	1194
FT 100, 120, 130, 160, 190	0313 1188
FT 100, FT 125, FT 130, FT 150, FT 175, FT 190, FT 60, FT 75, FT 900	0108
FT 80, 100, 120, 130, 160, 190, Transit 2.5 D/TD	0528
FT 100, 100 (1.5), FT 125, FT 130, FT 150, FT 175, FT 190 (1.7), FT 75	0293
FT 100, FT 120, FT 130, FT 160, FT 190, FT 80	0528
Galaxie	0068 0126
Galaxie até 05/70	0001
Galaxie todos a partir de 06/70	0056
Galaxy 2.0	0639 0799 0937
Galaxy 2.8	0972
Granada	0080 0108 0220 0222 0412 0482 0961 0997
Granada 1.7, 2.0 V6	0307
Granada 1.7, 2.0, 2.3, 2.6, 2.8	0108
Granada 1.9 D, 2.1 D	0365
Granada 1.9, 2.0 diesel	0365
Granada 2.0	0362 0520 0823
Granada 2.0, 2.3, 2.4, 2.8, 2.9	0482
Granada 2.5 D	0406 0460 0632
Granada 2.8	0068
Guarujá c/ partida Bosch	0323

Ford	Nº ZEN
► Heavy Duty F250, F350 séries	1081
Inter 1800, 1830	0118
Jeep JPX	0935
Ka	0890 1156 1208 1533 1686
Ka 1.0L, 1.6L Zetec Rocam	0965
Ka 1.3	1156
Ka II 1.3	1156
Ka III 1.3, Ka III 1.3L 1996	1156
Landau	0126
Landau até 05/70	0001
Landau, LTD de 06/70 a 12/75	0056
Laser	0475 0144
Lincoln MKS 3.7L (2009)	1677
Lincoln MKX 3.5L (2009-07)	1677
Lincoln Navigator (5.4 V8), todos ano 1999	0959
LN9000	0624
LT Trucks E-Series Vans 7.3 L, diesel	1081
LT Trucks Excursion 7.2 L, diesel	1081
LTD	0126
Major	0041
Maverick	0082
Maverick 2.7 D, 93 a 98	1070
Maverick 4 cil.	0115
Maverick 4 cil. todos c/ motor Georgia	0082
Maverick c/ motor 302 CID 8 cil. a partir de 76	0126
Maverick c/ motor 6 cil.	0015
Mercury Mystique 2.0 L 4 cil. 95-96	1208
Mercury Sable 3.5L (2009-08)	1677
Meteor	0475
Mondeo	0821
Mondeo 1.6, 1.8, 2.0, 1.8 D	1208
Mondeo 1.6, 1.8, 2.0, 4x4	1228
Mondeo 1.8 TD	0962
Mondeo 1.8, 2.0 (Zetec)	0990
Mondeo 1.8i, 2.0i Turnier	0520
Mondeo 95 CLX 16 V	0823
Mondeo CLX 97	1208
Mustang	1199
Mustang Cobra 1996 V8 4.6 gas.	1199
Mustang Cobra 1996 V8 4.6 gas.	1226
Mustang Cobra 1997 V8 4.6 gas.	1199
Mustang Cobra 1997 V8 4.6 gas.	1226
Mustang GT 1996 V8 4.6 gas.	1199
Mustang GT 1996 V8 4.6 gas.	1226
Mustang GT 1997 V8 4.6 gas.	1199
Mustang GT 1997 V8 4.6 gas.	1226
N0914, N1114, N1414, NA1814, NA2214	0661
Novo Fiesta 1.0L Supercharger	0965
Novo Fiesta 1.0L, 1.6L Zetec Rocam	0965
Orion	0222
Orion (1.6 D Engine)	0633
Orion 1.3, 1.4, 1.6	0823
Orion 1.6	0520
Orion 1.6 D	0520
	0633

Ford	Nº ZEN
► Orion 1.6 D, 1.8 D	0820
Orion 1.6 diesel	0962
Orion 1.8 TD	0962
Orion 1.8l DSL 1989-96 See: 120-330	1171
Pampa 1.6	0068 0108
Pampa todos c/ motor CHT	0293
Pick-up	0082
Pick-up Lobo V6	1614
Pick-up F100, F1000, F150, F4000 c/ motor MWM	0772
Pick-up F100, F150, F250, F1000, F3500, F4000, F7000, F14000, com motor MWM série X - 10 e 229	1596
Pick-up série F 4.2 (V6), 4.6 e 5.4 (V8), 6.8 (V10), todos 1999	0959
Pick-up todos a partir de 06/70	0056
Pick-up (USA) 4.9, 5.8	1134
PMGR Noseless Starters	9781
Probe	0596
Rancho	0162
Ranger	0916 1192 1224
Ranger 1.8	1612
Ranger 2.3L (140) L4 2001-2006	1585
Ranger 2.5 TD	1024
Ranger 6 cil. a álcool c/ motor CID a partir de 03/85	0529
Ranger Duratec HE 2.3	1617
Ranger Motor Maxion HS 4 cil. 2.5	1635
Ranger, todos diesel	1217
Retroescavadeira	0064
Royale c/ transmissão automática e EFI	0108
Scala 1.6 CHT	0108
Scorpio	0482 0803 0961
Scorpio 1.8, 2.0	0520 0997
Scorpio 1.8, 2.0, 2.0 I	0520
Scorpio 2.4, 2.8, 2.8 INJ, 2.9, 2.9 4x4	0482
Scorpio 2.5 D	0632
Sierra	0222 0820 0961
Sierra 1.3, 1.6, 1.8, 2.0, 2.0 I, 2.3	0520
Sierra 1.6	0742
Sierra 1.6, 1.8, 2.0	0823
Sierra 1.6, 2.0, 2.3	0108
Sierra 2.0, 2.3, 2.3 INJ, 2.8, 2.8 4x4, 2.9	0482
Sierra 2.3	0238
Sierra 2.3 D	0406 0460 0632
Sierra 2.8	0803
Sierra L e Ghia 1.6 c/ partida Indiel	0469
Taurus	0080 0223
Taurus (75-82)	0222
Taurus 1.3, 1.6	0220
Taurus 1.3, 1.6, 2.0	0222
Taurus 1.6	0220
Taurus 2.0 V6	0307

Ford	Nº ZEN
► Taurus 2.0, 2.3	0080 0108
Taurus GL 1990 V6 3.8 gas.	1192
Taurus GL 1990 V6 3.8 gas.	1224
Taurus GL 1991 V6 3.8 gas.	1192
Taurus GL 1991 V6 3.8 gas.	1224
Taurus GL 1992 V6 3.8 gas.	1192
Taurus GL 1992 V6 3.8 gas.	1224
Taurus GL 1993 V6 3.8 gas.	1192
Taurus GL 1993 V6 3.8 gas.	1224
Taurus GL 1994 V6 3.8 gas.	1192
Taurus GL 1994 V6 3.8 gas.	1224
Taurus GL 1995 V6 3.8 gas.	1192
Taurus GL 1995 V6 3.8 gas.	1224
Taurus L 1990 V6 3.8 gas.	1192
Taurus L 1990 V6 3.8 gas.	1224
Taurus L 1991 V6 3.8 gas.	1192
Taurus L 1991 V6 3.8 gas.	1224
Taurus L 1992 V6 3.8 gas.	1192
Taurus L 1992 V6 3.8 gas.	1224
Taurus LX 1990 V6 3.8 gas.	1192
Taurus LX 1990 V6 3.8 gas.	1224
Taurus LX 1991 V6 3.8 gas.	1192
Taurus LX 1991 V6 3.8 gas.	1224
Taurus LX 1992 V6 3.8 gas.	1192
Taurus LX 1992 V6 3.8 gas.	1224
Taurus LX 1993 V6 3.8 gas.	1192
Taurus LX 1993 V6 3.8 gas.	1224
Taurus LX 1994 V6 3.8 gas.	1192
Taurus LX 1994 V6 3.8 gas.	1224
Taurus LX 1995 V6 3.8 gas.	1192
Taurus LX 1995 V6 3.8 gas.	1224
Taurus SE 1995 V6 3.8 gas.	1192
Taurus SE 1995 V6 3.8 gas.	1224
Taurus 3.5L (2009-08)	1677
Taurus X 3.5L (2009-08)	1677
Tempo GL 1991 L4 2.3 gas.	1192
Tempo GL 1991 L4 2.3 gas.	1224
Tempo GLS 1991 L4 2.3 gas.	1192
Tempo GLS 1991 L4 2.3 gas.	1224
Tempo L 1991 L4 2.3 gas.	1192
Tempo L 1991 L4 2.3 gas.	1224
Tempo LX 1991 L4 2.3 gas.	1192
Tempo LX 1991 L4 2.3 gas.	1224
Thunderbird 3.9L (241) V8 2002-2004	9823
Thunderbird LX 1989 V6 3.8 gas.	1192
Thunderbird LX 1989 V6 3.8 gas.	1224
Thunderbird LX 1990 V6 3.8 gas.	1192
Thunderbird LX 1990 V6 3.8 gas.	1224
Thunderbird LX 1991 V6 3.8 gas.	1192
Thunderbird LX 1991 V6 3.8 gas.	1224
Thunderbird LX 1992 V6 3.8 gas.	1192
Thunderbird LX 1992 V6 3.8 gas.	1224
Thunderbird LX 1993 V6 3.8 gas.	1192
Thunderbird LX 1993 V6 3.8 gas.	1224
Thunderbird LX 1994 V6 3.8 gas.	1192
Thunderbird LX 1994 V6 3.8 gas.	1224
Thunderbird LX 1994 V8 4.6 gas.	1199
Thunderbird LX 1994 V8 4.6 gas.	1226
Thunderbird LX 1995 V6 3.8 gas.	1192

Ford	Nº ZEN
▶ Thunderbird LX 1995 V6 3.8 gas.	1224
Thunderbird LX 1995 V8 4.6 gas.	1199
Thunderbird LX 1995 V8 4.6 gas.	1226
Thunderbird LX 1996 V6 3.8 gas.	1192
Thunderbird LX 1996 V6 3.8 gas.	1224
Thunderbird LX 1996 V8 4.6 gas.	1199
Thunderbird LX 1996 V8 4.6 gas.	1226
Thunderbird SC 1989 V6 3.8 gas.	1192
Thunderbird SC 1989 V6 3.8 gas.	1224
Thunderbird SC 1990 V6 3.8 gas.	1192
Thunderbird SC 1990 V6 3.8 gas.	1224
Thunderbird SC 1991 V6 3.8 gas.	1192
Thunderbird SC 1991 V6 3.8 gas.	1224
Thunderbird SC 1992 V6 3.8 gas.	1192
Thunderbird SC 1992 V6 3.8 gas.	1224
Thunderbird SC 1993 V6 3.8 gas.	1192
Thunderbird SC 1993 V6 3.8 gas.	1224
Thunderbird SC 1994 V6 3.8 gas.	1192
Thunderbird SC 1994 V6 3.8 gas.	1224
Thunderbird SC1995 V6 3.8 gas.	1192
Thunderbird SC 1995 V6 3.8 gas.	1224
Tiger Tug (USA) - Cummins	1134
Trator	0669 1624
Trator 2000, 3000, 4000	0064
Trator 2000, 3000, 8000 73	0155
Transit	0227
Transit c/ partida Lucas	0064
Transit 1.0, 1250cc	0015
Transit 1.6, 2.0	0222 0475 0997
Transit 100, 800, 1250, 1500	0223
Transit 2.5 D	0907
Transit D	0541
Transit Dizel	0313 0398
Trator 4600, 5600, 6600 4 cil.	0024 1359
Tratores: 3010S, 3830, 4010S, 4030 (1992 até 1996), 5010S, TN55, TN55D, TN55S, TN65, TN65 Turf, TN65D, TN65S, TN65V, TN70, TN70D, TN70S, TN75, TN75D, TN75S, TN75V (1996 em diante).	1624
Truck diesel	0670
Van	0280
Verona	0762
Verona GLX c/ partida Bosch	0323
Verona LX 1.6 todos c/ partida Bosch	0108
Versalles 1.8, 2.0, 2.0i	0108
VL c/ Odore	0475
XR3 c/ partida Bosch	0323
Ford	0001 0020 0044 0053 0162 0440 0636 0755 1190 1194 1359 1515

General Motors	Nº ZEN
4006MT, 8000MT	0118
Ascona	0243
Astra 1.8 c/ partida Delco Remy	0770
Astra 1.8, 2.0	10003
Astra 1.8, 2.0, 2.0 16V	1209
Astra 1.8i	0745
Astra 2.0 MPFI	0745
Astra 2.0i 16V	0745
Astra Sedan 1.8i	0745
Astra Sedan 2.0i, 2.0i 16V	0745
Blazer	0756
Blazer 2.2 EFI	0745
Blazer 2.2, 2.4	10003
Blazer 2.5 diesel	0861
Blazer 4.3 V6	0958
Blazer c/ partida Delco Remy	0292
Blazer 4.3 V6 ano 96 c/ partida Delco Remy	0756
Blazer 4.3 V6 c/ partida Delco Remy	0958
Blazer c/ partida Lucas	0916
Blazer diesel	1168
Blitz	0243
C20	0013
C20 c/ partida Delco Argentino e 3 estrias	0020
Calibra 2.0, 2.0i, 2.0i 16V	1209
Caminhão c/ motor Detroit 4.53	0051
Caminhão c/ motor Perkins e partida Bosch	0121
Caminhão c/ motor Perkins e partida Bosch 24V	0201
Caminhão c/ partida Wapsa c/ motor Detroit 4.53	0114
Caminhão c/ partida Wapsa c/ motor Perkins 6 cil.	0024 1359
Caminhão D478 c/ partida Delco de 69 a 72	0093 0568
Caminhão Truck	0625 0755
Caminhões 14190	0625 0755
Caminhões c/ motor Caterpillar e partida Delco Remy 37MT 12/24V	0625 0755 0858
Caravan c/ partida Delco a partir de 76	0045
Cavalier 4 cil. 96	0783
Celta	10003
Celta 1.0	0843 1064
Celta 1.0i	0837
Chevette	0108
Chevette 1.4 c/ partida Bosch à gasolina de 01/75 a 07/76	0080
Chevette 1.4, 1.6, Chevette Junior álcool e gasolina	0108
Chevy 500 c/ partida Bosch	0108
Chevy D	0737 9488
Chevy Lux	0141 0351
Corsa	0843 1209
Corsa 1.0, 1.4 c/ partida Bosch	0482
Corsa 1.0, 1.4 c/ partida Valeo	0747
Corsa 1.0, 1.4, 1.6	0837
Corsa 1.0, 1.4, 1.6 EFI	0837
Corsa 1.8	10003

General Motors	Nº ZEN
► Corsa c/ motor de partida Lucas	0945
D20 c/ motor Maxion	0826
D20, D6000 a partir de 03/92	0978
Envoy 5.3L (325) V8 2004-2005	10003
GMC	0610 0611
GMC 6100 ano 2001 c/ motor Maxion 4 cil. e arranque Lucas	0978
Grand Blazer 4.1	0915
Ipanema	0745
Ipanema 1.8 c/ partida Bosch	0108
Ipanema 2.0 MPFI	0745
Kadett 1.8 c/ partida Bosch	0108
Kadett 2.0 MPFI	0745
Kadett c/ partida Delco Remy	0243
Kodiak	1608
Lumina V6 3.1 lts., 4.0 lts.	0783
Manta	0243
Marajó 1.4 álcool e gasolina de 02/75 a 07/76	0080
Marajó 1.4, 1.6	0108
Meriva 1.8	10003
Minivan 3.4 lts.	0783
Montana	10003
Monte Carlo V6 3.1 lts.	0783
Monza c/ partida Bosch	0108
Motor	0611
Motor p/ Empilhadeira Hyster	0610
Motor p/ Empilhadeira Hyster XM50	0612
MPV V6 3.4 lts.	0783
Novo Corsa	1064
Omega	0745
Omega 2.0	0243
Omega 2.0i, 2.2i	0745
Omega 3.0	0482
Omega 3.0i	0745
Omega 3.8 V6	0919
Omega 4.1	0482
Omega Importado 3.8 V6 (Austrália)	0919
Omega Suprema 2.2, 3.0	0482
Opala 4 e 6 cil. c/ partida Delco Argentino e 3 estrias	0020
Opala c/ partida Bosch 4 cil. até 06/78	0046
Opala c/ partida Delco a partir de 76	0045
Pick-up	0010 1194
Pick-up Apache	0013
Pick-up Blazer Motor Maxion HS 4 cil. 2.5	1635
Pick-up C10, C14, C15 a partir de 64	0010
Pick-up C10, C15 c/ partida Delco a partir de 76	0045
Pick-up D20 c/ motor Maxion e partida Bosch, D40, D6000 a partir 03/92	0118
Pick-up diesel c/ motor Perkins 4 cil. e partida Wapsa	0024 1359
Pick-up S10	0612
Pick-up S10 D	0861

General Motors	Nº ZEN
► Pick-up S10 D (Maxion HSD)	0916
Pick-up S10 motor Maxion HS 4 cil. 2.5	1635
Pick-up S10 diesel	0861
Pick-up S10 diesel c/ motor Maxion HSD c/ partida Lucas	0916
Pick-up S10 Importada 2.2 modelo LS ano 94 c/ motor 4 cil., GMC Sonoma 2.2 lts.	0612
Pick-up Silverado (MWM D)	0991
Pick-up Silverado c/ motor MWM a diesel	0991
Pick-up Silverado Sierra importado DIE c/ partida Delco Remy	1194
Pick-up Sonoma 2.2 lts. importada	0612
S10 2.2, 2.4	10003
S10 2.5 diesel	0657
S10 2.5 diesel Maxion	0657
S10 à gasolina c/ motor 2.2	0745
S10 c/ partida Delco Remy	0770
S10 c/ partida Delco Remy c/ motor 4.3 V6	0756
S10 diesel c/ motor MWM	1063
S10 importada	0351
Safari XT 1997 V6 4.3 gas.	0756
Saturno 91	0752
Savana Vans 4.8L (291) V8 2004	10003
Savana Vans 4.8L (291) V8 2005	10003
Savana Vans 5.3L (325) V8 2004	10003
Savana Vans 5.3L (325) V8 2005	10003
Sierra Pick-up 4.8L (291) V8 2004	10003
Sierra Pick-up 4.8L (291) V8 2005	10003
Sierra Pick-up 5.3L (325) V8 2004	10003
Sierra Pick-up 5.3L (325) V8 2005	10003
Sierra 6.6L (diesel)	1608
Silverado (Maxion S4D)	0978
Silverado 4.1	0482
Silverado à gasolina c/ partida Delco Argentino e 3 estrias	0020
Silverado c/ motor 6 cil. à gasolina 12V	0915
Silverado c/ motor Maxion S4 a diesel	0978
Silverado c/ motor MWM	1022
Silverado 1981 c/ partida Delco Remy	0454
Silverado 2001 / 2006	1608
Sprint	0576
Suprema	0745
Suprema 2.0, 2.0i, 3.0i	0745
Suprema 2.0, 2.2, 3.0	1209
Topkick Trucks 6.6L (diesel)	1608
Vectra	0745
Vectra 2.0 16V	0745
Vectra 2.0 c/ partida Delco Remy	0243
Vectra 2.0 GLS	0745
Vectra 2.0 GSi MPFI, 2.0 GLS MPFI	1209
Vectra 2.0i GSi 16V	0745
Vectra 2.2	10003
Vectra CD c/ partida Delco Remy	0770
Yukon 4.8L (291) V8 2004	10003
Yukon 4.8L (291) V8 2005	10003
Yukon 5.3L (325) V8 2004	10003
Yukon 5.3L (325) V8 2005	10003
Yukon XL 5.3L (325) V8 2004-2005	10003
Zafira	0770
Zafira 2.0	10003
Zafira 2.0 MPFI, 2.0 SFI 16V	0745

General Motors	N° ZEN
► General Motors	0001
	0020
	0045
	0046
	0051
	0097
	0110
	0117
	0121
	0188
	0201
	0454
	0555
	0556
	0568
	0610
	0611
	0624
	0625
	0818
	1205
	1210
	1359
Goldoni	N° ZEN
518, 719, 919, 921	1004
Transcar 25	0794
Transporter 336, Universal 230	0366
Universal 230, 336	0318
Goldoni	1065
Guldner	N° ZEN
Hydrocar T3K	0223
Guldner	0226
Gurgel	N° ZEN
BR 800, Tocantins L, TR 1.6	0323
Carajás c/ motor VW AP 1.8 a partir de 02/88	0108
Hamm	N° ZEN
5.2VTD, 8.5VTD, DV10B, GRW10, 15	0366
Hanomag	N° ZEN
20, 22 C, 30, 33 C, 400 D	0419
Brillant, Robust	0312
D 600, D 700, K 7, K 8, K 11	0078
F 20, 25, 30, 35	0318
F 20, 25, 30, 35, 36	0223
F 20, 25, 30, 35, 36	0228
F 20, 25, 30, 35, 40, 45	0319
K 12C, 15, 16, B 16	0087
Perfect 300, 400, 401	0223
Perfekt 300, 301, 400, 401	0227
R 70, 100	1364
R 70, 100	0105
Harley-Davidson	N° ZEN
Harley-Davidson	0898
MY91 - 06 BT except MY06 Dyna	1201
	1566
Harvester	N° ZEN
384, 454, 474, 574, 674, 684	0286
433 V, 533 V	0378
510, 515, 530	0392
B 55, B 275, B 414, F 863 COM	0041
D 358	0118
	0302
	0418
D 430, 432, 439	0224
Inter 1800	0302

Harvester	N° ZEN
► Inter 1800 Kamyon	0418
Inter 624, 654 Ince Frz	0318
Yumbo 3944, 3945, 3960, 3961	0367
Hatra	N° ZEN
Gigant 10, 12, 14, 6, 8	0366
Hatz	N° ZEN
1 D 60/80	0931
Z G, Séries	0794
D 108, E 108, V 108, Z 108	0378
D 95, D 108, V 95, V 108	0392
E 80 FG, E 80 G, E 85 FG, E 89	0638
E 95, Z 95	0223
	0227
E 950	0447
Z 90 R, Z 150 R	0028
Hatz	0226
	1451
Hestair Dennis	N° ZEN
Hestair Dennis	0096
Hillman	N° ZEN
Avenger, Hunter	0170
Avenger, Hunter, Minx, Sceptre	1188
Hillman	0171
	0397
	0577
Hino	N° ZEN
Caminhões FB/FF basculante	1098
Hitachi	N° ZEN
S108-116, S108-61, (A, B, C, D, E, F, G)	0536
Opel Corsa	1556
Holder	N° ZEN
B 50, B 51	0677
Honda	N° ZEN
Accord	0815
	0818
Accord 1.6	0327
Accord 1.6, Civic 1.2, 1.5	0349
CAL 1.5L, CA, 1300 EJI	0832
Civic	0809
	0815
	0818
Civic 1.3	0832
Civic 1.3, 1.4, 1.5, 1.6, Concerto 1.3, 1.4, 1.5 (16V), Shuttle 1.5, 1.6	9186
Civic 1.7L 2001-2005	1548
Civic 1300 1987 L4 1.3 gas.	0832
Civic 1300 STD 1984 L4 1.3 gas.	0832
Civic 1300 STD 1985 L4 1.3 gas.	0832
Civic 1300 STD 1986 L4 1.3 gas.	0832
Civic CVCC 1975 L4 1.5 gas.	0349
Civic CVCC 1976 L4 1.5 gas.	0349
Civic CVCC 1977 L4 1.5 gas.	0349
Civic DX 1984 L4 1.3 gas.	0832
Civic DX 1985 L4 1.3 gas.	0832
Civic DX 1986 L4 1.3 gas.	0832
Civic DX 1987 L4 1.3 gas.	0832
CRX	0815
CRX 1300 1984 L4 1.3 gas.	0832
CRX 1500 1984 L4 1.5 gas.	0832
CRX 1500 1985 L4 1.5 gas.	0832
CRX 1500 1986 L4 1.5 gas.	0832

Honda	Nº ZEN
▶ CRX 1500 1987 L4 1.5 gas.	0832
CRX 1500 HF 1985 L4 1.5 gas.	0832
CRX 1500 HF 1986 L4 1.5 gas.	0832
CRX 1500 HF 1987 L4 1.5 gas.	0832
CRX 1500 HF 1988 L4 1.5 gas.	0832
CRX 1500 HF 1989 L4 1.5 gas.	0832
CRX 1500 SI 1985 L4 1.5 gas.	0832
CRX 1500 SI 1986 L4 1.5 gas.	0832
CRX 1500 SI 1987 L4 1.5 gas.	0832
CRX DX 1988 L4 1.5 gas.	0832
CRX DX 1989 L4 1.5 gas.	0832
CRX DX 1990 L4 1.5 gas.	0832
CRX EVI, CVCC 1500, EMI, D13, HB	0832
CRX HF 1990 L4 1.5 gas.	0832
CRX HF 1991 L4 1.5 gas.	0832
FED 1.3	0832
Honda (redução)	0818
Nippondenso Starter	9504
Prelude	0815
Sedan W-MT	0832

Hyster	Nº ZEN
97 séries (Cummins)	1205
Empilhadeira	0595
Empilhadeira 97 c/ motor Cummins	1205
Empilhadeira c/ motor H45, 60XM, todos c/ partida Mitsubishi, MD	0450
Empilhadeira c/ motor Perkins 4203, 4236, GM2500 4C, GM4100 6 cil.	0186
Empilhadeira H55XM c/ motor GM 2.2	0783
Empilhadeira Hyster	0610
Empilhadeira Hyster	1195
Empilhadeira Hyster	1196
Empilhadeira Hyster XM50	0612
Forklifts	0426
Guindaste KF	0056
Guindaste KF a partir de 06/70	0056
H50xm	0958
H80xm	0756
Lift TK 4.3L	1473
Loader (H45, 60XM Engine)	0450
XL 80	1473
Hyster	0610
	0612
	0649
	1195

Hyundai	Nº ZEN
Accent, Accent GLS	0450
Elantra	0595
Excel	0450
H100	1607
H100, Migthy Truck, Migthy Truck 2.5 Ton.	1577
HR	1607
Pony	0352
	0450
	0595
Sonata	0595
Sonata 2.4, 3.0	0450
	0595
Stellar	0450
	0595
Tucson, i30	0595

IHC	Nº ZEN
IHC	0182
	0577
	0625
	0649
	0755
	0858
	1060
	1195

Innocenti	Nº ZEN
Elba 1.5, 1.6	0111
Mini	0170
Mini 3 cil.	0765
Regent	0170

Inter	Nº ZEN
Inter	1515

International	Nº ZEN
Navistar DT 360 5.9	1648
Navistar DT 444E-V8 7.3	1595
Navistar DT 446 - I6 7.6	1648
Jacto c/ motor Perkins 1006/ T	1622
Maxion S4	1622
Matra Motor Maxion HS 4 cil. 2.5	1635
Perkins 1006/ T	1622
Retroescavadeira - Maxion HS 4 cil. 2.5	1635
Retroescavadeira c/ motor Maxion S 4	1622

Ishikawjima	Nº ZEN
Ishikawjima	9527

Isuzu	Nº ZEN
Ascender 5.3L (325) V8 2004	10003
Datsun c/ partida Bosch	0351
Diesel	0737
Diesel Troopen 2.2	0946
Isuzu	0349
	0448
	1200

Isuzu KBD 27, 41, 47	0946
KB 18, 20, 21, Trooper TD	9260
KB 20	0141
KB 20 D	0376
KBD 25 2.0 D	0376
KBD 30D	0376
KB10 diesel (Thermo King estacionário)	0376
KBD 27, 41, 47, 2	0946
Pick-up normal CAB 1993 V6 3.1 gas.	0612
Pick-up normal CAB 1994 V6 3.1 gas.	0612
Trooper 2.2 D	0946
Isuzu	0792
	0818
	0958

Jaguar	Nº ZEN
420, E Type, XJ 6	0412
Daimler	0475
Sovereign 3.6	0475
S-Type 3.0L 2000-2004	1585

JCB	Nº ZEN
4CX Turbocharged/Intercooled	1616
400, 500 séries, 800 séries	0155
420, 430	1616
807C, 811, 812, 814, 817, 818, 820, FASTRAC (635) 125, 145, JCB Fastrac (636) 125, 135, 155, JCB Fastrac (636) 185	1616

JCB	Nº ZEN
► 926, 930 Forklifts	0150
Excavator	0947
4 cil.	0482
6, 8 cil.	0135 0597
Jeep	Nº ZEN
Cherokee Chief 1986 L4 2.1 diesel	0571
Cherokee Chief 1986 L4 2.5 gas.	0482
Cherokee Chief 1987 L4 2.1 diesel	0571
Cherokee Chief 1987 L4 2.5 gas.	0482
Cherokee Chief 1988 L4 2.5 gas.	0482
Cherokee Laredo 1986 L4 2.1 diesel	0571
Cherokee Laredo 1986 L4 2.5 gas.	0482
Cherokee Laredo 1987 L4 2.1 diesel	0571
Cherokee Laredo 1987 L4 2.5 gas.	0482
Cherokee Laredo 1988 L4 2.5 gas.	0482
Cherokee Laredo 1989 L4 2.5 gas.	0482
Cherokee Pioneer 1986 L4 2.1 diesel	0571
Cherokee Pioneer 1986 L4 2.5 gas.	0482
Cherokee Pioneer 1987 L4 2.1 diesel	0571
Cherokee Pioneer 1987 L4 2.5 gas.	0482
Cherokee Pioneer 1988 L4 2.5 gas.	0482
Cherokee Pioneer 1989 L4 2.5 gas.	0482
Cherokee SE 1994 L4 2.5 gas.	0803
Grand Cherokee 95	0597
Comanche Chief 1987 L4 2.5 gas.	0482
Comanche Chief 1988 L4 2.5 gas.	0482
Comanche Custom 1986 L4 2.1 diesel	0571
Comanche Custom 1986 L4 2.5 gas.	0482
Comanche Laredo 1987 L4 2.1 diesel	0571
Comanche Laredo 1987 L4 2.5 gas.	0482
Comanche Laredo 1988 L4 2.5 gas.	0482
Comanche Pioneer 1987 L4 2.1 diesel	0571
Comanche Pioneer 1987 L4 2.5 gas.	0482
Comanche Pioneer 1988 L4 2.5 gas.	0482
Comanche Pioneer 1989 L4 2.5 gas.	0482
Comanche Pioneer 1990 L4 2.5 gas.	0482
Comanche Pioneer 1991 L4 2.5 gas.	0482
Comanche X 1986 L4 2.1 diesel	0571
Comanche X 1986 L4 2.5 gas.	0482
Comanche XLS 1986 L4 2.1 diesel	0571
Comanche XLS 1986 L4 2.5 gas.	0482
Eagle 1.6, 1.8, 2.0 T	0595
Renegade	0376 0946 9260
Wagoneer Limited 1986 L4 2.1 diesel	0571
Wagoneer Limited 1986 L4 2.5 gas.	0482
Wagoneer Limited 1987 L4 2.1 diesel	0571
Wagoneer Limited 1987 L4 2.5 gas.	0482
Wrangler Islander 1989 L4 2.5 gas.	0482
Wrangler Islander 1990 L4 2.5 gas.	0482
Wrangler Islander 1991 L4 2.5 gas.	0482
Wrangler Laredo 1987 L4 2.5 gas.	0482
Wrangler Laredo 1988 L4 2.5 gas.	0482
Wrangler S 1988 L4 2.5 gas.	0482
Wrangler S 1991 L4 2.5 gas.	0482
Wrangler S 1992 L4 2.5 gas.	0482
Wrangler S 1993 L4 2.5 gas.	0482
Wrangler S 1994 L4 2.5 gas.	0803

Jeep	Nº ZEN
► Wrangler Sahara 1988 L4 2.5 gas.	0482
Wrangler Sahara 1989 L4 2.5 gas.	0482
Wrangler Sahara 1990 L4 2.5 gas.	0482
Wrangler Sahara 1991 L4 2.5 gas.	0482
Wrangler SE 1994 L4 2.5 gas.	0803
Wrangler Sport 1987 L4 2.5 gas.	0482
Wrangler Sport 1988 L4 2.5 gas.	0482
Jenbacher	Nº ZEN
JW 277/ JW 278 (24V)	0366
JW 440K/KL, JW 444, JW 602	0378
JW 440K/KL, JW 444, JW 602	0392
JW 902	0087
John Deere (SLC)	Nº ZEN
840, 940, 1040, 1140, 1640, JD 310, 350, 400, 410, MD 1065, MD 1075, MD 932, MD 942, MD 952	0635
6605 e 7505 6 cil.	1637
920, 1120, 1530, 1630, 2030, HD 900, 1000, JD 300, 310, 350, 400, MD 330, MD 930, MD 935	0304
5320N motor 3029T 3 cil 2..9	1647
5410 4.5 4 cil.	1647
5520N motor 4045T 4 cil. 4.5	1647
5600 motor 4039 D 3.9	1647
5700, 6300 motor 4039T 4 cil. 3.9	1647
6600 motor 6059T 6 cil. 5.9	1647
6605 e 7505 6 cil.	1637
7700 Turbo	1073
7820/608 1H 6 cil.	1595
Bulldozer 570 / 570A	1647
Colheitadeira/Combine/Cosechadora 1550/608 1H 6 cil.	1595
Colheitadeira/Combine/Cosechadora 1165, 1175, 1450	1637
HD 900, 1000, JD 300, 310, 350, 400, MD 925, 930, 932, 935, 940	0497
Ince FRZ	0304
John Deere	1194
John Deere 1020, 1030, 1040, 1065, 1075, 1085, 1120, 1130, 1140, 1530, 1630, 1640, 1830, 1840, 2040, 2140, 2150, 2240, 2350, 2550, 2750, 2940, 2950, 820, 830, 840, 920, 968, 969, 970, 975, JD300, JD310, JD350, MD330, c/ partida Bosch JF	0497
John Deere 1020U, VU. 1630, 20300U, JD300, JD310, JD350, JD400, JD450, MD1020, MD1120, MD1530, MD1630, MD1830, MD2030, MD2130, MD3130, MD330, MD820, MD820VU, MD830, MD290, MD925, MD930	0304
John Deere MD935, MD940, MD942, MD945, MD950, MD952, MD955, MD960, MD965, MD968, MD969, MD970, MD975	0304
John Deere c/ partida Delco Remy 42MT	0110 0117
John Deere JD310, JD350, JD400, JD410, JD450, MD1040, MD1065, MD1075, MD1085, MD1140, MD1640, MD1840, MD20401, MD2140, MD3040, MD3140, MD840, MD932, MD940, MD942, MD952, MD955, MD958, MD965	0635
John Deere MD630, MND730, c/ partida Bosch JF	0118
MD 630, MND 730	0118 0302
Trator	0112 0434 0635
Tractor 627, 727 6 cil	1647
Trator 4045 4 cil. 4.5 Gradall	1595
Trator 5600	1090
Trator 6300 c/ partida Lucas	0492
Trator 6600, 7500	0102

John Deere (SLC)	N° ZEN
▶ Trator c/ motor Perkins 3 cil. e partida Lucas	0102
Trator série 7000, 7200 Turbo c/ motor MWM TD 229.6	0496
Trator série 7000, 7200 Turbo, 7700, 7700 Turbo c/ motor MMB e partida Bosch JF	0105
Trator 7500	1637
Tratores 1420, 2330, 2420, 2530, 2730 3 e 4 cil	1647
Tratores 2140, 2850, 3140, 3350, 3540, 3550 com motores 6359, 4239D	1647
Tratores 3420 / 3530 / 4420 / 4530 6 cil	1647
John Deere	0624
	0625
	0722
	0755
	0948
	1194

JPX	N° ZEN
Jeep (todos)	0787
Jeep c/ partida Mitsubishi	0806
Jeep c/ partida Valeo	0935
	1023
Jeep JPX	1023
Jeep XUD9A	0787

Jungheinrich	N° ZEN
DFG 30	9791

Kaeble	N° ZEN
3WT, SWT, 8WV, WTV, WVK	0366
SL 12 C	0367
SL 18 E, SL 20, SL 25 B	0218
Kaeble	1111

Kassbohrer	N° ZEN
S 208 H	0367
S 209, 211, 212, 213, 215, 216, 228	0218
S 80, S 100	0316
S 80, 110A, S 120, 130, 150	0101
S 80, 110, A, S 120, 130, 150	0392

Kawasaki	N° ZEN
33, 34	0223
400L 2x4, 400L Big Boss 6x6	0751
650 - SC, X2	0749
750 - SS, ST, STS, STX, SX, SXI, TS, XI, ZXI	0749
900 - STX, ZXI	0749
1100 - STX, ZXI E ULTRA 150	0749
21163-3003 (F, G, YR)	0536
21163-3710, 21163-3711, 21163-5031	0536
ATV 300 4x4	0751
D10006, D130006, D4006, D4506, D5006, D6006, D6206, D6806, D7006, D7206, D7506, D8006, DX100, DX85, DX90, Intrac 2002, 2003, 2004	0392
F1300D, F1400D, F1500D, F1600D, F1800D, F2105DF	0418
F1300DT, F1400DT, F1500DT, F1600DT, F1800DT, F1902DT, F2105D	0118
F2100, F2103, F2105, F2300, F2303, F2305, SB2500DH	0760
Jet Ski SC650, SS750, ST750, SX, SX650, SX750, SXI 750, TS650, X2650, XI750, ZXI1100, ZXI750, ZXI900	0749
Jet Ski SX440, SX550	0536
Jet Ski Wet Jet c/ motor Yamaha	0749
Kawasaki, C650, SS750, ST750, SX, SX650, SX750, SXI 750, TS650, X2650, XI750, ZXI1100	0749
Kawasaki, SX440, SX550	0536
Kawasaki, Wet Jet c/ motor Yamaha ZX1900, ZX1750	0749
Magnum 2x4, Magnum 4x4, a partir de 94	0751
Polaris, ATV 300 4x4, 400L 2x4, 400L Big Boss 6x6, Magnum 4x4 a partir de 94, Sportman 4x4	0751

Kawasaki	N° ZEN
▶ Trail Boss 250, Xplorer 4x4 (todos exceto 325cc)	0751

KHD	N° ZEN
100 D 8 FL, 9 FL, 10 FL, 11 FL	0392
411D, 411W, D2506, D3006, F1L410	0318
715 F2 L 1011	0764
716 F3 L 1011	0764
717 F4 L 1011	0764
721 BF4 L 1011	0764
BF4L 1011	0929
BF4L 1011 (2.7), F2L 1011 (1.4), F3L 1011 (2.0), F4L 1011 (2.7)	1002
BF4L 1011 (2.7), F2L 1011 (1.4), F3L 1011 (2.0), F4L 1011 (2.7), todos de 06/89	1002
D10006, D130006, D4006, D4506, D5006, D6006, D6206, D6806, D7006, D7206, D7506, D8006, DX100, DX85, DX90, Intrac 2002, 2003, 2004	0367
D25, 30 2505, 3005, F2L 812	0223
	0227
D2506, D3006, DX50V, F3L 911, F3L 912	0366
D3005, D25, D2505, D30, D30 S, F2L 712, F2L 812	0223
D4005, D4505, D5005, D5505, F3L 812, F4L 812	0226
D4006, 4506, 5006, 5506	0367
D4006, 5006, 6006, 7006	0225
D8005, M90 D7FL, M90 D7L	0036
D8005, M90 D7L, M90 7FL	0036
F1L 410, F2L 410, F2L 411, F3L 912, FHL 912	0225
F2L 1011	0929
F2L 1011, F3L 1011, F4L 1011	0764
F2L 912, F3L 912	0312
F3L 1011	0929
F4L 1011	0929
F6L 413, F8L 413, M150E10, M150L10, M170D, L, R, S, SH, TL, TR, M200L, M232D, DL1300	0087
Motors Engines BF4L 1011 (2.7 L, 2732cc) 2003	1472
Motors Engines F2L 1011 (1.4, 1366cc) 2004	1472
KHD	0764

Kia	N° ZEN
Besta 1000cc	0786
Besta 2.5, 2.7	1601
Besta 2.7 arranque Mando	1667
Bongo ano 2008	1607
Pop Pride com arranque Remy Coréia	1605
Pride	0636
	1054
Rio 02/05	1048
Sephia GTX 1.5 16V, SLX 1.6	0450
Sephia GTX 1.5 16V, SLX 1.6 8V, a partir de 94	0450
Spectra 1.6	1048
Sportage 2.0 i	0352
Sportage c/ motor OHC 16V à gasolina	0450
Kia	1211

Komatsu	N° ZEN
Esteiras D60E, D60F, D65E, D73E (Cummins N855C) a partir de 93	0089
GD523, 623 (Cummins C séries)	0622
Motoniveladora GD523, GD623 c/ motor Cummins série C	0622
P160, P170, P170T, P190, P200, P260, P270	0118
Pá Carregadeira c/ motor Cummins série C	0622
PC 150	0118
PC200 Escavadeira - com motores Cummins 4B3.9, 4BT3.9, 6B5.9, 6BT5.9, 6BTAA.MACK	0722
Retroescavadeira PC150 mod. 5, (Hidráulica)	0118
Retroescavadeira PC150 mod.3 (Cummins 6BT 5.9) a partir de 04/93	0497

Komatsu	Nº ZEN
▶ Trator D30E, D50A, D50P (MBB OM 352, 352A), todos c/ partida Bosch JF	0105
Trator de Esteiras D30E, D50A, D50P	0105 1364
Trator de Esteiras D60A, D60E, D60F, D65A, D65E, todos c/ motor Cummins N855	0088 0122 0133
Trator WA 180 (Cummins 6 BT 5.9) a partir de 02/97	0089
Vários Forklift	0376
Komatsu	0122 0133 0625

Kubota	Nº ZEN
Micro Trator Tobatta M140N	0348
Tobatta M140N	0348
Trator / Tractors	0339 0343 0584 9186
Kubota	0339 0343

Lada	Nº ZEN
2104	0111 0213
2108	0540
2110	0892
2121	0213
Lada 1200, 1500	0213
Laika	0213
Laika 1.5, 1.6	0111
Niva	0213
Niva 1.5, 1.6 a partir de 02/93	0111
Niva 4x4	0540
Niva Vaz 2121	0213
Samara	0540
Samara 1.1, 1.3, 1.5	0805
Samara c/ partida Bosch	0805
Lada	1068

Lamborghini	Nº ZEN
1356, 1566, 653, 654, 684, 754, 854, 955, DT804, DT904, R1056DT, R1156, R1256DT, R804, R904	0367
221, 230, 321, 340, 350, 431, 452, 523, 624	0318
226, 230, 340, 452, 90-2, 90-4, LDA 78/4	0028
503DT, 603DT, R503, R603	0225
653, 654, 684, 754, 854, 904	0367
784DT, C352, C362, C453, C503, C533, C553, C653, DT235, DT653, L503, LL503, R235, R483, R653, S235, S503	0447
7R, 7RDT, R355, R355 DT	0226
904DT, C603, DT704, L603, R1056DT, R704, R804	0392
C603, DT704, L603, R704	0378
C603, R704, R804, R904	0392
Diablo 5.7	1004
DT503-603, R503-603, S503-603	0366
Espada	0318
Islero 400GTS	0318
Miura P400	0318
R240 DT, R350 DT	0312
R355, R355 DT	0226
R503, R583, R603	0366
R503, R603	0225

Lamborghini	Nº ZEN
▶ Lamborghini	1065 1073 1076

Lancer	Nº ZEN
300 séries, PD III A	0398 0486 0506
D, H séries	0067
H, HD séries, MD III A	0096
HP séries	0134

Lancia	Nº ZEN
Beta	0111 0189 0213
Beta 1.3, 1.4, 1.6, 1.8, 2.0	0111
Beta 1.3, 1.6, Delta 1.6, Prisma 1.6	0389
Beta 2.0	0213 0394

Beta HPE 1976 L4 1.8 gas.	0111 0213
---------------------------	--------------

Beta HPE 1977 L4 1.8 gas.	0111 0213
---------------------------	--------------

Beta HPE 1978 L4 1.8 gas.	0111 0213
---------------------------	--------------

Beta Scorpion 1976 L4 1.8 gas.	0111 0213
--------------------------------	--------------

Beta Scorpion 1977 L4 1.8 gas.	0111 0213
--------------------------------	--------------

Beta Z50 diesel	0035
-----------------	------

Dedra 1.6	0779
Dedra 1.6 i.e.	0786 1206

Dedra 1.8, 2.0	0878
----------------	------

Dedra TD, Delta TD, Prisma TD	0631
-------------------------------	------

Delta	0111 1113
-------	--------------

Delta 1.3	0120
-----------	------

Delta 1.5	0108 0389
-----------	--------------

Delta 1.5, 1.6	0111
----------------	------

Delta 1.6 HF Turbo	0394
--------------------	------

Delta 1.8, 2.0	0878
----------------	------

Delta HF4WD	0394
-------------	------

Delta TD	0631
----------	------

Delta, Y 1.1, 1.2, 1.4	0779
------------------------	------

Esadelta	0036
----------	------

Esadelta B	0035
------------	------

Esagamma	0035
----------	------

Esaro 3RO	0036
-----------	------

Esatu	0035 0036
-------	--------------

Flavia 1.8	0183 0244
------------	--------------

Gamma 2.0, 2.5	0108
----------------	------

HPE	0213
-----	------

K 2.0, 2.4 (20V)	0878
------------------	------

K 2.0, 2.4 TD	0969
---------------	------

K 2.4 TD	1630
----------	------

Kappa	1113
-------	------

Lancia	Nº ZEN
▶ Lybra	1033 1113
Lybra 1.6 16V	0976
Lybra 1.6, 1.8, 2.0	0998
Motor 1.3 JTD 16V	1641
Prisma	0111
Prisma 1.3	0120
Prisma 1.5	0108 0389
Prisma 1.5, 1.6	0111
Prisma 1.6 4WD	0394
Prisma TD	0631
Thema (8.32)	0482
Thema 2.0	0394 0878
Thema 2000 IE, Turbo	0394
Thema D, TD	1104
Thema TD	0875
Thema Turbo diesel	0875
Trevi	0111 0213
Trevi 1.6	0389
Trevi 1.6, 2.0	0111
Trevi 2.0	0213
Y10 1.0, 1.1 Touring	0482
Y10 Fire	0786
Z 2.0 Turbo	0745
Lancia	1056 1117 1169 1227 1477
Land Rover	Nº ZEN
100, 200, 25, 400, 45	1496
109, 110 2.25 D	0064 0615
90, 110 diesel	0449
90, 110, 130 2.5 D, TD	0657
Cabriolet, Coupe	1496
Defender	0657
Defender 110 3.9L, 3947cc 1993	1474 1475
Defender 2.5	0475
Defender 2.5 diesel Gemini TCI D.I 23L	0861
Defender 2.5 Turbo	0861
Defender 90 3.9L, 3947cc 1994, 1995	1474 1475
Defender com motor 2.4 TD4 ano 2007 em diante	1642
Defender Motor Gemini III 4 cil. 2.5	1635
Diesel	0067 0155
Diesel Maxion H54TCC 98- ...	0861
Discovery	0657
Discovery Motor Gemini III 4cil. 2.5	1635
Discovery 2.5 TDi 12L, 21L 89-94	0861
Discovery 2.5 TDi 16L 93-98	0861
Discovery 3.9L, 3947cc 1994-1995	1474
Discovery OM014A	0657
Pick-up c/ partida Valeo	0657
Range Rover I 2.5 TDi Classic 14L 92-94	0861
Range Rover I 2.5 TDi Classic 300 TDi 94-96	0861

Land Rover	Nº ZEN
▶ Range Rover 3.5L 3532cc 1987, 1988	1475
Range Rover 3.9L 3947cc 1989, 1995	1475
Range Rover 4.0L, 3950cc 1995	1474
Range Rover 4.2L, 4275cc 1993-1994	1474
Range Rover 4.2L, 4275cc 1995	1474
Landini	Nº ZEN
10000S A6.354.4	1616
12500 A6.354.4	1616
13000 A6.354.4	1616
14500 AT6.354.4	1616
3000	0223
65 A4.236	1616
6560 F/L/V A4.236	1616
6860 A4.236	1616
6880 A4.236	1616
75 A4.236	1616
7560 F/L A4.236	1616
7860 A4.236	1616
7880 A4.236	1616
85 A4.248	1616
8560 F/L A4.248	1616
8860 A4.248	1616
8880 A4.248	1616
9080 T4.236	1616
95 T4.236	1616
9880 T4.236	1616
C75 A4.236	1616
C85 A4.248	1616
C95 T4.236	1616
CF6830 A4.236	1616
CF75 A4.236	1616
CF85 A4.248	1616
Landini	1060
Laverda	Nº ZEN
M150 Colheiteira/Combine/Cosechadora	0150
Lexus	Nº ZEN
Lexus	12609
Leyland	Nº ZEN
FG, FM Range	0486
FG, FM, VW Range, EA	0155
Freight Van, Sherpa Van	1188
Sherpa 1.7, 2.0	0823
Liebherr	Nº ZEN
921/ A 901B/A, R 911	0366
PR 721, 731	0218
R 961, 971	0087
Lincoln	Nº ZEN
Continental Executive 1991 V6 3.8 gas.	1192
Continental Executive 1991 V6 3.8 gas.	1224
Continental Executive 1992 V6 3.8 gas.	1192
Continental Executive 1992 V6 3.8 gas.	1224
Continental Executive 1993 V6 3.8 gas.	1192
Continental Executive 1993 V6 3.8 gas.	1224
Continental Executive 1994 V6 3.8 gas.	1192
Continental Executive 1994 V6 3.8 gas.	1224
Continental Signature 1989 V6 3.8 gas.	1192
Continental Signature 1989 V6 3.8 gas.	1224
Continental Signature 1990 V6 3.8 gas.	1192
Continental Signature 1990 V6 3.8 gas.	1224
Continental Signature 1991 V6 3.8 gas.	1192

Lincoln	N° ZEN
▶ Continental Signature 1991 V6 3.8 gas.	1224
Continental Signature 1992 V6 3.8 gas.	1192
Continental Signature 1992 V6 3.8 gas.	1224
Continental Signature 1993 V6 3.8 gas.	1192
Continental Signature 1993 V6 3.8 gas.	1224
Continental Signature 1994 V6 3.8 gas.	1192
Continental Signature 1994 V6 3.8 gas.	1224
LS 3.0L (182) V6 2000-2004	1585
LS 3.9L (241) V8 2000-2004	9823
Mark VIII LSC 1995 V8 4.6 gas.	1199
Mark VIII LSC 1995 V8 4.6 gas.	1226
Mark VIII LSC 1996 V8 4.6 gas.	1199
Mark VIII LSC 1996 V8 4.6 gas.	1226
Town Car Cartier 1992 V8 4.6 gas.	1199
Town Car Cartier 1992 V8 4.6 gas.	1226
Town Car Cartier 1993 V8 4.6 gas.	1199
Town Car Cartier 1993 V8 4.6 gas.	1226
Town Car Cartier 1994 V8 4.6 gas.	1199
Town Car Cartier 1994 V8 4.6 gas.	1226
Town Car Cartier 1995 V8 4.6 gas.	1199
Town Car Cartier 1995 V8 4.6 gas.	1226
Town Car Executive 1992 V8 4.6 gas.	1199
Town Car Executive 1992 V8 4.6 gas.	1226
Town Car Executive 1993 V8 4.6 gas.	1199
Town Car Executive 1993 V8 4.6 gas.	1226
Town Car Executive 1994 V8 4.6 gas.	1199
Town Car Executive 1994 V8 4.6 gas.	1226
Town Car Executive 1995 V8 4.6 gas.	1199
Town Car Executive 1995 V8 4.6 gas.	1226
Town Car Jack Nicklaus 1993 V8 4.6 gas.	1199
Town Car Jack Nicklaus 1993 V8 4.6 gas.	1226
Town Car Signature 1992 V8 4.6 gas.	1199
Town Car Signature 1992 V8 4.6 gas.	1226
Town Car Signature 1993 V8 4.6 gas.	1199
Town Car Signature 1993 V8 4.6 gas.	1226
Town Car Signature 1994 V8 4.6 gas.	1199
Town Car Signature 1994 V8 4.6 gas.	1226
Town Car Signature 1995 V8 4.6 gas.	1199
Town Car Signature 1995 V8 4.6 gas.	1226
Town Car Spinmaker Edition 1995 V8 4.6 gas.	1199
Town Car Spinmaker Edition 1995 V8 4.6 gas.	1226
Town Car Tournament Edition 1994 V8 4.6 gas.	1199
Town Car Tournament Edition 1994 V8 4.6 gas.	1226
Lincoln	0645
	0652
Linde	N° ZEN
Empilhadeira	1655
H12 D, H15 D	0312
	0366
H20, H25, H30	0419
H20 B/T, H25 B/T, H30 B	0118
	0302
H20 D, 25 D, 30 D, 35 D	0367
Lindner	N° ZEN
Lindner	0067
Lister	N° ZEN
Petter	0723
Lister	0624
	0858

Lombardini	N° ZEN
12 LD	0794
3, 4 CYL diesel 1989-0N	1155
4LD 640, 705, 820 L 10, 14, LDA 96, 97, 100, 820 LDAM 96	1004
904, 914	0300
9LD 625	0475
LDA 672, 673	0838
LDA 672, 673, 674, 832, 833, 834	0225
LDA 672, 673, 674, 833, 834	0366
LDA 673, 674, 833, LDAM 674	0367
LDA 674, 833, 834	0301
LDA 78/4, 90/2, 90/4	0028
LDW 502, 602, 903, 1204	0878
Lombardini	0447
	1076
	1451
Lotus	N° ZEN
Eclat, Elite, Esprit	0412
Europa	1188
Seven	0280
	0380
Lucas	N° ZEN
VW 13190, 15190, 17210 motor MWM	1091
M.G.	N° ZEN
1300	0170
MGB	0414
Midget	0170
Mack	N° ZEN
CS 200, 250, MS 200, 250	0118
Mafersa	N° ZEN
Trator M série M 210 c/ motor Cummins 6CTA 8.3 a partir de 09/91	0089
	0122
	0133
Trator M série M 240 c/ motor Cummins 6CTA 8.3 a partir de 09/91	0088
	0122
	0133
Magirus Deutz	N° ZEN
192 H14, H16, 256 H19, H22	0087
Trator	0929
Mahindra	N° ZEN
Champion	1503
Man	N° ZEN
10.136, 12.136, 12.170, 12.192, 14.136, 14.170, 14.192, 16.136	0538
13.192-230, 16.232-280, 19.230, 15, 16, 17, 18, 19, 20, 22, 23, 24 (ton séries), 25, 26, 27, 28, 30, 32, 33, 35, 40 (ton séries), 26.280, 320, 30.232, 320, 32.231, 41, 48 (ton séries), ÜL, F/HF, NÜ, NG, NL, RH, RN	0218
16.304F, 26.304 DF, 30.304 DFS	0087
160, 192, 212, 215, 216, 230, 10.136, 12.136, 12.170	0035
5.126, 6.126, 9.126, 10.126, 11.136	0118
	0302
Kisa Man	0218
L2000, Evolution, M2000, Evolution, M2000L	1178
Trucks 1990-2002	1178
Marine Electric	N° ZEN
Jet Ski	1455
Massey Ferguson	N° ZEN
44, 55, 66, 77C, 600, 700C, C44, 55, 66C, D66, 600, 700C	0078
205, 235, 274, 275, 307, 506, 575, MF 102, 135, 148, 155, 168, 1200	0150
210-4	0376
Colheitadeira/Combine/Cosechadora 3640	1602
Colheitadeira/Combine/Cosechadora 5650	1602

Massey Ferguson	Nº ZEN
▶ Colheitadeira/Combine/Cosechadora MF c/ partida Delco Remy	0182
Colheitadeira/Combine/Cosechadora MF 86HS - Perkins 4.236 4.0	1622
Colheitadeira/Combine/Cosechadora MF 96 - Perkins 4000 4.1	1622
Colheitadeira/Combine/Cosechadora MF102, MF1630, MF210S, MF220, MF310, MF3640, MF5650, todos c/ partida Bosch	0118
Colheitadeira/Combine/Cosechadora MF1630 (PER-A 4248), MF3640 (PER-A 6358), MF5650 (PER-A 6354-4), MF5650 Turbo (PER-AT 6354-4)	0118
Colheitadeira/Combine/Cosechadora MF220 c/ partida Wapsa	0024 1359
Colheitadeira/Combine/Cosechadora	0286
Empilhadeira Maxion 3000 - Perkins 4000 4.1	1622
E7C, SC50, SM6A, SM6B, SM6C, SM7, SM8, SM8TU	0302
Leyland Traktor Eski Model	0067
Massey Ferguson	0110 0134 0150 0737 1195
MF101 C, MF275, 285, 365, 375, 399	0134
MF102 Perkins-AT6.354	1616
MF102 Perkins-A6.372	1616
MF105	1616
MF1080 Perkins A4.318	1616
MF1080 S-4RM Perkins A4.318	1616
MF1100 Perkins A6.354	1616
MF1085 A4.318	1616
MF11	1616
MF1104	1616
MF1114 Perkins A6.354	1616
MF1250 Séries Perkins A6.354.4	1616
MF133, 145, 152, 165, 174, MF194, 235, 250, 265, 290	0155
MF155, MF158, MF168, MF186, MF187, MF188, MF487, MF507, MF510, MF520, MF525, MF87	0661
MF1630 A 6.354-4 e 1630 A.4248 01/1981 JF 12V	1690
MF178 Perkins A4.248	1616
MF186	1616
MF20, 81, 148, 235, 240, 285	0067
MF201	1616
MF205	1616
MF206	1616
MF207	1616
MF235	0043 0668
MF265	0668
MF30D	1616
MF307	1616
MF3060	1616
MF3065	1616
MF3070 Perkins AT4.236	1616
MF33B, 450B, 450C	0308
MF33B, W 450B, 450B, 450 C	0105 1364
MF3640 A 6.358 A 01/1973 JF 12V	1690
MF3640 Perkins 1006-6 05/1996 JF 12V	1690
MF374 S, V, F Perkins-A4.236	1616
MF394 S, F Perkins-A4.248	1616
MF44, 55, 66, 77, 600, 700	0078
MF4780 (Scania DN11)	0087
MF487	0286 1616
MF487 Colheitadeira/Combine/Cosechadora	0509

Massey Ferguson	Nº ZEN
▶ MF50 9TD / EX Perkins A4.236	1616
MF50 10TD/9TD Perkins A4.236/A4.212	1616
MF50 10TD Perkins A4.236/A4.318	1616
MF506	1616
MF510	1616
MF520, 525 Perkins A6.354	1616
MF5650 A 6.354.4 01/1982 JF 12V	1690
MF5650 Perkins 1006-6T 05/1996 JF 12V	1690
MF5650 Turbo AT 6.354.4 03/1988 JF 12V	1690
MF592, 595 Perkins A4.318	1616
MF6150 1004-4THR	1616
MF6160 1006-6	1616
MF620, 625 Perkins A6.372	1616
MF675 9TD, 10TD Perkins A4.236	1616
MF6845 Perkins 1006-6T 12/1994 JF 12V	1690
MF685	1616
MF6855 Perkins 1006-6TW 10/1993 JF 12V	1690
MF6865 Perkins 1006-6T 09/1994 JF 12V	1690
MF690 9TD, 10TD Perkins A4.248	1616
MF86, MF87, MF155, MF158, MF168, MF186, MF187, MF188, MF285, MF427, MF487, MF507, MF510, MF520, MF525	0302
MF9500 séries Perkins A6.354	1616
Pick-up c/ partida Valeo	0118
Tractors	0615
Trator 265 a partir de 04/76	0978
Trator Maxion 9110, 9130, 9150, 9170	0118 1195
Trator MF c/ partida Delco	0182
Trator MF1956	0041
Trator MF235 (PER-A 3152)	0043
Trator MF235 c/ partida Bosch até 86	0043
Trator MF235, MF250, MF275, MF285, MF290, MF296, MF3366, MF400, MF50X, MF55X, MF65R, MF65X, MF85X, MF95I	0024 1359
Trator MF265 - Perkins A4.236 3.9	1622
Trator MF265, 270, 275, 285, 290, 292, 295, 296, 400, 50X, 55X, 65R, 65X, 85X, 86, 95, 95I, (todos c/ partida Bosch)	1195
Trator MF265, MF85X, MF50X, MF55X, MF65R, MF65X, MF270, MF285, MF95, MF95i, MF400, MF296, MF296/4, MF290, MF86, MF275, MF275/4, MF292, MF295, MF295/4	0118
Trator MF275, 283, 290, 292 - Perkins P4000 4.1	1622
Trator MF3366 c/ partida Bosch	0121
Trator MF4780 (SSB-DN11)	0087
Trator MF4780 c/ motor Scania DN11	0087 0122 0133
Trator MF5275, 5285, 52902 - Perkins Série 4.41 4.1	1622
Trator MF5300, 5310 - Perkins 1004 4T 4.0	1622
Trator MF85 c/ partida MWM D226-4	0034
Trator MF95X c/ partida Wapsa de 11/71 a 08/77, MF290 RA c/ motor Perkins 4236 diesel	0024 1359
TX45	1616
Massey Ferguson	0034 0121 0122 0133 0182 0625 0649 0755 1060 1195 1359

Matador	Nº ZEN
Matador	1501
Maxion	Nº ZEN
Ideal 9075 Perkins 1006-6 09/1994 JF 12V	1690
Ideal 9090 Perkins 1006-6T 10/1993 JF 12V	1690
Ideal 9090 Perkins 1006-6TW 12/1994 JF 12V	1690
Maxion	1043
Mazda	Nº ZEN
929	0352
2200 Pick-up	9791
323 1.0, 1.3, 616, 618, 929 1.8, 929 1.8	0144
323 1.3	0361
323 1.3, 1.5 8T	0871
323 1.3, 1.5, 326 1.6, 2.0, B 1600, 2000	0352
323 1.3, 1.5, 626/EGi	0475
323 1.3, 1.5, MX 5 (Miata) 1.6, 1.8	0450
323 1.4, B 1600, 2000 LDV	0874
323 1.6	0300
626 2.0, 2.2, Turbo, B 2200 Pick-up, MX 6 2.0, 2.2, Turbo	0596
626 SL, SLX	0908
B Series Pick-ups 2.3L 2001-2006	1585
B 2000, B 2200	0450
B 2500D	1024
Capella	0144
Familia	0144
Luce	0144
Mazda	0352
Mazda 323, 626SL, SLX	0908
Mazda B 2600 modelo 1996>2002	12619
	12620
Pick-up 1000, 1.2	0144
Proseed	0144
Tribute 2.3L 2005-2006	1585
Xedos 1.6	0450
Mazda	0426
	0957
Mazda B-2000	1646
Mercedes Benz	Nº ZEN
180 D 2.5	0228
190 1.8	1619
200	0492
230	0492
260	1037
915	1038
1319	0218
1320	0218
1418	0218
1419	0218
1420	0218
1425	0218
1517	0218
1518	0218
1519	0218
1520	0218
1524	0218
1525	0218
1622	0218
1922	0920
1924	0218
1929	0218
1932	0218

Mercedes Benz	Nº ZEN
▶ 1933	0218
1934	0218
1936	0920
1938	0920
2019	0218
2053	0920
2219	0218
2220	0218
2228	0218
2233	0218
2236	0218
2238	0218
2633	0218
2636	0218
2638	0218
3231	0920
3235	0920
3240	0920
3243	0920
3333	0218
3335	0920
3353	0920
3357	0920
4148	0920
0302-0352 Otobus	0417
10 DA, 15 DA, 22 DA, 30 SA, 180DB, 190DB, L319D, L405	0028
1017, 1414, 1417, 1614, 1617, L911, L1017, L1113, L1513, L613, L911, L1113, L1313, U1000, U1200, U1300, U1450	0367
1017AF, 1017F	0367
108B, 190B	0015
1113B	0367
6 T 608	1073
7 T 709	1073
8 T 808, 809, 813	1073
9 T 911, 913	1073
10 T 1013, 1013A, 1013S, 1017, LP1013, LPK1013	1073
11 T L1113B, LKO1113B, LP1113, LPK1113, LPS1113B, OF1113	1073
12 T 1213, 1217	1073
13 T 1313	1073
14 T 1413, 1417	1073
15T 1513	1073
16 T 1613, 1617	1073
18 T 1819	1073
12 T 19, 22, 24, 26, 27, 34, 14 T 19, 22, 24, 25, 26, 27, 16 T 18, 19, 22, 24, 35, 17 T 19, 22, 26, 29, 33, 35, 48, 18T 24, 27, 31, 34, 38, 44, 50, 53, 19 T 19, 22, 24, 26, 28, 29, 35, 44, 48, 20T 24, 25, 26, 31, 35, 38, 44, 50, 2033, 2219, 2226, 2628, 2636, 22T 19, 22, 24, 25, 26, 28, 35, 38, 44, 24 T 19, 21, 22, 25, 26, 27, 29, 33, 35, 48, 25T 24, 27, 28, 31, 34, 36, 38, 44, 50, 53, 26T 26, 28, 29, 31, 35, 38, 44, 48, 50, 53, 30T 25, 28, 50, 32T 25, 28, 29, 33, 34, 35, 38, 53, 33T 28, 33, 35T 28, 35, 38, 44, 48, 50, 53, 44 T 35, O 303, O 404	0218
1215C	1038
1217AF	0367
1350, 1250, 1450, 1550, 1650, 1700, 1750, 2100, 2150	1073
1425, 1425 S	0218
632L, 1632LS, 1634LS, 1938L, 1938LS, 1938S, 1944L, 2638, 2638LK, 2638LS, OF 1722, OH 1628L, Plataformas O 400RSD e SRE de junho de 2002 a setembro 2004. O 500R, RSD e RSE. Demais aplicações com Turbo Brake, exceto Plataforma O 400 mecânico, a partir de setembro de 2004.	1205
180 B, 190 B	0015

Mercedes Benz	Nº ZEN
▶ 180 D Furgão, Pick-up	0796
180 DB, 190 DB, L319 D, L405, L406, 02319 D	0028
1831, 1831 AK, 1831L	0920
1835, 1835 AK, 1835L	0920
1840, 1840 AK, 1840L	0920
1843, 1843 AK, 1843L	0920
1848, 1848 AK, 1848L	0920
1853, 1853L	0920
1857L	0920
190 C, 200, 220, 230, 250, 280	0080
190 C, 200, 220, 230, 250, 280, 300, L408 G, 0309 B	0080
190 D 2.2, 2.5, 200 D-DT, 208D, 210 D, 250 D-DT, 300 D-DT, 308 D, 310 D, 408 D	0572
190 D, 200 D, 300 D, E 200, 250, 300 TD	0961
190 D, 200 D, TD, 250 D, TD, 208 D, 209 D, 308 D, 408 D	0572
190 E	0492
190 E, 190, 200, 230, 250, 280, L410, 0309	0857
190 E, 260 E, 300	0630
190 E, 50 NC, MAC	0365
190, 190 E, 200, 230	0482
190, 200, 230, 250, 280, L410	0857
1928, 1928L, 1933, 1933L	0920
200 D, 207 D, 209 D, 220 D, 240 D, 240 D 3.0, 240 GD, 240 TD, 300 CD, 300 D, 300 GD, 300 SD, 300 TD, 307 D, 309 D	0228
200 D, 220 D, 240 D, 240 D 3.0, 240 TD, 300 CD, 300 D, 300 SD, 300 TD, 300 Turbo, D206, DG206, L206, L306 D	0319
200 D, 220 D, 240 D, 300 D, 207 D, 209 D, 307 D, 309 D, 407 D, 409 D, 507 D	0228
200 diesel	0366
200, 208, 220, 280, 308, 350, 380, 450, 500	0108
200, 220, 230, 250, 280, 280 S, SE, SL, 115KAS	0139
200, 220, 230, 250, 280, 350	0221
200, 220, 230, 250, 280, L208, L308	0108
2025 S	0218
2028 LS	0218
2031, 2031A	0920
2033 LS	0920
2035A	0920
2036 LS	0920
2040, 2040A	0920
220 B, 220 SB, 220 SEB	0227
220, 230, 280	0307
2222, 2222B	0218
2225, 2225B	0218
2531, 2531L	0920
2535L	0920
2536A	0920
2540, 2540L	0920
2543, 2543L	0920
2548, 2548L	0920
2553, 2553L	0920
2557L	0920
2624A	0218
2628, 2628A, 2628B	0218
2631, 2631L	0920
2635, 2635L	0920
2636A	0920
2638S	0920
2640, 2640L	0920
2643, 2643L	0920

Mercedes Benz	Nº ZEN
▶ 2648, 2648L	0920
2653, 2653L	0920
2657, 2657L	0920
280E, 320E, C280, E280, E300, E320, S280, S320	1031
280S	0367
302 Otobus	0367
302 Y.M.	0105
302 Y.M.303	0308
3025 B, K	0218
3028 B, K	0218
3250A	0218
3328, 3328B	0218
3331, 3331A	0920
3336, 3336A	0218
3340, 3340A	0920
3343, 3343A	0920
3348, 3348A	0920
3850A	0218
407 D, 409 D, D206, D306, DG206, DG306, L206, L306, L407 D, 0309 D, U52-60, U600	0228
4140, 4140A	0920
4143, 4143A	0920
508DG	0367
608DG	0367
613D	0367
710, 1418R, 1720, 1720K, L 1620, LO 814 - com motores OM 364 e OM 366 em 12V	1112
712 C	1038
817, 1517 (1996 -)	1038
911B	0367
914 ano 2000	1038
915 c Accelo	0985
Actros	0920
Atego (1998 -)	1038
C180, 200 - Kompressor, 220, 230	1619
C200 diesel T, 2.2, 70KW, a partir de 05/96	1057
C200 diesel, 2.0, 55KW, de 03/93 a 08/95	1057
C200 diesel, 2.0, 65KW, a partir de 09/96	1057
C220 diesel, 2.2, 70KW, a partir de 08/93	1057
C230 Kompressor	1619
C240	0976
C240 2.6L, 2597cc 2001-2004 C32 3.2L, 3199cc 2002-2004 C320 3.2L, 3199cc 2001-2004 CLK320 3.2L, 3199cc 2001-2004 E320 3.2L, 3199cc 2001-2004 ML320 3.2L, 3199cc 2001-2003 ML350 3.7L, 3724cc 2003-2004 C32 3.2L, 3199cc 2002-2004 C320 3.2L, 3199cc 2001-2004 CLK320 3.2L, 3199cc 2001-2004 E320 3.2L, 3199cc 2001-2004 ML320 3.2L, 3199cc 2001-2003 ML350 3.7L, 3724cc 2003-2004 SLK32 3.2L, 3199cc 2002-2004 SLK320 3.2L, 3199cc 2001-2003	1485
C250 diesel Turbo, 2.5, 110KW, a partir de 09/95	1057
C280, C280 T, Modell	0976
Caminhão 1111 (OM321), 1113, 1313, 1513, 2013, 2213 (OM352) 1316, 1516, 2016, 2216 (OM352A)	0034
Caminhão 1519, 2019, 2219, 2220 (OM355-5), 1520, 2020 (OM355-5), 1524, 1525 (OM355-5A), 1924 (OM355-6), 2624, 1924A (OM355-6A), 1929 (OM355-6A), 1932 (OM355-6LA), 1933, 1934 (OM355-6LA)	0133 0122
Caminhão 712 Eletronic	0651 1197

Mercedes Benz	Nº ZEN
► Caminhão c/ motor O321H2, O321H, 321 após 12/73	0025
Caminhão MB858, MB866, MB868, MB856	0087 0133
Caminhão OM321, OM324, OM326 c/ partida MTB2	0035 0204
Caminhão/Ônibus 1214, 1218, 1414, 1418, 1614, 1618, 1621, 2215, 2216, L610(OM 352), 1113, 1313, 1316, 1513, 1516, 2013, 2016, 2213, 2216, L608D, L709D, L1319, LP1219, LP1419	1364
Caminhão/Ônibus 1214, 1218, 1414, 1418, 1614, 1618, 1621, 2215, 2216, L610(OM 352), 1113, 1313, 1316, 1513, 1516, 2013, 2016, 2213, 2216, L608D, L709D, L1319, LP1219, LP1419, 1720	0105
Caminhão/Ônibus 1519, 1524, 1525, 1924, 1924A, 1929, 1932, 1933, 1934, 2019, 2219, 2220, 2624A, 1419, 1420, 1517, 1518	0122 0133
Caminhão/Ônibus 1625,1630, 1825, 1935, 1941, 2325, O400R, O400RS, O400RSD, O400RSL (OM 449A), Plataforma e Ônibus O370 (OM355-5, 6, 6A, 6LA), O371 (OM355-5A, 6A, 6LA), O371UP (OM355-5)	0624
Caminhão/Ônibus c/ motor OM904, OM906, OM924, OM926, eletrônicos c/ partida Delco Remy 28MT (09/17 ton.)	0985
Caminhões 1938 c/ partida Delco	1205
Caminhões 1316,1513	1638
Caminhões 712C, 715, 714C, 915C, 1215, 1218EL, 1218L, 1418 EL, 1418L, 1718, 1725, 2423, 2428, Família ATEGO (1315,1418, 1518, 1718, 1725, 2425), L1318, 2423B, 2423K, L1620, Chassi de ônibus LO 914, O500M, O500U, O500R, OF 1417, OF1418, OF 1518, OF 1721, OF 1722 (Todos com motores eletrônicos 24V OM 904, OM 906, OM 924 e OM 926).	0985
Caminhões, Ônibus e Tratores	0440
Caminhões e Tratores	0378
Chassi p/ Ônibus O364, O370, O371, O371UP, OH1419, 1420, 1517, 1518, todos c/ partida KB	0122 0133 0218
Chassi p/ Ônibus OF/OH 1113, 1115, 1313, 1315, 1316, O364, O371U	0105
Ônibus c/ motor M366G	1364
Citaro 1998-	1038
Class C, E, M, S, V, CLK	1458
Classe A, A100 a partir de 05/1999	1471
Classe A - A160	1471
Classe A 160 CDI, 170 CDI	1031
Classe A, A190 a partir de 06/1999	1469
CLK 200 - Kompressor	1619
CLK 230 - Kompressor	1619
CLK 320 Coupe	0976
E 2.0, 2.3, 2.5 - 16	1619
E190 2.3	0925
E200 diesel, 2.0, 65KW, a partir de 03/97	1057
E200 Kompressor, V200 V230	1619
E220 diesel, 2.2, 70KW, a partir de 06/95	1057
E250 diesel T, 2.5, 83KW, a partir de 05/96	1057
E250 diesel, 2.5, 83KW, a partir de 06/95	1057
E250D Turbo (210) BG, GR, H, I, IS, HR, P, SLO, TR, E 250DT (210) i, E 259D Turbo (210)	1031
E270 CDI, E320 CDI	1629
E290 diesel Turbo T, 2.9, 95KW, a partir de 05/96	1057
E290 diesel Turbo, 2.9, 95KW, a partir de 01/96	1057
E420, E420 T- Modell	0630
E500, E500 Coupe	0630
E500 SEC, E500 SEC Coupe, S500	0630
E560 SEL	0630
Econic 1998-	1038
L1113	0497
L1116	0497

Mercedes Benz	Nº ZEN
► L1117	0497
L1218	1038
L1316	0497
L1317	0497
L1418	1038
L1516	0497
L1618 M	1038
L1622	1038
L1625	0622
L206, L207, L306, L307	0223
L207, L307	0361
L2325, LB2325, LK2325	0622
L2423	1038
L2635	0622
L306DG, L406DG, L407D, O309D, U52-421, U52-60, U60-421	0319
L408, L508, L608, LP808, OM314	0035
L408, L608, L1113, L1513	0301
L408DG	0367
L508D, L608D	1073
L608, L911, L1112, L1114, c/ motores OM314, OM325, OM352, OM355	0441
LA1113	0497
LA1117	0497
LG1825	0622
LP1013	0367
LP1113	0367
LP1219 c/ partida JF e motor Cummins 6BT, 5.9 lts	0497
LP1419 c/ partida JF e motor Cummins 6BT, 5.9 lts	0497
LP709	0367
LP809	0367
LP813	0367
LP913	0367
LS1625	0622
LS1630	0622
LS1935	0622
LS1941	0622
MB Otobus	0301
MB100	0925
MB100, 120, 140, 160, 180	0796
MB180D	0796
MBB Axor 1933	0985
MBL1319 c/ partida JF e motor Cummins 6BT, 5.9 lts	0497
Microônibus L608D (OM314)	0034
Motor Estacionário, Gerador, Industrial e Marítimo L408DG, L508G, L608DG, LP608, LP808, OM314, OM321, OM324, OM326, OM352, OM352A, U54, U66, U72, U80	0034
Motor Estacionário, Gerador, Industrial e Marítimo OM314, OM352, OM352A O370 (OM355-5, 6, 6A, 6LA), O371 (OM355-5A, 6A, 6LA), O371UP (OM355-5)	0122 0133 0218
Motor OM 355.5, 355.6, 355.6A, 335.6LA, 355.5 série BR400 c/ partida Delco Remy 37MT 12/24V	0624
Motor OM321 Marítimo 1959 ED	0034
Motor OM324 Marítimo 1961 ED	0034
Motor OM326 Marítimo 1963	0034
O302	0367
O303	0218
O305, O305G	0218
O307	0218
O309D	0367
O309, 1000, 1100, 1300 Turbo, 1400 Turbo, 1500, 1600 Turbo	1073
O345, O345G	0218

Mercedes Benz	Nº ZEN
► 0355	0218
0364	0218
0365	0218
0370	0218
0370, 0370R, 0370RS, 0370RSD	0218
0371R, 0371RS, 0371RSD	0218
0371U	0367
OF 1721, OH 1420, OH 1621L, OH 1623 - com motores OM 364 e OM 366 em 24V	1112
OF 1113 OM 366 09/1987 JF 12V	1690
OH 1113 OM 366 A 01/1988 JF 12V	1690
OM 314, OM 352, OM 355 desde 90	0603
OM 352, OM 366	0105
OM 447, OM 449A	0920
OM 904, 906, 924, 926	0985
Ônibus c/ partida Wapsa	0025
Ônibus LO812, 0364, 0365, 0366, 0371U	1364
Ônibus 0355 (OM355-6), 0364 (OM355-5 e 6), 0365 (OM355-5), 0370, 0371, 0371UP	0133 0624
Ônibus 0355, 0364, 0365, 0370, 0371, 0371UP	0122
Ônibus 0362, 0362A, todos c/ partida JD até 09/76	0034
Ônibus 0364 c/ motor OM352/352A	1638
Ônibus OF 1113, OH1113, 0917, a partir de 01/88	0118
S320 CDI	1629
S420	0630
S500	0630
Série 9 T-917 OM 366 A 01/1988 JF 12V	1690
Série 11 T L 1113 OM 352 01/1974 JF 12V	1691
Série 11 T L 1116 OM 352 A 08/1978 JF 12V	1691
Série 11 T L 1117 e LA 1117 OM 352 A 08/1983 JF 12V	1691
Série 11 T L 1117 OM 366 A 01/1987 JF 12V	1691
Série 11 T L 1113 OM 352 A 05/1983 JF 12V	1691
Série 12 T L 1319 OM 366 LA 01/1988 JF 12V	1691
Série 13 T L 1316 OM 352 A 06/1982, I 1317 OM 352 A 03/1983 ambos JF 12V	1691
Série 13 T L 1319 OM 366 LA 01/1987 JF 12V	1691
Série 14 T LP 1419 OM 366 LA 01/1988 JF 12V	1691
Série 15 T L 1516 OM 352 A 06/1982 JF 12V	1691
SL 500	0630
Sprinter	0925 1023 1458
Sprinter 2.3 2000, 2003	1629
Sprinter (Maxion HS Engine)	0916
Sprinter - Maxion HS 4 cil. 2.5	1635
Sprinter 208 diesel 2.3, 58-60KW, a partir de 02/95	1057
Sprinter 208D, 210D, 212D, 308D, 312D, 408D, 410D, 412D	1031 1037
Sprinter 210 diesel, 2.9, 75KW, a partir de 01/97	1057
Sprinter 212 diesel, 2.9, 90KW, a partir de 02/95	1057
Sprinter 214, 314, 414 2.3	1619
Sprinter 216, 316, 416 CDI	1629
Sprinter 308 diesel, 2.3, 58KW, a partir de 02/95	1057
Sprinter 310 diesel	0657
Sprinter 310 diesel, 2.9, 75KW, a partir de 01/97	1057
Sprinter 312 diesel, 2.9, 90KW, a partir de 02/95	1057
Sprinter 408 diesel, 2.3, 58KW, a partir de 02/95	1057
Sprinter 410 diesel, 2.9, 75KW, a partir de 01/97	1057
Sprinter 412 diesel, 2.9, 90KW, a partir de 02/95	1057
Sprinter c/ motor Maxion HS e partida Lucas	0916

Mercedes Benz	Nº ZEN
► Sprinter c/ partida Bosch	0796 0861
Still Forklifts	1180
Tratores MB1000, MB1300	0367
Turbo YM	0406
U100	0367
U1013	0367
U1200	0367
U1213	0367
U1300	0367
U1413	0367
U1500	0367
U1613	0367
U1700	0367
U800	0367
U900	0367
Unimong U650	1180
V230 TD, 2.3, 72KW, a partir de 04/96	1057
Vario 512 diesel, 2.9, 90KW, a partir de 09/96	1057
Vario 612 diesel, 2.9, 90KW, a partir de 09/96	1057
Vario 812 D	1031
Vario 0 812 diesel, 2.9, 90KW, a partir de 09/96	1057
Vito 2.0 113, 114	1619
Vito 108 D, 110 D	1031
Vito Engine D, TD	1458
Vito, V 200, V 230, Vito 113	0925
Mercedes Benz	0025 0034 0118 0133 0204 0438 0961 1037 1071 1076 1111

Mercury	Nº ZEN
Cougar LS 1989 V6 3.8 gas.	1192 1224
Cougar LS 1990 V6 3.8 gas.	1192 1224
Cougar LS 1991 V6 3.8 gas.	1192 1224
Cougar LS 1992 V6 3.8 gas.	1192 1224
Cougar XR-7 1989 V6 3.8 gas.	1192 1224
Cougar XR-7 1990 V6 3.8 gas.	1192 1224
Cougar XR-7 1993 V6 3.8 gas.	1192 1224
Cougar XR-7 1994 V6 3.8 gas.	1192 1224
Cougar XR-7 1994 V8 4.6 gas.	1199 1226
Cougar XR-7 1995 V6 3.8 gas.	1192 1224
Cougar XR-7 1995 V8 4.6 gas.	1199 1226
Cougar XR-7 1996 V6 3.8 gas.	1192 1224

Mercury	N° ZEN
▶ Cougar XR-7 1996 V8 4.6 gas.	1199 1226
Lynx XR3 1986 L4 1.9 gas.	0455
Lynx XR3 1987 L4 1.9 gas.	0455
Mariner 2.3L (140) L4 2005-2006	1585
Mercury Marine	N° ZEN
25 HP Engines	1453
30, 60 HP 4-Stroke	1453
50 HP 4-Stroke	1454
9.9, 15HP 4-Stroke 99	1453
Mercury Marine	0611 0977
Mitsubishi	N° ZEN
4D56	1024
4G15	0450
4G32	0450
4G37-64	0352
4G62	0450
4G63	0595
4G92	0450
4G93	0595
Caminhões leves, Pick-ups, Vans	1026
Canter	0887 9597
Canter 2000	9791
Canter L 300	0352
Carisma	0450
Celeste	0144 0352 0450
Celeste 1.6 c/ motor 4G5	0144
Celeste c/ motor GP 25, 30 todos c/ partida Mitsubishi MD	0450
Cherokee	0597
Colt	0144 0450
Colt 1.2 c/ motor 4G5, Colt Galant 1.8, 2.0 c/ motor 4G5	0144
E2500 diesel XA, E3000	1046 12812
Eclipse, Eclipse 2.0 T	0595
Forklift	0352
Fuso Canter 4DRS 1984, 88, 3600, 33, 4D30, 31, 32, 1998, 20, 30, 35, 4D31T, 1987	1046 12812
Galant	0144 0352
Galant 1.6 c/ motor 4G5	0144
Galant 1.6, 1.8, 2.0	0450
Galant 2.0, 2.4, 3.0	0595
Galant c/ motor GP 25, 30 c/ partida Mitsubishi MD	0450
Katana	1607
L200	1024 1563 12812
L200 2.5 4WD; D	1567
L200 diesel	1607
L200 1.6, L300 2.0 4WD	0144
L200 ano 97	1047
L300	0801 1567
L300 1.6, 1.8, 2.0, 2.4	0450
Lancer	0144

Mitsubishi	N° ZEN
▶ Lancer 1.2, 1.3, 1.5, 1.8	0450
Lancer Galant c/ motor 4G5	0144
Light Bus HA	1046 12812
Mitsubishi Canter	12658 12659 15658 15659
Mitsubishi, M1T86781ZC, 2.4L (2002) Mitsubishi, M1T86883ZC, 3.7L (2002) Mitsubishi, M1T86782ZC, 2.4L (2003) Mitsubishi, M1T86884ZC, 3.7L (2003) Mitsubishi, M0T91981ZC, 2.4L (2004/05) Mitsubishi, M0T92081ZC, 3.7L (2004)	1538
Nativa	1563
Pajero, Pajero 2.8 ano 1997	1563
Pajero 2.3 TD, 2.5 TD	1047
Pajero 2.5 TD	1567 1024
Pajero 2.6	0144
Pajero V6 à gasolina	0595
Sapporo	0144 0352
Sapporo c/ motor GP 25, 30 todos c/ partida Mitsubishi MD	0450
Sigma	0144 0595
Space Gear 2.5	1567
Space Gear 2.5 D	1024
Space Wagon 1.8 D	0144
Space Wagon 1.8, 2.0	0450
Starion	0144 0450
Starion c/ motor GP 25, 30 todos c/ partida Mitsubishi MD	0450
Trator	0144
Tredia	0352 0450
Tredia 2.0	0144 0595
Tredia c/ motor GP 25, 30 todos c/ partida Mitsubishi MD	0450
Caminhonete L200 2.5 D, 4WD	1024
Van L300 2.5 D, TD, 4X4	1024
Wheel Loader S4E	1046 12812
Mitsubishi	0577 0617 0669 0686 0806 0957 1043
Morris	N° ZEN
180, 2200, Ital 1.7	0412
1800, Ital 1.7, 18/22 Series	1188
Marina	0170
Oxford	0170
Mosa	N° ZEN
Mosa	1065
Müeller	N° ZEN
10200U/VU, 1630, 20300U, JD300, JD310, JD350, JD400, JD450, MD1020, MD1120, MD1530, MD1630, MD1830, MD2030, MD2130, MD3130, MD330, MD820, MD820VU, MD830, MD920, MD925, MD930, MD935, MD940, MD942, MD945, MD950, MD952, MD955, MD960, MD965, MD968, MD969	0304
Compactador c/ motor Cummins série C	1190

Müeller	N° ZEN
► Müeller	1195
Trator RT 62H, RT 82H, VAP 55 (MWM 229.3) a partir de 01/95	0105
Trator TR 62, RT 82 (MWM 229.3) a partir de 01/81	0496
Muirhill	N° ZEN
Muirhill	0096
MUL	N° ZEN
800CC MPFI	1503
MWM	N° ZEN
D225, D226.2, D226.3, D327.2, D327.3	0366
D225 4-6, D226 4-6, D325 4, D327 4-6, TD226 6	0367
D225, D226.2, D226.3, D327.2, D327.3	0366
Diter D302, D325, D889, D890, D900, D989	0838
Motor 3, 4, 6 cil. c/ partida Bosch JF	0624
Motor 4 cil. (Ford F1000, F4000) c/ partida Lucas	0772
Motor 6 cil. Sprint (GM Silverado) c/ partida Lucas	0991
Motor 4.10T, 6.10T c/ partida JF	0748
	1372
Motor 6.07TCA (Ford F250 a partir de 03/99) c/ partida 0.001.003.010	1022
Motor D225-6 até 07/77	0034
Motor D225-6, D229-4, D229-6, TD229-6, todos a partir de 08/77	0105
	1364
Motor D229-3 a partir de 08/85	0496
Motor D229-3, D229-4, D229-6 c/ partida Wapsa	0085
	1361
Motor D232, OM232 (Marítimo V6/V8 1970 ED e V12 T/TD 1970 ED 12 e 24V), TD232	0218
Motor D232, TD232	0133
Motores D, TD 232-6V, 8V, 12V	0122
Motores D225-3, D225-4, D229-3	0028
MWM	1111
New Holland	N° ZEN
Colheitadeira/Combine/Cosechadora 1540, 1545, 1550	0150
	0155
Colheitadeira/Combine/Cosechadora FNH 8040 (MBB-OM352), FNH 8055 (MBB-OM352A)	0105
	1364
Colheitadeira/Combine/Cosechadora FNH 8040, 8255	1638
Colheitadeira/Combine/Cosechadora TC55, TC57, TC59, a partir de 11/97	0315
Com motor de arranque Iskra	1616
Ford New Holland 2514 E 256C.I., 2610, 2810, 2910, 3910 01.91, 3230 BSD332, 3310 01.91, 3310X4 01.91, 3430, 3610, 3900, 3910, H, 3930, H, 4000, 5000 158, 175, 201, 256, 401C.I. 01.91, 4100, 4600, 201, 256, 401C.I. 01.91, 4130, H, 4610 01.91, 4630, 550, 555, 5600, 6600 201, 256, 401C.I. 01.91, 5610 01.91, 5640 Powerstar 4.4, 5700, 5900, 620 Combine 01.91, 622 Combine 01.91, 6410, 654 County, 655, A, 6610 01.91, 6710 01.91, 6810, 7000, 8000 158, 175, 201, 256, 401C.I. 01.91, 7410, 754 County, 7600, 8600 201, 256, 401C.I. 01.91, 7610, 7710 01.91, 764 County, 7700, 8700 201, 256, 401C.I. 01.91, 774 County, 7810, 7910 01.91, 8200, 8210 01.91, 8260 Powerstar 7.5, 8401, 8530, 8630, 8730, 8830, 9000, 910, 912 Speed Power 01.91, 944 County, 9600, 6700 201, 256, 401C.I. 01.91, 964 County, 9700 201, 256, 401C.I. 01.91, 974 County, BSD442, 444 01.91, M Série 7,5 09.95, NH 95 M8Y 01.96, P357, 358 01.91, Séries 10, L/Cab 01.91.- Ford New 2000, 2600, 3000, 3600, 2000, 3000, 158, 175, 201, 256, 401C.I.	1616
Ford Super Major diesel	0041
Línea TL Exitus: TL65, 75, 85, 95E MWM	1596
M122, 133, 135, 140, 1520	0096
M89 Colheitadeira/Combine/Cosechadora	0067
Motor HTA7, HTA8, TC7, TC8, TCP7, TCP8	1190

New Holland	N° ZEN
► New Holland	0150
	0649
	1059
	1195
	1196
Trator	0351
	0539
	0669
	0670
	1038
	1157
	1624
	1677
Trator 4600, 4610, 5600, 5610, 6600, 6610, 7610, c/ motor diesel 4 cil.	0024
Trator Agrícola FNH 8430, DT8630, 8830, a partir de 04/94	0648
Trator c/ partida Lucas	0150
Trator Gamalta	0315
Trator TL 75E	1157
Nissan-Datsun	N° ZEN
100NX 2.0GTi, Almera 2.0 GTi, Primera 2.0 sta.car, Sunny 2.0	0711
120Y, 1200, 1300, 140Y, 160Y	0141
200 SX	1020
210 Deluxe 1980 L4 1.4 gas.	0349
	0737
	9488
210 Deluxe 1980 L4 1.5 gas.	0349
	0737
	9488
210 Deluxe 1981 L4 1.5 gas.	0349
	0737
	9488
210 Deluxe 1982 L4 1.5 gas.	0349
	0737
	9488
210 Luxury 1982 L4 1.5 gas.	0349
	0737
	9488
210 MPG 1981 L4 1.4 gas.	0349
	0737
	9488
210 MPG 1982 L4 1.4 gas.	0349
	0737
	9488
2220 SX	0791
260, 300, Caball, E60	0144
260Z 2+2 1974 L6 2.6 gas.	0351
280Z 2+2 1975 L6 2.8 gas.	0351
280Z 2+2 1976 L6 2.8 gas.	0351
280Z 2+2 1977 L6 2.8 gas.	0351
280Z 2+2 1978 L6 2.8 gas.	0737
280Z 2+2 1978 L6 2.8 gas.	9488
280Z, 300 ZX/Turbo	0737
280Z, 300 ZX/Turbo, 300 C, Patrol 2.8, Terrano, Vanette (2.4i), Urvan, Cabstar 2.0	9488
300 C	0737
310	0791
310 Deluxe 1982 L4 1.5 gas.	0517
	0554
310 GX 1980 L4 1.4 gas.	0382
	0791
310 GX 1981 L4 1.5 gas.	0382
	0791

Nissan-Datsun	Nº ZEN
▶ 310 GX 1982 L4 1.5 gas.	0517 0554
3300, 3500	9791
A12, A15	0853
Almera	1018
Altima	0141
Bluebird	0141
Bluebird 1.6, 1.8, 1.8 Turbo	0499
Bluebird 1.6, 1.8	0351
Bluebird 2.0	0791
Cabstar	0064
Cabstar 2.0	0141 0737
CD 17	0790 9527
CD 20	0790 9527
Cedric	0141
Cedric SD 22	0448
Cherry	0141 0519 0790
Cherry 1.0, 1.3, 1.5	0517
Cherry 120A	0382
Cherry automáticos	0554
Diesel	9527
E13, E15	0517
E16	0554 0701 0793
Ebro	1174
ED30	0539
ED33	0901
Empilhadeira c/ partida Mitsubishi	0758
FD6	0901
Forklift	0429 0644 0711 0758 0790 0853 0901 1046 12812
Frontier c/ motor MWM	1168
GA13, GA15, G16	0519
GA15, GA16	0595
H20	0352
H20, Z20, Z22	0144
J13	0141
J15	0349
J18	0351
KA24E	0679 0998
L18	0352
Laurel	0141
Laurel 2.0	0499
Laurel 2.4	0351
Lift Trucks AEH Z24 Engine	1592
Lift Trucks AH A15 Engine	1592 9495

Nissan-Datsun	Nº ZEN
▶ Lift Trucks AH H20 Engine	1592
Lift Trucks APH A15 Engine	1592 9495
Lift Trucks APH A20 Engine	9495
Lift Trucks ASH A15 Engine	1592 9495
Lift Trucks ASH A20 Engine	9495
Lift Trucks CEF H20 Engine	9495
Lift Trucks CEGH Z24 Engine	1592
Lift Trucks CEH Z24 Engine	1592
Lift Trucks CPH A15 Engine	1592
Lift Trucks CPH H20 Engine	1592
Lift Trucks CPH Z24 Engine	1592
Lift Trucks CRGH H20 Engine	1592
Lift Trucks CRGH Z24 Engine	1592
Lift Trucks EGH H20 Engine	1592
Lift Trucks EH A15 Engine	1592
Lift Trucks EH H20 Engine	1592
Lift Trucks H01 A15 gas. Engine	1592
Lift Trucks H01 H20 gas.	1592
Lift Trucks H02 H20 gas.	1592
Lift Trucks H02 Z24 LPG Engine	1592
Lift Trucks KAH A15 Engine	1592
Lift Trucks KAH H20 Engine	1592
Lift Trucks KAP H20 Engine	1592
Lift Trucks KAP H25 Engine	1592
Lift Trucks KCEH H20 Engine	1592
Lift Trucks KCEH H25 Engine	1592
Lift Trucks KCH02 H20 gas. Engine	1592
Lift Trucks KCH02 H25 gas. Engine	1592
Lift Trucks KCPH A15 Engine	1592
Lift Trucks KCPH H20 Engine	1592
Lift Trucks KCUGH H20 Engine	1592
Lift Trucks KCUGH H25 Engine	1592
Lift Trucks KEGH H20 Engine	1592
Lift Trucks KEGH H25 Engine	1592
Lift Trucks KEH H20 Engine	1592
Lift Trucks KEH H25 Engine	1592
Lift Trucks KH01 A15 gas. Engine	1592
Lift Trucks KH01 H20 gas. Engine	1592
Lift Trucks KH02 H20 gas. Engine	1592
Lift Trucks KH02 H25 gas. Engine	1592
Lift Trucks KPH A15 Engine	1592
Lift Trucks KPH H20 Engine	1592
Lift Trucks KUGH H20 Engine	1592
Lift Trucks KUGH H25 Engine	1592
Lift Trucks PH01 A15 Engine	1592
Lift Trucks PH02 A15 Engine	1592
Lift Trucks RGH02 A15 Engine	1592
Lift Trucks UF03 H30 Engine	1592
Lift Trucks UGF03 H30 Engine	1592
Lift Trucks Various Models H30 Engine	1592
Lift Trucks Various Models Z24 Engine	1592
Lift Trucks YF03 H30 Engine	1592
Lift Trucks YGF03 H30 Engine	1592
Micra	0517 1011
Micra automáticos	0554

Nissan-Datsun	N° ZEN
► Nissan	0352 0376 0712 0737
Nissan c/ partida Bosch	1070
Nissan Pathfinder Modelo 1998-2002	12619 12620
Nissan Pathfinder motor 3.0 V6 gasolina	0687
Nissan Trade 2.0L DSL 1984-98	1173
Nissan Trucks 1985-2000	1174
Nissan 23300-20H00, 23300-20H12	9495
Nissan 23300-20H00, 23300-20H12 Nissan Ag	9495
Nissan Lift Trucks	9495
NX 1600	0793 1207
NX 2000	0793 1207
Patrol 2.8	0737
Patrol 2.8, 4.0	0351
Patrol 3.3 D	0790
Patrol D	0580
Patrol Pick-up	0448
Pick-up	0634 0673 0687
Pick-up Short Bed XE 1994 L4 2.4 gas.	0634
Pick-up XE 1994 L4 2.4 gas.	0634
Prairie, Prairie, 1.5	0517
Prairie 1.8	0499
Primera 1.6	0863
Primera 2.0	0791 1200
Primera 2.0, Silvia 1.8, 310	9528
Primera Berlina 2.0 P10	1062
Pulsar	0517 0519
Pulsar 1.6	0793 1207
SD33	0580
Sentra	0517 0519 0673 1020
Sentra 1.6	0793 1207
Sentra 94	1467
Sentra Classic 1991 L4 1.6 gas.	0517
Sentra Classic 1992 L4 1.6 gas.	0517
Sentra Classic 1993 L4 1.6 gas.	0517
Sentra E 1993 L4 1.6 gas.	0517
Sentra E 1994 L4 1.6 gas.	0517
Sentra GXE 1993 L4 1.6 gas.	0517
Sentra GXE 1994 L4 1.6 gas.	0517
Sentra LE 1994 L4 1.6 gas.	0517
Sentra SE 1993 L4 1.6 gas.	0517
Sentra SE 1994 L4 1.6 gas.	0517
Sentra XE 1993 L4 1.6 gas.	0517
Sentra XE 1994 L4 1.6 gas.	0517
Silvia 1.8	0791
Skyline	0141

Nissan-Datsun	N° ZEN
► Skyline Australian Bosch Electrics	0475
SR18, SR20	0711
Stanza	0790 0791 1200
Stanza 1.6, 1.8	0499
Stanza 2.0 4WD	0596
Stanza 220 SX	9528
Stanza 4WD	0791
Sunny	0141 0519 1018
Sunny 1.3, 1.4, 1.5, 1.6, 1.8	0517
Sunny 1.6i Coupé	0634
Sunny 1.7D	0790
Sunny 120Y	0349
Sunny automáticos	0554
Sunny GTI 16V	0791
Terrano	0737
Terrano 3.0	0687
Terrano II 2.7 TD	0448
Trade	0677
Tsuru	0554 0701 1467
Urvan	0737
Urvan 2.0	0499
Van	1174
Vanette	0673
Vanette 2.4i	0737
Vanette 2.0L DSL 1984-98	1173
Vanette D	0790
VG30	0687
Violet	0141
Z20	0352
Z20, Z22	0499
Z24, D21	0737
Z24, NA20	0450
Nissan-Datsun	0577 0580 0617 0957 0958

Oldsmobile	N° ZEN
Achieva S 1994 V6 3.1 gas.	0612
Achieva S 1995 V6 3.1 gas.	0612
Achieva SC 1994 V6 3.1 gas.	0612
Achieva SC 1995 V6 3.1 gas.	0612
Achieva SC 1996 V6 3.1 gas.	0783
Achieva SC 1997 V6 3.1 gas.	0783
Achieva SL 1994 V6 3.1 gas.	0612
Achieva SL 1995 V6 3.1 gas.	0612
Achieva SL 1996 V6 3.1 gas.	0783
Achieva SL 1997 V6 3.1 gas.	0783
Alero 3.4I (207) V6 2001	10003
Bravada Regional 1998 V6 4.3 gas.	0756
Ciera Crusier SL 1995 V6 3.1 gas.	0612
Ciera SL 1995 L4 2.2 gas.	0612
Ciera SL 1995 V6 3.1 gas.	0612
Ciera SL 1996 L4 2.2 gas.	0783

Oldsmobile	N° ZEN
► Ciera SL 1996 V6 3.1 gas.	0783
Cutlass GLS 1997 V6 3.1 gas.	0783
Silhouette 3.4L (207) V6 2001	10003
Oldsmobile	1070
OM	N° ZEN
BI 20, 25, BIL 10, BM 12, 15, DM 12, 15	0608
BI 20, 25, BIM 20, 25, DIM 20, Grinta 28.8, 30.8, 32.8, 35.8	0291
BM 10	0120
DI 20, 25, 30, 35, 40, 50, 70	0648
Grinta 28.8, 30.8, 32.8, 35.8	0310 0407 0601
Orione, Super Orione	0037
Opel	N° ZEN
Admiral 2.8	0108
Ascona	0013 0243
Ascona 1.2	0325
Ascona 2.0 D	0320
Ascona A	0068 0080
Ascona B D, Rekord D/E D	0320
Ascona B, C	0108
Ascona B, Manta B	0325
Ascona C	0482
Ascona C 1.6 D	0420
Ascona diesel, Ascona C20	0482
Astra	1109
Astra 1.2 16V, 1.4 16V, 1.6 16V	1619
Astra 1.7 D, Vectra, Kadett D/E 1.7 D	0420
Astra F 1.7 TD 01/1995 / 01/1998	1556
Astra G 1.8 16V	0976
Astra G Cabriolet 1.8 16V	0976
Astra G Coda Spiovente 1.8	0976
Astra G Coupe 1.8 16V	0976
Astra G Familiare 1.8 16V	0976
Astra G1.7L TD 1998	1557
Astra TD	0737
Blitz	0013
Blitz 1.9	0015 0068 0223
Blitz CF	0108
Calibra 2.0	0745
Combo 1.2, 1.4	1209
Comodore B	0108
Corsa 1.0, 1.2, 1.3	0108
Corsa 1.0, 1.4	0747
Corsa 1.0 12V, 1.2 16V, 1.4 16V, 16i	1619
Corsa 1.2, 1.4, 1.6 16 V	1209
Corsa 1.8 16V	1619
Corsa B 1.0 12V	0976
Corsa B D/TD	0737
Corsa C 1.0 12V	0976
D 1.0, 1.2	0325
Diplomat B	0108
Frontera	1109
Frontera 2.0i, 2.2 16V	0745
Frontera 2.5 TD	0997
Kadett	0013

Opel	N° ZEN
► Kadett 1.0, 1.2	0325
Kadett B, C	0013 0080
Kadett C	0243
Kadett C, D	0108
Kadett D 1.6 D	0420
Kadett diesel	0482
Kadett E	0482
Kadett E 1.5, 1.7 TD	0737
Kapitan P	0015 0223
K180	0161
Manta	0013
Manta A	0068
Manta A, B12	0325
Manta B	0108
Meriva	1619
Monza	0108
Motor 1.3 JTD 16V	1641
Omega 1.8, 2.0	0482
Omega 2.3 D, 2.3 TD	0573
Omega 2.3 TD	1630
Omega 2.5 TD, Omega 2.5 XTD, Frontera 2.5 TD	1033
Opel Corsa	1556
Rekord	0080 0108
Rekord 2.0 D, 2.1 D, 2.3 D, E 2.0 D	0320
Rekord 2.3 D, 2.3 TD	0573
Rekord B, C	0013
Rekord D	0068 0108
Rekord E D, TD	0573
Rekord P II	0015 0223
Saad 9.3	1109
Senator	0108
Senator 2.3 TD	0573
Taurus	0080
Tigra	1619
Tigra 1.4, 1.6 16V	1209
Vauxhall	1109
Vectra	1109
Vectra 1.4 16V, 1.6 16V	1619
Vectra 1.6 16V, 2.0 GLS MPFi, 2.0 GSi MPFi	1209
Vectra B 1.7 TD 09/1995	1556
Vectra B 1.8i 16V	0976
Vectra B Coda Spiovente 1.8i 16V	0976
Vectra B Familiare 1.8i 16V	0976
Vectra CD 2000	0770
Zafira 2.0 DTL 16V	1109
Opel	0362 1056 1477
Palmieri	N° ZEN
1500 GN 80, GN 95, 1800 GN 90, GN 110	0308
1500 GN 125, 140, 175, 100, 1800 GN 110, 140, 155	0087
PDA 625, 750, 1250	0638
Pegaso	N° ZEN
Camion	0378 0392

Perkins	N° ZEN
4 cil.	0150
4, 6 cil.	0024 0102 0118 0497
4, 6 cil. tipo AN 115	0439
6 cil.	0155
Maxion	0978
Maxion, 1006.6T (Trator Ideal 9075, 9090, a partir de 09/94)	0118
Maxion, GM D20 c/ partida Lucas	0826
Maxion, HSD (Maxion High Speed) GM, S10, Blazer, Ford, F1000, MB, Sprinter	0861 0916
Maxion, S4T (GM, D20, D6000 a partir de 03/92)	0118
V8-540 c/ partida Lucas desde 83	0286
Perkins, 248 (Trator CBT 8240 a partir de 01/84, Trator MF 283)	0024 0118
Perkins, 4236 A (Trator MF 275, 275/4, 290, 290/4, 275, 275/4, 283, 290/4, 292, 292 Turbo a partir de 04/76)	0024 0118
Perkins, 6.354/4 (Trator CBT 8260 4x4 a partir de 01/84)	0024 0118
Perkins AD4.203 (Trator MF 265 a partir de 04/76)	0668
Perkins, A3.152 (Trator MF 235, 265)	0043 0668
Perkins, A6.358 (Trator Ideal 9110, 9130, 9150, 9170, a partir de 08/89, Trator MF 296/4, 296, 400, a partir de 04/76)	0024 0118
Perkins, motor 4 e 6 cil. (GM, Ford, Dodge, CBT, Case c/ partida Wapsa)	0024 1359
Perkins, motor 4 e 6 cil. (MF, MF c/ partida Bosch JD)	0043 0060
Perkins, motor Industrial 3152, 4203, 4236, 6354.4, 6358 c/ partida Bosch JF	0024 0118
Perkins, motor Industrial c/ partida Wapsa	0084
Perkins, Tratores, Industriais, Estacionários	0067 0096 0121 0150 0155 0186 0302 0661 1195 1196 0668
Trator 3.152, 4.203, 4.236, 6.305, 6.354	1602
Perkins	0624 0625 0649 0755 0858 1060 1195 1359
Peugeot	N° ZEN
106	0787 0836 0965 1152
205	0570 1152
206	0787 0836
306	0915
309	1152

Peugeot	N° ZEN
▶ 404	0397 0961
405	0961 1152
604	0961
806	0787
104, 205, 404, 504, 505, J7, J9	0189
104, 504 (1.6, 1.8, 2.0) (V6), 505 (1.8, 2.0), 604 (V6), J5	0108
104, 504, 504 V6, 604 V6, J5	0108
106 1.0	0787
106 D, R11D, R9D	0630
106, 205, 206 1.1, 1.4, 1.6, 306	0976
106, 205, 305, 309, 405, 505	0482
106 D	1074
205	0787
205 1.6, 1.9, 306 1.8, 2.0, 406 1.6, 605 2.0, 806 1.8, 2.0, Boxer 2.0	0745
205 D, 305 D, 309 D, 405 D	0800
205 D, 305 D, 405 D	0646
205, 205 GTI, 305, 405, 605 Rallye	0775
205 GTI, 305, 405	0574
205, 305, 309, 405, 505	0482
205, 306, 405, 406,	0846
205, 405 diesel, 305, 309, 306 1.9 D a partir de 09/97	0800
205 XU7 4 cil. 1.6 / XUD9 4 cil. 1.9 diesel	0915
206	0787
206 1.0 16V, 1.4, 1.6, 1.6 16V	0965
206 1.9 D, 2.0 HDI, 307 2.0 HDI Partner, Ranch 1.9 D, 2.0 HDI	1576
305 D	0857
306 1.6, 1.8, 2.0, 2.0 16V	0787
306 1.8i, 1.8i 16V, 405 1.8i, a partir de 09/95	0745
306 Coda Spiovente 1.4, 1.6	0976
306 Familiare 1.4, 1.6	0976
306, 405, 405 D, 406, 806	0806
306 XND, XRD, XRDT, 405D 1.9 diesel	0706
306 XU7 4 cil. 1.6 / XUD9 4 cil. 1.9 diesel	0915
307	0775
307 1.6, SW 1.6	0976
309 II 1.1, 1.4	0976
309, 405, 504, 505, J5, J7	1187
403, 404, 504 diesel	0217
404, 504, 505	0158
404 D, 504 D	0215 0217
404 D, 504 D, 505 D, 604 TD	0460
404 D, 504 D, 505 TD, 604 TD	0365
404 diesel	0361
404, 404/8, J7, 504	0463
404 D, 504 D, 505 D Turbo, 604 D Turbo	0406
405 1.6, 1.8, 1.9, 2.0	0787
405 D, J5 D	0647
405 D	0936 1023
405 DL 1989 L4 1.9 gas.	0287 0482
405 DL 1990 L4 1.9 gas.	0287 0482
405 DL 1991 L4 1.9 gas.	0287 0482
405 FRI	0915

Peugeot	N ZEN
► 405 MI16 1989 L4 1.9 gas.	0287 0482
405 MI16 1990 L4 1.9 gas.	0287 0482
405 MI16 1991 L4 1.9 gas.	0287 0482
405 S 1989 L4 1.9 gas.	0287 0482
405 S 1990 L4 1.9 gas.	0287 0482
405 S 1991 L4 1.9 gas.	0287 0482
405 XU7 4 cil. 1.6/ XUD9 4 cil. 1.9 diesel	0915
406 1.6, 1.8, 2.0 16V	0787
406, 605, 607, 807	1643
504 2.1, 2.3 diesel	0961
504, 505 diesel	0215
504 D, 505 D, 604 TD	0461
504 D, 505 D, 604 TD, J7 D, J9 D	0216
504 D, 505 D, TD, 605 D, TD, J9 D	0530
504, 505 (XD2 Engine)	0983
504, 505 c/ motor diesel XD2	0983
504, 505 diesel c/ motor XT2 e partida Lucas Indiel	0868
504, 505 motor 2000	0741
504 D, 505 D Turbo, 604 D Turbo	0365
505 1.6, 1.8, 2.0, 2.3 D, 604 D, J9 D	0961
505 1.6, 1.8, 2.0, 2.3 diesel, 2.5 diesel	0961
505 DL 1988 L4 2.2 gas.	0287
505 DL 1989 L4 2.2 gas.	0287
505 GLS 1988 L4 2.2 gas.	0287
505 GLS 1988 V6 2.8 gas.	0108
505 GLX 1988 V6 2.8 gas.	0108
505 S 1988 L4 2.2 gas.	0287
505 S 1989 L4 2.2 gas.	0287
505 S 1989 V6 2.8 gas.	0108
505 STI 1987 V6 2.8 gas.	0108
505 STI 1988 L4 2.2 gas.	0287
505 STX 1987 V6 2.8 gas.	0108
505 STX 1988 V6 2.8 gas.	0108
505 STX 1989 V6 2.8 gas.	0108
505 SW8 1989 L4 2.2 gas.	0287
505 SW8 1990 L4 2.2 gas.	0287
505 Turbo 1989 L4 2.2 gas.	0287
505, 505 Inj.	0404
604 D, 405, 504, 505	0936
605 TD	1072
Boxer	0573 0806 0976 1642
Boxer 2.0	1037
Boxer 2.5, TD	1072
Boxer 2.8 HDI	1022 1650
Boxer Autobus 2.0 4x4	0976
Boxer Furgonato 2.0	0976
Boxer c/ motor 2.2 HDI ano 2006 em diante	1642
Boxer motor 2.5 TDI 1994 - 2002	1643
Boxer Pianale Piatto, Autotelaio 2.0	0976
Boxer XUD9 4 cil. 1.9 diesel	0915

Peugeot	N ZEN
► Expert	0806
Expert 1.8	1037
J9	0961
J9D (Karsan)	1161
Jeep	1508
Partner	1023
Partner 1.8,/ 306 1.8/2.0, 405 1.6 GL, 405 1.8i, 405 1.9 GR, SRi, 405 2.0i,/ 406 1.6/1.8 16V/2.0 16V/2.0 Turbo/ 605 2.0, 806 2.0, 806 2.0 turbo	1037
Partner Furgonato 1.1, 1.4	0976
Partner Van, Limousine	0976
Partner XU7 4 cil. 1.6	0915
Peugeot	0189 0404 0462 0574 0647 1056
Peugeot 504 diesel c/ motor XD2 a partir de 95	0771
Peugeot 504 diesel c/ motor XT2 e partida Lucas Indiel	0868
Peugeot Boxer	1025
Peugeot todos c/ motor Indenor XD4. 88	0160
Pick-up 504 diesel 1.3 ton.	0459
Piaggio	N ZEN
Porter 1.0	0999
Plymouth	N ZEN
Acclaim LE 1989 L4 2.5 gas.	0641
Acclaim LE 1990 L4 2.5 gas.	0641
Acclaim LE 1991 L4 2.5 gas.	0641
Caravelle SE 1986 L4 2.5 gas.	0532
Caravelle SE 1987 L4 2.2 gas.	0532
Caravelle SE 1987 L4 2.5 gas.	0532
Caravelle SE 1988 L4 2.2 gas.	0532
Caravelle SE 1988 L4 2.5 gas.	0532
Fury Salon 1978 L6 3.7 gas.	0495
Fury Salon 1978 V8 5.9 gas.	0495
Fury Salon 1978 V8 6.6 gas.	0495
Fury Salon 1978 V8 7.2 gas.	0495
Fury Sport 1978 L6 3.7 gas.	0495
Fury Sport 1978 V8 5.9 gas.	0495
Fury Sport 1978 V8 6.6 gas.	0495
Fury Sport Suburban 1978 V8 5.9 gas.	0495
Fury Sport Suburban 1978 V8 6.6 gas.	0495
Fury Suburban 1978 V8 5.9 gas.	0495
Fury Suburban 1978 V8 6.6 gas.	0495
Gran Fury Salon 1980 L6 3.7 gas.	0495
Gran Fury Salon 1980 V8 5.2 gas.	0495
Horizon Turismo 1987 L4 2.2 gas.	0532
Reliant LE 1986 L4 2.5 gas.	0532
Reliant LE 1987 L4 2.2 gas.	0532
Reliant LE 1987 L4 2.5 gas.	0532
Reliant LE 1988 L4 2.2 gas.	0532
Reliant LE 1988 L4 2.5 gas.	0532
Reliant LE 1989 L4 2.2 gas.	0641
Reliant LE 1989 L4 2.5 gas.	0641
Reliant SE 1986 L4 2.5 gas.	0532
Sundance America 1991 L4 2.2 gas.	0641
Sundance America 1992 L4 2.2 gas.	0641
Sundance America 1992 L4 2.5 gas.	0641
Sundance Duster 1992 L4 2.5 gas.	0641
Sundance Duster 1993 L4 2.5 gas.	0641

Plymouth		N° ZEN
▶ Sundance Duster 1994 L4 2.5 gas.		0641
Sundance RS 1991 L4 2.5 gas.		0641
Sundance S 1991 L4 2.2 gas.		0641
Sundance S 1992 L4 2.2 gas.		0641
Sundance S 1992 L4 2.5 gas.		0641
Voyager LE 1986 L4 2.2 gas.		0532
Voyager LE 1987 L4 2.2 gas.		0532
Voyager LE 1988 L4 2.5 gas.		0532
Voyager LE 1989 L4 2.5 gas.		0641
Voyager LE 1990 L4 2.5 gas.		0641
Voyager LE 1991 L4 2.5 gas.		0641
Voyager SE 1986 L4 2.2 gas.		0532
Voyager SE 1987 L4 2.2 gas.		0532
Voyager SE 1988 L4 2.5 gas.		0532
Voyager SE 1989 L4 2.5 gas.		0641
Voyager SE 1990 L4 2.5 gas.		0641
Voyager SE 1991 L4 2.5 gas.		0641
Voyager SE 1992 L4 2.5 gas.		0641
Voyager SE 1993 L4 2.5 gas.		0641
Poclain		N° ZEN
FC 30, FY 30, TC 45, TY 2P		0225
FC 30, LC 80, LY 80, MCL 84		0105
		0308
		1364
LC 80, LV 80, TC 45, TY 45		0150
RC 200, 491, 556		0087
TC45, TY2P, TY45		0366
Poclain		0067
Polaris		N° ZEN
650 - SL, STD		0749
700 - Hurricane, SL, SLH, SLT, SLTX		0749
780 - SL, SLT, SLX		0749
900 - SL		0749
1050 - SLTH, SLTX		0749
Polaris		0751
Pontiac		N° ZEN
Aztek 3.4 L(207) V6 2001		10003
Firebird Formula 1993 V8 5.7 gas.		0611
Firebird Formula 1994 V8 5.7 gas.		0611
Firebird Trans AM 1993 V8 5.7 gas.		0611
Firebird Trans AM 1994 V8 5.7 gas.		0611
Firebird Trans AM GT 1994 V8 5.7 gas.		0611
Grand AM 3.4L(207) V6 2001		10003
Grand AM GT 1994 V6 3.1 gas.		0612
Grand AM GT 1995 V6 3.1 gas.		0612
Grand AM GT 1996 V6 3.1 gas.		0783
Grand AM GT 1997 V6 3.1 gas.		0783
Grand AM GT 1998 V6 3.1 gas.		0783
Grand AM SE 1994 V6 3.1 gas.		0612
Grand AM SE 1995 V6 3.1 gas.		0612
Grand AM SE 1996 V6 3.1 gas.		0783
Grand AM SE 1997 V6 3.1 gas.		0783
Grand AM SE 1998 V6 3.1 gas.		0783
Grand Prix 3.1L (189) V6 2001		10003
Grand Prix SE 1995 V6 3.1 gas.		0612
Grand Prix SE 1996 V6 3.1 gas.		0783
Grand Prix SE 1997 V6 3.1 gas.		0783
Lemans Aerocoupe 1988 L4 1.6 gas.		0482
Lemans Aerocoupe YL 1988 L4 1.6 gas.		0482
Lemans SE 1988 L4 1.6 gas.		0482

Pontiac		N° ZEN
▶ Montana 3.4L (207) V6 2001		10003
Sunbird GT 1993 V6 3.1 gas.		0612
Sunbird LE 1993 V6 3.1 gas.		0612
Sunbird LE 1994 V6 3.1 gas.		0612
Sunbird SE 1993 V6 3.1 gas.		0612
Sunbird SE 1994 V6 3.1 gas.		0612
Sunfire GT 1995 L4 2.2 gas.		0612
Sunfire SE 1995 L4 2.2 gas.		0612
Sunfire SE 1996 L4 2.2 gas.		0783
Sunfire SE 1997 L4 2.2 gas.		0783
Pontiac		0611
		0958
Porsche		N° ZEN
190		0065
616, 33.1		0223
911 2.4, 2.7, 912, 914		0325
914		0065
		0323
924		0108
924		0798
944		0798
Puma		N° ZEN
914 4.0		1073
Caminhão 7000 série 79000 c/ motor MWM 4.10T a partir de 03/96		0748
Caminhão 900 série 914 c/ motor MWM 229.4 a partir de 09/95		0105
Ônibus Puma		1651
Puma GT c/ motor VW (a partir de 05/81)		0294
Puma GT Malzoni c/ partida Bosch		0015
Puma GT, GTS c/ motor VW 1600 até 04/81		0065
Puma GTB c/ motor GM4100 e partida Delco		0045
Reliance Trucks		N° ZEN
Reliance Trucks		0096
Remy		N° ZEN
8MT, 10MT, SD300 séries DD		0924
10MT, 22MT, 25MT, 27MT, 30MT, 35MT		0381
37MT		0888
SD300 séries DD		0381
Renault		N° ZEN
4, 6, 12 c/ motor 1.4, 1.8, 2.1		0445
4, 6, 12 c/ motor 1100		0183
19		1134
7052		0028
21 2000, R9, 11, 12, 18, RFS, 19 (1.6)		0468
210.20, 230.20, 230.26, 250, D17, D20		0392
210 Midlum dCI 6AE Euro 3		1159
21GTX		0468
Alliance DL 1983 L4 1.4 gas.		0287
Alliance DL 1984 L4 1.4 gas.		0287
Alliance DL 1985 L4 1.4 gas.		0287
Alliance DL 1985 L4 1.7 gas.		0482
Alliance DL 1986 L4 1.4 gas.		0287
Alliance DL 1986 L4 1.7 gas.		0482
Alliance DL 1987 L4 1.4 gas.		0287
Alliance L 1983 L4 1.4 gas.		0287
Alliance L 1984 L4 1.4 gas.		0287
Alliance L 1985 L4 1.4 gas.		0287
Alliance L 1985 L4 1.7 gas.		0482
Alliance L 1986 L4 1.4 gas.		0287
Alliance L 1986 L4 1.7 gas.		0482
Alliance L 1987 L4 1.4 gas.		0287

Renault	N° ZEN
▶ Alliance Limited 1983 L4 1.4 gas.	0287
Alliance Limited 1984 L4 1.4 gas.	0287
Alliance Limited 1985 L4 1.7 gas.	0482
CL3 1.6 (Argentino)	0468
Clio	0836
	0935
Clio 1.0 8V	1058
Clio 1.0, 1.0 16V, 1.6 16V	0965
Clio 1.2, 1.4	0747
Clio 1.2, 1.4, 1.6, 1.8	1209
Clio 1.6	0843
Clio 1.6 16V	1064
Clio 1.6i	1058
Clio 1.6i a partir de 07/96	0837
Clio 1.8	1209
Clio 1.9 diesel	1037
Clio c/ partida Lucas Indiel	0467
	0945
Clio c/ partida Valeo	0843
Clio C3L 1.6	0945
Clio D	1023
Clio Express c/ motor diesel, R19	0935
Clio I, II	1153
Clio II	1152
Clio II 1.9 diesel	1058
Encore Electronic 1986 L4 1.7 gas.	0482
Encore GS 1984 L4 1.4 gas.	0287
Encore GS 1985 L4 1.7 gas.	0482
Encore GS 1986 L4 1.7 gas.	0482
Encore LS 1984 L4 1.4 gas.	0287
Encore LS 1985 L4 1.4 gas.	0287
Encore LS 1985 L4 1.7 gas.	0482
Encore LS 1986 L4 1.4 gas.	0287
Encore LS 1986 L4 1.7 gas.	0482
Encore S 1984 L4 1.4 gas.	0287
Encore S 1985 L4 1.4 gas.	0287
Encore S 1985 L4 1.7 gas.	0482
Encore S 1986 L4 1.4 gas.	0287
Encore S 1986 L4 1.7 gas.	0482
Espace	0656
	0787
Espace T	0656
Espace 2.0 16V 10/1998...	0745
Estafette	0244
Estafette, Fuego, R16, R18, R20, R4, R5, R6, Rodeo, Trafic	0404
Express D	0935
	1023
Express D, R19 D, Super 5 D	0961
Fuego	0108
	0656
	1187
Fuego c/ motor 2000 (Argentino e Brasileiro)	0468
Fuego TD	0571
	0656
Fuego, R11, R18, R9, Super 5	0574
GTL, R12, R4, R5, R 6TL, R 7TL, TL, TS Turbo, TX	0325
Kangoo	1153
Kangoo 1.0, 1.0 16V, 1.2, 1.6 16V	0965
Kangoo 1.6	0843
Kangoo 1.9 diesel	1058

Renault	N° ZEN
▶ Kangoo 1.9 diesel, 48KW, a partir de 10/97	1058
Laguna 1.8, 2.0	0747
	0843
	1209
Laguna 16V	0787
Laguna D RN, RT, RXE	1162
Laguna Nevada 1.6	0843
Linea 21 2.2	0468
Logan	1674
Master	0656
	0787
	0910
	1187
Master 2.0, R 18, R 20, R 30	0108
Master 2010...	1607
Master D	0656
	0875
Master 2005 Electrónico DCi 120	1618
Megane	0747
Megane 1.6	0843
Megane 1.9 diesel	1037
	1058
Megane 2.0	1209
Megane 2.0 16V	0976
Megane 2.0 16V 03/1999...	0745
Megane Cabriolet 2.0 16V	0976
Megane Coupe 2.0 16V	0976
Megane i 2.0 16V	0976
P1000, P2000, R14GTL-GTS, R18, R18 Turbo, R20, R30	0108
P35 D	0875
Pick-up Rodeo 4 cil. 2.1 diesel	0771
R9, R11, R18, R21	0443
R9, R11	0575
R11 1.6	0843
R11 D, R5 D, R9 D	0630
R11 D, R9 D	0570
R11, R18, R18 Turbo, R9, Trafic	0482
R11, R5, R9, todos diesel	0630
R12 1.6	0843
R12 Canadá	0248
R12, R18, R4, R5, R6	0248
R14	0189
R15, R16, Estafette, R17, R20, R5, R6	0183
R15, R16, R17, R20, R5	0244
R18 D, 2.0 D	0632
R18 D, R20 D, R25 D, R30 D	0571
R18 TD, R20 TD, R21 TD, R25 TD, R30 TD	0656
R18, R20, R21, R25, R30 Turbo diesel	0656
R18 4 cil. 2.1 diesel	0771
R19	0287
	0747
	0945
R19 1.6	0843
R19 1.6i a partir de 07/96	0837
R19 1.8	1209
R19 1.9 diesel	1037
	1058
R19 c/ motor Valeo	0287
R19 D	0935
	1023

Renault	N° ZEN
► R21	1209
R21 D	1023
R4, R4 F4, R5 Turbo, R6	0325
R4, F6, R5, R6	0451
R4, F4, R5, R6	1302
R4, R5, R6	0245 1588
R4, R6, R12	0731
R4, R5, R9, R11, R18, R20, R21, R25	1187
R4F6	0926
R5 U.S.A.	0248
R5, R6	0285
R5TL, GTL, LS	0926
R5, Alpine, Turbo	0926
R9 1.6, 1.7	0843
R9, R11	0443
R12	0786
Renault	0189 0244 0404 0574 0925 0961 1023 1056
Renault Express, Extra, Rapid 1.6L DSL 1986-97	1172
Renault Master	1063 0910
Rodeo	0245
Safrane 2.0, 2.2	0775
Safrane 2.0, 2.5	0925
Safrane 2.2 I	1037
Safrane V6	0787
Sandero	1674
Scenic 1.6	0843
Scenic 2.0	1209
Scenic 2.0 16V 2003	1064
Scenic RX4 2.0 06/1999...	0745
Sport Spider 2.0 16V	0976
T35 D	0875
Trafic	0108 0248 0482 0731 1187
Trafic 1.4, 1.6, 2.0	0108
Trafic 1.4 b	0926
Trafic 1.9 diesel, 47-48KW, a partir de 11/97 c/ partida Bosch	1058
Trafic 2.2	0468
Trafic 4x4	0407
Trafic à gasolina ano 95 (5 marchas)	0786
Trafic D	0656 0875
Trafic gasolina	0787
Trafic TA12, TA52, T312, 352, todos diesel	0771
Trator R7201, R85, R87	0217
Twingo 1.0, 1.2	0965
Twingo 1.2L	1153
V.I. Mascott	1158
V.I. Midliner	1159

Renault Agri	N° ZEN
70-12 SP Perkins-4.236	1616
70-14 SP Perkins-4.236	1616
70-32 PA/PE/PS/PX Perkins-4.236	1616
70-34 PA/PE/PS/PX Perkins-4.236	1616
701-4F Perkins-4.236	1616
80-12 SP Perkins-4.248	1616
80-14 SP Perkins-4.248	1616
80-32 PA/PE/PS/PX Perkins-4.248	1616
80-34 PA/PE/PS/PX Perkins-4.248	1616
Ceres 75 2X4/4X4 Perkins-4.236	1616
Ceres 75X 2X4/4X4 Perkins-4.236	1616
Pick Up 504 c/ motor Indenor XD-4.90, XD-6.90, XD-25	0215
R 7221	0216
R 85, R 87, R 7201	0215 0217
Renault Agri	1060
Renault V.I.	N° ZEN
Commando 100	0150
D 210.20, D 230.20, D230.26, F.2100, F.2103, F.2105	0392
JP 11, 13, 19, 21	0302
Rover	N° ZEN
111, 114, 214, 216, 820	0823
111, 114, 214, 820	0822
213	0832
216	0821
216 (M79 26607)	0960
825 TD	0706
Maestro 1.3, 1.6, 2.0, 2.0 Turbo	0822 0823
Metro 1.0, 1.1, 1.3	0822 0823
Mini Cooper 1.3	0822 0823
Montego 2.0 Turbo	0822 0823
TNB176	0822
Rover	1074
Ruggerini	N° ZEN
CRD 95, 100 RD 90, 95	0366
RD 90/2, RD 95/2, RD 100/2	0318
RD, RDK, RDM, RF, RK, RM	0794
RD 180, 181, 200	1451
RF 80, 81, 88, 90, 91, 96, 99, 120, 121, 130, 140, 148	1451
Ruggerini	1065
Saab	N° ZEN
90, 900, 900 Turbo 16V, 9000	0482
900 S 1991 L4 2.1 gas.	0803
900 S 1992 L4 2.1 gas.	0803
900 S 1993 L4 2.1 gas.	0803
900 S 1994 L4 2.1 gas.	0803
900 S 1994 L4 2.3 gas.	0803
900 S 1995 L4 2.3 gas.	0803
900 S 1996 L4 2.3 gas.	0803
900 S 1997 L4 2.3 gas.	0803
900 S 1998 L4 2.3 gas.	0803
900 SE Turbo 1997 L4 2.3 gas.	0803
900 Turbo	0108 0803
9000 Aero 1993 L4 2.3 gas.	0803
9000 Aero 1994 L4 2.3 gas.	0803

Saab	N° ZEN
▶ 9000 Aero 1995 L4 2.3 gas.	0803
9000 Aero 1996 L4 2.3 gas.	0803
9000 Aero 1997 L4 2.3 gas.	0803
9000 CD 1991 L4 2.3 gas.	0803
9000 CD 1992 L4 2.3 gas.	0803
9000 CD 1993 L4 2.3 gas.	0803
9000 CD 1994 L4 2.3 gas.	0803
9000 CDE 1993 L4 2.3 gas.	0803
9000 CDE 1994 L4 2.3 gas.	0803
9000 CS 1993 L4 2.3 gas.	0803
9000 CS 1994 L4 2.3 gas.	0803
9000 CS 1995 L4 2.3 gas.	0803
9000 CS 1996 L4 2.3 gas.	0803
9000 CS 1997 L4 2.3 gas.	0803
9000 CSE 1993 L4 2.3 gas.	0803
9000 CSE 1994 L4 2.3 gas.	0803
9000 CSE Turbo 1995 L4 2.3 gas.	0803
9000 CSE Turbo 1996 L4 2.3 gas.	0803
9000 CSE Turbo 1997 L4 2.3 gas.	0803
9000 CSE Turbo 1998 L4 2.3 gas.	0803
9000 Griffin Edition 1992 L4 2.3 gas.	0803
9000 S 1990 L4 2.3 gas.	0803
9000 S 1991 L4 2.3 gas.	0803
9000 S 1992 L4 2.3 gas.	0803
9000 SPG 1991 L4 2.3 gas.	0803
95, 96, 99, 99 Turbo	0080
9-7 5.3L (325) V8 2005	10003
Coupè, 9000	0803
Marine 2G 1.6L 1977-1983	1003
Marine 2GRG 1.6L 1977-1983	1003
Marine 2J 1.9L 1977-1988	1003
Marine 2JRG 1.9L 1977-1985	1003
Marine G 0.8L 1977-1979	1003
Marine GA 0.8L 1961-1979	1003
Marine GAG 0.9L 1961-1979	1003
Same	N° ZEN
Ariete (4801 Engine), Drago 100	0105 1364
Ariete, Drago	0301
Atlanta 45, Centauro 60	0226
Aurora, Condor, Corsaro, Fox, Leopard, Panther	0447
Buffalo, Corsaro, Drago	0392
Caminhões e Tratores	0378
Drago 120, Super Drago, Taurus 60	0378
Italia 35	0223 0227
Sametto	0223 0227
Same	1073
Sanderson	N° ZEN
Sanderson	0067 0096
Santro	N° ZEN
Santro	1509
Saturn	N° ZEN
2004-01	10003
Saviem	N° ZEN
JN 75, JP 90, SC 50, SM 6	0118 0302
SM 280, 300, 320, 340	0087

Saxby	N° ZEN
Chariot PAC/VAC	0463
Scania	N° ZEN
114 C, P 124, R 124, T 124, 144	0920
Caminhão 140, 140 Super, 141 Super, 145, BR145, CR145L, CR145T, CR145X, DSI14, L142, T142	0087
Caminhão 145, BR145, CR145L, CR145T, CR145X, DSI14	0122 0133
Caminhão L, LS, LT 110 (D11), L, LS, LT 110S (DS11)	0122 0133
Caminhão L, LS, LT 111 (D11), L, LS, LT 111S (DS11)	0122
Caminhão L101, LK140, LK141, LK142, LKS140, LKS141, LKS142, R142, R142-410, T142, T142-410	0087
Caminhão LK, LKS 140 (DS14), LK, LKS 141 (DS14)	0122
Caminhão LK, LKS 142 (DS14), T e R 142 (DS14, DSC14)	0122
Caminhão P93H, P94	0367
Caminhão série 114	0920
Caminhão série K124, P124	0920
Caminhão T e R 112 (DN11, DS11, DSC11), T e R 112-310 HW, EW (DS11)	0122
Caminhão T e R 112-360 HW, EW (DSC11)	0122
Caminhão T e R 142-210 HW, EW (DSC14)	0122
Caminhões e Tratores	0378
Chassi p/ Ônibus K112, S112	0087 0122
Chassi p/ Ônibus K112, S112, BR116S	0133
Motor DN11, DS11, DS14 Industrial e Marítimo	0133
Motor DN11, DS11, DS14 Industrial, Gerador e Marítimo	0122
Motor DS 14.52, DSC 14.57, 61, 62, DSI 14.68, 69, 73, 75, 78, DS11.94, 96, 97, DCS11.56, 57	0920
Motor DSI11 R82A, DS11 R82A Marítimo c/ Turbo compressor Holset 4 LE, motor D11 Marítimo 1966 ED, motor D11 R81 Marítimo 1966/70 ED	0036
Motor p/ Gerador e Industrial DN11	0122
Ônibus BR110, B115, BR115S até 04/75	0036 0121
Ônibus BR115, BR115S, BR116, BR116S, a partir de 05/75	0087 0122 0133
Ônibus F94, L94	0367
P, R 114/340	0920
P, R 124/360	0367 0920
P, R 124/400	0367 0920
P, R 124/420	0367 0920
Plataforma p/ Ônibus S112 (DN11, DS11)	0122
R 164/480	0367
R 164/580	0367 0920
R, T 144/360	0920
R, T 144/530	0920
Série 5	1658
Scania série 4	12839
Scania	0121 0122 0133
Schanzlin	N° ZEN
Schanzlin	0228
Schluter	N° ZEN
Schluter	0067

Sea Doo	Nº ZEN
► 580, 650, 720, 110 Ano 1995	0773
GSX, GTI, GTS, GTX, HX, SP, SP1, SPX, XP	1218
Jet Ski	0655
GSX, GTI, GTS, GTX, HX, SP (c/ motor Bombardier), SP1, SPX, XP	0773
Motor de partida Especial (eixo c/ 12,8 mm) p/ modelo Sea Doo Super, Jet Ski, de 88 a 92	0655
Toda Linha 110 HP	1218
Todos os modelos exceto 951	
Sea Doo, série 800 (modelos novos)	1218
Sea Doo, Super Jet Ski (modelo c/ eixo especial 12.8mm) ano 88/92	0655
Yumbo 3944, 3945, 3960, 3961, 3964, 3965, 3980	1218
Seat	Nº ZEN
1200 Sport (1430 cc), 124, 124D, 124D Special, 127, 127 Fura, 128.3P, 131, 131L, 138, Ritmo	0120
1200 Sport, 124 D (1430), 124 D especial (1.2, 1.4), 127 (0.9), 131 L (1430), 131	0325
124 1.8, 131 E/L 1.6, 132	0389
124 Special, 127, 131, 1430, Ritmo, Terra	0325
124, 127, 128 3P, 131, 138	0120
124, 131, 132, 1430	0213
127, 127 (0.9)	0451
131 1.6, 132 1.6, 1.8	0111
131 D, 2.5 D	0601
131 E, 132, 1430 (1.6, 1.8), 124 (1.8), 131 (1.6)	0213
1500	0713
600, 600 D	0453
Alhambra 1.8 T, 2.0	1108
Alhambra 1.9 TDI	0937 1655
Alhambra 2.0	0799 1069
Arosa 1.0, 1.4L	1484
Arosa 1.4	0482
Cordoba	1632
Cordoba 1.0	0745
Cordoba 1.0, 1.4L	1484
Cordoba 1.4, 1.4 16V	0745
Cordoba 1.6	0367 0745 0799 1069
Cordoba 1.6, 1.8, 2.0	0799 1108
Cordoba 1.6, 1.9 TDI	1069
Cordoba 1.8	0799
Cordoba 1.8 16V	0799
Cordoba 1.9 D, TD	0579 0972
Cordoba 1.9 TD	0932
Cordoba 2.0	0799
Cordoba SXE 1996	0579
Cupra 4	1655
Fura	0408
Ibiza	0108 0786 1333
Ibiza 1.0	0367 0482
Ibiza 1.0 16V	0367
Ibiza 1.4	0367
Ibiza 1.4 16V	0367

Seat	Nº ZEN
► Ibiza 1.6	1108
Ibiza 1.8, 2.0	0799
Ibiza 1.9 D	0972
Ibiza 1.9 D, TD	0937
Ibiza 1.9 TD	0932
Ibiza 16V	0745
Ibiza Cupra, Sport 1.8 20V Turbo	1069
Ibiza diesel	0395
Ibiza II 1.0, 1.4L	1484
Inca 1.9 D	0932 0972
Leon 1.4, 1.6, 1.8, 1.8T	1108
Lean 1.8	1655
Lean 2.8 V6	1655
Malaga	0108 0786 1333
Panda	0408
Ritmo 65, 75	0325
Ritmo diesel	0395
Ronda	0108 0120 0786 1333
Ronda diesel	0395
Seat	0639 0797 0932 0972 1056
Stella	1632
Supermirafiori 1430	0325
Terra	0325
Terra 1.4 D	0797
Toledo 1.4, 1.6, 1.8	1108
Toledo 1.8, 2.0	0799
Toledo 1.9 TDI	0639 0932
Toledo 2.0 16V	0729
Vario 1.6	1069
Vento TDI 1.9	0937
Simit	Nº ZEN
S60	0407
Skoda	Nº ZEN
Favorit	0831
Felicia	0831 0892
Felicia 1.9 D	0932
Forman	0831
Kamyonet	0831
Octavia 1.6, 1.8, 1.8t, 2.0	1108
Octavia 1.6, 1.8, 1.9 TDI	0932
Octavia 1.9 TDI	0937
Otomobil	0831
Pick-up 1.9 D	0932
Super B 2.5 TDI	1631
Slanzi	Nº ZEN
DVA 1500, 1550, 1750, 1800, 2200, 2700	0366

Ssangyong	N° ZEN
Istana 2.3	0925
Musso 2.0, 2.3	0925
Musso 2.3, 2.5 c/ partida Bosch	0572
Musso 2.9 D	0961
Ssangyong	1037
Steyr Puch	N° ZEN
290, 650, 750	0226
3 Kanal	0028
30, 30 B, 430, 540, 540 G, 86, 30, 30 B, 430, 540, 540 G, 86	0318
586, 590, 690, 1000, 1200	0308
586, 590, 690, 1000, 1200, 980 A, 1100, 1200	0105 1364
650 A, 760 A	0101 0316
991.200, 1291.260, 1491.260	0218
Pinzgauer TD	0631
SC 6F 55	0319
Steyr Puch	0392 1071
Still	N° ZEN
Still	1071
Subaru	N° ZEN
1.8, GTi, Turbo ,4X4	1213
1800, 4X4	1213
Forester 2.0	1018
Impreza 1.8	1018 1213
Impreza 1.6/1.8/2.0 2WD,4WD	1018
Justy	0517
Justy 1.0	1018
Justy 1.2	0519
Justy DL 1987 L3 1.2 gas.	0517
Justy DL 1988 L3 1.2 gas.	0517
Justy DL 1989 L3 1.2 gas.	0517
Justy DL 1990 L3 1.2 gas.	0517
Justy DL 1991 L3 1.2 gas.	0517
Justy DL 1992 L3 1.2 gas.	0517
Justy DL 1993 L3 1.2 gas.	0517
Justy DL 1994 L3 1.2 gas.	0517
Justy GL 1987 L3 1.2 gas.	0517
Justy GL 1988 L3 1.2 gas.	0517
Justy GL 1989 L3 1.2 gas.	0517
Justy GL 1990 L3 1.2 gas.	0517
Justy GL 1991 L3 1.2 gas.	0517
Justy GL 1992 L3 1.2 gas.	0517
Justy GL 1993 L3 1.2 gas.	0517
Justy GL 1994 L3 1.2 gas.	0517
Justy RS 1989 L3 1.2 gas.	0517
Legacy 1.8 2WD	1213
Legacy 2.2	1213
Legacy 2.0, 2.2, 2.5	1018
Subaru	1018
Subaru A11	0341
Subaru c/ partida Mitsubishi	0711
Suzuki	N° ZEN
Corry	0951
Maruti	0951
Maruti- 800 Car/Van Atul Shakti 3 Wh. Anti- Clockwise 8	1530
Samurai	0450

Suzuki	N° ZEN
► Samurai à gasolina 91/92	0352
Sidekick ano 94	0450 0595
SJ 410, SJ 413	0450
Swift 1.3	0576
Vitara	0595 0617
Vitara 1.6, 1.6 16V	0450
Talbot	N° ZEN
1100, 1200	0451
1300, 1301, 1500, 1501	0183 0244
1307, 1308, 1510	0189
900, 1000	1302
Horizon D	0646 0800 0857
Horizon GT	0482
Samba	0108 0189
Solara 1.6	0482
Solara D	0800
Solara, 180, 1610	0108
Sunbeam 0.9, 1.3, 1.6	1188
Tagora D	0461 0530
Tagora TD	0460
Talbot	1056
Tata	N° ZEN
D1015 TC	1527
LPT1510	1527
LPT1613 48 CM VR 2000	1527
LPT1613 52	1527
LPT1613 CM VR 2000	1527
LPT1613 TC	1527
LPT1613 TC 48	1527
LPT1615 TC	1527
SA 1212 TC	1527
SAK 1212 TC	1527
SE 1615 TC	1527
Indica diesel	1504
Tata 713	1527
Tatra	N° ZEN
Tatra	1074
TCM Equipment Ag	N° ZEN
37 MT séries DD Starters	1013
Case, Pá Carregadeira c/ partida Delco Remy e motor Detroit 4.53	0051
Case, Pá Carregadeira	0112
Caterpillar Facet (11 dentes)	0556
Caterpillar Facet 1006L (12 dentes)	0555
EcoSport	1482
Empilhadeira Hyster c/ motor Cummins	1205
Empilhadeira Hyster XM50	0612
Ford, VW, Müller, Cummins c/ partida Delco Remy/Bosch JE (10 dentes)	1190
Forklift SD25Z1	0376
GM, Caminhão c/ motor Detroit 4.53	0051
GM, Opala, Caravan, Pick-up A C 10, 20	0045
GM, Pick-up C 10, 14, 15, Chevrolet Brasil a partir de 64	0010
GM, S10 Importada 2.2 lts.	0612
GM, Silverado Sierra c/ motor Cummins	1194

TCM Equipment Ag	Nº ZEN
▶ John Deere, Bobcat	1194
Lift Trucks FHG20N H25 Engine	1592
Lift Trucks FHG20N Z24 Engine	1592
Lift Trucks FHG25N H25 Engine	1592
Lift Trucks FHG25N Z24 Engine	1592
Lift Trucks FHG30N H25 Engine	1592
Lift Trucks FHG30N Z24 Engine	1592
	9495
Mercury Cruiser Marine	0977
Motores 28MT 24V/12V	1112
Pá Carregadeira c/ partida Delco Remy	0052
Série 28MT 12/12V	0722
Série 28MT 12/24V (Deutz, Massey Ferguson, Bobcat)	1195
Série 28MT 12/24V (MB, OM 904, 906, 924, 926 09 a 17 ton.)	0985
Série 37MT 12/24V (MB, VW, Ford)	0624
	0625
	0755
Série 37MT 12/24V (MB, VW, Ford, GMC, Cummins, Caterpillar)	0858
Série 40MT séries	0879
Série 42/50MT 12/24V	0879
	0914
	0930
	1210
Série 42MT 12/24V (Caterpillar, Cummins)	0110
Série 42MT 12D 12/24V	0117
Série 42MT 24V (Allis Chalmer)	0188
Série 42MT 24V (c/ motor Detroit)	0182
Teledyne	Nº ZEN
Teledyne	0645
	0652
Tiete	Nº ZEN
Motor Estacionário RD900, RD900L, RD950, RD950L a partir de 09/92	0323
Tigershark	Nº ZEN
Mod. 770 Twin, 900,1000 e 1100	1036
Toyota	Nº ZEN
20R	0140
2B,3B	9301
2S, 2Y, 3Y	0947
2S, 2Y, 3Y, 4Y	9186
3L	0954
3T	0184
4A, 5A, 4E, 5E	0809
4K, 5K	0841
5R, 16R, 18R	0327
Avensis 2.0	1211
	12609
Avensis 2.0 TD	1155
	1107
Bandeirantes c/ motor OM 364	1638
Camry	0947
Camry 1.8, 2.0,	9186
Camry 1.8, 2.0, 2.2i, 3.0 V6	1211
Camry 1.8, 2.0, 2.2, 2.5 V6, 3.0 V6	12609
Camry 2.0 D Turbo	1097
Camry 1991-96	1170
Carina	0947
Carina 1.4, 1.6	0184
Carina 1.4, 1.6, 2.0	0140
Carina 1.6, 2.0	0327
Carina II 1.6	0809

Toyota	Nº ZEN
▶ Carina II 1.8, 2.0	9186
Carina II 2.0i	1211
	12609
Carina 1992-96	1170
Carina E 1.6, 1.8 16V	0998
Carina, Celica, Corolla, Corona, Crown, Dyna, Hi Ace, Sprinter	0327
Carina, Celica, Corolla, Corona, Crown, FJ 60, Sprinter	0353
Celica	0947
Celica 1.4, 1.6	0184
Celica 1.4, 1.6, 2.0, 2.2, 2.3	0140
Celica 1.6, 2.0	0327
Celica 1.6 GT 16V	0809
Celica 1.8 16V	0998
Celica 2.0 GT, GTI 16V	12609
Celica 2.0 GT, 2.0 GTi, 2.0 Turbo	1211
Celica 2.0 Turbo	12609
Colt, Cressi DA, Galant	0361
Copain 1.0	0184
Corolla	0140
	0327
	0475
	0498
	0818
	0947
Corolla 1.2, 1.3, 1.4, 1.6	0184
Corolla 1.3	0809
Corolla 1.3, 1.6 8T	0874
Corolla 1.6	0809
Corolla 1.6 GTI 16V, Twin Cam, Coupe 1.6 GT 16V	0809
Corolla 1.8 D, 2.0 D	1097
Corolla 1.8, 2.0, MR 2	9186
Corolla 1993-95 diesel	1170
Corolla 2.0, 2.0 diesel	1155
Corolla 2000	0998
Corona	0184
Corona 1.4, 1.6	0184
Corona 1.4, 1.6, 1.8, 1.9, 2.0, 2.2, 2.3, 2.6	0140
Corona 1.6, 1.8, 2.0, 2.3	0327
Cressida GL (6 cyl. engine)	0361
Crown	0140
	0327
Delta Hi Ace	0327
Dyna	0140
	0947
FJ 60	0140
Hi Ace	0140
Hilux 2.5, 2.8 2006...	1562
Hilux 2.8	0954
Hilux 2.8 D	0921
	1215
Hilux	0140
	0327
	0947
	9186
Hilux 2.8 Land Cruiser diesel	0921
Hilux 3.0 SW 4	1097
L, 2L	0921
Land Cruiser	0921
	1215
Land Cruiser 3.0 TD - D-4D	1097
Lite Ace	0184

Toyota	Nº ZEN
▶ Lite-Ace 1.5 b	0809
Lite-Ace 2.0 D	1097
Mark2	0140 0327
MR 2	0947
MR-2 1.6 GT	0809
MR-2 2.0	1211
Novo Corolla 1.8i 16V a partir de 02/1999	1547
Picnic	12609
Picnic 2.0	1211
Publica	0184
RAV-4 2.0	1211 12609
RJ 7	0947
R-2 GT Turbo 2.0	12609
Sprinter	0184
Sprinter 1.6	0140 0327
Starlet	0184 0498
Starlet 1.0, 1.2	0184
Starlet 1.0, 1.2, 1.3	0809
Tagora TD	0406
Tercel	0947
Toyota Hilux 2.8	0954
Utilitário Bandeirante (MBB-OM 314) a partir de 10/76	0105 1364
Utilitário Bandeirante (MBB-OM314) até 09/76	0034
Utilitário Bandeirante c/ partida Wapsa	0025
Toyota	0025 0034 0376 0549 12609
Triumph	Nº ZEN
2000, 2500, TR 6	0412
Dolomite	0170
Spitfire	0170
Toledo	0170
Troller	Nº ZEN
T4	1550
T4 c/ motor MWM a partir de 2000	1063
TVR	Nº ZEN
3000, Vixen	0412
Vixen 1300	0280
Ursus	Nº ZEN
Ursus	1060
V.M.	Nº ZEN
C 362, C 453, C 533, R 235	0447
HR 688 H, HT	0101 0316
Vagan	Nº ZEN
Vagan	1509
Valmet	Nº ZEN
10, 11, 15, 22, 30, 35, 50DA	0028
101, 102, 103, 104SU, 1051, 1052, 1053, 1054SU, 112, 113DAN, 12.5, 15, 18, 195, 198, 20, 24, 25, 295, 298, 30, 32.5, 395SV, HR488 HT2, T1054SU	0366
103-104SU, 1051, 1052, 1053, 1054, 1056SU, 1056SV, 112-113DAN, 395SV	0312

Valmet	Nº ZEN
▶ 110 225-6 5.7	1073
110KVA, 115KVA, 125KVA, 150KVA (V1308)	0087
118 D229-6 5,9	1073
118 PID A 229-6 TV Alc. 5,9	1073
128 D229-6 VS 5,9	1073
128 4X4 D 229-6 VS	1073
128 4X4 PID A 229-6 alcool	1073
20KVA, HR392A, HR488H, HR488HT, HR488HTA, HR492A, HR492HT, HT9	0447
500, 542, 700, 900, 912, 1100	0485
505, 605, 705, 805, 905	0557
62ID, 65ID, 85ID, 110ID, 685, c/ motores MWM D 225-3, 4, 6	1076
78, 85ID, 88, 110ID, 118, 128, 138, 148, 880, 980	0105 1364
8400 620DS Turbo	1600
BF65, BF75, BM85 100, 110, 120 BL77/88, 700, 800, 900, BH140, 160, 180 12V	1600
HR492AT, HR688H, HR688HT, HR692HT	0378
HR688H, HR688HT, 885	0392
Trator	1224
Trator 110ID (MWM-D 225-6), 85ID (MWM-D 229-3) até 07/77	0028
Trator 1180, 1280, 885, 985, (todos c/ partida Lucas)	0557
Trator 62ID e 65ID (MWM-D 225-3), 68, 68 Cafeeiro, 68 Especial (MWM-D 229-3) até 07/85	0028
Trator 68, 68 Cafeeiro, 68 Especial a partir de 08/85	0496
Trator 78, 85ID, 88, 110ID, 118, 128, 138, 138/4 Turbo, 148, 880, 980, todos a partir de 08/77	0105 1364
Trator 885S, 985S, 1180S, 1380S, 1680S, c/ motor Valtra (importado)	0392
Trator 985	0378
Trator c/ motor MWM 3, 4 e 6 cil. e partida Wapsa	0085 1361
Trator c/ partida Iskra	1059
Trator série 1180 (Cummins 6B 5.9 a partir de 08/90)	0497
Valtra	1060 1600
Valtra 785	1073
Valtra (Valmet) 255, 355 320D	1600
Valtra (Valmet) 365S, 455, 656, 6100 320DS Turbo	1600
Zetor	0902
Valmet	0485
Vauxhall	Nº ZEN
Astra	0108
Astra D, Cavalier D	0420
Astra MK IV 1.8 16V	0976
Carlton	0108
Carlton D	0573
Cavalier	0108
Cavalier, Chevette, Magnum, Ventora, Victor	1188
Corsa 1.0 12V, 1.2 16V, 1.4 16V, 16i, 1.8 16V	1619
Cresta, Firenza, Magnum	0412
Magnum 1800, 2300	1188
Victor	0170
Victor FD 2000	1188
Victor FE 1800	1188
VX 1800-2300 M35	1188
Vauxhall	1056
Volga	Nº ZEN
Volga with 402 Engine	1175
Volga with 406 Engine	1176
Volga	1175

Volkswagen	Nº ZEN
11.130, 13.130, 6.90, 7.110, 7.90	1073
1200	0006
1300	0006
1600	0191
1200, 1300, 1302, 1303	0065
1200, 1300, 1500, 1600	0131
1300, 1302, 1303, Golf, Transporter	0325
1500, 1600	0192
1500 1.8	0714
Apollo c/ partida Lucas	0753
Apollo Classic	0469
Apollo GL, GLS c/ partida Bosch (AP 1.8)	0323
Beetle	1632
Beetle 1.9 TDI	0932
	0937
Beetle 2.0	0729
	1069
Bora 1.6 Variant	1108
Bora 1.6, 2.0	1108
Bora 1.9 TDI	0937
	1655
Brasília 1.3, 1.6 álcool e gasolina	0065
Brasília c/ partida Wapsa 12V de 68 a 04/81	0192
Brasília refrigerada a ar c/ partida Wapsa de 05/81 a 06/81	0294
Brasília refrigerada a ar c/ partida Wapsa, a partir de 07/81	0328
Bus Eurovan, Bus Eurovan 1.9 L	0937
Cabrio, GTD, GTI	0579
Cabriolet Carat 1991 L4 1.8 gas.	0579
Cabriolet Carat 1992 L4 1.8 gas.	0579
Cabriolet Classic 1993 L4 1.8 gas.	0579
Cabriolet Etienne Aigner 1991 L4 1.8 gas.	0579
Caddy 1.7 SDI, 1.9 D	0932
Caminhão 81	0025
Caminhão 14170, 14210, 16170, 16210H Turbo Charger, 16220H Turbo Charger, 24220, (todos Cum-6 CT 8, 3lts.), (Eq. primário)	1190
Caminhão 16200 c/ motor Cummins	0497
Caminhão 17210 c/ partida Lucas	1090
Caminhão 6.80 c/ motor Perkins	0024
	1359
Caminhão c/ motor Cummins série C, Caminhão P100501, P100502 c/ partida Delco Remy 37MT	0624
Caminhão c/ motor MWM X10	0748
	1372
Caminhão VW 13180, MWM	1090
Caminhão VW11.130, VW13.130, VW6.90, VW7.110S, VW7.90S	0105
	1364
Caminhão VW11130, VW13130 c/ partida Wapsa	0085
	1361
Caminhão VW13.210, VW14.210, VW22.210, todos c/ motor Cummins 6 cil. Turbo	1190
Caminhão VW13.210, VW14.210, VW22.210, todos c/ motor Cummins 6 cil. Turbo e partida Delco Remy 37MT	0625
	0755
Caminhão VW14.170, VW14.210, VW16.170, VW16.210	0089
	0122
	0133
Caminhão VW c/ motor Cummins B Eletrônico	1623
Caminhão c/ partida Indiel	1523
Caminhões c/ partida Prestolite	1523
Caminhões e Ônibus c/ motor MWM	1092
Caminhões e Ônibus VW 13190, 15190 e 17210 c/ motor MWM	1091

Volkswagen	Nº ZEN
► Carat	0443
Caravelle 1.9	0937
Caravelle 2.0	0799
Caravelle - Multivan 2.5 e 2.8 TDI	1655
Chassi VW7.90S, VW7.90CE, VW7.90CO, todos c/ partida Bosch JF	0105
	1364
Corrado 1.8	0799
Corrado 1.8 16V, G60	0900
Corrado SLC 1992 V6 2.8 gas.	0579
Corrado SLC 1993 V6 2.8 gas.	0579
Corrado SLC 1994 V6 2.8 gas.	0579
Corrado V6 1993 V6 2.8 gas.	0579
Corrado V6 1994 V6 2.8 gas.	0579
Dasher 1.5 D	0068
Derby	0068
Derby c/ partida Bosch (Alemã)	0482
Eurovan	0937
Eurovan Camper 1995 L5 2.5 gas.	0579
Eurovan Camper 1995 L5 2.5 gas.	0619
Eurovan Camper 1995 L5 2.5 gas.	0639
Eurovan CL 1993 L5 2.5 gas.	0579
Eurovan CL 1993 L5 2.5 gas.	0619
Eurovan CL 1993 L5 2.5 gas.	0639
Eurovan CV 1993 L5 2.5 gas.	0579
Eurovan CV 1993 L5 2.5 gas.	0619
Eurovan CV 1993 L5 2.5 gas.	0639
Eurovan CV 1994 L5 2.5 gas.	0579
Eurovan CV 1994 L5 2.5 gas.	0619
Eurovan CV 1994 L5 2.5 gas.	0639
Eurovan GL 1993 L5 2.5 gas.	0579
Eurovan GL 1993 L5 2.5 gas.	0619
Eurovan GL 1993 L5 2.5 gas.	0639
Eurovan GL 1994 L5 2.5 gas.	0579
Eurovan GL 1994 L5 2.5 gas.	0619
Eurovan GL 1994 L5 2.5 gas.	0639
Eurovan GLS 1994 L5 2.5 gas.	0579
Eurovan GLS 1994 L5 2.5 gas.	0619
Eurovan GLS 1994 L5 2.5 gas.	0639
Eurovan GLS 1995 L5 2.5 gas.	0579
Eurovan GLS 1995 L5 2.5 gas.	0619
Eurovan GLS 1995 L5 2.5 gas.	0639
Eurovan MV 1993 L5 2.5 gas.	0579
Eurovan MV 1993 L5 2.5 gas.	0619
Eurovan MV 1993 L5 2.5 gas.	0639
Eurovan MV 1994 L5 2.5 gas.	0579
Eurovan MV 1994 L5 2.5 gas.	0619
Eurovan MV 1994 L5 2.5 gas.	0639
Eurovan Transport 1995 L5 2.5 gas.	0579
Eurovan Transport 1995 L5 2.5 gas.	0619
Eurovan Transport 1995 L5 2.5 gas.	0639
Fox	0482
	1468
Fox 2003	1069
Fox GL 1987 L4 1.8 gas.	0482
Fox GL 1988 L4 1.8 gas.	0482
Fox GL 1989 L4 1.8 gas.	0482
Fox GL 1990 L4 1.8 gas.	0482
Fox GL 1991 L4 1.8 gas.	0482
Fox GL 1992 L4 1.8 gas.	0482
Fox GL 1993 L4 1.8 gas.	0482

Volkswagen	Nº ZEN
► Fox GL Sport 1989 L4 1.8 gas.	0482
Fox GL Sport 1990 L4 1.8 gas.	0482
Fox, Polo, Lupo	1534
Fusca 1.6 (mod 94)	0065
Furgão	0605
Gacel GL e GS Carat	0443
	0467
Gol	0328
	0467
	0866
	1133
	1534
Gol 1.3, 1.6 álcool e gasolina	0065
Gol 1.6 D	0866
Gol 1.8 à gasolina e a álcool c/ partida Wapsa	0293
Gol 1000 Mi AP/AT	0933
Gol AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99)	0942
Gol C, CL, GL, 1.6, 1.8, 2.0	0068
Gol C, Gol Cl, Gol Gl refrigerado a água c/ partida Wapsa	0329
Gol c/ partida Bosch (Alema)	0482
Gol G 5	1468
Gol GTI	0579
Gol GTI 16V	0745
	0925
Gol II 1.0 Mi	0933
	1222
Gol II 1.0 Mi 16V	0933
Gol II 1.0i	0108
Gol II 1.6	0108
Gol II 1.6 Mi	0942
Gol II 1.8 Mi	0866
Gol II 1.8i	0108
Gol II 2.0 Mi	0866
	0925
Gol II 2.0i	0866
Gol III 1.0 16V Turbo	1222
Gol III 1.0 Mi	0933
	1222
Gol III 1.0 Mi 16V	0933
	1222
Gol III 1.6	1177
Gol III 1.6 Mi	0925
Gol III 1.8 Mi	0925
Gol III 2.0 Mi	0925
Gol III	0866
Gol refrigerado a ar c/ partida Wapsa a partir de 07/81	0328
Gol refrigerado a ar c/ partida Wapsa de 05/81 a 06/81	0294
Golf	0068
	0323
	0482
	0933
	1468
Golf 2005 a 2009	1632
Golf Turbo diesel	0619
Golf 1.1, 1.3	0068
Golf 1.1, 1.3 c/ partida Bosch (Alema)	0482
Golf 1.5 D	0323
Golf 1.6	1534
Golf 1.6, 1.8, diesel	0579

Volkswagen	Nº ZEN
► Golf 1.8	0729
	0799
	0900
	1069
Golf 1.8 4 Motion	1069
Golf 1.8, Golf III 1.9 TDI	0932
Golf 1.9 TDI	1655
Golf 2.0	1069
Golf 2.0 ano 2001	0937
Golf 2.8	0972
Golf 2001	0932
Golf Custom 1985 L4 1.8 gas.	0323
Golf Custom 1986 L4 1.8 gas.	0323
Golf D	0323
	0579
	0619
Golf GL 1987 L4 1.6 diesel	0579
Golf GL 1987 L4 1.8 gas.	0323
Golf GL 1988 L4 1.6 diesel	0579
Golf GL 1988 L4 1.8 gas.	0323
Golf GL 1989 L4 1.8 gas.	0323
Golf GL 1989 L4 1.8 gas.	0579
Golf GL 1990 L4 1.8 gas.	0323
Golf GL 1990 L4 1.8 gas.	0579
Golf GL 1991 L4 1.8 gas.	0323
Golf GL 1991 L4 1.8 gas.	0579
Golf GL 1992 L4 1.8 gas.	0799
Golf GT 1987 L4 1.8 gas.	0323
Golf GT 1988 L4 1.8 gas.	0323
Golf GTI 16V	0925
Golf GTI 16-Valve 1987 L4 1.8 gas.	0323
Golf GTI 16-Valve 1988 L4 1.8 gas.	0323
Golf GTI 16-Valve 1989 L4 1.8 gas.	0323
Golf GTI 16-Valve 1989 L4 1.8 gas.	0579
Golf GTI 1985 L4 1.8 gas.	0323
Golf GTI 1986 L4 1.8 gas.	0323
Golf GTI 1987 L4 1.8 gas.	0323
Golf GTI 2.0	0799
Golf GTI 8-Valve 1990 L4 1.8 gas.	0323
Golf GTI 8-Valve 1990 L4 1.8 gas.	0579
Golf GTI 8-Valve 1991 L4 1.8 gas.	0323
Golf GTI 8-Valve 1991 L4 1.8 gas.	0579
Golf GTI 8-Valve 1992 L4 1.8 gas.	0799
Golf GTI VR6 1995 V6 2.8 gas.	0579
Golf II 1.8	0799
Golf III 1.6, 1.8, 2.0	0799
Golf III 1.8	0799
Golf III 1.9 TDI	0937
Golf III 2.0 Syncro	0729
Golf IV 1.4, 1.6, 1.8, 2.0	1108
Golf IV 1.4, 1.6, 1.8, 2.0 Variant	1108
Golf IV 1.8	0729
	1069
Golf IV 1.8 GTI	1069
	1108
Golf IV 1.8 GTI Turbo	1069
	1108
Golf IV 1.8 Motion	1069
Golf IV 1.8 Variant	1069
Golf IV 2.0	1069

Volkswagen	Nº ZEN
▶ Golf IV 2.0 Variant	1069
Golf Jetta	0065
Golf TD, Jetta TD	0406
IM1200, IM127, IM1300, IM1302, IM1303, IM1500, IM1600, IM181, IM411, IM412	0323
Jetta	0068 0323 0482 1632
Jetta 1.1, 1.3, 1.7 (USA)	0068
Jetta 1.3 c/ partida Bosch (Alemã)	0482
Jetta 1.8, 2.0	0799
Jetta 1.8, diesel, INJ, TD	0579
Jetta Carat 1988 L4 1.8 gas.	0579
Jetta Carat 1989 L4 1.8 gas.	0579
Jetta Carat 1990 L4 1.8 gas.	0579
Jetta Carat 1991 L4 1.8 gas.	0799
Jetta Carat 1992 L4 1.8 gas.	0799
Jetta D, TD	0579 0619
Jetta Deluxe 1981 L4 1.6 diesel	0406
Jetta Deluxe 1981 L4 1.7 gas.	0323
Jetta Deluxe 1982 L4 1.6 diesel	0406
Jetta Deluxe 1982 L4 1.7 gas.	0323
Jetta Deluxe 1983 L4 1.6 diesel	0406
Jetta Deluxe 1983 L4 1.7 gas.	0323
Jetta Deluxe 1984 L4 1.6 diesel	0579
Jetta Deluxe 1984 L4 1.6 diesel	0619
Jetta Deluxe 1984 L4 1.7 gas.	0323
Jetta Deluxe 1984 L4 1.8 gas.	0323
Jetta Deluxe 1985 L4 1.6 diesel	0579
Jetta Deluxe 1985 L4 1.6 diesel	0619
Jetta Deluxe 1985 L4 1.8 gas.	0323
Jetta Deluxe 1986 L4 1.6 diesel	0579
Jetta Deluxe 1986 L4 1.6 diesel	0619
Jetta Deluxe 1986 L4 1.8 gas.	0323
Jetta Deluxe 1987 L4 1.8 gas.	0323
Jetta Deluxe 1987 L4 1.8 gas.	0579
Jetta GL 1986 L4 1.6 diesel	0579
Jetta GL 1986 L4 1.6 diesel	0619
Jetta GL 1988 L4 1.8 gas.	0579
Jetta GL 1989 L4 1.6 diesel	0579
Jetta GL 1989 L4 1.6 diesel	0619
Jetta GL 1989 L4 1.8 gas.	0579
Jetta GL 1990 L4 1.6 diesel	0579
Jetta GL 1990 L4 1.6 diesel	0619
Jetta GL 1990 L4 1.8 gas.	0579
Jetta GL 1991 L4 1.6 diesel	0579
Jetta GL 1991 L4 1.6 diesel	0619
Jetta GL 1991 L4 1.8 gas.	0799
Jetta GL 1992 L4 1.6 diesel	0579
Jetta GL 1992 L4 1.6 diesel	0619
Jetta GL 1992 L4 1.8 gas.	0799
Jetta GLI 16-Valve 1987 L4 1.8 gas.	0323
Jetta GLI 16-Valve 1987 L4 1.8 gas.	0579
Jetta GLI 16-Valve 1988 L4 1.8 gas.	0579
Jetta GLI 16-Valve 1989 L4 1.8 gas.	0579
Jetta GLI 1985 L4 1.8 gas.	0323
Jetta GLI 1986 L4 1.8 gas.	0323
Jetta GLI 1987 L4 1.8 gas.	0323

Volkswagen	Nº ZEN
▶ Jetta GLI 1987 L4 1.8 gas.	0579
Jetta GLI 1988 L4 1.8 gas.	0579
Jetta GLX 1995 V6 2.8 gas.	0579
Jetta III GLX 1994 V6 2.8 gas.	0579
Jetta III GLX 1995 V6 2.8 gas.	0579
Jetta Sport 1987 L4 1.8 gas.	0323
Jetta Sport 1987 L4 1.8 gas.	0579
Jetta Turbo, diesel	0619
Karmann-Ghia c/ partida Bosch 12V, de 68 a 72	0191
Karmann-Ghia c/ partida Bosch 6V	0006
Karmann-Ghia c/ partida Wapsa 12V a partir de 68	0192
Karmann-Ghia TC 1600	0065
Kombi	0068 0328 0605
Kombi 1.2 c/ partida Bosch 6V	0006
Kombi 1.2, 1.3, 1.5 c/ partida Bosch 12V, de 68 a 72	0191
Kombi 1.2, 1.3, 1.5 c/ partida Wapsa 12V de 68 a 04/81	0192
Kombi 1.5, 1.6	0065
Kombi ano 98 refrigerada água	0989
Kombi c/ motor Passat diesel	0348
Kombi c/ partida Bosch (alemã)	0482
Kombi refrigerada a ar c/ partida Wapsa de 05/81 a 06/81	0294
Kombi refrigerada a ar c/ partida Wapsa, a partir de 07/81	0328
Logus após 93	0729
Logus c/ partida Lucas	0753
LT 28 D, 31 D, 35 D	0101 0378
LT 28, 31, 35, 40	0851
LT 28, 31, 35, 40, 45, 50 (2.4 Engine)	0857
LT diesel	0228
LT diesel/TD, 4x4	0631
LT TD	0844
LT28, LT31, LT35	0392
LT28, LT31, LT35 D	0378
LT28, LT31, LT35, LT40, LT45	0108
LT28, LT31, LT35, LT40, LT45, LT50	0857
LT28, LT31, LT35, LT40, LT45, LT50 D	0228
LT28, LT31, LT35, LT40, LT45, LT50 D Turbo	0631
Lupo 1.0, 1.4L	1484
Multivan	0937
New Beetle	0932
New Beetle 1.8, 2.0	1108
Ônibus c/ motor Cummins 6B Eletrônico 5.9	1604
Ônibus 16210 c/ motor MWM, Ônibus 17210 c/ motor MWM, Ônibus 17220 c/ motor MWM	1092
Parati	0866
Parati 1.5, 1.6 C, CL, GL	0068
Parati 97	0933
Parati AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99)	0942
Parati C, CL, GL refrigerada a água c/ partida Wapsa	0329
Parati c/ partida Lucas	0860
Parati GLS, Passat GTS Pointer 1.8 5 cil. a álcool	0108
Parati G4 e G5 c/ partida Delco	1534
Parati III 1.0 MI 16V	1222
Parati III 1.0 MI 16V Turbo	1222
Parati III 1.6	1177
Parati III 1.8 MI, 2.0 MI	1223

Volkswagen	Nº ZEN
▶ Passat	0068 0329 0482 0937
Passat 1.3, D 1.5, 1.5, 1.6	0068
Passat 1.5, 1.6, GTS Pointer refrigerado a água c/ partida Wapsa	0329
Passat 1.6 D, 1.9 D, TD	0639
Passat 1.6, 1.8, 2.0	0799
Passat 1.6, 1.8 c/ partida Bosch (Alemã)	0482
Passat 1.6, 2.0	0900
Passat 1.6	0323
Passat 1.8	0900
Passat 1.8 Syncro	0729
Passat 1.9 TDI	0972
Passat 2.5 TDI	1631
Passat 5	0108
Passat Alemão	0729 0799 0925
Passat D, TD, Santana D, TD	0420
Passat GLS 1993 V6 2.8 gas.	0579
Passat GLX 1993 V6 2.8 gas.	0579
Passat GLX 1994 V6 2.8 gas.	0579
Passat GLX 1995 V6 2.8 gas.	0579
Passat GLX 1996 V6 2.8 gas.	0579
Passat GLX VR6 1995 V6 2.8 gas.	0579
Passat TDI 1996 L4 1.9 diesel	0579
Passat, D Turbo	0420
Passat, LT	0925
Pick-up	0605
Pick-up 1.2, 1.3, 1.5 c/ partida Bosch 12V, de 68 a 72	0191
Pick-up 1.2, 1.3, 1.5 c/ partida Wapsa 12V, de 68 a 04/81	0192
Pick-up 1.5, 1.6	0065
Pick-up 1.6	0068
Pointer	0639
Pointer 1.8 e 2.0 lts. c/ motor Audi 827	0860
Polo	0068 0482 0639 1468
Polo 1.0 16V	1069
Polo 1.0, 1.3 diesel c/ partida Bosch (Alemã)	0482
Polo 1.0, 1.4L	1484
Polo 1.4 D	0797
Polo 1.6	1069
Polo 1.6, 1.8	1108
Polo 1.7, 1.9 SDI	0932
Polo 1.9 D	0972
Polo 1.9 TDI	0937
Polo 2.0	1069
Polo Classic	0729
Polo Classic 2.0 c/ partida Lucas	0860
Quantum 1.8 MI, 2.0 MI	1223
Quantum Custom 1982 L4 1.7 gas.	0068
Quantum Custom 1982 L4 1.7 gas.	0482
Quantum Custom 1983 L4 1.6 diesel	0420
Quantum Custom 1983 L4 1.7 gas.	0068
Quantum Custom 1983 L4 1.7 gas.	0482
Quantum Custom 1983 L5 2.2 gas.	0482
Quantum DLX 1982 L4 1.6 diesel	0420

Volkswagen	Nº ZEN
▶ Quantum DLX 1982 L4 1.7 gas.	0068
Quantum DLX 1982 L4 1.7 gas.	0482
Quantum DLX 1983 L4 1.6 diesel	0420
Quantum DLX 1983 L4 1.7 gas.	0068
Quantum DLX 1983 L4 1.7 gas.	0482
Quantum DLX 1983 L5 2.2 gas.	0482
Quantum DLX 1985 L4 1.8 gas.	0482
Quantum DLX 1986 L5 2.2 gas.	0482
Quantum DLX 1987 L5 2.2 gas.	0482
Quantum GL 1988 L5 2.2 gas.	0482
Quantum GL Custom 1984 L4 1.6 diesel	0420
Quantum GL Custom 1984 L5 2.2 gas.	0482
Quantum GL Custom 1985 L4 1.6 diesel	0420
Quantum GL Custom 1985 L5 2.2 gas.	0482
Quantum GL Custom 1986 L5 2.2 gas.	0482
Quantum GL Custom 1987 L5 2.2 gas.	0482
Quantum GL Deluxe 1984 L4 1.6 diesel	0420
Quantum GL Deluxe 1984 L5 2.2 gas.	0482
Quantum Mi 1.8, 2.0, Quantum Mi 1.8, 2.0 c/ câmbio automático	0866
Quantum Syncro 1986 L5 2.2 gas.	0482
Quantum Syncro 1987 L5 2.2 gas.	0482
Quantum Syncro 1988 L5 2.2 gas.	0482
Rabbit 1.7	0068
Rabbit Custom 1981 L4 1.6 diesel	0406
Rabbit Custom 1981 L4 1.7 gas.	0323
Rabbit Custom 1982 L4 1.6 diesel	0406
Rabbit Custom 1982 L4 1.7 gas.	0323
Rabbit Custom 1983 L4 1.6 diesel	0406
Rabbit Custom 1983 L4 1.7 gas.	0323
Rabbit Deluxe 1981 L4 1.6 diesel	0406
Rabbit Deluxe 1981 L4 1.7 gas.	0323
Rabbit Deluxe 1982 L4 1.6 diesel	0406
Rabbit Deluxe 1982 L4 1.7 gas.	0323
Rabbit Deluxe 1983 L4 1.6 diesel	0406
Rabbit Deluxe 1983 L4 1.7 gas.	0323
Rabbit diesel	0323
Rabbit GL Custom 1984 L4 1.7 gas.	0323
Rabbit GL DLX 1983 L4 1.6 diesel	0406
Rabbit GL DLX 1983 L4 1.7 gas.	0323
Rabbit GTI Sport 1984 L4 1.8 gas.	0323
Rabbit L 1983 L4 1.6 diesel	0406
Rabbit L 1983 L4 1.7 gas.	0323
Rabbit L 1984 L4 1.6 diesel	0406
Rabbit L 1984 L4 1.6 diesel	0579
Rabbit L 1984 L4 1.6 diesel	0619
Rabbit L 1984 L4 1.7 gas.	0323
Rabbit L Custom 1981 L4 1.6 diesel	0406
Rabbit L Custom 1981 L4 1.7 gas.	0323
Rabbit L Custom 1982 L4 1.6 diesel	0406
Rabbit L Custom 1982 L4 1.7 gas.	0323
Rabbit LS Custom 1983 L4 1.6 diesel	0406
Rabbit LS Custom 1983 L4 1.7 gas.	0323
Rabbit LS Deluxe 1981 L4 1.6 diesel	0406
Rabbit LS Deluxe 1981 L4 1.7 gas.	0323
Rabbit LS Deluxe 1982 L4 1.6 diesel	0406
Rabbit LS Deluxe 1982 L4 1.7 gas.	0323
Rabbit S Sport 1981 L4 1.7 gas.	0323
Rabbit Sport 1981 L4 1.7 gas.	0323
Rabbit Sport 1982 L4 1.7 gas.	0323
Santana	0467

Volkswagen	Nº ZEN
► Santana 1.8 à gasolina e a álcool c/ partida Wapsa	0293
Santana 1.8 Mi, 2.0 Mi	1223
Santana 5	0108
Santana c/ partida Bosch (Alemã)	0482
Santana D Turbo	0420
Santana Mi 1996	0866
Santana, Quantum 1.8, 2.0 CL, GL, GLS	0108
Saveiro	0866 1534
Saveiro diesel	0348
Saveiro 1.6 álcool e gasolina	0065
Saveiro 1.6 CL, GL	0068
Saveiro AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99)	0942
Saveiro CL, GL, refrigerado a água c/ partida Wapsa	0329
Saveiro III 1.6	1177
Saveiro III 1.8 Mi, 2.0 Mi	1223
Saveiro refrigerado a ar c/ partida Wapsa de 05/81 a 06/81	0294
Saveiro refrigerado a ar c/ partida Wapsa, a partir de 07/81	0328
Scirocco	0323 0482
Scirocco (1.3), 9 Dis	0068
Scirocco 1.1, 1.3, 1.6, 1.7 (USA)	0068
Scirocco 16-Valve 1987 L4 1.8 gas.	0323
Scirocco 16-Valve 1988 L4 1.8 gas.	0579
Scirocco c/ partida Bosch (Alemã)	0482
Scirocco DLX 1981 L4 1.7 gas.	0323
Scirocco DLX 1982 L4 1.7 gas.	0323
Scirocco DLX 1983 L4 1.7 gas.	0323
Scirocco DLX 1984 L4 1.8 gas.	0323
Scirocco DLX 1985 L4 1.8 gas.	0323
Scirocco DLX 1986 L4 1.8 gas.	0323
Scirocco DLX 1987 L4 1.8 gas.	0323
Sedan (Fusca) 1.2 c/ partida Bosch 6V	0006
Sedan 1.2, 1.3, 1.5 c/ partida Bosch 12V, de 68 a 72	0191
Sedan 1.2, 1.3, 1.5 c/ partida Wapsa 12V, de 68 a 04/81	0192
Sedan 1.3, 1.6 álcool e gasolina	0065
Sedan 1.3, 1.5, 1.6 refrigerado a ar c/ partida Wapsa de 05/81 a 06/81	0294
Sedan 1.3, 1.5, 1.6 refrigerado a ar c/ partida Wapsa, a partir de 07/81	0328
Série 12T 12.180 6.10 TCA 06/1999 A 02/2000 JF 12V	1691
Série 13T 130 6BTAA 10/2001 e 13.170 6BTAA 03/00 a 10/2001 JF 12V	1691
Série 14T 14.170 BT 6BTAA 06/1997 - 02/2000 JF 12V	1691
Série 16T 16.200 BT 6BTAA 10/1997 - 02/2000 JF 12V	1691
Série 17T 17.210 BT 6BTAA 01/2000 JF 12V	1691
Senda	0467 0866
Senda diesel	0348
Senda Saveiro	1133
Sharan 1.8T, 2.0	1108
Sharan 1.9 TDI	0937 1655
Sharan 2.8 V6	0932 0972
Sincro	0579
Syncro 4 Motion	1631
SP1, SP2, TC1600, TL1600	0065
SP1, SP2, TC1600, TL1600 c/ partida Bosch 12V, de 68 a 72	0191
SP1, SP2, TC1600, TL1600 c/ partida Wapsa 12V a partir de 68	0192
SP2 c/ partida Wapsa 12V de 68 a 04/81	0192
Station Wagon 1.6 diesel (USA) c/ partida Bosch (Alemã)	0482

Volkswagen	Nº ZEN
► Taro	0921 1215
Ters FRZ	0933
Titan	1523
TL 2.4 diesel	0851
Transporter	0065
Transporter 1.3, 1.7, 1.8	0323
Transporter 1.5, 1.6	0131
Transporter 1.6 diesel c/ partida Bosch (Alemã)	0482
Transporter 1.6, 1.9, 2.0	0229
Transporter 1.8, 2.0	0900
Transporter 2.0	1108
Transporter 2.5 TDI	0579
Transporter D	0428
Transporter D, TD	0613
Transporter Ters FRZ	0131
Trucks	1523
Vanagon Bus 1986 H4 2.1 gas.	0229
Vanagon Campmobile 1982 L4 1.6 diesel	0428
Vanagon Campmobile 1982 L4 1.6 diesel	0613
Vanagon Campmobile 1983 H4 1.9 gas.	0229
Vanagon Campmobile 1983 L4 1.6 diesel	0428
Vanagon Campmobile 1983 L4 1.6 diesel	0613
Vanagon Campmobile 1984 H4 1.9 gas.	0229
Vanagon Campmobile 1985 H4 1.9 gas.	0229
Vanagon Campmobile 1986 H4 2.1 gas.	0229
Vanagon Kombi 1984 H4 1.9 gas.	0229
Vanagon Kombi 1985 H4 1.9 gas.	0229
Vanagon Kombi 1986 H4 2.1 gas.	0229
Variant c/ partida Bosch 12V (de 68 a 72)	0191
Variant I, II	0065
Variant todos c/ partida Wapsa 12V a partir de 68	0192
Vento 1.6	0745
Vento 1.8, 2.0	0799
Vento 1.9 D, TD	0932
Vento 1.9 TD	0639
Vento 1.9 TDI	0937 0972
Volks Bus c/ motor MWM e partida JF	0748 1372
Volkswagen M100R 24V	1092
Voyage 1.5, 1.6 CL, GL	0068
Voyage C, CL, GL, refrigerado a água c/ partida Wapsa	0329
Voyage c/ partida Bosch (Alemã)	0482
Voyage GLS, Saveiro 1.8 álcool e gasolina	0108
VW	0639 0797 0972
VW 26260	1661
VW LT 28 SDI, LT 35 SDI, LT 46 SDI	1480
VW Titan c/ motor Cummins C	1603
Wesfalia	0229
Volkswagen	0006 0049 0050 0070 0077 0191 0192 0294 0329 1190 1361

Volvo	Nº ZEN
100.100, 100.200, 121, 122, 123, 144, 210, 221, AQ90, AQ95, C303, C304, C306, P1800S	0227
106SU-MH 11, 114 Dan, 1154 Dans, 1154M 12.8, 1156 Dans, 1156M 12.8, 116 Dan, 50KVA, 70KVA	0367
121, 122, 140, 142, 144, 145	0080
121,122 partida Bosch 58/64	0015
140, 142, 144, 160, 164, 240, 260, 340, 360, 760	0108
2250, F406, 407, 2250	0418
240 2.4 D, 740 2.4 D, 760 2.4 TD	0631
240 D, 740 D/TD, 760 TD, 780 TD	0631
240 D, 740 TD	1200
240 D, 740 TD, 940 TD	0844
240 D5, 240 D6, 760 Turbo diesel	0228
240 séries 2.4L, 2383cc (D24) 1985	9702
240, 260, 340, 360	0537
345	1187
406, 407, F82, F83S	0118
440, 460, 480, S40, V40	1209
440TD, 460TD	1023
66	0244
740 2.0, 2.2, 2.3	0482
740 séries 2.4L, 2383cc (D24T) 1985-1986	9702
760 séries 2.4L, 2383cc (D24, D24T) 1985	9702
850 2.0, 2.3, 2.5, 2.5 T, C70, S70, V70 (2.0 T, 2.3, 2.5), S40, V40	0925
B6 série, DR860-861, F84-85-86-87, FL4 série, LM1240, LM641, LM841, LM845, LM846, SM880, T650, T800, T810, T814, VHK118	0367
Caminhão 121, 122, 140, 142, 144, 145, 164, 221, 222, 1800	0080
Caminhão B10M, R, B58, 59, T, F10, F88, FB88, G88.T, N, NB88TS, N10, N12, NL10210, NL10340, NL12400	0087
Caminhão NL10-210, NL10-340, NL12-400, N10, N12	0122 0133
Chassi p/ Ônibus B10M, B58E	0087 0122 0133
Diesel	9566
DR860, DR860T, LM840, S950, LM1240, SM868, T800, T810, T814, VHK116, VHK118, VHK310	0035
F2250, F406, F407	0418
F406, 407, 408, 409, 613, 616, LM 621, 641, 841, 845, 846	0367
F406, 407, F82 S, 83 S	0118 0302
FH	1661
FH12 1993, FH12 1995	0089
FL180, 220, 250	1179
FL7 1991	0089
FM	1661
FM 1998	1160
FM12 1998	0089
FS7 1994-1996	0089
Motor Marine/Estacionário c/ motor Indenor XDP 4.90 e 6.90	0216
S40	0787
VM 17, VM 23, ambos c/ motor MWM	1092
Yavuz Kamyon	0367
Volvo	0218 0244 0302 0308 0925 1056

Volvo Penta	Nº ZEN
Volvo Penta	0111
Wapsa	Nº ZEN
Maverick 8 cil. até 12/75	0071
Waukesha	Nº ZEN
Waukesha	0624 0626 0858
Willys	Nº ZEN
Aero Willys até 05/70	0005
Itamaraty até 05/70	0005
Itamaraty todos a partir de 06/70	0056
Jeep até 05/70	0005
Jeep todos a partir de 06/70	0056
Linha Willys c/ partida Autolite	1216
Linha Willys c/ partida Autolite de 52 a 61	0032
Pick-up	0104 0115
Pick-up após 94	0806
Pick-up até 05/70	0005
Rural	0115
Rural até 05/70	0005
Rural c/ motor 4 cil.	0104
Rural todos a partir de 06/70	0056
Utilitário Jeep	0104 0115
Utilitário Jeep de 69 a 71 c/ partida Delco Remy	0020
Utilitário Jeep, todos c/ motor Georgia	0082
Yale	Nº ZEN
51C/P (Ford 6 cyl.), 83A (GM 6 cyl.)	0193
Forklifts	9791
Empilhadeira 51CP, 51P, c/ motor Ford 6 cil.	0193
Empilhadeira 83A c/ motor GM 6 cil.	0193
Empilhadeira	0818
Yale	0957
Yamaha	Nº ZEN
1100 - Wave Raider, Venture	0749
1200, 1200R - GP, XL Wave Runner	0749
650 - I, II, LX, Super Jet, VXR, VXRPRO, XR	0749
700, 701 Wave Blaster, FX1 Raider, Runner, Super Jet, Venture, VXR	0749
760 - Wave Blaster II, GP, Raider, Runner	0749
LX500	0754
Yanmar	Nº ZEN
BTD22, 33, 1050 D	0118
Micro Trator	1030
Micro Trator 1030	0108
Micro Trator TC11, TC11 Super (NS 11)	0108
Micro Trator TC11, TC11 Super c/ partida Bosch JF	0496
Motor Estacionário BTD22, BTD33, BT22, BT33	0105 0118
Motor AE1, AE2 08/70	0061
Tractors	0785
Trator 1050D, 1050D 4x4	0105 0118 068
Yanmar	0644 0691
Zanello	Nº ZEN
Trator 500, 540, 580, 690	1603
Trator 160 - PTRAC, Trator 180 - PTRAC	1604

Zanello	Nº ZEN
▶ Trator c/ motor Cummins	0304
Trator c/ motor MWM e Cummins	0497
Zastava	Nº ZEN
1300	0533
Zastava	1056 1059
ZEN	Nº ZEN
Utiliza pinhão ZEN 9307	0750
Utiliza pinhão ZEN 9349	0816
Utiliza pinhão ZEN 9492	0817
Utiliza pinhão ZEN 9566	0844
Utiliza pinhão ZEN 9186	0947
Utiliza pinhão ZEN 12812	1046
Utiliza pinhão ZEN 12812	1047
Aplicado no 1046 e 1047	12812
Utilizado no impulsor ZEN 1658	12839
Utiliza pinhão ZEN 12839	1658
Aplicável no impulsor ZEN 0844	9566
Zetor	Nº ZEN
3511, 3545, 4511, 5511, 5545, 6722, 6745	0101 0378
3511, 3545, 4511, 5545, 6711, 10, 11, 12, 20, 21, 23	0392
Zetor Tractors, Farm Machinery	0902
Zettelmeyer	Nº ZEN
Europ KL 25, 30	0087
L 800, L 1000, Europ S8, S10	0367
VA 3	0227
VA 3, VT 2, VTL	0318

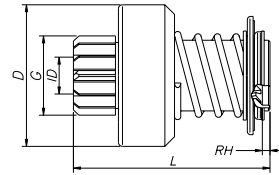


Busca - Família de Impulsores *Búsqueda - Familia de Impulsores* *Search - Starter Drives Families*

1 a 6	128
7 a 12	129
13 a 15	130
16 a 19	131
20 a 21	132
22 a 28	133
29 a 33	134
34 a 37	135
38 a 42	136
43 a 47	137
48 a 51	138
52 a 57	139
58 a 67	140
68 a 73	141
74 a 81	142
82 a 85	143
86 a 93	144
94	145
95 a 100	146
101 a 105	147
106 a 111	148
112 a 116	149
117 a 122	150
124 a 129	151
130 a 134	152

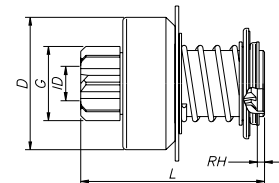
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LARGO	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO DE ROTAÇÃO ROTATION
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0108	9	25.8	64	10	12	46.5	2.5	CW
0111	11	29.5	64	10	12	46.5	2.5	CW
0222	10	26.82	64	10	12	46.5	2.5	CW
0292	9	25.8	64	10	11	46.5	2.5	CW
0325	9	25.8	62	10	12	46.5	3	CW
0361	9	29.64	64	10	12	46.5	2.5	CW
0417	9	34.8	64	10	12	54.5	2.5	CW
0638	9	34.4	64	10	12	46.5	2.5	CW
0857	9	25.8	64	10	12	46.5	-	CW
0874	8	28.2	64.5	10	12	46.5	2.5	CW
0893	10	31.7	64	10	12	46.5	2.5	CW
0931	10	33	75	10	12	54.5	-	CW

Familia/Familia/Family 001



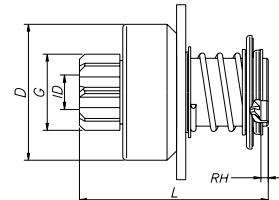
T	G	L	SPL	ID	D	RH	CW/CCW	
0068	9	25.8	64	10	12	46.5	2.5	CW
0323	9	25.816	62	10	11	46.5	3	CCW

Familia/Familia/Family 002



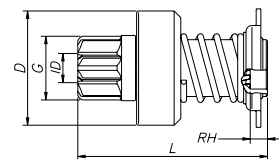
T	G	L	SPL	ID	D	RH	CW/CCW	
0221	9	25.8	64	10	12	46.5	2.5	CW

Familia/Familia/Family 003



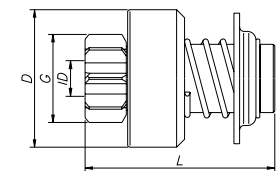
T	G	L	SPL	ID	D	RH	CW/CCW	
0135	9	25.8	77	12	12	46.5	7	CW
0905	10	27.94	77	12	12	46.5	7	CW

Familia/Familia/Family 004



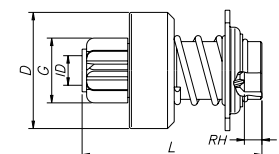
T	G	L	SPL	ID	D	RH	CW/CCW	
0162	9	29.64	64	9	12.1	46.5	-	CW
0238	9	25.8	64	9	12.1	46.5	-	CW
0445	9	25.8	61.5	9	12.1	46.5	-	CW

Familia/Familia/Family 005



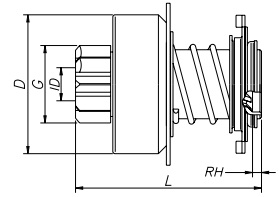
T	G	L	SPL	ID	D	RH	CW/CCW	
0053	9	25.8	71.8	12	12	46.5	7	CW
0205	9	25.8	62	12	12	46.5	7	CW
0455	10	27.94	71.8	12	12	46.5	7	CW
0681	9	29.64	70	12	12	46.5	7	CW

Familia/Familia/Family 006



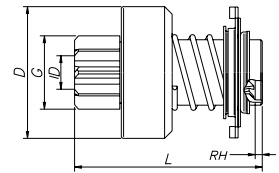
NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE REBAIXO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTAÇÃO ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
0065	9	25.816	62	9	11	46.5	3	CCW
0077	9	29.64	64	9	12	46.5	2.5	CW
0082	10	26.82	66	10	12	46.5	2.5	CW
0220	10	26.82	64	10	12	46.5	2.5	CW
0229	9	25.8	74	9	11	46.5	3	CCW
0307	9	25.8	64	9	12	46.5	2.5	CW

Familia/Familia/Family 007



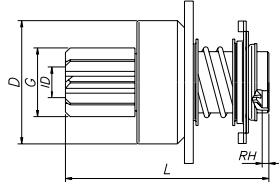
	T	G	L	SPL	ID	D	RH	CW/CCW
0163	9	34.4	64	10	12	46.5	2.5	CW
0653	9	25.8	64	10	12	46.5	2.5	CW
0673	11	34.4	64	10	12	46.5	2.5	CW

Familia/Familia/Family 008



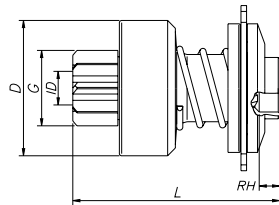
	T	G	L	SPL	ID	D	RH	CW/CCW
0115	9	25.8	66	10	12	46.5	2.5	CW
0139	9	25.8	64	10	12	46.5	2.5	CW
0300	9	29.64	64	10	12	46.5	2.5	CW
0674	9	25.8	66	10	12	46.5	2.5	CW
0676	9	25.8	74	10	12	46.5	2.5	CW

Familia/Familia/Family 009



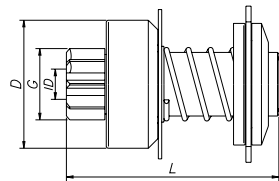
	T	G	L	SPL	ID	D	RH	CW/CCW
0120	9	25.8	70.8	6	11.5	46.5	7	CW
0213	11	29.5	68	6	14	46.5	-	CW
0389	11	29.5	70.8	6	11.5	46.5	7	CW
0397	9	29.64	70.8	6	11.5	46.5	7	CW
0408	9	25.8	69	6	11.5	46.5	5	CW
0443	9	25.8	62.5	6	12	46.5	3	CW
0671	8	28.2	71	6	11.5	46.5	7	CW
0714	9	29.64	70.8	6	12	46.5	7	CW
0731	9	25.8	68.5	6	12	46.5	5	CW
0732	9	25.8	58	6	12	46.5	-	CW

Familia/Familia/Family 010



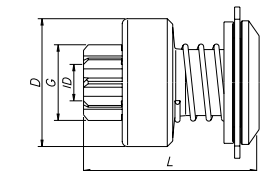
	T	G	L	SPL	ID	D	RH	CW/CCW
0540	11	29.5	66.5	6	14	46.5	-	CCW
0605	9	25.8	77	6	11	46.5	3	CCW

Familia/Familia/Family 011

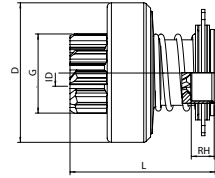


	T	G	L	SPL	ID	D	RH	CW/CCW
0608	9	35.5	81.5	6	17	60	4	CW

Familia/Familia/Family 012

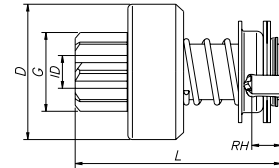


NÚMERO ZEN NUMBER ZEN NUMBER	Nº DE DIENTES # OF TEETH # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D. (mm)	COMPRIMENTO TOTAL LARGO LENGTH (mm)	Nº DE ESTRIAS # OF STRIATIONS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D. (mm)	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D. (mm)	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET (mm)	SENTIDO DE ROTAÇÃO ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
1104	9	34.8	62	10	12	60	11	CW
1117	9	25.8	62	10	12	54.3	11	CW
1477	9	29.64	62	10	12	54.3	11	CW



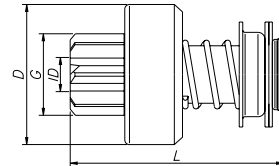
Familia/Familia/Family 013

	T	G	L	SPL	ID	D	RH	CW/CCW
0101	11	41	89	10	14.3	60	20	CW
0105	9	34.8	91	10	14.3	60	13	CW
1364	9	34.8	91	10	14.3	60	13	CW
0118	10	40	91	10	14.3	60	13	CW
0301	9	34.8	91	10	14.3	60	25	CW
0302	10	40	91	10	14.3	60	25	CW
0303	12	46	94	10	14.3	60	13	CW
0304	10	32	91	10	14.3	60	25	CW
0308	9	34.8	91	10	14.3	60	13	CW
0310	9	34.8	75	10	14.3	60	6	CW
0312	9	34.8	75	10	14.3	60	6	CW
0313	12	46.3	75	10	14.3	60	6	CW
0315	9	34.8	91	10	14.3	60	13	CW
0316	11	41	91	10	14.3	60	25	CW
0319	9	25.8	73	10	12	54.5	6	CW
0392	11	41	91	10	14.3	60	13	CW
0497	10	32	91	10	14.3	60	13	CW
0661	10	39	91	10	14.3	60	13	CW
0748	10	37.8	91	10	14.3	60	13	CW
1372	10	37.8	91	10	14.3	60	13	CW



Familia/Familia/Family 014

	T	G	L	SPL	ID	D	RH	CW/CCW
0228	9	25.8	71	10	12	54.5	-	CW
0291	9	34.8	74	10	14.3	60	-	CW
0320	9	29.64	74	10	14.3	54.5	-	CW
0365	9	36.5	74	10	14.3	60	-	CW
0366	9	34.8	74	10	14.3	60	-	CW
0367	9	34.8	91	10	14.3	60	-	CW
0378	11	41	91	10	14.3	60	-	CW
0418	10	40	91	10	14.3	60	-	CW
0419	10	39	91	10	14.3	60	-	CW
0447	11	41	73.5	10	14.3	60	-	CW
0460	10	27.2	74	10	14.3	54.5	-	CW
0496	9	34.8	84	10	14.3	54.5	-	CW
0528	12	46.3	74	10	14.3	60	-	CW
0538	10	37.8	91	10	14.3	60	-	CW
0635	10	32	91	10	14.3	60	-	CW
0648	9	34.8	91	10	14.3	60	-	CW
0668	10	40	84	10	14.3	54.5	-	CW
0677	10	40	74	10	14.3	54.5	-	CW
0760	11	41	91	10	14.3	60	-	CW
0764	11	35.8	74	10	14.3	60	-	CW
0784	9	29.64	91	10	14.3	60	-	CCW
0814	10	40	91	10	14.3	60	-	CW
0970	9	36.5	91	10	14.3	60	-	CW
1001	11	41	91	10	14.26	60	-	CCW
1002	11	35.8	91	10	14.26	60	-	CW
1003	10	40	74	10	14.26	60	-	CCW
1004	9	34.8	91	10	14.26	60	-	CCW



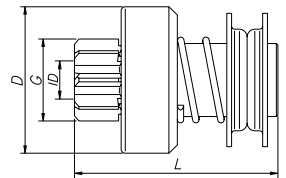
Familia/Familia/Family 015

NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE REBAIXO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTAÇÃO ROTATION
1005	9	34.8	74	10	14.26	60	-	CCW
1180	10	27.5	70.2	10	12	54.5	-	CW
1527	9	35	100.5	10	14.26	60	-	CW
1528	10	32	100.5	10	14.26	60	-	CW
1594	11	42	91	10	14.26	60	-	CW
1616	10	39.5	77	10	14.3	60	-	CW
1682	9	36.8	100.4	10	14.26	60.4	-	CW

Cont. Família/Familia/Family 015

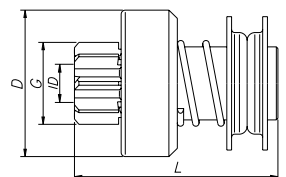
	T	G	L	SPL	ID	D	RH	CW/CCW
0216	9	36.5	76	12	14	54.5	-	CW
0245	9	25.8	59.5	9	12	46.5	-	CCW
0530	10	27.94	76	12	12	54.5	-	CW

Família/Familia/Family 016



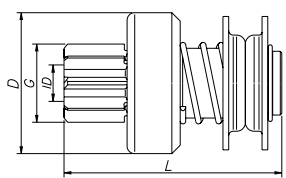
	T	G	L	SPL	ID	D	RH	CW/CCW
0081	9	29.64	68.5	3	12	46.5	-	CW
0104	9	25.8	72	6	12	46.5	-	CW
0114	12	46.3	108	6	14.3	60	-	CW
0126	9	25.8	72	6	12	46.5	-	CW
0158	9	25.8	70	9	12	46.5	-	CW
0192	9	25.816	64	3	11	46.5	-	CCW
0215	9	29.64	76	12	14	54.5	-	CW
0217	9	29.64	76	6	14	54.5	-	CW
0293	9	25.8	64	6	12	46.5	-	CW
0294	9	25.8	64	6	11	46.5	-	CCW
0433	9	25.8	69	3	12	43.5	-	CW
1189	9	25.8	68.5	3	12	45.5	-	CW
0458	9	29.64	55.5	6	12	41.5	-	CCW
0462	9	29.64	68	9	12	54.5	-	CW
0463	9	29.64	69	9	12	46.5	-	CW
0529	9	29.64	65	6	12	46.5	-	CW
0783	9	25.8	69	3	12	43.5	-	CW
1175	9	29.3	73.5	6	14	54.5	3	CW
1176	9	24.9	65	6	12	54.5	14	CW

Família/Familia/Family 017



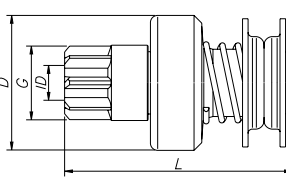
	T	G	L	SPL	ID	D	RH	CW/CCW
0189	9	25.8	68	9	12	46.5	-	CW
0244	9	25.8	61.5	9	12	46.5	-	CW
1302	9	25.8	58.5	9	12	46.5	-	CCW

Família/Familia/Family 018

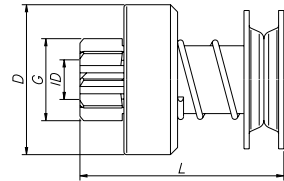


	T	G	L	SPL	ID	D	RH	CW/CCW
0461	10	27.2	78.5	9	12	46.5	-	CW

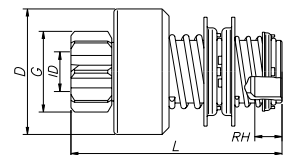
Família/Familia/Family 019



NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LONGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABRET	SENTIDO DE ROTAÇÃO ROTATION	Familia/Familia/Family
T	G	L	SPL	ID	D	RH	CW/CCW	020	
0001	9	29.64	73.5	6	14.3	54.5	-	CW	
0005	9	29.64	73.5	6	14.3	46.5	-	CW	
0010	9	25.8	75	6	12	46.2	-	CW	
0013	9	25.8	75.5	3	12	46.2	-	CW	
0020	9	25.8	80.5	3	12	46.2	-	CW	
1184	9	25.8	80.5	3	12	46.5	-	CW	
0022	9	29.64	100	6	14.3	46.5	-	CW	
0024	10	40	79.5	6	14.3	60	-	CW	
1359	10	40	79.5	6	14.3	60	-	CW	
0025	9	34.8	76.5	6	14.3	60	-	CW	
0041	11	41	102.5	6	14.3	60	-	CW	
0045	9	25.8	80.5	6	12	46.2	-	CW	
0051	12	46.3	96	3	14.3	60	-	CW	
0052	9	29.64	95	3	14.3	60	-	CW	
0056	9	29.64	73.5	6	12	46.5	-	CW	
0070	12	37.6	92.5	6	12	46.5	-	CW	
0073	9	29.64	87	6	12	46.5	-	CW	
0084	13	47	79.5	6	14.3	60	-	CW	
0085	9	34.8	79	6	14.3	60	-	CW	
1361	9	34.8	79	6	14.3	60	-	CW	
0086	9	29.64	97.5	6	12	46.5	-	CW	
0093	10	40	96	3	14.3	60	-	CW	
0100	11	41	96	3	14.3	60	-	CW	
0112	10	32	96	3	14.3	60	-	CW	
0125	13	47	89.5	3	14.3	60	-	CCW	
0186	10	40	96.5	6	14.3	60	-	CW	
0193	9	29.64	100	6	12	46.5	-	CW	
0198	10	40	102.5	6	14.3	60	-	CW	
0381	10	40	95.5	3	14.3	60	-	CCW	
0454	10	32	80.5	3	14.3	60	5.5	CW	
0505	10	40	106.5	6	14.3	60	-	CW	
0522	10	27.94	80.5	3	12	46.2	-	CW	
0627	10	39.5	77.5	6	14.3	60	-	CCW	
0755	10	39.67	98	3	14.3	59.9	-	CW	
0767	10	32.18	105.5	6	14.3	60	3.5	CW	
0977	9	25.8	93	3	12	46.5	15.4	CCW	
0888	11	41.99	98	3	14.29	59.9	1.9	CW	
1351	10	32	106	3	14.3	59.9	1.9	CW	

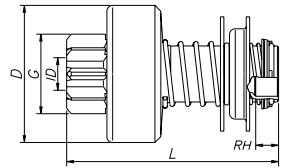


T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
021								
0015	9	29.64	77.5	3	14.3	46.5	10	CW
0028	9	34.8	90	3	14.3	54.5	10	CW
0034	9	34.8	91	3	14.3	60	13	CW
0043	10	40	87	3	14.3	60	10	CW
0044	9	25.8	78	3	12	46.5	10	CW
0046	9	25.8	90.0	3	12	46.5	10	CW
0059	11	41	92	3	14.3	60	10	CW
0060	10	40	91.5	3	14.3	60	10	CW
0061	13	46	92	3	14.3	60	10	CW
0062	9	34.8	77.5	3	14.3	46.5	10	CW
0092	9	34.8	86.5	3	14.3	66	12	CW
0224	10	37.8	90	3	14.3	54.5	10	CW
0227	11	41	90	3	14.3	54.5	10	CW
0318	9	34.8	90	10	14.3	54.5	18	CW
0709	9	34.8	90.0	3	14.3	54.5	10	CW
0831	9	25.8	79.0	12	12.5	54.5	10	CW
0902	11	41	91	12	14.3	60	15	CW
1076	9	34.8	86.9	3	14.3	54.5	13	CW



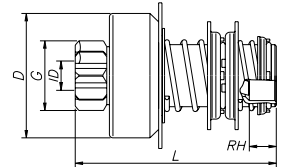
NÚMERO ZEN NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑÓN # OF PINION TEETH	DIÁMETRO EXTERNO PINÓN - DIMENSIÓN EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINÓN - DIMENSIÓN INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSIÓN EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DEL REBAJO HEIGHT OF RABBIT	SENTIDO DE ROTACIÓN ROTAÇÃO ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
0225	9	34.8	92.5	3	14.3	60	10	CW
0226	11	41	92.5	3	14.3	60	10	CW

Familia/Familia/Family 022



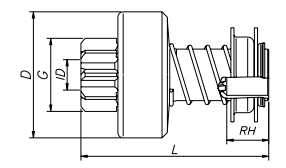
	T	G	L	SPL	ID	D	RH	CW/CCW
0006	9	29.64	74.5	3	14.3	46.5	10	CCW
0191	9	25.816	74.5	3	11	46.5	10	CCW

Familia/Familia/Family 023



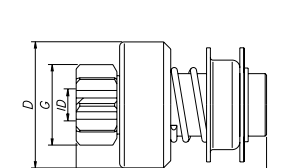
	T	G	L	SPL	ID	D	RH	CW/CCW
0440	9	34.8	95	10	15	60	7	CW
0769	9	25.8	65.5	6	11.5	40	10.5	CCW

Familia/Familia/Family 025



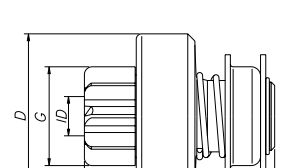
	T	G	L	SPL	ID	D	RH	CW/CCW
0141	9	29.64	62	10	13	46.5	-	CW
0160	9	29.64	74	9	12.1	46.5	-	CW
0161	9	25.8	74	3	12.1	46.5	-	CW
0183	9	25.8	60	9	12	46.5	-	CW
0744	8	27	64	2	12	40	-	CW
0768	9	25.8	62.5	2	11.5	40	-	CCW
1056	9	25.8	65	12	11.5	45.5	-	CW
1588	9	25.8	65	12	11.5	45.5	-	CCW

Familia/Familia/Family 026



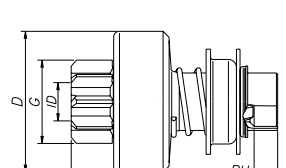
	T	G	L	SPL	ID	D	RH	CW/CCW
0376	9	33	69	12	14	60	-	CW
0448	9	36	69	12	14	60	-	CW
0539	10	39.5	69	12	14	60	-	CW
0561	9	34.8	77	6	14	60	-	CW
0580	11	40.5	69	12	14	60	-	CW
0684	9	34.8	69	12	14	60	-	CW
0785	15	44.5	69	12	14	60	-	CW
0901	11	40.5	77	12	16	60	-	CW
1073	9	34.8	83	10	14.3	60	-	CW
1600	10	40	82	10	14.26	60	-	CW

Familia/Familia/Family 027



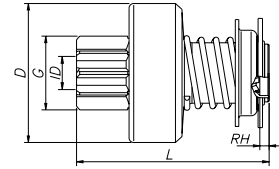
	T	G	L	SPL	ID	D	RH	CW/CCW
0953	9	35.5	88	3	16.1	60	10	CW

Familia/Familia/Family 028



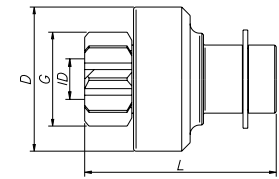
NÚMERO ZEN NUMBER ZEN	Nº DE DENTES # OF TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONG	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBAJO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTATION
T	G	L	SPL	ID	D	RH	CW/CCW	
0629	10	32	85	12	14	60	4	CW
1194	10	32	85	12	14	60	4	CW
0645	10	32	85	12	13	60	4	CW
0649	10	40	85	12	14	60	4	CW
1195	10	40	85	12	14	60	4	CW
0650	12	46.3	85	12	14	60	4	CW
1196	12	46.3	85	12	14	60	4	CW
0651	9	34.4	85	12	14	60	4	CW
1197	9	34.4	85	12	14	60	4	CW
0652	9	29.64	85	12	13	60	4	CW
1198	9	29.64	85	12	13	60	4	CW
0895	9	36	71	12	13	60	4	CW
1059	9	34.8	83	10	14.3	60	10	CW
1060	10	40	85	10	14.3	60	10	CW
1574	11	41	85	12	14.26	60	4	CW

Familia/Familia/Family **029**



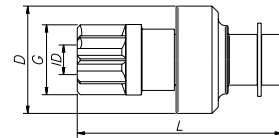
T	G	L	SPL	ID	D	RH	CW/CCW	
0144	9	29.64	60.5	8	12.8	45.5	-	CW
0352	8	28.2	60.5	8	12.8	45.5	-	CW
0426	11	34.8	60.5	8	12.8	45.5	-	CW
0427	10	40	60.5	8	12.8	45.5	-	CCW

Familia/Familia/Family **030**



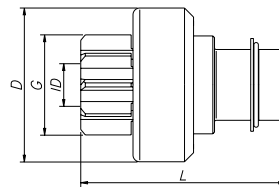
T	G	L	SPL	ID	D	RH	CW/CCW	
0577	9	29.64	73.5	8	12.8	45.5	-	CW

Familia/Familia/Family **031**



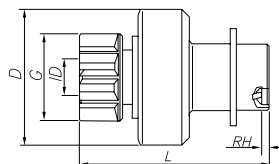
T	G	L	SPL	ID	D	RH	CW/CCW	
0340	9	29.64	60.5	8	12.8	45.5	-	CW

Familia/Familia/Family **032**



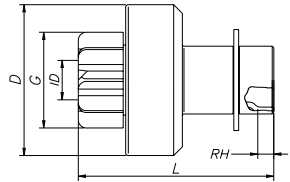
T	G	L	SPL	ID	D	RH	CW/CCW	
0554	9	29.5	65	10	12.5	46.5	2.5	CW

Familia/Familia/Family **033**



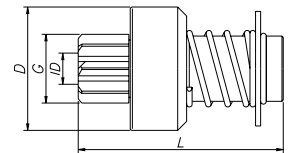
NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # OF PIGNION TEETH	DIÁMETRO EXTERNO PINION DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DEL REBAJO HEIGHT OF RABBIT	SENTIDO DE ROTACIÓN ROTAÇÃO ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
1620	8	28.2	64	6	12	43.5	-	CCW
0756	11	30	61.5	6	12	46.2	2.5	CW
0770	9	25.8	45	6	12	43.5	-	CW
0774	9	25.8	61.5	6	12	46.2	2.5	CW
0809	9	29.6	53.5	5	11	43.5	2	CW
0830	8	28.2	53.5	5	11	41.5	2	CW
0841	9	29.6	53.5	5	11	41.5	2	CW
0843	8	23.92	44	5	10.99	46.5	1	CW
0854	8	24.7	64	6	12	43.5	-	CCW
0950	9	29.6	53.5	5	11	41.5	1.5	CCW
0951	8	28.2	75	5	11	41.5	1.5	CCW
0958	11	30	47	6	12	46.5	-	CW
0965	9	25.8	41	5	10.99	46.5	1	CW
1064	8	23.92	41	5	10.99	46.5	1	CW
1152	9	25.4	43	5	11	46.5	1	CW
1482	9	29.6	47	6	12	46.5	-	CW
1605	8	28.2	45.5	6	12.06	43.5	-	CCW

Familia/Familia/Family 034



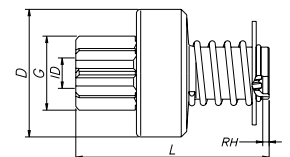
	T	G	L	SPL	ID	D	RH	CW/CCW
0054	9	25.8	77	3	12	46.5	-	CW
0102	10	40	95	3	15	60	-	CW
0441	9	34.8	95	3	15	60	-	CW
0459	10	27.5	80	3	14	60	-	CW
0492	10	32	95	3	15	60	-	CW
0704	9	25.8	77	3	12	46.2	7	CW
0705	10	33	77	3	12	46.5	7	CW
0720	9	29.64	80	3	14	60	-	CW
0771	10	27.5	67.5	3	14	60	-	CW
0772	9	34.8	75.5	3	15	60	-	CW
0826	10	40	75.5	3	15	60	-	CW
0868	10	27.5	80	3	14	60	-	CW
1505	9	25.8	68	10	12	60	-	CW
1506	10	39	71.5	10	14.3	60	-	CW
1507	9	34.8	71.5	10	14.3	60	-	CW
1615	10	39.5	68	10	12.06	60	-	CW
1678	10	40	81.8	10	14.26	60.4	-	CW

Familia/Familia/Family 035



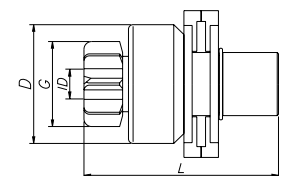
	T	G	L	SPL	ID	D	RH	CW/CCW
0438	9	34.8	91	10	15	60	3	CW
0439	10	40	91	10	15	60	3	CW
0603	9	34.8	91	10	15	60	3	CW

Familia/Familia/Family 036



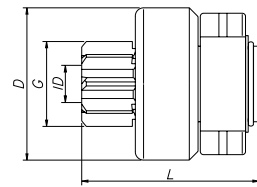
	T	G	L	SPL	ID	D	RH	CW/CCW
0049	12	37.6	75.5	6	12	46.5	-	CW
0050	10	33	75.5	6	12	46.5	-	CW
0495	10	33	75.5	6	12	46.5	-	CW
0609	9	29.64	74.5	6	12	46.5	3	CW

Familia/Familia/Family 037



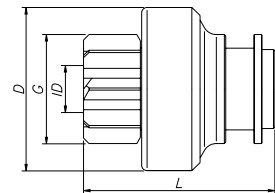
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO DE ROTACION ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
0786	9	25.8	64	6	11.5	46.5	4.5	CW
1206	9	25.8	64	6	11.5	46.5	4.5	CW
1227	9	25.8	64	6	11.5	46.5	4.5	CW
1333	9	25.8	64	6	11.5	46.5	4.5	CW
0878	11	29.5	52.5	10	12	46.5	-	CW
0969	9	29	52.5	10	12	46.5	-	CW

Familia/Familia/Family **038**



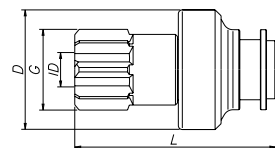
	T	G	L	SPL	ID	D	RH	CW/CCW
0064	10	40	70	3	17	60	-	CW
0067	10	40	73	3	17	60	-	CW
0096	10	40	70	12	17	60	-	CW
0134	13	46	73	12	17	60	-	CW
0150	10	40	73	12	17	60	-	CW
0155	10	40	73	12	17	60	-	CW
0322	10	40	70	3	17	60	-	CW
0398	13	46	70	12	17	60	-	CW
0411	11	39.5	73	12	17	60	-	CW
0449	9	36.5	73	12	14.3	60	-	CW
0480	10	40	70	12	17	60	-	CW
0488	9	34.8	73	12	14.3	60	-	CW
0507	11	39.5	73	3	17	60	-	CW
0541	13	46	70	12	17	60	-	CW
0594	9	35.5	73	12	14.3	60	-	CW
0615	11	39.5	73	3	17	60	-	CCW
1501	9	25.8	70	12	12	60	-	CW
1508	9	36.5	70	12	14.26	60	-	CW
1510	9	36.5	89	12	14.26	60	-	CW
1515	10	39.5	73.5	12	14.26	60	-	CW

Familia/Familia/Family **039**



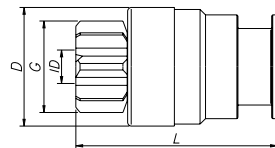
	T	G	L	SPL	ID	D	RH	CW/CCW
0286	10	40	100	12	17	60	-	CW
0485	11	41	100	12	17	60	-	CW
0486	10	40	100	12	17	60	-	CW
0506	10	40	100	3	17	60	-	CW
0509	10	40	100	3	17	60	-	CW
0557	11	41	100	12	17	60	-	CW
0591	10	32	100	12	14.3	60	-	CW
1502	11	41	95.5	12	14.26	60	-	CW

Familia/Familia/Family **040**



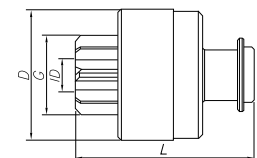
	T	G	L	SPL	ID	D	RH	CW/CCW
0434	10	40	102	4	17	60	-	CW
0607	12	46.3	102	4	17	60	-	CW
0813	10	40	108.5	4	17	60	-	CW
0948	10	40	104	18	17	60	4	CW
0967	11	56.7	119	18	17	60	4	CW

Familia/Familia/Family **041**



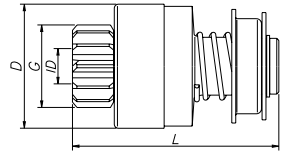
	T	G	L	SPL	ID	D	RH	CW/CCW
1656	9	36.3	37.5	6	13.1	39.5	-	CW
1669	8	27	36.8	6	12.2	40.7	-	CCW
1670	9	29.3	37.5	6	12.2	39.5	-	CCW
1673	10	32.1	37.5	6	13.05	39.5	-	CCW

Familia/Familia/Family **042**



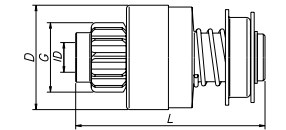
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION- DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINION- DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE REBAIXO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
0670	13	40	100	10	17	60	-	CW
0721	10	40	85.5	12	14	60	4	CW
0722	10	32	85.5	12	14	60	4	CW
0723	12	46.3	85.5	12	14	60	4	CW
0894	11	40.6	84	12	15	60	4	CW
0985	9	36.5	85.5	12	14	60	4	CW
1112	9	36.5	85.5	12	14	60	4	CW

Familia/Familia/Family 043



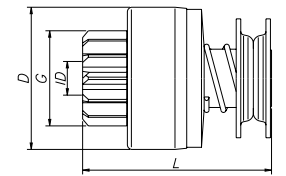
	T	G	L	SPL	ID	D	RH	CW/CCW
0669	13	40	109	10	17	60	-	CW

Familia/Familia/Family 044



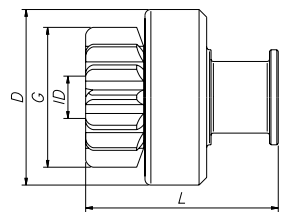
	T	G	L	SPL	ID	D	RH	CW/CCW
0566	12	46.3	96	3	14.3	60	-	CW
0567	9	29.64	96	3	14.3	60	-	CW
0568	10	40	96	3	14.3	60	-	CW
0624	12	46.3	98.5	3	14.3	60	2	CW
0625	10	39.5	98.5	3	14.3	60	2	CW
0924	13	47	96	3	14.3	60	-	CCW

Familia/Familia/Family 045



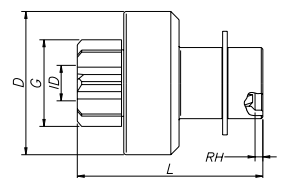
	T	G	L	SPL	ID	D	RH	CW/CCW
1090	10	32.1	80	10	14	60	-	CW
1091	10	37.8	80	10	14	60	-	CW
1092	10	37.8	80.5	6	15	60	2	CW
1098	11	40	75	16	17.03	60	3.4	CW
1523	12	46.3	78.5	6	15	60	2	CW
1595	10	40	80	6	15	60	-	CW
1596	9	34.8	80	10	14.01	60	-	CW
1602	10	39.5	60.5	10	14.06	60	-	CW
1603	12	46.3	76	6	15	60	-	CW
1604	10	32	77	6	15	60	-	CW
1622	10	40	74	10	14.01	60	-	CW
1623	10	32.1	77.5	10	14.01	60	-	CW
1635	9	37.18	60.9	10	12.06	60	-	CW
1637	10	40	80	10	14.01	60	-	CW
1648	12	46.3	-	-	-	15	2	-
1651	9	34.8	-	-	-	15	2	-

Familia/Familia/Family 046



	T	G	L	SPL	ID	D	RH	CW/CCW
0184	9	29.64	64	10	12.5	46.5	7	CW
0248	9	25.8	59.5	12	12	46.5	-	CCW
0285	9	25.8	60	9	12	46.5	-	CCW
0450	8	28.2	55.5	8	12	46.5	-	CW
0499	8	28	60	10	12.51	46.5	2.5	CW
0519	8	28.2	70.5	8	12	46.5	-	CCW
0571	10	27.94	61.5	9	12	46.5	-	CW
0576	8	28.2	60	10	12.5	46.5	2.5	CW
0584	9	29.64	55.5	8	12	46.5	-	CW
0636	8	28.2	56	8	12	46.5	-	CCW
0686	8	28.2	82	10	12.5	46.5	2.5	CCW
0779	9	25.8	64	6	11.5	46.5	3.5	CW
0832	9	29.64	77	10	12.5	46.5	2.5	CW
0836	9	25.8	55	8	12	46.5	-	CW
0853	8	28.2	70.5	8	12	46.5	-	CW
0545	8	28.2	64	10	12.5	46.5	7	CW

Familia/Familia/Family 047

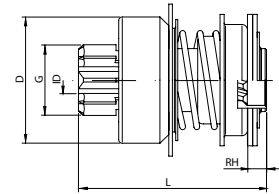


NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO DE ROTAÇÃO ROTACION ROTATION
		(mm)	(mm)		(mm)	(mm)	(mm)	
0940	8	24.7	70.5	8	12	46.5	-	CCW
0943	9	38.4	71	8	12	46.5	-	CCW
0975	23	54.4	51	10	12	48.5	-	CW
0999	8	23.6	64	6	11.5	46.5	3.5	CW
1054	8	28	56	8	12	46.5	-	CCW
1113	9	29	50.5	10	12	48.7	-	CW
1169	11	29.5	51	10	12	48.7	-	CW
1484	9	25.8	60	6	11.5	46.5	10	CW
1496	9	25.8	84.5	12	12.06	46.5	14	CCW
1503	8	28.2	71.5	12	12.1	43.5	6.5	CCW
1504	9	25.8	52	12	12.1	46.5	6.5	CW
1509	8	28.2	52	12	12.1	43.5	6.5	CW
1513	8	28.2	71.5	12	12.1	43.5	6.5	CW
1520	8	28.2	60	12	12.06	43.5	6.5	CCW
1530	8	28.2	75	12	12	46.5	-	CCW
1561	9	25.4	47.5	10	12	46.5	-	CW
1618	10	32.18	45.5	10	12.06	48.7	0.5	CW

Cont. Familia/Familia/Family 047

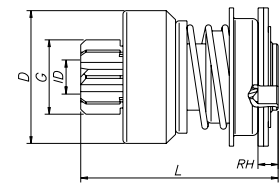
	T	G	L	SPL	ID	D	RH	CW/CCW
0131	9	25.816	66.5	10	11	46.5	7	CCW

Familia/Familia/Family 048



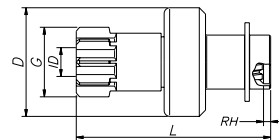
	T	G	L	SPL	ID	D	RH	CW/CCW
0080	9	25.8	68.5	10	12	46.5	7	CW
0223	9	29.64	68.5	10	12	46.5	7	CW
0362	10	26.82	68.5	10	12	46.5	7	CW

Familia/Familia/Family 049



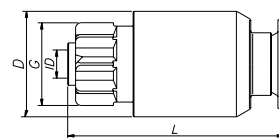
	T	G	L	SPL	ID	D	RH	CW/CCW
0140	9	29.64	82	10	12.5	46.5	2.5	CW
0327	9	29.64	86	10	12.5	46.5	7	CW
0339	9	25.8	82	10	12.5	46.5	2.5	CW
0341	9	29.64	86	10	12.5	46.5	7	CCW
0342	8	27.6	86	10	12.5	46.5	7	CCW
0343	9	34.8	82	10	12.5	46.5	2.5	CW
0353	9	29.64	82	10	12.5	46.5	-	CW
0498	8	28.2	82	10	12.5	46.5	2.5	CW
0517	8	28	82	10	12.5	46.5	2.5	CCW
0765	8	24.7	82	10	12.5	46.5	2.5	CCW
0906	9	33	73.5	6	12	46.5	-	CW
1529	8	28.2	89	12	12	43.5	6.5	CCW

Familia/Familia/Family 050



	T	G	L	SPL	ID	D	RH	CW/CCW
0097	12	46.3	120.1	19	15.9	-	-	-
0110	11	56.7	120.1	19	15.9	-	-	-
0117	12	46.3	120.1	19	19	-	-	-
0182	13	49.7	120.1	19	15.9	-	-	-
0188	11	56.7	120.1	19	19	-	-	-
1190	10	40.4	118	19	16	-	-	-
0622	12	46.3	118	19	15.9	-	-	-
0626	11	56.7	120.1	19	15.9	-	-	-
0776	12	46.3	118	19	19	-	-	-

Familia/Familia/Family 051

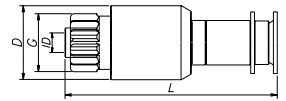


NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE REBAIXO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTATION
0778	11	56.7	118	19	19	-	-	-
1204	11	56.7	118	19	19	-	-	-
1205	12	46.3	102	19	15.9	-	-	-
1210	11	26.7	102	19	16	-	-	-
0879	13	49.7	118	19	19	-	-	-
0914	12	46.3	120.1	19	15.9	-	-	-
0920	11	42	118	19	15.9	-	-	-
0930	11	56.7	118	19	19	-	-	-
1013	10	39.67	102	19	15.9	-	-	-
1521	11	41.5	102	19	15.9	-	-	-
1573	12	43.7	118	19	15.9	-	-	-

Cont. Família/Familia/Family 051

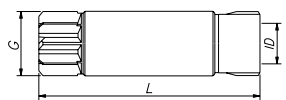
	T	G	L	SPL	ID	D	RH	CW/CCW
0555	12	46.3	170	19	15.9	-	-	-
0556	11	56.7	170	19	15.9	-	-	-

Família/Familia/Family 052



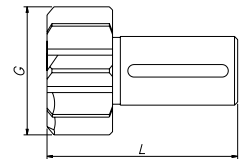
	T	G	L	SPL	ID	D	RH	CW/CCW
0035	9							
0036	11							
0037	13							

Família/Familia/Family 053



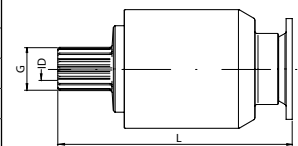
	T	G	L	SPL	ID	D	RH	CW/CCW
0078	13	47	61.1	-	-	-	-	CW
0087	11	41	61.1	-	-	-	-	CW
0088	11	56	61.1	-	-	-	-	CW
0089	12	46.3	61.1	-	-	-	-	CW
0218	9	34.8	61.1	-	-	-	-	CW
1111	9	34.8	45	-	-	-	-	CW
1181	11	42.4	61.1	-	-	-	-	CW

Família/Familia/Family 054



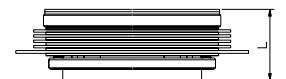
	T	G	L	SPL	ID	D	RH	CW/CCW
1214	16	21.36	114	19	12	-	-	CW

Família/Familia/Family 055



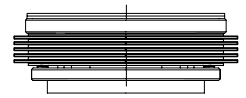
	T	G	L	SPL	ID	D	RH	CW/CCW
0204	-	-	-	-	-	-	-	-

Família/Familia/Family 056

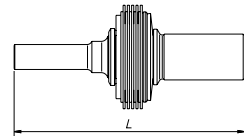


	T	G	L	SPL	ID	D	RH	CW/CCW
0121	-	-	-	-	-	-	-	-

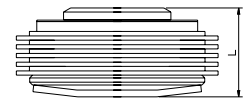
Família/Familia/Family 057



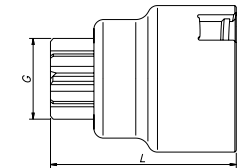
NÚMERO ZEN NUMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑON # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO DE ROTAÇÃO ROTAÇÃO ROTATION	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	058
0133	-	-	166	-	-	-	-	-	



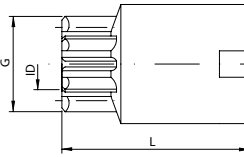
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0122	-	-	-	-	-	-	-	-	059



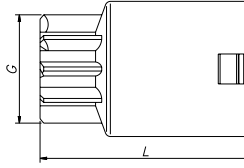
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0032	9	29.64	72	-	-	-	-	CCW	061
1216	9	29.64	66	-	-	-	-	CW	



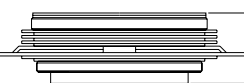
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0171	9	29.64	58	-	-	-	-	CCW	063
0380	10	29.6	58	-	-	-	-	CCW	



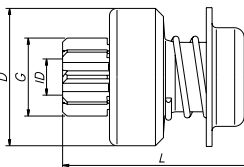
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0170	9	29.64	58	-	-	-	-	CCW	064
0280	10	29.6	58	-	-	-	-	CCW	



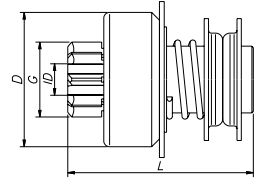
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0201	-	-	-	-	-	-	-	-	066



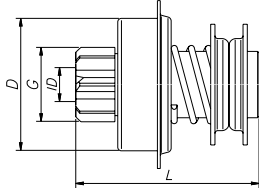
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0243	9	25.8	66	12	12	45.5	-	CW	067



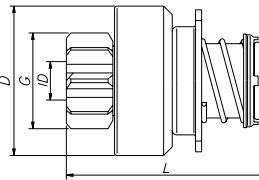
NÚMERO ZEN NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑÓN # OF PINION TEETH	DIÁMETRO EXTERNO PINÓN - DIMENSIÓN EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH (mm)	Nº DE ESTRIAS # DE ESTRIAS # OF SPLINES (mm)	DIÁMETRO DA BUCHA PINÓN - DIMENSIÓN INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSIÓN EXTERNA DRIVE O.D. (mm)	PROFUNDIDADE DO REBAIXO ALTURA DEL REBAJO HEIGHT OF RABBIT (mm)	SENTIDO DE ROTACIÓN ROTAÇÃO ROTATION	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	068
0328	9	25.816	64	6	11	46.5	-	CCW	



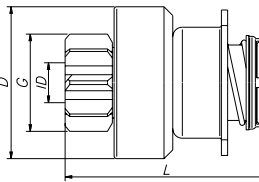
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	069
0329	9	25.8	64	6	12	46.5	-	CW	
0348	9	25.8	65	6	12	46.5	-	CW	



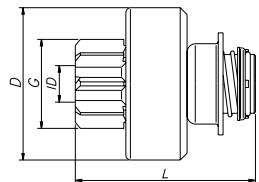
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	070
0351	9	29.64	62	10	12.5	46.5	-	CW	
0644	11	34.8	62	10	12.5	46.5	-	CW	
0691	15	44.5	62	10	12.5	54.5	-	CW	



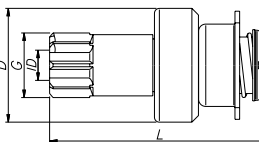
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	071
0349	9	29.64	62	10	12.5	46.5	-	CW	
0382	8	28	62	10	12.5	46.5	-	CW	



	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	072
0549	9	32.2	70.5	3	14.3	60	-	CW	

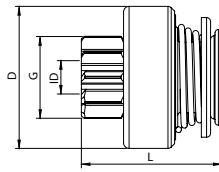


	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	073
0429	9	30	76.5	10	12.51	46.5	-	CW	
0537	9	25.8	76	10	12	46.5	-	CW	



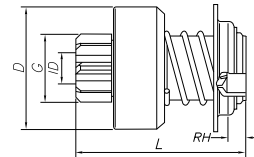
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONGH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO DE ROTAÇÃO ROTACION
	T	G	L	SPL	ID	D	RH	CW/CCW
1545	8	27.2	48	10	11	47.4	6	CW
1576	10	27.92	46	16	11	47.4	3.5	CW
1597	10	26.82	46	16	11	47.4	3.5	CW
1619	9	25.8	46	16	11	46.5	3.5	CW
1641	9	25.8	46	10	11	45.3	6	CW

Familia/Familia/Family 074



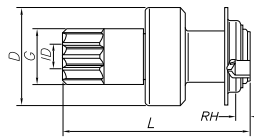
	T	G	L	SPL	ID	D	RH	CW/CCW
1666	9	25.8	47	11	10	46.6	-	CW
1674	8	23.5	-	-	-	10	6.6	-

Familia/Familia/Family 075



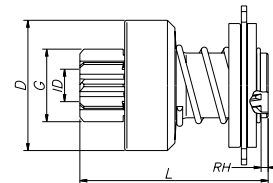
	T	G	L	SPL	ID	D	RH	CW/CCW
1658	19	20.8	128	-	-	-	-	-

Familia/Familia/Family 076



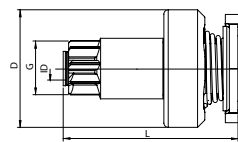
	T	G	L	SPL	ID	D	RH	CW/CCW
0394	11	29.5	65.5	10	11.5	46.5	2.5	CW
0395	9	25.8	65.5	10	12	46.5	2.5	CW

Familia/Familia/Family 078



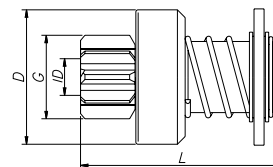
	T	G	L	SPL	ID	D	RH	CW/CCW
0932	9	25.8	80.5	16	11	54.5	-	CCW
0937	10	27.94	80.5	16	11	54.5	-	CCW
0972	9	25.7	90	16	11	54.5	-	CCW
1480	9	25.7	80.5	16	-	54.5	-	CW
1632	10	27.94	60	16	12	53.5	-	CCW
1655	10	27.94	103.5	16	12	54.5	-	CCW

Familia/Familia/Family 079



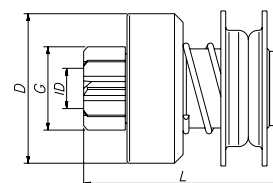
	T	G	L	SPL	ID	D	RH	CW/CCW
0451	9	25.8	62	6	11.5	41.5	7	CW
0453	8	27	60.5	6	12	41.5	-	CCW
0910	8	32.4	77.5	6	14.3	60	4	CW

Familia/Familia/Family 080



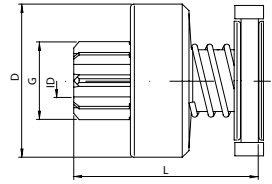
	T	G	L	SPL	ID	D	RH	CW/CCW
0404	9	25.8	61.5	11	13	46.5	-	CW

Familia/Familia/Family 081



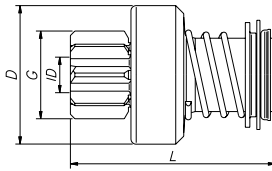
NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE REBAIXO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTAÇÃO ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
1026	10	32	75	10	14.26	60	-	CW
1027	10	32	75	10	14.26	54.5	-	CW
1038	9	34.8	83	10	14.3	60	18.3	CW

Familia/Familia/Family 082



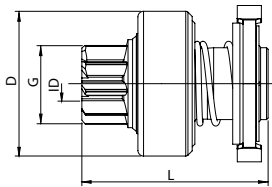
	T	G	L	SPL	ID	D	RH	CW/CCW
0409	9	29.3	68.5	12	12.1	46.5	-	CW
1188	9	29.3	68.5	12	12.1	46.5	-	CW
0412	9	29.3	75	12	12.1	46.5	-	CW
0414	10	32	75	12	12.1	46.5	-	CW

Familia/Familia/Family 083



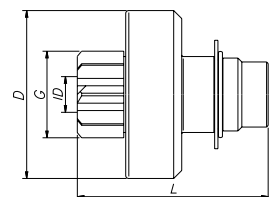
	T	G	L	SPL	ID	D	RH	CW/CCW
0641	9	25.9	58.5	10	11	46.5	-	CW
0745	9	25.8	53.5	10	12	46.5	-	CW
0797	9	25.8	55.5	10	12	46.5	-	CW
0837	9	25.8	58.5	10	12	46.5	-	CW
0846	11	29.5	58.5	10	12	46.5	-	CW
0855	11	29.5	55.5	10	12	46.5	-	CW
0919	9	25.8	58.5	10	12	46.5	-	CW
0942	9	25.8	62	10	12	46.5	-	CW
0989	9	25.8	59.5	10	12	46.5	-	CCW
1486	9	29.64	58.5	10	12	46.5	-	CW

Familia/Familia/Family 084



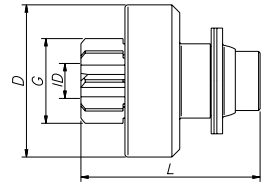
	T	G	L	SPL	ID	D	RH	CW/CCW
0646	10	27.94	61.5	9	12	54.5	-	CW
0656	12	31.8	61.5	9	12	54.5	-	CW
0657	9	37.1	61.5	9	12	54.5	-	CW
0747	10	27.94	51.5	9	12	46.5	-	CW
0775	9	25.8	51.5	9	12	46.5	-	CW
0908	8	28.2	48	9	12.1	46.5	-	CW
0916	9	36.5	61	10	12	60	-	CW
0917	9	29.64	48	9	12.1	46.5	-	CW
0918	8	27.6	48	9	12.1	46.5	-	CW
0936	11	29.5	61.5	9	12	46.5	-	CW
0945	9	25.8	48	9	12.1	46.5	-	CW
0961	11	29.5	61.5	9	12	54.5	-	CW
0983	10	27.5	61	10	12	60	-	CW
0991	9	35.5	61	10	12	60	-	CW
1023	11	29.38	54.5	9	12	54.5	18.8	CW
1074	10	27.94	54.5	9	12	54.5	18.8	CW
1162	10	32	61	9	12	54.5	-	CW
1458	11	30.04	54.5	10	12	54.5	6.5	CW
1607	10	32.18	54.5	9	12	54.5	1	CW

Familia/Familia/Family 085



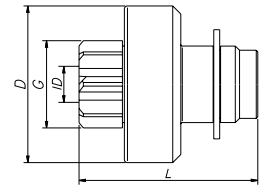
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LARGO	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO DE ROTAÇÃO ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
0287	9	25.8	55	9	12	46.5	-	CW
0570	11	29.5	59	9	12	46.5	-	CW
0787	9	25.82	51.5	10	12	46.5	-	CW
1209	10	27.94	51.5	10	12	46.5	-	CW

Familia/Familia/Family 086



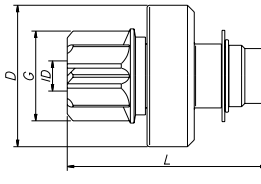
	T	G	L	SPL	ID	D	RH	CW/CCW
0935	11	29.5	55	9	12	46.5	-	CW
1187	9	25.8	55	9	12	46.5	-	CW

Familia/Familia/Family 087



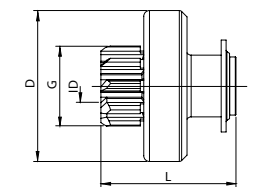
	T	G	L	SPL	ID	D	RH	CW/CCW
0647	11	34.4	76.5	9	12	54.5	-	CW

Familia/Familia/Family 088



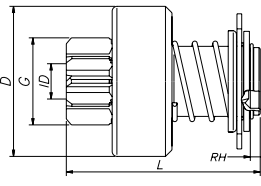
	T	G	L	SPL	ID	D	RH	CW/CCW
1533	9	24.5	41.15	10	11	46	-	CW
1686	9	24.5	41.15	4	10.12		-	-

Familia/Familia/Family 089



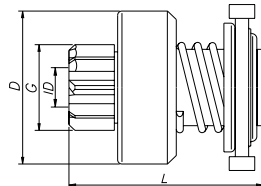
	T	G	L	SPL	ID	D	RH	CW/CCW
0407	9	34.8	77.5	6	14.3	60	4	CW
0601	9	34.8	77.5	6	14.3	60	-	CW
1161	11	30	77.5	6	14.3	60	-	CW
1678	10	40	81.8	10	14.3	60	-	CW

Familia/Familia/Family 091



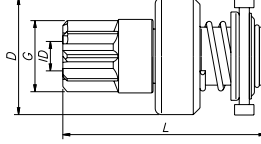
	T	G	L	SPL	ID	D	RH	CW/CCW
0406	9	25.8	64	10	11	46.5	-	CCW
0420	9	25.8	64	10	12	46.5	-	CW
0633	10	26.82	64	10	12	46.5	-	CW

Familia/Familia/Family 092

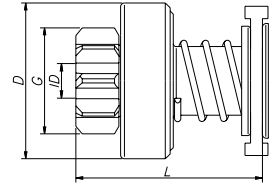


	T	G	L	SPL	ID	D	RH	CW/CCW
0428	9	25.8	85	10	12	46.5	-	CCW

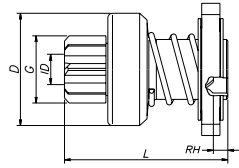
Familia/Familia/Family 093



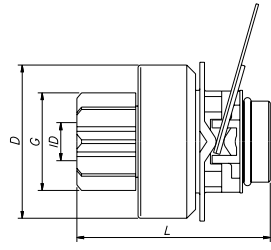
NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑÓN # OF PINION TEETH	DIÁMETRO EXTERNO PINION- DIMENSIÓN EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINION- DIMENSIÓN INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSIÓN EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DEL REBAJO HEIGHT OF RABBIT	SENTIDO DE ROTACIÓN ROTAÇÃO ROTATION	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	094
0852	8	27.2	52.0	10	11	46.5	-	CW	
0861	9	36.8	62	10	12	54.5	-	CW	
0925	9	25.8	49.5	10	12	46.5	-	CW	
0929	11	35.8	62	10	12	54.5	-	CW	
0938	10	26.82	48.5	10	12	46.5	-	CW	
0976	9	25.8	47.5	10	12	46.5	-	CW	
0997	9	29.64	49	10	12	46.5	-	CW	
0998	9	29.64	47	10	12	46.5	-	CW	
1022	9	35.5	57.5	16	12	54.5	16.5	CW	
1030	11	29.5	49	10	12	54.5	19	CW	
1031	10	27.94	49	10	12	50.5	-	CW	
1033	9	29.64	49.0	10	12	54.5	19	CW	
1037	10	27.94	49	10	12	46.5	-	CW	
1057	10	27.94	49	10	12	54.5	19	CW	
1058	11	29.5	49	10	12	50.5	-	CW	
1071	10	27.5	58.5	10	12	54.5	-	CW	
1107	10	38.8	49	10	12	54.5	19	CW	
1109	10	27.94	55	10	12	54.5	-	CW	
1155	9	34.8	49	10	12	50.3	-	CW	
1156	21	49.7	47	10	12	54.5	19	CW	
1157	9	34.8	83	10	14.3	60	18.3	CW	
1158	9	35.5	62	16	12	54.5	-	CW	
1159	10	40	83	10	14.3	60	18.3	CW	
1160	12	46.3	83	10	14.3	60	18.3	CW	
1168	9	36.3	49.0	10	12	54.5	19	CW	
1170	10	38.8	56	10	12	54.5	-	CW	
1172	11	28.8	54	10	12	54.5	-	CW	
1173	9	35.2	58.5	10	12	54.5	-	CW	
1174	9	35.2	58.5	10	12	54.5	-	CW	
1178	10	37.8	84	10	14.3	60	-	CW	
1179	11	41	83	10	14.3	60	-	CW	
1223	9	25.8	80.5	16	11	46.5	-	CW	
1451	9	29.6	49	10	12	46.5	-	CCW	
1469	10	27.94	49	10	12	54.5	-	CW	
1472	11	35.8	62	16	12	46.5	14	CW	
1474	9	25.8	58.5	10	12	46.5	14	CW	
1478	8	27.2	47	10	11	54.5	-	CW	
1483	9	34.8	62	16	12	54.5	14	CW	
1485	10	27.94	70	16	12	50.5	-	CW	
1540	10	27.92	49	10	12	46.5	-	CW	
1547	11	35.4	47	10	12	47.4	-	CW	
1550	9	35.5	62	10	12	54.5	-	CW	
1562	9	34.8	58.5	10	12	54.5	-	CW	
1624	9	34.8	76	10	14.26	60	13	CW	
1629	10	27.5	57.5	16	12	52.5	14.5	CW	
1631	10	33	60	10	12	53.5	-	CW	
1638	9	34.8	69.5	10	12	52.7	12	CW	
1642	12	38.8	56	10	12.06	53.5	-	CW	
1643	9	29.64	58	16	12	54.5	13.2	CW	
1650	9	36.3	55	10	12	54.5	-	CW	
1675	10	32.95	58.5	10	12.03	52.8	9	CW	
1690	10	40	58.5	10	12.03	52.8	-	CW	
1691	10	32	69.5	10	12	53.5	-	CW	



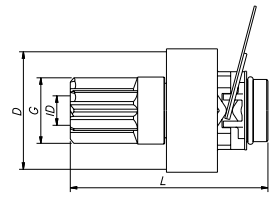
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA (mm)	COMPRIMENTO TOTAL LONG (mm)	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA (mm)	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D. (mm)	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTATION
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
610	9	25.8	68	3	12	43.5	6	CW
611	9	25.8	68	6	12	43.5	6	CW
612	9	25.8	69	3	12	43.5	-	CW
752	9	25.8	63	6	12	43.5	5.5	CW



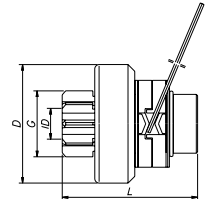
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0467	9	25.8	54.5	9	12.1	46.5	-	CW
0468	9	25.8	51.5	9	12.1	46.5	-	CW
0469	10	26.82	63.5	9	12	46.5	-	CW
0740	11	29.5	58.5	9	12	46.5	-	CW
0741	9	25.8	58	9	12	46.5	-	CW
0742	9	25.8	64	9	12	46.5	-	CW
0743	11	29.5	54.5	9	12.1	46.5	-	CW
0753	9	25.8	67.5	9	12.1	46.5	-	CCW



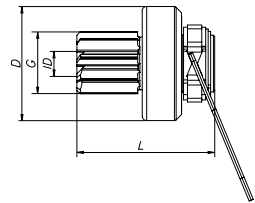
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0762	10	27.94	86.5	9	12.1	46.5	-	CCW



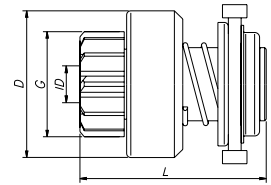
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0574	9	25.8	53	9	12	46.5	-	CW
0820	10	26.82	50.5	9	12.1	46.5	-	CW
0821	10	26.82	44	9	12.1	46.5	-	CW
0822	10	26.82	56.5	9	12.1	46.5	-	CCW
0823	10	26.82	48	9	12.1	46.5	3	CW
1068	9	25.8	53	9	12.06	46.5	-	CCW



T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0863	8	28.20	48	9	12.1	46	3	CW
0960	10	26.82	60.5	9	12.1	46.5	3	CCW
1062	8	28	65.5	9	12.06	46.5	-	CW
1475	9	25.8	56	9	12.1	46.5	-	CW



T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0474	9	25.8	64	10	12	46.5	3	CW
0475	9	29.64	58.5	10	12	46.5	-	CW
0482	9	25.8	58.5	10	12	46.5	-	CW
0520	10	26.82	58.5	10	12	46.5	-	CW
0532	9	25.9	58.5	10	11	46.5	-	CW
0572	10	27.5	65	10	12	54.5	-	CW
0573	9	29.64	62	10	12	54.5	-	CW
0575	10	27.94	58.5	10	12	46.5	-	CW
0630	10	27.94	58.5	10	12	46.5	-	CW
0631	9	25.8	62	10	12	54.5	-	CW
0632	10	27.5	62	10	12	54.5	-	CW
0706	11	29.5	62	10	12	54.5	-	CW
0794	10	33	58.5	10	12	46.5	-	CCW

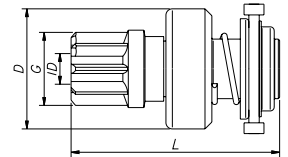


NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINÓN- DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINÓN- DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE REBAIXO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTATION
0796	9	25.8	65.5	10	12	54.5	-	CW
0798	9	25.8	58.5	10	12	46.5	-	CCW
0800	11	29.5	59	10	12	54.5	-	CW
0838	9	34.8	62	10	12	54.5	-	CW
0871	8	28.2	59	10	12	46.5	-	CW
0875	9	35.50	62	10	12	54.5	-	CW
0962	10	26.82	59	10	12	54.5	-	CW
1065	9	29.64	58.5	10	12	46.5	-	CCW
1067	9	25.8	59	10	12	54.5	-	CW
1070	9	35.2	62	10	12	54.5	-	CW
1072	9	29.64	62	10	12	54.5	-	CW
1153	9	25.8	46	10	12	46.5	-	CW
1171	10	26.82	62	10	12	54.5	-	CW
1470	10	33.02	58.5	10	12	46.5	-	CCW
1471	9	25.8	53.5	10	12	46.5	-	CW
1487	13	39.5	59	10	12	54.5	-	CW

Cont. Família/Familia/Family 100

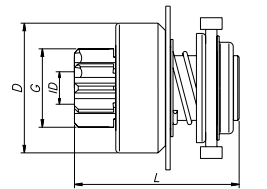
	T	G	L	SPL	ID	D	RH	CW/CCW
0613	9	25.8	79.5	10	12	46.5	-	CCW
0933	10	27.94	90	16	9	46.5	-	CCW
1011	8	27.2	69.5	10	12	46.5	-	CCW
1222	10	27.94	90	16	11	46.5	-	CCW
1177	9	25.8	90	16	11	47.4	-	CW
1468	9	25.8	90	16	11	46.5	-	CCW

Família/Familia/Family 101



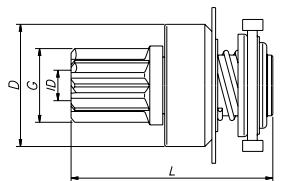
	T	G	L	SPL	ID	D	RH	CW/CCW
0579	9	25.8	58.5	10	12	46.5	-	CCW
0619	9	25.8	58.5	10	11	46.5	-	CCW
0799	9	25.8	55.5	10	12	46.5	-	CCW
0805	11	29.5	58.5	10	12	46.5	-	CCW
0866	9	25.8	59.5	10	12	46.5	-	CW

Família/Familia/Family 102



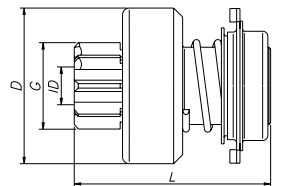
	T	G	L	SPL	ID	D	RH	CW/CCW
0639	10	27.94	79.5	10	12	54.5	-	CCW
0729	10	27.94	76.5	10	12	46.5	-	CCW
0851	10	27.94	86	10	12	54.5	-	CCW
0900	10	27.94	79.5	10	12	46.5	-	CCW

Família/Familia/Family 103



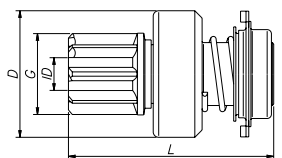
	T	G	L	SPL	ID	D	RH	CW/CCW
0702	9	25.8	58.5	10	11	46.5	-	CCW
0703	9	25.8	68	10	11	46.5	-	CCW

Família/Familia/Family 104



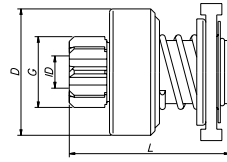
	T	G	L	SPL	ID	D	RH	CW/CCW
0701	9	29.6	75	10	12	46.5	-	CCW

Família/Familia/Family 105



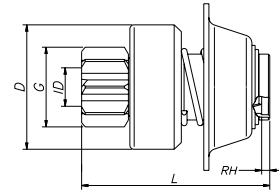
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONG	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO DE ROTAÇÃO ROTATION
T	G	L	SPL	ID	D	RH	CW/CCW	
0781	11	29.5	64	10	12	46.5	-	CW
0803	9	25.8	58.5	10	12	46.5	-	CW
1467	8	27.2	66.5	10	12	46.5	-	CCW

Familia/Familia/Family 106



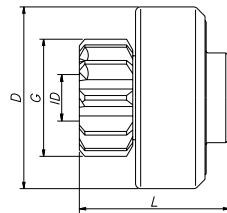
T	G	L	SPL	ID	D	RH	CW/CCW	
0533	9	29.64	70	6	14	46.5	3	CW
0713	9	29.64	70	3	14	46.5	-	CW

Familia/Familia/Family 107



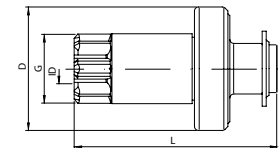
T	G	L	SPL	ID	D	RH	CW/CCW	
0536	9	30	39.5	6	12	46.5	1.8	CCW
0655	9	29.6	36.5	6	12.8	46.5	-	CCW
0708	10	32.18	36.5	6	11.96	46.5	-	CCW
0754	11	33.5	39.5	6	12	46.5	1.8	CCW
0773	9	29.64	34	6	12	46.5	-	CCW
0898	11	43.1	40.5	19	12	54.5	-	CW
1191	9	30	39.5	6	12	46.5	1.8	CCW
1218	8	28	34	6	12	46.5	-	CCW
1452	10	32.18	36.5	6	11.96	46.5	-	CCW
1453	9	29.66	36.5	6	11.96	46.5	-	CCW
1454	9	29	36.5	6	11.96	46.5	-	CCW
1455	10	32.18	36.5	6	11.96	43.5	-	CCW

Familia/Familia/Family 108



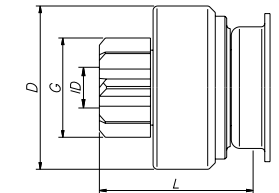
T	G	L	SPL	ID	D	RH	CW/CCW	
1534	9	25.8	75	10	10	46	-	CCW

Familia/Familia/Family 109



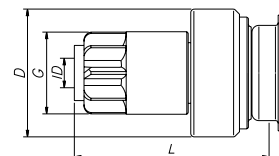
T	G	L	SPL	ID	D	RH	CW/CCW	
0595	8	28.2	44	8	12	46.5	-	CW
0617	9	30	51	8	12	46.5	-	CW
0679	8	28.2	58.5	8	12	46.5	-	CW
0711	8	28.2	76	8	12	46.5	-	CW
0801	10	33	51	8	12	46.5	-	CW
0825	10	27.94	51	8	12	46.5	-	CW
1538	10	33	57.5	8	12	46.5	-	CW

Familia/Familia/Family 110

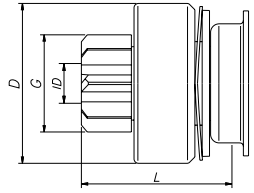


T	G	L	SPL	ID	D	RH	CW/CCW	
0712	9	29.64	77	8	10.7	46.5	-	CW
1592	9	29.64	68	8	10.69	46.5	-	CW
1680	10	27.94	75	8	10.69	46.5	-	CW

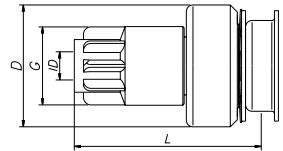
Familia/Familia/Family 111



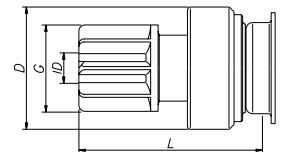
NÚMERO ZEN NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑÓN # OF PINION TEETH	DIÁMETRO EXTERNO PINÓN - DIMENSIÓN EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # DE STRIPAS # OF SPLINES	DIÁMETRO DA BUCHA PINÓN - DIMENSIÓN INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSIÓN EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DEL REBAJO HEIGHT OF RABBIT	SENTIDO DE ROTACIÓN ROTAÇÃO ROTATION	Familia/Familia/Family
T	G	L	SPL	ID	D	RH	CW/CCW	112	
0596	10	31.7	44.5	8	12	46.5	-	CW	
0597	10	27.94	44.5	8	12	46.5	-	CW	
0806	12	31.8	51.5	8	12	46.5	-	CW	
1024	10	33	51.5	8	13.01	46.5	-	CW	
1063	9	35.5	44.5	8	13.01	46.5	-	CW	
1567	12	37.6	44.5	8	13.01	46.5	-	CW	



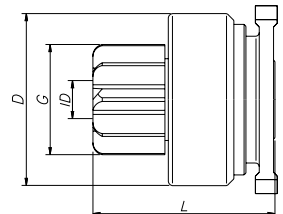
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0758	9	29.64	78.5	8	10.7	46.5	-	CW



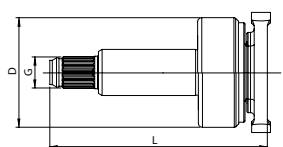
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
1018	8	28.2	76	8	12	46.5	-	CCW
1019	30	-	93	8	10.74	46.5	-	CCW
1687	30	-	93	8	10.74	46.5	-	CW



T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
1192	10	27.94	47	12	12	46.5	2	CW
1224	10	27.94	46.6	12	12	45.3	1.85	CW
1193	9	30	47	12	12	46.5	2	CW
1225	9	30	46.5	12	12	46.5	1.85	CW
1199	12	31.8	47	12	12	46.5	2	CW
1226	12	31.8	46.5	12	12	46.5	1.85	CW
1208	10	26.82	47	12	12	46.5	2	CW
1228	10	26.82	46.5	12	12	45.3	1.85	CW
0856	9	29.64	72.5	12	10.7	46.5	2	CW
0890	23	54.4	46	12	12	45.3	1.85	CW
0907	13	46	46	12	12.01	45.3	1.85	CW
1217	9	37.18	46.6	12	12	48.7	1.8	CW
1539	12	37.6	46.5	12	12	45.3	1.85	CCW
1552	9	25.8	47	12	12	46.5	2	CW
1553	11	30	47	12	12	46.5	2	CW
1570	9	25.8	44.5	12	12	46.5	2	CW
1575	10	33.02	44.5	12	12	46.5	2	CW
1585	11	34.4	46.6	6	12.06	45.3	-	CW
1612	11	34.4	44.5	12	12	46.5	2	CW
1646	12	37.8	47	12	12	46.5	2	CW
1677	-	-	89.8	6	-	45.3	-	CCW

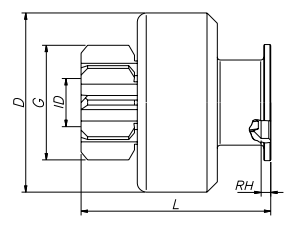


T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0959	18	13.2	82	6	12	45.3	-	CW



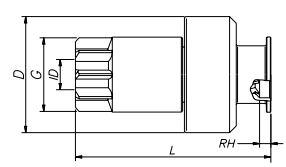
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBANO ALTURA DEL REBADO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTATION
	T	G	L (mm)	SPL	ID (mm)	D (mm)	RH (mm)	CW/CCW
0634	9	29.6	49	10	12.5	46.5	2.5	CW
0915	9	25.8	55	9	12.06	46.5	4	CW
0978	10	40	61	10	12	60	-	CW
0990	10	26.82	55	9	12.1	46.5	4	CW
1020	8	28	38.5	10	12.51	46.5	8.5	CW
1021	8	28	48.5	10	12.5	46.5	8.5	CW
1134	10	27.94	55	9	12.1	46.5	4	CW
1556	11	34.8	38.5	10	12.51	46.5	8.5	CW
1557	13	33.3	38.5	10	12.51	46.5	8.5	CW
1617	11	34.4	55.5	9	12.06	46	-	CW
1621	13	46	55	9	12.06	46.5	-	CCW
1636	9	34.8	55	9	12.06	46.5	-	CW

Familia/Familia/Family 117



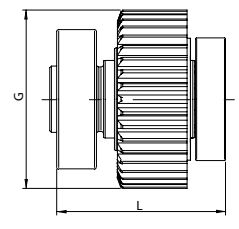
	T	G	L	SPL	ID	D	RH	CW/CCW
0687	9	29.64	78	5	12.5	46.5	4.5	CW
0828	9	29.64	66	5	12.5	46.5	-	CW
1016	8	28	75	10	12.5	46.5	7.5	CCW
1017	10	32.18	75	10	12.5	46.5	7.5	CCW

Familia/Familia/Family 118



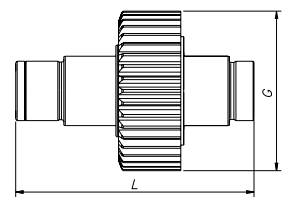
	T	G	L	SPL	ID	D	RH	CW/CCW
1473	-	-	80.5	-	-	-	-	-

Familia/Familia/Family 120



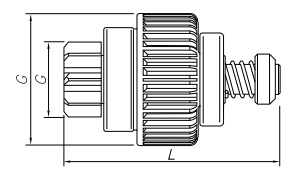
	T	G	L	SPL	ID	D	RH	CW/CCW
1211	-	-	80.5	-	-	-	-	CCW
1212	-	-	80.5	-	-	-	-	CCW
1213	-	-	52	-	-	-	-	CCW

Familia/Familia/Family 121



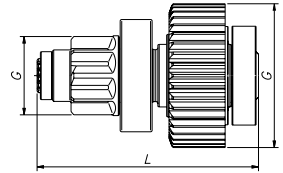
	T	G	L	SPL	ID	D	RH	CW/CCW
0737	9	-	87	-	-	-	-	CW
1200	-	-	50	-	-	-	-	CW
0790	9	-	87	-	-	-	-	CW
0791	8	-	87	-	-	-	-	CW
0792	9	-	87	-	-	-	-	CW
0793	8	-	94	-	-	-	-	CCW
1207	-	-	50	-	-	-	-	CCW
0844	9	-	87	-	-	-	-	CW
0892	9	-	78.5	-	-	-	-	CCW
1081	12	-	92.7	-	-	-	-	CW
1608	9	36	92	-	-	-	-	CW
1676	12	37.26	-	7	-	-	-	-

Familia/Familia/Family 122



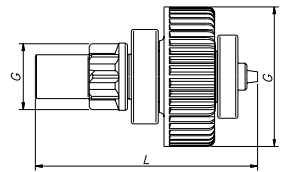
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE RABBIT	SENTIDO DE ROTAÇÃO ROTATION
	T	G	L (mm)	SPL	ID (mm)	D (mm)	RH	CW/CCW
0750	11	-	83	-	-	-	-	CW
1201	-	-	52	-	-	-	-	CW
0816	10	-	83	-	-	-	-	CW
0817	10	-	83	-	-	-	-	CW
0818	9	-	83	-	-	-	-	CW
0921	11	-	102	-	-	-	-	CW
1215	-	-	64	-	-	-	-	CCW
0946	9	-	102	-	-	-	-	CW
0947	9	-	102	-	-	-	-	CW
0954	10	-	83	-	-	-	-	CW
1097	10	-	102	-	-	-	-	CW
1555	13	-	-	-	-	-	-	-
1566	10	-	98	-	-	-	-	CW
1601	11	-	102	-	-	-	-	CW

Familia/Familia/Family 124



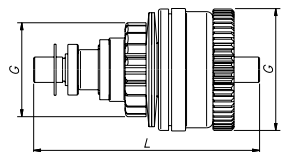
	T	G	L	SPL	ID	D	RH	CW/CCW
0815	9	-	99	-	-	-	-	CW
1548	9	-	95.7	-	-	-	-	CW

Familia/Familia/Family 125



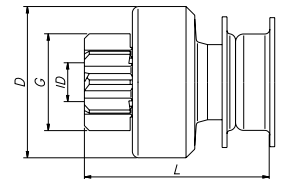
	T	G	L	SPL	ID	D	RH	CW/CCW
0749	19	-	107	-	-	-	-	CCW
0751	17	-	91.5	-	-	-	-	CCW
1036	23	-	107	-	-	-	-	CCW

Familia/Familia/Family 126



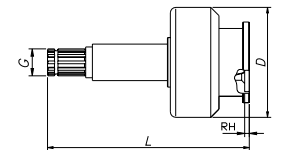
	T	G	L	SPL	ID	D	RH	CW/CCW
0896	9	29.64	53.5	12	12	46.5	-	CW
1088	11	29.5	56.5	12	12	46.5	-	CCW

Familia/Familia/Family 127



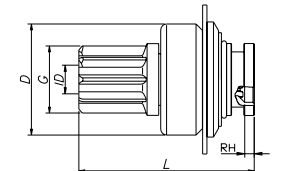
	T	G	L	SPL	ID	D	RH	CW/CCW
0887	20	14.7	110	5	-	60	-	CW
1563	20	14.7	91	5	12	54.5	5.5	CW
1647	17	13.9	-	-	-	12	0	-
1661	26	19.02	133.5	6	14.01	67.1	0	CW
1679	21	16.5	131.3	7	12	60	-	CW

Familia/Familia/Family 128



	T	G	L	SPL	ID	D	RH	CW/CCW
0860	10	27.94	73	9	12.1	46.5	4	CCW
1133	9	25.8	55	9	12.1	46.5	4	CW

Familia/Familia/Family 129





Ficha dos Produtos

Informaciones sobre el Producto
Products Information

Impulsores de Partida	154
<i>Impulsores de Arranque</i>	
<i>Starter Drives</i>	
Engrenagens	360
<i>Piñones</i>	
<i>Gears</i>	

0001



T9 | SPL6 | CW

Fam. 20

ORIGINAL

Wapsa: 224001

MOTOR

Wapsa: MALF2 - MALF3 - MALW12 - MALW14 - MALW2 - MALW3 - MPF6 - MPF7

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Caminhão F100, F350, F600. Galaxie até 05/70. Landau até 05/70.

General Motors

0005



T9 | SPL6 | CW

Fam. 20

ORIGINAL

Wapsa: 224001

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Willys: Aero Willys até 05/70. Itamaraty até 05/70. Jeep até 05/70. Pick-up até 05/70. Rural até 05/70.

0006



T9 | SPL3 | CCW

Fam. 23

ORIGINAL

Bosch: 9001082421

Lucas Indiel: 223101

Volkswagen: 111911335B

MOTOR

Bosch: 0001205005 - 0001205012 - 0001205016 - 9000082000

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Karmann-Ghia c/ partida Bosch 6V. Kombi 1.2 c/ partida Bosch 6V. (Fusca) Sedan 1.2 c/ partida Bosch 6V. 1200. 1300.

0010



T9 | SPL6 | CW

Fam. 20

ORIGINAL

Bosch: 1987BE0125

General Motors: 07363070

Lester: 3639 - 3690 - 4238

Lucas: TDB070

Lucas Indiel: 221710

Remy: 7363070

Wapsa: 224034

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Pick-up C10, C14, C15 a partir de 64.

TCM Equipment Ag: GM - Pick-up C10,14, 15. Chevrolet Brasil a partir de 64.

0013

T9 | SPL3 | CW

Fam. 20

ORIGINAL

Chrysler: DR1900
Leece-Neville: M2904204
Lester: 3630 - 3637 - 3639 - 3643 - 3690 - 4150 - 4161 - 4222 - 4238 - 4247
Lucas Indiel: 223137
Remy: D2003 - D2028 - 1932185 - 1932188 - 1939506 - 1974355
Ww: 480466

MOTOR

Remy: 1107208 - 1107223 - 1107270 - 110727 - 110727 - 1107354 - 1107389 - 1107397 - 1107398 - 1107641 - 1107652 - 1107653
 1107655 - 1107657 - 1107661 - 1107665 - 1107668

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: C20, Pick-up Apache.
Opel: Ascona. Blitz. Kadett, Kadett B, C. Manta. Rekord B, C.

0015

T9 | SPL3 | CW

Fam. 21

Substitui/Cambiar/Replaces
0072/0008**ORIGINAL**

Bosch: 1006208030 - 1006208036 - 1006209010 - 1006209011 - 1006209013 - 1006209015 - 1006209016 - 1006209123 - 1006209124
 1006209901 - 1006209903 - 9001082014 - 9001082016 - 9001082423 - 9001082429
Lester: 16313 - 16314 - 16320 - 16345 - 16346
Lucas Indiel: 223138 **Volkswagen:** 80415

MOTOR

Bosch: NN9 - 0001201009 - 0001201010 - 0001203008 - 0001203024 - 0001203025 - 0001203026 - 0001205017 - 0001304002
 0001304012 - 0001304013 - 0001305008 - 0001352003 - 9000082001 - 9000082015

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: Alfa Romeo JK2000, JK2150 c/ partida Bosch. **Audi:** 1000.
BMW: 503, 2600, 2600L. 3200, 3200CS.
Ford: 12M, 15M, 17M. Maverick c/ motor 6 cil. Transit 1000. Transit 1.0, 1250cc.
Mercedes Benz: 108B, 190B. **Opel:** Blitz 1.9. Kapitän P. Record PII.
Puma: Puma GT Malzoni c/ partida Bosch. **Volvo:** 121, 122 partida Bosch 58/64.

0020

T9 | SPL3 | CW

Fam. 20

ORIGINAL

Bosch: 1987BE0000 **Chrysler:** DR1902 - DR1905 **Leece-Neville:** 04207 **Lester:** 3503 - 3504 - 3505 - 3507 - 3508 - 3508M - 3510
 3510M - 3524 - 3525 - 3533 - 3535 - 3546 - 3550 - 3551 - 3552 - 3553 - 3554 - 3557 - 3560 - 3561 - 3563 - 3564 - 3565 - 3568 - 3569
 3571 - 3627 - 3629 - 3631 - 3633 - 3635 - 3649 - 3666 - 3674 - 3686 - 3689 - 3691 - 3696 - 3733 - 3800 - 3838 - 4038 - 4208 - 4247
 4253 - 4263 - 4347 - 4724 - 6303 - 6311 - 6375 **Lucas Indiel:** 223102 **Remy:** D2008 - D2014 - D2020 - D2049 - 10456422 - 1108481
 1875687 - 1875687/1108481 - 1935827 - 1935829 - 1945842 - 1947727 - 1954842 - 1954867 - 1965538 - 1965723 - 1965923

MOTOR

Remy: 1107163 - 1107219 - 1107233 - 1107237 - 1107242 - 1107248 - 1107259 - 1107260 - 1107266 - 1107273 - 1107274 - 1107286
 1107289 - 1107293 - 1107294 - 1107298 - 1107299 - 1107301 - 1107302 - 1107303 - 1107306 - 1107307 - 1107313 - 1107314
 1107315 - 1107316 - 1107317 - 1107320 - 1107321 - 1107330 - 1107331 - 1107336 - 1107340 - 1107342 - 1107345 - 1107346
 1107347 - 1107349 - 1107352 - 1107353 - 1107355 - 1107360 - 1107361 - 1107363 - 1107365 - 1107367 - 1107368 - 1107369
 1107370 - 1107371 - 1107372 - 1107373 - 1107374 - 1107889

APLICAÇÃO / APLICACIÓN / APPLICATION

Chevrolet: 400 c/ partida Delco Remy. **Ford:**
General Motors: C20 c/ partida Delco Argentino e 3 estrias. Opala 4 e 6 cil. c/ partida Delco Argentino e 3 estrias. Silverado gasolina c/
 partida Delco Argentino e 3 estrias. **Willys:** Utilitário Jeep de 69 a 71 c/ partida Delco Remy.

0022

T9 | SPL6 | CW

Fam. 20

ORIGINAL

Lucas Indiel: 223140
Wapsa: 224002

MOTOR

Wapsa: MALBD1 - MALBD2 - MALI1 - MPC1

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark: CFY40, CFY50 (Willys 6 cyl.). Empilhadeira CFY40, CFY50 c/ motor Willys 6 cil. até 77.

0024



T10 | SPL6 | CW

Fam. 20

Substitui/Cambiar/Replaces 0107

ORIGINAL

Bosch: 9001453333 - 9001453334 - 9001453338 **General Motors:** 07328970 **Lucas:** TNB460 **Lucas Indiel:** 222460
Volkswagen: BC4N11350A - 04128642 **Wapsa:** 224004 - 224038 - 224043 - 2244 - 2244036

MOTOR

Bosch: 9000453001 - 9000453004 - 9000453005 - 9000453006 - 9000453009 - 9000453011 - 9000453014 - 9000453015
 9000453016 - 9000453017 - 9000453019 - 9000453028 - 9000453032 - 9000453034 - 9000453038 - 9000453041
 9000453042 - 9000453043 - 9000453046 - 9000453047 - 9000453049 - 9000453050 - 9000453051 - 9000453052
 9000453054 - 9000453059 - 9000453061

Wapsa: MALMF2 - MALP2 - MALTF1 - MALTF2 - MPB1 - MPB11 - MPB17 - MPB18 - MPB2 - MPB23 - MPB31 - MPB33 MPB49
 MPB50 - MPB59 - MPB60 - MPB63 - MPB70 - MPC69 - MPF8 - MPJ1074 - MPMF3 - MPN2

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: 580/E/CK (Perkins). Pá Carregadeira W7 c/ motor Perkins 6 cil. e partida Wapsa. Retroescavadeira 580, 580E, 580CK c/ motor Perkins 4 cil. e 580H c/ partida Wapsa. **CBT:** Trator 1000, 1090, 1100 c/ motor Perkins 4 e 6 cil. Trator 8240 a álcool c/ motor Perkins 4236. **Chevrolet:** Pick up D20 91-... **Chrysler:** Caminhão Dodge D400 4 cil. c/ motor Perkins e partida Wapsa. **Clark:** 75A-II-III, 300/HY 40/50/60, C-500 Y110/135/155. Empilhadeira C-300, HY 40, 50, 60, C-500 Y110, 135, 155. Motor PK4236 - Pick-up militar. Pá Carregadeira Michigan 75A, 75II, 75III c/ partida Wapsa. **Ford:** F11000 c/ motor Perkins 6 cil. F12000 c/ motor Perkins 6 cil. F13000 c/ motor Perkins 6 cil. F2000 c/ motor diesel Ford 4 cil. F4000 c/ motor diesel Ford 4 cil. Trator 4600, 5600 e 6600 4 cil. **General Motors:** Caminhão c/ partida Wapsa c/ motor Perkins 6 cil. Pick-up diesel c/ motor Perkins 4 cil. e partida Wapsa. **Massey Ferguson:** Colheitadeira/Combine/Cosechadora MF220 c/ partida Wapsa. Trator MF235, MF250, MF275, MF285, MF290, MF296, MF3366, MF400, MF50X, MF55X, MF65R, MF65X, MF85X, MF95I. Trator MF95X c/ partida Wapsa de 11/71 a 08/77. MF290 RA c/ motor Perkins 4236 diesel. **New Holland:** Trator 4600, 4610, 5600, 5610, 6600, 6610, 7610, c/ motor diesel 4 cil. **Perkins:** 4, 6 cil. Perkins, 248 (Trator CBT 8240 a partir de 01/84. Trator MF283). Perkins, 4236 A (Trator MF275, 275/4, 290, 290/4, 275, 275/4, 283, 290/4, 292, 292 Turbo a partir de 04/76). Perkins, 6.354/4 (Trator CBT 8260 4x4 a partir de 01/84). A6.358 (Trator Ideal 9110, 9130, 9150, 9170, a partir de 08/89. Trator MF296/4, 296, 400 a partir de 04/76). Perkins, motor 4 e 6 cil. (GM, Ford, Dodge, CBT, Case c/ partida Wapsa). Perkins, motor Industrial 3152, 4203, 4236, 6354.4, 6358 c/ partida Bosch JF. **Volkswagen:** Caminhão 6.80 c/ motor Perkins.

0025



T9 | SPL6 | CW

Fam. 20

ORIGINAL

Bosch: 9001453391
Lucas: TNB463
Lucas Indiel: 222463
Mercedes Benz: 3431517113
Wapsa: 224010

MOTOR

Wapsa: MALMWM3 - MALMWM4 - MALT1 - MPB19 - MPT2 - MPT2N

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: F100, F150, F1000.
Mercedes Benz: Caminhão c/ motor 0321H2, 0321H, 321 após dez/73. Ônibus c/ partida Wapsa.
Toyota: Utilitário Bandeirante c/ partida Wapsa.
Volkswagen: Caminhão 81.

0028



T9 | SPL3 | CW

Fam. 21

ORIGINAL

Bosch: 2006209043 - 2006209068 - 2006209183 - 2006209212 - 2006209900 - 2006209915
Italacciai: SD061 **Lester:** 16365
Lucas: TNB044 **Lucas Indiel:** 223103

MOTOR

Bosch: 0001354016 - 0001354064 - 0001354076

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Caminhão TX1600 até 12/84 MWM-D 229-3. **Carraro:** Victory 2500, 3500. **Eicher:** Leopard, Panther, Puma. **Fendt:** Farmer IE, IZ, 2DE, 3 S, 4S, Granit 500, 501, Perfekt 300. **Hatz:** Z 90 R, Z 150 R. **Lamborghini:** 226, 230, 340, 452, 90-2, 90-4, LDA 78/4. **Lombardini:** LDA 78/4, 90/2, 90/4. **Mercedes Benz:** 10DA, 15DA, 22DA, 30SA, 180DB, 190DB, L319D, L405. 180DB, 190DB, L319D, L405, L406, 02319D. **MWM:** Motores D225-3, D225-4, D229-3. **Renault:** 7052. **Steyr Puch:** 3 Kanal. **Valmet:** Trator 1101D (MWM-D 225-6), 851D (MWM-D 229-3) até 07/77. Trator 621D e 651D (MWM-D 225-3), 68, 68 Cafeeiro, 68 Especial (MWM-D 229-3) até 07/85. 10, 11, 15, 22, 30, 35, 50DA.

0032**ORIGINAL**

Autolite-Prestolite: EBA44 - EBA44A - EBA47 - EBB111 - EBB132 - EBB159A - EBB4A - EBB78A - EBB95 - P59141 - P59146 - P59147 - P59195 - P59210 - 0637

Chrysler: F01907

Ford: C1AF11350A - C1AZ11350A - FAA11350A - FAU11350A - ICM11350A - ICM11350B - ICM11350C - 2900761

Lucas Indiel: 223145

Remy: 1883768 - 1922419 - 1923288 - 1933214 - 1938976 - 1939178 - 1950398 - 1954437 - 1958842 - 1961372

MOTOR

Ford: B5C11002A - 2900550 - 2900557 - 2900726 - 2900804

Remy: 1107213 - 1107258 - 1107261 - 1107322 - 1107741 - 1107788 - 1107881 - 1107928 - 1108014 - 1108032 - 1108047 - 1108048 - 1108052 - 1108056 - 1108061 - 1108062 - 1108063 - 1108064 - 1108065 - 1108066 - 1108071 - 1108081 - 1108113 - 1108152 - 1108163 - 1108166 - 1108168 - 1108169 - 1108170 - 1108171 - 1108182 - 1108235 - 1108258 - 1109388 - 1109395 - 1109462 - 1109479

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Caminhão F600 c/ partida Autolite à gasolina. Campana C/R.

Willys: Linha Willys c/ partida Autolite de 52 a 61.

0034**ORIGINAL**

Bosch: 9001083440

Lucas: TNB461

Lucas Indiel: 222461

Mercedes Benz: 3431517113

MOTOR

Bosch: 0001358030 - 9000082020 - 9000083001 - 9000083011 - 9000083012 - 9000083014 - 9000083018 - 9000083020 - 9000083029

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: Pá Carregadeira W20 até 09/76 c/ partida JD (MBB-OM 352). **CBT:** Trator Oliver 1020, 1065 (MBB-OM 314), 1105, 950 c/ partida JD até 09/76. **Chrysler:** Caminhão Dodge D950 até 07/77 c/ motor MWM e partida Bosch JD. **Clark:** Pá Carregadeira Michigan 55A, 65R, 75III c/ partida Bosch JD até 09/76. **Massey Ferguson:** Trator MF85 c/ partida MWM D226-4. **Mercedes Benz:** Caminhão 1111 (OM321), 1113, 1313, 1513, 2013, 2213 (OM352) 1316, 1516, 2016, 2216 (OM352A). Microônibus L608D (OM314). Motor Estacionário, Gerador, Industrial e Marítimo L408DG, L508G, L608DG, LP608, LP808, OM314, OM321, OM324, OM326, OM352, OM352A, U54, U66, U72, U80. Motor OM321 Marítimo 1959 ED. Motor OM324 Marítimo 1961 ED. Motor OM326 Marítimo 1963. Ônibus O362, O362A, todos c/ partida JD até 09/76. **MWM:** Motor D225-6 até 07/77. **Toyota:** Utilitário Bandeirante (MBB-OM314) até 09/76.

0035**ORIGINAL**

Bosch: 2006380010 - 2006380410 - 2006380414 - 2006380418 - 2006381410 **Fiat:** 8122125 - 9004794 - 9923779 **Iskra:** 18100098

Italacciai: SP201 **Lester:** 16369 - 17108 - 18039 **Lucas Indiel:** 223104 **Magneti-Marelli:** 74372520 - 74372530

MOTOR

Bosch: 0001400152 - 0001401007 - 0001401025 - 0001401041 - 0001401049 - 0001401050 - 0001401051 - 0001401052 - 0001401061 - 0001401066 - 0001401074 - 0001402008 - 0001402050 - 0001402054 - 0001402055 - 0001402058 - 0001402059 - 0001402060 - 0001402061 - 0001402071 - 0001402075 - 0001402080 - 0001402081 - 0001402083 - 0001501001 - 0001501038 - 9967600004

Efel: 22202 **Fiat:** 4127580 - 587624 - 8961386 - 8962211 - 8962232 **Iskra:** 10130121 - 10130123 - 11130005 - 11130009 - 11130104 - 11130115 - 11130148 **Magneti-Marelli:** 63211627 - 63211665 - 63211669 - 63213127 - 63213812 - 63214349 - 63214371 - 63216225 - 63216325

APLICAÇÃO / APLICACIÓN / APPLICATION

Faun: AK 320 HB. **Fiat Allis:** Trator 673, 805C, c/ motor MWM e partida QD, Marelli. **Fiat Iveco:** 130. **Lancia:** Beta Z50 diesel. Esadelta B. Esagamma. Esatu. **Man:** 160, 192, 212, 215, 216, 230, 10.136, 12.136, 12.170.

Mercedes Benz: Caminhão OM321, OM324, OM326 c/ partida MTB2. L408, L508, L608, LP808, OM314.

Volvo: DR860, DR860T, LM840, S950, LM1240, SM868, T800, T810, T814, VHK116, VHK118, VHK310.

0036**ORIGINAL**

Bosch: 2006380558 - 2006381558 **Femsa:** 3550 **Fiat:** 9008738 **Iskra:** 18100021 **Italacciai:** SP205 **Lucas Indiel:** 223105

Magneti-Marelli: 74372580 - 74372630 **Volkswagen:** 2431807

MOTOR

Bosch: 0001401002 - 0001401044 - 0001401045 - 0001401046 - 0001402002 - 0001402051 - 0001402052 - 0001402053 - 0001402057 - 0001501003 - 0001501020 - 0001501032 - 9000085004 - 9967600005

Femsa: MTH241 - MTH242 - MTH244

Iskra: 11130158

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 400, 450. **Caterpillar:** Motoniveladora 12E até 01/73. **Fiat:** Caminhão FNM D9500. **KHD:** D8005, M90D7FL, M90D7L, D8005, M90D7L, M907FL. **Lancia:** Esadelta. Esaro 3R0. Esatu. **Scania:** Motor DS111 R82A, DS11 R82A Marítimo c/ Turbo compressor Holset 4 LE. Motor D11 Marítimo 1966 ED. Motor D11 R81 Marítimo 1966/70 ED. Ônibus BR110, B115, BR115S até 04/75.

0037



T13 | SPL3 | CW
Fam. 53

ORIGINAL

Bosch: 2006380450 - 2006380458 - 2006381458
Magneti-Marelli: 74350412 - 74350413 - 74350433

MOTOR

Bosch: 0001501005 - 0001501036
Magneti-Marelli: NN5 - NN6

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: 800, 900, 1000.
Fiat: Caminhão FNM D11000.
OM: Orione, Super Orione.

0041



T11 | SPL6 | CW
Fam. 20

ORIGINAL

Lester: 16603 - 16604 - 16660
Lucas: TLB165 - 291484 - 54244389

MOTOR

Lucas: 26132A/F - 26132H/R - 26143A/H - 26143J/Q - 26172A/L

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Caminhão 54 até 60. Dexta. Major.
Harvester: B55, B275, B414, F863 Com.
Massey Ferguson: Trator MF1956.
New Holland: Ford Super Major diesel.

0043



T10 | SPL3 | CW
Fam. 21

ORIGINAL

Bosch: 9001083445
Lucas: TNB445

MOTOR

Bosch: 9000083000

APLICAÇÃO/APLICACIÓN/APPLICATION

Massey Ferguson: Trator MF235 c/ partida Bosch até 86. Trator MF235 (PER-A 3152).
Perkins: Perkins - A3.152 (Trator MF 235, 265). Perkins - Motor 4 e 6 cil. (MF c/ partida Bosch JD).

0044



T9 | SPL3 | CW
Fam. 21

ORIGINAL

Bosch: 1006209012 - 1006209014 - 1006209017 - 1006209125 - 1006209902 - 9001082417
Lester: 16326 - 16332 - 16360
Lucas: TMB484
Lucas Indiel: 221484
Volkswagen: 85357

MOTOR

Bosch: 0001203016 - 0001305016 - 0001308006 - 9000082005 - 9000082010

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Belina I. Corcel I.

0045T9 | SPL6 | CW
Fam. 20**ORIGINAL**

Bosch: 1987BE0122
General Motors: 01954842
Lucas: TDB045
Lucas Indiel: 221711
Wapsa: 224033

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

General Motors: Caravan c/ partida Delco a partir de 76. Opala c/ partida Delco a partir de 76. Pick-up C10, C15 c/ partida Delco a partir de 76.
Puma: Puma GTB c/ motor GM4100 e partida Delco.
TCM EQUIPMENT Ag: GM - Opala, Caravan, Pick-up A C 10-20.

0046T9 | SPL3 | CW
Fam. 21**ORIGINAL**

Bosch: 9001082177 - 9001082419
General Motors: 07325345
Lucas: TMB419
Volkswagen: 9307667

MOTOR

Bosch: 9000082006 - 9000082022

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Opala c/ partida Bosch 4 cil. até 06/78.

0049T12 | SPL6 | CW
Fam. 37**ORIGINAL**

Wapsa: 224014

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Chrysler: Caminhão Dodge D100, D400, D700 a partir de 73. Caminhão Dodge D100, D400, D700 até 73.
Volkswagen

0050T10 | SPL6 | CW
Fam. 37**ORIGINAL**

Autolite-Prestolite: P59118 **Bosch:** 1987BE0001 **Chrysler:** CH1920 - CH1922 - CH1925 - CH1927 - 2095122 - 2095397 - 2444651 - 2444658 - 3755085 - 3874045 - 4094174 **Ford:** 2900804 **Leece-Neville:** 04229 - 04239 **Lester:** 3250 - 3257 - 3258
Lucas Indiel: 221903 **Remy:** C2001 - D2018 - 1939444 - 1972282

MOTOR

Autolite-Prestolite: MHB4011R - MHB4012R - MHB4013R - MZZ4658 - MZ4205
Chrysler: 1889297 - 2095122 - 2095150 - 2095254 - 3656650
Remy: 1107650 - 1107651 - 1107666 1107748 - 1107749

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge Chrysler 62 a 75.
Dodge: Coronado, GTX, Polara.
Volkswagen

0051T12 | SPL3 | CW
Fam. 20**ORIGINAL**

Lester: 3276 - 3279 - 3280 - 3729 - 3793 - 3804 - 3852 - 3873 - 3943 - 3953 - 3977 - 3992 - 4280 - 4387 - 4882 - 4883 - 4893 - 4999
6181 - 6185 - 6188 - 6198 - 6519 **Lucas Indiel:** 223153 **Remy:** D2017 - D2107 - D4123 - 1851430 - 1875852 - 1877353 - 1877354
1932890 - 1934488 - 1940134 - 1940138 - 1951180 1952486 - 1965358 - 1967042

MOTOR

Remy: 1107251 - 1107343 - 1107344 - 1107504 - 1107510 - 1107527 - 1107534 - 1107538 - 1107553 - 1107567 - 1107581 - 1107587
1107588 - 1107600 - 1107875 - 1108239 - 1108636 - 1108641 - 1108643 - 1108652 - 1108653 - 1108661 - 1108692 - 1109140
1109196 - 1113007 - 1113010 - 1113013 - 1113038 - 1113050 - 1113052 - 1113056 - 1113059 - 1113064 - 1113066 - 1113075
1113084 - 1113089 - 1113097 - 1113099 - 1113100 - 1113101 - 1113110 - 1113111 - 1113116 - 1113121 - 1113124 - 1113128
1113130 - 1113133 - 1113136 - 1113137 - 1113142 - 1113143 - 1113145 - 1113150 - 1113153 - 1113154 - 1113156 - 1113157
1113158

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: Pá Carregadeira c/ partida Delco. **Detroit:** Caminhão GM c/ motor 4.53 e partida Delco Remy. Pá Carregadeira Case c/ motor 4.53 e partida Delco Remy. **General Motors:** Caminhão c/ motor Detroit 4.53.
TCM Equipment Ag: Case - Pá Carregadeira c/ partida Delco Remy e Motor Detroit 4.53. GM - Caminhão c/ motor Detroit 4.53.

0052T9 | SPL3 | CW
Fam. 20**ORIGINAL**

Lester: 3281 - 3282 - 3870 - 3883 - 3964 - 3966 - 4046 - 4098 - 4151 - 4167 - 4200 - 4201 - 4202 - 4217 - 4224 - 4239 - 4243 - 4244
4246 - 4249 - 4254 - 4283 - 4286 - 4326 - 4328 - 4388 - 4393 - 4408 - 4500 - 4506 - 4508 - 4509 - 4545 - 4597 - 4723 - 4996
6147 - 6148 - 6157 - 6180 - 6521 - 6740
Remy: D2005 - D2009 - D2021 - 0800026 - 1852410 - 1852570 - 1852970 - 1892899 - 1929402 - 1930802 - 1935992 - 1946220
1952410

MOTOR

Remy: 1107203 - 1107234 - 1107245 - 1107280 - 1107308 - 1107332 - 1107356 - 1107364 - 1107377 - 1107378 - 1107379 - 1107393
1107501 - 1107516 - 1107523 - 1107546 - 1107547 - 1107550 - 1107556 - 1107558 - 1107559 - 1107571 - 1107572 - 1107583
1107584 - 1107598 - 1107680 - 1107734 - 1107771 - 1107874 - 1107879 - 1108033 - 1108042 - 1108051 - 1108161 - 1108250
1108251 - 1108323 - 1108340 - 1108341 - 1108393 - 1108438 - 1108501 - 1108662 - 1108665 - 1108672 - 1108769 - 1109081
1109192 - 1109259 - 1117335 - 1117356 - 1117364 - 1117377

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: Pá Carregadeira c/ partida Delco.
TCM Equipment Ag: Pá Carregadeira c/ partida Delco Remy.

0053T9 | SPL12 | CW
Fam. 6**ORIGINAL**

Autolite-Prestolite: MAD3073
Bosch: 1987BE0002
Chrysler: F01905 - F01909
Femsa: 278963
Ford: C1VF11350A - C1VY11350A - C20F11350C - C3VF11350A - C3VF11350C - C40F11350A - C40F11350B - C40Z11350A
C40Z11350B - C5JF11350A - C6FY11350A - C6VY11350A - C6VY11350A1 - C7AF11350A - C7AF11350A1 - C8VF11350B
C8VF11350B1 - D5AF11350AA - D6PF11A108BA - D6PZ11350B
Leece-Neville: 04231
Lester: 3124 - 3131 - 3132 - 3135 - 3149 - 3152 - 3153 - 3154 - 3155 - 3157 - 3160 - 3168 - 3169 - 3176 - 3181 - 3185 - 3187 - 3188 - 3189
Remy: F2004 - 1972287

MOTOR

Ford: E1TF11001B - E1TF11001CA - E1TZ11002A - E1TZ11002B - E1TZ11002C

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford

0054T9 | SPL3 | CW
Fam. 35**ORIGINAL**

Autolite-Prestolite: P18301 - P1831 - SRP1009
Chrysler: CH1917 - CH1924 - 1889129 - 2444661 - 2642445 - 2642506 - 2642692
Leece-Neville: 04227
Lester: 3248 - 3249 - 3252
Remy: C2000 - C2002 - 1889129 - 1972281 - 1972365

MOTOR

Chrysler: 1889100 - 1889129 - 1889200 - 2095753 - 2642227

APLICAÇÃO/APLICACIÓN/APPLICATION

Chrysler: Dodge D-500.

0056T9 | SPL6 | CW
Fam. 20**ORIGINAL**

Bosch: 9001453340
Volkswagen: BDOA11350A
Wapsa: 224016

MOTOR

Bosch: 9000453055
Wapsa: MALW3N - MPB3 - MPB4

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Caminhão F100, F350, F600 à gasolina de 06/75 a 12/75. Galaxie todos a partir de 06/70. Landau e LTD de 06/70 a 12/75. Pick-up todos a partir de 06/70.
Hyster: Guindaste KF a partir de 06/70.
Willys: Itamaraty todos a partir de 06/70. Jeep todos a partir de 06/70. Rural todos a partir de 06/70.

0059T11 | SPL3 | CW
Fam. 21**ORIGINAL**

Bosch: 9001083442

MOTOR

Bosch: 9000083002 - 9000083030

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Compressor c/ motor Deutz.
Atlas Copco
Deutz: Atlas Copco compressor c/ partida Bosch JD. Trator Demisa DM55-DM65 c/ partida Bosch JD.

0060T10 | SPL3 | CW
Fam. 21**ORIGINAL**

Bosch: 9001083441

MOTOR

Bosch: 9000082040 - 9000083003 - 9000083013 - 9000083019 - 9000083040

APLICAÇÃO / APLICACIÓN / APPLICATION

CBT: Trator 1090 c/ motor Perkins 6 cil. e partida Bosch.
Fiat: Duna 60/70. Fiorino. Fiorino 1.1, 1.3, 1.4i. Uno. Uno 1.1, 1.3, 1.4i. 127 1.3 D. 147.
Perkins: Perkins - motor 4 e 6 cil. (MF, MF c/ partida Bosch JD).

0061T13 | SPL3 | CW
Fam. 21**ORIGINAL**

Bosch: 9001083443

MOTOR

Bosch: 9000083004

APLICAÇÃO / APLICACIÓN / APPLICATION

Yanmar: Motor AE1, AE2 08/70.

0062



T9 | SPL3 | CW
Fam. 21

ORIGINAL

Bosch: 9001082127 - 9001082418

MOTOR

Bosch: 9000082004

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: M70, 790, 80, 85, 90, 93 4100, 416, 420. Motor Estacionário M70, M790, M80, M85, M90, M93 até 07/77. Trator 4100, 416, 420 até 07/77.

0064



T10 | SPL3 | CW
Fam. 39

ORIGINAL

Facet: 10325 **Ford:** 2701E11350B - 72DB11K003AA **Italacciai:** SD341 **Lester:** 16608
Lucas: TMB101 - 54240795 - 54243848 54246661 - 54247188 - 54258190 - 60600210 **Lucas Indiel:** 223164

MOTOR

Facet: 26211M/T **Ford:** 26211 - 26291 **Italacciai:** 26211M
Lucas: S5012 - 26211M/T - 26211MTM50 26227A/Q - 26291A/D - 26291ADM50 26305A/B - 26305ABM50 - 26312 26312A - 26312AM50 - 26338 - 26339 - 26350A/B - 26395

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Retroescavadeira. Transit com partida Lucas. Trator 2000, 3000, 4000.
Land Rover: 109, 110 2.25 D.
Nissan-Datsun: Cabstar.

0065



T9 | SPL10 | CCW
Fam. 7

ORIGINAL

Bosch: 1006209162 - 1006209431 - 2006209162 - 9001042021 - 9001082362
Italacciai: SD450 **Lester:** 16450 **Lucas:** TMB482 **Lucas Indiel:** 221482
Volkswagen: 3059113353 - 311911335A

MOTOR

Bosch: 0001211992 - 0001211993 - 0001314012 - 9000082009 - 9000082032 - 9000082034 - 9000082046 - 9000082047 9000082049 - 9000082073 - 9000082077

APLICAÇÃO/APLICACIÓN/APPLICATION

Porsche: 190. 914.
Puma: Puma GT, GTS, c/ motor VW 1600 até 04/81.
Volkswagen: 1200, 1300, 1302, 1303. Brasília 1.3, 1.6 álcool e gasolina. Fusca 1.6 (mod 94). Gol 1.3, 1.6 álcool e gasolina. Golf Jetta. Karmann-Ghia TC 1600. Kombi 1.5, 1.6. Pick-up 1.5, 1.6. Saveiro 1.6 álcool e gasolina. Sedan 1.3, 1.6 álcool e gasolina. SP1, SP2, TC1600, TL1600. Transporter. Variant I, II.

0067



T10 | SPL3 | CW
Fam. 39

ORIGINAL

Lester: 16660 - 17641 **Lucas:** TMB105 - 54246725 - 54259688 **Lucas Indiel:** 223165

MOTOR

Lucas: 26236A/K - 26238A/L - 26248A/L - 26256A/E - 26259A/K - 26264A/F - 26271A/E - 26279A/E - 26281A/E - 26283A/F 26285A/E - 26287A/E - 26288A/E - 26310A/D - 26310A/E - 26321A/B

APLICAÇÃO/APLICACIÓN/APPLICATION

Balkancar · Barber Green
Bedford: Caminhões 6C4, 6D4, 6RT, TD. **Berliet:** 610 KG, 750 GL.
Case: H25 B Payloader. **Lancer:** D, H séries.
Land Rover: Diesel. **Lindner**
Massey Ferguson: Leyland Traktor Eski Model. MF20, 81, 148, 235, 240, 285.
New Holland: M89 Colheitadeira/Combine/Cosechadora.
Perkins: Perkins, Tratores, Industriais, Estacionários.
Poclain · Sanderson · Schluter

0068T9 | SPL10 | CW
Fam. 2**ORIGINAL**

Bosch: 1006209400 - 1006209405 - 1006209412 - 1006209417 - 9001082750 **Italacciai:** SD454 **Lester:** 16401 - 16530 - 16539
16621 - 16623 - 16781 **Lucas:** TMB421 **Lucas Indiel:** 221421 **Volkswagen:** ZBA911335 - 052911335 - 056911335 - 056911335A

MOTOR

Bosch: 0001208040 - 0001208053 - 0001208054 - 0001208055 - 0001211209 - 0001211210 - 0001211213 - 0001211214
0001211216 - 0001211217 - 0001211218 - 0001211219 - 0001211220 - 0001211230 - 0001211233 - 0001211234
0001211235 - 0001211236 - 0001211244 - 0001211245 - 0001211247 - 0001211248 - 0001211249 - 0001311041
0001311046 - 0001311049 - 0001314014 - 0001314015 - 9000082030 - 9000082045

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: 50, 80 (1.3), 100. Fox 100 (1.6, 1.8, 1.9), 4000 (1.6, 1.7), 50 (1.3, 1.5), 80 (1.3, 1.5, 1.6). **BMW:** 528 I, 728 I c/ partida Bosch.
Farymann: 15A, 18A/C, 29C. **Ford:** Capri 2.8, Capri II 2.0. Galaxy, Granada 2.8. Pampa 1.6. **Opel:** Ascona A. Blitz 1.9. Manta A. Rekord
D. **Volkswagen:** Dasher 1.5 D. Derby. Gol C, CL, GL, 1.6, 1.8, 2.0. Golf, Golf 1.1, 1.3. Jetta, Jetta 1.1, 1.3, 1.7 (USA). Kombi. Parati 1.5, 1.6
C, CL, GL. Passat 1.3, D 1.5, 1.5, 1.6. Pick-up 1.6. Polo. Quantum Custom 1982 L4 1.7 gas. Quantum Custom 1983 L4 1.7 gas. Quantum
DLX 1982 L4 1.7 gas. Quantum DLX 1983 L4 1.7 gas. Rabbit 1.7. Saveiro 1.6 CL, GL. Scirocco (1.3), 9 Dis. Scirocco 1.1, 1.3, 1.6, 1.7 (USA).
Voyage 1.5, 1.6 CL, GL.

0070T12 | SPL6 | CW
Fam. 20**ORIGINAL**

Bosch: 9001453284
Wapsa: 224029

MOTOR

Bosch: 9000453025
Wapsa: MPB22 - MPB55

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Caminhão Dodge álcool a partir de 81 c/ partida Wapsa. Dodge D100, D900 gasolina c/ partida Wapsa.
Volkswagen

0071T9 | SPL6 | CW
Fam. 20**ORIGINAL**

Lucas Indiel: 223168
Wapsa: 224030

MOTOR

Wapsa: MPB25

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Maverick 8cil. até 12/75.

0073T9 | SPL6 | CW
Fam. 20**ORIGINAL**

Wapsa: 224025

MOTOR

Wapsa: MPB5

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark: Empilhadeira CHY100, CHY120, CHY140, CHY60, CHY70, CHY80 c/ motor GM 6 cil.

0077



T9 | SPL10 | CW
Fam. 7

Substitui/Cambiar/Replaces 0079

ORIGINAL

Bosch: 9001082424 - 9001082426 - 9001082498

MOTOR

Bosch: 9000082013 - 9000082020 - 9000082029

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: Alfa Romeo 2300, 2300B até 03/77. **Chrysler:** Dodge Polara 1800 c/ partida Bosch.
Dodge
Volkswagen

0078



T13 | - | CW
Fam. 54

ORIGINAL

Bosch: 2006382154 - 2006383154

MOTOR

Bosch: 0001410026 - 0001410027 - 0001410035 - 0001410047 - 0001410094 - 0001415007 - 0001416004

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Caminhão 180, 210.
Hanomag: D600, D700, K7, K8, K11.
Massey Ferguson: 44, 55, 66, 77C, 600, 700C, C44, 55, 66C, D66, 600, 700C. MF44, 55, 66, 77, 600, 700.

0080



T9 | SPL10 | CW
Fam. 49

ORIGINAL

Bosch: 1006209029 - 1006209031 - 1006209034 - 1006209040 - 1006209047 - 1006209051 - 1006209052 - 1006209053 - 1006209055 - 1006209058 - 1006209066 - 1006209101 - 1006209127 - 1006209332 - 2006209165 - 2006209166 - 9001082420

General Motors: 07329691

Italacciai: SD305

Lester: 16299 - 16321 - 16328 - 16331 - 16332 - 16337 - 16341 - 16360 - 16367 - 16407 - 16412 - 16440 - 16443 - 16539 - 16692

Lucas: TMB420

Lucas Indiel: 223176

Volkswagen: 059911335

MOTOR

Bosch: 0001207010 - 0001208001 - 0001208003 - 0001208009 - 0001208011 - 0001208023 - 0001208025 - 0001208026 - 0001208030 - 0001208033 - 0001208036 - 0001208038 - 0001208046 - 0001208047 - 0001208050 - 0001208058 - 0001208059 - 0001208061 - 0001209002 - 0001209003 - 0001209008 - 0001209012 - 0001211006 - 0001211010 - 0001211018 - 0001211991 - 0001310016 - 0001311001 - 0001311013 - 0001311019 - 0001311023 - 0001311024 - 0001311027 - 0001311028 - 0001311030 - 0001311031 - 0001311032 - 0001311034 - 0001311036 - 0001311037 - 0001311039 - 0001313001 - 9000082012 - 9000082023

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: 100 1.9, 60, 72, 90, 100 1.8. 100 séries GL 1972 L4 1.9 gas. 100 séries GL 1973 L4 1.9 gas. 100 séries LS 1971 L4 1.8 gas. 100 séries LS 1972 L4 1.9 gas. 100 séries LS 1973 L4 1.9 gas. 100 séries LS 1974 L4 1.9 gas. 100 séries LS 1975 L4 1.9 gas. 100 séries LS 1976 L4 1.9 gas. 100 séries LS 1977 L4 1.9 gas.

Ford: 12M, 15M, 17M, 20M, 26M. Capri. Consul. Granada. Taunus, Taunus 2.0, 2.3.

General Motors: Chevette 1.4 c/ partida Bosch à gasolina de 01/75 a 07/76. Marajó 1.4 álcool e gasolina de 02/75 a 07/76.

Mercedes Benz: 190C, 200, 220, 230, 250, 280, 300, L408G, O309B.

Opel: Ascona A, Kadett B, C, Rekord, Taunus.

Saab: 95, 96, 99, 99 Turbo.

Volvo: Caminhão 121, 122, 140, 142, 144, 145, 164, 221, 222, 1800.

0081T9 | SPL3 | CW
Fam. 17**ORIGINAL****Bosch:** 9001451293
Wapsa: 224036**MOTOR****Bosch:** 9000453053
Wapsa: MWB13**APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Dodge Polara 1800 c/ partida Wapsa.**0082**T10 | SPL10 | CW
Fam. 7**ORIGINAL****Bosch:** 9001082306
Volkswagen: BD7D11350A**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F1000, F75, todos c/ motor Georgia. Maverick 4 cil., todos c/ motor Georgia. Pick-up.
Willys: Utilitário Jeep, todos c/ motor Georgia.**0084**T13 | SPL6 | CW
Fam. 20**ORIGINAL****Bosch:** 9001453342
Wapsa: 224024**MOTOR****Bosch:** 9000453018 - 9000453053
Wapsa: MPB13 - MWC2**APLICAÇÃO / APLICACIÓN / APPLICATION****Perkins:** Perkins - Motor Industrial c/ partida Wapsa.**0085**T9 | SPL6 | CW
Fam. 20**ORIGINAL****Bosch:** 9001453336 **Lucas:** TNB402 **Lucas Indiel:** 222402
Volkswagen: BD5T11350A - T11911335A **Wapsa:** 224026**MOTOR****Bosch:** 9000453012 - 9000453027 - 9000453033 - 9000453062
Wapsa: MPB30 - MPB42 - MPB68 - MPB9**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Caminhão TX1600 c/ motor MWM.
Chrysler: Caminhão Dodge D750, D950, D14000 c/ motor MWM 6 cil. e partida Wapsa.
Ford: Cargo 1113, 1313. F1000, F11000, F12000, F13000, F14000, F19000, F2000, F21000, F22000, F400, F4000, F7000 todos c/ motor MWM.
MWM: Motor D229-3, D229-4, D229-6 c/ partida Wapsa.
Valmet: Trator c/ motor MWM 3, 4 e 6 cil. e partida Wapsa.
Volkswagen: Caminhão VW11130, VW13130 c/ partida Wapsa.

0086



T9 | SPL6 | CW
Fam. 20

ORIGINAL

Wapsa: 224031

MOTOR

Wapsa: MPC1N

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark: Empilhadeira CFY40 a partir de 78 c/ partida Wapsa. Empilhadeira CFY40, CFY50 a partir de 78.

0087



T11 | - | CW
Fam. 54

Substitui/Cambiar/Replaces 0219

ORIGINAL

Bosch: 2006382018 - 2006382019 - 2006382152 - 2006382156 **Fiat:** 8122126 - 9004229 - 9984246

Italacciai: SP208 **Lester:** 17094 - 18117 - 18220 - 18222 - 18253

Lucas: TMB156 **Lucas Indiel:** 222421 - 223204

MOTOR

Bosch: 0000084013 - 0001410019 - 0001410032 - 0001410034 - 0001410037 - 0001410044 - 0001410046 - 0001410050 - 0001410062 - 0001410063 - 0001410069 - 0001410074 - 0001410077 - 0001410087 - 0001410098 - 0001410102 - 0001410106 - 0001410111 - 0001410115 - 0001411005 - 0001411010 - 0001411012 - 0001411013 - 0001411015 - 0001411016 - 0001411036 - 0001413018 - 0001414008 - 0001414019 - 0001415008 - 0001415009 - 0001415011 - 0001415013 - 0001415017 - 0001416003 - 0001416005 - 0001416009 - 0001416071 - 0001417016 - 0001417023 - 0001417042 - 0001417047 - 0001417055 - 0001417068 - 0001418010 - 9000084010 - 9000084011 - 9000084012 - 9000084013 - 9000084014 - 9000084017 - 9000084018 - 9000084019 - 9000084021

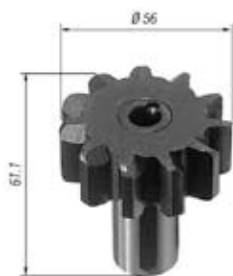
Fiat: 61227993

Italacciai: 0001410032

APLICAÇÃO / APLICACIÓN / APPLICATION

ABG: Yumbo 140. **Aifo:** M32 S, M42 S, M52 S, M62 S, MZ42 SIOM. **Asia Motors:** PR425. **Case:** Pá Carregadeira c/ motor Scania. Trator Agrícola 2470 e 4490 (Scania). Trator W36. **DAF - Fahr:** M1600. **Fiat:** 697. 13.304F, 26304DFS, 30.304DFSA. 190, 260 (Unic V 85 S), 130NC, NR, NT20, 150NC, NT20, 159, 190PAC20, 260, NC20-170, 190 F20-190 (Unic V 85 S). **Fiat Allis:** Trator de Esteiras AD14 c/ motor Scania. **Fiat Iveco:** Caminhão 130.20, 150.20, 159.20, 170.20, 190.20. **Ford:** Caminhão Cargo 1317, 1320, 1517, 1520, 1617, 1620, 2202, 2220, 2420, 2817, 3020, 3220. **Hanomag:** K12C, 15, 16, B16. **Jenbacher:** JW 902. **KHD:** F6L 413, F8L 413, M150E10, M150L10, M170D, L, R, S, SH, TL, TR, M200L, M232D, DL1300. **Liebherr:** R 961, 971. **Magirus Deutz:** 192 H14, H16, 256 H19, H22. **Man:** 16.304F, 26.304DF, 30.304DFS. **Massey Ferguson:** Trator MF4780 (SSB-DN11) Trator MF4780 c/ motor Scania DN11. **Mercedes Benz:** Caminhão MB858, MB866, MB868, MB856. **Palmieri:** 1500 GN 125, 140, 175, 100, 1800 GN 110, 140, 155. **Podain:** RC200, 491, 556. **Saviem:** SM 280, 300, 320, 340. **Scania:** Caminhão 140, 140 Super, 141 Super, 145, BR145, CR145L, CR145T, CR145X, DSI14, L142, T142. Caminhão L101, LK140, LK141, LK142, LKS140, LKS141, LKS142, R142, R142-410, T142, T142-410. Chassi p/ Ônibus K112, S112. Ônibus BR115, BR115S, BR116, BR116S, a partir de 05/75. **Valmet:** 110KVA, 115KVA, 125KVA, 150KVA (V1308). **Volvo:** Caminhão B10M, R, B58, 59, T, F10, F88, FB88, G88.T, N, NB88TS, N10, N12, NL10210, NL10340, NL12400. Chassi p/ Ônibus B10M, B58E. **Zettelmeyer:** Europ KL 25, 30.

0088



T11 | - | CW
Fam. 54

ORIGINAL

Bosch: 2006682168

Lucas Indiel: 223181

MOTOR

Bosch: 0001411007 - 9000084008 - 9000084020 - 9000084022 - 9000084023

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Compressor AX430.

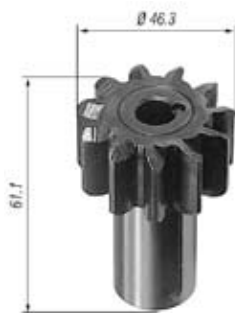
Case: Pá Carregadeira W36 c/ motor Cummins.

Caterpillar: D300 séries. Moto Scraper 631E. Trator de Esteiras D8L e 631E.

Cummins: Motores N, NT, NTA, NTA855. Motores N855, 250 Super.

Komatsu: Trator de Esteiras D60A, D60E, D60F, D65A, D65E, todos c/ motor Cummins N855.

Mafersa: Trator M série M 240 c/ motor Cummins 6CTA 8.3 a partir de 09/91.

0089T12 | - | CW
Fam. 54**ORIGINAL**

Bosch: 2006382190 - 9001084064
Lucas Indiel: 222422

MOTOR

Bosch: 0001416061 - 0001417065 - 0001417075 - 9000084007 - 9000084009 - 9000084024 - 9000084026

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: Pá Carregadeira W36B Turbo.
Caterpillar: Motoniveladora 120B, 140B (3306). Motores geradores 3304T, 3306T. Pá Carregadeira 930 e 966. Trator de Esteiras D4E e D6D.
Cummins: Chassi p/ Ônibus RC210, UC210. Motor 6C, 6CT, 6CTA de 8.3 lts.
Komatsu: Esteiras D60E, D60F, D65E, D73E (Cummins N855C) a partir de 93. Trator WA 180 (Cummins 6BT 5.9) a partir de 02.97.
Mafersa: Trator M série M 210 c/ motor Cummins 6CTA 8.3 a partir de 09/91.
Volkswagen: Caminhão VW14.170, VW14.210, VW16.170, VW16.210.
Volvo: FH12 1993, FH12 1995, FL7 1991, FM12 1998, FS7 1994-1996.

0092T9 | SPL3 | CW
Fam. 21**ORIGINAL**

Bosch: 9001083439

MOTOR

Bosch: 9000083024 - 9000083025

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Caminhão 160, 130, 70 c/ partida Bosch JD. Ônibus 100, 130, 70. Ônibus 100, 130, 70 c/ partida Bosch JD.
Fiat Allis: Trator de Esteiras ADB até 78.

0093T10 | SPL3 | CW
Fam. 20**ORIGINAL**

Autolite-Prestolite: EBB168 **Chrysler:** 2525287 **Ford:** C6TZ11350A **Lester:** 3353 - 3362 - 3363 - 3365 - 3367 - 3511 - 3512 - 3708 - 3720 - 3726 - 3774 - 3898 - 3942 - 3972 - 3977 - 3986 - 3991 - 4191 - 4192 - 4241 - 4252 - 4265 - 4266 - 4267 - 4272 - 4274 - 4275 - 4276 - 4281 - 4284 - 4338 - 4385 - 4389 - 4392 - 4398 - 4399 - 4525 - 4537 - 4573 - 4828 - 4894 - 4898 - 4906 - 4941 - 4946 - 4949 - 4953 - 4971 - 4972 - 4973 - 4998 - 6179 - 6543 - 6730 **Lucas Indiel:** 223185 **Remy:** D2024 - D2025 - D2042 - 10498623 - 1852716 - 1876857 - 1877355 - 1933471 - 1941119 - 1941157 - 1942950 - 1950058 - 1964127 - 1966931 - 1968355 - 1971707 - 1975046 - 4019393

MOTOR

Ford: CSTF11000B - C6TF11000B - C6TZ11001A - C6TZ11002C - C7TF11000A
Remy: 1107214 - 1107234 - 1107249 - 1107268 - 1107290 - 1107291 - 1107382 - 1107503 - 1107511 - 1107512 - 1107515 - 1107533 - 1107539 - 1107540 - 1107557 - 1107561 - 1107575 - 1107580 - 1107582 - 1107591 - 1107592 - 1107593 - 1107696 - 1107857 - 1107859 - 1107867 - 1107872 - 1108240 - 1108280 - 1108322 - 1108379 - 1108396 - 1108397 - 1108415 - 1108431 - 1108443 - 1108447 - 1108449 - 1108476 - 1108493 - 1108632 - 1108634 - 1108644 - 1108648 - 1108649 - 1108667 - 1108696 - 1109023 - 1109194

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark: Empilhadeira c/ motor Detroit D478 e partida Delco Remy.
General Motors: Caminhão D478 c/ partida Delco de 69 a 72.

0096T10 | SPL12 | CW
Fam. 39**ORIGINAL**

Italacciai: SD401
Lester: 16608 - 17646 - 17647
Lucas: TMB115 - 54243783 - 54246738 - 54246896 - 54247187
Lucas Indiel: 223187

MOTOR

Italacciai: 26211U
Lucas: 26211MTM50 - 26211U - 26227R/V - 26265J/M - 26291E - 26305D/N - 26312B - 26312BM50 - 26316A/M - 26329A/L - 26338A/F - 26339A/K - 26341A/J - 26352A/L - 26379A/F - 26395A/H - 26430A/D - 26431A/B - 26431AM50

APLICAÇÃO / APLICACIÓN / APPLICATION

Asea - Aveling Barford - Balkancar - Bamford - Barber Green - Bonser RT2500, RT2500 K, RT3500 K.
Ford: 4000, 4600, 5000, 5600, 7000. D750 Kamyon. **Hestair Dennis - Lancer:** H, HD séries, MD III A. **Muirhill - New Holland** M122, 133, 135, 140, 1520. **Perkins:** Perkins, Tratores, Industriais, Estacionários. **Reliance Trucks - Sanderson**

0097



T12 | SPL19 | CW
Fam. 51

ORIGINAL

Butec: 851073 - 852762 - 852961 **Caterpillar:** 6N-3827 **Facet:** 480118 - 480411 **Ford:** C8TZ11350B - C8TZ11350D - C9WF11350C - D4HF11350AA **Leece-Neville:** 04489 - 77601 **Lester:** 3288 - 3339 - 3352 - 3370 - 3374 - 3790 - 3948 - 3955 - 3971 - 3987 - 3990 - 3999 - 4997 - 6191 - 6197 - 6202 - 6224 - 6225 - 6227 - 6232 - 6233 - 6238 - 6242 - 6246 - 6249 - 6250 - 6251 - 6252 - 6253 - 6254 - 6259 - 6349 - 6355 - 6360 - 6361 - 6363 - 6371 - 6372 - 6373 - 6374 - 6516 - 6530 - 6544 - 6557 - 6558 - 6559 - 6566 - 6567 - 6568 - 6618 - 6636 - 6638 - 6639 - 6682 - 6683 - 6686 - 6687 - 6688 **Lucas Indiel:** 223111 **Remy:** 1114087 - 1893560 - 1894213 - 1936647 - 1946945 - 1946957 - 1970711 - 8000068 **Ww:** 480411

MOTOR

Ford: C8ZF11000C - D30Z11002A - D3TF11000CA - D3TF11001CA - D4TZ11002E
Remy: 1109624 - 1109628 - 1109637 - 1109638 - 1109998 - 1113353 - 1113366 - 1113371 - 1113378 - 1113386 - 1113393 - 1113407 - 1113472 - 1113477 - 1113628 - 1113631 - 1113670 - 1113827 - 1113848 - 1113853 - 1113891 - 1113904 - 1113928 - 1113934 - 1113943

APLICAÇÃO/APLICACIÓN/APPLICATION

Caterpillar: Máquinas equipadas c/ motor D330C, D333C, D334C, D336C, D344C.
General Motors

0100



T11 | SPL3 | CW
Fam. 20

ORIGINAL

Lucas Indiel: 223419

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Bukh: Trator c/ partida Delco Remy.

0101



T11 | SPL10 | CW
Fam. 14

ORIGINAL

Bosch: 2006209109 - 2006209120 - 2006209302 **Italacciai:** SD349 **Lucas Indiel:** 223188

MOTOR

Bosch: 0001358051 - 0001359001 - 0001359003 - 0001359006 - 0001359007 - 0001359010 - 0001359019 - 0001359024 - 0001359040 - 0001359050 - 0001360002 - 0001360003 - 0001360009 - 0001360016

APLICAÇÃO/APLICACIÓN/APPLICATION

Asia Motors: Compressor c/ motor Deutz 8 cil. e partida Bosch JF.
Atlas Copco: Trator c/ motor Deutz 8 cil. partida Bosch.
DAF: AZ1900 DH, F2000, 2005, 2200, 2205 D.
Deutz: Motores 8 cil. (veículos/estacionários).
Kassbohrer: S80, 110A, S120, 130, 150.
Steyr Puch: 650A, 760A.
V.M.: HR 688 H, HT.
Volkswagen: LT28 D, 31 D, 35 D.
Zetor: 3511, 3545, 4511, 5511, 5545, 6722, 6745.

0102



T10 | SPL3 | CW
Fam. 35

ORIGINAL

Bosch: 1987BE0003
Lucas Indiel: 227814 - 32557814 - 3255870 - 32526861 - 32527814

MOTOR

Lucas Indiel: 35256034 - 35256425 - 35256433 - 35256519 - 35256520 - 35256637 - 35256900 - 35257188 - 35257720 - 35258930

APLICAÇÃO/APLICACIÓN/APPLICATION

Chrysler: Caminhão Dodge c/ motor Perkins 4 cil.
John Deere (SLC): Trator c/ motor Perkins 3 cil. e partida Lucas. Trator 6600, 7500.
Perkins: 4, 6 cil.

0104T9 | SPL6 | CW
Fam. 17**ORIGINAL**

Bosch: 9001451291
Lucas: TWB235
Wapsa: 224035

MOTOR

Wapsa: MWB14

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Caminhão F100, F75, c/ motor 4 cil.
Willys: Pick-up. Rural c/ motor 4 cil. Utilitário Jeep.

0105T9 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209421 - 2006209436 - 2006209446 - 9001083406 - 9001083436 - 9002453073 **Fiat:** 79028900 - 79028909 - 8122129
 9008243 - 9926112 - 9957919 **Italacciai:** SD124 **Lester:** 16560 - 17073 - 17074 - 17076 - 17106 - 17136 - 17184 - 17228 -
 17230 - 18029 - 18030 - 18032 - 18033 - 18111 - 18229 - 18237 **Lucas:** TNB407 **Lucas Indiel:** 222407 **Mercedes Benz:** 0001517013
Volkswagen: 04053926

MOTOR

Bosch: 0001354084 - 0001359031 - 0001359055 - 0001359057 - 0001359062 - 0001359071 - 0001359072 - 0001359073 - 0001359074
 0001359083 - 0001359084 - 0001359087 - 0001359089 - 0001359091 - 0001359097 - 0001359100 - 0001359101 - 0001359111
 0001359113 - 0001359118 - 0001359119 - 0001360004 - 0001360025 - 0001360027 - 0001360030 - 0001360031 - 0001360032
 0001360034 - 0001360035 - 0001360036 - 0001360037 - 0001360038 - 0001360039 - 0001360040 - 0001360046 - 0001360047
 0001360049 - 0001360056 - 0001360057 - 0001360059 - 0001360061 - 0001360065 - 0001364108 - 0001365007 - 0001365008
 9000083027 - 9000083028 - 9000083031 - 9000083036 - 9000083045 - 9000083046 - 9000083050 - 9000083052 - 9000083053
 9000083054 - 9000083056 - 9000083060 - 9000083061 - 9000083063 - 9000083064 - 9000083065 - 9000083066 - 9000083067
 9000083068 - 9000083074 - 9000453074 - 9000453082 - 9000453083

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão TX1600D, 1800D, 1600D. **Carraro:** Tigrone 625. **Case:** Escavadeira Hidráulica 80CP, 80CR. Pá Carregadeira W18, W20, W20B, todos c/ partida JF. Trator W18, W20 (MBB-OM 352), W20B (MBB-OM 352A). **CBT:** Trator 1065 (MBB-OM 314) Trator 1105 (MBB-OM 352). Trator 2080 (MBB-OM 314). Trator 2105 (MBB-OM 352). Trator 2600, 8060, 8440, Oliver 1020, 1065, 950, todos c/ partida JF a partir de 10/76. Trator 8060 4x4 (MBB-OM 352). **Chrysler:** Caminhão Dodge D950, P700, P900 c/ motor MWM e partida Bosch JF. **Claas:** Dominator 80, 85. Mercator 50, 60, 70. **Clark:** Pá Carregadeira Michigan 55C, 45C, 55A, 65R, 75III. **Deutz:** Trator AX 4.100-4.190-80S-100S-120S a partir de 01/81. **Fiat Allis:** 1300, 1300 DT, 1900B, FR10, FR12. Escavadeira Hidráulica FE105. Motoniveladora FG70, FG85. **Ford:** Cargo C1215, C1216, C1217, C1415, C1416, C1417, C1421, C1617, C1621, C814, C815. **4000.** **Hanomag:** R70, 100. **John Deere (SLC):** Trator série 7000, 7200 Turbo, 7700, 7700 Turbo c/ motor MMB e partida Bosch JF. **Komatsu:** Trator de Esteiras D30E, D50A, D50P. Trator D30E, D50A, D50P (MBB OM 352, 352A), todos c/ partida Bosch JF. **Massey Ferguson:** MF33B, W 450B, 450B, 450C. **Mercedes Benz:** 302 Y.M. Caminhão/Ônibus 1214, 1218, 1414, 1418, 1614, 1618, 1621, 2215, 2216, L610(OM 352), 1113, 1313, 1316, 1513, 1516, 2013, 2016, 2213, 2216, L608D, L709D, L1319, LP1219, LP1419, 1720. Chassi p/ Ônibus OF/OH 1113, 1115, 1313, 1315, 1316, 0364, 0371U Ônibus c/ motor M366G. OM 352, OM 366 **Müeller:** Trator RT 62H, RT 82H, VAP 55 (MWM 229.3) a partir de 01/95. **MWM:** Motor D225-6, D229-4, D229-6, TD229-6, todos a partir de 08/77. **New Holland:** Colheitadeira/Combine/Cosechadora FNH 8040 (MBB-OM352), FNH 8055 (MBB-OM352A). **Poclair:** FC30, LC80, LY80, MCL84. **Puma:** Caminhão 900 série 914 c/ motor MWM 229.4 a partir de 09/95. **Same:** Ariete (4801 Engine), Drago 100. **Steyr Puch:** 586, 590, 690, 1000, 1200, 980 A, 1100, 1200. **Toyota:** Utilitário Bandeirante (MBB-OM 314) a partir de 10/76. **Valmet:** Trator 78, 85ID, 88, 110ID, 118, 128, 138, 138/4 Turbo, 148, 880, 980, todos a partir de 08/77. **Volkswagen:** Caminhão VW11.130, VW13.130, VW6.90, VW7.110S, VW7.90S. Chassi VW7.90S, VW7.90CE, VW7.90CO, todos c/ partida Bosch JF. **Yanmar:** Motor Estacionário BTDD22, BTDD33, BT22, BT33. Trator 1050 D, 1050 D 4x4.

0108T9 | SPL10 | CW
Fam. 1**ORIGINAL**

Bosch: F000AL1002 - 1006209404 - 1006209410 - 1006209414 - 1006209416 - 1006209427 - 1006209462 - 1006209463 - 1006209471
 9001066236 - 9001082340 - 9001082618 - 9001082660 - 9001082686 - 9001082748 - 9001336324 **Fiat:** 82327386 - 9936602 - 9937705
General Motors: 09307667 **Italacciai:** SD436 **Lester:** 16299 - 16353 - 16367 - 16401 - 16412 - 16417 - 16418 - 16443 - 16462 - 16531
 16534 - 16538 - 16539 - 16550 - 16557 - 16593 - 16619 - 16621 - 16683 - 16684 - 16689 - 16722 - 16781 - 17031 - 17061 - 17122
Lucas: TMB448 - TMB480 **Lucas Indiel:** 221480 **Volkswagen:** ZBC911335 - 059911335B - 78MU11350A

MOTOR

Bosch: 0001157024 - 0001157025 - 0001157028 - 0001157029 - 0001157030 - 0001208200 - 0001208201 - 0001208202 - 0001208206
 0001208208 - 0001208209 - 0001208211 - 0001208216 - 0001208217 - 0001208224 - 0001208225 - 0001208226 - 0001208227
 0001208228 - 0001208229 - 0001208233 - 0001208400 - 0001208405 - 0001211207 - 0001211215 - 0001211229 - 0001211242
 0001311101 - 0001311103 - 0001311104 - 0001311105 - 0001311106 - 0001311107 - 0001311108 - 0001311109 - 0001311110
 0001311112 - 0001311114 - 0001311117 - 0001311118 - 0001311120 - 0001311121 - 0001311122 - 0001311124 - 0001311125
 0001311126 - 0001311127 - 0001311131 - 0001311132 - 0001311136 - 0001311137 - 0001311139 - 0001311140 - 0001311141
 0001311143 - 0001311145 - 0001311147 - 0001314018 - 9000062014 - 9000082024 - 9000082025 - 9000082033 - 9000082035
 9000082036 - 9000082041 - 9000082042 - 9000082043 - 9000082048 - 9000082050 - 9000082051 - 9000082054 - 9000082055
 9000082058 - 9000082059 - 9000082063 - 9000082064 - 9000082065 - 9000082067 - 9000082069 - 9000082071 - 9000082074
 9000082075 - 9000082076 - 9000082078 - 9000141116 - 9000142001 - 9000142002 - 9000142003 - 9000142102 - 9000333105
 9000334102

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 2000, 75, 90, Giulia Super, Alfetta, GT Junior, Spider, GTV, F2, F12. Alfa 6 (2.0, 2.5), 75 (1.6, 1.8, 1.8 Turbo, 2.5), 90 (1.8, 2.0, 2.5). Alfusud, Alfusud 1.2 Super TI. Alfetta 1.6, 1.8, 2.0. Ama, Arna 1.2, 1.3. Giulietta 1.3, 1.8, 2.0. GTV 2000 2.0, 2.5. **Audi:** 100 (1.8, 1.9, 2.0), 200, 200L, 200 Turbo, 80, 80L, Quattro. 100 séries GL 1972 L4 1.9 gas. 100 séries GL 1973 L4 1.9 gas. 100 séries LS 1972 L4 1.9 gas. 100 séries LS 1973 L4 1.9 gas. 100 séries LS 1974 L4 1.9 gas. 100 séries LS 1975 L4 1.9 gas. 100 séries LS 1976 L4 1.9 gas. 100 séries LS 1977 L4 1.9 gas. **BMW:** 320, 323 i, 520, 523 i, 528. **Citroën:** BX14, C22, C25, 25E, LNA, LNA II, Visa, Visa II. **Fiat:** Ducato. Ritmo 75, X 1/9 Five Speed. Ritmo Super 85 (1.5). Strada Custom 1980 L4 1.5 gas. Strada Custom 1981 L4 1.5 gas. Strada Custom 1982 L4 1.5 gas. **Ford:** Belina II 1.6 c motor CHT. Capri II 2.3, 2.8. Consul 2.3. Corcel, Corcel II 1.6. Del Rey, Del Rey 1.6. Escort 1.3, 1.6 CHT, Escort Hobby 1.6. FT100, FT125, FT130, FT150, FT175, FT190, FT190, FT160, FT75, FT900. Granada 1.7, 2.0, 2.3, 2.6, 2.8. Pampa 1.6. Royale c/ transmissão automática e EFI. Scala 1.6 CHT. Sierra 1.6, 2.0, 2.3. Taunus 2.0, 2.3. Verona LX 1.6 todos c/ partida Bosch. Versailles 1.8, 2.0, 2.0i. **General Motors:** Chevette 1.4, 1.6, Chevette Junior álcool e gasolina. Chevy 500 c/ partida Bosch. Ipanema 1.8 c/ partida Bosch. Kadett 1.8 c/ partida Bosch. Marajó 1.4, 1.6. Monza, c/ partida Bosch. **Gurgel:** Carajás c/ motor VW AP 1.8 a partir de 02/88. **Lancia:** Delta 1.5, Gamma 2.0, 2.5, Prisma 1.5. **Mercedes Benz:** 200, 208, 220, 230, 250, 280, 308, 350, 380, 450, 500, L208, L308. **Opel:** Admiral 2.8. Ascona B, C. Blitz CF. Comodore B. Corsa 1.0, 1.2, 1.3. Diplomat B. Kadett C, D. Manta B. Monza. Rekord, Rekord D. Senator. **Peugeot:** 104, 504 (1.6, 1.8, 2.0) (V6), 505 (1.8, 2.0), 604 (V6), J5, 505 GLS 1988 V6 2.8 gas. 505 GLX 1988 V6 2.8 gas. 505 S 1989 V6 2.8 gas. 505 STI 1987 V6 2.8 gas. 505 STX 1987 V6 2.8 gas. 505 STX 1988 V6 2.8 gas. 505 STX 1989 V6 2.8 gas. **Porsche:** 924. **Renault:** Fuego, Master 2.0, R18, R20, R30. P1000, P2000, R14GTL-GTS, R18, R18 Turbo, R20, R30. Trafic, Trafic 1.4, 1.6, 2.0. **Saab:** 900 Turbo. **Seat:** Ibiza, Malaga, Ronda. **Talbot:** Samba, Solara, 180, 1610. **Vauxhall:** Astra, Carlton, Cavalier. **Volkswagen:** Gol II 1.0i, Gol II 1.6, Gol II 1.8i. LT28, LT31, LT35, LT40, LT45. Parati GLS, Passat GTS Pointer 1.8 5 cil. a álcool. Passat 5, Santana 5. Santana e Quantum 1.8 e 2.0 CL, GL, GLS. Voyage GLS, Saveiro 1.8 álcool e gasolina. **Volvo:** 140, 142, 144, 160, 164, 240, 340, 360, 760. **Yanmar:** Micro Trator TC11, TC11 Super (NS 11). Micro Trator 1030.

0110



T11 | SPL19 | CW
Fam. 51

ORIGINAL

Autolite-Prestolite: EBB56A - MD01161 - MDW1261 - MGD1061 - MGD1161 - MGD1161A - MGL1161 - P59138 - P59156 - P59170 - P59173 P595 **Butec:** 851075 - 852763 - 852962 **Caterpillar:** 6N3826 **Chrysler:** 15056 - 15113 **Facet:** 480117 - 480321 **Ford:** C2DZ11350A C3DE11350A - C3TZ11350A - C8DF113504 - C9HE11350A - D4HF11350BA - EAB11350A **Leece-Neville:** MQ29077600 - 04486 - 77600 **Lester:** 3041 - 3042 - 3043 - 3045 - 3047 - 3074 - 3296 - 3298 - 3299 - 3342 - 3712 - 3744 - 3745 - 3757 - 3766 - 3770 - 3785 - 3902 - 3905 3941 - 3958 - 3963 - 3974 - 3997 - 4600 - 4899 - 4927 - 4930 - 4937 - 4987 - 6203 - 6208 - 6229 - 6230 - 6231 - 6243 - 6245 - 6352 - 6356 6370 - 6378 - 6509 - 6511 - 6513 - 6538 - 6548 - 6549 - 6551 - 6552 - 6553 - 6554 - 6555 - 6556 - 6564 - 6565 - 6569 - 6619 - 6624 - 6625 6637 - 6671 - 6672 - 6684 - 6760 - 6762 - 6781 **Lucas Indiel:** 223190 **Remy:** 1109625 - 1894211 - 1935487 - 1945487 - 1952083 - 1953373 - 1955777 - 1960370 - 1967779 - 8000066 - 830620 **Ww:** 480321

MOTOR

Caterpillar: 7M8651 **Chrysler:** 15056 - 15113 **Ford:** C3TF11000A - C3TZ11001A - C4TF11000A - C4TZ11002A - CSTZ11002C - C6TF11001A C9HZ11000C - D3TF11000A **Leece-Neville:** CATF11000A - CATZ110024 **Remy:** 1109625 - 1109627 - 1109631 - 1109636 - 1109642 1109643 - 1109649 - 1109755 - 1109759 - 1113475 - 1113519 - 1113643 - 1113645 - 1113832 - 1113884 - 1113952 - 1113955 - 1113956 1113957 - 1113958 - 1113965 - 1113966 - 1113968 - 1113970 - 1113971 - 1113972 - 1113973 - 1113974 - 1113975 - 1113977 - 1113978 1113979 - 1113981 - 1113983 - 1113986 - 1113994 - 1113995 - 1113997 - 1114066 - 1114092 - 1114140 - 1114143 - 1114145 - 1114148 1114150 - 1114197

APLICAÇÃO / APLICACIÓN / APPLICATION

Caterpillar: Máquinas equipadas c/ motor D311, D320, D330, D333, D342, D343.
Cummins: Cummins c/ partida Delco Remy 42MT 12/14V.
General Motors
John Deere (SLC): John Deere c/ partida Delco Remy 42MT.
Massey Ferguson: Massey Ferguson.
TCM Equipment Ag: Série 42MT 12/24V (Caterpillar, Cummins).

0111



T11 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209425 - 9001082324 - 9001082749 **Fiat:** 7073094 - 9932923 **General Motors:** 07073094 **Italacciai:** SD186 **Lester:** 16257 - 16953 **Lucas:** TMB483 **Lucas Indiel:** 221483

MOTOR

Bosch: 0001208218 - 0001208408 - 0001211246 - 0001311116 - 0001311119 - 0001311123 - 0001311129 - 0001311130 - 0001311133 9000082021 - 9000082039 - 9000082040 - 9000082053 - 9000082061 - 9000082066 - 9000082070 - 9000082079 - 9000082080 9000082083 - 9000082085 - 9000142100 **Fiat:** 4470377 - 7501995

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi - Fiat: 124 Spider. 124 Spider 1970 L4 1.4 gas. 124 Spider 1971 L4 1.6 gas. 124 Spider 1972 L4 1.6 gas. 124 Spider 1973 L4 1.6 gas. 124 Spider 1974 L4 1.8 gas. 124 Spider 1975 L4 1.8 gas. 124 Spider 1976 L4 1.8 gas. 124 Spider 1977 L4 1.8 gas. 124 Spider 1978 L4 1.8 gas. 131 Mirafiori, 132, 147. Argenta, Argenta 2.0. Duna, Duna 60, 70. Elba 1.3, 1.5, CS, S. Fiorino, Panorama. Prêmio, Prêmio CS, CSL, S. Regata, Regata 70, 75, 85, 90 IE. Ritmo, Spazio, Super 85, Ritmo 75. Tempra 16V, Tempra 2.0 MPI 16V. Tempra 2.0 SPI 8V, Tempra 2.0 Turbo. Tipo 1.6i.e. Uno, Uno 1.4i (Argentina), Uno 1.4i, 1.6i (Argentina), Uno 1.5, Uno 1.6, Uno 75 IE, Uno CS, Mille, R, S, SX, Uno Mille. **Innocenti:** Elba 1.5, 1.6. **Lada:** Laika 1.5, 1.6. Niva 1.5, 1.6, a partir de 02/93. 2104. **Lancia:** Beta, Beta 1.3, 1.4, 1.6, 1.8, 2.0. Beta HPE 1976 L4 1.8 gas. Beta HPE 1977 L4 1.8 gas. Beta HPE 1978 L4 1.8 gas. Beta Scorpion 1976 L4 1.8 gas. Beta Scorpion 1977 L4 1.8 gas. Delta, Delta 1.5, 1.6. Prisma, Prisma 1.5, 1.6. Trevi, Trevi 1.6, 2.0. **Seat:** 131 (1.6), 132 (1.6, 1.8). **Volvo Penta**

0112T10 | SPL3 | CW
Fam. 20**ORIGINAL**

Lester: 3300 - 4000 - 4100 - 4211 - 4248 - 4251 - 4268 - 4307 - 4318 - 4943 - 4994 - 4995 - 6164 - 6510 - 6707 - 6731 - 6733 - 6737
Lucas Indiel: 223191
Remy: A43652

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Case: Pá Carregadeira c/ partida Delco.
John Deere (SLC): Tractor.
TCM Equipment Ag: Case - Pá Carregadeira.

0114T12 | SPL6 | CW
Fam. 17**ORIGINAL**

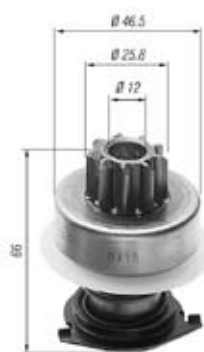
Lucas Indiel: 223192
Wapsa: 224041

MOTOR

Wapsa: MPB36

APLICAÇÃO / APLICACIÓN / APPLICATION

Detroit: Caminhão GM c/ motor 4.53 e partida Wapsa.
General Motors: Caminhão c/ partida Wapsa c/ motor Detroit 4.53.

0115T9 | SPL10 | CW
Fam. 9**ORIGINAL**

Bosch: 9001082425
Lucas Indiel: 221493

MOTOR

Bosch: 9000082017

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Maverick 4 cil.
Willys: Pick-up. Rural. Utilitário Jeep.

0117T12 | SPL19 | CW
Fam. 51**ORIGINAL**

Autolite-Prestolite: PD6A - PD7A - PD71 - P59171 - P59186 - P59220 **Bosch:** 2006202000 **Butec:** 850363 - 852758 - 852957 **Caterpillar:** 4N4517 **Facet:** 480116 - 480410 **Leece-Neville:** 04472 - 71031 - 73146 - 75249 **Lester:** 18020 - 18021 - 3055 - 3064 - 3809 - 3884 - 3894 - 3895 - 3931 - 3949 - 4636 - 4731 - 4732 - 4733 - 4734 - 4747 - 4748 - 5597 - 6213 **Lucas Indiel:** 223193 **Paris-Rhone:** 103066 **Prestolite:** PD71 **Remy:** 1914341 - 1918866 - 1921998 - 1932526 - 1932545 - 1932605 **Valeo:** NE711 - 103066 - 186621 **Ww:** 480410

MOTOR

Autolite-Prestolite: MES6101K - MES6301K - MFJ6201J - MFY6101AUT - MFY6201K **Bosch:** 0001420001 - 0001420003 - 0001420004 - 0001420005 - 0001420009 - 0001420013 - 0001420014 - 0001420015 - 0001420015 - 0001420024 - 0001420025 - 0001421001 - 0001421002 - 0001421003 - 0001421004 - 0001421006 - 0001421008 **Leece-Neville:** 7072MB - 7072MC - 7146MA - 7146MB - 7148MA **Paris-Rhone:** D13E117TE - D13E119TE - D13E120TE - D13E121TE - D13E122TE - D13E123TE **Prestolite:** MES6301K **Remy:** 1108898 - 1108987 - 1109158 - 1109169 - 1109170 - 1109172 - 1109178 - 1109184 - 1109229 - 1109230 - 1109233 - 1109235 - 1109236 - 1109249 - 1109736 - 1109741 - 1109746 - 1109801 - 1109869 - 1112775 - 1113127 - 1113311 - 1113312 - 1113313 - 1113326 - 1113327 - 1113329 - 1113330 - 1113335 - 1113337 - 1113359 - 1113602 - 1113603 - 1113605 - 1113607 - 1113617 - 1113620 - 1113621 - 1113744 - 1113774 - 1113775 - 1113794 - 1113816 - 1113822 - 1114024 - 1114028 - 1114036 - 1114043 - 1114044 - 1114045 - 1114955 - 1114976 - 1990335 - 1992019 **Valeo:** D13E117TE - D13E118TE - D13E119TE - D13E120TE - D13E121TE - D13E122TE - D13E123TE

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: Trator c/ partida Delco Remy 42MT. **Caterpillar:** Caterpillar. **Clark:** Pá Carregadeira. **Cummins:** Cummins c/ partida Delco Remy 42MT 12/24V (empilhadeira Case). **General Motors • John Deere (SLC)** John Deere c/ partida Delco Remy 42MT. **TCM Equipment Ag:** Série 42MT 12D 12/24V.

0118T10 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209394 - 2006209405 - 2006209435 - 9002453074 - 9002453082
Italacciai: SD312
Lester: 18122 - 18259
Lucas: TNB439
Lucas Indiel: 222439

MOTOR

Bosch: F000AL0700 - 0001359008 - 0001359064 - 0001359067 - 0001360050 - 0001365005 - 9000083035 - 9000083038 - 9000083041 - 9000083042 - 9000083051 - 9000083055 - 9000083058 - 9000083059 - 9000083062 - 9000453073 - 9000453086

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: 580H. Retroescavadeira 580H c/ partida Bosch.
CBT: 8240, 8260 (Perkins Engine). Trator 8240, 8260 4x4 c/ motor Perkins.
Chrysler: Caminhão Dodge D300 a partir 09/77 c/ motor Perkins e partida Bosch JF.
DAF: F1300, 1400, 1500, 1600, 1800, 1902 DT. **Ebro:** P112, 9 137, P200, E480.
Ford: D1210. Inter 1800, 1830.
General Motors: Pick-up D20 c/ motor Maxion e partida Bosch, D40, D6000 a partir 03/92. 4006MT, 8000MT.
Harvester: D358.
John Deere (SLC): John Deere MD630, MND730, c/ partida Bosch JF.
Kawasaki: F1300DT, F1400DT, F1500DT, F1600DT, F1800DT, F1902DT, F2105D.
Komatsu: P160, P170, P170T, P190, P200, P260, P270, Retroescavadeira PC150 mod. 5, (hidráulica).
Linde: H20 B/T, H25 B/T, H30 B.
Mack: CS200, 250, MS200, 250.
Man: 5.126, 6.126, 9.126, 10.126, 11.136.
Massey Ferguson: Colheitadeira/Combine/Cosechadora MF102, MF1630, MF210S, MF220, MF310, MF3640, MF5650, todos c/ partida Bosch. Colheitadeira/Combine/Cosechadora MF1630 (PER-A 4248), MF3640 (PER-A 6358), MF5650 (PER-A 6354-4), MF5650 Turbo (PER-AT 6354-4). Pick-up c/ partida Valeo. Trator Maxion 9110, 9130, 9150, 9170. Trator MF265, MF85X, MF50X, MF55X, MF65R, MF65X, MF270, MF285, MF95, MF95i, MF400, MF296, MF296/4, MF290, MF86, MF275, MF275/4, MF292, MF295, MF295/4.
Mercedes Benz: Ônibus OF1113, OH1113, O917, a partir de 01/88.
Perkins: 4, 6 cil. Maxion - SAT (GM - D20, D6000 a partir de 03/92). Maxion - 1006.6T (Trator Ideal 9075, 9090, a partir de 09/94). Perkins - A6.358 (Trator Ideal 9110, 9130, 9150, 9170, a partir de 08/89). Trator MF 296/4, 296, 400, a partir de 04/76). Perkins - Motor Industrial 3152, 4203, 4236, 6354.4, 6358 c/ partida Bosch JF. Perkins - 248 (Trator CBT 8240 a partir de 01/84. Trator MF283). Perkins - 4236 A (Trator MF275, 275/4, 290, 290/4, 275, 275/4, 283, 290/4, 292, 292 Turbo a partir de 04/76). Perkins - 6.354/4 (Trator CBT 8260 4x4 a partir de 01/84).
Saviem: JN75, JP90, SC50, SM6. **Volvo:** 406, 407, F82, F83S. F406, 407, F82 S, 83 S.
Yanmar: BT222, 33, 1050 D. Motor Estacionário BT222, BT233, BT22, BT33. Trator 1050D, 1050D 4x4.

0120T9 | SPL6 | CW
Fam. 10**ORIGINAL**

Bosch: 9001336222 **Femsa:** 03550 - 1706114 - 1706113 **Fiat:** 4130651 - 4142235 - 4145751 - 4202988 - 4249166 - 9936036 - 9941892
Garef: 58350001 - 58350002 **Italacciai:** SD107 **Lester:** 16465 - 16521 - 16593 - 16700 **Lucas Indiel:** 227632
Magneti-Marelli: 74860391 - 74861441 - 74861461 - 74876851 - 85540661 - 85540811

MOTOR

Femsa: MTS12P19 - MTS12P2 - MTS12P20 - MTS12P29 - MTS12V13 - MTS12V25 - MTS121 - MTS1222 - MTS1223 - MTS1229 - MTS1234 - MTS1239 - MTS1242 - MTS1247 - MTS1248 **Fiat:** 4142222 - 4142223 - 4143828 - 4152196 - 4181961 - 4198226 - 4198227 - 4198600 - 4198601 - 4204698 - 4204699 - 4229113 - 4229114 - 4474805 - 4474917 **Italacciai:** MTS1201 **Magneti-Marelli:** 63220700 - 63220701 - 63220702 - 63220705 - 63220706 - 63220720 - 63220721 - 63220723 - 63220724 - 63220731 - 63220740 - 63220741 - 3220743 - 63220744 - 63220746 - 63220800 - 63220833 - 63220834 - 63220836 - 63220900 - 63220932 - 63220940 - 63221300

APLICAÇÃO / APLICACIÓN / APPLICATION

Autobianchi: A112. **Fiat:** 1100TD, 124, 124 Special, 127 (0.9, 1.05, 1.3), 128, 131 (1.3), 141, 238, 241T, X1/9. 124, 127, 128, 131, 238, 241T, 1100T4 Panda 45, Panda 45 4x4. Regata, X1/9 B. Regata 1.1, 1.3, Regata 70. Ritmo 60, 65, 75, 85, Super. Uno 0.9, 1.1 e 1.3. **Lancia:** Delta 1.3. Prisma 1.3. **OM:** BM10. **Seat:** 1200 Sport (1430 cc), 124, 124D, 124D Special, 127, 127 Fura, 128.3P, 131, 131L, 138, Ritmo, Ronda.

0121

Fam. 57

ORIGINAL

Bosch: 9001085105
Onan: 5586123C

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Caterpillar: Motoniveladora 12E até 01/73.
Fiat: Caminhão FNM D11000. Caminhão FNM D9500.
General Motors: Caminhão c/ motor Perkins e partida Bosch.
Massey Ferguson: Trator MF3366 c/ partida Bosch.
Perkins: Perkins - Tratores, Industriais, Estacionários.
Scania: Ônibus BR110, B115, BR115S até 04/75.

0122

Fam. 59

ORIGINAL**Bosch:** 2007010037**MOTOR****Bosch:** 0001410021 - 0001410041 - 0001410063 - 0001410089 - 9000084007 - 9000084008 - 9000084009 - 9000084010 - 9000084011 - 9000084012 - 9000084013 - 9000084014 - 9000084015 - 9000084017 - 9000084018 - 9000084019 - 9000084020 - 9000084021**APLICAÇÃO / APLICACIÓN / APPLICATION****Asia Motors:** Compressor AX430. **Atlas Copco****Case:** Pá Carregadeira W36, W36B Turbo c/ motor Cummins e Scania. Trator Agrícola 2470 e 4490.**Caterpillar:** Grupo Gerador 3304T, 3306T. Moto Scraper 631E. Motoniveladora 120B, 140B (3306). Pá Carregadeira 930 e 966. Trator de Esteiras D4D, D4E, D5B, D6C, D6D, D6E, D8L, 631E.**Cummins:** Chassi p/ Ônibus RC210, UC210. Motor N855, 250 Super, 6C, 6CT, 6CTA. Motores N, NT, NTA, NTA855.**Fiat:** Caminhão 180, 210. Caminhão 190, 190T c/ partida Bosch KB.**Fiat Allis:** Trator de Esteiras AD14 c/ motor Scania.**Fiat Iveco:** Caminhão - todos c/ partida Bosch KB.**Komatsu:** Trator de Esteiras D60A, D60E, D60F, D65A, D65E, todos c/ motor Cummins N855.**Maifera:** Trator M série M210 c/ motor Cummins 6CTA 8.3 a partir de 09/91. Trator M série M240 de 09/91.**Massey Ferguson:** Trator MF4780 c/ motor Scania DN11.**Mercedes Benz:** Caminhão 1519, 2019, 2219, 2220 (OM355-5), 1520, 2020 (OM355-5), 1524, 1525 (OM355-5A), 1924 (OM355-6), 2624, 1924A (OM355-6A), 1929 (OM355-6A), 1932 (OM355-6LA), 1933, 1934 (OM355-6LA). Caminhão/Ônibus 1519, 1524, 1525, 1924, 1924A, 1929, 1932, 1933, 1934, 2019, 2219, 2220, 2624A, 1419, 1420, 1517, 1518. Chassi p/ Ônibus 0364, 0370, 0371, 0371UP, 0H1419, 1420, 1517, 1518, todos c/ partida KB. Motor Estacionário, Gerador, Industrial e Marítimo OM314, OM352, OM352A 0370 (OM355-5, 6, 6A, 6LA), 0371 (OM355-5A, 6A, 6LA), 0371UP (OM355-5). Ônibus 0355, 0364, 0365, 0370, 0371, 0371UP.**MWM:** Motores D e TD232-6V, 8V, 12V.**Scania:** Caminhão L, LS, LT110 (D11), L, LS, LT110S (DS11). Caminhão L, LS, LT111 (D11), L, LS, LT111S (DS11). Caminhão LK, LKS140 (DS14), LK, LKS141 (DS14). Caminhão LK, LKS142 (DS14), T e R142 (DS14, DSC14). Caminhão T e R112 (DN11, DS11, DSC11), T e R112-310 HW, EW (DS11). Caminhão T e R112-360 HW, EW (DSC11). Caminhão T e R142-210 HW, EW (DSC14), Caminhão 145, BR145, CR145L, CR145T, CR145X, DSI14. Chassi p/ Ônibus K112, S112. Motor DN11, DS11, DS14 Industrial, Gerador e Marítimo. Motor p/ Gerador e Industrial DN11. Ônibus BR115, BR115S, BR116, BR116S, a partir de 05/75. Plataforma p/ Ônibus S112 (DN11, DS11).**Volkswagen:** Caminhão VW14.170, VW14.210, VW16.170, VW16.210.**Volvo:** Caminhão NL10-210, NL10-340, NL12-400, N10, N12. Chassi p/ Ônibus B10M, B58E.**0125**T13 | SPL3 | CCW
Fam. 20**ORIGINAL****Bosch:** 9001453349**Lucas:** TWB240**Wapsa:** 224040**MOTOR****Bosch:** 9000453013 - 9000453048**Wapsa:** MPB38**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Mini Pá Carregadeira. Motor Estacionário M790 c/ partida Wapsa. Trator T4200, T4300.**Bobcat:** Mini Pá Carregadeira c/ motor Agrale e partida Wapsa.**Clark:** Mini Pá Carregadeira.**0126**T9 | SPL6 | CW
Fam. 17**ORIGINAL****Wapsa:** 224039**MOTOR****Wapsa:** MPB35**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Galaxie. Landau. LTD. Maverick c/ motor 302 CID 8 cil. a partir de 76.

0131T9 | SPL10 | CCW
Fam. 48**ORIGINAL**

Bosch: 1006209061 - 1006209102 - 1006209104 - 1006209161 - 1006209339 - 2006209160 - 2006209161 - 2006209311
Italacciai: SD457 **Lester:** 16396 - 16450 **Lucas Indiel:** 223317 **Volkswagen:** 113911335C

MOTOR

Bosch: 0001160003 - 0001160013 - 0001207016 - 0001207018 - 0001207019 - 0001211012

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: 1200, 1300, 1500, 1600. Sedan 1200, 1300, 1500, 1600. Transporter 1.5, 1.6. Transporter Ters FRZ.

0133

Fam. 58

ORIGINAL

Bosch: 2003162001 - 2003162005 - 2003162006 - 2003162016 - 2006401527 **Fiat:** 9926536 **Lucas Indiel:** 223197

MOTOR

Bosch: 0001410021 - 0001410041 - 0001410063 - 0001410089 - 9000084007 - 9000084008 - 9000084009 - 9000084010 - 9000084011
 9000084012 - 9000084013 - 9000084014 - 9000084015 - 9000084016 - 9000084017 - 9000084018 - 9000084019 - 9000084020
 9000084021 - 9000084022 - 9000084023

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Compressor AX430.

Atlas Copco -

Case: Pá Carregadeira W36, W36B c/ motor Cummins e Scania. Trator Agrícola 2470 e 4490.

Caterpillar: Grupo Gerador 3304T, 3306T. Moto Scraper 631E. Motoniveladora 120B, 140B (3306). Pá Carregadeira 930 e 966.

Trator de Esteiras D4D, D4E, D5B, D6C, D6D, D6E, D8L, 631E.

Cummins: Chassi p/ Ônibus RC210, UC210. Motor N855, 250 Super, 6C, 6CT, 6CTA.

Fiat: Caminhão 180, 210. Caminhão 190, 190T c/ partida Bosch KB.

Fiat Allis: Trator de Esteiras AD14 c/ motor Scania.

Fiat Iveco: Caminhão - todos c/ partida Bosch KB.

Komatsu: Trator de Esteiras D60A, D60E, D60F, D65A, D65E, todos c/ motor Cummins N855.

Mafersa: Trator M série M210 c/ motor Cummins 6CTA 8.3 a partir de 09/91. Trator M série M240

c/ motor Cummins 6CTA 8.3 a partir de 09/91.

Massey Ferguson: Trator MF4780 c/ motor Scania DN11.

Mercedes Benz: Caminhão MB858, MB866, MB868, MB856. Caminhão 1519, 2019, 2219, 2220 (OM355-5), 1520, 2020 (OM355-5), 1524, 1525 (OM355-5A), 1924 (OM355-6), 2624, 1924A (OM355-6A), 1929 (OM355-6A), 1932 (OM355-6LA), 1933, 1934 (OM355-6LA).

Caminhão/Ônibus 1519, 1524, 1525, 1924, 1924A, 1929, 1932, 1933, 1934, 2019, 2219, 2220, 2624A, 1419, 1420, 1517, 1518. Chassi p/ Ônibus 0364, 0370, 0371, 0371UP, OH1419, 1420, 1517, 1518, todos c/ partida KB. Motor Estacionário, Gerador, Industrial e Marítimo OM314, OM352, OM352A 0370 (OM355-5, 6, 6A, 6LA), 0371 (OM355-5A, 6A, 6LA), 0371UP (OM355-5). Ônibus 0355 (OM355-6), 0364 (OM355-5 e 6), 0365 (OM355-5), 0370, 0371, 0371UP.

MWM: Motor D232, TD232.

Scania: Caminhão L, LS, LT110 (D11), L, LS, LT 110S (DS11). Caminhão 145, BR145, CR145L, CR145T, CR145X, DS114. Chassi p/ Ônibus K112, S112, BR116S. Motor DN11, DS11, DS14 Industrial e Marítimo. Ônibus BR115, BR115S, BR116, BR116S, a partir de 05/75.

Volkswagen: Caminhão VW14.170, VW14.210, VW16.170, VW16.210.

Volvo: Caminhão NL10, 210, NL10-340, NL2-400, N10, N12. Chassi p/ Ônibus B10M, B58E.

0134T13 | SPL12 | CW
Fam. 39**ORIGINAL**

Lester: 17642

Lucas: TMB125 - 54247397 - 60600078

MOTOR

Lucas: 26275F/K - 26280F/J - 26306E/H - 27412A/D - 27416A/D - 27423A - 27452A - 27475A

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: 580, 990, 995, 1294, 1394. Trator c/ partida Lucas. **Dodge:** FB Bantam, DKC, KC, KCB. **Lancer:** HP séries.

Massey Ferguson: Massey Ferguson. MF101 C, MF275, 285, 365, 375, 399.

0135T9 | SPL12 | CW
Fam. 4**ORIGINAL**

Autolite-Prestolite: BRC3001J - P1849 **Bosch:** 1987BE0004 **Chrysler:** F01912 - LM1901 - PL1991 **Ford:** C6FF11350B - C9FF11350A D6FF11350AA - D6FF11350BA **Lester:** 3207- 3208 - 3209 - 3211 - 3212 **Remy:** 1838065 - 1938065

MOTOR

Autolite-Prestolite: C5AF/1A
Ford: C6FF11001 - C6FF11001A - C9FF11001B - D0FF11001B - D0FF11001C

APLICAÇÃO / APLICACIÓN / APPLICATION

Jeep: 6, 8 cil.

0139T9 | SPL10 | CW
Fam. 9**ORIGINAL**

Bosch: 1006209080 - 1006209439 - 9001043178 **Italacciai:** SD309 **Lester:** 16299 - 16543

MOTOR

Bosch: 0001313004

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 200, 220, 230, 250, 280, 280 S, SE, SL, 115KAS.

0140T9 | SPL10 | CW
Fam. 50**ORIGINAL**

Bosch: 1987BE0023 **Lester:** 16215 - 16222 - 16224 - 16230 - 16238 - 16261 - 16766 - 16832 - 16843 - 17354 **Lucas Indiel:** 223199
Nippondenso: 0283000660 - 0283000901 - 0283000911 - 0283001951 - 0283003350
Toyota: 2801115010 - 2801141020 - 2801141021 - 2801160040 - 2801160041

MOTOR

Nippondenso: 0280002250 - 0280002260 - 0280002364 - 0280002660 - 0280002681 - 0280003051 - 0280003710 - 0280004330
0280006100 - 0280006103 - 0280006422 - 0280006494 - 0280006800 - 0280006810 - 0280006813 - 0280006823 - 0280007093
0280007132 - 0280007332 - 0280007460 - 0280007461 - 0280007470 - 0280007520 - 0280007521 - 0280007780 - 0280007981
0280009010 - 0280009020 - 0280009570 - 0280009680 - 0280009960 - 1280001610 - 1280002050 - 1280008130
Toyota: 2810034070 - 2810040061 - 2810042021 - 2810044041 - 2810060042

APLICAÇÃO / APLICACIÓN / APPLICATION

Daihatsu: Charmant. Delta. **Toyota:** 20R. Carina 1.4, 1.6, 2.0. Celica 1.4, 1.6, 2.0, 2.2, 2.3. Corolla. Corona 1.4, 1.6, 1.8, 1.9, 2.0, 2.2, 2.3, 2.6. Crown. Dyna, FJ 60. Hi Ace. Hilux. Mark2. Sprinter 1.6.

0141T9 | SPL10 | CW
Fam. 26**ORIGINAL**

General Motors: 94021427 **Hitachi:** 2114N-1550 - 2114N1550 - 2114N-1560 - 2114N4550 **Isuzu:** 8821213620 - 8921233010
9811233010 - 9821233010 **Lester:** 16190 - 16201 - 16203 - 16205 - 16207 - 16209 - 16211 - 16246 - 16270 - 16805 **Nissan-Datsun:**
23312E3000 - 23312E3300 - 23312E6000 - 23312N0900 - 233120990 - 2331210600 - 2331210605 - 2331221000 - 2331221005 - 2331243601

MOTOR

General Motors: 94021044 - 94022494 - 94024438 **Hitachi:** S114100 - S114103 - S114103K - S114103L - S114103M - S114103N - S114103P
S114108 - S114108L - S114118 - S114121 - S114121N - S114122 - S114122N - S114131 - S114133 - S114134 - S114136 - S114143 - S114150
S114156 - S114192 - S11423 - S11423K - S11471 - S11472 - S11487 - S11487L - S11487M - S11487P - S11488 - S11491 - S11491K - S11492
S11492K - S1144192 - S114455 **Isuzu:** 8821001260 - 8942010201 - 9821001260 - 9821006060 - 9821006350 **Nissan-Datsun:** 23300E3000
23300E3001 - 23300E3100 - 23300E3101 - 23300H0100 - 23300H0101 - 23300H3900 - 2330008700 - 2330009500 - 2330009600 - 2330009602
23300099600 - 2330010600 - 2330010601 - 2330010605 - 2330010615 - 2330015800 - 2330015805 - 2330018000 - 2330018005
2330018015 - 2330021000 - 2330021005 - 2330021006 - 2330021007 - 2330021008 - 2330021009 - 2330021017 - 2330026900 - 2330026901
2330043300 - 2330043305 - 2330043405 - 2330048300 - 2330048301 - 2330078505 - 2330079400 - 2330221008 - 4330078505

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Chevy Lux. **Isuzu:** KB20. **Nissan-Datsun:** 120Y, 1200, 1300, 140Y, 160Y. Altima. Bluebird. Cabstar 2.0. Cedric. Cherry. J13. Laurel. Skyline. Sunny. Violet.

0144



ORIGINAL

Facet: 10127 **Lester:** 16210 - 16500 - 16519 - 16520 - 16522 - 16524 - 16571 - 16588 - 16720 - 16742 - 18097 **Lucas Indiel:** 223201
Mazda: 022224722 - 175723709 **Mitsubishi:** K300 - K320 - MD02052 - MD600679 - MD602052 - MD6020599 - MD602678
 MD602679 - M191T30171 - M191T30971 - M191T30972 - M191T30973 - M191T33071 - M191T602052 - M191T602059
Nissan-Datsun: 23312E3010 **Ww:** 10127

MOTOR

Mazda: 022218400 - 022218400A - 032418400 - 032418400A - 042618400A - 042618400B - 489418400B - 489418400C - 489418400D
Mitsubishi: MCA020 - MD001550 - MD001552 - MD001553 - MD003550 - MD003551 - MD011550 - MD011553 - MD021665 - MD021666
 MD021670 - MD021672 - MD021676 - MD021679 - MD021686 - MEA010 - MEA011 - MEA030 - MEA031 - MEA040 - MEA041 MEA061
 MEA071 - MEA121 - MEC012 - MED030 - MED031 - MED032 - MED034 - MED041 - MED042 - MED074 - MED10AZR - MEWR - ME031 - ME041
 ME10AZR - ME10WR - ME12AZR - MQJR - MQJ1R - MQJ2R - MQJ6R - M2T10171 - M2T10271 - M2T15772 - M3T10071 - M3T10072 - M3T10171
 M3T10271 - M3T10272 - M3T10371 - M3T10372 - M3T10572 - M3T10672 - M3T11172 - M3T11173 - M3T11173Q - M3T11174 - M3T11272
 M3T11372 - M3T11373 - M3T11772 - M3T12372 - M3T12572 - M3T12672 - M3T13071 - M3T13072 - M3T15072 - M3T15073 - M3T15074
 M3T15075 - M3T15171 - M3T15271 - M3T15372 - M3T15675 - M3T15772 - M3T15872 - M3T15972 - M3T19171 - M3T19271 - M3T19471
 M4T14372 - M4T14572 - M4T14672 - M4T14673 - M4T14674 - M4T14771 - M4T14872 - M4T14672 - M4714674
Nissan-Datsun: 2330078511

APLICAÇÃO / APLICACIÓN / APPLICATION

Mazda: 323 1.0, 1.3, 616, 618, 929 1.8, 929 1.8. Capella. Familia. Luce. Pick-up 1000, 1.2. Proseed.
Mitsubishi: Celeste, Celeste 1.6 c/ motor 4G5. Colt, Colt Galant 1.8, 2.0 c/ motor 4G5. Colt 1.2 c/
 motor 4G5. Galant, Galant 1.6 c/ motor 4G5. L200 1.6, L300 2.0 4WD.
 Lancer, Lancer Galant c/ motor 4G5. Pajero 2.6. Sapporo. Sigma. Space Wagon 1.8 D. Starion. Trator. Tredia 2.0.
Nissan-Datsun: 260, 300, Caball, E60. H20, Z20, Z22.

0150



ORIGINAL

Italacciai: SD198 **Lester:** 16670 - 17071 - 17072 - 17649 - 17650 - 17651 - 17652
Lucas: TMB100 - 54244938 - 54246285 - 54246654 - 60600066 **Lucas Indiel:** 223205

MOTOR

Italacciai: 26273E **Lucas:** 26246M - 26246MM50 - 26273E/F - 26273H/M - 26274E/F - 26274H/N - 26290B - 26294D/E - 26294F/Q
 26295D/Q - 26304D - 26323A - 26323AM50 - 26343A/K - 26344A/F - 26345A/J - 26351A/H - 26357A/E - 26358A/H - 26365A/F
 26366A/F - 26369A/J - 26374A/F - 26376A/L - 26378A/H - 26393A/F - 26403A/D - 26404A/D - 26404ADM50 - 26408A/E
 26409A/E - 26410A/B - 26411A/B - 26414A/E - 26427A - 26427AM50 - 26436A/B

APLICAÇÃO / APLICACIÓN / APPLICATION

Benati: Wheeled Loader. **Berliet:** GLC4, GLC5, 560GK, 610GK. **Dodge:** Buffel. Konistier. Mammot. **Eicher:** Buffel. Königstiger 74.
 Mammot. **JCB:** 926, 930 Forklifts. **Laverda:** M150 Colheiteadeira/Combine/Cosechadora.
Massey Ferguson: 205, 235, 274, 275, 307, 506, 575, MF102, 135, 148, 155, 168, 1200. Massey Ferguson.
New Holland: 1540, 1545, 1550 Colheiteadeira/Combine/Cosechadora.
 New Holland. Trator c/ partida Lucas. **Perkins:** 4 cil. Perkins, Tratores, Industriais, Estacionários.
Poclain: LC80, LV80, TC45, TY45. **Renault V.I.:** Commando 100.

0155



ORIGINAL

Bosch: 1987BE0024 **Italacciai:** SD303 **Lester:** 16606 - 16660 - 16670 - 17072 - 17639 - 17640 - 17641 - 17644 - 17645 - 17649 - 17651
 17652 - 17653 **Lucas:** TMB120 - TNB108 - TNB165 - 54247034 - 54247036 - 54268141 - 54294922 - 60600024 **Lucas Indiel:** 228141

MOTOR

Lucas: 26236L - 26238M/Q - 26248M - 26256H - 26259L/N - 26260E - 26264H/K - 26271F/J - 26279F/K - 26281F/J - 26283H/K - 26285F
 26287F/J - 26288F - 26310E/F - 26321D/F - 26347A/B - 26364A/F - 26370B/E - 26375A/D - 26387A/E - 26391A/B - 26412A - 26413A - 26422A
 27245A - 27403A - 27407A - 27408A - 27409A/D - 27411A/B - 27414A - 27415A/D - 27417A/D - 27420A/B - 27424A/B - 27426A/F - 27427A/E
 27429A/B - 27432A/E - 27433A/D - 27435A - 27439A - 27446A - 27459A - 27461A/B - 27464A/B - 27468A/B - 27469A - 27470A/B - 27474A/B
 27502A/D - 27503A/D - 27510 - 27513A - 27514A/B - 27515A/E - 27518A/E - 27519A/D - 27522A/D - 27523A/D - 27524A/B - 27525A/B
 27526A/D - 27527A/B - 27532A/D - 27536A/D - 27537A/B - 27538A/D - 27539A/F - 7540A/H - 27541A/D - 27550A/B - 27559A/E - 27565B/D
 27568A - 27570A/B - 27571A/B - 27572A/B - 27573 - 27574 - 27583D

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: DKC, DKCB, KC, KCB, 50/100 séries. **Eicher:** Tiger 74. **Ford:** Trator 2000, 2600, 3000, 3600, 8000 73. **JCB:** 400, 500 séries, 800
 séries. **Land Rover:** Diesel. **Leyland:** FG, FM, VW Range, EA. **Massey Ferguson:** MF133, 145, 152, 165, 174, MF194, 235, 250, 265,
 290. **New Holland:** Colheiteadeira/Combine/Cosechadora 1540, 1545, 1550. **Perkins:** 6 cil. Perkins - Tratores, Industriais, Estacionários.

0158**ORIGINAL**

Bosch: 1987BE0025
Lucas Indiel: 227327 - 583514243

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Peugeot: 404, 504, 505.

0160**ORIGINAL**

Bosch: 1987BE0026
Lucas Indiel: 227331 - 35257331 - 4A504187

MOTOR

Lucas Indiel: 35255556 - 35255999

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F100 desde 1977, Falcon, Fairlane 77.
Peugeot: Todos c/ motor Indenor XD4. 88.

0161**ORIGINAL**

Bosch: 1987BE0027
Lucas Indiel: 227332 - 35257332 - 4A54440

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Chevrolet: Pickup, 400, C10-63 a 78.
Ford: Falcon 63 a 77.
Opel: K180.

0162**ORIGINAL**

Bosch: 1987BE0028
Lucas Indiel: 228131 - 35257090 - 35257340 - 35258131

MOTOR

Lucas: 35258000

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F100, F150, F250, F 350, F400, F600. F1000 gasolina 6cil. (ano 95). Fairlane. Falcon. Ranchero.

0163



T9 | SPL10 | CW
Fam. 8

ORIGINAL

Bosch: 9001082401
Lucas: TMB401

MOTOR

Bosch: 9000082028

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão TX1100 M790. Motor Estacionário M70, M790, M80, M85, M90, M93ID, todos a partir de 08/77. Trator 4100, 416, 420 a partir de 08/77.

0170



T9 | - | CCW
Fam. 64

ORIGINAL

Bosch: 9001336211
Femsa: 148981
Italacciai: SD300
Lester: 16121 - 16122 - 16167 - 16168 - 16188
Lucas: TLB112 - 54252212

MOTOR

Italacciai: MTJ01201
Lucas: 25147DM35

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: 1100, Allegro, Maxi, Mini. **Bedford:** CF, Chevanne, Ha Van.
Hillman: Avenger, Hunter. **Innocenti:** Mini, Regent.
M.G.: 1300, Midget. **Morris:** Marina, Oxford.
Triumph: Dolomite, Spitfire, Toledo. **Vauxhall:** Victor.

0171



T9 | - | CCW
Fam. 63

ORIGINAL

Lucas: 250698

MOTOR

Lucas: 25147DM35

APLICAÇÃO / APLICACIÓN / APPLICATION

Hillman

0182



T13 | SPL19 | CW
Fam. 51

ORIGINAL

Facet: 10583 - 480417 **Ford:** C8TZ11350A - C8WF11350A
Lester: 3758 - 3798 - 3945 - 3979 - 6257 - 6381 - 6500 - 6515 - 6547 - 6681 **Lucas Indiel:** 223211
Remy: 0800069 - 0800071 - 1893562 - 1894214 - 1894216 - 1947920 - 1950586 - 1971167
Ww: 480417

MOTOR

Ford: C8TF11000B - C8TZ11002A - E0HT11000AA - E0HT11000AB - E0HZ11002A
Remy: 1113852 - 1113871 - 1113873 - 1113940 - 1113941 - 1113985 - 1113988 - 1114052 - 1114077
1114094 - 1114101 - 1114146 - 1114154 - 1114168

APLICAÇÃO / APLICACIÓN / APPLICATION

IHC

Massey Ferguson: Colheitadeira/Combine/Cosechadora MF c/ partida Delco Remy. Trator MF c/ partida Delco.
TCM Equipment Ag: Série 42MT 24V (c/ motor Detroit).

0183T9 | SPL9 | CW
Fam. 26**ORIGINAL**

Bosch: 1987BE0005
Ducellier: 079692
Lester: 16466
Lucas Indiel: 1018679 - 227326

MOTOR

Ducellier: 6128A - 6144A

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: 128 c/ motor 1100 e 1300.
Lancia: Flavia 1.8.
Renault: Estafette. R5, R6, R15, R16, R17, R20. 4, 6 e 12 c/ motor 1100.
Talbot: 1300, 1301, 1500, 1501.

0184T9 | SPL10 | CW
Fam. 47**ORIGINAL**

Ford: D27Z11350A - D37Z11350A - SDE198 **Italcacciai:** SD152 **Lester:** 16215 - 16218 - 16230 - 16242 - 16245 - 16260 - 16261
 16633 - 16637 - 16646 **Lucas Indiel:** 223464 **Mazda:** 029024830 **Mitsubishi:** MD604047 - MD604048 - MD604080
Nippondenso: 0283000851 - 0283001020 - 0283001540 - 0283001542 **Suzuki:** 3132063210
Toyota: 2801122010 - 2801122020 - 2801122022 - 2801123020 - 2801124020 - 2801124060 - 2801124080 - 2801126020
 2801133033 - 2801140041 2801146010 - 2801187102
Ww: 10121 - 10501 - 10504

MOTOR

Ford: D2TZ110002A - D2TZ11002A - D27Z11002A - D37Z11002A - SAE674A
Italcacciai: 28002150
Mazda: 057818400
Mitsubishi: MD011550
Nippondenso: 0280000430 - 0280001730 - 0280001940 - 0280001970 - 0280001971 - 0280001972
 0280001973 - 0280002140 - 0280002141 - 0280002150 - 0280002151 - 0280002240 - 0280002241 - 0280002660 - 0280002661
 0280002890 - 0280002930 - 0280002931 - 0280002932 - 0280002933 - 0280003000 - 0280003240 - 0280003241 - 0280003320
 0280003330 - 0280003331 - 0280003332 - 0280003500 - 0280003800 - 0280003830 - 0280003841 - 0280003900 - 0280003901
 0280004030 - 0280004031 - 0280004032 - 0280004040 - 0280004041 - 0280004042 - 0280004050 - 0280004090 - 0280004180
 0280004500 - 0280004520 - 0280004530 - 0280004600 - 0280004601 - 0280004630 - 0280004650 - 0280004660 - 0280004680
 0280004690 - 0280004691 - 0280004700 - 0280004710 - 0280005070 - 0280005071 - 0280005280 - 0280006220 - 0280006790
 0280009690
Suzuki: 3110063210
Toyota: 2810010012 - 2810010013 - 2810012030 - 2810012040 - 2810015050 - 2810015140 - 2810021030 - 2810022010
 2810022011 - 2810022012 - 2810022020 - 2810022021 - 2810022022 - 2810023010 - 2810023012 - 28100240012 - 28100240060
 2810024012 - 2810024020 - 2810024022 - 2810024030 - 2810024031 - 2810024060 - 2810024061 - 2810024070 - 2810024080
 2810024090 - 2810024100 - 2810024680 - 281002470 - 2810025010 - 2810025011 - 2810025012 - 2810026020 - 2810026021
 2810026022 - 2810032021 - 2810040040 - 2810040050 - 2810041010 - 2810041011 - 2810060010 - 2810087104

APLICAÇÃO/APLICACIÓN/APPLICATION

Daihatsu: Charmant 1.3, 1.4, 1.6. Copain. Delta.
Toyota: 3T. Carina 1.4, 1.6. Celica 1.4, 1.6. Copain 1.0. Corolla 1.2, 1.3, 1.4, 1.6.
 Corona. Corona 1.4, 1.6. Lite Ace. Publica. Sprinter.
 Starlet. Starlet 1.0, 1.2.

0186T10 | SPL6 | CW
Fam. 20**ORIGINAL**

Bosch: 9001453344
Lucas: TWB245
Wapsa: 224045

MOTOR

Bosch: 9000453007 - 9000453008 - 9000453044 - 9000453045
Wapsa: MPB47 - MPB48

APLICAÇÃO/APLICACIÓN/APPLICATION

Hyster: Empilhadeira c/ motor Perkins 4203, 4236, GM2500 4C, GM4100 6 cil.
Perkins: Perkins - Tratores, Industriais, Estacionários.

0188



T11 | SPL19 | CW
Fam. 51

ORIGINAL

Autolite-Prestolite: EBB24 - EBB90 - PD8A - PD9A - P59143 - P59203 - P59205 - P59230 **Butec:** 850629 - 852760 - 852959
Facet: 480115 - 480320 **Ingersoll-Rand:** 101BMP2991
Leece-Neville: M029074977 - 04488 - 13538 - 34977 - 71151 - 73493 - 74977 97222
Lester: 18022 - 18038 - 3053 - 3056 - 3057 - 3058 - 3060 - 3061 - 3777 - 3846 - 3976 - 4749 - 4984 - 5311 - 6209
Lucas Indiel: 223212 **Prestolite:** PD8A
Remy: 1909514 - 1918079 - 1920669 - 1932031 - 1948764 - 1964300 - 1964302 - 1985129 **UTMS:** DV202749 **Ww:** 480115

MOTOR

Autolite-Prestolite: MES6102K - MES6103LUT - MFJ6301D - MFJ6306C - MFY6104CUT **Leece-Neville:** M0017232MA - M0017234MA
M0017274MA - 7082MA - 7086MA - 7086MB - 7120MA - 7186MB **Remy:** 1103809 - 1108894 - 1108895 - 1109234 - 1109237 - 1109248
1109762 - 1109767 - 1109823 - 1109874 - 1109891 - 1113606 - 1113612 - 1113619 - 1113730 - 1113731 - 1113736 - 1113741 - 1113747
1113751 - 1113772 - 1113773 - 1113781 - 1113782 - 1113785 - 1113805 - 1113809 - 1113815 - 1113885 - 1114041

APLICAÇÃO/APLICACIÓN/APPLICATION

General Motors - TCM Equipment Ag: Série 42MT 24V (Allis Chalmer).

0189



T9 | SPL9 | CW
Fam. 18

ORIGINAL

Bendix: 299033 - 299955 - 310629 - 313910 - 324565 - 325228 **Ducellier:** 605028 - 605055 - 612355 **Fiat:** 9937711
Italacciai: SD117 **Lester:** 16462 - 16484 **Lucas:** TMB211 **Lucas Indiel:** 223467 **Paris-Rhone:** 078862 - 092079 - 093297 - 096118
Valeo: NE180 - NE319 - 612355

MOTOR

Ducellier: 532005 - 532005A - 532007 - 532007A - 532020 - 532026 - 533000 - 533000A - 533002 - 533002A - 533003 - 533004
534002A - 534003 - 534003A - 534004 - 534004AB - 534005 - 534005AB - 534007 - 583008A - 618077DEF - 618078AB - 618090B
618091ABC - 618358AB - 618482AB - 618484AB - 618565A - 618795A - 6189 - 6189ABCDEF - 6190 - 6190AB - 6212 - 6212AB
6216 - 6216ABC - 6220 - 6220AB - 6222A - 6226 - 6226A - 6237 - 6237AB - 6238 - 6238AB - 6240A - 6242 - 6242A - 6246 - 6246AB
6247 - 6247AB **Italacciai:** 006237A **Paris-Rhone:** D8E83 - D8RA114

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: Alfasad. **Citroën:** LNA, LNA II, Visa, Visa Super. **Lancia:** Beta. **Peugeot:** 104, 205, 404, 504, 505, J7, J9. **Renault:** R14.
Talbot: 1307, 1308, 1510, Samba.

0191



T9 | SPL3 | CCW
Fam. 23

ORIGINAL

Bosch: 9001082128 - 9001082422
Lucas: TMB486
Lucas Indiel: 221486

MOTOR

Bosch: 9000082003

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: 1600. Karmann-Ghia c/ partida Bosch 12V, de 68 a 72. Kombi 1.2, 1.3, 1.5 c/ partida Bosch 12V, de 68 a 72. Pick-up 1.2,
1.3, 1.5 c/ partida Bosch 12V, de 68 a 72. Sedan 1.2, 1.3, 1.5 c/ partida Bosch 12V, de 68 a 72. SP1, SP2, TC1600, TL1600 c/ partida Bosch
12V, de 68 a 72. Variant c/ partida Bosch 12V, (de 68 a 72).

0192



T9 | SPL3 | CCW
Fam. 17

ORIGINAL

Bosch: 1987BE0123 - 9001451292
Lucas: TMB487
Lucas Indiel: 221487
Volkswagen: 1119113354
Wapsa: 224012

MOTOR

Wapsa: MWV12 - MWV12F

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: 1500, 1600. Brasília c/ partida Wapsa 12V de 68 a 04/81. Karmann-Ghia c/ partida Wapsa 12V a partir de 68. Kombi 1.2,
1.3, 1.5 c/ partida Wapsa 12V de 68 a 04/81. Pick-up 1.2, 1.3, 1.5 c/ partida Wapsa 12V, de 68 a 04/81. Sedan 1.2, 1.3, 1.5 c/ partida Wapsa
12V, de 68 a 04/81. SP1, SP2, TC1600, TL1600 c/ partida Wapsa 12V a partir de 68. SP2 c/ partida Wapsa 12V de 68 a 04/81.
Variant todos c/ partida Wapsa 12V a partir de 68.

0193T9 | SPL6 | CW
Fam. 20**ORIGINAL****Bosch:** 9001453387
Wapsa: 224011**MOTOR****Wapsa:** MPB25 - MPB27 - MPE1**APLICAÇÃO / APLICACIÓN / APPLICATION****Yale:** 51C/P (Ford 6 cyl.), 83A (GM 6 cyl.). Empilhadeira 51CP, 51P, c/ motor Ford 6 cil. Empilhadeira 83A c/ motor GM 6 cil.**0198**T10 | SPL6 | CW
Fam. 20**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****0201**- - -
Fam. 66**ORIGINAL****Bosch:** 2006401900 - 2009999036 - 9001085105**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Caterpillar:** Motoniveladora 12E até 01/73.
Fiat: Caminhão FNM D11000. Caminhão FNM D9500.
General Motors: Caminhão c/ motor Perkins e partida Bosch 24V.**0204**- - -
Fam. 56**ORIGINAL****Bosch:** 2006401904 - 2009999032 - 9001085105
Onan: 5586123**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz:** Caminhão OM321, OM324, OM326 c/ partida MTB2.

0205



T9 | SPL12 | CW
Fam. 6

ORIGINAL

Chrysler: F01903 - F01910

Ford: C2DF11350C - C4DF11350A - C4DZ11350A - C4DZ11350B - C4ZZ11350B - C8DF11350B - C8DF11350G - C80F11350A - D1RY11350B
D1RY11350C - D2RY11350B - D4RY11350A - D6EF11350AA - D6EF11350BA - D6GF11350AA - D6GF11350BA - D6PZ11350A

Leece-Neville: 04234

Lester: 3148

Remy: F2003 - 1972286

MOTOR

Ford: C4DZ11001A - C4DZ11001B - D0DF11001A - D1FF11001A - D1FF11001AA

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Falcon.

0213



T11 | SPL6 | CW
Fam. 10

ORIGINAL

Bosch: 9001133219 **CBT:** CT2213708600 - 210137086200 **Femsa:** 1706110 **Fiat:** 4154293 - 4243124 - 4475122 **Garef:** 1470824

Italacciai: SD108 **Lada:** CT2213708600 - 210103708620 - 21013798620 **Lester:** 16257 **Lucas:** TMB620 **Lucas Indiel:** 221601

Magneti-Marelli: 74866611 - 74867401 - 74874241 - 85540271 - 85540751 **Porsche:** 21013708620 - CT 2213708600

MOTOR

CBT: 21013708000 **Femsa:** MTD12H8 - MTD12P6 - MTD12V9 - MTD1214 - MTD1219 - MTD129 **Fiat:** 4156064 - 4162784 - 4206634 - 4285916 - 4294494
4294495 - 4474599 - 4474714 - 4474746 - 4474747 - 4474762 - 4474976 - 4474979 - 4475025 - 4475130 **Italacciai:** MTD1209 **Magneti-Marelli:**
36222700 - 63222400 - 63222405 - 63222408 - 63222409 - 63222430 - 63222435 - 63222438 - 63222439 - 63222501 - 63222502 - 63222531
63222532 - 63222536 - 63222602 - 63222605 63222632 - 63222635 - 63222636 - 63222700 - 63222701 - 63222706 63222730 - 63222731 - 63222736

APLICAÇÃO / APLICACIÓN / APPLICATION

Belarus: MTZ50, 52. **Ferrari:** 208 GT, 308 GT, 365 GT, 512 BB. **Fiat:** 124 Special (1.4, 0.6), 125 Special, 130, 131 (1.6, 1.8), 132 (1.6, 1.8, 0.2). 124 Spider 1970 L4 1.4 gas. 124 Spider 1971 L4 1.6 gas. 124 Spider 1972 L4 1.6 gas. 124 Spider 1973 L4 1.6 gas. 124 Spider 1974 L4 1.8 gas. 124 Spider 1975 L4 1.8 gas. 124 Spider 1976 L4 1.8 gas. 124 Spider 1977 L4 1.8 gas. 124 Spider 1978 L4 1.8 gas. 124 Sport, 125, 130, 131, 132. Abarth Rally. Brava, Super Brava. Campagnola 1107 A, AD, JD. Dino. Racing. Special 1.6. Sport Coupe, Sport Spider. Super Mirafiori Biald 1.3, 1.6, 1.8. **Lada:** Lada 1200, 1500. Laika. Niva. Niva Vaz 2121. 2104. **Lancia:** Beta, Beta 2.0. Beta HPE 1976 L4 1.8 gas. Beta HPE 1977 L4 1.8 gas. Beta HPE 1978 L4 1.8 gas. Beta Scorpion 1976 L4 1.8 gas. Beta Scorpion 1977 L4 1.8 gas. HPE. Trevi, Trevi 2.0. **Seat:** 124, 131, 132, 1430. 131E, 132, 1430 (1.6, 1.8), 124 (1.8), 131 (1.6).

0215



T9 | SPL12 | CW
Fam. 17

ORIGINAL

Italacciai: SD400

Lucas Indiel: 223481

Paris-Rhone: 95990

MOTOR

Italacciai: D11E159

Paris-Rhone: D11E159 - D11E165

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 404 D, 504 D, 504, 505 diesel.

Renault Agri: Pick Up 504 c/ motor Indenor XD-4.90, XD-6.90 e XD-2S. R85, R87, R7201.

0216



T9 | SPL12 | CW
Fam. 16

ORIGINAL

Italacciai: SD813

Lester: 16715

Lucas Indiel: 223482

Paris-Rhone: 95956

MOTOR

Italacciai: D11E156

Paris-Rhone: D11E156

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 504 D, 505 D, 604 TD, J7 D, J9 D.

Renault Agri: R7221.

Volvo: Motor Marine/Estacionário c/ motor Indenor XDP 4.90 e 6.90.

0217T9 | SPL6 | CW
Fam. 17**ORIGINAL**

Bendix: 333418
Italacciai: SD192
Paris-Rhone: 55105 - 70672
Valeo: NE156

MOTOR

Italacciai: D11E079
Paris-Rhone: D11E105 - D11E109 - D11E110 - D11E115 - D11E142 - D11E143 - D11E79

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 403, 404, 404 D, 504 diesel.
Renault: Trator R7201, R85, R87.
Renault Agri: R85, R87, R7201.

0218T9 | - | CW
Fam. 54**ORIGINAL**

Bosch: 2006382020 - 2006382150 - 2006382176 - 2006383150 **Fiat:** 8122127 - 8122128 **Italacciai:** SP211 **Lester:** 17108 - 18113
 18221 - 18225 - 18257 **Lucas:** TMB150 **Lucas Indiel:** 222419

MOTOR

Bosch: 0001410015 - 0001410016 - 0001410021 - 0001410022 - 0001410029 - 0001410041 - 0001410043 - 0001410052 - 0001410058
 0001410078 - 0001410083 - 0001410088 - 0001410089 - 0001410090 - 0001411009 - 0001411014 - 0001413001 - 0001413004
 0001413006 - 0001413010 - 0001414003 - 0001414009 - 0001414010 - 0001414011 - 0001414015 - 0001414018 - 0001414022
 0001415001 - 0001415002 - 0001415006 - 0001415010 - 0001415027 - 0001416002 - 0001416013 - 0001416017 - 0001416022
 0001416023 - 0001416024 - 0001416026 - 0001416028 - 0001417001 - 0001417028 - 0001417036 - 9000084016

APLICAÇÃO / APLICACIÓN / APPLICATION

Berliet: GR320, TR320, TRH320.
Claas: Dominator 105.
Drogmoller: 280, 290, 300, 310, 320, 330, 420, 430.
Faun: K20 W.
Kaeble: SL18 E, SL20, SL25 B.
Kassbohrer: S209, 211, 212, 213, 215, 216, 228.
Liebherr: PR721, 731.
Man: 13.192-230, 16.232-280, 19.230, 15, 16, 17, 18, 19, 20, 22, 23, 24 (ton séries), 25, 26, 27, 28, 30, 32, 33, 35, 40 (ton séries), 26.280, 320, 30.232, 320, 32.231, 41, 48 (ton séries), ÜL, F/HF, NÜ, NG, NL, RH, RN. Kisa Man.
Mercedes Benz: Chassi p/ Ônibus O364, O370, O371, O371UP, OH1419, 1420, 1517, 1518, todos c/ partida KB. Motor Estacionário, Gerador, Industrial e Marítimo OM314, OM352, OM352A O370 (OM355-5, 6, 6A, 6LA), O371 (OM355-5A, 6A, 6LA), O371UP (OM355-5). O 303, O 305, O 305G, O 307, O 345, O 345G, O 355, O 364, O 365, O 370, O 370R, O 370RS, O 370RSD, O 371R, O 371RS, O 371RSD. 1319, 1320, 1418, 1419, 1420, 1425, 1425 S, 1517, 1518, 1519, 1520, 1524, 1525, 1622, 1924, 1929, 1932, 1933, 1934, 2019, 2025 S, 2028 LS, 2219, 2220, 2222, 2222B, 2225, 2225B, 2228, 2233, 2236, 2238, 2624A, 2628, 2628A, 2628B, 2633, 2636, 2638, 3025B, K, 3028B, K, 3250A, 3328, 3328B, 3333, 3336, 3336A, 3850A, 12T 19, 22, 24, 26, 27, 34, 14T 19, 22, 24, 25, 26, 27, 16T 18, 19, 22, 24, 35, 17T 19, 22, 26, 29, 33, 35, 48, 18T 24, 27, 31, 34, 38, 44, 50, 53, 19T 19, 22, 24, 26, 28, 29, 35, 44, 48, 20T 24, 25, 26, 31, 35, 38, 44, 50, 2033, 2219, 2226, 2628, 2636, 22T 19, 22, 24, 25, 26, 28, 35, 38, 44, 24T 19, 21, 22, 25, 26, 27, 29, 33, 35, 48, 25T 24, 27, 28, 31, 34, 36, 38, 44, 50, 53, 26T 26, 28, 29, 31, 35, 38, 44, 48, 50, 53, 30T 25, 28, 50, 32T 25, 28, 29, 33, 34, 35, 38, 53, 33T 28, 33, 35T 28, 35, 38, 44, 48, 50, 53, 44T 35, O 303, O 404.
MWM: Motor D232, OM232 (Marítimo V6/V8 1970 ED e V12 T/TD 1970 ED 12 e 24V), TD232.
Steyr Puch: 991.200, 1291.260, 1491.260.
Volvo

0220T10 | SPL10 | CW
Fam. 7**ORIGINAL**

Bosch: 1006209437 - 2006209321
Italacciai: SD447
Lester: 16405

MOTOR

Bosch: 0001208049 - 0001211206 - 0001211989

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: 12M, Capri 1.3, 1.6, Capri II, Escort, Escort 1.1, 1.3, Granada, Taunus 1.3, 1.6.

0221



T9 | SPL10 | CW
Fam. 3

ORIGINAL

Bosch: 1006209402 - 2006209273
Italacciai: SD469
Lester: 16299 - 16543
Lucas: TMB404
Mercedes Benz: 0001515813

MOTOR

Bosch: 0001313003 - 0001313004 - 0001313005 - 0001313006 - 0001313007 - 0001314002 - 0001314005

APLICAÇÃO/APLICACIÓN/APPLICATION

Mercedes Benz: 200, 220, 230, 250, 280, 350.

0222



T10 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209429
Italacciai: SD137
Lester: 16405 - 16530 - 16595
Lucas Indiel: 223486

MOTOR

Bosch: 0001208220 - 0001208223 - 0001208232 - 0001208409 - 0001208423 - 0001211227 - 0001211228 - 0001211239 - 0001311113

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Capri II. Escort (86-90). Escort RS 2000, Escort 1.3, 1.6. Fiesta. Fiesta 1.1, 1.3, 1.6, XR2. Granada. Orion. Sierra. Taunus (75-82). Taunus 1.3, 1.6, 2.0. Transit 1.6, 2.0.

0223



T9 | SPL10 | CW
Fam. 49

ORIGINAL

Bosch: 1006209030 - 1006209032 - 1006209039 - 1006209049 - 1006209056 - 1006209071 - 1006209105 - 1006209110 - 1006209140
 2006208013 - 9003336212 **Italacciai:** SD306 **Lester:** 16320 - 16334 - 16336 - 16344 - 16356 - 16362 - 16442 - 16687 - 17414
Lucas Indiel: 223320

MOTOR

Bosch: 0001207003 - 0001207006 - 0001207012 - 0001207014 - 0001207015 - 0001208004 - 0001208006 - 0001208007 - 0001208032
 0001209001 - 0001209006 - 0001209014 - 0001211020 - 0001214001 - 0001310005 - 0001310010 - 0001310013 - 0001311007
 0001311016 - 0001311025 - 0001311045

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: 2600, 2600TT. **Audi:** 1000 SP, F102. **BMW:** 1500, 1502, 1600, 1602, 1800, 1800TI, 1802, 2000, 2002, 2002 Turbo. 2500, 2800, 3000, 316, 318, 320, 518, 520, 525, 316, 318, 320, 320i, 518, 520, 520i, 525, 528, 528i, 728, 2500, 2800, 3000, 3300. **DAF:** 33, 34, 44. **Ford:** 12M, 15M, 17M. Feka E.M Taunus. Transit 100, 800, 1250, 1500. **Guldner:** Hydrocar T3K. **Hanomag:** F 20, 25, 30, 35, 36. Perfect 300, 400, 401. **Hatz:** E 95, Z 95. **Kawasaki:** 33, 34. **KHD:** D25, 30 2505, 3005, F2L 812. D3005, D25, D2505, D30, D30 S, F2L 712, F2L 812. **Landini:** 3000. **Mercedes Benz:** L206, L207, L306, L307. **Opel:** Blitz 1.9, Kapitan P, Rekord P II. **Porsche:** 616, 33.1. **Same:** Italia 35, Sametto.

0224



T10 | SPL3 | CW
Fam. 21

ORIGINAL

Bosch: 2006208014 - 2006209031 - 2006209185 - 2006209901
Italacciai: SD015

MOTOR

Bosch: 0001354026 - 0001354032

APLICAÇÃO/APLICACIÓN/APPLICATION

Harvester: D430, 432, 439.

0225T9 | SPL3 | CW
Fam. 22**ORIGINAL****Bosch:** 2006209071 - 2006209366 - 2006209386 - 2006209916**Fiat:** 8122123**Italacciai:** SD013**Lester:** 17074 - 17112**MOTOR****Bosch:** 0001358017 - 0001358038 - 0001358046 - 0001358047**APLICAÇÃO/APLICACIÓN/APPLICATION****Alfa Romeo:** Alfetta 2.0 Turbo Diesel.**Carraro:** Victory 2500, 3500, 4500.**Claas:** Consul. Cosmos. Europa.**KHD:** D4006, 5006, 6006, 7006. F1L410, F2L410, F2L411, F3L912, FHL912.**Lamborghini:** 503DT, 603DT, R503, R603.**Lombardini:** LDA672, 673, 674, 832, 833, 834.**Poclair:** FC30, FY30, TC45, TY2P.**0226**T11 | SPL3 | CW
Fam. 22**ORIGINAL****Bosch:** 2006209013 - 2006209072 - 2006209073 - 2006209388 - 2006209917**Italacciai:** SD038**MOTOR****Bosch:** 0001354010 - 0001358018 - 0001358020 - 0001358027 - 0001358033**APLICAÇÃO/APLICACIÓN/APPLICATION****Atlas Copco****Fahr****Guldner****Hatz****KHD:** D4005, D4505, D5005, D5505, F3L812, F4L812.**Lamborghini:** 7R, 7RDT, R355, R355DT.**Same:** Atlanta 45, Centauro 60.**Steyr Puch:** 290, 650, 750.**0227**T11 | SPL3 | CW
Fam. 21**ORIGINAL****Bosch:** 2006209021 - 2006209032 - 2006209181 - 2006209902 - 9003336212**Femsa:** 150534**Italacciai:** SD415**MOTOR****Bosch:** 0001203016 - 0001305016 - 0001308006 - 0001354010 - 0001354029 - 0001354034 - 0001354036 - 0001354040 - 0001354046
0001354049 - 0001354065 - 0001355004**APLICAÇÃO/APLICACIÓN/APPLICATION****Ford:** Transit.**Hanomag:** Perfekt 300, 301, 400, 401.**Hatz:** E95, Z95.**KHD:** D25, 30 2505, 3005, F2L812.**Mercedes Benz:** 220B, 220SB, 220SEB.**Same:** Italia 35, Sametto.**Volvo:** 100.100, 100.200, 121, 122, 123, 144, 210, 221, AQ90, AQ95, C303, C304, C306, P1800S.**Zettelmeyer:** VA 3.**0228**T9 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 2006209471 - 2006209500 **Iskra:** 16900920 **Italacciai:** SD060 - SD307 **Lester:** 16445 - 16949 - 16957 - 16999**Lucas:** TMB471 **Lucas Indiel:** 223222**MOTOR****Bosch:** 0001362038 - 0001362047 - 0001362069 - 0001362070 - 0001362077 - 0001362078 - 0001362083 - 0001362600 - 0001362601
0001362605 - 9000143408**Iskra:** 11130300**APLICAÇÃO/APLICACIÓN/APPLICATION****Aifo:** 8141 M8.**Audi:** 100 5D, TD. 100 5D, Turbo D (2.0).**Hanomag:** F20, 25, 30, 35, 36.**Mercedes Benz:** 180D 2.5, 200D, 207D, 209D, 220D, 240D, 240D 3.0, 240GD, 240TD, 300CD, 300D, 300GD, 300SD, 300TD, 307D, 309D.
407D, 409D, D206, D306, DG206, DG306, L206, L306, L407D, O309D, U52-60, U600.**Schanzlin****Volkswagen:** LT diesel. LT28, LT31, LT35, LT40, LT45, LT50 D.**Volvo:** 240D5, 240D6, 760 Turbo diesel.

0229



T9 | SPL10 | CCW
Fam. 7

ORIGINAL

Bosch: 1006209423 - 9001042013 - 9001042032
Italacciai: SD453
Lester: 16401 - 16546 - 16722 - 17066
Lucas: TMB439

MOTOR

Bosch: 0001211221 - 0001211222 - 0001211251 - 0001211252 - 0001211253 - 0001211254

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Transporter 1.6, 1.9, 2.0. Vanagon Bus 1986 H4 2.1 gas. Vanagon Campmobile 1983 H4 1.9 gas. Vanagon Campmobile 1984 H4 1.9 gas. Vanagon Campmobile 1985 H4 1.9 gas. Vanagon Campmobile 1986 H4 2.1 gas. Vanagon Kombi 1984 H4 1.9 gas. Vanagon Kombi 1985 H4 1.9 gas. Vanagon Kombi 1986 H4 2.1 gas. Wesfalia.

0238



T9 | SPL9 | CW
Fam. 5

ORIGINAL

Bosch: 1987BE0029
Lucas Indiel: 227339 - 35256777

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Sierra 2.3, Taunus 2.0 e 2.3.

0243



T9 | SPL12 | CW
Fam. 67

ORIGINAL

Bendix: 344511
Lester: 16443
Lucas Indiel: 223223
Remy: DR2000 - DR2001 - DR2003 - 3471040 - 3471490 - 3471912

MOTOR

Remy: 3471141 - 3471143 - 3471144

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Ascona. Blitz. Kadett c/ partida Delco Remy. Manta. Omega 2.0. Vectra 2.0 c/ partida Delco Remy.
Opel: Ascona. Kadett C.

0244



T9 | SPL9 | CW
Fam. 18

ORIGINAL

Bendix: 286942 - 293398 - 294698 - 295883 - 297440 - 303300 - 303710 - 305949 - 307049 - 309008
Bosch: 1987BE0006
Ducellier: 018678 - 019567 - 532000 - 532001 - 532017 - 606416 - 609477 - 611736 - 6162 - 6183CFG - 6187 - 6203 - 6206 - 6224
 6227AB - 6227CD - 6231ABD - 681380
Italacciai: SD158
Lester: 16488
Lucas Indiel: 35255553 - 35257326
Valeo: NE325 - 681380

MOTOR

Ducellier: 532000AB - 532001AB - 532017A - 6178ABCEF - 6183CFG - 6203ABCD - 6206AB - 6224BCD - 6227ABCD - 6231ABC
Italacciai: 006162E

APLICAÇÃO / APLICACIÓN / APPLICATION

Dacia: Aro.
Lancia: Flavia 1.8.
Renault: Estafette. R5, R15, R16, R17, R20.
Talbot: 1300, 1301, 1500, 1501. 66.
Volvo

0245T9 | SPL9 | CCW
Fam. 16**ORIGINAL**

Bendix: 289862 - 302613
Ducellier: 60846 - 681378
Italacciai: SD194
Lester: 6185
Lucas Indiel: 223505
Valeo: NE324

MOTOR

Ducellier: 6185ABC - 6219ABC
Italacciai: 006138A

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: R4, R5, R6. Rodeo.

0248T9 | SPL12 | CW
Fam. 47**ORIGINAL**

Bendix: 325231
Italacciai: SD324
Lester: 16488 - 16597 - 16755
Lucas Indiel: 223224
Paris-Rhone: 076980 - 093623 - 097062
Valeo: NE184 - 097062

MOTOR

Italacciai: D8E081
Paris-Rhone: D8E121 - D8E142 - D8E152 - D8E81 - D9E12 - D9E20 - D9E22 - D9E26 - D9E34 - D9E35 - D9E37 - D9E41

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: R4, R5, R6. R5 U.S.A. R12, R12 Canadá. R18. Traffic.

0280T10 | - | CCW
Fam. 64**ORIGINAL**

Italacciai: SD197
Lester: 16169
Lucas: TLB111 - 54240293 - 54240294 - 54240295 - 54242330 - 54252215 - 54261658 - 60251022

MOTOR

Italacciai: 25142A
Lucas: 25142AHM35 - 25148AJM35 - 25276AM35 - 25345AM35

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: Allegro. Maxi. Mini.
Bedford: Ha Van.
Ford: Capri 1.3, 1.6. Escort Van. Fiesta 1.0, 1.1. Fiesta Van. Van.
Lotus: Seven.
TVR: Vixen 1300.

0285T9 | SPL9 | CCW
Fam. 47**ORIGINAL**

Bendix: 325232
Italacciai: SD002
Paris-Rhone: 95464
Renault: 7701019295
Valeo: NE173 - 095464

MOTOR

Paris-Rhone: D8E130 - D8E131

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: R5, R6.

0286



T10 | SPL12 | CW
Fam. 40

ORIGINAL

Italacciai: SD076
Lester: 16669 - 16984 - 17644 - 17648 - 17654 - 18262
Lucas: TMB102 - 54243781 - 54246662 - 60600050
Lucas Indiel: 223226

MOTOR

Lucas: 26234K - 26336AFM50 - 26336A/R - 26337A/H - 26349A/H - 26349DHM50 - 26363A/J - 26367A/D - 26382A/B - 26384A/B - 26389A/D - 26398A/H - 26416A/E - 26420A/B - 26421A/B - 26428A/B - 26429A/B - 26433A/B - 26435A/B - 26435AM50

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: 7 Ton Kamyon. SB, SP, TJ, TK, TL, VAS.
Harvester: 384, 454, 474, 574, 674, 684.
Massey Ferguson: Colheitadeira/Combine/Cosechadora. MF487.
Perkins: V8-540 c/ partida Lucas desde 83.

0287



T9 | SPL9 | CW
Fam. 86

ORIGINAL

Bosch: 1987BE0030 **Fiat:** 9405835568 **Italacciai:** SD318 **Lester:** 16619 - 16756 - 16797 - 17144 - 17157 **Lucas:** TMB263
Lucas Indiel: 221263 **Paris-Rhone:** 013610 - 099931 - 99931 **Valeo:** NE197 - 099931 - 184917

MOTOR

Paris-Rhone: D9E100 - D9E101 - D9E109 - D9E110 - D9E113 - D9E114 - D9E123 - D9E124 - D9E125 - D9E127 - D9E129 - D9E36 - D9E38 - D9E39
D9E46 - D9E48 - D9E49 - D9E52 - D9E54 - D9E55 - D9E56 - D9E61 - D9E62 - D9E66 - D9E68 - D9E69 - D9E70 - D9E74 - D9E76 - D9E77 - D9E771
D9E773 - D9E78 - D9E79 - D9E81 - D9E85 - D9E86 **Valeo:** D9E123

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 405, 405 DL 1989 L4 1.9 gas. 405 DL 1990 L4 1.9 gas. 405 DL 1991 L4 1.9 gas. 405 MI16 1989 L4 1.9 gas. 405 MI16 1990 L4 1.9 gas. 405 MI16 1991 L4 1.9 gas. 405 S 1989 L4 1.9 gas. 405 S 1990 L4 1.9 gas. 405 S 1991 L4 1.9 gas. 504. 505. 505 DL 1988 L4 2.2 gas. 505 DL 1989 L4 2.2 gas. 505 GLS 1988 L4 2.2 gas. 505 S 1988 L4 2.2 gas. 505 S 1989 L4 2.2 gas. 505 STI 1988 L4 2.2 gas. 505 SW8 1989 L4 2.2 gas. 505 SW8 1990 L4 2.2 gas. 505 Turbo 1989 L4 2.2 gas. **Renault:** Alliance DL 1983 L4 1.4 gas. Alliance DL 1984 L4 1.4 gas. Alliance DL 1985 L4 1.4 gas. Alliance DL 1986 L4 1.4 gas. Alliance DL 1987 L4 1.4 gas. Alliance L 1983 L4 1.4 gas. Alliance L 1984 L4 1.4 gas. Alliance L 1985 L4 1.4 gas. Alliance L 1986 L4 1.4 gas. Alliance L 1987 L4 1.4 gas. Alliance Limited 1983 L4 1.4 gas. Alliance Limited 1984 L4 1.4 gas. Encore GS 1984 L4 1.4 gas. Encore LS 1984 L4 1.4 gas. Encore LS 1985 L4 1.4 gas. Encore LS 1986 L4 1.4 gas. Encore S 1984 L4 1.4 gas. Encore S 1985 L4 1.4 gas. Encore S 1986 L4 1.4 gas. R19. R19 c/ motor Valeo.

0291



T9 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209470 - 2006209483 - 9001451343 - F002G20279
Fiat: 79026090 - 9936730 - 9937949 - 9956676 - 9983629
Italacciai: SD184
Lucas Indiel: 223227

MOTOR

Bosch: 0001362039 - 0001362062 - 0001362073 - 0001362102 - 0001362322 - 0001362323 - 0001363111 - 0001363122

APLICAÇÃO / APLICACIÓN / APPLICATION

Aifo: 8035.02.300, 8041.04.200, 8045.02.300, 8041.02.310, 8041.04.250.
Alfa Romeo: 30, 32, 35, 40 AR8.
Fiat: 131 D, 132 D, Argenta D, Ducato. 131 D (2.0, 2.5), 132 D (2.0, 2.5), 40NC, 50F8, 50NC, 241TN, 465C, 466 DT, 480 DT, 500, 500 DT, 505, 505C, 505S, 540, 540 DT. 55F8, 55NC, 565C, 566 DT, 570, 570 DT, 580, 580 DT, 60F8, 616N3-4, 625N3P, BI20-25-30 C, BIM20-25, DI12-15, DT450, R450. Argenta 2.5. Campagnola diesel. M23, 24, 25, 29 Midibus. Marengo D 2.5. Otoyal 35.9. Otoyal 65.9.
Fiat Allis: 480, 500, 540, 570, 580, FL4C.
Fiat Iveco: 40.10, Daily 28.8, 30.8, 32.8, 35.8 Ducato 10, 13 (2.5 D) Eurocargo 60, 65, 75 (1991-). Furgão Daily.
OM: BI 20, 25, BIM 20, 25, DIM 20, Grinta 28.8, 30.8, 32.8, 35.8.

0292



T9 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209475 - 1006209477 - 9001042100
Chrysler: 5213384
Lester: 16727 - 16974
Lucas Indiel: 223321

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: 600 2.2 Turbo.
General Motors: Blazer c/ partida Delco Remy.

0293T9 | SPL6 | CW
Fam. 17**ORIGINAL**

Bosch: 9001451249 - 9001451251
Lucas: TWB251
Lucas Indiel: 223228
Volkswagen: BD5M11350A - ZBC911335A
Wapsa: 224051 - 224053

MOTOR

Bosch: 9000451001 - 9000451010 - 9000451017 - 9000451024
Wapsa: MWB23 - MWB25

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Belina c/ motor CHT. Corcel II todos c/ motor CHT. Del Rey Scala todos c/ motor CHT. Escort 1.3, 1.6 c/ partida Wapsa todos c/ motor CHT. FT100, 100 (1.5), FT125, FT130, FT150, FT175, FT190 (1.7), FT75. Pampa todos c/ motor CHT.
Volkswagen: Gol 1.8 à gasolina e a álcool c/ partida Wapsa. Santana 1.8 à gasolina e a álcool c/ partida Wapsa.

0294T9 | SPL6 | CCW
Fam. 17**ORIGINAL**

Lucas: TWB2520
Wapsa: 224052

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Puma: Puma GT c/ motor VW (a partir de 05/81).
Volkswagen: Brasília refrigerada a ar c/ partida Wapsa de 05/81 a 06/81. Gol refrigerado a ar c/ partida Wapsa de 05/81 a 06/81. Kombi refrigerada a ar c/ partida Wapsa de 05/81 a 06/81. Saveiro refrigerado a ar c/ partida Wapsa de 05/81 a 06/81. Sedan 1.3, 1.5, 1.6 refrigerado a ar c/ partida Wapsa de 05/81 a 06/81.

0300T9 | SPL10 | CW
Fam. 9**ORIGINAL**

Bosch: 1006209081 - 1006209444 - 9001693029
Italacciai: SD451
Lester: 16362

MOTOR

Bosch: 0001311042 - 0001314001

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: M535i, 525, 528, 530, 630, 635, 663, 728, 730, 732, 733, 735, 745, 2500, 2800, 3000, 3300.
Ferrari: 733.
Lombardini: 904, 914.
Mazda: 323 1.6.

0301T9 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209341
Lester: 16560 - 17073 - 17074 - 17076 - 17106 - 17136 - 17184 - 17228 - 17230 - 18032 - 18111 - 18229 - 18237

MOTOR

Bosch: 0001358049 - 0001359012 - 0001359014 - 0001359025 - 0001359027 - 0001359043

APLICAÇÃO / APLICACIÓN / APPLICATION

Agria: Titan 211, 350, 360, 410.
Atlas Copco
Claas: Corsar. Cosmos.
Fiat Allis: S60, S70.
Fiat Iveco: 129.14, 130.14. Daily 28.8, 30.8, 35.8, 40.8, N100, N110, N40, N40.35, N50, N55, N60, N65.
Lombardini: LDA 674, 833, 834.
Mercedes Benz: L408, L608, L1113, L1513. MB Otobus.
Same: Ariete. Drago.

0302



ORIGINAL

Bosch: 2006209111 - 2006209305 - 2006209345

MOTOR

Bosch: 0001359002 - 0001359008 - 0001359009 - 0001359011 - 0001359020 - 0001359034 - 0001360013 - 0001360020 - 90000143101

APLICAÇÃO / APLICACIÓN / APPLICATION

DAF: F1300 DT, 1800 DT, 1902 D.
Harvester: D358. Inter 1800.
John Deere (SLC): MD630. MND730.
Linde: H20 B/T, H25 B/T, H30 B.
Man: 5.126. 6.126. 9.126. 10.126. 11.136.
Massey Ferguson: E7C, SC50, SM6A, SM6B, SM6C, SM7, SM8, SM8TU. MF86, MF87, MF155, MF158, MF168, MF186, MF187, MF188, MF285, MF427, MF487, MF507, MF510, MF520, MF525.
Perkins: Perkins - Tratores, Industriais, Estacionários.
Renault V.I.: JP11, 13, 19, 21.
Saviem: JN75, JP90, SC50, SM6.
Volvo: F406, 407, F82 S, 83 S. Volvo.

0303



ORIGINAL

Bosch: 9001083471

MOTOR

Bosch: 9000083039

APLICAÇÃO / APLICACIÓN / APPLICATION

0304



ORIGINAL

Bosch: 2006209200 - 2006209201
Italacciai: SD018
Lucas Indiel: 223555

MOTOR

Bosch: 0001359016

APLICAÇÃO / APLICACIÓN / APPLICATION

John Deere (SLC): 920, 1120, 1530, 1630, 2030, HD900, 1000. Ince Frz. John Deere 1020U, VU. 1630, 20300U, JD300, JD310, JD350, JD400, JD450, MD1020, MD1120, MD1530, MD1630, MD1830, MD2030, MD2130, MD3130, MD330, MD820, MD820VU, MD830, MD290, MD925, MD930, MD935, MD940, MD942, MD945, MD950, MD952, MD955, MD960, MD965, MD968, MD969, MD970, MD975.
Müeller: 10200U/VU, 1630, 20300U, JD300, JD310, JD350, JD400, JD450, MD1020, MD1120, MD1530, MD1630, MD1830, MD2030, MD2130, MD3130, MD330, MD820, MD820VU, MD830, MD920, MD925, MD930, MD935, MD940, MD942, MD945, MD950, MD952, MD955, MD960, MD965, MD968, MD969.
Zanello: Trator c/ motor Cummins.

0307



ORIGINAL

Bosch: 1006209403 - 2006209163
Italacciai: SD449
Lester: 16299 - 16401 - 16532 - 16539 - 16688

MOTOR

Bosch: 0001208040 - 0001208055 - 0001211025 - 0001211987 - 0001211988 - 0001211995 - 0001211996

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: Alfasud. Alfasud 1.2, 1.5. Alfetta 1.6, 1.8. Giulia. Giulia Super 1.3, 1.6. GT Junior, GT Veloce 2000.
Ford: 12M, 15M, 17M, 20M, Capri, Consul, Granada, FT100. Capri 1.3, 1.5, 2.0. Consul 1.7. Granada 1.7, 2.0 V6. Taunus 2.0 V6.
Mercedes Benz: 220, 230, 280.

0308T9 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209406 - 2006209422**Lester:** 16560 - 17073 - 17074 - 17076 - 17106 - 17136 - 17184 - 17228 - 17230 - 18029 - 18030 - 18032 - 18033 - 18111 - 18229 - 18237**MOTOR****Bosch:** 0001359077 - 0001364100 - 0001364105 - 0001365004**APLICAÇÃO / APLICACIÓN / APPLICATION****Carraro:** Tigrone 625.**Fiat Allis:** 1300, 1300 DT, 850, 850 T.**Massey Ferguson:** MF33B, 450B, 450C.**Mercedes Benz:** 302 Y.M.303.**Palmieri:** 1500 GN80, GN95, 1800 GN90, GN110.**Poclair:** FC30, LC80, LY80, MCL84.**Steyr Puch:** 586, 590, 690, 1000, 1200.**Volvo****0310**T9 | SPL10 | CCW
Fam. 14**ORIGINAL****Bosch:** 2006209240 - 2006209330 - 2006209418 - 2006209448**Fiat:** 79026236 - 8997796 - 9934739 - 9934977 - 9957820**Italacciai:** SD123**Lester:** 17093 - 18031**Lucas Indiel:** 223561**MOTOR****Bosch:** 0001362032 - 0001363101**APLICAÇÃO / APLICACIÓN / APPLICATION****Alfa Romeo:** 30AR8, 32AR8, 35AR8, 40AR8.**Fiat:** 241TN, 450, 450DT, 500, 500DT, 540, 540DT, 616N3, 616N3.4, 625N3. 50 NC.**Fiat Allis:** 450, 450 DT, 500, 500 DT, 540.**Fiat Iveco:** 241TN, 616 N3/4, 625 N3. Daily 28.8, 30.8, 32.8, 35.8, 40.8. Daily com partida Bosch.**OM:** Grinta 28.8, 30.8, 32.8, 35.8.**0312**T9 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209246**Italacciai:** SD347**Lester:** 17075 - 17105**MOTOR****Bosch:** 0001362012 - 0001362013 - 0001362016 - 0001362017 - 0001362021 - 0001362024 - 0001362033 - 0001363002**APLICAÇÃO / APLICACIÓN / APPLICATION****Atlas-Weyhauser:** AR50, AR51.**Fendt:** F250 GT.**Hanomag:** Brillant. Robust.**KHD:** F2L912, F3L912.**Lamborghini:** R240DT, R350DT.**Linde:** H12 D, H15 D.**Valmet:** 103-104SU, 1051, 1052, 1053, 1054, 1056SU, 1056SV, 112-113DAN, 395SV.**0313**T12 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209407 - 2006209437**Italacciai:** SD315**MOTOR****Bosch:** 0001358201 - 0001358202**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** A0406, A0506, FT100, FT120, FT130, FT160, FT190. Transit diesel.

0315T9 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209447 - 9001083502
Fiat: 9918347 - 9928303 - 9935164 - 99811565
Lester: 16560 - 17073 - 17074 - 17076 - 17106 - 17136 - 17184 - 17228 - 17230 - 18029 - 18030 - 18032 - 18033 - 18111 - 18229 - 18237
Lucas Indiel: 223231

MOTOR

Bosch: 0001359122 - 0001360043 - 0001360063 - 9000083043 - 9000453088 - 9000453090 - 9000453091
Fiat: 4169095 - 4169096 - 4682999

APLICAÇÃO / APLICACIÓN / APPLICATION

Aifo: 8060.02.811, 8061.04.050, 8065.02.000.
Fiat: Ônibus 140, 80.
Fiat Allis: 980, 1000, 1180, 1380, 1580.
Fiat Iveco: 314/3, 315, 616 N3/4. Caminhões 120E, 150, 150T, 160T, 160E c/ partida Bosch JF (9.000.453.088). Caminhões 605C, 640, 680, 780, 805, 1000.
New Holland: Colheitadeira/Combine/Cosechadora TC55, TC57, TC59, a partir de 11/97. Trator Gamalta.

0316T11 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209304 - 2006209332 - 2006209342 - 2006209344

MOTOR

Bosch: 0001359006 - 0001360002

APLICAÇÃO / APLICACIÓN / APPLICATION

Kassbohrer: S80, S100.
Steyr Puch: 650A, 760A.
V.M.: HR688 H, HT.

0318T9 | SPL10 | CW
Fam. 21**ORIGINAL**

Bosch: 2006209086 - 2006209095 - 2006209215 - 2006209229
Italacciai: SD346

MOTOR

Bosch: 0001354080 - 0001354082 - 0001354088 - 0001354091 - 0001354092 - 0001354093 - 0001354097 - 0001354099 - 0001354100
 0001354103 - 0001355014 - 0001355015

APLICAÇÃO / APLICACIÓN / APPLICATION

Agria: 3800G, 4800K, 5700.
Eicher: Eichus. Panther. Puma.
Farymann: G10, 20.
Goldoni: Universal 230, 336.
Hanomag: F20, 25, 30, 35.
Harvester: Inter 624. 654 Ince Frz.
KHD: 411D, 411W, D2506, D3006, F1L410.
Lamborghini: 221, 230, 321, 340, 350, 431, 452, 523, 624. Espada. Islero 400GTS. Miura P400.
Ruggerini: RD90/2, RD95/2, RD100/2.
Steyr Puch: 30, 30B, 430, 540, 540G, 86, 30, 30B, 430, 540, 540G, 86.
Zettelmeyer: VA3, VT2, VTL.

0319T9 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209241 - 2006209331
Italacciai: SD012
Lester: 16445 - 16715
Lucas: TMB427
Lucas Indiel: 223232

MOTOR

Bosch: 0001362001 - 0001362002 - 0001362003 - 0001362004 - 0001362027 - 0001362028 - 0001362029 - 0001362030

APLICAÇÃO / APLICACIÓN / APPLICATION

Claas: Compact 25.
Hanomag: F20, 25, 30, 35, 40, 45.
Mercedes Benz: L306DG, L406DG, L407D, O309D, U52-421, U52-60, U60-421. 200D, 220D, 240D, 240D 3.0, 240TD, 300CD, 300D, 300SD, 300TD, 300 Turbo, D206, DG206, L206, L306D.
Steyr Puch: SC 6F 55.

0320T9 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: 2006209478
Italacciai: SD342
Lucas Indiel: 223569

MOTOR

Bosch: 0001362037 - 0001362071
Italacciai: 26208A

APLICAÇÃO / APLICACIÓN / APPLICATION

Opel: Ascona 2.0 D, Ascona B D, Rekord D/E D, Rekord 2.0 D, 2.1 D, 2.3 D, E 2.0 D.

0322T10 | SPL3 | CW
Fam. 39**ORIGINAL**

Lester: 16608
Lucas: TMB104 - 54246724 - 54246989 - 54256984 - 54259800

MOTOR

Lucas: S5012 - 26208A/E - 26208AEM45 - 26211 - 26211A/L - 26211ALM50 - 26338 - 26339 - 26395

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: 2000, 3000, 4000, 5000, 7000.

0323T9 | SPL10 | CCW
Fam. 2**ORIGINAL**

Bosch: 1006209424 - 9001082669
Italacciai: SD450 - SD466
Lester: 16362 - 16418 - 16547 - 16556 - 17025 - 17134
Lucas: TMB411
Lucas Indiel: 221411
Volkswagen: 055911335B

MOTOR

Bosch: 0001208411 - 0001208412 - 0001208416 - 0001208417 - 0001208418 - 0001211223 - 0001211224 - 0001211255 - 0001211256 - 0001211257 - 0001211258 - 0001211992 - 0001211993 - 0001211998 - 0001314012 - 0001314013 - 9000082062

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort Ghia, Guarujá, Verona GLX, XR3 todos c/ partida Bosch.

Gurgel: BR800, Tocantins L, TR 1.6.

Porsche: 914.

Tiete: Motor Estacionário RD900, RD900L, RD950, RD950L a partir de 09/92.

Volkswagen: Apollo GL, GLS c/ partida Bosch (AP 1.8). Golf, Golf D, Golf 1.5 D. Golf Custom 1985 L4 1.8 gas. Golf Custom 1986 L4 1.8 gas. Golf GL 1987 L4 1.8 gas. Golf GL 1988 L4 1.8 gas. Golf GL 1989 L4 1.8 gas. Golf GL 1990 L4 1.8 gas. Golf GL 1991 L4 1.8 gas. Golf GT 1987 L4 1.8 gas. Golf GT 1988 L4 1.8 gas. Golf GTI 16-Valve 1987 L4 1.8 gas. Golf GTI 16-Valve 1988 L4 1.8 gas. Golf GTI 16-Valve 1989 L4 1.8 gas. Golf GTI 1985 L4 1.8 gas. Golf GTI 1986 L4 1.8 gas. Golf GTI 1987 L4 1.8 gas. Golf GTI 8-Valve 1990 L4 1.8 gas. Golf GTI 8-Valve 1991 L4 1.8 gas. IM1200, IM127, IM1300, IM1302, IM1303, IM1500, IM1600, IM181, IM411, IM412. Jetta. Jetta Deluxe 1981 L4 1.7 gas. Jetta Deluxe 1982 L4 1.7 gas. Jetta Deluxe 1983 L4 1.7 gas. Jetta Deluxe 1984 L4 1.7 gas. Jetta Deluxe 1984 L4 1.8 gas. Jetta Deluxe 1985 L4 1.8 gas. Jetta Deluxe 1986 L4 1.8 gas. Jetta Deluxe 1987 L4 1.8 gas. Jetta GLI 16-Valve 1987 L4 1.8 gas. Jetta GLI 1985 L4 1.8 gas. Jetta GLI 1986 L4 1.8 gas. Jetta GLI 1987 L4 1.8 gas. Jetta Sport 1987 L4 1.8 gas. Passat 1.6. Rabbit Custom 1981 L4 1.7 gas. Rabbit Custom 1982 L4 1.7 gas. Rabbit Custom 1983 L4 1.7 gas. Rabbit Deluxe 1981 L4 1.7 gas. Rabbit Deluxe 1982 L4 1.7 gas. Rabbit Deluxe 1983 L4 1.7 gas. Rabbit diesel. Rabbit GL Custom 1984 L4 1.7 gas. Rabbit GL DLX 1983 L4 1.7 gas. Rabbit GTI Sport 1984 L4 1.8 gas. Rabbit L 1983 L4 1.7 gas. Rabbit L 1984 L4 1.7 gas. Rabbit L Custom 1981 L4 1.7 gas. Rabbit L Custom 1982 L4 1.7 gas. Rabbit LS Custom 1983 L4 1.7 gas. Rabbit LS Deluxe 1981 L4 1.7 gas. Rabbit LS Deluxe 1982 L4 1.7 gas. Rabbit S Sport 1981 L4 1.7 gas. Rabbit Sport 1981 L4 1.7 gas. Rabbit Sport 1982 L4 1.7 gas. Scirocco. Scirocco 16-Valve 1987 L4 1.8 gas. Scirocco DLX 1981 L4 1.7 gas. Scirocco DLX 1982 L4 1.7 gas. Scirocco DLX 1983 L4 1.7 gas. Scirocco DLX 1984 L4 1.8 gas. Scirocco DLX 1985 L4 1.8 gas. Scirocco DLX 1986 L4 1.8 gas. Scirocco DLX 1987 L4 1.8 gas. Transporter 1.3, 1.7, 1.8.

0325



T9 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209401 - 1006209445
Fiat: 9934752
Italcciai: SD055 - SD496
Lester: 16438
Lucas Indiel: 223573

MOTOR

Bosch: 0001157013 - 0001157021 - 0001157023 - 0001212006 - 9000141100 - 9000141101 - 9000141103 - 9000141107 - 9000141108 - 9000141111 - 9000141112 - 9000141114 - 9000334104

APLICAÇÃO/APLICACIÓN/APPLICATION

BMW: R45, R60, R65, R75, R80, R100. **Fiat:** X1/9 (1.3), 128 (1.1, 1.3), 131 Mirafiori (1.3). **Opel:** Ascona 1.2, Ascona B. D 1.0, 1.2, Kadett 1.0, 1.2. Manta A, B12, Manta B. **Renault:** GTL, R12, R4, R5, R6TL, R7TL, TL, TS Turbo, TX. R4, R4 F4, R5 Turbo, R6. **Porsche:** 911 2.4, 2.7, 912, 914. **Seat:** 1200 Sport, 124 D (1430), 124 D Especial (1.2, 1.4), 127 (0.9), 131L (1430), 131. 124 Special, 127, 131, 1430. Ritmo, Ritmo 65, 75. Supermirafiori 1430, Terra. **Volkswagen:** 1300, 1302, 1303, Golf, Transporter.

0327



T9 | SPL10 | CW
Fam. 50

ORIGINAL

Bosch: 1987BE0032 **Daihatsu:** 2801140014 - 2801141011 - 2801141012 **Honda:** 31207PA0006 - 31207657006 **Isuzu:** 8942391070
Italcciai: SD181 **Lester:** 16217 - 16218 - 16220 - 16223 **Mitsubishi:** MD602059 - MD602678 **Nippondenso:** 0283000800 - 0283000801 - 028300085 - 0283001690 - 028300800 **Toyota:** 2801122021 - 2801125012 - 2801125020 - 2801141010 - 2801141011 - 2801141012 - 2801141020 **Ww:** 10502

MOTOR

Honda: 31200657006 - 31200657016 - 31200657025 **Italcciai:** 280002572 **Nippondenso:** 0280001010 - 0280001940 - 0280001941 - 0280001970 - 0280001971 - 0280001972 - 0280001973 - 0280001975 - 0280001976 - 0280002000 - 0280002001 - 0280002250 - 0280002260 - 0280002261 - 0280002262 - 0280002263 - 0280002330 - 0280002570 - 0280002571 - 0280002572 - 0280003051 - 0280003052 - 0280003100 - 0280003710 - 0280003920 - 0280003921 - 0280004270 - 0280004440 - 0280004480 - 0280004580 - 0280004640 - 0280004810 - 0280004820 - 0280004822 - 0280004980 - 0280005430 - 0280005470 - 0280006100 - 028004822
Toyota: 28100 - 28100045033 - 2810026031 - 2810033011 - 2810036020 - 2810036040 - 2810040011 - 2810040012 - 2810040013 - 2810040015 - 2810040041 - 2810041013 - 2810041020 - 2810042010 - 2810042020 - 2810042021 - 2810045020 - 2810045021 - 2810045033 - 2810046040 - 2810047020

APLICAÇÃO/APLICACIÓN/APPLICATION

Daihatsu: Delta 1.5, 2.0. Rocky, Taft, Wildcat 1.6. Rocky 1.6. Taft 1.6. Wildcat 1.6. **Honda:** Accord 1.6. **Toyota:** 5R, 16R, 18R. Carina, Carina 1.6, 2.0. Celica, Celica 1.6, 2.0. Corolla. Corona, Corona 1.6, 1.8, 2.0, 2.3. Crown. Delta Hi Ace. Dyna. Hi Ace Hilux. Mark2. Sprinter, Sprinter 1.6.

0328



T9 | SPL6 | OCW
Fam. 68

ORIGINAL

Bosch: 9001451247
Lucas: TWB247
Volkswagen: 1119113356
Wapsa: 224047

MOTOR

Bosch: 9000451004 - 9000451012
Wapsa: MWB18 - MWB21

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: Brasília refrigerada a ar c/ partida Wapsa, a partir de 07/81. Gol refrigerado a ar c/ partida Wapsa a partir de 07/81. Kombi refrigerada a ar c/ partida Wapsa, a partir de 07/81. Saveiro refrigerado a ar c/ partida Wapsa, a partir de 07/81. Sedan 1.3, 1.5, 1.6 refrigerado a ar c/ partida Wapsa, a partir de 07/81.

0329



T9 | SPL6 | CW
Fam. 69

ORIGINAL

Bosch: 9001451252
Lucas: TWB246
Volkswagen: ZBA911335A
Wapsa: 224046

MOTOR

Bosch: 9000451011
Wapsa: MWB19

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: Gol C, Gol Cl, Gol Gl refrigerado a água c/ partida Wapsa. Parati C, CL, GL refrigerada a água c/ partida Wapsa. Passat 1.5, 1.6. GTS Pointer refrigerado a água c/ partida Wapsa. Saveiro CL, GL, refrigerado a água c/ partida Wapsa. Voyage C, CL, GL, refrigerado a água c/ partida Wapsa.

0339T9 | SPL10 | CW
Fam. 50**ORIGINAL**

Chrysler: CH1931 - 5206632 - 5213310 - 5213850
Lester: 16417
Nippondenso: 0283001930 - 0283003490
Subaru: 280992420
Ww: 10120

MOTOR

Chrysler: 5206270 - 5213085 - 5213190 - 5213370 - 5213395
Nippondenso: 0280005090 - 0280005091 - 0280005092 - 0280007130 - 0280007131

APLICAÇÃO/APLICACIÓN/ APPLICATION

Chrysler: Dodge Horizon. Omni.
Dodge
Kubota: Trator.

0340T9 | SPL8 | CW
Fam. 32**ORIGINAL**

Lester: 16245
Lucas Indiel: 223235
Mitsubishi: K309

MOTOR**APLICAÇÃO/APLICACIÓN/ APPLICATION****0341**T9 | SPL10 | CCW
Fam. 50**ORIGINAL**

Lester: 16468 - 16696 - 17058
Lucas Indiel: 223585
Mazda: 060423710 - 134624709
Mitsubishi: MD604047
Nippondenso: 0283000830 - 0283000831 - 0283003320 - 0283003321
Subaru: 492097002 - 892094112 - 892096102
Toyota: 2801187704

MOTOR

Mazda: 060418400 - 060518400 - 134518400
Nippondenso: 0280002040 - 0280002041 - 0280002042 - 0280002160 - 0280002161 - 0280002970 - 0280004721 - 0280005270
 0280005420 - 0280005720 - 0280005750 - 0280006520
Subaru: 829914120 - 829918600
Toyota: 2810087701 - 2810087702

APLICAÇÃO/APLICACIÓN/ APPLICATION

Daihatsu: Com partida Nippondenso. **Subaru:** Subaru A11.

0342T8 | SPL10 | CCW
Fam. 50**ORIGINAL**

Ford: D77Z11350A - SDE307
Lester: 16254 - 16272
Nippondenso: 0283001870

MOTOR

Ford: D77Z11002A - D77Z11002B - E17Z11002B - E17Z11002C - SAE715 - SAE715A - SAE716 - SAE716A
Nippondenso: 0280005220 - 0280005230 - 0280008110 - 0280008120

APLICAÇÃO/APLICACIÓN/ APPLICATION

Ford: Courier.

0343



T9 | SPL10 | CW
Fam. 50

ORIGINAL

Lester: 16221
Nippondenso: 0283001390 - 0283003590

MOTOR

Nippondenso: 0280003610 - 0280003611 - 0280007480

APLICAÇÃO/APLICACIÓN/APPLICATION

Kubota: Tractor.

0348



T9 | SPL6 | CW
Fam. 69

ORIGINAL

Bosch: 9001452088
Lucas Indiel: 223117
Volkswagen: 3059112875
Wapsa: 224048

MOTOR

Bosch: 9000452003
Wapsa: MWB17

APLICAÇÃO/APLICACIÓN/APPLICATION

Kubota: Microtractor Tobatta M140N.
Volkswagen: Kombi c/ motor Passat diesel. Saveiro diesel, Senda diesel c/ partida Wapsa.

0349



T9 | SPL10 | CW
Fam. 71

ORIGINAL

Bosch: 1987BE0033 **General Motors:** 9423227 - 94233227 **Hitachi:** 211455004 - 211465001 **Honda:** 31207634005 **Isuzu:** 8942332270
8942332770 **Italacciai:** SD149 **Lester:** 16205 - 16207 - 16211 - 16270 - 16499 **Nissan-Datsun:** 23300H6000 - 23312E6700 - 23312H5000
23312H5001 - 23312H6700 - 23312H6900

MOTOR

Hitachi: S10863 - S10889 - S114140 - S114141 - S114149 - S114160 - S114160A - S114160B - S114160D - S114160E - S114160F
S114162 - S114162C - S114162D - S114163 - S114163B - S114163E - S114164 - S114210 - S114211 - S114227 - S114271
Honda: 31200634005 - 31200634670 - 31200634671 - 31200634811 - 31200657005 - 31200657015 - 31200657025 - 31200673015
31200679035 - 31200679052 **Isuzu:** 8942226880 **Italacciai:** S114140 **Nissan-Datsun:** 23300B500 - 23300B5000 - 23300B5002
23300H5001 - 23300H5002 - 23300H5003 - 23300H5004 - 23300H5300 - 23300H5400 - 23300H6900 - 23300H6901 - 23300H6902
23300H6903 - 23300H6904 - 23300H7300 - 23300H7301 - 23300H7302 - 2330009601 - 233005002 - 233006900 - 23300H6901

APLICAÇÃO/APLICACIÓN/APPLICATION

Honda: Accord 1.6. Civic 1.2, 1.5. Civic CVCC 1975 L4 1.5 gas. Civic CVCC 1976 L4 1.5 gas. Civic CVCC 1977 L4 1.5 gas. **Isuzu:** Isuzu.
Nissan-Datsun: 210 Deluxe 1980 L4 1.4 gas. 210 Deluxe 1980 L4 1.5 gas. 210 Deluxe 1981 L4 1.5 gas. 210 Deluxe 1982 L4 1.5 gas. 210
Luxury 1982 L4 1.5 gas. 210 MPG 1981 L4 1.4 gas. 210 MPG 1982 L4 1.4 gas. J15. Sunny 120Y.

0351



T9 | SPL10 | CW
Fam. 70

ORIGINAL

Bosch: 1987BE0007 **General Motors:** 94208296 **Hitachi:** 2114N3550 - 211445004 - 211445007 - 211475001 **Isuzu:** 8942082960
8942082961 **Italacciai:** SD151 **Lester:** 16194 - 16203 - 16246 - 16270 - 16711 - 16773 - 16877 **Lucas Indiel:** 223322
Nissan-Datsun: 23312E6800 - 23312E6801 - 23312N3300 - 23312U6000 - 23312V6000 - 23312Y070

MOTOR

General Motors: 94022494 **Hitachi:** S114126 - S114126L - S114126M - S114170 - S114170B - S114170E - S114171 - S114171A
S114171D - S114172 - S114172A - S114172D - S114172E - S114173 - S114173B - S114173E - S114173F - S114174 - S114177 - S114180
S114180F - S114180M - S114181 - S114182 - S114182G - S114197 - S114202 - S114202A - S114218 - S114218A - S114229 - S114229E
S114229F - S114240 - S114247 - S114247A - S114247C - S114248 - S114295 - S114298 - S114301 - S114313 - S114343 - S114381
S114382 - S114608 - S144301 **Ishikawajima:** 185086320 - 185086321 **Isuzu:** 5811001300 - 5811001370 - 8941305600 - 8942044380
8942045380 - 8942134065 - 8942135381 - 8942138220 - 8942226880 - 8942243880 - 8942340650 **Italacciai:** 23300N3301
Nissan-Datsun: 23300E6800 - 23300E6801 - 23300N900 - 23300N3301 - 23300N3304 - 23300S0100 - 23300U0100 - 23300U0101
23300U0102 - 23300U0601 - 23300U0602 - 23300U6001 - 23300U6002 - 23300U6003 - 23300U6004 - 23300U6005 - 23300W0400
23300W0401 - 23300Y0700 - 23300Y0701 - 2330018C05 - 2330018C06 - 2330069690 - 2330069960

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Chevy Lux. S10 importada.

Isuzu: Datsun c/ partida Bosch.

New Holland: Trator.

Nissan-Datsun: 260Z 2+2 1974 L6 2.6 gas. 280Z 2+2 1975 L6 2.8 gas. 280Z 2+2 1976 L6 2.8 gas. 280Z 2+2 1977 L6 2.8 gas. Bluebird 1.6, 1.8. Laurel 2.4. Patrol 2.8, 4.0. J18.

0352



ORIGINAL

Bendix: 1987BE0008 **Italacciai:** SD169 **Lester:** 16500 - 16514 - 16522 - 16527 - 16579 - 16588 - 16708 - 16728 - 16742 - 16793 16794 - 16858 - 16859 - 16938 - 16940 - 16941 **Lucas Indiel:** 223236 **Mazda:** H83318X45 - 808824722 **Mitsubishi:** MD607283 MD608273 - M191T30974 - M191T33371 - M191T34071 - M191T35171 **Nissan-Datsun:** 23312Y0511 **Suzuki:** 3132072031

MOTOR

Italacciai: 23300B5013

Mazda: D306A8400B - D30618400A - D50118400 - D50118400A - D50218400 - D50218400A - D50518400 - D50518400A - E30118400 E30118400A - E35618400A - FE0518400 - FE0518400B - FE0518400C - FE5018400 - FE5018400A - FE5018400B - FE7918400 F601 - F60118400 - F60118400A - F60118400B - F80218400 - F80218400A - F80218400B - F80618400 - F85018400 - F85018400A F85018400B - HE1918400 - HE1918400A - HE1918400B - HE2018400 - HE2018400A - H83318400 - 032418400B - 077918400 077918400A - 808818400A - 813118400 - 813118400A - 821818400 - 893618400 - 893718400 - 896418400 896718400

Mitsubishi: MD001333 - MD001555 - MD0019891 - MD019891 - MD019895 - MD021674 - MD027400 - MD027401 - MD034120 MD034121 - MD085730 - MD21674MGA060 - MM111514 - MM115513 - MM115514 - MM115517 - M2T10282 - M2T20181 - M2T20181A M2T20182 - M2T20223 - M2T20281 - M2T20282 - M3T10172 - M3T110172 - M3T20081 - M3T20181 - M3T20381 - M3T20681 M3T20681A - M3T20781 - M3T21281 - M3T21282 - M3T21381 - M3T22081 - M3T22381 - M3T22581 - M3T22582 - M3T22681 - M3T22781 M3T24481 - M3T24482 - M3T24482A - M3T24483 - M3T24485 - M3T24486 - M3T24487 - M3T24488 - M3T25081 M3T25281 - M3T25781 - M3T25782 - M3T25783 - M3T25785 - M3T2581 - M3T25882 - M3T25883 - M3T25885 - M3T25891 - M3T27686 M3T29681 - M3T30081 - M3T30082 - M3T30088 - M3T30281 - M3T30282 - M3T30285 - M3T30286 - M3T30381 - M3T30382 - M3T30781 M3T30782 - M3T32382 - M3T32581 - M3T32582 - M3T32583 - M3T32681 - M3T32781 - M3T32782 - M3T33381 - M3T33382 - M3T335081 M3T33581 - M3T33582 - M3T33582A - M3T335820 - M3T33583 - M3T33585 - M3T33586 - M3T33586A - M3T33587 - 3T33588 - M3T3381 M3T35081 - M3T35082 - M3T35088 - M3T39182

Nissan-Datsun: 23300B5013 - 23300D0212 - 23300H5012 - 23300H5013 - 23300P5112 - 23300P5113 - 23300R9000 - 23300T5070 23300U0113 - 23300U0114 - 233000712

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge. **Hyundai:** Pony. **Kia:** Sportage 2.0 i.

Mazda: 929. 323 1.3, 1.5, 326 1.6, 2.0, B 1600, 2000. Mazda.

Mitsubishi: 4G37-64. Canter L 300. Celeste. Forklift. Galant. Sapporo. Tredia.

Nissan-Datsun: H20. L18. Nissan. Z20.

Suzuki: Samurai à gasolina 91/92.

0353



ORIGINAL

Bosch: 1987BE0009

Italacciai: SD183 - SD359

Lester: 16215 - 16222 - 16224 - 16230 - 16238 - 16261 - 16766 - 16832 - 16843 - 17354

Toyota: 2801141020 - 2801160041

MOTOR

Italacciai: 280002681

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Carina. Celica. Corolla. Corona. Crown. FJ60. Sprinter.

0361



T9 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209406 - 1006209428 - 1006209449 - 1006209466 - 1006209472 - 9001692096
Italacciai: SD345 - SD489
Lester: 16616 - 16617
Lucas: TMB450

MOTOR

Bosch: 0001208204 - 0001311100 - 0001311128 - 0001311146 - 0001314025 - 0001314027 - 0001314029 - 0001314033 - 0001314034
 0001314035 - 0001314036 - 0001314038

APLICAÇÃO/APLICACIÓN/APPLICATION

BMW: 315, 316, 318, 320, 518, 525, 528, 628, 728.
Mazda: 323 1.3.
Mercedes Benz: L207, L307.
Peugeot: 404 diesel.
Toyota: Colt, Cressi DA, Galant, Cressi DA GL (6 Cyl. Engine).

0362



T10 | SPL10 | CW
Fam. 49

ORIGINAL

Bosch: 1006209108 - 2006209324
Italacciai: SD037
Lester: 16405 - 16595
Lucas Indiel: 223602

MOTOR

Bosch: 0001311038 - 0001311048

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Capri 1.3, 1.6, 2.0, 2000GT, Capri II, Consul 2.0, Escort, Escort RS 2000, Granada 2.0.
Opel

0365



T9 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209473
Italacciai: SD356
Lester: 16715
Lucas Indiel: 223605

MOTOR

Bosch: 0001362045 - 0001362061 - 0001362079 - 0001362086 - 0001363104 - 0001363126

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Granada 1.9, 2.0 diesel, 1.9 diesel, 2.1 diesel.
Mercedes Benz: 190E, 50NC, MAC.
Peugeot: 504 D, 505 D Turbo, 604 D Turbo, 404 D, 505 TD, 604 TD.

0366



T9 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209449 - 2006209469 - 2006209476 - 2006209485
Italacciai: SD357
John Deere: 19024524
Lester: 17075 - 17105 - 17112 - 17159 - 18026 - 18121
Lucas Indiel: 223311

MOTOR

Bosch: 0001362034 - 0001362036 - 0001362040 - 0001362041 - 0001362046 - 0001362050 - 0001362053 - 0001362072 - 0001362074
 0001362075 - 0001362076 - 0001362091 - 0001362305 - 0001362308 - 0001362311 - 0001362313 - 0001362314 - 0001363002
 0001363107 - 0001363109 - 0001363110 - 0001363112 - 0001363113 - 0001363115 - 0001366001 - 0001366004 - 0001366009
 0001366014 - 0001366015 - 0001366017 - 0001366020 - 0001366022 - 0001369014

APLICAÇÃO/APLICACIÓN/APPLICATION

ABG: 128, Alexander 126, Maw 172, 173, 173s, Puma 168, 177, 178. **Agria:** 3800G, 4800K, 4800L. **Agrifull:** 60, 70, 80, 90 Turbo, 235C, 345, 355C. **Alfa Romeo:** Alfa 6 2.5 TD, Alfa 6 TD, Alfetta 2.0 TD. **Arona:** 395, 4100, 495, 952, 953, 954, AD295, PM. **Atlas-Weyhauser:** 1202, 1252, 1302C, 1702, 1902, 50, 51, 70, AB1602, ABL710, AR40, AT710, A30, A45, A50, A55, A60, B40, B41, P60. **Bomag:** B2211/212, BW2211/212, SB2211/212. **Carraro:** 625, 635, 650, 835, 850. **Claas:** 70/75R, Mercator 60. **Clayson:** 1520, 1530, 1540.

Eicher: 3705, 3706A, 3713, 3714A, 3719, 3720.

Fahr: 1002, 1080, 1102, 1202, 2385, 2480, M600, 750, 770, 900.

Farymann: G40, P10-30, S10-30. **Fiat:** Magirus Iveco 50NC.

Goldoni: Transporter 336. Universal 230.

Hamm: 5.2VTD, 8.5VTD, DV10B, GRW10, 15.

Hatra: Gigant 10, 12, 14, 6, 8. **Jenbacher:** JW277, JW278 (24V).

Kaeble: 3WT, 5WT, 8WV, WTV, WVK.

KHD: D2506, D3006, DX50V, F3L 911, F3L 912.

Lamborghini: DT503-603, R503-603, S503-603. R503, R583, R603.

Liebherr: 921/A 901B/A, R 911. **Linde:** H12 D, H15 D.

Lombardini: LDA 672, 673, 674, 833, 834. **Mercedes Benz:** 200 D.

MWM: D225, D226.2, D226.3, D327.2, D327.3. **Poclair:** TC45, TY2P, TY45.

Ruggerini: CRD95, 100 RD90, 95. **Slanzi:** DVA1500, 1550, 1750, 1800, 2200, 2700.

Valmet: 101, 102, 103, 104SU, 1051, 1052, 1053, 1054SU, 112, 113DAN, 12.5, 15,

18, 195, 198, 20, 24, 25, 295, 298, 30, 32.5, 395SV, HR488 HT, T1054SU.

0367



T9 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209492 - 2006209530 - 2006209536 - 2006209930

Fiat: 79034927 - 8122157 - 9959619 **Italacciai:** SD443

Lester: 16560 - 17073 - 17074 - 17106 - 17113 - 17127 - 17136 - 17184 - 17228 - 17320 - 18032 - 18229 - 18237 - 18250

Lucas Indiel: 223312 **Remy:** 19024520 - 19025715

MOTOR

Bosch: 0001362051 - 0001362063 - 0001362096 - 0001362097 - 0001362300 - 0001362306 - 0001362309 - 0001363116 - 0001366018
0001366021 - 0001367001 - 0001367004 - 0001367005 - 0001367007 - 0001367010 - 0001367011 - 0001367012 - 0001367014
0001367019 - 0001367021 - 0001367023 - 0001367026 - 0001367027 - 0001367030 - 0001367031 - 0001367033 - 0001367034
0001367039 - 0001367045 - 0001367046 - 0001367049 - 0001367050 - 0001367052 - 0001367059 - 0001367068 - 0001367074
0001367300 - 0001367301 - 0001368001 - 0001368002 - 0001368003 - 0001368005 - 0001368007 - 0001368008 - 0001368010
0001368011 - 0001368012 - 0001368013 - 0001368014 - 0001368017 - 0001368018 - 0001368021 - 0001368022 - 0001368024
0001368028 - 0001368030 - 0001368031 - 0001368032 - 0001368033 - 0001368035 - 0001368047 - 0001368055 - 0001368062
0001368063 - 0001368300 - 0001368301 - 0001368302 - 0001368307 - 0001368309

Italacciai: 0001362051

APLICAÇÃO / APLICACIÓN / APPLICATION

ABG: Alexander, Puma, Titan. **Agrifull:** 80, 105. **BMW:** 520. **Carraro:** Tigrone 765. **Claas:** Consul, Corsar. **Fendt:** Farmer 108, 200S, 306.

Fiat: 65NC10, 70NC10, 75NC10, 130NC, 130NR, 130NT, 150NC, 150NR, 150NT, 159NC, 159NR, 159NT, 850, 880, 880DT, 1300S.

Fiat Allis: S11, S9, SL11, SL9, SR9. 65, 70, 75, 130, 150, 159, 850. **Fiat Iveco:** Caminhão 60.9, 80, 13.80, 16, 90.13, 110.13, 110.16, 120.13, 130.13, 130.16. 65.10, 70.10, 75.10. **Harvester:** Yumbo 3944, 3945, 3960, 3961. **Kaeble:** SL12C. **Kassbohrer:** S208H.

KHD: D10006, D130006, D4006, D4506, D5006, D6006, D6206, D6806, D7006, D7206, D7506, D8006, DX100, DX85, DX90, Intrac 2002, 2003, 2004. **Lamborghini:** 1356, 1566, 653, 654, 684, 754, 854, 955. DT804, DT904. R1056DT, R1156, R1256DT, R804, R904. **Linde:** H20 D, 25 D, 30 D, 35 D. **Lombardini:** LDA 673, 674, 833, LDAM 674. **Mercedes Benz:** 1017, 1414, 1417, 1614, 1617, L 911, L1017, L1113, L1513, L613, L911, L1113, L1313, U1000, U1200, U1300, U1450. 1017AF, 1017F. 1113B. 1217AF. 280S. 302 Otobus. 508DG, 608DG. 613D. 911B. L408DG. LP1013, LP1113, LP709, LP809, LP813, LP913. 0302, 0309D, 0371U. Tratores MB1000, MB1300. U100, U1013, U1200, U1213, U1300, U1413, U1500, U1613, U1700, U800, U900. **MWM:** D225 4-6, D226 4-6, D325 4, D327 4-6, TD226 6. **Scania:** Caminhão P93H, P94. Ônibus F94, L94. P, R124/360. P, R124/400. P, R124/420. R164/480. R164/580. **Seat:** Cordoba 1.6. Ibiza 1.0, 1.0 16V, 1.4, 1.4 16V. **Volvo:** B6 série, DR860-861, F84-85-86-87, FL4 série, LM1240, LM641, LM841, LM845, LM846, SM880, T650, T800, T810, T814, VHK118. 106SU-MH 11, 114 Dan, 1154 Dans, 1154M 12.8, 1156 Dans, 1156M 12.8, 116 Dan, 50KVA, 70KVA. F406, 407, 408, 409, 613, 616, LM621, 641, 841, 845, 846, Yavuz Kamyon. **Zettelmeyer:** L800, L1000, Europ S8, S10.

0376



T9 | SPL12 | CW
Fam. 27

ORIGINAL

Allis Chalmers: 2201850102 - 22018501030 - 2201850192 **Hitachi:** 21203500 - 212035001 - 21207500 - 21207530 - 21207550

Isuzu: 5811130170 - 5811230020 - 5811230070 - 5811230160 - 9821212380 **Lester:** 17087 - 17089 - 17090 - 18064

Lucas Indiel: 223237 **Thermo King:** 442910

MOTOR

Hitachi: S1224 - S1224A - S1227 - S1241A - S1246 - S1248 - S1256 - S1258 - S1259 - S1261 - S1282 - S1288 - S1306 - S1306A - S1325
S1328 - S1331 - S1333 - S1333A - S1333B

Isuzu: 5811000571 - 5811000740 - 5811000800 - 5811000820 - 5811000990 - 5811001110 - 5811001111 - 5811001112 - 9821001520
9821001522 - 9821001830 - 9821001832

Thermo King: 442918 - 445443

APLICAÇÃO / APLICACIÓN / APPLICATION

Isuzu: KB20 D. KB10 diesel (Thermo King estacionário). KBD 25 2.0D, KBD 30D. **Jeep:** Renegade. **Komatsu:** Vários Forklifts.

Massey Ferguson: 210-4. **Nissan-Datsun:** Nissan. **TCM Equipment Ag:** Forklift SD25Z1. **Toyota:** Toyota.

0378



T11 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209425 - 2006209494 **Italacciai:** SD313
Lester: 17113 - 17229 - 18236 **Lucas Indiel:** 223313
Remy: 19024525

MOTOR

Bosch: 0001362064 - 0001362301 - 0001362303 - 0001362304 - 0001363118 - 0001366008 - 0001367008 - 0001367009 - 0001367013 - 0001367015 - 0001367018 - 0001367024 - 0001367032 - 0001367043 - 0001367067 - 0001368006 - 0001368009 - 0001368015 - 0001368025 - 0001368039 - 0001368041 - 0001368046 - 0001368049 - 0001368050 - 0001368058 - 0001368071 - 0001369009

APLICAÇÃO / APLICACIÓN / APPLICATION

Atlas Copco: Caminhões e Tratores. **Bukh:** 2G105, 3G05, 4K105, 6K105. **Carraro:** 652, 654, 655CL. Victory 6500, 7000.
Deutz: Caminhões e Tratores. **Eicher:** 3022, 3108, 3257, 3357, 3558. **Harvester:** 433V, 533V. **Hatz:** D108, E108, V108, Z108.
Jenbacher: JW440K/KL, JW444, JW602. **Lamborghini:** C603, DT704, L603, R704. **Mercedes Benz:** Caminhões e Tratores. **Pegaso:** Camion. **Same:** Caminhões e Tratores. Drago 120. Super Drago. Taurus 60. **Scania:** Caminhões e Tratores. Drago 120. **Valmet:** HR492AT, HR688H, HR688HT, HR692HT. Trator 985. **Volkswagen:** LT28, 28 D, LT31, 31 D, LT35 D. **Zetor:** 3511, 3545, 4511, 5511, 5545, 6722, 6745.

0380



T10 | - | CCW
Fam. 63

ORIGINAL

Italacciai: SD197
Lester: 16169
Lucas: TLB111 - 54240293 - 54240294 - 54240295 - 54242330 - 54252215 - 54261658 - 60251022

MOTOR

Italacciai: 25148A
Lucas: 25142AHM35 - 25148AJM35 - 25276AM35 - 25345AM35

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: Allegro, Maxi, Mini.
Bedford: Ha Van.
Ford: Fiesta Van, Escort Van.
Lotus: Seven.

0381



T10 | SPL3 | CCW
Fam. 20

ORIGINAL

Lester: 3294 - 3369 - 3709 - 3853 - 3933 - 3952 - 4194 - 4215 - 4523 - 4567 - 4843 - 4888 - 6151 - 6171 - 6192 - 6542 - 6659 - 6705
Remy: 10499852 - 1877350 - 1933838 - 1947542 - 1948877 - 800965

MOTOR

Remy: 1113197 - 113647

APLICAÇÃO / APLICACIÓN / APPLICATION

Delco: 10MT, 22MT, 25MT, 27MT, 30MT, 35MT, 5D 300 séries DD.

0382



T8 | SPL10 | CW
Fam. 71

ORIGINAL

Hitachi: 211465004 - 211495002
Lester: 16579
Nissan-Datsun: 23312M1500 - 23312M15001 - 23312M1501

MOTOR

Hitachi: S114161 - S114161B - S114161E - S114161F
Nissan-Datsun: 23300M1052 - 23300M1500 - 23300M15001 - 23300M1501 - 23300M1502 - 23300M1503 - 23300M1510 - 23300M5901 - 23300M5903

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: 310 GX 1980 L4 1.4 gas. 310 GX 1981 L4 1.5 gas. Cherry 120A.

0389T11 | SPL6 | CW
Fam. 10**ORIGINAL**

Bosch: 1987BE0010 **Femsa:** 1706126 **Fiat:** 9937207 - 9941640
Italacciai: SD188 **Lucas Indiel:** 228042 **Magneti-Marelli:** 74887061 - 85540491

MOTOR

Fiat: 4470378 - 82374433
Italacciai: 04469987
Magneti-Marelli: 63221308 - 63221338 - 63221400 - 63221401 - 63221430 - 63221431 - 63221508 - 63221538 - 63221637

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 131, 132, Argenta, Argenta 1.6, Brava 131, Croma 1.6, Duna, Europa, Fiorino, Nuova Argenta, Pick-up, Prêmio, Regata 70, 85, 100, 1.3, 1.5, 1.6, Restyling 132, Ritmo 75, 85, 105CT, 125CT, Spazio, Tipo 1.4 1400 DGT, Uno Turbo, 147, 130 Super, 147, Weekend.
Lancia: Beta 1.3, 1.6, Delta 1.5, 1.6, Prisma 1.5, 1.6, Trevi 1.6. **Seat:** 124 (1.8), 131L (1.6), 131 E/L, 132.

0392T11 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209408 - 2006209423 - 2006209438 - 9002453010 - 9002453081 **Italacciai:** SD441 **Lester:** 16565 - 16567 - 17113
 17229 - 17258 - 18028 **Remy:** 19024518

MOTOR

Bosch: 0001359004 - 0001359053 - 0001359056 - 0001359060 - 0001359075 - 0001359076 - 0001359099 - 0001359106 - 0001359108
 0001359112 - 0001359124 - 0001360029 - 0001360033 - 0001360041 - 0001360042 - 0001360054 - 0001360064 - 0001364101
 0001364102 - 0001364103 - 0001364104 - 9000143305 - 9000453089

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: 1135-1, 1135-15, 1135-50, 1135-55, 2135, 2135-50. **Carraro:** 652, 654, 655, 702, 704. **Chrysler:** Dodge C17, C20, C2662, C2664, T17. **DAF:** F2000, F2200, F2205. **Dodge:** C17, C20, C2662, C2664. **Eicher:** Mammuth, Puma, Tiger, Wotan. **Harvester:** 510, 515, 530
Hatz: D95, D108, V95, V108. **Jenbacher:** JW440K/KL, JW444, JW602. **Kassbohrer:** S80, 110, A, S120, 130, 150. **Kawasaki:** D10006, D130006, D4006, D4506, D5006, D6006, D6206, D6806, D7006, D7206, D7506, D8006, DX100, DX85, DX90, Intrac 2002, 2003, 2004. **KHD:** 100 D 8FL, 9FL, 10FL, 11FL. **Lamborghini:** 904DT, C603, DT704, L603, R1056DT, R704, R804, R904. **Pegaso:** Camion **Renault:** 210.20, 230.20, 230.26, 250, D17, D20. **Renault V.I.:** D210.20, D230.20, D230.26, F.2100, F.2103, F.2105. **Same:** Buffalo, Corsaro, Drago. **Steyr Puch - Valmet:** HR688H, HR688HT, 885. Trator 885S, 985S, 1180S, 1380S, 1680S, c/ motor Valtra (importado). **Volkswagen:** LT28, LT31, LT35. **Zetor:** 3511, 3545, 4511, 5545, 6711, 10, 11, 12, 20, 21, 23.

0394T11 | SPL10 | CW
Fam. 78**ORIGINAL**

Fiat: 9936050 - 9938235 - 9941642
Italacciai: SD187
Lucas Indiel: 223240
Magneti-Marelli: 74891161 - 74898071 - 85540521

MOTOR

Fiat: 5991832
Italacciai: 05991832
Magneti-Marelli: 63221403 - 63221433 - 63221434 - 63221500 - 63221503 - 63221509 - 63221530 - 63221533 - 63221539
 63221632 - 63221639 - 63221730 - 63221731

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi - Fiat: 124 Spider, 127 Brasile diesel, 127 D, 131 2.0, 132 2.0, Argenta, CHT Turbo 2.0, Croma, Croma 2000, Fiorino diesel, Panda diesel, Regata, Spyder 124 2.0, Uno diesel.
Lancia: Beta 2.0, Delta 1.6 HF Turbo, Delta HF4WD, Prisma 1.6 4WD, Thema 2.0, Thema 2000IE, Turbo.

0395T9 | SPL10 | CW
Fam. 78**ORIGINAL**

Fiat: 9938328 - 9941467
Italacciai: SD185
Lucas Indiel: 223241
Magneti-Marelli: 74888761 - 74895431 - 85540481

MOTOR

Fiat: 5933930 - 5996771
Italacciai: 05933930
Magneti-Marelli: 63223000 - 63223203 - 63223206 - 63223207 - 63223236 - 63223237 - 63223300 - 63223330 - 63223332

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: 320, 320i, 321i, 323i, 520, 525, 528.
Fiat: Nuova Ritmo diesel, Regata diesel, Ritmo diesel.
Seat: Ibiza diesel, Ritmo diesel, Ronda diesel.

0397



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Bosch: 1987BE0034
Femsa: 170616
Lucas Indiel: 221830

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge 1500.
Ford: Fiesta 1.0, 1.3.
Hillman
Peugeot: 404.

0398



T13 | SPL12 | CW
Fam. 39

ORIGINAL

Italacciai: SD199
Lucas: TMB116 - 54246340 - 54246739 - 54247184

MOTOR

Lucas: 26317BDM50 - 26317B/H - 26355A/J - 26356ABM50 - 26356A/M - 26361A/E - 26388A/F - 26407AEM50 - 26407A/F

APLICAÇÃO / APLICACIÓN / APPLICATION

Bonser: D20, D200K, D25, D2500K.
Fiat Iveco: 129.14, 130.14.
Ford: A, D séries. Transit diesel.
Lancer: 300 séries, PD III A.

0404



T9 | SPL11 | CW
Fam. 81

ORIGINAL

Bendix: 310626 - 314529
Bosch: 1987BE0035
Ducellier: 611942
Italacciai: SD500
Lester: 16488 **Lucas Indiel:** 223244
Valeo: NE314

MOTOR

Ducellier: 532000AB - 532002 - 532003 - 532004 - 532008 - 532008AB - 532009 - 532009AB - 532010 - 532010AB - 532018 - 6221A
6231C
Italacciai: 006231C

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: Citroën. CX Athena, CX Reflex.
Peugeot: 505, 505 Inj. Peugeot.
Renault: Estafette. Fuego. R4, R5, R6, R16, R18, R20. Rodeo. Trafic. Renault.

0406



T9 | SPL10 | CCW
Fam. 92

ORIGINAL

Bosch: 1006209501
Italacciai: SD311
Lester: 16556

MOTOR

Bosch: 0001317009 - 0001317010 - 0001317018

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Granada 2.5 D. Sierra D 2.3.
Mercedes Benz: Turbo YM.
Peugeot: 404D, 504D, 505D Turbo, 604D Turbo.
Toyota: Tagora TD.
Volkswagen: Golf TD, Jetta TD. Jetta Deluxe 1981 L4 1.6 diesel. Jetta Deluxe 1982 L4 1.6 diesel. Jetta Deluxe 1983 L4 1.6 diesel. Rabbit Custom 1981 L4 1.6 diesel. Rabbit Custom 1982 L4 1.6 diesel. Rabbit Custom 1983 L4 1.6 diesel. Rabbit Deluxe 1981 L4 1.6 diesel. Rabbit Deluxe 1982 L4 1.6 diesel. Rabbit Deluxe 1983 L4 1.6 diesel. Rabbit GL DLX 1983 L4 1.6 diesel. Rabbit L 1983 L4 1.6 diesel. Rabbit L 1984 L4 1.6 diesel. Rabbit L Custom 1981 L4 1.6 diesel. Rabbit L Custom 1982 L4 1.6 diesel. Rabbit LS Custom 1983 L4 1.6 diesel. Rabbit LS Deluxe 1981 L4 1.6 diesel. Rabbit LS Deluxe 1982 L4 1.6 diesel.

0407T9 | SPL6 | CW
Fam. 91**ORIGINAL**

Fiat: 79023774 - 9000862 - 9927793 - 9929081 - 9935731 - 9936772 - 9957707 - 9986112 **Italacciai:** SD125 - SD128
Lester: 17111 - 17126 **Lucas Indiel:** 221833 **Magneti-Marelli:** 72138901 - 72139001 - 72139007 - 72363401
72363402 - 72397101 - 72397106

MOTOR

Fiat: 4692477 - 4699704 - 4699705 - 4701920 - 4702248 - 4706008 - 4706931 - 4710224 - 4711699 - 4713805 - 4713806 - 4713807
4737754 - 4737755 - 4737756 - 4741699 - 4745849 - 4745930 - 4752212 - 4752403 - 4752912 - 4759929 **Italacciai:** 04699705
63216740MT67CA **Magneti-Marelli:** 63216703 - 63216707 - 63216725 - 63216726 - 63216727 - 63216740 - 63216808 - 63216825
63216826 - 63216827 - 63216873 - 63216898 - 63217101 - 63217104 - 63217105 - 63217118 - 63217119 - 63217120 - 63217125
63217147 - 63217201 - 63217225

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 30AR8, 32AR8, 35AR8, 40AR8. **Fiat:** Argenta D, Argenta 2.5. Campagnola. Ducato D. Nuova Argenta. 131, 132, 131 D, 132 D, 238 (1.8). **Fiat Allis:** 355, 450, 480, 500, 550, 580, 670, 780, 850, 880, 1000, 1300, FL4C, TL5. **Fiat Iveco:** Daily 28.8, 30.8, 32.8, 35.8, 40.8 Ducato. **OM:** Grinta 28.8, 30.8, 32.8, 35.8. **Renault:** Trafic 4x4. **Simit:** S60.

0408T9 | SPL6 | CW
Fam. 10**ORIGINAL**

Fiat: 9936996 - 9941751
Italacciai: SD153
Magneti-Marelli: 74886971 - 74889271 - 85540601

MOTOR

Fiat: 5972684
Italacciai: 04451826
Magneti-Marelli: 63220506 - 63220536 - 63220537 - 63220538

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão TX1600 até 12/84.
Autobianchi: A112, Y10 Touring, Y10 Turbo.
Fiat: Fiorino TT 0.9. Panda 30, 34, 45, 45 4X4. Ritmo 60 L141. Uno 0.9, Uno 45. Young. 127 (0.9), 127 (1.05), 127 Sport (1.3).
Seat: Fura. Panda.

0409T9 | SPL12 | CW
Fam. 83**ORIGINAL**

Lester: 16109 - 16283
Lucas: TNB137 - 54244686 - 54245201 - 54245341 - 54246005 - 54247077 - 54247181

MOTOR

Lucas: 25165ADM35 - 25264AF5M90 - 25274ADM35 - 25329AM35 - 25348A5M90

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: DPB, PB.

0411T11 | SPL12 | CW
Fam. 39**ORIGINAL**

Italacciai: SD019
Lester: 16664 - 16665
Lucas: TMB124 - 54247396 - 60600077

MOTOR

Lucas: 26278H - 26301H - 27413A/D - 27421A/B - 27463A/D

APLICAÇÃO / APLICACIÓN / APPLICATION

Allis Chalmers: ED40 Tractor.
Bonser: 50 D, 60 D, 70 D, 90 D, LS45.
David Brown: 580, 770, 780, 880, 885, 990.

0412



ORIGINAL

Lester: 16166 - 16173 - 16284
Lucas: TNB142 - TNB147 - TNB149 - 54243657 - 54246252 - 54249032 - 54249041 - 54249043 - 54262658

MOTOR

Lucas: 25619A/K - 25624AF2M100 - 25642A/F - 25647A/L - 25651A/B - 25662A/E - 25674A/E - 25684A/J - 25686A/H - 25689A/J - 25692A/J - 25695A/F - 25699A/J - 25704A/D - 25706A/D - 25707A/D - 25710A/D - 25714A/D - 25718A/D - 25719A/D - 25720A/D - 25722A/D - 25728A/D - 25729A/D - 25734A/D - 25739A/D - 25742A - 25743A/D - 25743AD3M100 - 25755A - 25756A

APLICAÇÃO/APLICACIÓN/APPLICATION

Bedford: CA 1.8, 2.0, CF 1.6 2.0.
Daimler: Limousine, Sovereign.
Ford: Capri, Consul, Granada.
Jaguar: 420, E Type, XJ6.
Lotus: Eclat, Elite, Esprit.
Morris: 180, 2200, Ital 1.7.
Triumph: 2000, 2500, TR6.
TVR: 3000, Vixen.
Vauxhall: Cresta, Firenze, Magnum.

0414



ORIGINAL

Lester: 16164
Lucas: TNB145 - 54247179 - 54249035

MOTOR

Lucas: 25705AD2M100 - 25732BE2M100

APLICAÇÃO/APLICACIÓN/APPLICATION

M.G.: MGB.

0417



ORIGINAL

Bosch: 1006209436
Lester: 16787

MOTOR

Bosch: 0001314017

APLICAÇÃO/APLICACIÓN/APPLICATION

Bomag: BW905 SH/SL.
Mercedes Benz: 0302-0352 Otobus.

0418



ORIGINAL

Bosch: 2006209495 - 2006209532 **Fiat:** 9959813 **Italacciai:** SD442 **Lester:** 16558 - 18254 - 18259

MOTOR

Bosch: 0001362302 - 0001362324 - 0001367002 - 0001367017 - 0001367020 - 0001367047 - 0001367048 - 0001367051 - 0001367057 - 0001367066 - 0001367070 - 0001367071 - 0001367302 - 0001368023 - 0001368034 - 0001368040 - 0001368044 - 0001368052 - 0001368060 - 0001368068 - 0001368070 - 0001368072 - 0001368076 - 0001368082 - 0001368306 - 9000143412 - 9000143415 - 9000143416
Italacciai: 0001362302

APLICAÇÃO/APLICACIÓN/APPLICATION

DAF: F1300, F1400, F1500.
Ford: D1211 Kamyon.
Harvester: D358. Inter 1800 Kamyon.
Kawasaki: F1300D, F1400D, F1500D, F1600D, F1800D, F2105DF.
Volvo: F2250, F406, F407.

0419T10 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: 2006209462 - 2006209499
Lester: 17077 - 18024

MOTOR

Bosch: 0001362093 - 0001367006 - 0001367022 - 0001367035 - 0001367041 - 0001367042 - 0001367055 - 0001367056
 0001367063 - 0001368026 - 0001368027 - 0001368036 - 0001368038 - 0001368051

APLICAÇÃO/APLICACIÓN/APPLICATION

DAF: F1400 DF.
Dodge: Trucks S séries.
Ford: Cargo séries.
Hanomag: 20, 22C, 30, 33C, 400D.
Linde: H20, H25, H30.

0420T9 | SPL10 | CW
Fam. 92**ORIGINAL**

Bosch: 1006209500 **Italacciai:** SD310
Lester: 16623 - 17016
Lucas: TMB454
Lucas Indiel: 223249

MOTOR

Bosch: 0001316004 - 0001317007 - 0001317008 - 0001317013 - 0001317022 - 0001317025

APLICAÇÃO/APLICACIÓN/APPLICATION

Audi: 4000 (diesel), 4000 Turbo (diesel), 80D, 80D Turbo, 80 1.6 D, 80 1.6 TD.
Opel: Ascona C 1.6 D. Astra 1.7 D. Kadett D/E 1.7 D, Kadett D 1.6 D. Vectra.
Vauxhall: Astra D, Cavalier D.
Volkswagen: Passat D Turbo, Passat D, TD. Quantum Custom 1983 L4 1.6 diesel. Quantum DLX 1982 L4 1.6 diesel. Quantum DLX 1983 L4 1.6 diesel. Quantum GL Custom 1984 L4 1.6 diesel. Quantum GL Custom 1985 L4 1.6 diesel. Quantum GL Deluxe 1984 L4 1.6 diesel. Santana D Turbo, Santana D, TD.

0426T11 | SPL8 | CW
Fam. 30**ORIGINAL**

Lester: 16795
Lucas Indiel: 223644
Mazda: 489324722
Mitsubishi: M191T31071 - M191T35271

MOTOR

Mazda: 489318400B - 489318400D - 489318400E
Mitsubishi: M3T10473 - M3T10475 - M3T10476

APLICAÇÃO/APLICACIÓN/APPLICATION

Hyster: Forklifts.
Mazda: com partida Mitsubishi.

0427T10 | SPL8 | CCW
Fam. 30**ORIGINAL**

Lester: 17332
Mitsubishi: M191T32271
Onan: 1911087

MOTOR

Mitsubishi: ME0107
Onan: 19911052

APLICAÇÃO/APLICACIÓN/APPLICATION

0428



T9 | SPL10 | CCW
Fam. 93

ORIGINAL

Bosch: 1006209502
Lester: 16961

MOTOR

Bosch: 0001317011 - 0001317012 - 0001317016 - 0001317017

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Transporter D. Vanagon Campmobile 1982 L4 1.6 diesel. Vanagon Campmobile 1983 L4 1.6 diesel.

0429



T9 | SPL10 | CW
Fam. 73

ORIGINAL

Hitachi: 211415003
Lester: 18110
Nissan-Datsun: 23312C0600

MOTOR

Hitachi: S114184
Nissan-Datsun: 23300C0600

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Forklift.

0433



T9 | SPL3 | CW
Fam. 17

ORIGINAL

Lester: 6307 - 6308 - 6309 - 6310 - 6312 - 6313 - 6315 - 6316 - 6318 - 6319 - 6327 - 6330 - 6331 - 6426
Remy: D2032 - 1984511

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0434



T10 | SPL4 | CW
Fam. 41

ORIGINAL

Allis Chalmers: 02683662 - 02698850 **Case:** A47788
Caterpillar: 4N7523 **John Deere:** AR54992
Lester: 16629 - 16635 - 16643 - 16644 - 17103 - 17120 - 17349 - 17353 - 17369 - 17386
Nippondenso: 0283001280 - 0283001660

MOTOR

Allis Chalmers: 1336643 **Case:** A162469 - 91902C1 **Caterpillar:** 4N0241 - 7N0923 - 9G6941 **John Deere:** AR16277 - AR41627 - AR70611
RE13722 - RE23900
Nippondenso: 0280003290 - 0280003292 - 0280003650 - 0280003690 - 0280003930 - 0280003970 - 0280003971 - 0280005040
0280005920 - 0280005960 - 0280006920 - 0280007430 - 0280007431 - 1280000260 - 1280000771 - 1280000772 - 1280002000
1280003690 - 1280004340 - 1280005330

APLICAÇÃO / APLICACIÓN / APPLICATION

John Deere (SLC): Trator/Tractor.

0438T9 | SPL10 | CW
Fam. 36**ORIGINAL**

Lucas Indiel: 228204
Nashville: 45210100

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Deutz: Deutz.
Fiat: Turbo.
Mercedez Benz: Mercedes Benz.

0439T10 | SPL10 | CW
Fam. 36**ORIGINAL**

Bosch: 1987BE0037
Lucas Indiel: 228205
Nashville: 4520100

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Perkins: 4 e 6 cilindros tipo AN115.

0440T9 | SPL10 | CW
Fam. 25**ORIGINAL**

Lucas Indiel: 222901

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Deutz: Deutz.
Ford: Ford.
Mercedez Benz: Caminhões, Ônibus e Tratores.

0441T9 | SPL3 | CW
Fam. 35**ORIGINAL**

Bosch: 1987BE0011
Lucas Indiel: 228099 - 35256654 - 35257820

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Mercedez Benz: L608, L911, L1112, L1114, c/ motores OM314, OM325, OM352, OM355.

0443



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Bosch: 1987BE0038
Lucas Indiel: 221901
Tria: ZAE911335

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Renault: R9, R11, R18, R21.
Volkswagen: Gacel GL e GS Carat.

0445



T9 | SPL9 | CW
Fam. 5

ORIGINAL

Bosch: 1987BE0012
Lucas: 27330
Lucas Indiel: 227330 - 35257330

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Renault: Renault 4, 6, 12 c/ motor 1.4, 1.8, 2.1, Fuego, Nevada e Traffic c/ motor 1.4, 2.0 e 2.2.

0447



T11 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209475
Italacciai: SD016
Lester: 17114 - 18120
Lucas Indiel: 223657

MOTOR

Bosch: 0001362035 - 0001362042 - 0001362059 - 0001362092 - 0001362095 - 0001363105 - 0001363117 - 0001363125 - 0001366011
0001366012 - 0001366024 - 0001366027

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: Giulia diesel.
Hatz: E950.
Lamborghini: 784DT, C352, C362, C453, C503, C533, C553, C653, DT235, DT653, L503, LL503, R235, R483, R653, S235, S503.
Lombardini
Same: Aurora, Condor, Corsaro, Fox, Leopard, Panther.
V.M.: C362, C453, C533, R235.
Valmet: 20KVA, HR392A, HR488H, HR488HT, HR488HTA, HR492A, HR492HT, HT9.

0448



T9 | SPL12 | CW
Fam. 27

ORIGINAL

Bosch: 1987BE0039 **Hitachi:** 212025001 - 212045002 - 212055002 - 212075002 - 212085001 - 212085002 - 225035001
Isuzu: 5811230090 - 5811230150 - 9821212340 **Lester:** 16771 - 16818 **Lucas Indiel:** 223250 **Nissan-Datsun:** 212025001
212045002 - 23312V0601 - 2331237502 - 2331237504 - 2331276201 - 233312V0601

MOTOR

Hitachi: S12119C - S1218D - S1219C - S1219K - S1219KA - S1219KB - S1234 - S1234A - S1263 - S1263A - S1263B - S1263C - S1264
S1268 - S1268A - S1268B - S1268D - S1323 - S1334 - S1334A - S1336 - S1338 - S1340 - S1340A - S1343 - S13443 - S1345 - S1345A
S1345B - S1346 - S1346A - S25106 - S25123 - S25129 - S25132 - S25141 - S25152
Nissan-Datsun: 23300A3210 - 23300G700 - 23300G7000 - 23300G7001 - 23300G7002 - 23300G7003 - 23300G7004 - 23300G7005
23300G7006 - 23300G7007 - 23300L1800 - 23300T3400 - 23300T3470 - 23300T5600 - 23300T5601 - 23300V0600 - 23300V0601
23300V0601 - 23300V0602 - 23300V0603 - 23300V0605 - 23300W3101 - 23300Y1400 - 23300Y1403 - 23300Y1405 - 23300Z700
23300Z7000 - 23300Z7001 - 23300Z7005 - 2330015815 - 2330031W00 - 2330031W01 - 2330031W02 - 2330031W03 - 2330031W04
2330031Y03 - 2330032W03 - 233003470 - 233003705 - 2330037503 - 2330037505 - 2330037506 - 2330037508 - 23300375088
2330079601 - 2330090062 - 2330090217

APLICAÇÃO/APLICACIÓN/APPLICATION

Isuzu: Isuzu. **Nissan-Datsun:** Cedric SD22. Patrol Pick-up. Terrano II 2.7TD.

0449T9 | SPL12 | CW
Fam. 39**ORIGINAL****Lucas:** TMB150 - 54267317**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Land Rover:** 90, 110 diesel.**0450**T8 | SPL8 | CW
Fam. 47**ORIGINAL****Bosch:** 1987BE0013 **Ford:** E7GZ11350A - SDE332 **General Motors:** 96063635 **Lester:** 16514 - 16522 - 16708 - 16794 - 16795 - 16922 16938 - 16940 - 16941 - 16966 - 16971 - 17181 - 17212 - 17288 - 17662 **Lucas Indiel:** 223252 **Mazda:** B63018X45 - E35618X45 **Mitsubishi:** MD607894 - MD611372 - M191T22071 - M191T22371 - M191T22771 - M191T22971 - M191T23071 - M191T23471 **Nissan-Datsun:** 2335442L10 - 2335442L11 **Suzuki:** 3132079030 - 3132082130 - 3132082139**MOTOR****Ford:** B35918400A - B63018400A - B65818400 - B67618400A - E9BZ11002A - E9JY11002A - F0BY11002B - F0BZ11002B - F0JY11002A F1JY11002A - F7GZ11002A - F9JY11002A - SAI761 - SAI772 - SAI773 - SAI780 - SAI783 - SAI788
General Motors: 30001695 **Mazda:** B30318400 - B30318400A - B31518400A - B31518400B - B35918400 - B50518400 - B59318400 B6S818400A - B61P18400 - B61R18400A - B63018400 - B63018400A - B67618400 - B67618400A - B67618400B - D50518400B - D53018400 E35618400 - E35618400B - E35718400 - FE0518400C - FE1J18400A - FE5A18400A - FE5018400E - F24018400 - F24018400B - F8B118400A F8B118400B - F8B118400C - F8B18400A - F85018400E - 478010400 - 478018400 - 478018400A **Mitsubishi:** MD100431 - MD016729 MD016851 - MD016863 - MD066761 - MD081567 - MD081568 - MD100431 - MD101219 - MD107614 - MD107615 - MD161437 - MD162836 MD162837 - MD162838 - MD164866 - MD180238 - MD180239 - MD189054 - MD192222 - MD192228 - MD81567 - M2T30581 - M2T30583 M2T322 - M2T32281 - M2T40081 - M2T42881 - M2T44081 - M2T48081 - M2T49881 - M3MT30583 - M3M32722 - M3M32782 - M3Q38882 M3T016851 - M3T016863 - M3T066761 - M3T14482J - M3T162838 - M3T164866 - M3T189054 - M3T21281 - M3T21281D - M3T21381 M3T21381D - M3T21781 - M3T21781D - M3T21882 - M3T21882D - M3T22581 - M3T244 - M3T24482 - M3T24482H - M3T24482K M3T24486H - M3T25252H - M3T25282H - M3T25285A - M3T25885 - M3T25885A - M3T27686D - M3T27786 - M3T29482 - M3T29482D M3T302589 - M3T30581 - M3T30583 - M3T30681 - M3T30881 - M3T30981 - M3T32588 - M3T32589 - M3T32591 - M3T32592 - M3T32593 M3T32782D - M3T33182 - M3T33281 - M3T33282 - M3T3586D - M3T38082 - M3T38181 - M3T38381 - M3T38481 - M3T38581 - M3T38682 M3T388682 - M3T38881 - M3T38881A - M3T38881B - M3T38881C - M3T38882 - M3T38882A - M3T38882B - M3T38882C - M3T38883 M3T38884 - M3T38885 - M3T38981 - M3T38982 - M3T39385 - M3T39481 - M3T39523 - M3T39981 - M3T4010081 - M3T41081 - M3T41083 M3T41088 - M3T41181 - M3T41185 - M3T41186 - M3T41282 - M3T41285 - M3T41681 - M3T42781 - M3T42881 - M3T43381 - M3T43481 M3T43581 - M3T48181 - M3T49381 - M3T49581 - M3T49585 - M3T49781 - M3T70081 - M3V38881 - M3V38882 - M3Y24482 - 1368852 901286806 **Nissan-Datsun:** 23300D0214 - 23300L2912 - 23300P5113 - 23300P5114 - 23300T5070 - 23300T5072 - 23300W0413 23300W0417 - 23300Y0715 - 2330000H10 - 2330000H11 - 2330001E11 - 2330001E13 - 2330005H11 - 2330041B70 - 2330042L11 2330042L13 - 2330042L14 - 2330060510 **Suzuki:** 3110080091 - 3110083010 - 3110083021**APLICAÇÃO / APLICACIÓN / APPLICATION****Hyster:** Empilhadeira c/ motor H45, 60XM, todos c/ partida Mitsubishi - MD. Loader (H45, 60XM Engine). **Hyundai:** Accent, Accent GLS. Excel. Pony. Sonata 2.4, 3.0. Stellar. **Kia:** Sephia GTX 1.5 16V, SLX 1.6 8V, a partir de 94. Sportage c/ motor OHC 16V à gasolina. **Mazda:** 323 1.3, 1.5. B2000, B2200. MX 5 (Miata) 1.6, 1.8. Xedos 1.6. **Mitsubishi:** 4G15, 4G32, 4G62, 4G92. Carisma. Celeste. Celeste c/ motor GP 25/30, todos c/ partida Mitsubishi MD. Colt. Galant 1.6, 1.8, 2.0. Galant c/ motor GP 25/30, c/ partida Mitsubishi MD. L300 1.6, 1.8, 2.0, 2.4. Lancer 1.2, 1.3, 1.5, 1.8. Sapporo c/ motor GP 25, 30, todos c/ partida Mitsubishi MD. Space Wagon 1.8, 2.0. Starion. Starion c/ motor GP 25, 30, todos c/ partida Mitsubishi MD. Tredia. Tredia c/ motor GP 25, 30, todos c/ partida Mitsubishi MD. **Nissan-Datsun:** Z24, NA20. **Suzuki:** Samurai. Sidekick ano 94. SJ410, SJ413. Vitara 1.6 16V.**0451**T9 | SPL6 | CW
Fam. 80**ORIGINAL****Bosch:** 9001336223
Femsa: 1706115
Italacciai: SD427**MOTOR****Femsa:** MTA12P19 - MTA1219 - MTA1237 - MTA1238 - MTA1239 - MTA1243 - MTV124 - MTV126 - MTV128
Italacciai: MTA01219**APLICAÇÃO / APLICACIÓN / APPLICATION****DAF:** 55, 66.
Renault: R4, R4 F6, R5, R6.
Seat: 127 (0.9).
Talbot: 1100, 1200.

0453



T8 | SPL6 | CCW
Fam. 80

ORIGINAL

Bosch: 9001336203
Femsa: 9328
Italacciai: SD119
Lucas Indiel: 223254

MOTOR

Italacciai: MTA1201

APLICAÇÃO / APLICACIÓN / APPLICATION

Ebro: Siata.
Fiat: 600.
Seat: 600, 600 D.

0454



T10 | SPL3 | CW
Fam. 20

ORIGINAL

Lester: 3601 - 3725 - 3741 - 3742 - 3764 - 6305 - 6343 - 6346 - 6541
Lucas Indiel: 223659
Remy: S5894

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Silverado 1981 c/ partida Delco Remy.

0455



T10 | SPL12 | CW
Fam. 6

ORIGINAL

Bosch: 1987BE0014
Ford: E6EF11350AA - E6FZ11350A
Lester: 3196

MOTOR

Ford: E3FZ11002A - E6EF11001AA - E6FZ11002A

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort GL 1985 L4 1.9 gas. Escort GL 1987 L4 1.9 gas. Escort GL 1988 L4 1.9 gas. Escort GT 1986 L4 1.9 gas. Escort GT 1987 L4 1.9 gas. Escort GT 1988 L4 1.9 gas. Escort GT 1989 L4 1.9 gas. Escort GT 1990 L4 1.9 gas. Escort L 1985 L4 1.9 gas. Escort L 1986 L4 1.9 gas. Escort LX 1986 L4 1.9 gas. Escort LX 1988 L4 1.9 gas. Escort LX 1989 L4 1.9 gas. Escort LX 1990 L4 1.9 gas. Escort Pony 1987 L4 1.9 gas. Escort Pony 1988 L4 1.9 gas. Escort Pony 1989 L4 1.9 gas. Escort Pony 1990 L4 1.9 gas.
Mercury: Lynx XR3 1986 L4 1.9 gas. Lynx XR3 1987 L4 1.9 gas.

0458



T9 | SPL6 | CCW
Fam.17

ORIGINAL

Lucas Indiel: 221192
Paris-Rhone: 54457

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: 2 CV, AMI 6, C2, C3

0459T10 | SPL3 | CW
Fam. 35**ORIGINAL**

Bosch: 1987BE0015
Lucas: 35257824
Lucas Indiel: 227824 - 35257707
Nippondenso: 280996200

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Peugeot: Pick-up 504 diesel 1.3 Ton.

0460T10 | SPL10 | CW
Fam.15**ORIGINAL**

Bosch: 2006209431
Italacciai: SD350 - SD354
Lester: 16752
Lucas Indiel: 223256

MOTOR

Bosch: 0001359021 - 0001362081 - 0001362602 - 0001362603 - 0001362606 - 0001362607

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Granada 2.5 D, Sierra 2.3 D.
Peugeot: 404 D, 504 D, 505 D, 604 TD.
Talbot: Tagora TD.

0461T10 | SPL9 | CW
Fam.19**ORIGINAL**

Italacciai: SD804
Lucas Indiel: 223664 - 227336
Paris-Rhone: 105325

MOTOR

Italacciai: D11E191
Paris-Rhone: D11E191

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 504 D, 505 D, 604 TD.
Talbot: Tagora D.

0462T9 | SPL9 | CW
Fam.17**ORIGINAL**

Lucas Indiel: 227336 - 35257336

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Peugeot: Peugeot.

0463



ORIGINAL

Bendix: 281025 - 293422
Ducellier: 73893
Italacciai: SD040
Lucas Indiel: 227344
Paris-Rhone: 103790 - 97584
Valeo: NE563 - NE584

MOTOR

Ducellier: 6020 - 6020E - 6020F - 6035 - 6035F - 6081 - 6081E - 6081F

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: Dodge 1500.
Fenwick: Lift 105, NJ403, TJ403.
Peugeot: 404, 404/8, J7, 504.
Saxby: Chariot Pac/Vac.

0467



ORIGINAL

Bosch: 1987BE0040
Lucas Indiel: 227783 - 228133 - 35257521 - 35257783 - 35258133

MOTOR

Lucas Indiel: 35258340

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort Guarujá c/ partida Indiel (Argentino). Escort GL. Guia 1.6 e 1.8.
Renault: Clio c/ partida Lucas Indiel.
Volkswagen: Gacel GL, GS, Carat. Gol. Senda. Santana.

0468



ORIGINAL

Bosch: 1987BE0016
Lucas Indiel: 227785 - 228139 - 35257525 - 35258139

MOTOR

Lucas Indiel: 35258380

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: CL3 1.6 (Argentino). Fuego c/ motor 2000 (Argentino e Brasileiro). Linea 21 2.2. Traffic 2.2. 21 2000, R 9, 11, 12, 18, RFS, 19 (1.6). 21GTX.

0469



ORIGINAL

Lucas Indiel: 228134 - 35257650 - 35258393

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Sierra L e Ghia 1.6 c/ partida Indiel.
Volkswagen: Apollo Classic.

0474T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** 9001066239**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****0475**T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** 1006209547 - 1006209554 - 9001066242 - 9001066247 - 9001066248 - 9001066476 - 9001690111
Lester: 17148 - 17149 - 17236 - 17237 **Lucas:** TMB554
Lucas Indiel: 223259**MOTOR****Bosch:** 0001107033 - 0001108042 - 0001108054 - 0001108063 - 0001108065 - 0001108100 - 0001108108 - 0001108115 - 0001108117
0001108129 - 0001108131 - 0001108145 - 0001109009 - 0001110011 - 0001110028 - 0001110041 - 0001110042 - 0001110111
0001115035**APLICAÇÃO / APLICACIÓN / APPLICATION****Audi:** A3, A6 1.6, 1.8, 2.0.
BMW: 316, 316i, 318, 318i, 320i, 325i, 518, 518i, 520, 520i, 523i, 525, 525i, 528i, 728i. M3. 325i.
Ford: Laser, Meteor, Transit 1.6, 2.0. VL c/ odore.
Jaguar: Daimler, Sovereign 3.6.
Land Rover: Defender 2.5.
Lombardini: 9LD 625. **Mazda:** 323 1.3, 1.5, 626/EGi.
Nissan-Datsun: Skyline Australian Bosch Electrics. **Toyota:** Corolla.**0480**T10 | SPL12 | CW
Fam. 39**ORIGINAL****Lester:** 16608 - 17647 - 18264
Lucas: TMB148 - 54247393 - 54268139 - 54290585**MOTOR****Lucas:** 27500A/J - 27504A/B - 27506A/D - 27507A/B - 27511A - 27516A/D - 27528A/D - 27553A/D - 27554A/B - 27562A/B**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Cargo séries, D, K séries.**0482**T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** F000AL1516 - F000AL1534 - F000AL1698 - F000AL1700 - 1006209503 - 1006209504 - 1006209506 - 1006209509 - 1006209513
1006209526 - 1006209528 - 1006209530 - 1006209531 - 1006209536 - 1006209548 - 1006209563 - 1006209570 - 1006209572
1006209573 - 1006209582 - 1006209619 - 1006209685 - 1006209693 - 1006209701 - 1006209705 **Fiat:** 9941314
General Motors: 90273737 **Italacciai:** SD437 **Lester:** 16401 - 16408 - 16619 - 16952 - 16956 - 16980 - 17011 - 17013 -
17039 - 17124 - 17135 - 17140 17157 - 17163 - 17164 - 17165 - 17225 - 17406 - 17407 - 17408 - 17508 - 17576 - 17664 - 17699
Lucas: TMB455 - TMB570 **Lucas Indiel:** 223261 **Volkswagen:** 02A911023 - 049911335A**MOTOR****Bosch:** 0001108001 - 0001108002 - 0001108003 - 0001108007 - 0001108009 - 0001108010 - 0001108011 - 0001108012 - 0001108016
0001108017 - 0001108018 - 0001108019 - 0001108022 - 0001108023 - 0001108024 - 0001108026 - 0001108027 - 0001108028
0001108029 - 0001108030 - 0001108031 - 0001108035 - 0001108038 - 0001108043 - 0001108044 - 0001108047 - 0001108048
0001108051 - 0001108052 - 0001108053 - 0001108056 - 0001108061 - 0001108062 - 0001108064 - 0001108072 - 0001108073
0001108074 - 0001108078 - 0001108079 - 0001108080 - 0001108081 - 0001108085 - 0001108086 - 0001108088 - 0001108089
0001108090 - 0001108093 - 0001108098 - 0001108101 - 0001108102 - 0001108107 - 0001108112 - 0001108113 - 0001108120
0001108124 - 0001108125 - 0001108126 - 0001108130 - 0001108136 - 0001108143 - 0001108148 - 0001108149 - 0001108150
0001108153 - 0001110012 - 0001110022 - 0001110023 - 0001110027 - 0001110029 - 0001110030 - 0001110045 - 0001110046
0001110048 - 0001110049 - 0001110052 - 0001110100 - 0001110101 - 0001110106 - 0001110107 - 0001110122 - 0001110128
0001112005 - 0001112007 - 0001112008 - 0001112013 - 0001112015 - 0001112021 - 0001112027 - 0001112028 - 0001112029
0001113001 - 0001113004 - 0001113007 - 0001113013 - 0001114003 - 0001114015 - 0001114016 - 0001114004 - 0001208501

0001208507 - 0001208510 - 0001208515 - 0001208516 - 0001208517 - 0001208518 - 0001208528 - 0001208705 - 0001208707
 0001208709 - 0001208710 - 0001208711 - 0001208713 - 0001208714 - 0001208717 - 0001211500 - 0001211501 - 0001211502
 0001211503 - 0001211504 - 0001211505 - 0001211510 - 0001211514 - 0001211525 - 0001211536 - 9000333104 - 9000333106
 9000333109 - 9000333114 - 9000333117

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: 145 1.3, 155, 164, 33, 75, 90. Alfa 164 (2.0), 164 (3.0), 33 (1.3, 1.5, 1.6), 75 (2.0), 90 (2.0). **Audi:** 100, 100INJ, 200, 80, 80 (1.6), 80 (1.8), 80 (1.9), 80D, 80INJ, 80TD, 90, 90D, Quattro, Coupe (1.6), 80, 80 Quattro, 90, 100, 200. Coupe Custom 1984 L5 2.2 gas. Coupe Custom 1985 L5 2.2 gas. Coupe Deluxe 1984 L5 2.2 gas. Coupe GT 1986 L5 2.2 gas. Quattro Sport 1985 L5 2.2 gas. **BMW:** 325E, 325i, 525E, 90, 900, 900INJ, 900 Turbo, 900 Turbo 16, 9000. **Citroën:** AX, BX, BX14, BX16, LNA II, Visa, Visa 10, Visa 11, Visa 14 ZX 1.9i, 2.0i a partir de 07/93. ZX diesel. **Eagle:** Premier LX 1988 L4 2.5 gas. Premier LX 1989 L4 2.5 gas. **Fiat:** 1000, Marea ELX 1.9 JTD, Marea Weekend ELX 1.9 JTD, Palio EX/ELX Turbodiesel, Palio SX 1.7 Turbodiesel, Palio Weekend ELX Turbodiesel, Panda 750, Panda 1000, Siena EX/ELX Turbodiesel, Stilo 1.9 JTD, Strada 1.7 Turbodiesel, Uno 45. **Ford:** Capri, Capri 2.3, Granada, Granada 2.0, 2.3, 2.4, 2.8, 2.9, Scorpio, Scorpio 2.4, 2.8, 2.8 INJ, 2.9, 2.9 4x4, Sierra 2.0, 2.3, 2.3 INJ, 2.8, 2.8 4x4, 2.9. **General Motors:** Corsa 1.0, 1.4 c/ partida Bosch, Omega Suprema 2.2, 3.0, Omega 3.0, 4.1, Silverado 4.1. **Jeep:** 4 cil, Cherokee Chief 1986 L4 2.5 gas, Cherokee Chief 1987 L4 2.5 gas, Cherokee Chief 1988 L4 2.5 gas, Cherokee Laredo 1986 L4 2.5 gas, Cherokee Laredo 1987 L4 2.5 gas, Cherokee Laredo 1988 L4 2.5 gas, Cherokee Laredo 1989 L4 2.5 gas, Cherokee Pioneer 1986 L4 2.5 gas, Cherokee Pioneer 1987 L4 2.5 gas, Cherokee Pioneer 1988 L4 2.5 gas, Cherokee Pioneer 1989 L4 2.5 gas, Comanche Chief 1987 L4 2.5 gas, Comanche Chief 1988 L4 2.5 gas, Comanche Custom 1986 L4 2.5 gas, Comanche Laredo 1987 L4 2.5 gas, Comanche Laredo 1988 L4 2.5 gas, Comanche Pioneer 1987 L4 2.5 gas, Comanche Pioneer 1988 L4 2.5 gas, Comanche Pioneer 1989 L4 2.5 gas, Comanche Pioneer 1990 L4 2.5 gas, Comanche Pioneer 1991 L4 2.5 gas, Comanche X 1986 L4 2.5 gas, Comanche XLS 1986 L4 2.5 gas, Wagoneer Limited 1986 L4 2.5 gas, Wagoneer Limited 1987 L4 2.5 gas, Wrangler Islander 1989 L4 2.5 gas, Wrangler Islander 1990 L4 2.5 gas, Wrangler Islander 1991 L4 2.5 gas, Wrangler Laredo 1987 L4 2.5 gas, Wrangler Laredo 1988 L4 2.5 gas, Wrangler S 1988 L4 2.5 gas, Wrangler S 1991 L4 2.5 gas, Wrangler S 1992 L4 2.5 gas, Wrangler S 1993 L4 2.5 gas, Wrangler Sahara 1988 L4 2.5 gas, Wrangler Sahara 1989 L4 2.5 gas, Wrangler Sahara 1990 L4 2.5 gas, Wrangler Sahara 1991 L4 2.5 gas, Wrangler Sport 1987 L4 2.5 gas, Wrangler Sport 1988 L4 2.5 gas. **Lancia:** Thema (8.32), Y10 1.0, 1.1 Touring. **Mercedes Benz:** 190, 190E, 200, 230. **Opel:** Ascona diesel, Ascona C, Ascona C20, Kadett E, Kadett diesel, Omega 1.8, 2.0. **Peugeot:** 106, 205, 305, 309, 405, 505, 405 DL 1989 L4 1.9 gas, 405 DL 1990 L4 1.9 gas, 405 DL 1991 L4 1.9 gas, 405 MI16 1989 L4 1.9 gas, 405 MI16 1990 L4 1.9 gas, 405 MI16 1991 L4 1.9 gas, 405 S 1989 L4 1.9 gas, 405 S 1990 L4 1.9 gas, 405 S 1991 L4 1.9 gas. **Pontiac:** Lemans Aerocoupe 1988 L4 1.6 gas, Lemans Aerocoupe YL 1988 L4 1.6 gas, Lemans SE 1988 L4 1.6 gas. **Renault:** Alliance DL 1985 L4 1.7 gas, Alliance DL 1986 L4 1.7 gas, Alliance L 1985 L4 1.7 gas, Alliance L 1986 L4 1.7 gas, Alliance Limited 1985 L4 1.7 gas, Encore Electronic 1986 L4 1.7 gas, Encore GS 1985 L4 1.7 gas, Encore GS 1986 L4 1.7 gas, Encore LS 1985 L4 1.7 gas, Encore LS 1986 L4 1.7 gas, Encore S 1985 L4 1.7 gas, Encore S 1986 L4 1.7 gas, R11, R18, R18 Turbo, R9, Trafic. **Saab:** 90, 900, 900 Turbo 16V, 9000. **Seat:** Arosa 1.4, Ibiza 1.0. **Talbot:** Horizon GT, Solara 1.6. **Volkswagen:** Derby c/ partida Bosch (Alema), Fox GL 1987 L4 1.8 gas, Fox GL 1988 L4 1.8 gas, Fox GL 1989 L4 1.8 gas, Fox GL 1990 L4 1.8 gas, Fox GL 1991 L4 1.8 gas, Fox GL 1992 L4 1.8 gas, Fox GL 1993 L4 1.8 gas, Fox GL Sport 1989 L4 1.8 gas, Fox GL Sport 1990 L4 1.8 gas, Gol c/ partida Bosch (Alema), Golf 1.1, 1.3 c/ partida Bosch (Alema), Jetta 1.3 c/ partida Bosch (Alema), Kombi c/ partida Bosch (Alema), Passat 1.6, 1.8, c/ partida Bosch (Alema), Polo 1.0, 1.3 diesel c/ partida Bosch (Alema), Quantum Custom 1982 L4 1.7 gas, Quantum Custom 1983 L4 1.7 gas, Quantum Custom 1983 L5 2.2 gas, Quantum DLX 1982 L4 1.7 gas, Quantum DLX 1983 L4 1.7 gas, Quantum DLX 1983 L5 2.2 gas, Quantum DLX 1985 L4 1.8 gas, Quantum DLX 1986 L5 2.2 gas, Quantum DLX 1987 L5 2.2 gas, Quantum GL 1988 L5 2.2 gas, Quantum GL Custom 1984 L5 2.2 gas, Quantum GL Custom 1985 L5 2.2 gas, Quantum GL Custom 1986 L5 2.2 gas, Quantum GL Custom 1987 L5 2.2 gas, Quantum GL Deluxe 1984 L5 2.2 gas, Quantum Syncro 1986 L5 2.2 gas, Quantum Syncro 1987 L5 2.2 gas, Quantum Syncro 1988 L5 2.2 gas, Santana c/ partida Bosch (Alema), Scirocco c/ partida Bosch (Alema), Station Wagon 1.6 diesel (USA) c/ partida Bosch (Alema), Transporter 1.6 diesel c/ partida Bosch (Alema), Voyage c/ partida Bosch (Alema). **Volvo:** 740 2.0, 2.2, 2.3.

0485



T11 | SPL12 | CW
Fam. 40

ORIGINAL

Lucas: TMB118 - 54243741 - 54246741

MOTOR

Lucas: 26284A/E - 26342A/B - 26342D/L

APLICAÇÃO/APLICACIÓN/APPLICATION

Valmet: 500, 542, 700, 900, 912, 1100. Valmet.

0486



T10 | SPL12 | CW
Fam. 40

ORIGINAL

Lester: 16669 - 16984 - 17648 - 17653 - 18262
Lucas: TMB121 - TNB169 - 54247389 - 54268142 - 60600038
Lucas Indiel: 223262

MOTOR

Lucas: 26233K/M - 26286F/J - 26320D/J - 26335A - 26348A/D - 270508 - 27419A/D - 27436A - 27443A - 27449A/D - 27462A/B - 27508A/D - 27509A/B - 27533A/E - 27543A/D - 27545A/B - 27546A/B - 27551A/B - 27552A/B - 27556A - 27558A/E - 27575

APLICAÇÃO/APLICACIÓN/APPLICATION

Austin: Hire Car FL2, Taxi FX4, Morris 1100.
Bedford: Caminhão, 3.5 Ton Kamyon, TJ, TK, TL séries.
Chrysler: Dodge Ranger KC, VC, KCF, DKC, DKCF, DVC, KCF, VC, WC.
Dodge: Caminhão, DKC, DKCF, DVC, KC, KCF, VC.
Lancer: 300 séries, PD III A.
Leyland: FG, FM Range.

0488T9 | SPL12 | CW
Fam. 39**ORIGINAL****Lucas:** TMB135 - 54263382**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat Romania:** 445 DT, SM, SV, V, 550, 550 DT.**0492**T10 | SPL3 | CW
Fam. 35**ORIGINAL****Lucas Indiel:** 227816 - 35257816**MOTOR****Lucas:** 35256424 - 35257655 - 35258670**APLICAÇÃO / APLICACIÓN / APPLICATION****John Deere (SLC):** Trator 6300 c/ partida Lucas.
Mercedes Benz: 190E. 200. 230.**0495**T10 | SPL6 | CW
Fam. 37**ORIGINAL****Chrysler:** 4106093 - 4145978 **Fiat:** 4091920 - 4106093 - 4145978 **Lester:** 3257 - 3258**MOTOR****Chrysler:** 40911920 - 4091950 - 4111855 - 4145359 - 4240449**APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Cordoba Crown 1980 L6 3.7 gas. Cordoba Crown 1980 V8 5.2 gas. Cordoba LS 1980 L6 3.7 gas. Cordoba LS 1981 L6 3.7 gas. Cordoba LS 1981 V8 5.2 gas. Cordoba LS 1982 L6 3.7 gas. Cordoba LS 1982 V8 5.2 gas. Lebaron Medallion 1978 V8 5.9 gas. Lebaron Medallion 1979 V8 5.9 gas. Lebaron Medallion 1980 L6 3.7 gas. Lebaron Medallion 1980 V8 5.2 gas. Lebaron Medallion 1981 L6 3.7 gas. Lebaron Medallion 1981 V8 5.2 gas. Lebaron Salon 1979 V8 5.9 gas. Lebaron Salon 1980 L6 3.7 gas. Lebaron Salon 1980 V8 5.2 gas. Lebaron Salon 1981 L6 3.7 gas. Lebaron Salon 1981 V8 5.2 gas. Lebaron Special 1981 L6 3.7 gas. Lebaron Special 1981 V8 5.2 gas. Lebaron Town and Country 1981 L6 3.7 gas. New Yorker Brougham 1978 V8 5.9 gas. New Yorker Brougham 1978 V8 6.6 gas. New Yorker Brougham 1978 V8 7.2 gas.**Dodge:** Charger Special Edition 1978 V8 5.9 gas. Charger Special Edition 1978 V8 6.6 gas. Diplomat Medallion 1978 V8 5.9 gas. Diplomat Medallion 1979 V8 5.9 gas. Diplomat Medallion 1980 L6 3.7 gas. Diplomat Medallion 1980 V8 5.2 gas. Diplomat Medallion 1981 L6 3.7 gas. Diplomat Medallion 1981 V8 5.2 gas. Diplomat Medallion 1982 L6 3.7 gas. Diplomat Medallion 1982 V8 5.2 gas. Diplomat Medallion 1983 L6 3.7 gas. Diplomat Medallion 1983 V8 5.2 gas. Diplomat Salon 1979 V8 5.9 gas. Diplomat Salon 1980 L6 3.7 gas. Diplomat Salon 1980 V8 5.2 gas. Diplomat Salon 1981 L6 3.7 gas. Diplomat Salon 1981 V8 5.2 gas. Diplomat Salon 1982 L6 3.7 gas. Diplomat Salon 1982 V8 5.2 gas. Diplomat Salon 1983 L6 3.7 gas. Diplomat Salon 1983 V8 5.2 gas. Diplomat Salon 1984 V8 5.2 gas. Diplomat Salon 1985 V8 5.2 gas. Diplomat Salon 1986 V8 5.2 gas. Diplomat Salon 1987 V8 5.2 gas. Diplomat SE 1984 V8 5.2 gas. Diplomat SE 1985 V8 5.2 gas. Diplomat SE 1986 V8 5.2 gas. Diplomat SE 1987 V8 5.2 gas. Diplomat Special 1981 L6 3.7 gas. Diplomat Special 1981 V8 5.2 gas. Diplomat Sport 1981 L6 3.7 gas. Diplomat Sport 1981 V8 5.2 gas. Magnum XE 1978 V8 5.9 gas. Magnum XE 1978 V8 6.6 gas. Magnum XE 1979 V8 5.9 gas. Monaco Brougham 1978 L6 3.7 gas. Monaco Brougham 1978 V8 5.9 gas. Monaco Brougham 1978 V8 6.6 gas. Monaco Brougham 1978 V8 7.2 gas. Monaco Crestwood 1978 V8 5.9 gas. Monaco Crestwood 1978 V8 6.6 gas.**Plymouth:** Fury Salon 1978 L6 3.7 gas. Fury Salon 1978 V8 5.9 gas. Fury Salon 1978 V8 6.6 gas. Fury Salon 1978 V8 7.2 gas. Fury Sport 1978 L6 3.7 gas. Fury Sport 1978 V8 5.9 gas. Fury Sport 1978 V8 6.6 gas. Fury Sport Suburban 1978 V8 5.9 gas. Fury Sport Suburban 1978 V8 6.6 gas. Fury Suburban 1978 V8 5.9 gas. Fury Suburban 1978 V8 6.6 gas. Gran Fury Salon 1980 L6 3.7 gas. Gran Fury Salon 1980 V8 5.2 gas.

0496T9 | SPL10 | CW
Fam.15**ORIGINAL**

Bosch: 9001083618 - 9002453076
Lucas Indiel: 223265

MOTOR

Bosch: 9000083069 - 9002453078

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão TX1600 D, 1800 D c/ MWM 229.4 (a partir de 10/88).
John Deere (SLC): Trator série 7000, 7200 Turbo c/ motor MWM TD 229.6
Müeller: Trator TR62, RT82 (MWM 229.3) a partir de 01/81.
MWM: Motor D229-3 a partir de 08/85.
Valmet: Trator 68, 68 Cafeeiro, 68 Especial a partir de 08/85.
Yanmar: Micro Trator TC11 e TC11 Super c/ partida Bosch JF.

0497T10 | SPL10 | CW
Fam.14**ORIGINAL**

Bosch: 2006209414 - 2006209444 - 9002453077 **Lester:** 16563 - 17309 **Lucas:** TNB408 **Lucas Indiel:** 222495

MOTOR

Bosch: F006AL0602 - 0001359090 - 9000083071 - 9000083075 - 9000083076 - 9000453075 - 9000453076

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: Trator 580H/SH/SH 4X4 (Cummins 433.9) a partir de 04/94 c/ partida Bosch JF. **Cummins:** Cummins c/ partida Bosch JF 10D.
Ford: Cargo com motor Cummins. F4000 ano 98. **John Deere (SLC):** HD900, 1000, JD300, 310, 350, 400, MD925, 930, 932, 935, 940.
 John Deere 1020, 1030, 1040, 1065, 1075, 1085, 1120, 1130, 1140, 1530, 1630, 1640, 1830, 1840, 2040, 2140, 2150, 2240, 2350, 2550, 2750,
 2940, 2950, 820, 830, 840, 920, 968, 969, 970, 975, JD300, JD310, JD350, MD330, c/ partida Bosch JF. **Komatsu:** Retroescavadeira PC150
 modelo 3 (Cummins 6BT 5.9) a partir de 04/93. **Mercedes Benz:** L1113, L1116, L1117, L1316, L1317, L1516, LA1113, LA1117, LP1219 c/
 partida JF e motor Cummins 6BT, 5.9 lts. LP1419 c/ partida JF e motor Cummins 6BT, 5.9 lts. MBL1319 c/ partida JF e motor Cummins 6BT,
 5.9 lts. **Perkins:** 4, 6 cil. **Valmet:** Trator série 1180 (Cummins 6B 5.9 a partir de 08/90). **Volkswagen:** Caminhão 16200 c/ motor Cummins.
Zanello: Trator c/ motor MWM e Cummins.

0498T8 | SPL10 | CW
Fam. 50**ORIGINAL**

Isuzu: 8941258890
Lester: 16245 - 16880 - 16883
Nippondenso: 0283003570 - 0283003571 - 0283004410

MOTOR

Nippondenso: 1280001310 - 1280001311 - 1280002170 - 1280004670 - 1280004671

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Corolla. Starlet.

0499T8 | SPL10 | CW
Fam. 47**ORIGINAL**

Hitachi: 211445504
Lester: 16774 - 16805 - 16992
Nissan-Datsun: 23312D0100

MOTOR

Hitachi: S114319 - S114320 - S114320A - S114348 - S114348A - S114376 - S1143766B - S114389 - S114389A - S114390 - S114390A
 S114391 - S114391A - S114413 - S114413A - S114426 - S114603 - S114604 - S114607 - S114607A - S114607C
Nissan-Datsun: 23300D0100 - 23300D0200 - 23300D0220 - 23300D1700 - 23300V5202 - 23300W0402 - 23300W0403 - 2330001E00
 2330003E00 - 2330006E00 - 2330018C00 - 2330018C01 - 2330018C03 - 2330057M00 - 2330057M05 - 2330080W00

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Bluebird 1.6, 1.8, 1.8 Turbo. Laurel 2.0. Prairie 1.8. Stanza 1.6, 1.8. Urvan 2.0. Z20, Z22.

0505T10 | SPL6 | CW
Fam. 20**ORIGINAL**

Bosch: 9001453347
Lucas: TWB254
Volkswagen: TES11350A
Wapsa: 224054

MOTOR

Bosch: 9000453024 - 9000453057
Wapsa: MPB66

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: 1218, 1415, 1418, 1618, 2218, (Ford 6.6 Engine). Cargo 1114, 1117, 1218, 1314, 1317, 1418, 1514, 1517, 1615, 1618, 1619, 2215, 2218, 2218 T, 2319.

0506T10 | SPL3 | CW
Fam. 40**ORIGINAL**

Lucas: TMB103 - 54246663 - 54257675

MOTOR

Lucas: 26233A/J - 26286A/E - 26320A/B

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: Hire Car FL2. Taxi FX4.
Chrysler: Dodge.
Dodge: DKC, DKCF, DVC, KC, KCF, VC.
Lancer: 300 séries, PD III A.

0507T11 | SPL3 | CW
Fam. 39**ORIGINAL**

Lester: 16664
Lucas: TMB108 - 54242044 - 54246729

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Allis Chalmers: ED40.
Bonser: 50 D, 60 D, 70 D, 90 D, 100 D.
David Brown: 580, 770, 880, 990, 1190, 1212.

0509T10 | SPL3 | CW
Fam. 40**ORIGINAL**

Lucas: TMB112 - 54246090 - 54246734 - 54258545 - 60600209
Lucas Indiel: 223268

MOTOR

Lucas: 26234A/J

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: SB, SP, TG, TJ, TK, VAN, VAS. TK disel.
Massey Ferguson: MF487 Colheitadeira/Combine/Cosechadora.

0517



T8 | SPL10 | CCW
Fam. 50

ORIGINAL

Hitachi: 211415504 **Lester:** 16775 - 17057 - 17147 - 17295
Nissan-Datsun: 23312KA050 - 23312M8000 - 233312KA050 **Subaru:** 23300KA270 - 492866401

MOTOR

Hitachi: S114315 - S114316 - S114362 - S114364 - S114418 - S114419 - S114419A - S114-424 - S114424 - S114435 - S114435A - S114435B - S114435E - S114556 - S114556A - S114568 - S114-617 - S114630 - S114-769 - S144-617A **Nissan-Datsun:** 23300KA010 - 23300KA160 - 23300KA270 - 23300KA440 - 23300KA510 - 23300M8000 - 23300M8001 - 23300M8200 - 23300M8201 - 2330070Y00 - 2330070Y01 - 2330074Y00 - 2330085A01 **Subaru:** 23300KA010 - 23300KA270 - 23300KA290 - 429916400 - 429916500 - 429916700 - 429916710

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: 310 Deluxe 1982 L4 1.5 gas. 310 GX 1982 L4 1.5 gas. Cherry 1.0, 1.3, 1.5. E13, E15. Micra, Pulsar. Prairie, Prairie, 1.5. Sentra Classic 1991 L4 1.6 gas. Sentra Classic 1992 L4 1.6 gas. Sentra Classic 1993 L4 1.6 gas. Sentra E 1993 L4 1.6 gas. Sentra E 1994 L4 1.6 gas. Sentra GXE 1993 L4 1.6 gas. Sentra GXE 1994 L4 1.6 gas. Sentra LE 1994 L4 1.6 gas. Sentra SE 1993 L4 1.6 gas. Sentra SE 1994 L4 1.6 gas. Sentra XE 1993 L4 1.6 gas. Sentra XE 1994 L4 1.6 gas. Sunny 1.3, 1.4, 1.5, 1.6, 1.8. **Subaru:** Justy DL 1987 L3 1.2 gas. Justy DL 1988 L3 1.2 gas. Justy DL 1989 L3 1.2 gas. Justy DL 1990 L3 1.2 gas. Justy DL 1991 L3 1.2 gas. Justy DL 1992 L3 1.2 gas. Justy DL 1993 L3 1.2 gas. Justy DL 1994 L3 1.2 gas. Justy GL 1987 L3 1.2 gas. Justy GL 1988 L3 1.2 gas. Justy GL 1989 L3 1.2 gas. Justy GL 1990 L3 1.2 gas. Justy GL 1991 L3 1.2 gas. Justy GL 1992 L3 1.2 gas. Justy GL 1993 L3 1.2 gas. Justy GL 1994 L3 1.2 gas. Justy RS 1989 L3 1.2 gas.

0519



T8 | SPL8 | CCW
Fam. 47

ORIGINAL

Lester: 16732 - 16775 - 17057 - 17147 - 17580
Mitsubishi: M191T26171

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: Cherry. GA13, GA15, G16. Pulsar. Sentra. Sunny.
Subaru: Justy 1.2.

0520



T10 | SPL10 | CW
Fam.100

ORIGINAL

Bosch: F000AL1519 - F000AL1699 - 1006209510 - 1006209516 - 1006209537 - 1006209545 - 1006209566 - 1006209905
Italacciai: SD439 **Lester:** 16405 - 16530 **Lucas:** TMB566 **Lucas Indiel:** 223119

MOTOR

Bosch: 0001107014 - 0001107016 - 0001107027 - 0001107028 - 0001107029 - 0001107041 - 0001108004 - 0001108020 - 0001108033 - 0001108037 - 0001108039 - 0001108040 - 0001108057 - 0001108071 - 0001108082 - 0001108083 - 0001108087 - 0001108106 - 0001108110 - 0001108111 - 0001108121 - 0001108122 - 0001108132 - 0001108139 - 0001108140 - 0001108152 - 0001108155 - 0001110013 - 0001110019 - 0001110069 - 0001110070 - 0001112009 - 0001112012 - 0001112016 - 0001112020 - 0001112033 - 0001113003 - 0001113005 - 0001113009 - 0001114008 - 0001114014 - 0001114017 - 0001114020 - 0001114021 - 0001114022 - 0001208513 - 0001208514 - 0001208521 - 0001208706 - 0001208715 - 0001208718 - 0001211512 - 0001211513 - 0001211515

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Capri 1.6, 2.0. Escort 1.1, 1.3, 1.6, 1.6 D, XR3 e c/ motor Zetec 1.8. Euroline 2.0i. Fiesta 1.0, 1.1, 1.3, 1.4, 1.6 D, XR2. Granada 2.0. Mondeo 1.8i, 2.0i. Mondeo 1.8i, 2.0i Turnier. Orion 1.6, 1.6 D. Scorpio 1.8, 2.0, 2.0i. Sierra 1.3, 1.6, 1.8, 2.0, 2.0i, 2.3.

0522



T10 | SPL3 | CW
Fam. 20

ORIGINAL

Bosch: 1987BE0017
Remy: 1865687

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

0528T12 | SPL10 | CW
Fam.15**ORIGINAL****Bosch:** 2006209466
Lucas Indiel: 223709**MOTOR****Bosch:** 0001362307**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** FT80, 100, 120, 130, 160, 190. Transit 2.5 D, DT.**0529**T9 | SPL6 | CW
Fam.17**ORIGINAL****Bosch:** 9001452090
Wapsa: 224055**MOTOR****Bosch:** 9000452002 - 9000452004
Wapsa: MWB30**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F1000 6 cil. álcool c/ motor CID e partida Wapsa até 03/85. Ranger 6 cil. a álcool c/ motor CID a partir de 03/85 .**0530**T10 | SPL12 | CW
Fam.16**ORIGINAL****Lester:** 16752
Paris-Rhone: 103624**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Peugeot:** 504 D, 505 D, TD, 605 D, TD, J9 D.
Talbot: Tagora D.**0532**T9 | SPL10 | CW
Fam.100**ORIGINAL****Bosch:** 1006209527 **Lester:** 16963 - 16976 **Lucas Indiel:** 223329**MOTOR****Bosch:** 0001108013 - 0001108032 - 0001108045 - 0001108046 - 0001108066**APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Dodge 2.2, 2.5 lts. Laser XE 1986 L4 2.5 gas. Lebaron GTS 1986 L4 2.5 gas. Lebaron GTS 1987 L4 2.2 gas. Lebaron GTS 1988 L4 2.2 gas. Lebaron GTS 1988 L4 2.5 gas. New Yorker Turbo 1988 L4 2.2 gas. Shadow, Spirit, Voyager 2.5, 3.0 V6.**Dodge:** 600 SE 1986 L4 2.5 gas. 600 SE 1987 L4 2.2 gas. 600 SE 1987 L4 2.5 gas. 600 SE 1988 L4 2.2 gas. 600 SE 1988 L4 2.5 gas. Aries LE 1986 L4 2.5 gas. Aries LE 1987 L4 2.2 gas. Aries LE 1987 L4 2.5 gas. Aries LE 1988 L4 2.2 gas. Aries LE 1988 L4 2.5 gas. Aries SE 1986 L4 2.5 gas. Caravan LE 1986 L4 2.2 gas. Caravan LE 1987 L4 2.2 gas. Caravan LE 1987 L4 2.5 gas. Caravan LE 1988 L4 2.5 gas. Caravan SE 1986 L4 2.2 gas. Caravan SE 1987 L4 2.2 gas. Caravan SE 1987 L4 2.5 gas. Caravan SE 1988 L4 2.5 gas. Charger Shelby 1987 L4 2.2 gas. Daytona Pacifica 1987 L4 2.2 gas. Daytona Pacifica 1988 L4 2.2 gas. Daytona Shelby Z 1987 L4 2.2 gas. Daytona Shelby Z 1988 L4 2.2 gas. Dynasty LE 1988 L4 2.5 gas. Lancer 2.5. Lancer ES 1986 L4 2.5 gas. Lancer ES 1987 L4 2.2 gas. Lancer ES 1987 L4 2.5 gas. Lancer ES 1988 L4 2.2 gas. Lancer ES 1988 L4 2.5 gas. Omni Charger 1987 L4 2.2 gas. **Plymouth:** Caravelle SE 1986 L4 2.5 gas. Caravelle SE 1987 L4 2.2 gas. Caravelle SE 1987 L4 2.5 gas. Caravelle SE 1988 L4 2.2 gas. Caravelle SE 1988 L4 2.5 gas. Horizon Turismo 1987 L4 2.2 gas. Reliant LE 1986 L4 2.5 gas. Reliant LE 1987 L4 2.2 gas. Reliant LE 1987 L4 2.5 gas. Reliant LE 1988 L4 2.2 gas. Reliant LE 1988 L4 2.5 gas. Reliant SE 1986 L4 2.5 gas. Voyager LE 1986 L4 2.2 gas. Voyager LE 1987 L4 2.2 gas. Voyager LE 1988 L4 2.5 gas. Voyager SE 1986 L4 2.2 gas. Voyager SE 1987 L4 2.2 gas. Voyager SE 1988 L4 2.5 gas.

0533



T9 | SPL6 | CW
Fam.107

ORIGINAL

Bosch: 1987BE0041 **Femsa:** 106122 **Fiat:** 4141057 **Iskra:** 18900179 **Italacciai:** SD105 - SD106 **Lucas Indiel:** 223270
Magneti-Marelli: 74866151

MOTOR

Fiat: 4085959 - 4085977
Iskra: 10130150
Italacciai: MTD1201 - 04085959
Magneti-Marelli: 63222300 - 63222301 - 63222331

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: 1100D (217D), 1300, 1500, 1500L, 1600S, 1800, 1800B, 2300. 125 Polonês. 1300 (1965), 1500C, 1500L.
Fiat Polsky: 125P.
Zastava: 1300.

0536



T9 | SPL6 | CCW
Fam.108

ORIGINAL

Hitachi: 2108F3500 - 210875002
Lester: 18305
Kawasaki: 590513005

MOTOR

Hitachi: S10861F - S10866

APLICAÇÃO/APLICACIÓN/APPLICATION

Hitachi: S108-116, S108-61, (A, B, C, D, E, F, G).
Kawasaki: 21163-3003 (F, G, YR). 21163-3710, 21163-3711, 21163-5031. SX440, SX550.

0537



T9 | SPL10 | CW
Fam.73

ORIGINAL

Hitachi: 211495007
Lester: 16954

MOTOR

Hitachi: 5114232

APLICAÇÃO/APLICACIÓN/APPLICATION

Volvo: 240, 260, 340, 360.

0538



T10 | SPL10 | CW
Fam.15

ORIGINAL

Bosch: 2006209498 - 2006209533 - 2006209539 - 2006209932

MOTOR

Bosch: 0001366019 - 0001368043

APLICAÇÃO/APLICACIÓN/APPLICATION

Man: 10.136, 12.136, 12.170, 12.192, 14.136, 14.170, 14.192, 16.136.

0539T10 | SPL12 | CW
Fam. 27**ORIGINAL**

Hitachi: 1303ST - 21303500
Lester: 17088 - 17294

MOTOR

Hitachi: S1284 - S1361A

APLICAÇÃO / APLICACIÓN / APPLICATION

New Holland: Trator.
Nissan-Datsun: ED30.

0540T11 | SPL6 | CW
Fam. 11**ORIGINAL**

CBT: 210803708620
Lada: 210803708620
Lucas Indiel: 223271

MOTOR

CBT: 210803708010

APLICAÇÃO / APLICACIÓN / APPLICATION

Lada: 2108. Niva 4x4. Samara.

0541T13 | SPL12 | CW
Fam. 39**ORIGINAL**

Italacciai: SD486
Lucas: TNB167 - 54268140

MOTOR

Italacciai: 27501A

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Transit D.

0545T8 | SPL10 | CW
Fam. 47**ORIGINAL**

Ford: D97Z11350A - SDE311
Lester: 16245
Nippondenso: 0283002100

MOTOR

Ford: D97Z11002A - SAE728 - 868218400
Nippondenso: 0280006090

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier.

0549



T9 | SPL3 | CW
Fam. 72

ORIGINAL

Nippondenso: 0283000891
Toyota: 2801146013

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota

0554



T9 | SPL10 | CW
Fam. 33

ORIGINAL

Hitachi: 211425504 - 211495505
Lester: 16732 - 16991
Nissan-Datsun: 23312M8101

MOTOR

Hitachi: S114317 - S114317A - S114318 - S114318A - S114345 - S114345A - S114345B - S114377 - S114378 - S114378A - S114378B
Nissan-Datsun: 23300M8101 - 23300M8301 - 23300M8501 - 23300M8502 - 2330015A00 - 2330015A05 - 2330015A06

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: 310 Deluxe 1982 L4 1.5 gas. 310 GX 1982 L4 1.5 gas. Cherry automáticos. E16. Micra automáticos. Sunny automáticos. Tsuru.

0555



T12 | SPL19 | CW
Fam. 52

ORIGINAL

Caterpillar: 3T-8754 - 5S-6372
Facet: 10061
Lester: 3872
Remy: 1894221 - 1979835
Ww: 10061

MOTOR

Remy: 10478862 - 1109792 - 1990232 - 1990285

APLICAÇÃO / APLICACIÓN / APPLICATION

Caterpillar: Caterpillar Facet 10061.
General Motors
TCM Equipment Ag: Caterpillar Facet 1006L (12 dentes).

0556



T11 | SPL19 | CW
Fam. 52

ORIGINAL

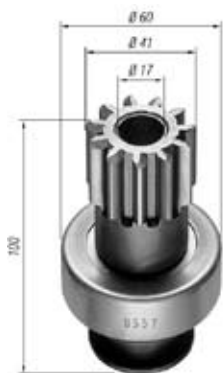
Caterpillar: 2S-3344 - 3T-5341
Facet: 10060
Lester: 3038 - 3956 - 4897 - 4918
Remy: 1894220 - 1946174
Ww: 10060

MOTOR

Remy: 10478862 - 1109792 - 1990232 - 1990285

APLICAÇÃO / APLICACIÓN / APPLICATION

Caterpillar: Caterpillar Facet.
General Motors
TCM Equipment Ag: Caterpillar Facet (11 dentes).

0557T11 | SPL12 | CW
Fam. 40**ORIGINAL****Lucas:** TNB172 - 54268565**MOTOR****Lucas:** 27512A/D**APLICAÇÃO / APLICACIÓN / APPLICATION****Valmet:** Trator 1180, 1280, 885, 985, todos c/ partida Lucas. 505, 605, 705, 805, 905.**0561**T9 | SPL6 | CW
Fam. 27**ORIGINAL****Fiat:** 4988518
Italacciai: SD145
Lester: 17219
UTB: 2130004**MOTOR****Fiat:** 4988513
Italacciai: 04988513**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat Allis:** 450.
Fiat Romania: 450.**0566**T12 | SPL3 | CW
Fam. 45**ORIGINAL****Remy:** D2026 - D2043 - 10498438 - 1875802 - 1875852 - 1877333 - 1877353 - 1932890 - 1951180 - 1965358**MOTOR****Remy:** 1113598 - 1113639 - 1113655 - 1113695 - 1998338 - 1998455**APLICAÇÃO / APLICACIÓN / APPLICATION****Detroit:** Caminhão GM c/ motor 4.53 e partida Delco Remy. Pá-Carregadeira Case c/ motor 4.53 e partida Delco Remy.**0567**T9 | SPL3 | CW
Fam. 45**ORIGINAL****Remy:** D2036 - 10499854 - 1892899 - 1952410**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

0568



T10 | SPL3 | CW
Fam. 45

ORIGINAL

Autolite-Prestolite: EBB168 **Chrysler:** 2525287 **Ford:** C6TZ11350A **Remy:** D2024 - D2025 - D2042 - 10498623 - 1852716 - 1876857
1877355 - 1933471 - 1941119 - 1941157 - 1942950 - 1950058 - 1964127 - 1966931 - 1968355 - 1971707 - 1975046 - 4019393

MOTOR

Ford: C5TF11000B - C6TF11000B - C6TZ11001A - C6TZ11002C C7TF11000A
Remy: 1107214 - 1107234 - 1107249 - 1107268 - 1107290 - 1107291 - 1107382 - 1107503 - 1107511 - 1107512 - 1107515 - 1107533
1107539 - 1107540 - 1107557 - 1107561 - 1107575 - 1107580 - 1107582 - 1107591 - 1107592 - 1107593 - 1107696 - 1107857
1107859 - 1107867 - 1107872 - 1108240 - 1108280 - 1108322 - 1108379 - 1108396 - 1108397 - 1108415 - 1108431 - 1108443
1108447 - 1108449 - 1108476 - 1108493 - 1108632 - 1108634 - 1108644 - 1108648 - 1108649 - 1108667 - 1108696 - 1109023
1109194

APLICAÇÃO/APLICACIÓN/APPLICATION

General Motors: Caminhão D478 c/ partida Delco de 69 a 72.

0570



T11 | SPL9 | CW
Fam. 86

ORIGINAL

Italacciai: SD044
Lucas: TMB266
Lucas Indiel: 223745
Paris-Rhone: 103611
Remy: 96051972

MOTOR

Paris-Rhone: D10E85 - D10E92 - D10E922

APLICAÇÃO/APLICACIÓN/APPLICATION

Peugeot: 205.
Renault: R11 D, R9 D.

0571



T10 | SPL9 | CW
Fam. 47

ORIGINAL

Italacciai: SD335
Lester: 17005
Lucas Indiel: 223315
Paris-Rhone: 99738

MOTOR

Italacciai: D11E172
Paris-Rhone: D11E172

APLICAÇÃO/APLICACIÓN/APPLICATION

Jeep: Cherokee Chief 1986 L4 2.1 diesel. Cherokee Chief 1987 L4 2.1 diesel. Cherokee Laredo 1986 L4 2.1 diesel. Cherokee Laredo 1987 L4 2.1 diesel. Cherokee Pioneer 1986 L4 2.1 diesel. Cherokee Pioneer 1987 L4 2.1 diesel. Comanche Custom 1986 L4 2.1 diesel. Comanche Laredo 1987 L4 2.1 diesel. Comanche Pioneer 1987 L4 2.1 diesel. Comanche X 1986 L4 2.1 diesel. Comanche XLS 1986 L4 2.1 diesel. Wagoneer Limited 1986 L4 2.1 diesel. Wagoneer Limited 1987 L4 2.1 diesel.
Renault: Fuego TD. R18 D, R20 D, R25 D, R30 D.

0572



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 1006209523 - 9003336291
Lester: 17040
Lucas Indiel: 223746

MOTOR

Bosch: 0001218006 - 0001218016 - 0001218021 - 0001218029 - 0001218108 - 0001218109 - 0001218110 - 0001219001 - 0001219007
0001219009

APLICAÇÃO/APLICACIÓN/APPLICATION

Mercedes Benz: 190 D 2.2, 2.5. 200 D, DT. 208 D, 209 D, 210 D, 250 D, DT, 300 D, DT, 308 D, 310 D, 408 D.
Ssangyong: Musso 2.3, 2.5 c/ partida Bosch.

0573T9 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 1006209524 - 6033AD0044 - 9003336280
Lester: 17016 - 17183
Lucas Indiel: 223747

MOTOR

Bosch: 0001218009 - 0001218011 - 0001218026 - 0001218027 - 0001218028 - 0001218135 - 0001218136 - 0001218177

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: CF.
BMW: 324 D, DT, 324TD, 524 D, DT, 524TD, 750 i.
Chrysler: Dodge. Dodge Dakota 2.5 diesel. Jeep Cherokee Sport.
Opel: Omega 2.3 D, 2.3 TD. Rekord 2.3 D, 2.3 TD. Rekord E D, DT. Senator 2.3 TD.
Peugeot: Boxer.
Vauxhall: Carlton D.

0574

T9 | SPL9 | CW

Fam. 98

ORIGINAL

Bendix: 327585 - 331025 - 331032 **Ducellier:** 583277 - 583289 - 583336 - 583347 - 683145
Italacciai: SD047 - SD499 **Lester:** 16756 - 16797
Lucas: TMB265 **Paris-Rhone:** 106140 - 183917
Valeo: NE307 - NE308 - NE603 - 583289 - 583336

MOTOR

Ducellier: 534023A - 534029A - 534031 - 534032 - 534039 - 534042AB - 534043 - 534043AB - 534044 - 534047 - 534054 - 534055
 534057
Italacciai: 534029A

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: AX 10, 11, 14. BX 16. Citroën.
Peugeot: 205, 205 GTI, 305, 405. Peugeot.
Renault: Fuego, R11, R18, R9, Super 5. Renault.

0575T10 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 1006209546
Lester: 17047
Lucas Indiel: 223120

MOTOR

Bosch: 0001110024

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Daytona 3.0 1988 a 1994. Saragata 3.0 1991 a 1993. Voyager 3.0 V6 1986 a 1993
Fiat: Duna, Uno diesel.
Renault: R9, R11 diesel.

0576T8 | SPL10 | CW
Fam. 47**ORIGINAL**

Bosch: 1987BE0042
Lester: 16971
Nippondenso: 0283004390
Remy: 96051972
Suzuki: 3132082010

MOTOR

Nippondenso: 0280009900 - 0280009901
Remy: 96051950 - 96062498
Suzuki: 3110082010 - 3110082011

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Sprint.
Suzuki: Swift 1.3.

0577



T9 | SPL8 | CW
Fam. 31

ORIGINAL

Mitsubishi: M191T31871

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Chrysler
Hillman
IHC
Mitsubishi
Nissan-Datsun

0579



T9 | SPL10 | CCW
Fam. 102

ORIGINAL

Bosch: 0006209543 - 0006209544 - 0006209576 - 0006209596 - 0006209703 - 0006209710 - 0006209918 - 0006209919 - 0006209921
1007010045 **Fiat:** 9944373 **Lester:** 17030 - 17134 - 17222 **Lucas Indiel:** 223274

MOTOR

Bosch: 0001108094 - 0001108095 - 0001108127 - 0001110001 - 0001110002 - 0001110014 - 0001110076 - 0001110077 - 0001110098
0001112003 - 0001114005

APLICAÇÃO/APLICACIÓN/APPLICATION

Seat: Córdoba SXE 1996. Córdoba 1.9 diesel, 1.9 diesel Turbo.
Volkswagen: Cabrio, GTD, GTI. Cabriolet Carat 1991 L4 1.8 gas. Cabriolet Carat 1992 L4 1.8 gas. Cabriolet Classic 1993 L4 1.8 gas. Cabriolet Etienne Aigner 1991 L4 1.8 gas. Corrado SLC 1992 V6 2.8 gas. Corrado SLC 1993 V6 2.8 gas. Corrado SLC 1994 V6 2.8 gas. Corrado V6 1993 V6 2.8 gas. Corrado V6 1994 V6 2.8 gas. Eurovan Camper 1995 L5 2.5 gas. Eurovan CL 1993 L5 2.5 gas. Eurovan CV 1993 L5 2.5 gas. Eurovan CV 1994 L5 2.5 gas. Eurovan GL 1993 L5 2.5 gas. Eurovan GL 1994 L5 2.5 gas. Eurovan GLS 1994 L5 2.5 gas. Eurovan GLS 1995 L5 2.5 gas. Eurovan MV 1993 L5 2.5 gas. Eurovan MV 1994 L5 2.5 gas. Eurovan Transport 1995 L5 2.5 gas. Gol GTI, Golf 1.6, 1.8, diesel, Golf D. Golf GL 1987 L4 1.6 diesel. Golf GL 1988 L4 1.6 diesel. Golf GL 1989 L4 1.8 gas. Golf GL 1990 L4 1.8 gas. Golf GL 1991 L4 1.8 gas. Golf GTI 16-Valve 1989 L4 1.8 gas. Golf GTI 8-Valve 1990 L4 1.8 gas. Golf GTI 8-Valve 1991 L4 1.8 gas. Golf GTI VR6 1995 V6 2.8 gas. Jetta 1.8, diesel, INJ, TD. Jetta Carat 1988 L4 1.8 gas. Jetta Carat 1989 L4 1.8 gas. Jetta Carat 1990 L4 1.8 gas. Jetta D, TD. Jetta Deluxe 1984 L4 1.6 diesel. Jetta Deluxe 1985 L4 1.6 diesel. Jetta Deluxe 1986 L4 1.6 diesel. Jetta Deluxe 1987 L4 1.8 gas. Jetta GL 1986 L4 1.6 diesel. Jetta GL 1988 L4 1.8 gas. Jetta GL 1989 L4 1.6 diesel. Jetta GL 1989 L4 1.8 gas. Jetta GL 1990 L4 1.6 diesel. Jetta GL 1990 L4 1.8 gas. Jetta GL 1991 L4 1.6 diesel. Jetta GL 1992 L4 1.6 diesel. Jetta GLI 16-Valve 1987 L4 1.8 gas. Jetta GLI 16-Valve 1988 L4 1.8 gas. Jetta GLI 16-Valve 1989 L4 1.8 gas. Jetta GLI 1987 L4 1.8 gas. Jetta GLI 1988 L4 1.8 gas. Jetta GLX 1995 V6 2.8 gas. Jetta III GLX 1994 V6 2.8 gas. Jetta III GLX 1995 V6 2.8 gas. Jetta SPORT 1987 L4 1.8 gas. Passat GLS 1993 V6 2.8 gas. Passat GLX 1993 V6 2.8 gas. Passat GLX 1994 V6 2.8 gas. Passat GLX 1995 V6 2.8 gas. Passat GLX 1996 V6 2.8 gas. Passat GLX VR6 1995 V6 2.8 gas. Passat TDI 1996 L4 1.9 diesel. Rabbit L 1984 L4 1.6 diesel. Scirocco 16-Valve 1988 L4 1.8 gas. Sincro. Transporter 2.5 TDI.

0580



T11 | SPL12 | CW
Fam. 27

ORIGINAL

Lucas Indiel: 223751
Nissan-Datsun: 23312J2003

MOTOR

Hitachi: 525131A - 525155D

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: Nissan Datsun, Patrol D. SD33.

0584**ORIGINAL**

Lester: 16791 - 18162
Lucas Indiel: 223755
Mitsubishi: M191T22271 - M191T22871 - M191T23171

MOTOR

Kubota: 1585263011 - 1585263012
Mitsubishi: M2T30481 - M2T42381

APLICAÇÃO / APLICACIÓN / APPLICATION

Kubota: Trator/Tractors.

0591**ORIGINAL**

Lucas: TNB173 - 54290474

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

DAF: 1000 Turbo. Road Runner 5.9.

0594**ORIGINAL**

Fiat: 9956595
Lucas: TMB130 - 54248606
Lucas Indiel: 223763

MOTOR

Lucas: 26372A/B - 26385A/B - 26390A - 26390B/E - 27430A/B

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 480, 480S, 640. Trator.
Fiat Iveco: Cargo (6 cil.) Turbo. Iveco.

0595**ORIGINAL**

Bosch: 1987BE0043 **General Motors:** 96063636 **Lester:** 16874 - 16939 - 17131 - 17146 - 17185 - 17214 - 17217 - 17221 - 17266
 17478 - 17592 **Lucas Indiel:** 223764 **Mazda:** AM1518X25 **Mitsubishi:** MD611211 - M191T12070 M191T12071 - M191T12471 - 12071
Nissan-Datsun: 2331242670 - 233542L70 - 2335442L70 - 2335704E10 **Suzuki:** 3132086030

MOTOR

General Motors: 30001696 **Mazda:** AM1518400 **Mitsubishi:** MD099667 - MD112625 - MD136933 - MD162839 - MD162840 - MD162842
 MD162843 - MD163188 - MD170049 - MD172860 - MD172861 - MD172863 - MD172864 - MD174482 - MD174483 - MD180937 - MD182488
 MD188720 - MD188721 - MOT70281 - MOT70381 - MOT70481 - MOT70681 - MOT70781 - MOT70981 - MOT71181 - MOT71381 - MOT71581
 MOT71681 - MOT72581 - MOT73281 - MOT73381 - MOT77681 - M1M70685 - M1M72086 - M1T70481 - M1T70482 - M1T70483 - M1T70485
 M1T70681 - M1T70685 - M1T70685A - M1T70686 - M1T70687 - M1T71381 M1T71382 - M1T71581 - M1T71681 - M1T72081 - M1T72085
 M1T72086 - M1T72086A - M1T72088 - M1T723281 - M1T72581 - M1T72583 - M1T73281 - M1T73283 - M1T73381 - M1T73383 - M1T74881
 M2T53083 **Nissan-Datsun:** 2330008U10 2330020P10 - 2330020P11 - 2330022P70 - 2330022P71 - 2330041B76 - 2330042L70
 2330050Y10 - 2330050Y11 - 2330050Y12 - 2330057M70 - 2330057M75 - 2330057M90 - 2330065Y10 - 2330077A11 - 2330084A17

APLICAÇÃO / APLICACIÓN / APPLICATION

Hyster: Empilhadeira. **Hyundai:** Elantra. Pony. Sonata, Sonata 2.4, 3.0. Stellar, Tucson. i30. **Jeep:** Eagle 1.6, 1.8, 2.0T. **Mitsubishi:** Eclipse,
 Eclipse 2.0T. Galant 2.0, 2.4, 3.0. Pajero V6 à gasolina. Sigma. Tredia 2.0. 4G63. 4G93. **Nissan-Datsun:** GA15, GA16. **Suzuki:** Sidekick ano 94.
 Vitara.

0596



T10 | SPL8 | CW
Fam. 112

ORIGINAL

Ford: E92Z11350A - E92Z11350B - SDE 335 - SDE 336 - SDE 342 - SDE335 - SDE336 - SDE342 **Lester:** 16900 - 16933 - 16998 - 17132 17176 - 17469 **Mazda:** F21418X25 **Mitsubishi:** M191T12171 - M191T13271 **Nissan-Datsun:** 2335420R10

MOTOR

Ford: E22E18400A - E92Z11002A - FE1H18400 - F02Z11002B - F12Z11002A - F22518400A - SAE770 - SAE781 **Mazda:** E22E18400 FE1H18400 - F2D418400 - F2D418400A - F21418400 - F21418400A - F21418400B - F21418400C **Mitsubishi:** MD318086 - M1M70981 M1M71281 - M1M71481 - M1M72181 - M1M72182 - M1Q71281 - M1T70981 - M1T70981A - M1T70985 - M1T71081 - M1T71281 M1T71281A - M1T71281B - M1T71481 - M1T71481A - M1T71881 - M1T72181 - M1T72181A - M1T72182 - M1T72182A **Nissan-Datsun:** 23300D0511 - 23300D0513 - 2330001Y10 - 2330020R11 - 2330020R91 - 2330030F10 - 2330030F11 - 2330044R10 - 2330044R11 - 2330051E10 - 2330051E11

APLICAÇÃO/APLICACIÓN/APPLICATION

Clark: Empilhadeira Clark CGP25, 30 c/ partida Mitsubishi.
Ford: Probe.
Mazda: 626 2.0, 2.2, Turbo, B 2200 Pick-up, MX 6 2.0, 2.2, Turbo.
Nissan-Datsun: Stanza 2.0 4WD.

0597



T10 | SPL8 | CW
Fam. 112

ORIGINAL

Lester: 16514 - 17006 - 17046 - 17564
Lucas Indiel: 223766
Mitsubishi: M191T12271 - M191T12272

MOTOR

Mitsubishi: M1T74281 - M1T74481 - M1T74482

APLICAÇÃO/APLICACIÓN/APPLICATION

Jeep: 6, 8 cil. Grand Cherokee 95, Cherokee 01/1994, Cherokee 4.0 01/1987 01/92. Wrangler 4.0, 4.2 01/88 a 01/93.
Mitsubishi: Cherokee.

0601



T9 | SPL6 | CW
Fam. 91

ORIGINAL

Fiat: 79081045 - 7984505 - 9961781
Italacciai: SD077
Lester: 18092 - 18093
Magneti-Marelli: 72159801 - 85540151

MOTOR

Magneti-Marelli: 63216731 - 63216741 - 63216831 - 63216896 - 63217126 - 63217148 - 63217154 - 63217188 - 63217226 - 63217410

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: 30, 32, 35, 40 (AR 8). 30AR8, 32AR8, 35AR8, 40AR8.
Fiat: Argenta 2.5 diesel, Argenta D. Campagnola D. Nuova Argenta (diesel). 131 (2.0, 2.5 diesel), 132 (2.0, 2.5 diesel).
Fiat Allis: 4 Apripista, 645, FE12, FE2R, FE14, FE16, FL4C, FL4D, FR20, FR7, FR9. Trattori Serie 46/66.
Fiat Iveco: Caminhão 100, 100.13, 110, 150.17, 150.20, 159.17, 159.20, 314.3, 315.8, 315.23, 50.10, 50.8, 50.9, 55.8, 55.9, 60.10, 60.8, 65.10, 70.10, 70.12, 75.10, 79.10, 79.13, 80, 80.13, 90, 90.13. Daily 28.8, 30.8, 32.8, 35.8, 40.8. Ducato 2.0, 2.5 diesel.
OM: Grinta 28.8, 30.8, 32.8, 35.8.
Seat: 131 D, 131 D 2.5.

0603



T9 | SPL10 | CW
Fam. 36

ORIGINAL

Lucas Indiel: 223277

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Deutz: F4L 913, F5L 913, F6 913.
Fiat: Caminhão F150, F160.
Mercedes Benz: OM 314, OM 352, OM 355 desde 90.

0605T9 | SPL6 | CCW
Fam. 11**ORIGINAL**

Lucas Indiel: 221911
Tria: ZAA911335 - 3143

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Volkswagen: Kombi, Pick-up, Furgão.

0607T12 | SPL4 | CW
Fam. 41**ORIGINAL**

Allis Chalmers: 268757
Lester: 16627
Nippondenso: 0283001780

MOTOR

Nippondenso: 0280004930

APLICAÇÃO / APLICACIÓN / APPLICATION**0608**T9 | SPL6 | CW
Fam. 12**ORIGINAL**

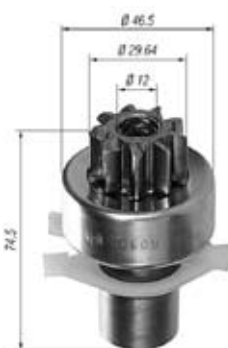
Fiat: 4169960 - 4226442 - 4474695 - 4475032
Italacciai: SD112
Magneti-Marelli: 74827301 - 74855301 - 74871431
Nissan-Datsun: 4169960 - 4226442 - 4474695 - 4475032

MOTOR

Fiat: 4169912 - 4172004 - 4172113 - 4187587 - 4187590 - 4231018 - 4232191 - 4234741 - 4269114
Italacciai: 04187587
Magneti-Marelli: 63224170 - 63224500 - 63224580 - 63224600 - 63224602

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Allis: AD4, FL4, 350, 350DT, 355, 450, 455C, 480.
Fiat Iveco: 40, 40/35, 50, 55, 80, 90, 100, 616, 625, 645, 650, 655, 662.
OM: BI20, 25, BIL10, BM12, 15, DM12, 15.

0609T9 | SPL6 | CW
Fam. 37**ORIGINAL**

Lucas Indiel: 221904
Tria: 116

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Dodge: 1500.

0610



T9 | SPL3 | CW
Fam. 95

ORIGINAL

Bosch: 1987BE0044
Lester: 6407
Lucas Indiel: 223278
Remy: D2047 - 1989214

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Chevrolet: Blazer V6 USA desde 1988.
General Motors: GMC. Motor p/ Empilhadeira Hyster.
Hyster: Empilhadeira Hyster.

0611



T9 | SPL6 | CW
Fam. 95

ORIGINAL

Lester: 6300 - 6407 - 6409 - 6431 - 6443
Remy: D2048 - 10469173 - 10498527

MOTOR

Remy: 9000773

APLICAÇÃO / APLICACIÓN / APPLICATION

Buick: Roadmaster Estate 1994 V8 5.7 gas. Roadmaster Estate 1995 V8 5.7 gas. Roadmaster Limited 1994 V8 5.7 gas. Roadmaster Limited 1995 V8 5.7 gas.
Chevrolet: Camaro Z28 1993 V8 5.7 gas. Camaro Z28 1994 V8 5.7 gas. Caprice Classic 1994 V8 5.7 gas. Caprice Classic 1995 V8 5.7 gas. Caprice LS 1994 V8 5.7 gas.
General Motors: GMC. Motor.
Mercury Marine
Pontiac: Firebird Formula 1993 V8 5.7 gas. Firebird Formula 1994 V8 5.7 gas. Firebird Trans AM 1993 V8 5.7 gas. Firebird Trans AM 1994 V8 5.7 gas. Firebird Trans AM GT 1994 V8 5.7 gas.

0612



T9 | SPL3 | CW
Fam. 95

ORIGINAL

Bosch: 1987BE0045
Lester: 6415 - 6416 - 6418 - 6424
Lucas Indiel: 223279
Remy: D2050 - 10468675 - 10473700

MOTOR

Remy: 10455053

APLICAÇÃO / APLICACIÓN / APPLICATION

Buick: Century Custom 1994 L4 2.2 gas. Century Custom 1995 V6 3.1 gas. Century Special 1994 L4 2.2 gas. Century Special 1994 V6 3.1 gas. Century Special 1995 L4 2.2 gas. Century Special 1995 V6 3.1 gas. Regal Custom 1993 V6 3.1 gas. Regal Custom 1995 V6 3.1 gas. Regal Gran Sport 1995 V6 3.1 gas. Regal Limited 1993 V6 3.1 gas. Skylark Custom 1994 V6 3.1 gas. Skylark Custom 1995 V6 3.1 gas. Skylark Gran Sport 1994 V6 3.1 gas. Skylark Gran Sport 1995 V6 3.1 gas. Skylark Limited 1994 V6 3.1 gas. Skylark Limited 1995 V6 3.1 gas. **Chevrolet:** Beretta GT 1992 L4 2.2 gas. Beretta GT 1993 V6 3.1 gas. Beretta GTZ 1993 V6 3.1 gas. Beretta Z26 1994 V6 3.1 gas. Beretta Z26 1995 V6 3.1 gas. Cavalier LS 1995 L4 2.2 gas. Cavalier RS 1992 L4 2.2 gas. Cavalier RS 1993 V6 3.1 gas. Cavalier RS 1994 L4 2.2 gas. Cavalier RS 1994 V6 3.1 gas. Cavalier VL 1992 L4 2.2 gas. Cavalier VL 1994 L4 2.2 gas. Cavalier Z24 1993 V6 3.1 gas. Cavalier Z24 1994 V6 3.1 gas. Corsica LT 1992 L4 2.2 gas. Corsica LT 1993 V6 3.1 gas. Lumina LS 1995 V6 3.1 gas. Monte Carlo LS 1995 V6 3.1 gas.
General Motors: Motor p/ Empilhadeira Hyster XM50. Pick-up Sonoma 2.2 lts. Importada. Pick-up S10 Importada 2.2 modelo LS ano 94 c/ motor 4cil, GMC Sonoma 2.2 lts.
Hyster: Empilhadeira Hyster XM50. **Isuzu:** Pick-up Normal Cab 1993 V6 3.1 gas. Pick-up Normal Cab 1994 V6 3.1 gas.
Oldsmobile: Achieva S 1994 V6 3.1 gas. Achieva S 1995 V6 3.1 gas. Achieva SC 1994 V6 3.1 gas. Achieva SC 1995 V6 3.1 gas. Achieva SL 1994 V6 3.1 gas. Achieva SL 1995 V6 3.1 gas. Ciera Crusier SL 1995 V6 3.1 gas. Ciera SL 1995 L4 2.2 gas. Ciera SL 1995 V6 3.1 gas.
Pontiac: Grand AM GT 1994 V6 3.1 gas. Grand AM GT 1995 V6 3.1 gas. Grand AM SE 1994 V6 3.1 gas. Grand AM SE 1995 V6 3.1 gas. Grand Prix SE 1995 V6 3.1 gas. Sunbird GT 1993 V6 3.1 gas. Sunbird LE 1993 V6 3.1 gas. Sunbird LE 1994 V6 3.1 gas. Sunbird SE 1993 V6 3.1 gas. Sunbird SE 1994 V6 3.1 gas. Sunfire GT 1995 L4 2.2 gas. Sunfire SE 1995 L4 2.2 gas.
TCM Equipment Ag: Empilhadeira Hyster XM50. GM - S10 Importada 2.2 lts.

0613T9 | SPL10 | CCW
Fam. 101**ORIGINAL**

Bosch: 1006209532
Lester: 17068

MOTOR

Bosch: 0001110009 - 0001110010

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Transporter D, TD. Vanagon Campmobile 1982 L4 1.6 diesel. Vanagon Campmobile 1983 L4 1.6 diesel.

0615T11 | SPL3 | CCW
Fam. 39**ORIGINAL**

Lucas: TMB106 - 54246727

MOTOR

Lucas: M45G - 26270A/J - 26300A/J - 27410A - 27418A

APLICAÇÃO / APLICACIÓN / APPLICATION

Land Rover: 109, 110 2.25 D.
Massey Ferguson: Trator/ Tractors.

0617T9 | SPL8 | CW
Fam. 110**ORIGINAL**

General Motors: 96058480
Lester: 17166 - 17194 - 17206
Mitsubishi: M191T12871
Suzuki: 3132060A10

MOTOR

General Motors: 96058456 - 96058457 - 96064782 - 96064783
Mitsubishi: M1T72481 - M1T74581
Suzuki: 3110050A10 - 3110060AC1 - 3110060A11 - 3110060A20 - 3110060A21

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi
Nissan-Datsun
Suzuki: Vitara.

0619T9 | SPL10 | CCW
Fam. 102**ORIGINAL**

Bosch: F000AL1520 - F000AL1708 - 1006209522
Lester: 17030
Lucas Indiel: 223782

MOTOR

Bosch: 0001110001

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Eurovan Camper 1995 L5 2.5 gas. Eurovan CL 1993 L5 2.5 gas. Eurovan CV 1993 L5 2.5 gas. Eurovan CV 1994 L5 2.5 gas. Eurovan GL 1993 L5 2.5 gas. Eurovan GL 1994 L5 2.5 gas. Eurovan GLS 1994 L5 2.5 gas. Eurovan GLS 1995 L5 2.5 gas. Eurovan MV 1993 L5 2.5 gas. Eurovan MV 1994 L5 2.5 gas. Eurovan Transport 1995 L5 2.5 gas. Golf Turbo diesel. Golf D, Jetta D, TD. Jetta Deluxe 1984 L4 1.6 diesel. Jetta Deluxe 1985 L4 1.6 diesel. Jetta Deluxe 1986 L4 1.6 diesel. Jetta GL 1986 L4 1.6 diesel. Jetta GL 1989 L4 1.6 diesel. Jetta GL 1990 L4 1.6 diesel. Jetta GL 1991 L4 1.6 diesel. Jetta GL 1992 L4 1.6 diesel. Jetta Turbo, diesel. Rabbit L 1984 L4 1.6 diesel.

0622



T12 | SPL19 | CW
Fam. 51

ORIGINAL

Bosch: 9001453601
Facet: 10627
Wapsa: 224057

MOTOR

Bosch: F000AL0302 - 9000453064 - 9000453065 - 9000453067 - 9000453068

APLICAÇÃO / APLICACIÓN / APPLICATION

Cummins: Motor Serie C.
Komatsu: GD523, 623 (Cummins C séries). Motoniveladora GD523, GD623 c/ motor Cummins série C. Pá Carregadeira c/ motor Cummins série C.
Mercedes Benz: L1625. L2325, LB2325, LK2325. L2635. LG1825. LS1625. LS1630. LS1935. LS1941.

0624



T12 | SPL3 | CW
Fam. 45

Substitui/Cambiar/Replaces 0858

ORIGINAL

Bosch: 1987BE0019 **Facet:** 10624 - 10640 **Lucas Indiel:** 220400 **Remy:** 1985262 **Ww:** 10640

MOTOR

Remy: 10461007 - 10461008 - 10461010 - 10461013 - 10461016 - 10461018 - 10478805 - 10478811 - 10478825 - 10478826 - 10478927 - 10478949 - 10478960 - 10479014 - 10479034 - 10479196 - 1990310 - 1990313 - 1990315 - 1990316 - 1990317 - 1990319 - 1990320 - 1990321 - 1990327 - 1990330 - 1990331 - 1990332 - 1990336 - 1990498 - 1990707 - 1993669 - 1993709 - 1993713 - 1993719 - 1993728 - 1993729 - 1993732 - 1993742 - 1993745 - 1993746 - 1993755 - 1993763 - 1993764 - 1993768 - 1993770 - 1993778 - 1993791 - 1993794 - 1993831 - 1993832 - 1993851 - 1993853 - 1993861 - 1993865 - 1993869 - 1993871 - 1993873 - 1993874 - 1993878 - 1993881 - 1993883 - 1993885 - 1993887 - 1993891 - 1993898 - 1993901 - 1993902 - 1993909 - 1993910 - 1993911 - 1993918 - 1993920 - 1993926 - 1993928 - 1993931 - 1993953 - 1993958 - 1993964 - 1993965 - 1993966 - 1993974 - 1993992 - 1993997 - 323841 - 323842 - 323843 - 323844 - 323847 - 323850 - 323852

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: C/ partida Delco Remy.
Caterpillar
Clark
Cummins: Cummins c/ partida Delco Remy 37MT 12/14V 12D (motores série C - GMC, MB, VW Caminhões).
Ford: F9000, LN9000. C/ partida Delco Remy
General Motors: C/ partida Delco Remy
John Deere (SLC): C/ partida Delco Remy.
Lister
Mercedes Benz: Caminhão/Ônibus 1625, 1630, 1825, 1935, 1941, 2325, 0400R, 0400RS, 0400RSD, 0400RSL (OM 449A). Plataforma e Ônibus O370 (OM355-5, 6, 6A, 6LA), O371 (OM355-5A, 6A, 6LA), O371UP (OM355-5). Motor OM 355.5, 355.6, 355.6A, 335.6LA, 355.5 série BR400 c/ partida Delco Remy 37MT 12/24V. Ônibus O355 (OM355-6), O364 (OM355-5 e 6), O365 (OM355-5), O370, O371, O371UP.
MWM: Motor 3, 4, 6 cil. c/ partida Bosch JF.
Perkins
TCM Equipment Ag: Série 37MT 12/24V (MB, VW, Ford).
Volkswagen: Caminhão c/ motor Cummins série C. Caminhão P100501, P100502 c/ partida Delco Remy 37MT.
Waukesha

0625



T10 | SPL3 | CW
Fam. 45

ORIGINAL

Bosch: 1987BE0046
Facet: 10621 - 10639
Ford: E6HZ11350A
Lester: 6204 - 6348 - 6387 - 6391 - 6410 - 6467
Remy: 1986244
Ww: 10639

MOTOR

John Deere (SLC): E48134
Remy: 10461001 - 10461002 - 10461003 - 10461005 - 10461006 - 10461015 - 10461039 - 10461044 - 10461069 - 10478806 - 10478814 - 10478819 - 10478831 - 10478890 - 10478921 - 10478928 - 10478929 - 10478930 - 10478953 - 10478957 - 10478976 - 10479015 - 10479016 - 10479020 - 10479035 - 10479036 - 10479054 - 10479068 - 10479069 - 1990308 - 1990309 - 1990311 - 1990312 - 1990315 - 1990318 - 1990326 - 1990347 - 1990499 - 1993701 - 1993702 - 1993705 - 1993712 - 1993723 - 1993726 - 1993738 - 1993741 - 1993744 - 1993754 - 1993756 - 1993759 - 1993761 - 1993762 - 1993767 - 1993769 - 1993789 - 1993790 - 1993792 - 1993793 - 1993799 - 1993800 - 1993817 - 1993818 - 1993819 - 1993829 - 1993832 - 1993837 - 1993850 - 1993854 - 1993855 - 1993862 - 1993866 - 1993879 - 1993880 - 1993881 - 1993886 - 1993893 - 1993894 - 1993903 - 1993905 - 1993914 - 1993917 - 1993921 - 1993947 - 1993950 - 1993951 - 1993954 - 1993955 - 1993956 - 1993957 - 1993963 - 1993970 - 1993971 - 1993981 - 1993986 - 1993988 - 1993994 - 323818 - 323834 - 323835 - 323836 - 323837 - 323839 - 323840 - 323849 - 323868 - 323869 - 323879 - 323880

APLICAÇÃO / APLICACIÓN / APPLICATION

Case**Clark****Cummins:** Cummins c/ partida Delco Remy 37MT 12/24V 10D (VW Caminhões 6 cil. Turbo).**Detroit:** Diesel.**Ford:** Caminhão Cargo c/ motor 7.8 lts. F-800.**General Motors:** Caminhão Truck. Caminhões c/ motor Caterpillar e partida Delco Remy 37MT 12/24V. Caminhões 14190.**IHC****John Deere (SLC)****Komatsu****Massey Ferguson****Perkins****TCM Equipment Ag:** Série 37MT 12/24V (MB, VW, Ford).**Volkswagen:** Caminhão VW13.210, VW14.210, VW22.210, todos c/ motor Cummins 6 cil. Turbo e partida Delco Remy 37MT.**0626**T11 | SPL19 | CCW
Fam. 51

ORIGINAL

Caterpillar: 5L-6429 - 93090**Facet:** 480135 - 480322**Leece-Neville:** M029064235**Lester:** 3039 - 3040 - 3288 - 3289 - 3290 - 3297 - 3701 - 3702 - 3747 - 3899 - 4851 - 6261 - 6263 - 6272 - 6273 - 6621 - 6622 - 6623 - 6629**Remy:** 1894212 - 1945879 - 1970527 - 1977004 - 8000067 - 830621**Ww:** 480322

MOTOR

Remy: 1109220 - 1109297 - 1109648 - 1109962 - 1113856 - 1113889 - 1113917 - 1114047 - 1114183

APLICAÇÃO / APLICACIÓN / APPLICATION

Caterpillar: Caterpillar.**Waukesha****0627**T10 | SPL6 | CCW
Fam. 20

ORIGINAL

CBT: 5800/00043

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

CBT: Utilitário Javali.**0629**T10 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 6468 - 6469 - 6570 - 6573 - 6585 - 6589 - 6590 - 6595**Lucas Indiel:** 223787**Remy:** 10456455 - 10457056 - 10457579

MOTOR

Remy: 10479621 - 10479634

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Caminhão F700 diesel c/ partida Delco 28MT. F12000. F14000 (ano 99) c/ partida Delco 28MT. F700 D, F14000 (1999).

0630



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 1006209538 - 1006209539 - 1006209691
Fiat: 9940740
Italacciai: SD062
Lester: 17038 - 17150 - 17227 - 17281 - 17410 - 17698
Lucas Indiel: 222525

MOTOR

Bosch: 0001110003 - 0001110005 - 0001110016 - 0001110025 - 0001110026 - 0001110039 - 0001110053 - 0001110054 - 0001110055
 0001110075 - 0001110078 - 0001110079 - 0001110082 - 0001110089 - 0001110091 - 0001110092 - 0001110095 - 0001110102
 0001110113
Fiat: 7580192

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Duna 1.7 D, Fiorino. Selecta, Selecta TD. Tipo 1.7 D. Uno, Uno D, TD.
Fiat Iveco: Com partida Delco Remy.
Mercedes Benz: 190E, 260E, 300. E420, E420 T-Modell. E500, E500 Coupe. E500 SEC, E500 SEC Coupe, S500. E560 SEL. S420, S500. SL 500.
Peugeot: 106 D, R11 D, R9 D.
Renault: R11, R5, R9, todos diesel.

0631



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9001140317 - 9003336293
Fiat: 9939194
Italacciai: SD440
Lester: 17009
Lucas Indiel: 223285

MOTOR

Bosch: 0001218001 - 0001218004 - 0001218005 - 0001218008 - 0001218010 - 0001218012 - 0001218013 - 0001218017 - 0001218018
 0001218025 - 0001218107 - 0001218115 - 0001218120 - 0001219004 - 0001219008
Fiat: 5984563 - 5985182

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: 100 D, 100 TD. 100 2.0 D, TD, 2.5 TD, 5000.
Fiat: Marengo, Marengo 2.0 D. Regata TD, Regata 1.9 D. Ritmo TD, Ritmo 1.9 TD. Tipo TD, Tipo 1.9 TD.
Lancia: Dedra TD, Delta TD, Prisma TD.
Steyr Puch: Pinzgauer TD.
Volkswagen: LT D, TD, 4x4. LT28, LT31, LT35, LT40, LT45, LT50 D Turbo.
Volvo: 240 2.4 D, 740 2.4 D, 760 2.4 TD. 240 D, 740 D, DT, 760 TD, 780 TD.

0632



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9002336207 - 9003336201 - 9003336284
Lucas Indiel: 223788

MOTOR

Bosch: 0001218002 - 0001218015 - 0001218022 - 0001218106 - 0001218129

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Granada 2.5 D. Scorpio 2.5 D. Sierra 2.3 D.
Renault: R18 diesel. R18 2.0 D.

0633



T10 | SPL10 | CW
Fam. 92

ORIGINAL

Bosch: 1006209519
Lucas Indiel: 223789

MOTOR

Bosch: 0001317023

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort 1.6 D. Fiesta 1.6 D. Orion 1.6 D. Escort, Fiesta, Orion (1.6 D Engine), Escort 1.6 D, Fiesta 1.6 D.

0634T9 | SPL10 | CW
Fam. 117**ORIGINAL**

Hitachi: 211445012
Lester: 17454
Lucas Indiel: 223790
Nissan-Datsun: 2331242L60

MOTOR

Hitachi: S114505 - S114509 - S114526 S114526A - S114527 - S114527A
Nissan-Datsun: 23300G8400 - 2330001N00 - 2330020P00 - 2330057N60

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Pick-up. Pick-up Short Bed XE 1994 L4 2.4 gas. Pick-up XE 1994 L4 2.4 gas. Sunny 1.6i Coupè.

0635T10 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: 2006209427 - 2006209457 - 2006209459
Lester: 16563 - 17095
Lucas Indiel: 223791

MOTOR

Bosch: 0001362312 - 0001362316 - 0001362319 - 0001362321 - 0001367037 - 0001368059 - 0001369001 - 0001369005

APLICAÇÃO / APLICACIÓN / APPLICATION

John Deere (SLC): 840, 940, 1040, 1140, 1640, JD310, 350, 400, 410, MD1065, MD1075, MD932, MD942, MD952. John Deere JD310, JD350, JD400, JD410, JD450, MD1040, MD1065, MD1075, MD1085, MD1140, MD1640, MD1840, MD20401, MD2140, MD3040, MD3140, MD840, MD932, MD940, MD942, MD952, MD955, MD958, MD965. Trator/Tractor.

0636T8 | SPL8 | CCW
Fam. 47**ORIGINAL**

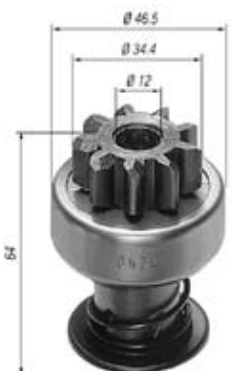
Ford: E8BZ11350A - SDE334
Lester: 17010
Lucas Indiel: 223792
Mazda: B30118X45 - B30118400
Mitsubishi: M191T26771

MOTOR

Ford: B8GY11002A - E8BZ11002A - F0BZ11002A - SAE761A - SAE763 - SAE782
Mazda: B30118400 - B30118400C - B35918400A
Mitsubishi: MC108027 - M3T33081

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Festiva.
Kia: Pride.

0638T9 | SPL10 | CW
Fam. 1**ORIGINAL**

Bosch: 1006209418
Lester: 18233

MOTOR

Bosch: 0001311050 - 0001311051 - 0001314010

APLICAÇÃO / APLICACIÓN / APPLICATION

Bomag: BW90.
Farymann: D40, E40.
Hatz: E80 FG, E80 G, E85 FG, E89.
Palmieri: PDA 625, 750, 1250.

0639T10 | SPL10 | CCW
Fam. 103**ORIGINAL**

Bosch: 1006209552 - 1006209912
Lester: 17231
Lucas: TMB474
Lucas Indiel: 223795

MOTOR

Bosch: 0001110031 - 0001110032 - 0001110061 - 0001110062 - 0001110084 - 0001110085

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort XR3, Galaxy 2.0.
Seat: Seat, Toledo 1.9 TDI.
Volkswagen: Eurovan Camper 1995 L5 2.5 gas. Eurovan CL 1993 L5 2.5 gas. Eurovan CV 1993 L5 2.5 gas. Eurovan CV 1994 L5 2.5 gas. Eurovan GL 1993 L5 2.5 gas. Eurovan GL 1994 L5 2.5 gas. Eurovan GLS 1994 L5 2.5 gas. Eurovan GLS 1995 L5 2.5 gas. Eurovan MV 1993 L5 2.5 gas. Eurovan MV 1994 L5 2.5 gas. Eurovan Transport 1995 L5 2.5 gas. Passat 1.6 D, 1.9 D, TD. Pointer. Polo. Vento 1.9 TD. VW.

0641T9 | SPL10 | CW
Fam. 84**ORIGINAL**

Bosch: 1006209561
Lester: 16963 - 17210
Lucas Indiel: 223332

MOTOR

Bosch: 0001108068 - 0001108069 - 0001108070 - 0001108103 - 0001108104 - 0001108105 - 0001108123 - 0001108134 - 0001108135
 0001108160

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Grand Caravan 3.0 i LE. Lebaron GTS 1989 L4 2.2 gas. Lebaron GTS 1989 L4 2.5 gas. Lebaron Landau 1991 L4 2.5 gas. Lebaron Landau 1992 L4 2.5 gas. Lebaron LE 1993 L4 2.5 gas. Lebaron Sedan 1992 L4 2.5 gas. Saratoga 3.0. Spirit. Voyager 2.5, 3.0, 3.3.
Dodge: Aries LE 1989 L4 2.2 gas. Aries LE 1989 L4 2.5 gas. Caravan C/V 1989 L4 2.5 gas. Caravan C/V 1990 L4 2.5 gas. Caravan C/V 1991 L4 2.5 gas. Caravan C/V 1992 L4 2.5 gas. Caravan C/V 1993 L4 2.5 gas. Caravan C/V 1994 L4 2.5 gas. Caravan C/V 1995 L4 2.5 gas. Caravan LE 1989 L4 2.5 gas. Caravan LE 1990 L4 2.5 gas. Caravan LE 1991 L4 2.5 gas. Caravan SE 1989 L4 2.5 gas. Caravan SE 1990 L4 2.5 gas. Caravan SE 1991 L4 2.5 gas. Caravan SE 1992 L4 2.5 gas. Caravan SE 1993 L4 2.5 gas. Daytona ES 1989 L4 2.5 gas. Daytona ES 1990 L4 2.5 gas. Daytona ES 1991 L4 2.5 gas. Daytona ES 1992 L4 2.5 gas. Daytona ES 1993 L4 2.5 gas. Daytona Iroc 1991 L4 2.5 gas. Daytona Iroc 1992 L4 2.5 gas. Daytona Iroc R/T 1992 L4 2.2 gas. Daytona Iroc R/T 1993 L4 2.2 gas. Daytona Shelby 1989 L4 2.2 gas. Daytona Shelby 1989 L4 2.5 gas. Daytona Shelby 1990 L4 2.2 gas. Daytona Shelby 1990 L4 2.5 gas. Daytona Shelby 1991 L4 2.5 gas. Dynasty. Dynasty LE 1989 L4 2.5 gas. Dynasty LE 1990 L4 2.5 gas. Gran Caravan 2.5. Lancer ES 1989 L4 2.5 gas. Lancer Shelby 1989 L4 2.2 gas. Lancer Shelby 1989 L4 2.5 gas. Shadow America 1991 L4 2.2 gas. Shadow America 1992 L4 2.2 gas. Shadow America 1992 L4 2.5 gas. Shadow ES 1991 L4 2.5 gas. Shadow ES 1992 L4 2.5 gas. Shadow ES 1993 L4 2.5 gas. Shadow ES 1994 L4 2.5 gas. Shadow S 1991 L4 2.2 gas. Shadow S 1992 L4 2.2 gas. Shadow S 1992 L4 2.5 gas. Shadow Shelby 1989 L4 2.2 gas. Spirit ES 1989 L4 2.5 gas. Spirit ES 1990 L4 2.5 gas. Spirit ES 1991 L4 2.5 gas. Spirit ES 1992 L4 2.5 gas. Spirit ES 1993 L4 2.5 gas. Spirit LE 1989 L4 2.5 gas. Spirit LE 1990 L4 2.5 gas. Spirit LE 1991 L4 2.5 gas. Spirit LE 1992 L4 2.5 gas. Spirit R/T 1991 L4 2.2 gas. Spirit R/T 1992 L4 2.2 gas.
Plymouth: Acclaim LE 1989 L4 2.5 gas. Acclaim LE 1990 L4 2.5 gas. Acclaim LE 1991 L4 2.5 gas. Reliant LE 1989 L4 2.2 gas. Reliant LE 1989 L4 2.5 gas. Sundance America 1991 L4 2.2 gas. Sundance America 1992 L4 2.2 gas. Sundance America 1992 L4 2.5 gas. Sundance Duster 1992 L4 2.5 gas. Sundance Duster 1993 L4 2.5 gas. Sundance Duster 1994 L4 2.5 gas. Sundance RS 1991 L4 2.5 gas. Sundance S 1991 L4 2.2 gas. Sundance S 1992 L4 2.2 gas. Sundance S 1992 L4 2.5 gas. Voyager LE 1989 L4 2.5 gas. Voyager LE 1990 L4 2.5 gas. Voyager LE 1991 L4 2.5 gas. Voyager SE 1989 L4 2.5 gas. Voyager SE 1990 L4 2.5 gas. Voyager SE 1991 L4 2.5 gas. Voyager SE 1992 L4 2.5 gas. Voyager SE 1993 L4 2.5 gas.

0644T11 | SPL10 | CW
Fam. 70**ORIGINAL**

Hitachi: 211455003
Lester: 18206 - 18207 - 18218

MOTOR

Hitachi: 5114219 - 5114230 - 5114235

APLICAÇÃO / APLICACIÓN / APPLICATION

Bobcat
Nissan-Datsun: Forklift.
Yanmar

0645T10 | SPL12 | CW
Fam. 29**ORIGINAL**

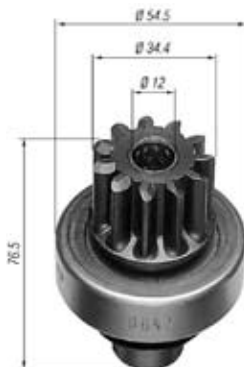
Remy: 10457178

MOTOR

Remy: 10479619

APLICAÇÃO / APLICACIÓN / APPLICATIONLincoln
Teledyne**0646**T10 | SPL9 | CW
Fam. 85**ORIGINAL**Italacciai: SD509
Lucas Indiel: 223801
Paris-Rhone: 105540**MOTOR**

Italacciai: D9R084

APLICAÇÃO / APLICACIÓN / APPLICATIONCitroën: BX19 D, C15 D, Visa 17 D.
Peugeot: 205 D, 305 D, 405 D.
Talbot: Horizon D.**0647**T11 | SPL9 | CW
Fam. 88**ORIGINAL**Lucas: TMB275
Paris-Rhone: 180826
Valeo: NE211 - 182177**MOTOR**

Valeo: D9R90 - D9R99

APLICAÇÃO / APLICACIÓN / APPLICATIONCitroën: C25 diesel, CX 2.5 D, Citroën.
Peugeot: 405 D, J5 D, Peugeot.**0648**T9 | SPL10 | CW
Fam. 15**ORIGINAL**Bosch: 2006209426
Fiat: 79033659 - 9817920 - 9959572
Italacciai: SD314
Lester: 17092 - 17184 - 18030 - 18033
Remy: 19024527**MOTOR**

Bosch: 0001367028 - 0001367029 - 0001368019 - 0001368020

APLICAÇÃO / APLICACIÓN / APPLICATIONAgrifull: 70C, 80.
Aifo: 8361.05.
Fiat: Caminhão 570, 580, 605, 640, 666, 670, 680, 765, 766, 780, 855, 880.15, 955, 980, 1180, 1280, 1380, 1580, 1880.
Fiat Allis: 545B, 645B, 570, 580, 605, 640, 666, 680, 855, 880S, 980, 1180, 1280, 1380, 1580, 1880, 90.90, 100.90, 115.90, 130.90, 140.90, 160.90.
Fiat Iveco: 115.14, 120.14, 140.14, 145.17, 150.14, 159.17, 50 F10, 55 F10, 60 F10, 65 F10, 50.9, 50.10, 55.9, 55.10, 65.10, Z Range, 70.10, 75.10, 79.14 Z Range, 80F13, 90F13, 100F13.
New Holland: Trator Agrícola FNH8430, DT8630, 8830, a partir de 04/94.
OM: DI 20, 25, 30, 35, 40, 50, 70.

0649



T10 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 6572 - 6576 - 6578 - 6581 - 6584 - 6587 - 6588 - 6593 - 6600 - 6602
Remy: 10457057

MOTOR

Remy: 10479607 - 1113274 - 1113275 - 1113278 - 1113281 - 1113282 - 1113284 - 1113285 - 1113288 - 1113289 - 1113290 - 1113297

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark
Hyster
IHC
Massey Ferguson
New Holland
Perkins

0650



T12 | SPL12 | CW
Fam. 29

ORIGINAL

Remy: 10457058

MOTOR

Remy: 10479606 - 10479613 - 1113273 - 1113279 - 1113280

APLICAÇÃO / APLICACIÓN / APPLICATION

0651



T9 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 6579 - 6599
Remy: 10457059

MOTOR

Remy: 10479620 - 1113286

APLICAÇÃO / APLICACIÓN / APPLICATION

Deutz: Allis.
Mercedes Benz: Caminhão 712 eletronic.

0652



T9 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 6580
Remy: 10457060

MOTOR

Remy: 1113287

APLICAÇÃO / APLICACIÓN / APPLICATION

Lincoln
Teledyne

0653T9 | SPL10 | CW
Fam. 8**ORIGINAL****Bosch:** 9001041103 - 9001043103**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****0655**T9 | SPL6 | CCW
Fam. 108**ORIGINAL****Facet:** 10593**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Sea Doo:** Jet Ski. Motor de partida Especial (eixo c/ 12,8mm) p/ modelo Sea Doo Super Jet Ski, de 88 a 92. Sea Doo Super Jet Ski (modelo c/ eixo especial 12,8mm) ano 88/92.**0656**T12 | SPL9 | CW
Fam. 85**ORIGINAL****Bosch:** 1987BE0047
Italacciai: SD508
Lester: 17085
Lucas Indiel: 221292
Paris-Rhone: 105538 - 185182
Valeo: NE209 - NE883 - 182047 - 185182 - 594245**MOTOR****Italacciai:** D9R073
Valeo: D9R134 - D9R73**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Espace, Espace T. Fuego, Fuego TD. Master, Master D. R18 TD, R20 TD, R21 TD, R25 TD, R30 TD. R18, R20, R21, R25, R30 Turbo diesel. Trafic diesel.**0657**T9 | SPL9 | CW
Fam. 85**ORIGINAL****Italacciai:** SD483
Lucas: TMB276
Lucas Indiel: 223808
Paris-Rhone: 181068
Valeo: NE 212 - 182178**MOTOR****Italacciai:** D9R091
Valeo: D9R91**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F1000 c/ motor Maxion HSD.
General Motors: S10 2.5 diesel Maxion.
Land Rover: 90, 110, 130 2.5 D, DT. Defender. Discovery OMO14A. Pick-up c/ partida Valeo.
Mercedes Benz: Sprinter 310 diesel.

0661T10 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209413 - 2006209443**MOTOR****Bosch:** 0001359067 - 0001359069 - 0001359081 - 0001359082 - 0001359104 - 0001359109 - 0001359110 - 0001360055**APLICAÇÃO/APLICACIÓN/APPLICATION****Chrysler:** Caminhão Dodge série S.**Dodge:** Trucks S séries.**Ford:** Cargo D707, 810, 910, 1010, 1111, 1211, 1314. Cargo N1114, 1414, NA1814, 2214. Cargo N708, 710, 808, 810, 812, 814, 910, 914, D0707, 0810, 0910, 1010, 1111.**Massey Ferguson:** MF155, MF158, MF168, MF186, MF187, MF188, MF487, MF507, MF510, MF520, MF525, MF87.**Perkins:** Perkins - Tratores, Industriais, Estacionários.**0668**T10 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 9001083629**MOTOR****Bosch:** 9000083072 - 9000453072 - 9000453080**APLICAÇÃO/APLICACIÓN/APPLICATION****Massey Ferguson:** MF235 Trator MF235, MF265 a partir de 86.**Perkins:** AD4.203 (Trator MF 265 a partir de 04/76). A3.152 (Trator MF 235, 265). Tratores, Industriais, Estacionários.**Yanmar:** Trator 1050D, 1050D 4x4.**0669**T13 | SPL10 | CW
Fam. 44**ORIGINAL****Ford:** E8PZ11350A - SDE339**Lester:** 17037**Mitsubishi:** M191T66271**MOTOR****Ford:** E8TF11000AA - E8TZ11002A - SA739B**Mitsubishi:** M3T90072**APLICAÇÃO/APLICACIÓN/APPLICATION****Ford:** E-F Vans. Trator/Tractor.**Mitsubishi****New Holland:** Trator/Tractor.**0670**T13 | SPL10 | CW
Fam. 43**ORIGINAL****Ford:** E5PF11350AA - E5PZ11350A - SDE330**Lester:** 17037**Mitsubishi:** M191T65571**MOTOR****Ford:** E5TF11000AA - E5TZ11002B - E8TF11000AA - E8TZ11002A - F3TU11000AA - SA739A**Mitsubishi:** M3T90011 - M3T90071 - M3T90072**APLICAÇÃO/APLICACIÓN/APPLICATION****Ford:** Truck diesel.**New Holland:** Trator/Tractor.

0671T8 | SPL6 | CW
Fam. 10**ORIGINAL**

Bosch: 1987BE0020
Magneti-Marelli: 51744826

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0673**T11 | SPL10 | CW
Fam. 8**ORIGINAL**

Bosch: 9001042060

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Nissan-Datsun: Pick-up. Sentra. Vanette.

0674T9 | SPL10 | CW
Fam. 9**ORIGINAL**

Bosch: 9001043179

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0676**T9 | SPL10 | CW
Fam. 9**ORIGINAL**

Bosch: 9001043180

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

0677



T10 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209463 - 2006209474

MOTOR

Bosch: 0001362048 - 0001362049 - 0001362084 - 0001362100

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: 3600 Tractor.
Holder: B50, B51.
Nissan-Datsun: Trade.

0679



TB | SPL8 | CW
Fam. 110

ORIGINAL

Lester: 17161
Mitsubishi: M191T12671
Nissan-Datsun: 2335430R10

MOTOR

Mitsubishi: M1M72281 - M1T72281 - M1T72281A
Nissan-Datsun: 2330030R12 - 2330030R13

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: KA24E.

0681



T9 | SPL12 | CW
Fam. 6

ORIGINAL

Ford: E4EF11350AA - E4FZ11350A - E4LF11350AA - E4LY11350A - SD323 - SD324
Lester: 3193 - 3194

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0684



T9 | SPL12 | CW
Fam. 27

ORIGINAL

Hitachi: 212015501 - 21309500
Lester: 17087 - 17090 - 17299 - 17331 - 18064 - 18298

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0686T8 | SPL10 | CCW
Fam. 47**ORIGINAL**

Bedford: 91118533
Nippondenso: 0283003880
Suzuki: 3132078310

MOTOR

Nippondenso: 0280008040 - 0280009430 - 1280001290 - 1280001291 - 1280001761 - 1280001860 - 1280003640

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: Midi. Rascal.
Mitsubishi

0687T9 | SPL5 | CW
Fam. 118**ORIGINAL**

Hitachi: 211435551
Lester: 16817 - 17196

MOTOR

Hitachi: S114503A - S114-516 - S114-516A - S114528 - S114528A **Mitsubishi:** M000T60181

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Nissan Pathfinder motor 3.0 V6 gasolina. Pick-up. Terrano 3.0. VG30.

0691T15 | SPL10 | CW
Fam. 70**ORIGINAL**

Hitachi: 211445002
Lester: 16710 - 18216

MOTOR

Hitachi: 5114146 - 5114244 - 5114417

APLICAÇÃO / APLICACIÓN / APPLICATION

Yanmar

0701T9 | SPL10 | CCW
Fam. 105**ORIGINAL**

Bosch: 9001042189

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Nissan-Datsun: E16. Tsuru.

0702



T9 | SPL10 | CCW
Fam. 104

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0703



T9 | SPL10 | CCW
Fam. 104

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0704



T9 | SPL3 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0705



T10 | SPL3 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0706T11 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 9003336206
Lucas Indiel: 223854

MOTOR

Bosch: 0001218007 - 0001218023 - 0001218125 - 0001218126

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 164 2.5 TD (VM Engine). 33 1.8 TD, 75 2.0TD. Alfa 164 TD, 33 TD, 75 TD, 90 TD. Alfetta 2.4 TD, Alfetta TD. Giulietta 2.0, Giulietta TD.

Chrysler: Voyager 2.5 TD (VM Engine).

Peugeot: 306 XND, XRD, XRDT, 405D 1.9 diesel.

Rover: 825 TD.

0708T10 | SPL6 | CCW
Fam. 108**ORIGINAL**

Cargo: CG231767
Johnson Electric: 5712820-DV30SM
Honda: 31206-2F5-L31
UTMS: 5712820 - DV 305M

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0709**T9 | SPL3 | CW
Fam. 21**ORIGINAL**

Lucas Indiel: 221491

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0711**T8 | SPL6 | CW
Fam. 110**ORIGINAL**

Hitachi: 2335453J11
Lester: 17180 - 17246
Mitsubishi: M191T12571
Nissan-Datsun: 2335453J11

MOTOR

Mitsubishi: M1T72981 - M1T72985 - M1T74781 - M1T74785 - M1T78881

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Forklift. SR18, SR20.

Subaru: 100NX 2.0GTI, Almera 2.0 GTI, Primera 2.0 sta.car, Sunny 2.0. Subaru c/ partida Mitsubishi.

0712



T9 | SPL8 | CW
Fam. 111

ORIGINAL

Lester: 17425 - 17683 - 17685
Mitsubishi: M191T13471

MOTOR

Mitsubishi: M1T60281
Nissan-Datsun: 2330080G10 - 2330086G10

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Nissan.

0713



T9 | SPL3 | CW
Fam. 107

ORIGINAL

Bosch: 9001336205
Femsa: 1066122
Fiat: 4063663
Lucas Indiel: 221832
Magneti-Marelli: 74870651

MOTOR

Femsa: MTD12H5 - MTD121
Fiat: 4064058

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 125, 1100T, 1300, 1500, 1800, 2300. Coupe, Familiar, Multicarga
Seat: 1500.

0714



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Bosch: 1987BE0048
Garef: 6624100
Lucas Indiel: 221905

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: Dodge 1500 1.8, Pick-up Durango 4x4.
Volkswagen: 1500 1.8.

0720



T9 | SPL3 | CW
Fam. 35

ORIGINAL

Lucas Indiel: 223290

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0721T10 | SPL12 | CW
Fam. 43**ORIGINAL**

Lester: 6594 - 6597
Remy: 10457122

MOTOR

Remy: 10479605 - 10479608 - 10479612

APLICAÇÃO/APLICACIÓN/APPLICATION

Bobcat: Trator 853 ano 94 série 128.163.90.
Clark: Trator Bob Cat 853 ano 94, série S12816390.
Detroit: Veículos/Estacionários.
Fiat Allis: Grader PG140 e PG160 - com motor Ford 7.5L GMA. 28 MT.

0722T10 | SPL12 | CW
Fam. 43**ORIGINAL**

Lester: 6574 - 6582 - 6592 - 6596 - 6598
Remy: 10457121

MOTOR

Remy: 10479611 - 10479616 - 10479629 - 1113272 - 1113277 - 1113291

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: Case Grader 845 e 845.2, Pá Carregadeira W20 e Fiat Allis Grader FG 140.2. c/ partida 28MT.
Cummins: Cummins c/ partida Delco Remy 28MT. **Fiat Allis:** Fiat Allis - com motores Cummins 6BT5.9 com embreagem banhada a óleo. Fiat Allis FD 170, cremalheira a banho de óleo. **John Deere (SLC)**
Komatsu: PC200 Escavadeira - com motores Cummins 4B3.9, 4BT3.9, 6B5.9, 6BT5.9, 6BTAA. MACK.
TCM Equipment Ag: Série 28MT 12/12V.

0723T12 | SPL12 | CW
Fam. 43**ORIGINAL**

Lester: 6591
Remy: 10457141

MOTOR

Remy: 10479600

APLICAÇÃO/APLICACIÓN/APPLICATION

Lister: Petter.

0729T10 | SPL10 | CCW
Fam. 103**ORIGINAL**

Bosch: F000AL1704 - 1006209579 - 1006209917 - 9001081010
Lester: 17223 - 17416
Lucas: TNB010
Lucas Indiel: 223121

MOTOR

Bosch: 0001107003 - 0001107004 - 0001107022 - 0001107023 - 9000081001 - 9000081002

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Escort Hobby. Escort XR3. Escort 1.6, 2.0.
Seat: Toledo 2.0 16V.
Volkswagen: Beetle 2.0. Golf 1.8. Golf III 2.0 Syncro. Golf IV 1.8. Logus após 93. Passat 1.8 Syncro. Passat Alemão. Polo Classic.

0731



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Lucas Indiel: 221902
Tria: 3902

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: R4, R6, R12.

0732



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Lucas Indiel: 223291
Tria: 4424

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: Traffic.

0737



T9 | - | CW
Fam. 122

ORIGINAL

Hitachi: 211435006 - 211455506 - 211475008 - 211485008 - 211495008
Isuzu: 8941155680 - 8942363471
Lester: 16584 - 16611 - 16811 - 16986 - 16997 - 18312
Nissan-Datsun: 23312H9100 - 23312M4901 - 23312N5900 - 23312N5903 - 23312V5301 - 23312V5302

MOTOR

Hitachi: S1114374B - S114253 - S114253A - S114253B - S114254 - S114254A - S114254C - S114254D - S114255 - S114255A - S114258
S114258A - S114258B - S114258C - S1142584C - S114264 - S114264A - S114265 - S114268 - S114268A - S114290 - S114290A - S114290B
S1142900 - S114296 - S114296A - S114344 - S114374 - S114374B - S114401B - S114403B - S114429 - S114429A - S114446 - S114449
S114453 - S114454 - S114457 - S114458 - S114480 - S114481A - S13100 - S13115 - S13121 - S1362 - S1362A - S1362B - S1362C - S1363
S1370 - S1370A - S1382 - S1382A - S1383
Isuzu: 891171630 - 891364001 - 891364480 - 892363470 - 8941155650 - 8941155670 - 8941156670 - 8941171630 - 8941333380
8941364480 - 8942168781 - 8942168783 - 8942363470 - 8942363471 - 8942387580 - 8942387581
Nissan-Datsun: 23300H5902 - 23300H9100 - 23300H9101 - 23300N5900 - 23300N5902 - 23300N5903 - 23300R2000 - 23300U7500
23300U7501 - 23300U7502 - 23300V5300 - 23300V5301 - 23300V5302 - 23300W1000 - 23300W1002 - 23300W7000 - 23300W7001
23300Y7000 - 23300Y7001 - 2330006W61 - 2330017C60 - 2330018C60 - 2330021P00 - 2330022P00 - 233005301

APLICAÇÃO / APLICACIÓN / APPLICATION

Chevrolet: Chevette CS 1984 L4 1.8 diesel. Chevette CS 1985 L4 1.8 diesel. Chevette CS 1986 L4 1.8 diesel.
General Motors: Chevy diesel.
Isuzu: Diesel.
Massey Ferguson: Massey Ferguson.
Nissan-Datsun: 210 Deluxe 1980 L4 1.4 gas. 210 Deluxe 1980 L4 1.5 gas. 210 Deluxe 1981 L4 1.5 gas. 210 Deluxe 1982 L4 1.5 gas.
210 Luxury 1982 L4 1.5 gas. 210 MPG 1981 L4 1.4 gas. 210 MPG 1982 L4 1.4 gas. 280Z 2+2 1978 L6 2.8 gas. 280Z, 300 ZX/Turbo.
300C. Cabstar 2.0. Nissan. Patrol 2.8. Terrano. Urvan. Vanette (2.4i). Z24, D21.
Opel: Astra TD. Corsa B D, DT. Kadett E 1.5, 1.7 TD.
Coroa avulsa-ZEN 1200.

0740T11 | SPL9 | CW
Fam. 96**ORIGINAL****Lucas Indiel:** 227796 - 228135 - 35257798 - 35258135**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Regatta 2000, Duna SD, Spazio D, Uno D.**0741**T9 | SPL9 | CW
Fam. 96**ORIGINAL****Bosch:** 1987BE0049**Lucas Indiel:** 227951 - 228137 - 35257952 - 35258137**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Peugeot:** 504/505 motor 2000.**0742**T9 | SPL9 | CW
Fam. 96**ORIGINAL****Lucas Indiel:** 227799 - 228136 - 35257802 - 35258136**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Sierra 1.6.**0743**T11 | SPL9 | CW
Fam. 96**ORIGINAL****Lucas Indiel:** 227965 - 228138 - 35257963 - 35258138**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** 147. 128 Super Europa. 147 Brio, SPR, SPT. Duna 1.3, 1.5. Fiorino 1.4, 1.6. Regatta 85SC. Spazio. Tipo 1.4, 1.6. Uno 1.4, 1.6. Vivace.

0744



T8 | SPL2 | CW
Fam. 26

ORIGINAL

Bosch: 1987BE0050
Fiat: 4044451
Lucas Indiel: 221831
Magneti-Marelli: 74870841

MOTOR

Fiat: 870374

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: 500. 600.

0745



T9 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: F000AL1691 - F000AL1878 - 1006209584 - 1006209600 - 1006209686 - 9001081033 - 9001084038 - 900118103
General Motors: 90421771 **Lucas:** TMB584 **Lucas Indiel:** 223122

MOTOR

Bosch: F000AL0103 - F005M00024 - 0001106017 - 0001107009 - 0001107012 - 0001107013 - 0001107015 - 0001107017 - 0001107018
0001107019 - 0001107025 - 0001107026 - 0001107034 - 0001107044 - 0001107045 - 0001107056 - 0001107070 - 9000081004

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: 145 1.6, 1.7 16V, 146 1.6, 33 1.7. **Audi:** 80 2.0 16V. A4 1.6i, 1.8i (c/ partida 0.001.121.018). **Citroën:** Evasion 2.0. Jumper 2.0. Xantia 1.6, 1.8, 2.0. XM 2.0. ZX 1.6. **Fiat:** Ducato 10, 14, 18, 20. Ulysse 2.0. **General Motors:** Astra 1.8i, 2.0 MPFI, 2.0i 16V. Astra Sedan 1.8i, 2.0i, 2.0i 16V. Blazer 2.2 EFI. Ipanema, Ipanema 2.0 MPFI. Kadett 2.0 MPFI. Omega 2.0i, 2.2i, 3.0i. S10 à gasolina c/ motor 2.2. Suprema, Suprema 2.0, 2.0i, 3.0i. Vectra 2.0 16V, 2.0 GLS, 2.0i GSI 16V. Zafira 2.0 MPFI, 2.0 SFI 16V. **Lancia:** Z 2.0 Turbo. **Opel:** Calibra 2.0. Frontera 2.0i, 2.2 16V. **Peugeot:** 205 1.6, 1.9, 306 1.8, 306 1.8i, 1.8i 16V/ 405 1.8i a partir de 09/95, 2.0, 406 1.6, 605 2.0, 806 1.8, 2.0, Boxer 2.0. 306 1.8i, 1.8i 16V, 405 1.8i, a partir de 09/95. **Renault:** Espace 2.0 16V 10/1998... Megane 2.0 16V 03/1999... Scenic RX4 2.0 06/1999... **Seat:** Cordoba 1.0, 1.4, 1.4 16V, 1.6. Ibiza 16V. **Volkswagen:** Gol GTI 16V. Vento 1.6.

0747



T10 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas: TDB441
Lucas Indiel: 221294
Paris-Rhone: 186020
Valeo: NE830 - 185441 - 594108

MOTOR

Valeo: D6RA32 - D6RA33 - D6RA39 - D6RA48 - D6RA59 - D6RA6 - D6RA61

APLICAÇÃO/APLICACIÓN/APPLICATION

Autobianchi: Y10 Fire.
General Motors: Corsa 1.0, 1.4 c/ partida Valeo.
Opel: Corsa 1.0, 1.4.
Renault: Clio 1.2, 1.4. Laguna 1.8, 2.0. Megane, R19.

0748



T10 | SPL10 | CW
Fam. 14

ORIGINAL

Bosch: 9002453078 - 9002453079
Lucas: TNB674
Lucas Indiel: 223293

MOTOR

Bosch: 9000083077

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Caminhão 7000DX-TDX- 8000MA série 7.5T .
Case: Trator W20 (Cummins 6BT590).
Ford: Cargo 1618. F12000 c/ motor MWM. F14000 c/ motor MWM. F4000 c/ motor MWM.
MWM: Motor 4.10T, 6.10T c/ partida JF.
Puma: Caminhão 7000 série 79000 c/ motor MWM 4.10T a partir de 03/96.
Volkswagen: Caminhão c/ motor MWM X10. Volks Bus c/ motor MWM e partida JF.

0749T19 | - | CCW
Fam. 126**ORIGINAL**

Kawasaki: 131013701 - 131013703 - 131013705 - 131013706
Lester: 18330 - 18648 **Polaris:** 3240120 - 4060119
Yamaha: 6K8818071000 - 6M68183E0000

MOTOR

Zen: 12724 - 12725 - 12726 - 12727 - 12729 - 12730 - 12731

APLICAÇÃO / APLICACIÓN / APPLICATION

BRP: Sea Doo 947.
Kawasaki: 1100 - STX, ZXI E ULTRA 150. 650 - SC, X2. 750 - SS, ST, STS, STX, SX, SXI, TS, XI, ZXI. 900 - STX, ZXI.
Polaris: 1050 - SLTH, SLTX. 650 - SL, STD. 700 - Hurricane, SL, SLH, SLT, SLTX. 780 - SL, SLT, SLX. 900 - SL.
Yamaha: 1100 - Wave Raider, Venture. 1200/1200R-GP, XL Wave Runner. 650 - I, II, LX, Super Jet, VXR, VXRPRO, XR. 700/701 Wave Blaster, FX1 Raider, Runner, Super Jet, Venture, VXR. 760 - Wave Blaster II, GP, Raider, Runner.

0750T11 | - | CW
Fam. 124**ORIGINAL**

Lester: 17020 - 17197 - 17216
Nippondenso: 283006860
Isuzu: 8943677720

MOTOR

Nippondenso: 1280007500 - 1280009380

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Daytona 3.0. Fifty Avenue, Lebaron. Saragata 3.0. Voyager 3.3 V6 1990 1993.
ZEN: Utiliza Pinhão 9307.

0751T17 | - | CCW
Fam. 126**ORIGINAL**

Mitsuba: SM13
Polaris: 3084981

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Kawasaki: ATV 300 4x4. Magnum 2x4. Magnum 4x4 a partir de 94. Polaris - ATV 300 4x4, 400L 2x4, 400L Big Boss 6x6 Sportman 4x4. Trail Boss 250. Xplorer 4x4 (todos exceto 325cc).
Polaris

0752T9 | SPL6 | CW
Fam. 95**ORIGINAL**

Bosch: 1987BE0051
Lester: 6401 - 6432 - 6433
Lucas Indiel: 223333
Remy: 10497257

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Daewoo: Le Mans. Racer.
General Motors: Saturno 91.

0753



T9 | SPL9 | CCW
Fam. 96

ORIGINAL

Lucas Indiel: 228229 - 35258229

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort c/ motor Audi.
Volkswagen: Apollo c/ partida Lucas. Logus c/ partida Lucas.

0754



T11 | SPL6 | CCW
Fam. 108

ORIGINAL

MOTOR

Yamaha: 6k8818071000

APLICAÇÃO / APLICACIÓN / APPLICATION

Yamaha: LX500.

0755



T10 | SPL3 | CW
Fam. 20
Pode ser substituído por/
Puede ser cambiado por /Can be replaced by 0625

ORIGINAL

Bosch: 1987BE0046 **Facet:** 10621 - 10639 **Ford:** E6HZ11350A **Lester:** 6204 - 6348 - 6387 - 6391 - 6410 - 6467 **Remy:** 1986244 **Ww:** 10639

MOTOR

John Deere(SLC): E48134 **Remy:** 10461001 - 10461002 - 10461003 - 10461005 - 10461006 - 10461015 - 10461039 - 10461044 - 10461069 - 10478806 - 10478814 - 10478819 - 10478831 - 10478890 - 10478921 - 10478928 - 10478929 - 10478930 - 10478953 - 10478957 - 10479015 - 10479016 - 10479020 - 10479035 - 10479036 - 10479054 - 10479068 - 10479069 - 1990308 - 1990309 - 1990311 - 1990312 - 10478976 - 1990315 - 1990318 - 1990326 - 1990347 - 1990499 - 1993701 - 1993702 - 1993705 - 1993712 - 1993723 - 1993726 - 1993738 - 1993741 - 1993744 - 1993754 - 1993756 - 1993759 - 1993761 - 1993762 - 1993767 - 1993769 - 1993789 - 1993790 - 1993792 - 1993793 - 1993799 - 1993800 - 1993817 - 1993818 - 1993819 - 1993829 - 1993832 - 1993837 - 1993850 - 1993854 - 1993855 - 1993862 - 1993866 - 1993879 - 1993880 - 1993881 - 1993886 - 1993893 - 1993894 - 1993903 - 1993905 - 1993914 - 1993917 - 1993921 - 1993947 - 1993950 - 1993951 - 1993954 - 1993955 - 1993956 - 1993957 - 1993963 - 1993970 - 1993971 - 1993981 - 1993986 - 1993988 - 1993994 - 323818 - 323834 - 323835 - 323836 - 323837 - 323839 - 323840 - 323849 - 323868 - 323869 - 323879 - 323880

APLICAÇÃO / APLICACIÓN / APPLICATION

Cummins: Cummins c/ partida Delco Remy 37MT 12/24V 10D (VW Caminhões 06 cil. turbo). **Ford:** Caminhão Cargo c/ motor 7.8 lts. F800. **General Motors:** Caminhão Truck. Caminhões c/ motor Caterpillar e partida Delco Remy 37MT 12/24V. Caminhões 14190. **TCM EQUIPMENT Ag:** Série 37MT 12/24V (MB, VW, Ford). **Volkswagen:** Caminhão VW13.210, VW14.210, VW22.210, todos c/ motor Cummins 6cil. Turbo e partida Delco Remy 37MT.

0756



T11 | SPL6 | CW
Fam. 34

ORIGINAL

Bosch: 1987BE0052
Lester: 6449 - 6470 - 6472 - 6480 - 6482 - 6560 - 6561 - 6562 - 6563
Remy: 10465293 - 10475616

MOTOR

Remy: 10465167 - 9000786

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Blazer. Blazer 4.3 V6 ano 96 c/ partida Delco Remy. S10 c/ partida Delco Remy c/ motor 4.3 V6. Safari XT 1997 V6 4.3 gas. **Hyster:** H80xm. **Oldsmobile:** Bravada Regional 1998 V6 4.3 gas.

0758T9 | SPL8 | CW
Fam. 113**ORIGINAL**

Lester: 17437
Mitsubishi: M191T13571

MOTOR

Mitsubishi: M1T60381
Nissan-Datsun: 23300k9160

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Empilhadeira c/ partida Mitsubishi. Forklift.

0760T11 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: 2006209537

MOTOR

Bosch: 0001364203 - 0001364206

APLICAÇÃO / APLICACIÓN / APPLICATION

DAF: F2100, F2103, F2105, F2300.
Kawasaki: F2100, F2103, F2105, F2300, F2303, F2305, SB2500DH.

0762T10 | SPL9 | CCW
Fam. 97**ORIGINAL**

Lucas Indiel: 228368 - 228384 - 35258384

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: Escort c/ motor Audi 827 c/ MQ. Verona.

0764T11 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: F000AL1879 - 2006209465
Lester: 17318

MOTOR

Bosch: 0001362700 - 0001362701 - 0001362702

APLICAÇÃO / APLICACIÓN / APPLICATION

KHD: F2L 1011, F3L 1011, F4L 1011. KHD. 715 F2 L 1011. 716 F3 L 1011. 717 F4 L 1011. 721 BF4 L 1011.

0765



T8 | SPL10 | CCW
Fam. 50

ORIGINAL

Lester: 17152 - 17565
Nippondenso: 283004320

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: Midi.
Innocenti: Mini 3 cil.

0767



T10 | SPL6 | CW
Fam. 20

ORIGINAL

Lester: 6609
Remy: DRA3002D

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0768



T9 | SPL2 | CCW
Fam. 26

ORIGINAL

Fiat: 4120550
Magneti-Marelli: 74869711

MOTOR

Fiat: 4117351 - 4117464
Magneti-Marelli: 63220107 - 63220108 - 3220137

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 500D, 500F, 500L, 500R. Giardiniera.

0769



T9 | SPL6 | CCW
Fam. 26

ORIGINAL

Fiat: 9939837
Lucas Indiel: 222501

MOTOR

Fiat: 7533231

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 126 Bis. Uno. 133, 133L, 600.
Fiat Polsky: 126.

0770T9 | SPL6 | CW
Fam. 34**ORIGINAL**

Bosch: 1987BE0021
Lester: 6445 - 6481
Lucas: TDB974
Lucas Indiel: 223294
Remy: 10451980 - 10475974

MOTOR

Remy: 9000794 - 9000846

APLICAÇÃO / APLICACIÓN / APPLICATION

Daewoo: Cielo. Espero 2000 c/ motor GM e partida Delco Remy. Espero CD 2000. Racer.
General Motors: Astra 1.8 c/ partida Delco Remy. S10 c/ partida Delco Remy. Vectra CD c/ partida Delco Remy. Zafira.
Opel: Vectra CD 2000.

0771T10 | SPL3 | CW
Fam. 35**ORIGINAL**

Lucas Indiel: 227911 - 35257911

MOTOR

Lucas Indiel: 35257880

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: Peugeot 504 diesel c/ motor XD2 a partir de 95.
Renault: Pick-up Rodeo 4 cil. 2.1 diesel. R18 4 cil. 2.1 diesel. Trafic TA12, TA52, T312, 352, todos diesel, 4 cil. 2.1 diesel.

0772T9 | SPL3 | CW
Fam. 35**ORIGINAL**

Lucas Indiel: 228266 - 35258266

MOTOR

Lucas Indiel: 35258240

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Pick-up F100, F1000, F150, F4000 c/ motor MWM.
MWM: Motor 4 cil. (Ford F1000, F4000) c/ partida Lucas.

0773T9 | SPL6 | CCW
Fam. 108**ORIGINAL**

Lester: 17605 - 18416
Nippondenso: 0283006000 - 0283007710 - 0283007711
Sea Doo: 295500089

MOTOR

Nippondenso: 1280004860 - 1280004861 - 1280004880
ZEN: 12716

APLICAÇÃO / APLICACIÓN / APPLICATION

Sea Doo: GSX, GTI, GTS, GTX, HX, SP (c/ motor Bombardier), SP1, SPX, XP, 580, 650, 720 e 110 ano 1995.
 Todos os modelos exceto 951.

0774



T9 | SPL6 | CW
Fam. 34

ORIGINAL

Lester: 6452 - 6471
Remy: 10476642

MOTOR

Remy: CM9805 - 10465294 - 323489 - 9000805 - 9000812

APLICAÇÃO / APLICACIÓN / APPLICATION

Cadillac: Deville D'Elegance 1997 V8 4.6 gas. Eldorado ELC 1998 V8 4.6 gas. Eldorado ETC 1998 V8 4.6 gas. Eldorado Touring 1995 V8 4.6 gas. Eldorado Touring 1996 V8 4.6 gas. Eldorado Touring 1997 V8 4.6 gas. Seville SLS 1995 V8 4.6 gas. Seville SLS 1996 V8 4.6 gas. Seville SLS 1997 V8 4.6 gas. Seville SLS 1998 V8 4.6 gas. Seville STS 1995 V8 4.6 gas. Seville STS 1996 V8 4.6 gas. Seville STS 1997 V8 4.6 gas.

0775



T9 | SPL9 | CW
Fam. 85

ORIGINAL

Citroën: 96017849
Lucas: TMB281
Lucas Indiel: 223900
Paris-Rhone: 182412 - 184448 - 594029 - 594031
Valeo: NE778 - NE784 - 184448 - 594029 - 594031

MOTOR

Valeo: D6RA12 - D6RA16 - D6RA18 - D6RA20 - D6RA23 - D6RA26 - D6RA37 - D6RA38 - D6RA41 - D6RA45 - D6RA5 - D6RA51 - D6RA57
D6RA6 - D6RA66 - D6RA72

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: AX, AX 1.4 diesel, AX Sport, BX14, BX16, BX19, MOT, XM, XU10. XM 2.0, 3.0.
Peugeot: 205, 205 GTI, 305, 305 1.6, 307, 309, 405, 605, 605 2.0. Rallye.
Renault: Safrane 2.0, 2.2.

0776



T12 | SPL19 | CW
Fam. 51

ORIGINAL

Leece-Neville: M029075249

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0778



T11 | SPL19 | CW
Fam. 51

ORIGINAL

Leece-Neville: M02909722

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0779T9 | SPL6 | CW
Fam. 47**ORIGINAL**

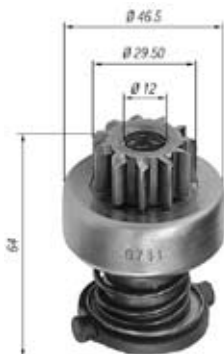
Bosch: 1987BE0124
Fiat: 9945556 **Lucas:** TMB009
Lucas Indiel: 223307
Magneti-Marelli: 85540971 - 85541780 - 9945556 - 9948346

MOTOR

Fiat: 46417006 - 46429594 - 46465475 - 7772459 - 7772462 - 7785949 - 7796598
Magneti-Marelli: 46414994 - 46415504 - 46417006 - 46429594 - 46465475 - 63101000 - 63101002 - 63102003 - 63102004
 63102007 - 63102008 - 63103002 - 63103003 - 631101002 - 63201008 - 63222889 - 63222900 - 63222901 - 63222905 - 63222908
 63222909 - 63222936 - 63223035 - 63223085 - 63223101 - 63223108 - 63223109 - 63223200 - 63223303 - 7733966 - 7772459
 7772462 - 7785949

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Brava/o 1.4, 1.6. Cinquecento 0.9, 1.1. Fiorino. Palio 1.0, Palio 1.6 16V. Palio Weekend 1.5. Panda Young. Punto 55, 60, 75, 90. Punto I, II. Siena. Strada. Tipo 1.6. Uno Sting.
Lancia: Dedra 1.6. Delta, Y 1.1, 1.2, 1.4.

0781T11 | SPL10 | CW
Fam. 106**ORIGINAL**

Bosch: 1006209555
Lester: 18255

MOTOR

Bosch: 0001317024

APLICAÇÃO / APLICACIÓN / APPLICATION

Farymann: 36, 40 séries. Motores-Marine 36A 0.6L diesel, Marine 36E 0.6L diesel, Marine 41A 0.7L diesel. Marine 41E 0.7L diesel.

0783T9 | SPL3 | CW
Fam. 17**ORIGINAL**

Lester: 6473 - 6474 - 6483 **Remy:** 10487536

MOTOR

Remy: 10455069 - 10455081 - 1358859 - 2058

APLICAÇÃO / APLICACIÓN / APPLICATION

Buick: Century 4 cyl 2.2L. Century Custom 1996 L4 2.2 gas. Century Custom 1996 V6 3.1 gas. Century Limited 1996 L4 2.2 gas. Century Limited 1996 V6 3.1 gas. Century Special 1996 L4 2.2 gas. Century Special 1996 V6 3.1 gas. Regal Custom 1996 V6 3.1 gas. Regal Gran Sport 1996 V6 3.1 gas. Regal V6 3.1. Skylark Custom 1996 V6 3.1 gas. Skylark Custom 1997 V6 3.1 gas. Skylark Gran Sport 1996 V6 3.1 gas. Skylark Gran Sport 1997 V6 3.1 gas. Skylark Limited 1996 V6 3.1 gas. Skylark Limited 1997 V6 3.1 gas. **Chevrolet:** Beretta Z26 1996 V6 3.1 gas. Cavalier LS 1996 L4 2.2 gas. Cavalier LS 1997 L4 2.2 gas. Cavalier LS 1998 L4 2.2 gas. Cavalier RS 1997 L4 2.2 gas. Cavalier RS 1998 L4 2.2 gas. Lumina LS 1996 V6 3.1 gas. Monte Carlo LS 1996 V6 3.1 gas. **General Motors:** Cavalier 4 cil. 96. Lumina V6 3.1 lts. e 4.0 lts. Minivan 3.4 lts. Monte Carlo V6 3.1 lts. MPV V6 3.4 lts. **Hyster:** Empilhadeira H55XM c/ motor GM 2.2. **Oldsmobile:** Achieva SC 1996 V6 3.1 gas. Achieva SC 1997 V6 3.1 gas. Achieva SL 1996 V6 3.1 gas. Achieva SL 1997 V6 3.1 gas. Ciera SL 1996 L4 2.2 gas. Ciera SL 1996 V6 3.1 gas. Cutlass GLS 1997 V6 3.1 gas.
Pontiac: Grand AM GT 1996 V6 3.1 gas. Grand AM GT 1997 V6 3.1 gas. Grand AM GT 1998 V6 3.1 gas. Grand AM SE 1996 V6 3.1 gas. Grand AM SE 1997 V6 3.1 gas. Grand AM SE 1998 V6 3.1 gas. Grand PRIX SE 1996 V6 3.1 gas. Grand PRIX SE 1997 V6 3.1 gas. Sunfire SE 1996 L4 2.2 gas.

0784T9 | SPL10 | CCW
Fam. 15**ORIGINAL**

Bosch: 2006209434
Lester: 17308
Lucas Indiel: 223908

MOTOR

Bosch: 0001367061

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: Colheitadeira/Combine/Cosechadora.
Fiat

0785T15 | SPL12 | CW
Fam. 27**ORIGINAL**

Hitachi: 213065002
Lester: 18204 - 18208 - 18295

MOTOR

Hitachi: 51277A - 51279 - 51337 - 51341 - 51341A

APLICAÇÃO / APLICACIÓN / APPLICATION

Yanmar: Trator/Tractor.

0786T9 | SPL6 | CW
Fam. 38**ORIGINAL**

Bosch: 1987BE0053
Fiat: 9939915 - 9940577 - 9941300 - 9941306
Lucas: TMM901
Lucas Indiel: 223124
Magneti-Marelli: 74893901 - 74896531 - 85540011 - 85540081 - 85540381 - 85540411

MOTOR

Magneti-Marelli: 63221800 - 63221830 - 63221832 - 63221834 - 63221890 - 63221892 - 63222831 - 63222832 - 63222833
63222836 - 63222837 - 63222838 - 63222897 - 63223001 - 63223031 - 63223032 - 63223033 - 63223034

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Besta 1.0.
Fiat: Cinquecento 0.7, 0.9. Nueva Cinquecento 704, 903. Palio 1.5. Panda Fire 750 (1.0). Strada. Tempra. Tipo 1.1, 1.4, 1.6, 2.0 c/ partida Marelli. Tipo Fire. Uno Fire, Uno Fire 45.
Kia: Besta 1000 cc.
Lancia: Dedra I.E 1.6, Y10 Fire. R12.
Renault: Trafic à gasolina ano 95 (5 marchas).
Seat: Ibiza, Malaga, Ronda.

0787T9 | SPL10 | CW
Fam. 86**ORIGINAL**

Lester: 17667
Lucas Indiel: 221293
Valeo: NE875 - 186867 - 186938 - 187960 - 188887 - 594214

MOTOR

Valeo: D6RA - D6RA141 - D6RA511 - D6RA53 - D6RA571 - D6RA572 - D6RA63 - D6RA661 - D6RA721

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: Saxo 1.0, 1.4. Xantia 1.6, 1.8i, 2.0i 16V. XM 2.0i. Xsara 1.8, 2.0 16V. ZX 1.0, 1.4, 1.6, 1.8, 2.0 16V.
JPX: Jeep XUD9A, Jeep (todos).
Peugeot: 106, 106 1.0. 205. 206. 306 1.6, 1.8, 2.0, 2.0 16V. 405 1.6, 1.8, 1.9, 2.0. 406 1.6, 1.8, 2.0 16V. 806.
Renault: Espace, Laguna 16V. Master, Safrane V6, Trafic gasolina.
Volvo: S40.

0790T9 | - | CW
Fam. 122**ORIGINAL**

Hitachi: 211415507 - 211485501 - 21301502 - 213065001 - 213075004
Lester: 16733 - 16809 - 18053 - 18054 - 18061
Nissan-Datsun: 2331210G00 - 2331211M00 - 23354V0700 - 2354V0700
Porsche: 21301502 - 213065001 - 213075004 - 2331211M00 - 23354V0700

MOTOR

Hitachi: S1143557A - S114357 - S114357A - S114357B - S114357C - S114395A - S114935A - S13102 - S13104 - S13105A - S1347
S1347A - S1350 - S1350A - S1356 - S1356A - S1365 - S1366A - S13666A - S1369 - S1381
Nissan-Datsun: 23300 - 23300V0703 - 23300V0700 - 23300V0702 - 23300V0703 - 23300V0705 - 23300V0706 - 23300V0702 - 23300V700
23300V7260 - 23300W2500 - 23300W2804 - 2330005E00 - 233000500 - 23300054A01 - 2330006W61 - 233000703 - 2330010G02
23300100G02 - 2330011M00 - 2330011M00 - 2330011M02 - 2330011N00 - 2330038W00 - 233005E00 - 2330054A01 - 2330083W00
2330090E00 **Porsche:** 2330005E00 - 23300W2804 - S1347A - S1350 - S1369

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: CD 17. CD 20. Forklift. Patrol 3.3 D. Vanette D. Cherry/Stanza/Sunny 1.7D.

0791T8 | - | CW
Fam. 122**ORIGINAL**

Hitachi: 211435507
Lester: 16694 - 16803 - 16982
Nissan-Datsun: 23312M4902

MOTOR

Hitachi: S114252 - S114252A - S114252C - S114252E - S114252F - S114322 - S114322A - S114393 - S114403B
Nissan-Datsun: 23300D0300 - 23300D0301 - 23300M4900 - 23300M4901 - 23300M4903 - 23300M4904 - 2330004E00 - 2330004E01 - 2330005P01

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: 2220 SX. 310. 310 GX 1980 L4 1.4 gas. 310 GX 1981 L4 1.5 gas. Bluebird 2.0. Primera 2.0. Silvia 1.8. Stanza. Stanza 4WD. Sunny GTI 16V.

0792T9 | - | CW
Fam. 122**ORIGINAL**

Hitachi: 213035009 - 213075002 - 213075003 - 213085003
Lester: 17088 - 18067
Thermo King: 446676 - 446681

MOTOR

Thermo King: 451229 - 451263 - 451285

APLICAÇÃO / APLICACIÓN / APPLICATION

Isuzu

0793T8 | - | CCW
Fam. 122**ORIGINAL**

Lester: 16816 - 17178
Nissan-Datsun: 2331236A00

MOTOR

Hitachi: 5114440 - 5114475A - 5114486 - 51384B - 51389
Nissan-Datsun: 2330036A00

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: E16. NX 1600. NX 2000. Pulsar 1.6. Sentra 1.6.

0794T10 | SPL10 | CCW
Fam. 100**ORIGINAL**

Bosch: 1006209551

MOTOR

Bosch: 0001110033

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F1000 c/ motor 4.9 L à gasolina.
Goldoni: Transcar 25.
Hatz: 2 G, séries.
Lombardini: 12LD.
Ruggerini: RD, RDK, RDM, RF, RK, RM.

0796T9 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 9002336208 - 9003336208
Lucas: TMB208
Lucas Indiel: 223295

MOTOR

Bosch: 9000331419

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 180 D Furgão, Pick-up. MB100, 120, 140, 160, 180. MB180D. Sprinter c/ partida Bosch.

0797T9 | SPL10 | CW
Fam. 84**ORIGINAL**

Bosch: 1006209580
Lucas Indiel: 223918

MOTOR

Bosch: 0001109001 - 0001109002 - 0001109006

APLICAÇÃO / APLICACIÓN / APPLICATION

Seat: Seat. Terra 1.4 D.
Volkswagen: Polo 1.4 D. VW.

0798T9 | SPL10 | CCW
Fam. 100**ORIGINAL**

Bosch: 1006209535
Lester: 17023
Lucas Indiel: 223919

MOTOR

Bosch: 0001108021 - 0001108147

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort c/ motor Audi.
Porsche: 924, 944.

0799T9 | SPL10 | CCW
Fam. 102**ORIGINAL**

Bosch: F000AL2012 - 1006209585 - 1006209679 - 1006209916
Lester: 17222 - 17415
Lucas: TMB585
Lucas Indiel: 223125

MOTOR

Bosch: 0001107007 - 0001107008 - 0001107020 - 0001107021 - 0001107052

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Tipo 1.8 i.e., 2.0 i.e., 2.0 i.e. 16V.
Ford: Galaxy 2.0.
Seat: Alhambra 2.0. Cordoba 1.6, 1.8, 1.8 16V, 2.0. Ibiza 1.8, 2.0 Toledo 1.8, 2.0.
Volkswagen: Caravelle 2.0. Corrado 1.8. Golf 1.8. Golf GL 1992 L4 1.8 gas. Golf GTI 2.0. Golf GTI 8-Valve 1992 L4 1.8 gas. Golf II 1.8. Golf III 1.6, 1.8, 2.0. Golf III 1.8. Jetta 1.8, 2.0. Jetta Carat 1991 L4 1.8 gas. Jetta Carat 1992 L4 1.8 gas. Jetta GL 1991 L4 1.8 gas. Jetta GL 1992 L4 1.8 gas. Passat 1.6, 1.8, 2.0. Passat Alemão. Vento 1.8, 2.0.

0800T11 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 1006209541
Lucas Indiel: 223920

MOTOR

Bosch: F010AL0101 - 0001110017 - 0001110999

APLICAÇÃO/APLICACIÓN/ APPLICATION

Citroën: BX17, BX19, Visa 17, todos diesel. Jumper 1.9D. Visa 17 D.
Peugeot: 205 D, 305 D, 309 D, 405 D. 205, 405 diesel, 305, 309, 306 1.9 D a partir de 09/97.
Talbot: Horizon D. Solara D.

0801T10 | SPL8 | CW
Fam. 110**ORIGINAL**

Lester: 17467
Lucas Indiel: 220401
Mitsubishi: M191T14271 - M191T76081

MOTOR

Chrysler: 56004934
Mitsubishi: M1T76081

APLICAÇÃO/APLICACIÓN/ APPLICATION

Chrysler: Jeep Cherokee c/ partida Mitsubishi.
Mitsubishi: L300.

0803T9 | SPL10 | CW
Fam. 106**ORIGINAL**

Bosch: 1006209564 **Lester:** 17013 - 17276 - 17670

MOTOR

Bosch: 0001108075 - 0001108091 - 0001108092 - 0001108151 - 0001108154

APLICAÇÃO/APLICACIÓN/ APPLICATION

Ford: Scorpio. Sierra 2.8.
Jeep: Cherokee SE 1994 L4 2.5 gas. Wrangler S 1994 L4 2.5 gas. Wrangler SE 1994 L4 2.5 gas. **Saab:** 900 S 1991 L4 2.1 gas. 900 S 1992 L4 2.1 gas. 900 S 1993 L4 2.1 gas. 900 S 1994 L4 2.1 gas. 900 S 1994 L4 2.3 gas. 900 S 1995 L4 2.3 gas. 900 S 1996 L4 2.3 gas. 900 S 1997 L4 2.3 gas. 900 S 1998 L4 2.3 gas. 900 SE Turbo 1997 L4 2.3 gas. 900 Turbo. 9000 Aero 1993 L4 2.3 gas. 9000 Aero 1994 L4 2.3 gas. 9000 Aero 1995 L4 2.3 gas. 9000 Aero 1996 L4 2.3 gas. 9000 Aero 1997 L4 2.3 gas. 9000 CD 1991 L4 2.3 gas. 9000 CD 1992 L4 2.3 gas. 9000 CD 1993 L4 2.3 gas. 9000 CD 1994 L4 2.3 gas. 9000 CDE 1993 L4 2.3 gas. 9000 CDE 1994 L4 2.3 gas. 9000 CS 1993 L4 2.3 gas. 9000 CS 1994 L4 2.3 gas. 9000 CS 1995 L4 2.3 gas. 9000 CS 1996 L4 2.3 gas. 9000 CS 1997 L4 2.3 gas. 9000 CSE 1993 L4 2.3 gas. 9000 CSE 1994 L4 2.3 gas. 9000 CSE Turbo 1995 L4 2.3 gas. 9000 CSE Turbo 1996 L4 2.3 gas. 9000 CSE Turbo 1997 L4 2.3 gas. 9000 CSE Turbo 1998 L4 2.3 gas. 9000 Griffin Edition 1992 L4 2.3 gas. 9000 S 1990 L4 2.3 gas. 9000 S 1991 L4 2.3 gas. 9000 S 1992 L4 2.3 gas. 9000 SPG 1991 L4 2.3 gas. Coupè, 9000.

0805T11 | SPL10 | CCW
Fam. 102**ORIGINAL**

Bosch: 1006209578 - 1006209923
Lucas Indiel: 223296

MOTOR

Bosch: 0001108099

APLICAÇÃO/APLICACIÓN/ APPLICATION

Lada: Samara 1.1, 1.3, 1.5. Samara c/ partida Bosch.

0806



T12 | SPL8 | CW
Fam. 112

ORIGINAL

Lucas Indiel: 223297
Mitsubishi: M191T13671 - M191T14671

MOTOR

Mitsubishi: M1T80081 - M1T90281

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Citroën. Evasion TD. Jumper. Jumpy. Xantia TD. ZX TD.
JPX: Jeep c/ partida Mitsubishi.
Mitsubishi
Peugeot: 306, 405, 405D, 406, 806. Boxer. Expert.
Willys: Pick-up após 94.

0809



T9 | SPL5 | CW
Fam. 34

ORIGINAL

Lester: 17203 - 17252 - 17253
Lucas Indiel: 223927
Nippondenso: 283006070 - 283006960
Toyota: 2801170020

MOTOR

Honda: 31200PLRA52
Lucas: LRS2163
Nippondenso: 1280005211 - 1280005680 - 1280006340 - 1280006720 - 1280008530 1280008531 - 1280008890 - 1280008891
1280009290 - 1280009291 - 4280000320 - 4280000321 - 4280001590

APLICAÇÃO/APLICACIÓN/APPLICATION

Daihatsu: Charmant 1300. **Honda:** Civic.
Toyota: 4A, 5A, 4E, 5E. Carina II 1.6. Celica 1.6 GT 16V. Corolla 1.3. Corolla 1.6. Corolla 1.6 GTi 16V / Twin Cam / Coupe 1.6 GT16V.
Lite-Ace 1.5 B. MR-2 1.6 GT. Paseo. Starlet 1.0, 1.2, 1.3. Tercel.

0813



T10 | SPL4 | CW
Fam. 41

ORIGINAL

Lester: 16655 - 17371
Nippondenso: 0283001860

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

0814



T10 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209432
Lester: 18035

MOTOR

Bosch: 0001367054

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: Trator MX135.

0815T9 | - | CW
Fam. 125**ORIGINAL**

Lester: 16845 - 16901 - 16902 - 16914 - 16960 - 16975 - 17160 - 17201 - 17205 - 17474 - 17491 - 17527
Mitsuba: 31204PD1003

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Honda: Accord. Civic. CRX. Prelude.

0816T10 | - | CW
Fam. 124**ORIGINAL**

Lester: 17466 - 17485
Nippondenso: 283007270

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

ZEN: Utiliza pinhão ZEN 9349.

0817T10 | - | CW
Fam. 124**ORIGINAL**

Lester: 17460 - 17465
Nippondenso: 283007720

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Chrysler: Caravan 92 a 97. Concorde 93 a 97. Dodge Eagle Vision Intrepid 93 a 97. Dodge Fifth Avenue 93. Dynanty 90 a 93. Imperial. New Yorker. Town & Country 92 a 97.

ZEN: Utiliza pinhão ZEN 9492.

0818T9 | - | CW
Fam. 124**ORIGINAL**

Nippondenso: 0283006990 - 0283007170

MOTOR

Nippondenso: 1280008210
Toyota: 2810016270

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors

Honda: Accord, Civic. Honda (redução).

Isuzu

Toyota: Corolla.

Yale: Empilhadeira.

0820



ORIGINAL

Lucas: TMB182 - 54291735

MOTOR

Lucas: 26903A - 26913A - 26921 - 26925 - 26929A/B - 26931A/B - 26935B

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier. Escort diesel. Escort III 1.6 D, 1.8 D. Fiesta 1.6 D, 1.8 D. Orion 1.6 D, 1.8 D. Sierra.

0821



ORIGINAL

Lucas: TMB171 - 54290840

MOTOR

Lucas: 26707A/L - 26708 - 26713A/D - 26716B - 26804A/E - 26809A - 26810A - 26816 - 26823 - 26824

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Mondeo.

Rover: 216.

0822



ORIGINAL

Lucas: TMB174 - 54292929

MOTOR

Lucas: M79 - 26702 - 26702E/K - 26717A - 26811A - 26812A/D

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: Maestro 2.0.

Rover: 111, 114, 214, 820. Maestro 1.3, 1.6, 2.0, 2.0 Turbo. Metro 1.0, 1.1, 1.3. Mini Cooper 1.3. Montego 2.0 Turbo. TNB176.

0823



ORIGINAL

Lucas: TMB167 - 54291911

Lucas Indiel: 221167

Magneti-Marelli: 85541488 - 85541544

MOTOR

Lucas: M79 - 26600E/F - 26601E/F - 26605A - 26609F/J - 26613E/H - 26616A/B - 26619A/D - 26620A - 26621A/B - 26624A/D - 26626A/B - 26628 - 26628A - 26654B/D - 26678B - 26679B - 26680B - 26681B - 26689 - 26695

Magneti-Marelli: 63227004 - 63227005 - 63227006 - 63227007 - 63227008 - 63227009 - 63227010 - 63227014 - 63227016 - 63227017 - 63227028 - 63227038

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier 1.3. Escort 1.3, 1.4, 1.6, 1.8. Fiesta 1.0, 1.4, 1.8. Granada 2.0. Mondeo 95 CLX 16 V. Orion 1.3, 1.4, 1.6. Sierra 1.6, 1.8, 2.0.

Leyland: Sherpa 1.7, 2.0.

Rover: 111, 114, 214, 216, 820. Maestro 1.3, 1.6, 2.0, 2.0 Turbo. Metro 1.0, 1.1, 1.3. Mini Cooper 1.3. Montego 2.0 Turbo.

0825T10 | SPL8 | CW
Fam. 110**ORIGINAL**

Lester: 17461 - 17559 - 17561
Lucas Indiel: 220402
Mitsubishi: M191T14371 - M191T15271 - M001T74281ZC

MOTOR

Chrysler: 56041014
Mitsubishi: M001T74287ZC - M001T79482

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Jeep Cherokee c/ partida Mitsubishi.

0826T10 | SPL3 | CW
Fam. 35**ORIGINAL**

Lucas Indiel: 220206 - 35260206

MOTOR

Lucas Indiel: 35258440

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: D20 c/ motor Maxion.
Perkins: Maxion - GM D20 c/ partida Lucas.

0828T9 | SPL5 | CW
Fam. 118**ORIGINAL**

Hitachi: 211475014
Lester: 17246

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0830**T8 | SPL5 | CW
Fam. 34**ORIGINAL**

Lester: 16879
Nippondenso: 283005820

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Daihatsu: Feroza 4x4.

0831T9 | SPL12 | CCW
Fam. 21**ORIGINAL**

Pal: 443937150171
Skoda: 115904030

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Skoda: Favorit. Felicia. Forman. Kamyonet. Otomobil.

0832T9 | SPL10 | CW
Fam. 47**ORIGINAL**

Hitachi: 211415508
Honda: 31207PE0005
Isuzu: 5811230360
Lester: 16843 - 18056 - 18322

MOTOR

Hitachi: S114385 - S114387 - S114396 - S114396D - S114412 - 5811001921 - 5811002150
Honda: 31200PE0015
Isuzu: 5811001920 - 5811002150

APLICAÇÃO / APLICACIÓN / APPLICATION

Honda: CAL 1.5L, CA, 1300 EJI. Civic 1.3. Civic 1300 1987 L4 1.3 gas. Civic 1300 STD 1984 L4 1.3 gas. Civic 1300 STD 1985 L4 1.3 gas. Civic 1300 STD 1986 L4 1.3 gas. Civic DX 1984 L4 1.3 gas. Civic DX 1985 L4 1.3 gas. Civic DX 1986 L4 1.3 gas. Civic DX 1987 L4 1.3 gas. CRX 1300 1984 L4 1.3 gas. CRX 1500 1984 L4 1.5 gas. CRX 1500 1985 L4 1.5 gas. CRX 1500 1986 L4 1.5 gas. CRX 1500 1987 L4 1.5 gas. CRX 1500 HF 1985 L4 1.5 gas. CRX 1500 HF 1986 L4 1.5 gas. CRX 1500 HF 1987 L4 1.5 gas. CRX 1500 HF 1988 L4 1.5 gas. CRX 1500 HF 1989 L4 1.5 gas. CRX 1500 SI 1985 L4 1.5 gas. CRX 1500 SI 1986 L4 1.5 gas. CRX 1500 SI 1987 L4 1.5 gas. CRX DX 1988 L4 1.5 gas. CRX DX 1989 L4 1.5 gas. CRX DX 1990 L4 1.5 gas. CRX EVI, CVCC 1500, EMI, D13, HB. CRX HF 1990 L4 1.5 gas. CRX HF 1991 L4 1.5 gas. FED 1.3. Sedan W-MT.
Rover: 213.

0836T9 | SPL8 | CW
Fam. 47**ORIGINAL**

Lucas Indiel: 229988
Mitsubishi: M191T22471

MOTOR

Mitsubishi: M2T48381 - M3T32985

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 106, 206.
Renault: Clio.

0837T9 | SPL10 | CW
Fam. 84**ORIGINAL**

Bosch: F000AL1040 - F000AL1238 - F000AL1679 - F000AL1680 - F000AL1692 - 9001081022
Lucas: TMB022
Lucas Indiel: 223126

MOTOR

Bosch: F000AL0304 - F000AL0309 - F000AL0310 - F000AL0314 - 9000081003

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Doblo. Palio Fire. Palio Weekend 1.0 8V e 16V. Palio Weekend 1.3 MPI 16V. Palio 1.0 8V e 16V. Palio 1.3 MPI 16V. Siena 1.0 MPI 16V. Siena 1.3 MPI 16V. Strada 1.0 8V. Strada 1.3 16V. Uno Mille Fire.
General Motors: Celta 1.0i. Corsa 1.0, 1.4, 1.6 EFI.
Renault: Clio 1.6i a partir de 07/96. R19 1.6i a partir de 07/96.

0838T9 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 9003336282
Lucas Indiel: 223302

MOTOR

Bosch: 9000331418

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Iveco: Ducato Argentino 1997.
Lombardini: LDA672, 673.
MWM: Diter D302, D325, D889, D890, D900, D989.

0841T9 | SPL5 | CW
Fam. 34**ORIGINAL**

Nippondenso: 0283005400 - 2801113060

MOTOR

Nippondenso: 1280007740 - 185086440

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: 4K, 5K.

0843T8 | SPL5 | CW
Fam. 34**ORIGINAL**

Valeo: BD7E17 - D7E15 - NE971 - 18205 - 182848 - 187788 - 190205 - 230205 - 300305 - 494829 - 594345

MOTOR

Valeo: BD7E17 - BD7R1 - D7E15 - D7E17 - D7E4 - D7E6 - D7E8 - 93264950

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Celta 1.0, Corsa.
Renault: Clio c/ partida Valeo. Clio 1.6. Kangoo 1.6. Laguna Nevada 1.6. Laguna 1.8, 2.0. Megane 1.6. R11 1.6 . R12 1.6 . R19 1.6 . R9 1.6, 1.7. Scenic 1.6.

0844T9 | - | CW
Fam. 122**ORIGINAL**

Hitachi: 213035004
Lester: 17138

MOTOR

Hitachi: S1391

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: LT TD.
Volvo: 240 D, 740 TD, 940 TD.
ZEN: Utiliza pinhão ZEN 9566.

0846



T11 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: F000AL1023 - 9001081066
Lucas: TMB066
Lucas Indiel: 223127

MOTOR

Bosch: F000AL0300 - F000AL0305 - F010AL0301 - 9000081009

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Palio 1.0 MPI 8V, 1.3. Palio 1.6 Argentino. Palio Weekend 1.0, 1.5. Siena 1.0, 1.5. Stilo 1.9 JTD. Strada 1.5. Uno. Uno 96 SX. Uno Mille Eletronic.
Peugeot: 205, 306, 405, 406.

0850



T9 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 18193
Remy: 0215002001

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0851



T10 | SPL10 | CCW
Fam. 103

ORIGINAL

Bosch: 9002336204
Lucas: TMB475

MOTOR

Bosch: 0001218116

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: LT28, 31, 35, 40. TL 2.4 diesel.

0852



T8 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209613
Lester: 17560 - 17563
Lucas Indiel: 223960

MOTOR

Bosch: 0001107049

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Néon.

0853T8 | SPL8 | CW
Fam. 47**ORIGINAL**

Lester: 16579
Mitsubishi: M191T22571
Nissan-Datsun: 23354T5000

MOTOR

Mitsubishi: M2T20181 - M2T20181D
Nissan-Datsun: 23300H5014

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: A12, A15. Forklift.

0854T8 | SPL6 | CCW
Fam. 34**ORIGINAL**

Lucas: TMB008
Remy: 10475958

MOTOR

Remy: 10455505

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Towner. Towner c/ motor Daewoo.

0855T11 | SPL10 | CW
Fam. 84**ORIGINAL**

Bosch: F000AL1693 - 9001081042
Lucas: TMB042
Lucas Indiel: 223305

MOTOR

Bosch: F000AL0100 - 9000081005 - 9000081008

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Palio Weekend 1.6 16V. Palio 1.6 16V. Siena. Tempra 2.0 MPI 16V. Tempra 2.0 SPI 8V. Tempra 2.0 Turbo MPI 8V. Tempra 2.0 8V. Uno.

0856T9 | SPL12 | CW
Fam. 115**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

0857



T9 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209469 - 1006209470 - 1006209473
Fiat: 9936671
Lester: 16543 - 16954 - 17043

MOTOR

Bosch: 0001211146 - 0001314026 - 0001314027 - 0001314028 - 0001314029 - 0001314030 - 0001314033 - 0001314034 - 0001314035
 0001314036 - 0001314037 - 0001314038 - 0001316004
Fiat: 4392461 - 5997307 - 5997309

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Regata 1.7 diesel. Ritmo 1.7 D. Ritmo diesel.
Mercedes Benz: 190E, 190, 200, 230, 250, 280, L410, O309.
Peugeot: 305 diesel.
Talbot: Horizon D.
Volkswagen: LT28, LT31, LT35, LT40, LT45, LT50 (2.4 Engine).

0860



T10 | SPL9 | CDW
Fam. 129

ORIGINAL

Lucas: 35258396
Lucas Indiel: 228396

MOTOR

Lucas Indiel: 35258270 - 35258640 - 35259060

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: Parati c/ partida Lucas. Pointer 1.8 e 2.0 lts c/ motor Audi 827. Polo Classic 2.0 c/ partida Lucas.

0861



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 9002336226 - 9003336227 - F000AL1872
Lucas Indiel: 223965

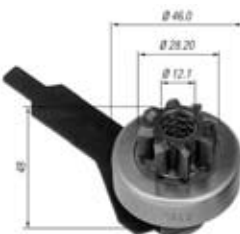
MOTOR

Bosch: 0001218168 - 9000331432 - 9000331433

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: F100, F150, F1000 diesel c/ motor Maxion TN1 HSD (1997). Ranger, Transit.
General Motors: Blazer 2.5 diesel. Pick-up S10 diesel.
Land Rover: Defender 2.5 D. Defender 2.5 Diesel Gemini TCI D.I. 23L. Defender 2.5 Turbo 90-01. Diesel Maxion H54TCC 98-... Discovery 2.5 TDi 12L, 21L 89-94. Discovery 2.5 TDi 16L 93-98. Range Rover I 2.5 TDi Classic 14L 92-94. Range Rover I 2.5 TDi Classic 300 TDi 94-96.
Mercedes Benz: Sprinter c/ partida Bosch.
Perkins: Maxion - HSD (Maxion High Speed). GM - S10, Blazer. Ford - F1000. MB - Sprinter.

0863



T8 | SPL9 | CW
Fam. 99

ORIGINAL

Lucas: TMB196 - 54292464
Magneti-Marelli: 85541503
Nissan-Datsun: 2331290J00

MOTOR

Lucas: 26667 - 27022 - 27047
Magneti-Marelli: 63227022 - 63227043 - 63227046 - 63227047 - 63227051 - 63227577
Nissan-Datsun: 2330070J00

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: Primera 1.6.

0866**ORIGINAL**

Bosch: F000AL1705 - 9001081052
Lucas: TMB052
Lucas Indiel: 223128

MOTOR

Bosch: F010AL0103 - 9000081006 - 9000081007

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Gol II 1.8 Mi. Gol II 2.0 Mi. Gol II 2.0i. Gol III. Gol 1.6 D. Parati. Quantum Mi 1.8, 2.0. Quantum Mi 1.8, 2.0 c/ câmbio automático. Santana Mi 1996. Saveiro. Senda.

0868**ORIGINAL**

Bosch: 1987BE0054
Lucas Indiel: 227824 - 35257824

MOTOR

Lucas Indiel: 35257700

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: Peugeot 504, 505 diesel c/ motor XT2 e partida Lucas Indiel.

0871**ORIGINAL**

Bosch: F000AL1440 - F000AL1697 - 9001690057 - 9001690067

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Mazda: 323 1.3, 1.5 8T.

0874**ORIGINAL**

Bosch: 9001692097

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Mazda: 323 1.4, B1600, 2000LDV.
Toyota: Corolla 1.3, 1.6 8T.

0875T9 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 9002336218 - 9002336283 - 9003336283 - 9009996289 - F000AL1881
Fiat: 9939710
Lucas Indiel: 223976

MOTOR

Bosch: 0001217174 - 0001218014 - 0001218019 - 0001218024 - 0001218101 - 0001218102 - 0001218103 - 0001218152 - 0001218159
 0001218174 - 0001218774 **Iveco:** 99451753

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: Alfa Romeo 14AR 6 Turbo.
Citroën: Jumper 2.8 D Turbo.
Fiat: Argenta 2.5, Argenta D. Croma 2.5 Turbo, Croma D, TD. Ducato D.
Fiat Iveco: Daily 2.8 TD 12 V. Daily Turbo diesel 35.10, 49.10, 09.09, c/ partida Bosch (0.001.218.174). Ducato 14, 14 4x4, 18, 18 Maxi.
 Otoyol Kamyonet, Otoyol Minibus.
Lancia: Thema Turbo diesel.
Renault: Master D, Master. P35 D, T35 D, Trafic D.

0878T11 | SPL10 | CW
Fam. 38**ORIGINAL**

Fiat: 9941846
Magneti-Marelli: 85540321 - 85541040

MOTOR

Magneti-Marelli: 63223430 - 63223431 - 63223432 - 63223436 - 63223530 - 63223531 - 63223532

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Croma 2.0. Panda D. Tempra 1.8, 2.0, 4x4. Tempra SW. Tipo 1.6, 1.8, 2.0. Uno D.
Lancia: Dedra 1.8, 2.0. Delta 1.8, 2.0. K 2.0, 2.4 (20V). Thema 2.0.
Lombardini: LDW502, 602, 903, 1204.

0879T13 | SPL19 | CW
Fam. 51**ORIGINAL**

Leece-Neville: M029013539 - 13539 - 71158
Lester: 3052 - 3054 - 3065 - 3789 - 3796 - 6219 - 6220
Lucas Indiel: 223979
Prestolite: PD13A - 59225
Remy: 1932603 - 1985131

MOTOR

Leece-Neville: 7282M - 7408MA - 8282M
Prestolite: MES6403JUT
Remy: 1113350 - 1113369 - 1113374 - 1113801 - 1113804 - 1113811 - 1113817

APLICAÇÃO/APLICACIÓN/APPLICATION

TCM Equipment Ag: Série 40MT séries. Série 42/50MT 12/24V.

0887T20 | SPL5 | CW
Fam. 128**ORIGINAL**

Lester: 17577 - 17578
Mitsubishi: M8T50071 - M8T50171

MOTOR**APLICAÇÃO/APLICACIÓN/APPLICATION**

Caterpillar: 320B Mitsubishi 24V.
Ford: Cargo (7.3L Engine). E-F Vans.
Mitsubishi: Canter.

0888T11 | SPL3 | CW
Fam. 20

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0890T23 | SPL12 | CW
Fam. 115

ORIGINAL

Facet: 10671
Ford: F8BU11350AA
Lucas: TMM990
Lucas Indiel: 222514
Ww: 10671

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier. Fiesta. Ka.**0892**T9 | - | CCW
Fam. 122

ORIGINAL

Magneton: 443.937.150.860
Skoda: 1722

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Lada: 2110.
Skoda: Felicia.

0893T10 | SPL10 | CW
Fam. 1

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark: Empilhadeira CG P 25 c/ arranque adaptado.

0894



T11 | SPL12 | CW
Fam. 43

ORIGINAL

Lester: 18100 - 18191

Nikko: 0230001030 - 0230001031 - 0230001050 - 0230001070 - 0230001071 - 0230001080 - 1235000010

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0895



T9 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 18086 - 18101 - 18103

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0896



T9 | SPL12 | CW
Fam. 127

ORIGINAL

Iskra: 525

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0898



T11 | SPL19 | CW
Fam. 108

ORIGINAL

Facet: 10036 - 480105 - 480183

Harley-Davidson: 3144365A

MOTOR

Harley-Davidson: 3145564 - 3145564A

APLICAÇÃO / APLICACIÓN / APPLICATION

Harley-Davidson: Harley-Davidson.

0900T10 | SPL10 | CCW
Fam. 103**ORIGINAL**

Bosch: 1006209295 - 1006209558 - 1006209553 - 1006209565 - 1006209583 - 1006209591 - 1006209594 - 1006209910
1006209911 - 1006209922 - 2006209594

Lester: 17223 - 17417

Lucas Indiel: 224000

MOTOR

Bosch: 0001107005 - 0001107006 - 0001108059 - 0001108060 - 0001108076 - 0001108077 - 0001108096 - 0001108097
0001110086 - 0001110087 - 0001110118 - 0001110119 - 0001112010 - 0001112011 - 0001114009 - 0001114010

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Corrado 1.8 16V, G60. Golf 1.8. Passat 1.6, 2.0. Passat 1.8. Transporter 1.8, 2.0.

0901T11 | SPL12 | CW
Fam. 27**ORIGINAL**

Bosch: 1987BE0055

Hitachi: 225025003 - 225045004

MOTOR

Hitachi: S25110G

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: ED33. FD6. Forklift.

0902T11 | SPL12 | CW
Fam. 21**ORIGINAL**

Pal: 932208

MOTOR

Pal: 976117 - 443115141310

APLICAÇÃO / APLICACIÓN / APPLICATION

Valmet: Zetor.

Zetor: Zetor Tractors, Farm Machinery.

0905T10 | SPL12 | CW
Fam. 4**ORIGINAL**

Bosch: 1987BE0022

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

0906



T9 | SPL6 | CW
Fam. 50

ORIGINAL

Lucas Indiel: 224006

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark: Empilhadeira.
Daewoo: Empilhadeira com partida Delco.

0907



T13 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: F7RUK614 - 106688 - 10670F7RU

MOTOR

Ford: 97VB11000AB - 98VB11000 - 98VB11000B3A

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Ford Transit. Transit 2.5 D.

0908



T8 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas: 66241583

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier.
Mazda: Mazda 323, 626SL, SLX.

0910



T8 | SPL6 | CW
Fam. 80

ORIGINAL

Magneti-Marelli: 72139004

MOTOR

Magneti-Marelli: MT68Q - MT68QA - 63216815 - 63216851 - 63217403

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: Renault Master.

0914T12 | SPL19 | CCW
Fam. 51**ORIGINAL****Facet:** 480414**Lester:** 3050 - 3364 - 3370 - 3932 - 6234 - 6247 - 6248 - 6255 - 6258 - 6518 - 6528 - 6529 - 6550 - 6626 - 6627 - 6650**Remy:** 1893561 - 1953151**MOTOR****Remy:** 1113477 - 1114155 - 1114177 - 1114716 - 1114948 - 1990486 - 1993774 - 1993784 - 1993801 - 1993826**APLICAÇÃO / APLICACIÓN / APPLICATION****TCM Equipment Ag:** Série 42/50MT 12/24V.**0915**T9 | SPL9 | CW
Fam. 117**ORIGINAL****Lucas:** 35260198 - 35260202**Lucas Indiel:** 220198**MOTOR****Lucas:** 35258430**Lucas Indiel:** 35258370 - 35258730**APLICAÇÃO / APLICACIÓN / APPLICATION****General Motors:** Grand Blazer 4.1. Silverado c/ motor 6 cil. à gasolina 12V.**Peugeot:** 205 XU7 4 cil. 1.6, XUD9 4 cil. 1.9 diesel. 306 XU7 4 cil. 1.6, XUD9 4 cil. 1.9 diesel. 405 FRI. 405 XU7 4 cil. 1.6/ XUD9 4 cil. 1.9 diesel. Boxer XUD9 4 cil. 1.9 diesel. Partner XU7 4 cil. 1.6.**0916**T9 | SPL10 | CW
Fam. 85**ORIGINAL****Bosch:** F000AL1684**Lucas:** 35260280**Lucas Indiel:** 35262227**MOTOR****Lucas:** 35259170**Prestolite:** 35261860**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F1000 (ano 97) c/ motor Maxion HSD c/ partida Lucas. Ranger (Maxion HSD). Ranger International 3.0 diesel / Maxion HS 4 cil. 2.5, 2.8 diesel.**General Motors:** Blazer c/ partida Lucas. Pick-up S10 diesel c/ motor Maxion HSD c/ partida Lucas.**Mercedes Benz:** Sprinter c/ motor Maxion HS e partida Lucas.**Perkins:** Maxion - HSD (Maxion High Speed). GM - S10, Blazer. Ford - F1000. MB - Sprinter.**0917**T9 | SPL9 | CW
Fam. 85**ORIGINAL****Lucas:** 66241474**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

0918



T8 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas: 66241709

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0919



T9 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: 9001066255

MOTOR

Bosch: F005M00012 - F005M00014

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Omega 3.8 V6. Omega Importado 3.8 V6 (Australía).

0920



T11 | SPL19 | CW
Fam. 51

ORIGINAL

Bosch: 2006202010 - 2006202011 - 2008109203 - F000AL1898

MOTOR

Bosch: 0001370003 - 0001371004 - 0001371005 - 0001371006 - 0001371007 - 0001371008 - 0001371009 - 0001371010
0001371013 - 0001371015 - 001372001 - 0001372002 - 0001372003 - 0001372004 - 0001372005 - 0001372006 - 0001372007
0001372008

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 1831, 1831 AK, 1831L. 1835, 1835 AK, 1835L. 1840, 1840 AK, 1840L. 1843, 1843 AK, 1843L. 1848, 1848 AK, 1848L. 1853, 1853L, 1857L, 1922, 1928, 1928L, 1933, 1933L, 1936, 1938, 2031, 2031A, 2033LS, 2035A, 2036LS, 2040, 2040A, 2053, 2531, 2531L, 2535L, 2536A, 2540, 2540L, 2543, 2543L, 2548, 2548L, 2553, 2553L, 2557L, 2631, 2631L, 2635, 2635L, 2636A, 2638S, 2640, 2640L, 2643, 2643L, 2648, 2648L, 2653, 2653L, 2657, 2657L, 3231, 3235, 3240, 3243, 3331, 3331A, 3335, 3340, 3340A, 3343, 3343A, 3348, 3348A, 3353, 3357, 4140, 4140A, 4143, 4143A, 4148. Actros. OM447, OM449A.

Scania: 114 C, P 124, R 124, T 124, 144. Caminhão série K124/ P124. Caminhão série 114. Motor DS 14.52, DSC 14.57, 61, 62, DSI 14.68, 69, 73, 75, 78, DS11.94, 96, 97, DCS11.56, 57. P, R 114/340. P, R 124/360. P, R 124/400. P, R 124/420. R, T 144/360. R, T 144/530. R 164/580.

0921



T11 | - | CW
Fam. 124

ORIGINAL

Nippondenso: 0280992700 - 2810054310
Toyota: 2801154070

MOTOR

Nippondenso: 0280007370 - 0280007373 - 0280008760 - 0280008761 - 0280008762 - 1280000360 - 1280000362 - 1280001880
1280007353 - 1280008140 - 1280008142 - 1280008150 - 1280008152 - 1280009591 - 1280009592 - 2280000400 - 2280000640
2280001300

Toyota: 2810054100 - 2810054170

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Hilux 2.8 D. Hilux 2.8 Land Cruiser diesel. L, 2L. Land Cruiser. L- 2L.
Volkswagen: Taro.

0924T13 | SPL3 | CCW
Fam. 45**ORIGINAL****Facet:** 10580
Remy: 1896767**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Remy:** Delco 8 MT, 10 MT, SD 300 séries DD.**0925**T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209618 - 1006209638 - 1006209672 - 1006209677 - 1006209690 **Fiat:** 9947831 **Lucas Indiel:** 222503**MOTOR****Bosch:** 0001107037 - 0001107048 - 0001107054 - 0001107067 - 0001107068 - 0001107069 - 0001107070 - 0001107072 - 0001107073 - 0001107074 - 0001107076 - 0001108162 - 0001108166 - 0001108167 - 0001108172 - 0001108173 - 0001108174 - 0001108175 - 0001109018 - 0001115002 - 0001115007**APLICAÇÃO / APLICACIÓN / APPLICATION****Audi:** A4. A4 1.6, 1.8, 1.8 T, A6 2.0, 2.4, 2.8. A6.**Daewoo:** Musso.**Fiat:** Brava/o. Palio, Palio D. Punto 1.7 D, DT. Siena diesel. Strada 1.7 TDS.**Mercedes Benz:** E190 2.3. MB100. Sprinter. Vito, V 200, V 230, VITO 113.**Renault:** Renault. Safrane 2.0, 2.5.**Ssangyong:** Istana 2.3. Musso 2.0, 2.3.**Volkswagen:** Gol GTI 16V. Gol II 2.0 MI. Gol III 1.6 MI. Gol III 1.8 MI. Gol III 2.0 MI. Golf GTI 16V. Passat alemão. Passat, LT.**Volvo:** 850 2.0, 2.3, 2.5, 2.5 T, C70, S70, V70 (2.0 T, 2.3, 2.5), S40, V40. Volvo.**0926**T9 | SPL12 | CW
Fam. 131**ORIGINAL****Iskra:** 16900392 - 16900408 - 16900541 - 16900902 - 16901392 - 16901408 - 922H6**MOTOR****Iskra:** 11130193 - 11130224 - 11130291 - 11130338 - 11130346 - 11130378 - 11130392 - 11130418 - AZF3509 - AZF3513 - AZF3515 - AZF3517 - AZF3524 - AZF3528 - AZF3531 - AZF3545 - AZF3547 - AZF3549 - AZF3559**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** R4 F6. R5 Alpine, turbo. R 5TL, GTL, LS. Traffic 1.4 b.**0929**T11 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 9002336230
Lester: 18230**MOTOR****Bosch:** 0001218172 - 0001218772**APLICAÇÃO / APLICACIÓN / APPLICATION****KHD:** BF 4L1011, F 2L 1011, F 3L 1011, F 4L 1011.**Magirus Deutz:** Tractor.

0930



T11 | SPL19 | CCW
Fam. 51

ORIGINAL

Facet: 480412
Ingersoll-Rand: 101BMP2992
Leece-Neville: M029076308
Remy: 1933404 - 1985132
UTMS: DV202750

MOTOR

Caterpillar: 4N4405
Ingersoll-Rand: 462361
Leece-Neville: M0017137 - M0017157 - M0017191
Prestolite: MFJ6501 - 462361
Remy: 1113344 - 4N4405
UTMS: MFJ6501

APLICAÇÃO/APLICACIÓN/APPLICATION

TCM Equipment Ag: Série 42/50MT 12/24V.

0931



T10 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209482 - 1006209914

MOTOR

Bosch: 0001314047 - 0001316012

APLICAÇÃO/APLICACIÓN/APPLICATION

Hatz: 1D 60/80.

0932



T9 | SPL16 | CCW
Fam. 79

ORIGINAL

Bosch: 1006209628 - 1006209649 - 1006209758
Lucas Indiel: 229979

MOTOR

Bosch: 0001124003 - 0001124013 - 0001125005 - 0001125006

APLICAÇÃO/APLICACIÓN/APPLICATION

Audi: A3 1.6i, 1.6T (c/ partida 0.001.121.007). A3 1.9 TDI.
Seat: Cordoba 1.9 TD. Ibiza 1.9 TD. Inca 1.9 D. Seat. Toledo 1.9 TDI.
Skoda: Felicia 1.9 D. Octavia 1.6, 1.8, 1.9 TDI. Pick-up 1.9 D.
Volkswagen: Beetle 1.9 TDI, New Beetle. Caddy 1.7 SDI, 1.9 D. Golf 1.8, Golf III 1.9 TDI, Golf 2001. Polo 1.7, 1.9 SDI. Sharan 2.8 V6. Vento 1.9 D, TD.

0933



T10 | SPL16 | CCW
Fam. 101

ORIGINAL

Bosch: 9001081074

MOTOR

Bosch: 9000081010

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: Gol 1000 Mi AP/AT. Gol II 1.0 Mi. Gol II 1.0 Mi 16V. Gol III 1.0 Mi. Gol III 1.0 Mi 16V. Golf. Parati 97. Ters FRZ.

0935T11 | SPL9 | CW
Fam. 87**ORIGINAL****Lucas Indiel:** 224035**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

JPX: Jeep c/ partida Valeo.
Peugeot: Boxer. Partner 306 c/ motor 1.9 diesel.
Renault: Clio Express c/ motor diesel, R19.

0936T11 | SPL9 | CW
Fam. 85**ORIGINAL**

Lucas Indiel: 224036
Valeo: NE210 - 182052

MOTOR**Paris-Rhone:** D9R121 - D9R84**APLICAÇÃO / APLICACIÓN / APPLICATION****Peugeot:** 604 c/ motor diesel, 405, 405 diesel, 504, 505. 604 D.**0937**T10 | SPL16 | CCW
Fam. 79**ORIGINAL**

Bosch: 1006209621 - 1006209648 - 1006209699 - 1006209880
Lucas Indiel: 224037

MOTOR

Bosch: 0001124001 - 0001124005 - 0001124006 - 0001125001 - 0001125002 - 0001125007 - 0001125008 - 0001125011 - 0001125012
 0001125013 - 0001125031
Volkswagen: 02A911023L

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: A3 1.9 TDI.
Ford: Galaxy 2.0.
Seat: Alhambra 1.9 TDI. Ibiza 1.9 D, TD. Vento TDI 1.9.
Skoda: Octavia 1.9 TDI.
Volkswagen: Beetle 1.9 TDI. Bora 1.9 TDI. Bus Eurovan, Bus Eurovan 1.9L. Caravelle 1.9. Eurovan. Golf 2.0 2001, Golf III 1.9 TDI. Multivan, Passat. Polo 1.9 TDI. Sharan 1.9 TDI. Vento 1.9 TDI.

0938T10 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209629 - 1006209929
Lucas Indiel: 224038

MOTOR**Bosch:** 0001107043 - 0001107087 - 0001113010 - 0001113017**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Courier 1.4i 16V. Courier 1.6 16V. Courier 1.6 16V c/ motor Zetec (nacional). Fiesta 1.2, 1.4 16V. Fiesta 1.4 c/ motor Zetec nacional 16V.

0940



T8 | SPL8 | CCW
Fam. 47

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Towner c/ motor Mando (Mando Engine).

0942



T9 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: F000AL1032 - F000AL1037 - F000AL1882
Lucas Indiel: 229985

MOTOR

Bosch: F000AL0301

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Gol AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99). Gol II 1.6 Mi. Parati AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99). Saveiro AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99).

0943



T9 | SPL8 | CCW
Fam. 47

ORIGINAL

Lester: 17333
Onan: 1911953

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0945



T9 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas Indiel: 35260290
Prestolite: 35261035

MOTOR

Lucas: 35258790
Lucas Indiel: 35258600
Renault: 7702227059

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Corsa com motor de partida Lucas.
Renault: Clio C 3L 1.6. R9 1.4/C3L 1.6. R11 1.4/C3L 1.6. R19 1.4/C3L 1.6.

0946

T9 | - | CW
Fam. 124

ORIGINAL

Isuzu: 5811240030 **Lester:** 16739 - 17303 - 17381 **Nippondenso:** 0283001840 - 0283001841 - 0283001842

MOTOR

Isuzu: TY6615 - 2912559140 - 451229 - 455657 - 455674 - 5811000860 - 5811001660 - 5811001830 - 8941233870 - 8941337583
8941492490 - 8941702050 - 8944489590

Nippondenso: 0280000960 - 0280004390 - 0280005060 - 0280006440 - 0280007000 - 0280007001 - 0280007351 - 0280007790
0280007791 - 0280009300 - 1280000020 - 1280000830 - 1280000831 - 1280000832 - 1280000960 - 1280001100
1280001110 - 1280002880 - 1280002881 - 1280004660 - 1280004661 - 1280008700 - 2280001890

Remy: 94123387

APLICAÇÃO/APLICACIÓN/ APPLICATION

Isuzu: Diesel Trooper 2.2. Isuzu KBD 27, 41, 47.

Jeep: Renegade.

0947

T9 | - | CW
Fam. 124

ORIGINAL

Honda: 31204657617 **Ishikawjima:** 185866150

Isuzu: 8941291870 **Kubota:** 1550463041

Lester: 16248 - 16251 - 16578 - 16586 - 16600 - 16612 - 16674 - 16735 - 16736 - 16737 - 16759 - 16760 - 16761 - 16786 - 16790
16802 - 16821 - 16823 - 16825 - 16826 - 16827 - 16828 - 16829 - 16831 - 16833 - 16834 - 16837 - 16878 - 16892 - 16895 - 16906
16911 - 16913 - 17002 - 17003 - 17027 - 17125 - 17143 - 17171 - 17240 - 17251 - 17256 - 17345 - 17420 - 17422 - 17481 - 17487
17521 - 17530 - 17537 - 18181 - 18182

Nippondenso: 0283001600 - 0283001601 - 0283001602 - 0283001603 - 0283001790 - 0283001791 - 0283001800 - 0283002000
0283002110 - 0283002111 - 0283002270 - 0283003630 - 0283003631 - 0283004160 - 0283006940

Toyota: 2801120540 - 2801126041 - 2801126042 - 2801135030 - 2810110710

Harley-Davidson: 3139186 - 3150581

MOTOR

Daihatsu: 2810072010

Ishikawjima: 185086240 - 185086340

Kubota: 1550463011 - 1574163011

Nippondenso: 0280004343 - 0280004450 - 0280005900 - 0280005912 - 0280006001 - 0280006120 - 0280006332 - 0280006362
0280006450 - 0280006930 - 0280007321 - 0280007392 - 0280007560 - 0280007620 - 0280008050 - 0280008060 - 0280008220
0280008261 - 0280008290 - 0280008320 - 0280008850 - 0280009070 - 0280009260 - 0280009380 - 0280009711 - 0280009720
0280009860 - 1280000101 - 1280000220 - 1280000230 - 1280000500 - 1280000510 - 1280001370 - 1280001440 - 1280001441
1280001520 - 1280001630 - 1280002060 - 1280003340 - 1280003350 - 1280003590 - 1280003670 - 1280003990 - 1280004420
1280005261 - 1280005410 - 1280005700 - 1280005780 - 1280005781 - 1280005840 - 1280005850 - 1280007090 - 1280007100
1280007330 - 1280007680 - 1280007690 - 1280007912 - 1280008070 - 1280008080 - 1280008240 - 1280008560 - 2280000311
2280000580 - 2280000960 - 2280001100 - 2280001110 - 2280001710 - 2280002020 - 2280002121 - 2280002300 - 2280002610
2280002620 - 2280002682 - 2280002691 - 2280002701 - 2280002760 - 2280002770 - 2280002851 - 2280002880 - 2280003200
2280003290 - 2280004320 - 2280004330

Toyota: 2810010040 - 2810010060 - 2810013010 - 2810015020 - 2810015040 - 2810015070 - 2810015130 - 2810015180
2810016020 - 2810016080 - 2810016110 - 2810027010 - 2810027030 - 2810027050 - 2810027060 - 2810031010
2810034060 - 2810034080 - 2810034100 - 2810041060 - 2810042040 - 2810042050 - 2810044030 - 2810044050
2810045033 - 2810045050 - 2810051031 - 2810060070 - 2810063020 - 2810063050 - 2810072010 - 2810072020
2810072030 - 2810072040 - 2810072050 - 2810072060 - 2810072070 - 2810072090 - 2810072100 - 2810072110
2810073010

APLICAÇÃO/APLICACIÓN/ APPLICATION

Daihatsu: Rocky F80.

JCB: Excavator.

Toyota: 2S, 2Y, 3Y. Camry. Carina. Celica. Corolla. Dyna. Hilux. MR 2. RJ 7. Tercel.

ZEN: Utiliza pinhão ZEN 9186.

0948

T10 | SPL18 | CW
Fam. 41

ORIGINAL

Lester: 17353 - 17618 - 17624 - 17625 - 17633 - 18272

Nippondenso: 0283007530

MOTOR

Nippondenso: 128000533 - 128000597 - 128000723 - 228000136 - 228000138 - 228000139 - 228000140

APLICAÇÃO/APLICACIÓN/ APPLICATION

Case: EHC.

John Deere (SLC)

0950



T9 | SPL5 | CCW
Fam. 34

ORIGINAL

Nippondenso: 0283005720

MOTOR

Nippondenso: 1280003540 - 1280009360

APLICAÇÃO / APLICACIÓN / APPLICATION

0951



T8 | SPL5 | CCW
Fam. 34

ORIGINAL

Nippondenso: 0283005800
Suzuki: 3132051A10

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Suzuki: Corry. Maruti.

0953



T9 | SPL3 | CW
Fam. 28

ORIGINAL

Fiat: 879898
Magneti-Marelli: 74899601

MOTOR

Fiat: 4104783 - 852962
Magneti-Marelli: E1154/24 - 63223897

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 1100 TN (217 N). Campagnola D. Campagnolo diesel 1100TN (217N), 615N, 615N1, 616, 332, 352.
Fiat Iveco: 615N, 615N1, 616, 332, 352.

0954



T10 | - | CW
Fam. 124

ORIGINAL

Toyota: 2801154380

MOTOR

Nippondenso: 2280002120 - 2810054380

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: 3L. Toyota Hilux 2.8.

0957T20 | - | CW
Fam. 134**ORIGINAL**

Mazda: 859924740
Mitsubishi: ME700121 - M357T71671 - M357T76171
Nissan-Datsun: 23314T9000

MOTOR

Mazda: S21118400 - V10118400B
Mitsubishi: ME007517 - ME008815 - ME017034 - ME017035 - ME017056 - ME017061 - MG120413 - M2T54372 - M2T54571 - M2T54572 - M2T56071 - M2T57871 - M2T60072 - M2T64372 - M2T64373 - M2T66371 - M2T66872 - M2T67871 - M2T67872 - M2T67873 - M2T78271 - M3T56471 - M3T57371 - M3T57575 - M3T66071 - M3T66072 - M3T66073 - M3T66074

APLICAÇÃO / APLICACIÓN / APPLICATION

Mazda
Mitsubishi
Nissan-Datsun
Yale

0958T11 | SPL6 | CW
Fam. 34**ORIGINAL**

Remy: 10492409

MOTOR

Remy: 24506694 - 9000836 - 9000841 - 9000854 - 9000857 - 9000858 - 9000871 - 9000872 - 9000873 - 9000879 - 9000880 - 9000882 - 9000884

APLICAÇÃO / APLICACIÓN / APPLICATION

Buick
General Motors: Blazer 4.3 V6 c/ partida Delco Remy.
Hyster: H50xm.
Isuzu
Nissan-Datsun
Pontiac

0959T18 | SPL6 | -
Fam. 116**ORIGINAL**

Visteon: STRC019

MOTOR

Ford: F81U11000AC

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Expedition 4.6, 5.4 V8 todos 1999. Lincoln Navigator (5.4 V8), todos 1999. Pick-up série F 4.2 (V6), 4.6, 5.4 (V8), 6.8 (V10), todos 1999.

0960T10 | SPL9 | CCW
Fam. 99**ORIGINAL**

Lucas: TNB176 - 54292179

MOTOR

Lucas: 26607E/J - 26692 - 26696

APLICAÇÃO / APLICACIÓN / APPLICATION

Rover: 216 (M79 26607).

0961



T11 | SPL9 | CW
Fam. 85

ORIGINAL

Paris-Rhone: 180827 - 184530
Valeo: NE776 - NE832 - 182176 185675 - 186456 - 594042

MOTOR

Paris-Rhone: D9R112 - D9R118 - D9R122 - D9R135 - D9R89 - D9R99
Valeo: D9R112 - D9R118 - D9R119 - D9R135 - D9R149 - D9R89 - D9R99

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: BX, Xantia, XM, ZX.
Ford: Granada, Scorpio, Sierra.
Mercedes Benz: 190 D, 200 D, 300 D, E200, 250, 300 TD.
Peugeot: 404, 405, 504 2.1, 2.3 diesel. 505 1.6, 1.8, 2.0, 2.3 D, 2.5 D. 604, 604 D. J9, J9 D.
Renault: Express D. R19 D. Super 5 D.
Ssangyong: Musso 2.9 D.

0962



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 1006209560 - 1006209569 - 1006209908
Lucas Indiel: 224062

MOTOR

Bosch: 0001110013 - 0001110019 - 0001110043 - 0001110044 - 0001110051 - 0001110064 - 0001110065 - 0001110088
0001110104 - 0001110105

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier 1.8 diesel. Escort 1.6 diesel. Escort 1.8 TD. Fiesta 1.6 diesel. Fiesta 1.8 D. Mondeo 1.8 Turbo diesel. Orion 1.6 diesel. Orion 1.8 TD.

0965



T9 | SPL5 | CW
Fam. 34

ORIGINAL

Lucas Indiel: 229989 **Valeo:** 060527 - 080327 - 100327 - 187336 - 187863 - 187996 - 188251 - 220527 - 250527 - 260412 - 290212
290327 - 494828 - 494832 - 594287 - NE949

MOTOR

Ford: 3S6511000AA - 3S6511000BA - 3S6511000CA
Valeo: D7E1 - D7E5 - D7E16 - D7E23 - D7E24 - D7E34 - D7E37 - D7E39 - D7E43

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: C 3. **Ford:** Courier 1.0L, 1.6L Zetec Rocam. EcoSport 1.0L, 1.6L Zetec Rocam. EcoSport 1.0L Supercharger. Escort 1.6L Zetec Rocam. Fiesta 1.0L, 1.6L, Zetec Rocam ano 99. Ka 1.0L, 1.6L Zetec Rocam. Novo Fiesta 1.0L, 1.6L Zetec Rocam. Novo Fiesta 1.0L Supercharger.
Peugeot: 106. 206 1.0 16V, 1.4, 1.6, 1.6 16V.
Renault: Clio c/ partida Valeo. Clio 1.0, 1.0 16V, 1.6 16V. Kangoo 1.0, 1.0 16V, 1.2, 1.6 16V. Twingo 1.0, 1.2.

0967



T11 | SPL18 | CW
Fam. 41

ORIGINAL

Nippondenso: 283006040

MOTOR

Nippondenso: 128000492 - 128000606 - 128000608 - 228000003 - 228000005

APLICAÇÃO / APLICACIÓN / APPLICATION

0969T9 | SPL10 | CW
Fam. 38**ORIGINAL****Magneti-Marelli:** 85540881 - 85541030**MOTOR****Magneti-Marelli:** 63111000 - 63223435 - 63223639**APLICAÇÃO / APLICACIÓN / APPLICATION****BMW:** 318i, 324D, 524D c/ partida Marelli.
Lancia: K 2.0, 2.4 TD.**0970**T9 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 2006209458 - 2006209543**MOTOR****Bosch:** 0001367072 - 0001368069 - 0001368083 - 0001369007 - 0001369019 - 0001369025
Case: A181642 - A187597 - P941519Q - 114799A1
Cummins: 3283312 - 3283812**APLICAÇÃO / APLICACIÓN / APPLICATION****Case:** Backhoe Excavator 1088. Equipment Series Tractors 5100 1987-92. Retroescavadeira c/ motor Cummins. Windrowers 6000, 6500 W, NCE 4-390 Engine.
Cummins: Engines.
DAF: 45, 130.**0972**T9 | SPL16 | CCW
Fam. 79**ORIGINAL****Bosch:** 1006209643 - 1006209759
Lucas Indiel: 224072**MOTOR****Bosch:** 0001124011 - 0001125003 - 0001125039**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Galaxy 2.8.
Seat: Cordoba 1.9 D, DT. Ibiza 1.9 D. Inca 1.9 D. Seat.
Volkswagen: Golf 2.8. Passat 1.9 diesel. Passat 1.9 TDI. Polo 1.9 D. Sharan 2.8 V6. Vento 1.9 TDI. VW.**0975**T23 | SPL10 | CW
Fam. 47**ORIGINAL****Ford:** F5BU11350AA
Lucas: 54294813
Lucas Indiel: 204075**MOTOR****Ford:** 95FB11000BC - 95FB11000BD - 95FB11000BG
Magneti-Marelli: 63223538 - 63293538**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Escort 1.3, 1.8. Escort 1.8 EFI até 08/95. Fiesta 0.9, 1.0 (1996). Fiesta 1.0.

0976



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL1324 - F000AL1683 - 1006209624 - 1006209633 - 1006209692 - 1006209696 - 1006209706 - 1006209709 - 1006209715 - 1006209944 - 9008045049 **Lucas Indiel:** 224076

MOTOR

Bosch: 0001106011 - 0001106014 - 0001106015 - 0001107047 - 0001107063 - 0001107077 - 0001107091 - 0001107098 - 0001108171 - 0001108176 - 0001108184 - 0001112041 - 0001112044 - 0001115006 - 0001116003

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: AX, Berlingo 1.8i, Berlingo Furgonato 1.4i, C15 1.0, 1.1, 1.4, C3 1.1i, 1.4i, 1.6 16V, Evasion 2.0i, 2.0i Turbo, Saxo 1.0 X, SX, 1.1 X, SX, 1.4 VTS, 1.6 VTS, VTR, Xantia 1.6i, 1.8i, 1.8i 16V, 2.0, 2.0 16V, 2.0 Turbo, Xsara 2.0 16V, Xsara Picasso 2.0 16V, ZX 1.6i, 1.8i, 1.8i 16V, 1.9i, 2.0i.
Fiat: Brava 1.6 16V, Bravo 1.6 16V, Doblò 1.6 16V, Ducato Autobus 2.0, Multipla 1.6 16V, Palio Fire 2001, Palio Weekend 1.6 16V Fire 2001, Palio Weekend Adventure 1.6 16V Fire 2001, Siena 1.6 MPI 16V, Siena EX, ELX Turbodiesel, Stilo 1.6 16V, 1.6 16V Weekend, Strada 2003, Ulysse 1.8, 1.9TD, 2.0, 2.0 16V, 2.0 Turbo.
Lancia: Lybra 1.6 16V.
Mercedes Benz: C240, C280, C280 T - Modell, CLK 320 Coupe.
Opel: Astra G 1.8 16V, Astra G Cabriolet 1.8 16V, Astra G Coda Spiovente 1.8, Astra G Coupe 1.8 16V, Astra G Familiare 1.8 16V, Corsa B 1.0 12V, Corsa C 1.0 12V, Vectra B 1.8i 16V, Vectra B Coda Spiovente 1.8i 16V, Vectra B Familiare 1.8i 16V.
Peugeot: 106, 205, 206 1.1, 1.4, 1.6, 106, 205, 206, 306, 306 Coda Spiovente 1.4, 1.6, 306 Familiare 1.4, 1.6, 307 1.6, SW 1.6, 309 II 1.1, 1.4, Boxer, Boxer Autobus 2.0 4x4, Boxer Furgonato 2.0, Boxer Pianale Piatto, Autotelaio 2.0, Partner Furgonato 1.1, 1.4, Partner Van, Limousine.
Renault: Megane 2.0 16V, Megane Cabriolet 2.0 16V, Megane Coupe 2.0 16V, Megane I 2.0 16V, Sport Spider 2.0 16V.
Vauxhall: Astra MK IV 1.8 16V.

0977



T9 | SPL3 | CCW
Fam. 20

ORIGINAL

Lester: 3277 - 3366 - 4235 - 4236 - 4270 - 4271 - 6736 - 6738
Remy: 1937554 - 1974655

MOTOR

Remy: 1109359 - 1109360

APLICAÇÃO/APLICACIÓN/APPLICATION

Mercury Marine
TCM Equipment Ag: Mercury Cruiser Marine.

0978



T10 | SPL10 | CW
Fam. 117

ORIGINAL

Lucas: 35259027 - 35260310
Lucas Indiel: 220310 - 224078 - 229027 - 35260810

MOTOR

Lucas: 35258540 - 35258710

APLICAÇÃO/APLICACIÓN/APPLICATION

General Motors: D20, D6000 a partir de 03/92, GMC 6100 ano 2001 c/ motor maxion 4 cil. e arranque Lucas, Silverado c/ motor Maxion S4 a diesel.
Massey Ferguson: Trator 265 a partir de 04/76.
Perkins: Maxion.

0983



T10 | SPL10 | CW
Fam. 85

ORIGINAL

Lucas: 35259037 - 35260590

MOTOR

Lucas: 35258690
Lucas Indiel: 35259710

APLICAÇÃO/APLICACIÓN/APPLICATION

Peugeot: 504, 505 c/ motor diesel XD2 (XD2 Engine).

0985T9 | SPL12 | CW
Fam. 43**ORIGINAL****Remy:** 10457362 - 10457368 - 10503933**MOTOR****Mercedes Benz:** A0051512201 - A0051517601**Remy:** 10479626 - 10479650 - 10479654**APLICAÇÃO / APLICACIÓN / APPLICATION**

Fiat Allis: Fiat Allis pá carregadeira FR128 e trator de esteira 7D. **Mercedes Benz:** 915 c Accelo. Caminhão/Ônibus c/ motor OM904, OM906, OM924, OM926, eletrônicos c/ partida Delco Remy 28MT (09/17 ton.). Caminhões 712C, 715, 714C, 915C, 1215, 1218EL, 1218L, 1418 EL, 1418L, 1718, 1725, 2423, 2428. Família ATEGO (1315, 1418, 1518, 1718, 1725, 2425), L1318, 2423B, 2423K, L1620. Chassi de ônibus LO 914, 0500M, 0500U, 0500R, OF 1417, OF1418, OF 1518, OF 1721, OF 1722 (Todos com motores eletrônicos 24V OM 904, OM 906, OM 924 e OM 926). MBB Axor1933. **TCM Equipment Ag:** Série 28MT 12/24V (MB - OM 904, 906, 924, 926 09 a 17 ton.)

0989T9 | SPL10 | CGW
Fam. 84**ORIGINAL****Bosch:** F000AL1052 - F000AL1152 - F000AL1707**MOTOR****Bosch:** F000AL0306**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** Kombi ano 98 refrigerada água.**0990**T10 | SPL9 | CW
Fam. 117**ORIGINAL****Lucas:** 35260625**Lucas Indiel:** 220625 - 224090**MOTOR****Lucas:** 35258760 - 35258850**Lucas Indiel:** 35261250**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Escort 1.8, 2.0 (Zetec). Escort L c/ motor Zetec. Focus. Mondeo 1.8, 2.0 (Zetec).**0991**T9 | SPL10 | CW
Fam. 85**ORIGINAL****Lucas:** 229033 - 35259033**Lucas Indiel:** 224091 - 35260500**MOTOR****Lucas:** 35258580 - 35258910**Lucas Indiel:** 35261305**Prestolite:** 35259890**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Micro Ônibus Volare (Marcopolo) c/ motor MWM407 TCA (a partir de 10/98).**Ford:** F250 c/ motor MWM.**General Motors:** Pick-up Silverado c/ motor MWM a diesel.**MWM:** Motor 6CL Sprint (GM Silverado) c/ partida Lucas.

0997T9 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209634
Lucas Indiel: 224097

MOTOR

Bosch: 0001108157 - 0001108169

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 156JTD.
BMW: 316, 318, 325 (E36), 5 Series (E34, E36), 728 (E38). BMW série 5 e série E34, 36, todos os tipos (exceto diesel).
Fiat: Brava/o 1.9 TD. Marea 1.9 TD.
Ford: Granada. Scorpio 1.8, 2.0. Transit 1.6, 2.0.
Opel: Frontera 2.5 TD.

0998T9 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: F000AL0102 - F000AL1250 - F000AL1695 - 1006209607 - 1006209675
Fiat: 9947838
Lucas Indiel: 224098

MOTOR

Bosch: F000AL102 - 0001107030 - 0001107066 - 0001107078 - 0001107079 - 0001108181
Fiat: 46468696

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Barchetta. Brava 1.8 HGT. Bravo 1.8, 2.0. Coupe 1.8. Marea Turbo. Marea Weekend 1.8 MPI 16V. Marea Weekend 2.0 MPI 20V Turbo. Marea 1.8, 2.0, Marea 1.8 MPI 16V. Marea 2.0 MPI 20V Turbo. Marea 2.0 20V, 2.4 20V. Punto II 1.8.
Lancia: Lybra 1.6, 1.8, 2.0.
Nissan-Datsun: KA24E.
Toyota: Carina E 1.6, 1.8 16V. Celica 1.8 16V. Corolla 2000.

0999T8 | SPL6 | CW
Fam. 47**ORIGINAL**

Lucas Indiel: 224099
Magneti-Marelli: 85541280

MOTOR

Magneti-Marelli: 63103007 - 63103008

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Palio. Palio 1.6. Palio Weekend. Siena. Siena 16V 1.6. Strada.
Piaggio: Porter 1.0.

1001T11 | SPL10 | CCW
Fam. 15**ORIGINAL**

Bosch: 2006209486

MOTOR

Bosch: 0001366026

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: D35 (1.4), D50 (2.1) de 11/79 a 07/87.

1002T11 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 2006209461**MOTOR****Bosch:** 0001368077**APLICAÇÃO / APLICACIÓN / APPLICATION****KHD:** BF4L1011(2.7), F2L1011(1.4), F3L1011(2.0), F4L1011(2.7), todos de 06/89.**1003**T10 | SPL10 | CCW
Fam. 15**ORIGINAL****Bosch:** 2006209433 - 2006209488**Lucas Indiel:** 220406**MOTOR****Bosch:** 0001362085 - 0001362094 - 0001362099**APLICAÇÃO / APLICACIÓN / APPLICATION****Chevrolet:** Astra, Blazer, Corsa, Meriva, Vectra c/ partida Delco Remy.**Saab:** Marine 2G 1.6L 1977-1983, 2GRG 1.6L 1977-1983, 2J 1.9L 1977-1988, 2JRG 1.9L 1977-1985, G 0.8L 1977-1979, GA 0.8L 1961-1979, GAG 0.9L 1961-1979.**1004**T9 | SPL10 | CCW
Fam. 15**ORIGINAL****Bosch:** 2006209429 - 2006209490**MOTOR****Bosch:** 0001362104**APLICAÇÃO / APLICACIÓN / APPLICATION****Ferrari:** 94.**Goldoni:** 518, 719, 919, 921.**Lamborghini:** Diablo 5.7.**Lombardini:** 4LD 640, 705, 820L 10, 14, LDA96, 97, 100, 820LDAM 96.**1005**T9 | SPL10 | CCW
Fam. 15**ORIGINAL****Bosch:** 2006209488**MOTOR****Bosch:** 0001362094 - 0001366005 - 0001366006 - 0001366013 - 9000143204**APLICAÇÃO / APLICACIÓN / APPLICATION****Agria:** 4900.**Carraro:** Super Tigre 625.

1011



T8 | SPL10 | CCW
Fam. 101

ORIGINAL

Bosch: 1006209932

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Micra.

1013



T10 | SPL19 | CW
Fam. 51

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

TCM Equipment Ag: 37 MT séries DD Starters.

1016



T8 | SPL10 | CCW
Fam. 118

ORIGINAL

Hitachi: 211445016
Nissan-Datsun: 2331231U00

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1017



T10 | SPL10 | CCW
Fam. 118

ORIGINAL

Hitachi: 211445100
Nissan-Datsun: 2331231U01

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1018TB | SPL8 | CCW
Fam. 114**ORIGINAL**

Mitsubishi: M191T16771 - M191T16971 - M191X16771 - M191X16971
Nissan-Datsun: 23312AA050

MOTOR

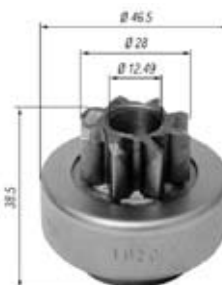
Mitsubishi: MOT80285 - M1T77181

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan - Datsun: Almera, Sunny.
Subaru: Forester 2.0. Impreza 1.6, 1.8, 2.0 2WD, 4WD. Justy 1.0. Legacy 2.0, 2.2, 2.5.

1019T30 | SPL8 | CCW
Fam. 114**ORIGINAL**

Ford: F4XY11350B
Motorcraft: SDE354
Nissan-Datsun: 233540B710

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****1020**TB | SPL10 | CW
Fam. 117**ORIGINAL**

Hitachi: 211415016
Nissan-Datsun: 2331250Y01

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Nissan-Datsun: Sentra. 200 SX.

1021TB | SPL10 | CW
Fam. 117**ORIGINAL**

Nissan-Datsun: 233121E400

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

1022



T9 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0270 - 6033AD0414

MOTOR

Bosch: 0001223010 - 0001223013

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Micro Ônibus Volare (Marpolpo) c/ motor MWM 407TCA (a partir de 10/98).

Fiat: Ducato.

Ford: F250 c/ motor MWM. F350.

General Motors: Silverado c/ motor MWM.

MWM: Motor 6.07TCA (Ford F250 a partir de 03/99) c/ partida 0.001.003.010.

Peugeot: Boxer 2.8 HDI.

1023



T11 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas Indiel: 220407

Valeo: NE834 - 185915 - 584135 - 584185 - 594185

MOTOR

Mercedes Benz: 0051511301

Valeo: D7R5 - D7R8 - D7R9 - D7R12 - D7R13 - D7R16 - D7R18 - D7R20 - D7R25 - D7R26 - D7R27 - D7R40 - D7R46 - D7R49 - D7RE46
D8R27 - D8R49

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Berlingo 1.8 D, 1.9 D e 2.0 HDi.

Fiat: Scudo TD.

JPX: Jeep c/ partida Valeo. Jeep JPX.

Mercedes Benz: Sprinter.

Peugeot: 405 diesel, Partner.

Renault: Clio D. Express D. R19 D. R21 D. Megane D.

Volvo: 440TD. 460TD.

1024



T10 | SPL8 | CW
Fam. 112

ORIGINAL

Lucas Indiel: 220408

Mitsubishi: M191T15071 - M191T68071 - M191X68071 - MD618963

MOTOR

Mitsubishi: M2T80582 - M2T84071 - M2T84171 - M2T84571 - M2T87071 - M2T87171 - M2T87271 - M2T87471 - M2T87871
M2T87971

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: XM 2.5 TD.

Fiat: 127. Panda 30-45. Ritmo 60. Uno 45 127.

Ford: Ranger 2.5 TD. **Mazda:** B2500D.

Mitsubishi: 4D56. L200 2.5 D, 4WD. L300 2.5 D, TD, 4X4. Pajero 2.5 TD. Space Gear 2.5 D.

1025



T9 | SPL10 | CW
Fam. 130

ORIGINAL

Fiat: 9948135

Magneti-Marelli: 83226569 - 85541700

MOTOR

Fiat: 131955508

Magneti-Marelli: 63114014

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Ducato 2.5, 2.8 TD.

Fiat Iveco: Daily 2.8 TD. Ducato 2.8 modelos: 719, 720, 721, 722, 723, 724, 725, 726, 729.

Peugeot: Peugeot Boxer.

1026T10 | SPL10 | CW
Fam. 82**ORIGINAL**

Bosch: 6033AD0091
Lucas Indiel: 229983

MOTOR

Bosch: 0001223500

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F350 c/ motor Cummins.
Mitsubishi: Caminhões leves. Pick-ups. Vans.

1027T10 | SPL10 | CW
Fam. 82**ORIGINAL**

Bosch: 6033AD0284 - 9033AD0284
Lucas Indiel: 229984

MOTOR

Bosch: 0001223505 - 0001223555

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F250 c/ motor Cummins. F4000. F4000 c/ motor Cummins.

1030T11 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209646

MOTOR

Bosch: 0001109026

APLICAÇÃO / APLICACIÓN / APPLICATION

Agria: 3800G.
Citroën: XM 2.1 diesel. XM 2.1 Turbo diesel.
Farymann: G10, 20.
Yanmar: Micro trator.

1031T10 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209631 - 1006209635 - 1006209642 - 1006209678
Lucas Indiel: 220409

MOTOR

Bosch: 0001102218 - 0001108183 - 0001108217 - 0001109014 - 0001109036 - 0001109250 - 0001110112 - 0001115001
0001115008

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 280E, 320E, C280, E280, E300, E320, S280, S320. Classe A 160 CDI / 170 CDI. E 250D turbo (210) BG, GR, H, I, IS, HR, P, SLO, TR, E 250DT (210) i, E 259D turbo (210). Sprinter 208D, 210D, 212D, 308 D, 312 D, 408D, 410 D, 412D. Vario 812 D. Vito 108 D e 110 D.

1033T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209645**MOTOR****Bosch:** 0001109025 - 0001109030 - 0001109033 - 0001109035
Fiat: 46473784**APLICAÇÃO/APLICACIÓN/APPLICATION****Alfa Romeo:** 156 1.9 JTD. Alfa 145, 146 1.9 JTD 1998... Alfa 147 1.9 JTD 2000... Alfa 156 1.9 JTD 1997/2000.
BMW: 324 TD Touring. 325 TD, 325 TDS, 325 TDS Touring. 525 TD, 525 TD Touring, 525 TDS, 525 TDS Touring. 725 TDS. 324, 325, 525, 725 TDS 12V - 1996...
Fiat: Brava/o 1.9 TD-JTD. Brava 1.9 JTD 1997/1998. Doblo 1.9 2000 ... Marea 1.9 1996... Marea 1.9 TD-JTD. Multipla. Multipla 1.9 JTD. Punto 2001... Stilo 2001...
Lancia: Lybra. **Opel:** Omega 2.5 TD. Omega 2.5 XTD. Frontera 2.5 TD.**1036**T23 | - | CCW
Fam. 126**ORIGINAL****MOTOR****Tigershark:** 3008093 - 3008327 - 3008536**APLICAÇÃO/APLICACIÓN/APPLICATION****Artic Car:** Jet Ski Tigershark 640, 770, 900, 1000, 1100.
Tigershark: Jet Ski. Mod. 770 Twin, 900, 1000, 1100**1037**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F005M10053 - 1006209631 - 1006209635 - 1006209642 - 1006209678**MOTOR****Bosch:** 0001108183 - 0001108217 - 0001108218 - 0001109014 - 0001109036 - 0001109250 - 0001110112 - 0001115001
0001115008**APLICAÇÃO/APLICACIÓN/APPLICATION****Citroën:** Berlingo 1.8, 1.8 D, Evasion 1.8, 2.0, 2.0 turbo, Jumper 2.0, Xantia 1.6, 1.8 8V/16V, 2.0 8V/16V, 2.0 CT turbo, 2.0 HDI, XM 2.0 CT Turbo, 2.0i, Xsara 1.8, 1.8 16V, 2.0 16V, 2.0 16V VTS, Picasso 1.8 16V, ZX 1.6, 1.8 16V, 1.9, 2.0i.
Mercedes Benz: 260. Classe A 160 CDI / 170 CDI. E 250D turbo (210) BG, GR, H, I, IS, HR, P, SLO, TR, E 250DT (210) i, E 259D turbo (210). Sprinter 208D, 210D, 212D, 308 D, 312 D, 408D, 410 D, 412D
Peugeot: Boxer 2.0, Expert 1.8, Partner 1.8/ 306 1.8/2.0, 405 1.6 GL, 405 1.8i, 405 1.9 GR,SRI, 405 2.0i, / 406 1.6/1.8 16V/2.0 16V/2.0 Turbo/ 605 2.0, 806 2.0, 806 2.0 turbo.
Renault: Clio 1.9 diesel, Megane 1.9 D, R 19 1.9 D, Safrane 2.2i.
Ssangyong**1038**T9 | SPL10 | CW
Fam. 82**ORIGINAL****Bosch:** 6033AD0442 - 6033AD0462 - 6033AD3006 - 6033AD3108 - 6033AD3850 - 6033AD4034 - 6033AD4148 - 9002336236
KHD: 01319755 - 01319806
Mercedes Benz: 0011511813 - 0011513213**MOTOR****Bosch:** 0001230001 - 0001230006 - 0001230007 - 0001230012 - 0001230013 - 0001231002 - 0001231003 - 0001231005
0001231018 - 0001231033**APLICAÇÃO/APLICACIÓN/APPLICATION****Mercedes Benz:** Atego 1998 - Citaro 1998 - Eonic 1998 - L1218. L1418. L1618M. L1622. L2423. 1215C. 712C. 817-1517 (1996-). 914 ano 2000. 915.
New Holland: Trator/Tractor.

1043T18 | - | CW
Fam. 134**ORIGINAL****Citroën:** 95562677**Mitsubishi:** MD607540 - MM502531 - M357T0171 - M357T0771 - M357T07971**Nissan-Datsun:** 23354N5912**MOTOR****Mitsubishi:** MD099673 - MM115518 - M1T50471 - M2T50181 - M2T50481 - M2T50485 - M2T52181 - M2T52681 - M2T52881
M2T52882 - M2T53083 - M2T53181 - M2T53781 - M2T53785 - M2T54085 - M2T58581**Nissan-Datsun:** 23300-H9112 - 23300-N5911 - 23300-W1011 - 23300-W7011 - 23300-02E10 - 23300-04E10 - 23300-18C70**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën**

Fiat Iveco: Iveco Engines BF4L1011 (2.71L, 2732cc) 1995. Iveco Engines BF4L1011 (2.71L, 2732cc) 1996. Iveco Engines BF4L1011 (2.71L, 2732cc) 1997. Iveco Engines BF4L1011 (2.71L, 2732cc) 1998. Iveco Engines BF4L1011 (2.71L, 2732cc) 1999. Iveco Engines BF4L1011 (2.71L, 2732cc) 2000. Iveco Engines BF4L1011 (2.71L, 2732cc) 2001. Iveco Engines BF4L1011 (2.71L, 2732cc) 2002. Iveco Engines BF4L1011 (2.71L, 2732cc) 2003. Iveco Engines BF4L1011 (2.71L, 2732cc) 2004. Iveco Engines F2L1011 (1.4L, 1366cc) 1996. Iveco Engines F2L1011 (1.4L, 1366cc) 1997. Iveco Engines F2L1011 (1.4L, 1366cc) 1998. Iveco Engines F2L1011 (1.4L, 1366cc) 1999. Iveco Engines F2L1011 (1.4L, 1366cc) 2000. Iveco Engines F2L1011 (1.4L, 1366cc) 2001. Iveco Engines F2L1011 (1.4L, 1366cc) 2002. Iveco Engines F2L1011 (1.4L, 1366cc) 2003. Iveco Engines F2L1011 (1.4L, 1366cc) 2004. Iveco Engines F3L1011 (2.0L, 2049cc) 1996. Iveco Engines F3L1011 (2.0L, 2049cc) 1997. Iveco Engines F3L1011 (2.0L, 2049cc) 1998. Iveco Engines F3L1011 (2.0L, 2049cc) 1999. Iveco Engines F3L1011 (2.0L, 2049cc) 2000. Iveco Engines F3L1011 (2.0L, 2049cc) 2001. Iveco Engines F3L1011 (2.0L, 2049cc) 2002. Iveco Engines F3L1011 (2.0L, 2049cc) 2003. Iveco Engines F3L1011 (2.0L, 2049cc) 2004. Iveco Engines F4L1011 (2.7L, 2732cc) 1996. Iveco Engines F4L1011 (2.7L, 2732cc) 1997. Iveco Engines F4L1011 (2.7L, 2732cc) 1998. Iveco Engines F4L1011 (2.7L, 2732cc) 1999. Iveco Engines F4L1011 (2.7L, 2732cc) 2000. Iveco Engines F4L1011 (2.7L, 2732cc) 2001. Iveco Engines F4L1011 (2.7L, 2732cc) 2002. Iveco Engines F4L1011 (2.7L, 2732cc) 2003. Iveco Engines F4L1011 (2.7L, 2732cc) 2004.

Maxion**Mitsubishi****1046**T20 | - | CW
Fam. 134**ORIGINAL****Mitsubishi:** M357T72671 - M357T72672 - M357X72672 - M357X85273 - ME700972**MOTOR****Mitsubishi:** 232415 - M2T55271 - M2T56471 - M2T56472 - M2T57881 - M2T61771 - M2T65271 - M2T65272 - M2T67881 - M2T67882
M2T67883 - M2T69081 - M2T72871 - M2T74371 - M2T78381 - M2T78481 - M2T78482**APLICAÇÃO / APLICACIÓN / APPLICATION****Mitsubishi:** E2500 diesel XA. E3000. Fuso Canter 4DRS 1984-88, 3600, 33, 4D30, 31, 32, 1998, 20, 30, 35, 4D31T, 1987. Light Bus HA. Wheel Loader S4E.**Nissan-Datsun:** Forklifts.**ZEN:** Utiliza pinhão ZEN 12812.**1047**T20 | - | CW
Fam. 134**ORIGINAL****Mitsubishi:** M357T75571 - 75571 - MD607791**MOTOR****Mitsubishi:** MD069166 - MD070934 - MD084414 - MD164975 - MD164976 - M2T56181 - M2T56182 - M2T56185 - M2T56271
M2T57771 - M2T74171**APLICAÇÃO / APLICACIÓN / APPLICATION****Mitsubishi:** L200 1997. Pajero 2.3 TD, 2.5 TD.**ZEN:** Utiliza pinhão ZEN 12812.

1048



T8 | SPL6 | CW
Fam. 132

ORIGINAL

Daewoo: 3120A78B00 - 93740994
Kia: 361392X000

MOTOR

Daewoo: 31100A78B00

APLICAÇÃO / APLICACIÓN / APPLICATION

Daewoo: Tico.
Kia: Rio 02/05. Spectra 1.6

1054



T8 | SPL8 | CCW
Fam. 47

ORIGINAL

MOTOR

Mitsubishi: MB30118X45

APLICAÇÃO / APLICACIÓN / APPLICATION

Kia: Pride.

1056



T9 | SPL12 | CW
Fam. 26

ORIGINAL

Iskra: 16900089

MOTOR

Iskra: 11130029 - 11130102 - 11130162 - 11130166 - 11130217 - 11130218 - 11130219 - 11130234 - 11130266

APLICAÇÃO / APLICACIÓN / APPLICATION

Autobianchi
Citroën
Fiat
Lancia
Opel
Peugeot
Renault
Seat
Talbot
Vauxhall
Volvo
Zastava

1057



T10 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209642

MOTOR

Bosch: 0001109014

APLICAÇÃO / APLICACIÓN / APPLICATION

A.E.C. C220 diesel, 2.2, 70KW, 08/93

Mercedes Benz: C200 diesel T, 2.2, 70KW, a partir de 05/96. C200 diesel, 2.0, 55KW, de 03/93 a 08/95. C200 diesel, 2.0, 65KW, a partir de 09/96. C220 diesel, 2.2, 70KW, a partir de 08/93. C250 diesel Turbo, 2.5, 110KW, a partir de 09/95. E200 diesel, 2.0, 65KW, a partir de 03/97. E220 diesel, 2.2, 70KW, a partir de 06/95. E250 diesel T, 2.5, 83KW, a partir de 05/96. E250 diesel, 2.5, 83KW, a partir de 06/95. E290 diesel Turbo T, 2.9, 95KW, a partir de 05/96. E290 diesel Turbo, 2.9, 95KW, a partir de 01/96. Sprinter 208 diesel 2.3, 58-60KW, a partir de 02/95. Sprinter 210 diesel, 2.9, 75KW, a partir de 01/97. Sprinter 212 diesel, 2.9, 90KW, a partir de 02/95. Sprinter 308 diesel, 2.3, 58KW, a partir de 02/95. Sprinter 310 diesel, 2.9, 75KW, a partir de 01/97. Sprinter 312 diesel, 2.9, 90KW, a partir de 02/95. Sprinter 408 diesel, 2.3, 58KW, a partir de 02/95. Sprinter 410 diesel, 2.9, 75KW, a partir de 01/97. Sprinter 412 diesel, 2.9, 90KW, a partir de 02/95. V230 TD, 2.3, 72KW, a partir de 04/96. Vario 512 diesel, 2.9, 90KW, a partir de 09/96. Vario 612 diesel, 2.9, 90KW, a partir de 09/96. Vario O 812 diesel, 2.9, 90KW, a partir de 09/96.

1058T11 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209671**MOTOR****Bosch:** 0001108180 - 0001108182 - 0001108186**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Clio II 1.9 diesel. Clio 1.0 8V. Clio 1.6i. Kangoo 1.9 diesel. Kangoo 1.9 diesel, 48KW, a partir de 10/97. Megane 1.9 diesel. R19 1.9 diesel. Trafic 1.9 diesel, 47-48KW, a partir de 11/97 c/ partida Bosch.**1059**T9 | SPL10 | CW
Fam. 29**ORIGINAL****MOTOR****Iskra:** 11130124 - 11130322**APLICAÇÃO / APLICACIÓN / APPLICATION****Aifo**
Fiat Allis
Fiat Iveco
New Holland
Valmet: Trator c/ partida Iskra.
Zastava**1060**T10 | SPL10 | CW
Fam. 29**ORIGINAL****Iskra:** 16900151**MOTOR****Iskra:** 11130373**APLICAÇÃO / APLICACIÓN / APPLICATION****IHC**
Landini
Massey Ferguson
Perkins
Renault Agri
Ursus
Valmet: Valtra.**1062**T8 | SPL9 | CW
Fam. 99**ORIGINAL****Nissan-Datsun:** 2331293J00**MOTOR****Lucas:** 26813 - 26834 - 26841
Magneti-Marelli: 63226834 - 63226845 - 63226846
Nissan-Datsun: 2330070J10 - 2330070J11 - 2330070J12**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun**
Primera Berlina 2.0 P10.

1063



T9 | SPL8 | CW
Fam. 112

ORIGINAL

Mitsubishi: 93971 - M191T93971

MOTOR

Mitsubishi: 90572010009502 - M002T87671 - M002T87771 - M002T887712A

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Microônibus Volare.
General Motors: S10 diesel c/ motor MWM.
Renault: Master.
Troller: T4 c/ motor MWM a partir de 2000.

1064



T6 | SPL5 | CW
Fam. 34

ORIGINAL

General Motors: 93297293
Valeo: 090800 - 188440 - 494830 - SS260300

MOTOR

General Motors: 93260358
Valeo: BD7E10 - D7E10 - D7E11 - D7E19 - D7E22 - D7E27 - D7E47

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Celta 1.0. Novo Corsa.
Renault: Clio 1.6 16V. Scenic 2.0 16V 2003.

1065



T9 | SPL10 | CCW
Fam. 100

ORIGINAL

Bosch: 1006209542 - 1006209550

MOTOR

Bosch: 0001107058 - 0001108050 - 0001109028 - 0001110018

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale
Goldoni
Lamborghini
Mosa
Ruggerini

1067



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 1006209581

MOTOR

Bosch: 0001110066 - 0001110067

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: 80 1.6L D/TD, 1.9L TD/TDI. Audi 1.9L diesel (Europe) See: 120-238a, B (Later Versions) See: 120-238c (Earlier Version)
See: 108-295 (Valeo Version).

1068T9 | SPL9 | CCW
Fam. 98**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Lada****1069**T10 | SPL16 | CCW
Fam. 133**ORIGINAL****Bosch:** F000AL1100 - 1006209680
Lucas Indiel: 220414**MOTOR****Bosch:** 0001121008 - 0001121009 - 0001121016 - 0001121018
Volkswagen: 02T911023E**APLICAÇÃO / APLICACIÓN / APPLICATION****Audi:** A3 1.6, 1.8, 1.8 Turbo.**Seat:** Alhambra 2.0. Cordoba 1.6, 1.9 TDI. Ibiza Cupra. Sport 1.8 20V Turbo. Vario 1.6.**Volkswagen:** Beetle 2.0. Fox 2003. Golf 1.8, 1.8 4 Motion. Golf 2.0. Golf IV 1.8, 1.8 GTI, 1.8 GTI Turbo. Golf IV 1.8 Motion. Golf IV 1.8 Variant. Golf IV 2.0. Golf IV 2.0 Variant. Polo 1.0 16V, 1.6, 2.0.**1070**T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** 9002336219
Lucas Indiel: 220415**MOTOR****Bosch:** 9000331201 - 9000331203**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Ducato.**Ford:** Maverick 2.7 D, 93 a 98.**Nissan-Datsun:** Com partida Bosch.**Oldsmobile****1071**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 9002336223**MOTOR****Bosch:** 0001218162 - 0001218165**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz****Steyr Puch****Still**

1072



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9002336224 - 9002336287
Lucas Indiel: 220416

MOTOR

Bosch: 0001218157 - 9000331414

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Jumper 2.5 D, TD.
Fiat: Ducato 2.5 TD.
Peugeot: Boxer 2.5 TD. 605 TD.

1073



T9 | SPL10 | CW
Fam. 27

ORIGINAL

Iskra: 16901658

MOTOR

Iskra: 11130229 - 11130254 - 11130407 - 11130409 - 11130412 - 11130484 - 11130491 - 11130823 - 11130824 - AZJ3118
AZJ3548

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: 5000D, 6150, 7000D, 7500 TD, BX100, BX130, BX4.100, BX4.110, BX4.130, BX4.150, BX4.90.
Case: 80 CR, 80 P. **CBT:** 8440. **Claas:** Consul 3.8. Dominator 5.7. Mercator 5.7. **Fiat Allis:** FB 80. **Lamborghini**
Mercedes Benz: 6 T 608 . 7 T 709 . 8 T 808, 809, 813. 9 T 911, 913. 10 T 1013, 1013A, 1013S, 1017, LP1013, LPK1013. 11 T L1113B ,
LK01113B, LP1113, LPK1113, LPS1113B, OF1113. 12 T 1213, 1217, 1350, 1250, 1450, 1550, 1650, 1700, 175, 2100, 2150. 13T 1313. 14
T 1413, 1417. 15T 1513. 16 T 1613, 1617. 18 T 1819. 54.403, 66.403, 72.403, 80.406, 90.416, 95.424. L508D, L608D. O309, 1000, 1100,
1300 Turbo, 1400 Turbo, 1500, 1600 Turbo. **Puma:** 914 4.0. **John Deere (SLC):** 7700 Turbo. **Same - Valmet:** 110 225-6 5.7. 118
D229-6 5.9. 118 PID A 229-6 TV Alc. 5.9. 128 D229-6 VS 5.9. 128 4X4 D 229-6 VS. 128 4X4 PID A 229-6 Alcool. Valtra 785.
Volkswagen: 11.130, 13.130, 6.90, 7.110, 7.900.

1074



T10 | SPL9 | CW
Fam. 85

ORIGINAL

Valeo: NE831 - 185290 - 188256 - 594136

MOTOR

Valeo: D7R1 - D7R11 - D7R15 - D7R2 - D7R24 - D7R3 - D7R33 - D7R4

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Xsara ZX D.
Peugeot: 106 D.
Rover
Tatra

1076



T9 | SPL3 | CW
Fam. 21

ORIGINAL

Bosch: 2006208011 - 2006209022 - 2006209030 - 2006209183 - 2006209900 - 9001083444

MOTOR

Bosch: 0001354006 - 0001354012 - 0001354021 - 0001354025 - 0001354041 - 0001354048 - 0001354055 - 0001354068
0001354085 - 0001354087 - 0001355009 - 9000083015

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Série 1800-D, TX 1600 c/ motores MWM 229-3 , 2229-4. Mueller Vibro RT 62, 83 c/ motor MWM 229-4MWM D 229-3, D 229-4,
D 229-6, TBD 229-EC-6, TD 229-6
Bautz - Carraro
Eicher - Fendt
Lamborghini - Lombardini
Mercedes Benz
John Deere (SLC): D 229-3, D 229-4, D 229-6, TBD 229-EC-6, TD 229-6.
Valmet: 62ID, 65ID, 85ID, 110ID, 685, c/ motores MWM D 225-3, 4, 6.

1081T12 | - | CW
Fam. 122**ORIGINAL****Visteon:** 1C3U11350AB**MOTOR****Visteon:** 1C3U11000AA - 1C3U11000AB - 1C3U11000AC - 1C3U11000AD - 1C3U11000AE - 1C3Z11002AA - 2C2411000AA**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Heavy Duty F250, F350 Series. LT Trucks E-Series Vans 7.3L - diesel. LT Trucks Excursion 7.2L - diesel.**1082**T12 | SPL6 | CW
Fam. 132**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F350 Heavy Duty modelos 98 em diante. F450 Heavy Duty modelos 98 em diante.**1088**T11 | SPL12 | CCW
Fam. 127**ORIGINAL****Iskra:** 16900035**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****1090**T10 | SPL10 | CW
Fam. 46**ORIGINAL****Lucas:** 35259873**Lucas Indiel:** 229873**MOTOR****Lucas Indiel:** 35259580 - 35259620 - 35259630 - 35259640 - 35259660 - 35259870**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F250 com motor Cummins ISBe4. F350 com motor Cummins B Aftercooler 3.9 c/ conec. estanco. F4000 com motor Cummins B Aftercooler 3.9 c/ conec. estanco. F250 com motor Cummins ISBe4. F350 com motor Cummins B Aftercooler 3.9 c/ conec. estanco. F4000 com motor Cummins B Aftercooler 3.9 c/ conec. estanco.**John Deere (SLC):** Trator 5600. **Volkswagen:** Caminhão VW13180, MWM. Caminhão 17210 com partida Lucas.

1091



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 229773 - 35261302

MOTOR

Lucas Indiel: 35259430 - 35259760 - 35261360
Volkswagen: 2T0911335

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Caminhões e Ônibus VW 13190, 15190 e 17210 c/ motor MWM.

1092



T10 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas: 2W0911335
Lucas Indiel: 35261303
Prestolite: 35261303

MOTOR

Lucas Indiel: 35259440
Prestolite: 35259440 - 35259770

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Caminhões e Ônibus c/ motor MWM. Ônibus 16210 c/ motor MWM. Ônibus 17210 c/ motor MWM. Ônibus 17220 c/ motor MWM.
Volvo: VM17, VM23, ambos c/ motor MWM.

1097



T10 | - | CW
Fam. 124

ORIGINAL

Nippondenso: 0283001970 - 0283004011 - 0283004081 - 0283004082
Thermo King: 2801167030
Toyota: 2801164010 - 2801164030 - 2801167030

MOTOR

Nippondenso: 0280008451 - 1280000930 - 1280005350 - 1280008980 - 1280009550 - 2280000200 - 2280000460 - 2280000880 - 2280001850 - 2280003640 - 2280003680 - 2280004980 - 2280005020 - 2280005021 - 2280005022 - 2280005023 - 2810067050

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Hilux 3.0 SW 4. Camry 2.0 D Turbo. Corolla 1.8 D, 2.0 D. Hilux 3.0 SW 4. Land Cruiser 3.0 TD - D-4D. Lite-Ace 2.0 D.

1098



T11 | SPL16 | CW
Fam. 46

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Hino: Caminhões FB/FF basculante.

1104T9 | SPL10 | CW
Fam. 13**ORIGINAL****Magneti-Marelli:** 74896851 - 85540141**MOTOR****Magneti-Marelli:** 63222001 - 63222031 - 63222039 - 63222136**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Cromo D, DT.
Lancia: Thema D, DT.**1107**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209669**MOTOR****Bosch:** 0001109034
Toyota: 281000B020**APLICAÇÃO / APLICACIÓN / APPLICATION****Toyota:** Avensis 2.0 TD.**1108**T9 | SPL16 | CCW
Fam. 133**ORIGINAL****Bosch:** F000AL1086 - 1006209657 - 1006209757 - 1007010105**MOTOR****Bosch:** 0001121006 - 0001121007 - 0001121010 - 0001121011**APLICAÇÃO / APLICACIÓN / APPLICATION****Audi:** A3 1.6, 1.8 T, TT.
Seat: Alhambra 1.8T, 2.0. Córdoba 1.6, 1.8, 2.0. Ibiza 1.6. Leon 1.4, 1.6, 1.8, 1.8T. Toledo 1.4, 1.6, 1.8.
Skoda: Octavia 1.6, 1.8, 1.8T, 2.0.
Volkswagen: Bora 1.6 Variant. Bora 1.6, 2.0. Golf IV 1.4, 1.6, 1.8, 2.0, 2.0 Variant. Golf IV 1.8 GTI, 1.8 GTI Turbo. New Beetle 1.8, 2.0. Polo 1.6, 1.8. Sharan 1.8T, 2.0. Transporter 2.0.**1109**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209637
Lucas Indiel: 220418**MOTOR****Bosch:** 0001109015 - 0001109052 - 0001109062**APLICAÇÃO / APLICACIÓN / APPLICATION****Opel:** Astra. Frontera. Saad 9.3. Vauxhall. Vectra. Zafira 2.0 DTL 16V.

1111



T9 | - | CW
Fam. 54

ORIGINAL

Bosch: 2006382060

MOTOR

Bosch: 0001510020 - 0001510025 - 0001510031 - 0001510032 - 0001510037 - 0001510038 - 0001510041

APLICAÇÃO / APLICACIÓN / APPLICATION

Kaeble
Mercedes Benz
MWM

1112



T9 | SPL12 | CW
Fam. 43

ORIGINAL

Remy: 10484659 - 10524228

MOTOR

Mercedes Benz: A0051518301
Remy: 10479645 - 10479651 - 10479652

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 710, 1418R, 1720, 1720K, L 1620, LO 814 - com motores OM 364 e OM 366 em 12V. OF 1721, OH 1420, OH 1621L, OH 1623 - com motores OM 364 e OM 366 em 24V.
TCM Equipment Ag: Motores 28MT 24V/12V.

1113



T9 | SPL10 | CW
Fam. 47

ORIGINAL

Magneti-Marelli: 85541270

MOTOR

Magneti-Marelli: 63111007 - 63111010

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 145, 146, 147, 155, 156.
BMW
Fiat: Barchetta. Brava. Bravo. Coupe. Marea, Marea 2.4 20V. Punto II. Stilo.
Lancia: Delta. Kappa. Lybra.

1117



T9 | SPL10 | CW
Fam. 13

ORIGINAL

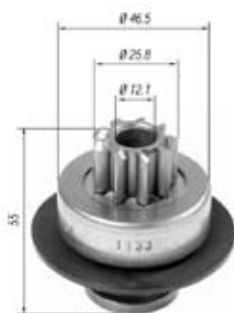
Fiat: 9941371
Magneti-Marelli: 74896591 - 85540431 - 85540451
Lucas Indiel: 220419

MOTOR

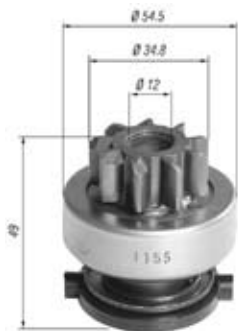
Magneti-Marelli: 63222000 - 63222004 - 63222030 - 63222034 - 63222038 - 63222130 - 63222134 - 63222135 - 63222138

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo
Fiat: Ducato TD.
Lancia

1133T9 | SPL9 | CW
Fam. 129**ORIGINAL****Lucas Indiel:** 220270**MOTOR****Lucas:** 35258740**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** Gol. Senda Saveiro.**1134**T10 | SPL9 | CW
Fam. 117**ORIGINAL****Lucas:** 220210**MOTOR****Lucas Indiel:** 35258400 - 35258420 - 35258460 - 35258560 - 35258720 - 35258840**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Duna 1.7 D. Fiorino 1.7 D. Palio 1.7 TD. Uno 1.7 TD.**Ford:** Pick-up (USA) 4.9, 5.8. Tiger Tug (USA) - Cummins.**Renault:** 19 1.7, 1.8. Clio 1.4. Clio F8Q 1.9 D. Express F8Q 1.9 D. Megane 2.0. R19 F8Q 1.9 D.**1152**T9 | SPL5 | CW
Fam. 34**ORIGINAL****Valeo:** 187428**MOTOR****Valeo:** D7E2**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** AX. BX.**Peugeot:** 106. 205. 309. 405.**Renault:** Clio II.**1153**T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** 1006209704**Lucas Indiel:** 220421**MOTOR****Bosch:** 0001116001**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Clio I / II. Kangoo. Twingo 1.2L.

1155



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209656

MOTOR

Bosch: F000AL0108 - 0001109031

APLICAÇÃO / APLICACIÓN / APPLICATION

Lombardini: 3, 4 cyl diesel 1989-0N.
Toyota: Avensis 2.0 TD. Corolla 2.0. Corolla 2.0 diesel.

1156



T21 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209652

MOTOR

Bosch: 0001107059 - 0001107082
Ford: 97KB11000AA - 97KB11000AB - 97KB11000AC

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Ka 1.3. Ka II 1.3. Ka III 1.3. Ka, Ka II, Ka III 1.3L 1996.

1157



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0148 - 6033AD3120

MOTOR

Bosch: 0001230007 - 0001230009 - 0001230010 - 0001231010 - 0001231011

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Iveco: Eurocargo.
New Holland: Trator. Trator TL 75E.

1158



T9 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0077 - 6033AD1002

MOTOR

Bosch: 0001223003 - 0001223007 - 0001223024

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Iveco: Daily II.
Renault: V.I. Mascott.

1159T10 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 6033AD0184 - 6033AD0200 - 6033AD3334 - 9002336237
DAF: 1382550

MOTOR

Bosch: 0001230004 - 0001230008 - 0001231009 - 0001231001 - 0001231012 - 0001231016 - 0001231026 - 0001231027
 0001231039

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Iveco: Fiat Ducato.
Renault: 210 Midlum dCI 6AE Euro 3.

1160T12 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 6033AD0129

MOTOR

Bosch: 0001231004

APLICAÇÃO / APLICACIÓN / APPLICATION

Volvo: FM 1998.

1161T11 | SPL6 | CW
Fam. 91**ORIGINAL**

Magneti-Marelli: 72336117

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Peugeot: J9D (Karsan).

1162T10 | SPL9 | CW
Fam. 85**ORIGINAL**

Valeo: NE885 - 186321 - 594251

MOTOR

Valeo: D9R142 - ND161

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: Laguna D RN, RT, RXE.

1168



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL1709 - 1006209778
Lucas Indiel: 220423

MOTOR

Bosch: F000AL0105 - F000AL0107 - F000AL0112

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Blazer diesel.
Nissan-Datsun: Frontier c/ motor MWM.

1169



T11 | SPL10 | CW
Fam. 47

ORIGINAL

Magneti-Marelli: 85541250 - 85541690
Lucas Indiel: 220424

MOTOR

Magneti-Marelli: 63111008 - 63111027 - 63112003

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo
Fiat: Brava. Bravo. Marea. Multipla.
Lancia

1170



T10 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 9002336225
Lucas Indiel: 220425

MOTOR

Bosch: 0001218166

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Camry 1991-96. Carina 1992-96. Corolla 1993-95 diesel.

1171



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9002336200 - 9002336205

MOTOR

Bosch: 0001218105 - 0001218128

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort 1.8L DSL 1989-96 See: 120-330. Fiesta 1.8L DSL 1989-96 See: 120-330. Orion 1.8L DSL 1989-96 See: 120-330.

1172T11 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 9003336286**MOTOR****Bosch:** 9000331411**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Renault Express, Extra, Rapid 1.6L DSL 1986-97.**1173**T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 9003336290**MOTOR****Bosch:** 9000331421 - 9000331424 - 9000331428**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun:** Nissan Trade 2.0L DSL 1984-98. Vanette 2.0L DSL 1984-98.**1174**T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 900331430 - 900336274**MOTOR****Bosch:** 9000331406**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun:** Ebro. Nissan Trucks 1985-2000. Van.**1175**T9 | SPL6 | CW
Fam. 17**ORIGINAL****Volga:** 4211.3708.600 - 42163708-01**MOTOR****Volga:** 4216.3708-01 - 62.3708**APLICAÇÃO / APLICACIÓN / APPLICATION****Volga:** Volga with 402 Engine.

1176



T9 | SPL16 | CW
Fam. 17

ORIGINAL

Volga: 4211.3708.600-08 - 42163708-07

MOTOR

Volga: 4216.3708-07 - 6012.3708-000

APLICAÇÃO / APLICACIÓN / APPLICATION

Volga: Volga with 406 Engine.

1177



T9 | SPL16 | CW
Fam. 101

ORIGINAL

Bosch: F000AL1306 - F000AL1694

MOTOR

Bosch: F000AL0400

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Gol GIII 1.6. Parati GIII 1.6. Saveiro GIII 1.6.

1178



T10 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0306

MOTOR

Bosch: 0001231008
Man: 51262017158

APLICAÇÃO / APLICACIÓN / APPLICATION

Man: L2000, Evolution, M2000, Evolution, M2000L. Trucks 1990-2002.

1179



T11 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0304 - 6033AD0467

MOTOR

Bosch: 0001231014

APLICAÇÃO / APLICACIÓN / APPLICATION

Volvo: FL180, 220, 250.

1180T10 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 2006209501**MOTOR****Bosch:** 0001363106 - 0001363120**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz:** Still Forklifts. Unimong U650.**1181**T11 | - | CW
Fam. 54**ORIGINAL****Bosch:** 2006382174 - 2006383160**MOTOR****Bosch:** 0001410067 - 0001410068 - 0001410116 - 0001415020**APLICAÇÃO / APLICACIÓN / APPLICATION****DAF:** F2800, F3200.**1184**T9 | SPL3 | CW
Fam. 20**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****1187**T9 | SPL9 | CW
Fam. 87**ORIGINAL****Paris-Rhone:** 99931**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** BX16, CX 2.0 C25.**Peugeot:** 309, 405, 504, 505, J5, J7.**Renault:** Fuego. Master. R4, R5, R9, R11, R18, R20, R21, R25. Trafic.**Volvo:** 345.

1188



T9 | SPL12 | CW
Fam. 83

ORIGINAL

Lester: 16109 - 16283

Lucas: TNB137 - 54244686 - 54245201 - 54245341 - 54246005 - 54247077 - 54247181

MOTOR

Lucas: 25165ADM35 - 25264AF5M90 - 25274ADM35 - 25329AM35 - 25348A5M90

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: 1800, Allegro, Maxi, Metro.

Bedford: CA 1.8, 2.3, CF 1.6-2.3, CF 1.8-2.3.

Ford: FT100, 120, 130, 160, 190.

Hillman: Avenger, Hunter, Minx, Sceptre.

Leyland: Freight Van, Sherpa Van.

Lotus: Europa.

Morris: 1800, Ital 1.7, 18/22 Series.

Talbot: Sunbeam 0.9, 1.3, 1.6.

Vauxhall: Cavalier, Chevette, Magnum, Magnum 1800, 2300, VX 1800, 2300 M 35, Ventora, Victor, Victor FD 2000, Victor FE 1800.

1189



T9 | SPL3 | CW
Fam. 17

ORIGINAL

Bosch: 1987BE0036

Lester: 6317 - 6339 - 6413

Remy: D2032 - 1984511

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1190



T10 | SPL19 | CW
Fam. 51

ORIGINAL

Bosch: 9001453670

Facet: 480217 - 480324

Lester: 4899

Remy: 1846089 - 830622

Wapsa: 224056

MOTOR

Bosch: 0001370001 - 9000453029 - 9000453066

APLICAÇÃO / APLICACIÓN / APPLICATION

Cummins: Motor série C.

Ford: Caminhão Cargo CF7000. Caminhão 1519, 1521, 1621, 2319, 2321, 3021, 3323 c/ motor Ford 7.8 lts. e partida JE.

Müeller: Compactador c/ motor Cummins série C.

New Holland: Motor HTA7, HTA8, TC7, TC8, TCP7, TCP8.

TCM Equipment Ag: Ford, VW, Müller, Cummins c/ partida Delco Remy/Bosch JE (10 dentes).

Volkswagen: Caminhão VW13.210, VW14.210, VW22.210, todos c/ motor Cummins 6 cil. Turbo. Caminhão 14170, 14210, 16170, 16210H Turbo Charger, 16220H Turbo Charger, 24220, (todos CUM-6 CT 8,3 lts.), (Eq. primário).

1191



T9 | SPL6 | CDW
Fam. 108

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1192T10 | SPL12 | CW
Fam. 115**ORIGINAL****Bosch:** 1987BE0018**Ford:** E90Z11350A - FOTZ11002A - F07U11000AA - F2TU11000AA - F5DZ11350A - SD337**Lucas:** TMB350**MOTOR**

Ford: E9SF11000AA - E9SF11000BA - E9SZ11002A - E9SZ11002B - E90F11000BA - E90Y11002A - E90Y11002B - FOCF11000BA
FOCU11000BA - FOFZ11002A - FOTZ11002A - FOTZ11002B - FO2F11000AA - F07U11000AA - F07U11000BA - F00U11000AA
FO0Y11002A - F0011002A - FOTZ11002A - F02U11000AA - F02Z11002A - F13U11000AA - F13Z11002A - F2DU11000AA
F2DU11000BA - F2DZ11002A - F2TU11000AA - F2TZ11002A - F23U11000AA - F23U11000BC - F23Z11002A - F23Z11002B
F3DU11000AA - F3DZ11002A - SA769 - SA769A - SA771 - SA771A - SA774 - SA775 - SA776 - SA777 - SA784 - SA790 - SA800 - SA807

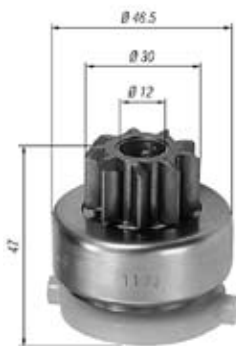
Mazda: ZZLO-18-400 - ZZL1-18-400**Porsche:** E90SZ11000AA - E90V11002A - E9SF11002A**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: Bronco 4.9L 92. Bronco 5.0L 92-96. Bronco 5.8L 92-96. Escape ano 2001 à 2009 - motores 6 cilindros. F séries Pick-up 5.0 lts (92-98). F séries Pick-up 5.8 lts. (92-96). F1000 4.9L 6 cil. à gasolina. F250 V6 à gasolina. Ranger. Taurus GL 1990 V6 3.8 gas.

Taurus GL 1991 V6 3.8 gas. Taurus GL 1992 V6 3.8 gas. Taurus GL 1993 V6 3.8 gas. Taurus GL 1994 V6 3.8 gas. Taurus GL 1995 V6 3.8 gas. Taurus L 1990 V6 3.8 gas. Taurus L 1991 V6 3.8 gas. Taurus L 1992 V6 3.8 gas. Taurus LX 1990 V6 3.8 gas. Taurus LX 1991 V6 3.8 gas. Taurus LX 1992 V6 3.8 gas. Taurus LX 1993 V6 3.8 gas. Taurus LX 1994 V6 3.8 gas. Taurus LX 1995 V6 3.8 gas. Taurus SE 1995 V6 3.8 gas. Tempo GL 1991 L4 2.3 gas. Tempo GLS 1991 L4 2.3 gas. Tempo L 1991 L4 2.3 gas. Tempo LX 1991 L4 2.3 gas. Thunderbird LX 1989 V6 3.8 gas. Thunderbird LX 1990 V6 3.8 gas. Thunderbird LX 1991 V6 3.8 gas. Thunderbird LX 1992 V6 3.8 gas. Thunderbird LX 1993 V6 3.8 gas. Thunderbird LX 1994 V6 3.8 gas. Thunderbird LX 1995 V6 3.8 gas. Thunderbird LX 1996 V6 3.8 gas. Thunderbird SC 1989 V6 3.8 gas. Thunderbird SC 1990 V6 3.8 gas. Thunderbird SC 1991 V6 3.8 gas. Thunderbird SC 1992 V6 3.8 gas. Thunderbird SC 1993 V6 3.8 gas. Thunderbird SC 1994 V6 3.8 gas. Thunderbird SC 1995 V6 3.8 gas.

Lincoln: Continental Executive 1991 V6 3.8 gas. Continental Executive 1992 V6 3.8 gas. Continental Executive 1993 V6 3.8 gas. Continental Executive 1994 V6 3.8 gas. Continental Signature 1989 V6 3.8 gas. Continental Signature 1990 V6 3.8 gas. Continental Signature 1991 V6 3.8 gas. Continental Signature 1992 V6 3.8 gas. Continental Signature 1993 V6 3.8 gas. Continental Signature 1994 V6 3.8 gas.

Mercury: Cougar LS 1989 V6 3.8 gas. Cougar LS 1990 V6 3.8 gas. Cougar LS 1991 V6 3.8 gas. Cougar LS 1992 V6 3.8 gas. Cougar XR-7 1989 V6 3.8 gas. Cougar XR-7 1990 V6 3.8 gas. Cougar XR-7 1993 V6 3.8 gas. Cougar XR-7 1994 V6 3.8 gas. Cougar XR-7 1995 V6 3.8 gas.

1193T9 | SPL12 | CW
Fam. 115**ORIGINAL****Ford:** FOFZ11350A - SD-340**Lester:** 3214**MOTOR****Ford:** FOCF-11000AA - FOCU-11000AA - SA779**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Escort.**1194**T10 | SPL12 | CW
Fam. 29**ORIGINAL****Lester:** 6583**Lucas Indiel:** 220427**Remy:** 10456455 - 10457056 - 10457579**MOTOR**

Remy: 10465151 - 10465314 - 10479604 - 10479614 - 10479615 - 10479617 - 10479618 - 10479625 - 10479634 - 10479638 - 10479641 - 1113269 - 1113270 - 1113292 - 1113295 - 1113296

APLICAÇÃO / APLICACIÓN / APPLICATION**Bobcat:** Bobcat.**Cummins:** Cummins. Cummins c/ partida Delco Remy 28MT.**Ford:** Ford Truck c/ motor Cummins partida Delco 28MT. F12000, F14000 (ano 99) c/ partida Delco 28MT, F700.**General Motors:** Pick-up Silverado Sierra Importado DIE c/ partida Delco Remy.**John Deere (SLC):** John Deere.**TCM Equipment Ag:** GM, Silverado Sierra c/ motor Cummins. John Deere, Bobcat.

1195T10 | SPL12 | CW
Fam. 29**ORIGINAL**

Lester: 6572 - 6576 - 6578 - 6581 - 6584 - 6587 - 6588 - 6593 - 6600 - 6602
Remy: D2054 - 10457057

MOTOR

Remy: 10479607 - 1113274 - 1113275 - 1113278 - 1113281 - 1113282 - 1113284 - 1113285 - 1113288 - 1113289 - 1113290 - 1113297

APLICAÇÃO / APLICACIÓN / APPLICATION

Bobcat: Bobcat.
Clark: Clark.
Deutz: Allis c/ partida Delco Remy 28MT 12/24V.
Hyster: Empilhadeira Hyster.
IHC
Massey Ferguson: Trator Maxion 9110, 9130, 9150, 9170. Trator MF265, 270, 275, 285, 290, 292, 295, 296, 400, 50X, 55X, 65R, 65X, 85X, 86, 95, 95I, (todos c/ partida Bosch).
Müller: Müller.
New Holland: New Holland.
Perkins: Tratores, Industriais, Estacionários.
TCM Equipment Ag: Série 28MT 12/24V (Deutz, Massey Ferguson, Bobcat).

1196T12 | SPL12 | CW
Fam. 29**ORIGINAL**

Lester: 6571 - 6575 - 6586
Remy: 10457058 - 10457168

MOTOR

Remy: 10479606 - 10479613 - 1113273 - 1113279 - 1113280

APLICAÇÃO / APLICACIÓN / APPLICATION

Bobcat: Melroe Bobcat.
Clark: Clark.
Hyster: Empilhadeira Hyster.
New Holland: New Holland.
Perkins: Tratores, Industriais, Estacionários.

1197T9 | SPL12 | CW
Fam. 29**ORIGINAL**

Lester: 6579 - 6599
Remy: 10457059

MOTOR

Remy: 10479620 - 1113286

APLICAÇÃO / APLICACIÓN / APPLICATION

Deutz: Allis.
Mercedes Benz: Caminhão 712 eletronic.

1198T9 | SPL12 | CW
Fam. 29**ORIGINAL**

Remy: 10457060

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

1199T12 | SPL12 | CW
Fam. 115**ORIGINAL****Ford:** F2VY11350A - SD-341 **Lester:** 3221 - 3267**MOTOR****Ford:** F2VY11002A - F3LU11000AA - F3LY11002A - SA789 - SA822**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: Crown Victoria LX 1992 V8 4.6 gas. Crown Victoria LX 1993 V8 4.6 gas. Crown Victoria LX 1994 V8 4.6 gas. Crown Victoria LX 1995 V8 4.6 gas. Crown Victoria Police Interceptor 1993 V8 4.6 gas. Crown Victoria Police Interceptor 1994 V8 4.6 gas. Crown Victoria Police Interceptor 1995 V8 4.6 gas. Crown Victoria S 1992 V8 4.6 gas. Crown Victoria S 1993 V8 4.6 gas. Crown Victoria S 1994 V8 4.6 gas. Crown Victoria S 1995 V8 4.6 gas. Crown Victoria Touring Sedan 1992 V8 4.6 gas. Mustang. Mustang Cobra 1996 V8 4.6 gas. Mustang Cobra 1997 V8 4.6 gas. Mustang GT 1996 V8 4.6 gas. Mustang GT 1997 V8 4.6 gas. Thunderbird LX 1994 V8 4.6 gas. Thunderbird LX 1995 V8 4.6 gas. Thunderbird LX 1996 V8 4.6 gas.

Lincoln: Mark VIII LSC 1995 V8 4.6 gas. Mark VIII LSC 1996 V8 4.6 gas. Town Car Cartier 1992 V8 4.6 gas. Town Car Cartier 1993 V8 4.6 gas. Town Car Cartier 1994 V8 4.6 gas. Town Car Cartier 1995 V8 4.6 gas. Town Car Executive 1992 V8 4.6 gas. Town Car Executive 1993 V8 4.6 gas. Town Car Executive 1994 V8 4.6 gas. Town Car Executive 1995 V8 4.6 gas. Town Car Jack Nicklaus 1993 V8 4.6 gas. Town Car Signature 1992 V8 4.6 gas. Town Car Signature 1993 V8 4.6 gas. Town Car Signature 1994 V8 4.6 gas. Town Car Signature 1995 V8 4.6 gas. Town Car Spinmaker Edition 1995 V8 4.6 gas. Town Car Tournament Edition 1994 V8 4.6 gas.

Mercury: Cougar XR-7 1994 V8 4.6 gas. Cougar XR-7 1995 V8 4.6 gas. Cougar XR-7 1996 V8 4.6 gas.

1200- - - CW
Fam. 122**ORIGINAL****Hitachi:** 211425505 - 211475008**Isuzu:** 8941155690**Nissan-Datsun:** 2335411M00**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Isuzu:** Isuzu.**Nissan-Datsun:** Primera 2.0. Stanza.**Volvo:** 240 D, 740 TD.**1201**- - - CW
Fam. 124**ORIGINAL****Nippondenso:** 283000010**MOTOR****Nippondenso:** 1280007500 - 1280009380**APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Daytona 3.0. Fifty Avenue. Lebaron. Saragata 3.0. Voyager 3.3 V6 1990 - 1993.**Harley-Davidson:** MY91 - 06 BT except MY06 Dyna.**1204**T11 | SPL19 | CW
Fam. 51**ORIGINAL****Leece - Neville:** M02909722**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

1205



T12 | SPL19 | CW
Fam. 51

ORIGINAL

Facet: 10641
Lester: 6630 - 6633 - 6634 - 6662 - 6664 - 6666
Remy: 10472565

MOTOR

Remy: 10461417 - 10478818 - 10478961 - 10479109 - 10479292 - 10479310 -

APLICAÇÃO/APLICACIÓN/APPLICATION

Agco: Trator MF 2360 - c/ motor Cummins. **Caterpillar:** Colheitadeira/Combine/Cosechadora MT 875. Motoniveladora 120H c/ partida Delco Remy 41MT. **Cummins:** Cummins c/ partida Delco Remy 42MT (Empilhadeira Hyster a partir de 97).
General Motors Hyster: Empilhadeira 97 c/ motor Cummins.
Mercedes Benz: 1632L, 1632LS, 1634LS, 1938L, 1938LS, 1938S, 1944L, 2638, 2638LK, 2638LS, OF 1722, OH 1628L, Plataformas O 400RSD e SRE de junho de 2002 a setembro 2004. O 500R, RSD e RSE. Demais aplicações com Turbo Brake, exceto Plataforma O 400 mecânico, a partir de setembro de 2004. **TCM Equipment Ag:** Empilhadeira Hyster c/ motor Cummins.

1206



T9 | SPL6 | CW
Fam. 38

ORIGINAL

Fiat: 9941306
Magneti-Marelli: 85540411

MOTOR

Magneti-Marelli: 63222831 - 63222832 - 63222833 - 63222836 - 63222837 - 63222838 - 63222897 - 63223001 - 63223031 - 63223032 - 63223033 - 63223034

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Tipo 1.4, 1.6.
Lancia: Dedra 1.6 i.e.

1207



- | - | CCW
Fam. 122

Substitui/Cambiar/Replaces 0824.1

ORIGINAL

Hitachi: 211425509
Nissan-Datsun: 2335416E01

MOTOR

Hitachi: 5114440 - 5114475A - 5114486 - 51384B - 51389
Nissan-Datsun: 2330036A00

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: NX1600. NX2000. Pulsar 1.6. Sentra 1.6.

1208



T10 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: F3RZ11350A - F5RU11350RA - SD-353 - XS6411350AA - XS6U11350AA - 53R211350A
Lucas Indiel: 223299

MOTOR

Ford: F3RZ11002A - F3RZ11002B - 93BB11000HB - 93BB11000JB - 96BB11000AA - 97BB11000BB - 97BB11000BC

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Contour. Cougar 2.0. Courier 1.6 2001. Escape ano 2001 à 2004 / motores 4 cilindros. Escort 1.6, 1.8. Escort c/ partida Visteon. Fiesta. Focus 1.8, 2.0. KA. Mercury Mystique 2.0L 4 cil. 95-96. Mondeo 1.6, 1.8, 2.0, 1.8 D. Mondeo CLX 97.

1209T10 | SPL5 | CW
Fam. 86**ORIGINAL****Valeo:** NE877 - 186798 - 187961 - 187981 - 594177 - 594252**MOTOR****Valeo:** D6RA56 - D6RA62 - D6RA82 - D6RA83 - D6RA107 - D6RA133 - D6RA162 - D6RAD183**APLICAÇÃO / APLICACIÓN / APPLICATION****General Motors:** Astra 1.8, 2.0, 2.0 16V. Calibra 2.0, 2.0i, 2.0i 16V. Corsa. Suprema 2.0, 2.2, 3.0. Vectra 2.0 GSi MPFi, 2.0 GLS MPFi.**Renault:** Clio 1.2, 1.4, 1.6, 1.8. Laguna 1.8, 2.0. Megane 2.0. R19 1.8, R21. Scenic 2.0.**Volvo:** 440, 460, 480, S40, V40.**1210**T11 | SPL19 | CW
Fam. 51**ORIGINAL****Lester:** 6631 - 6635**Remy:** 10476528**MOTOR****Remy:** 10478898**APLICAÇÃO / APLICACIÓN / APPLICATION****General Motors****TCM Equipment Ag:** Série 42/50MT 12/24V.**1211**- | - | CCW
Fam. 121**ORIGINAL****Lester:** 17170 - 17263 - 17534 - 17687 - 17715 - 17716 - 17774 - 17777**Nippondenso:** 0280906580 - 0280996580 - 0283010020 - 2801174070**MOTOR****Nippondenso:** 1280007390 - 1280008400 - 1280009710 - 1280009720 - 2280000820 - 2280000830 - 2280001910 - 2280002500**APLICAÇÃO / APLICACIÓN / APPLICATION****Kia:** Kia.**Toyota:** Avensis 2.0. Camry 1.8, 2.0, 2.2i, 3.0 V6. Carina II 2.0i. Celica 2.0 GT, 2.0 GTi, 2.0 Turbo. MR-2 2.0. Picnic 2.0. RAV-4 2.0.**1212**- | - | CCW
Fam. 121**ORIGINAL****Lester:** 17273 - 17549 - 17574**Nippondenso:** 0283010060**MOTOR****Nippondenso:** 228000022 - 228000180**APLICAÇÃO / APLICACIÓN / APPLICATION**

1213



ORIGINAL

Lester: 17242
Nippondenso: 0283007160 - 02833007910
Subaru: 23312AA030

MOTOR

Nippondenso: 128000832 - 1280008321

APLICAÇÃO / APLICACIÓN / APPLICATION

Subaru: 1.8, GTi, Turbo, 4X4. 1800, 4X4. Impreza 1.8. Legacy 1.8 2WD. Legacy 2.2

1214



ORIGINAL

Prestolite: M029095036

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1215



ORIGINAL

Nippondenso: 2801154070

MOTOR

Nippondenso: 0280007373 - 0280008760 - 0280008762 - 1280000362 - 1280007353 - 1280008142 - 1280008152 - 1280009592
 2280000400 - 2280000640 - 2280001300
Toyota: 2810054100 - 2810054170

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Hi Lux 2.8 D. Land Cruiser.
Volkswagen: Taro.

1216



ORIGINAL

Autolite-Prestolite: EBA45 - EBB113A - EBB129A - EBB19 - EBB19A - EBB30 - P59116 - P59180 - P5921 - P5934 - 6315 - 6316
Chrysler: 3837936 - 3837986 **Ford:** BRNN11350 - FAB11350A - FAC11350A - FAD11350A - FAV11350A **Remy:** D2010 - D2012 - D2023
 1878079 - 1881636 - 1887463 - 1904170 - 1909204 - 1912766 - 1913587 - 1913589 - 1918219 - 1922266 - 1925079 - 1925285
 1925871 - 1938637 - 1952832 - 1958621 - 1964293 - 1971147

MOTOR

Ford: FAJ11001B - FAN11001A - FAP11001A - FAS11001A
Remy: 1107037 - 1107056 - 1107074 - 1107084 - 1107087 - 1107088 - 1107089 - 1107092 - 1107095 - 1107115 - 1107116 - 1107125
 1107126 - 1107134 - 1107139 - 1107141 - 1107149 - 1107158 - 1107173 - 1107196 - 1107198 - 1107217 - 1107235 - 1107253
 1107605 - 1107654 - 1107658 - 1107659 - 1107695 - 1107728 - 1107745 - 1107746 - 1107747 - 1107755 - 1107762 - 1107787
 1107830 - 1107927 - 1107943 - 1107954 - 1107977 - 1108008 - 1108015 - 1108021 - 1108029 - 1108037 - 1108057 - 1108068
 1108077 - 1108078 - 1108106 - 1108112 - 1108126 - 1108131 - 1108149 - 1108150 - 1108186 - 1109384 - 1109450 - 1109457
 1109458 - 1109468 - 1109654 - 1109671

APLICAÇÃO / APLICACIÓN / APPLICATION

Willys: Linha Willys c/ partida Autolite.

1217T9 | SPL12 | CW
Fam. 115**ORIGINAL**

Facet: 10682
Ford: F87U11350 - F87U11350AC

MOTOR

Ford: F87U11000DD

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F1000, todos diesel. Ranger, todos diesel.

1218T8 | SPL5 | CCW
Fam. 108**ORIGINAL**

BRP: 278001497 - 278001936
Sea Doo: 278001106

MOTOR

Nippondenso: 2280006240
ZEN: 12723

APLICAÇÃO / APLICACIÓN / APPLICATION

Sea Doo: GSX, GTI, GTS, GTX, HX, SP, SP1, SPX, XP. Sea Doo - série 800 (modelos novos). Toda Linha 110 HP

1222T10 | SPL16 | CCW
Fam. 101**ORIGINAL**

Bosch: F000AL1446 - F000AL1682

MOTOR

Bosch: F000AL0401

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Gol II 1.0 MI. Gol III 1.0 16V Turbo. Gol III 1.0 MI. Gol III 1.0 MI 16V. Parati III 1.0 MI 16V. Parati III 1.0 MI 16V Turbo.

1223T9 | SPL16 | CW
Fam. 94**ORIGINAL**

Bosch: F000AL1186 - F000AL1681 - 1006209762

MOTOR

Bosch: F000AL0502

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Parati III 1.8 MI, 2.0 MI. Quantum 1.8 MI, 2.0 MI. Santana 1.8 MI, 2.0 MI. Saveiro III 1.8 MI, 2.0 MI.

1224



T10 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: E90Z11350A - F0TZ11002A - F07U11000AA - F2TU11000AA - F5DZ11350A

Lester: 3204 - 3205 - 3213 - 3217 - 3224 - 3232 - 3238 - 3239 - 3240 - 3241 - 3246 - 3247 - 3264 - 3266 - 3268 - 3269 - 3270 - 3271 - 3272 - 3273 - 3274

MOTOR

Ford: E9SF11000AA - E9SF11000BA - E9SZ11002A - E9SZ11002B - E90F11000BA - E90Y11002A - E90Y11002B - F0CF11000BA - F0CU11000BA - F0FZ11002A - F0TZ11002A - F0TZ11002B - F0ZF11000AA - F07U11000AA - F07U11000BA - F00U11000AA - F00Y11002A - F00I11002A - F0TZ11002A - F02U11000AA - F02Z11002A - F13U11000AA - F13Z11002A - F2DU11000AA - F2DU11000BA - F2DZ11002A - F2TU11000AA - F2TZ11002A - F23U11000AA - F23U11000BC - F23Z11002A - F23Z11002B - F3DU11000AA - F3DZ11002A - SA769 - SA769A - SA771 - SA771A - SA774 - SA775 - SA776 - SA777 - SA784 - SA790 - SA800 - SA807

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Bronco 4.9L 92. Bronco 5.0L 92-96. Bronco 5.8L 92-96. F Series Pick-up 5.0L 92-98. F Series Pick-up 5.8L 92-96. F1000 4.9L 6 cil. à gasolina. Ranger. Taurus GL 1990 V6 3.8 gas. Taurus GL 1991 V6 3.8 gas. Taurus GL 1992 V6 3.8 gas. Taurus GL 1993 V6 3.8 gas. Taurus GL 1994 V6 3.8 gas. Taurus GL 1995 V6 3.8 gas. Taurus L 1990 V6 3.8 gas. Taurus L 1991 V6 3.8 gas. Taurus L 1992 V6 3.8 gas. Taurus LX 1990 V6 3.8 gas. Taurus LX 1991 V6 3.8 gas. Taurus LX 1992 V6 3.8 gas. Taurus LX 1993 V6 3.8 gas. Taurus LX 1994 V6 3.8 gas. Taurus LX 1995 V6 3.8 gas. Taurus SE 1995 V6 3.8 gas. Tempo GL 1991 L4 2.3 gas. Tempo GLS 1991 L4 2.3 gas. Tempo L 1991 L4 2.3 gas. Tempo LX 1991 L4 2.3 gas. Thunderbird LX 1989 V6 3.8 gas. Thunderbird LX 1990 V6 3.8 gas. Thunderbird LX 1991 V6 3.8 gas. Thunderbird LX 1992 V6 3.8 gas. Thunderbird LX 1993 V6 3.8 gas. Thunderbird LX 1994 V6 3.8 gas. Thunderbird LX 1995 V6 3.8 gas. Thunderbird LX 1996 V6 3.8 gas. Thunderbird SC 1989 V6 3.8 gas. Thunderbird SC 1990 V6 3.8 gas. Thunderbird SC 1991 V6 3.8 gas. Thunderbird SC 1992 V6 3.8 gas. Thunderbird SC 1993 V6 3.8 gas. Thunderbird SC 1994 V6 3.8 gas. Thunderbird SC 1995 V6 3.8 gas. F150.

Lincoln: Continental Executive 1991 V6 3.8 gas. Continental Executive 1992 V6 3.8 gas. Continental Executive 1993 V6 3.8 gas. Continental Executive 1994 V6 3.8 gas. Continental Signature 1989 V6 3.8 gas. Continental Signature 1990 V6 3.8 gas. Continental Signature 1991 V6 3.8 gas. Continental Signature 1992 V6 3.8 gas. Continental Signature 1993 V6 3.8 gas. Continental Signature 1994 V6 3.8 gas.

Mercury: Cougar LS 1989 V6 3.8 gas. Cougar LS 1990 V6 3.8 gas. Cougar LS 1991 V6 3.8 gas. Cougar LS 1992 V6 3.8 gas. Cougar XR-7 1989 V6 3.8 gas. Cougar XR-7 1990 V6 3.8 gas. Cougar XR-7 1993 V6 3.8 gas. Cougar XR-7 1994 V6 3.8 gas. Cougar XR-7 1995 V6 3.8 gas.

Valmet: Trator/Tractor.

1225



T9 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: F0FZ11350A - SD340

MOTOR

Ford: F0CF11000AA - F0CU11000AA - SA779

APLICAÇÃO / APLICACIÓN / APPLICATION

1226



T12 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: F2VY11350A - SD341

MOTOR

Ford: F2VY11002A - F3LU11000AA - F3LY11002A - SA789 - SA822

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Crown Victoria LX 1992 V8 4.6 gas. Crown Victoria LX 1993 V8 4.6 gas. Crown Victoria LX 1994 V8 4.6 gas. Crown Victoria LX 1995 V8 4.6 gas. Crown Victoria Police Interceptor 1993 V8 4.6 gas. Crown Victoria Police Interceptor 1994 V8 4.6 gas. Crown Victoria Police Interceptor 1995 V8 4.6 gas. Crown Victoria S 1992 V8 4.6 gas. Crown Victoria S 1993 V8 4.6 gas. Crown Victoria S 1994 V8 4.6 gas. Crown Victoria S 1995 V8 4.6 gas. Crown Victoria Touring Sedan 1992 V8 4.6 gas. Mustang Cobra 1996 V8 4.6 gas. Mustang Cobra 1997 V8 4.6 gas. Mustang GT 1996 V8 4.6 gas. Mustang GT 1997 V8 4.6 gas. Thunderbird LX 1994 V8 4.6 gas. Thunderbird LX 1995 V8 4.6 gas. Thunderbird LX 1996 V8 4.6 gas.

Lincoln: Mark VIII LSC 1995 V8 4.6 gas. Mark VIII LSC 1996 V8 4.6 gas. Town Car Cartier 1992 V8 4.6 gas. Town Car Cartier 1993 V8 4.6 gas. Town Car Cartier 1994 V8 4.6 gas. Town Car Cartier 1995 V8 4.6 gas. Town Car Executive 1992 V8 4.6 gas. Town Car Executive 1993 V8 4.6 gas. Town Car Executive 1994 V8 4.6 gas. Town Car Executive 1995 V8 4.6 gas. Town Car Jack Nicklaus 1993 V8 4.6 gas. Town Car Signature 1992 V8 4.6 gas. Town Car Signature 1993 V8 4.6 gas. Town Car Signature 1994 V8 4.6 gas. Town Car Signature 1995 V8 4.6 gas. Town Car Spinmaker Edition 1995 V8 4.6 gas. Town Car Tournament Edition 1994 V8 4.6 gas.

Mercury: Cougar XR-7 1994 V8 4.6 gas. Cougar XR-7 1995 V8 4.6 gas. Cougar XR-7 1996 V8 4.6 gas.

1227**ORIGINAL**

Fiat: 9941300
Magneti-Marelli: 74893901 - 85540381

MOTOR

Magneti-Marelli: 63101003 - 63221800 - 63221890 - 63221892

APLICAÇÃO / APLICACIÓN / APPLICATION

Autobianchi: Y10 Fire, Y10 AWD.
Fiat: Panda 750. Tipo 1.1 Fire. Uno 45 Fire.
Lancia

1228**ORIGINAL**

Ford: F3RZ11350A - F5RU11350RA
Lester: 3261 - 3262 - 3263

MOTOR

Ford: F3RZ11002B - XS6U11000AC

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escape ano 2001 à 2004 c/ motores 4 cilindros. Escort TD. Mondeo 1.6, 1.8, 2.0, 4x4.

1302**ORIGINAL**

Bendix: 293187 - 324840
Italacciai: SD319
Lester: 16398
Paris-Rhone: 56380 - 56380E - 70752
Valeo: NE154

MOTOR

Italacciai: D8E045
Paris-Rhone: D8E111 - D8E45 - D8E52 - D8E54 - D8E70 - D8E74 - D8E86

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: R4, R4, F4, R5, R6.
Talbot: 900, 1000.

1333**ORIGINAL**

Fiat: 9940577
Magneti-Marelli: 74896531 - 85540081

MOTOR

Magneti-Marelli: 63221830 - 63221832

APLICAÇÃO / APLICACIÓN / APPLICATION

Seat: Ibiza. Malaga. Ronda.

1351



T10 | SPL3 | CW
Fam. 20

ORIGINAL

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

1359



T10 | SPL6 | CW
Fam. 20

ORIGINAL

Bosch: 9001453333 - 9001453334 - 9001453338
General Motors: 07328970
Volkswagen: BC4N11350A - 04128642
Wapsa: 224004 - 224038 - 224043 2244 - 2244036

MOTOR

Bosch: 9000453001 - 9000453004 - 9000453005 - 9000453006 - 9000453009 - 9000453011 - 9000453014 - 9000453015 - 9000453016 - 9000453017 - 9000453019 - 9000453028 - 9000453032 - 9000453034 - 9000453038 - 9000453041 - 9000453042 - 9000453043 - 9000453046 - 9000453047 - 9000453049 - 9000453050 - 9000453051 - 9000453052 - 9000453054 - 9000453059 - 9000453061
Wapsa: MALMF2 - MALP2 - MALTf1 - MALTf2 - MPB1 - MPB11 - MPB17 - MPB18 - MPB2 - MPB23 - MPB31 - MPB33 - MPB49 - MPB50 - MPB59 - MPB60 - MPB63 - MPB70 - MPC69 - MPF8 - MPJ1074 - MPMF3 - MPN2

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: Pá Carregadeira W7 c/ motor Perkins 6 cil. e partida Wapsa. Retroescavadeira 580, 580E, 580CK c/ motor Perkins 4 cil. e 580H c/ partida Wapsa.
CBT: Trator 1000, 1090, 1100 c/ motor Perkins 4 e 6 cil. Trator 8240 a álcool c/ motor Perkins 4236.
Chrysler: Caminhão Dodge D400 4 cil. c/ motor Perkins e partida Wapsa.
Clark: Empilhadeira C-300, HY40, 50, 60, C-500 Y110,135,155. Motor PK4236 - Pick-up militar. Pá Carregadeira Michigan 75A, 75II, 75III c/ partida Wapsa.
Ford: F11000 c/ motor Perkins 6 cil. F12000 c/ motor Perkins 6 cil. F13000 c/ motor Perkins 6 cil. F2000 c/ motor diesel Ford 4 cil. F4000 c/ motor diesel Ford 4 cil. Trator 4600, 5600 e 6600 4 cil.
General Motors: Caminhão c/ partida Wapsa c/ motor Perkins 6 cil. Pick-up diesel c/ motor Perkins 4 cil. e partida Wapsa.
Massey Ferguson: Colheitadeira/Combine/Cosechadora MF220 c/ partida Wapsa. Trator MF235, MF250, MF275, MF285, MF290, MF296, MF3366, MF400, MF50X, MF55X, MF65R, MF65X, MF85X, MF95I. Trator MF95X c/ partida Wapsa de 11/71 a 08/77. MF290 RA c/ motor Perkins 4236 diesel.
Perkins: Motor 4 e 6 cil. (GM, Ford, Dodge, CBT, Case c/ partida Wapsa).
Volkswagen: Caminhão 6.80 c/ motor Perkins.

1361



T9 | SPL5 | CW
Fam. 20

ORIGINAL

Bosch: 9001453336
Volkswagen: BDST11350A - T11911335A
Wapsa: 224026

MOTOR

Bosch: 9000453012 - 9000453027 - 9000453033 - 9000453062
Wapsa: MPB30 - MPB42 - MPB68 - MPB9

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Caminhão TX1600 c/ motor MWM.
Chrysler: Caminhão Dodge D750, D950, D14000 c/ motor MWM 6 cil. e partida Wapsa.
Ford: Caminhão F1000, F11000, F2000, F400, F4000, F7000 c/ motor MWM 4 e 6 cil.
MWM: Motor D229-3, D229-4, D229-6 c/ partida Wapsa.
Valmet: Trator c/ motor MWM 3, 4 e 6 cil. e partida Wapsa.
Volkswagen: Caminhão VW11130, VW13130 c/ partida Wapsa.

1364T9 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209421 - 2006209436 - 2006209446 - 9001083406 - 9001083436 - 9002453073**Fiat:** 79028900 - 79028909 - 8122129 - 9008243 - 9926112 - 9957919**Italacciai:** SD124**Mercedes Benz:** 0001517013**Volkswagen:** 04053926**MOTOR**

Bosch: 0001354084 - 0001359031 - 0001359055 - 0001359057 - 0001359062 - 0001359071 - 0001359072 - 0001359073 - 0001359074 - 0001359083 - 0001359084 - 0001359087 - 0001359089 - 0001359091 - 0001359097 - 0001359100 - 0001359101 - 0001359111 - 0001359113 - 0001359118 - 0001359119 - 0001360004 - 0001360025 - 0001360027 - 0001360030 - 0001360031 - 0001360032 - 0001360034 - 0001360035 - 0001360036 - 0001360037 - 0001360038 - 0001360039 - 0001360040 - 0001360046 - 0001360047 - 0001360049 - 0001360056 - 0001360057 - 0001360059 - 0001360061 - 0001360065 - 0001364108 - 0001365007 - 0001365008 - 9000083027 - 9000083028 - 9000083031 - 9000083036 - 9000083045 - 9000083046 - 9000083050 - 9000083052 - 9000083053 - 9000083054 - 9000083056 - 9000083060 - 9000083061 - 9000083063 - 9000083064 - 9000083065 - 9000083066 - 9000083067 - 9000083068 - 9000083074 - 9000453074

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão TX1600 D, 1800 D, 1600 D. **Carraro:** Tigrone 625. **Case:** Escavadeira Hidráulica 80CP, 80CR. Pá Carregadeira W18, W20, W20B, todos c/ partida JF. Trator W18, W20 (MBB-OM 352), W20B (MBB-OM 352A). **CBT:** Trator 1065 (MBB-OM 314), 1105 (MBB-OM 352). Trator 2080 (MBB-OM 314). Trator 2105 (MBB-OM 352). Trator 2600, 8440, Oliver 1020, 1065, 950, todos c/ partida JF a partir de 10/76. Trator 8060 4x4 (MBB-OM 352). **Chrysler:** Caminhão Dodge D950, P700, P900 c/ motor MWM e partida Bosch JF. **Claas:** Dominator 80, 85, Mercator 50, 60, 70. **Clark:** Pá Carregadeira Michigan 55C, 45C, 55A, 65R, 75III. **Fiat Allis:** 1300, 1300DT, 1900B, FR10, FR12. Escavadeira Hidráulica FE105. Motoniveladora FG70, FG85. **Ford:** Cargo C1215, C1216, C1217, C1415, C1416, C1417, C1421, C1617, C1621, C814, C815, F4000. **Hanomag:** R70, 100. **Komatsu:** Trator de Esteiras D30E, D50A, D50P. **Massey Ferguson:** MF33B, W450B, 450B, 450C. **Mercedes Benz:** Caminhão/Ônibus 1214, 1218, 1414, 1418, 1614, 1618, 1621, 2215, 2216, L610(OM 352), 1113, 1313, 1316, 1513, 1516, 2013, 2016, 2213, 2216, L608D, L709D, L1319, LP1219, LP1419. Chassi p/ Ônibus OF/OH 1113, 1115, 1313, 1315, 1316, O364, O371U Ônibus c/ motor M366G. Ônibus L0812, O364, O365, O366, O371U. **MWM:** Motor D225-6, D229-4, D229-6, TD229-6, todos a partir de 08/77. **New Holland:** Colheitadeira/Combine/Cosechadora FNH 8040 (MBB-OM352), FNH 8055 (MBB-OM352A). **Poclair:** FC30, LC80, LY80, MCL84. **Same:** Ariete (4801 Engine), Drago 100. **Steyr Puch:** 586, 590, 690, 1000, 1200, 980A, 1100, 1200. **Toyota:** Utilitário Bandeirante (MBB-OM 314) a partir de 10/76. **Valmet:** Trator 78, 85ID, 88, 110ID, 118, 128, 138, 138/4 Turbo, 148, 880, 980, todos a partir de 08/77. **Volkswagen:** Caminhão VW11.130, VW13.130, VW6.90, VW7.110S, VW7.90S. Chassi VW7.90S, VW7.90CE, VW7.90CO, todos c/ partida Bosch JF.

1372T10 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 9002453078 - 9002453079**MOTOR****Bosch:** 9000083077**APLICAÇÃO / APLICACIÓN / APPLICATION****Elmot:** Tractors.**Ford:** Cargo 1618. F1000 e F4000 c/ motor MWM e partida Bosch JF após 98.**MWM:** Motor 4.10T, 6.10T c/ partida JF.**Volkswagen:** Caminhão c/ motor MWM X10. Volks Bus c/ motor MWM e partida JF.**1451**T9 | SPL10 | CCW
Fam. 94**ORIGINAL****Bosch:** 1006209650**MOTOR****Bosch:** 0001109029**APLICAÇÃO / APLICACIÓN / APPLICATION****Hatz****Lombardini****Ruggerini:** RD180, 181, 200. RF80, 81, 88, 90, 91, 96, 99, 120, 121, 130, 140, 148.

1452



T10 | SPL6 | CCW
Fam. 108

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1453



Fam. 108

ORIGINAL

MOTOR

United Technologies: 10153340 - 10153440 - 6743040 - 6767540 - 6873740 - 7005840

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercury Marine: 25 HP Engines. 30, 60 HP 4-Stroke. 9.9, 15HP 4-Stroke 99.

1454



T9 | SPL6 | CCW
Fam. 108

ORIGINAL

MOTOR

Mercury Marine: 50834749 - 50859171T
United Technologies: 10153540 - 6743240

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercury Marine: 50 HP 4-Stroke.

1455



T10 | SPL6 | CCW
Fam. 108

ORIGINAL

Johnson Electric: 10394020

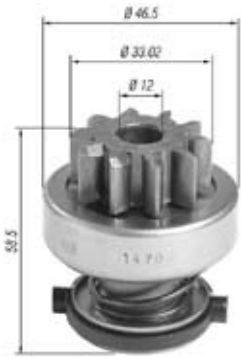
MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Marine Electric: Jet Ski.

1458T11 | SPL10 | CW
Fam. 85**ORIGINAL****Valeo:** 059427 - 059527 - 187528 - 594279**MOTOR****Valeo:** D7R19 - D7R28**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz:** Class C, E, M, S, V, CLK. Sprinter. Vito Engine D, TD.**1467**T8 | SPL10 | CW
Fam. 106**ORIGINAL****Bosch:** F000AL2000 - 1006209614**MOTOR****Bosch:** 6004AA0017**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun:** Sentra 94. Tsuru.**1468**T9 | SPL16 | CCW
Fam. 101**ORIGINAL****Bosch:** F000AL1901**MOTOR****Bosch:** F000AL0402**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** Fox, Golf, Polo, Gol G 5.**1469**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F000AL1209 - F000AL1688**MOTOR****Bosch:** F000AL0101 - F000AL0104**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz:** Classe A, A190 a partir de 06/1999.

1470



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: F000AL1024 - 9008047011

MOTOR

Bosch: 6004AA3009

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge RAM.

1471



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: F000AL1067 - F000AL1096 - F000AL1696

MOTOR

Bosch: F000AL0302

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: Classe A, A100 a partir de 05/1999. Classe A - A160.

1472



T11 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0061

MOTOR

Bosch: 0001223002

APLICAÇÃO / APLICACIÓN / APPLICATION

KHD: Motors Engines BF4L1011 (2.7L, 2732cc) 2003. Motors Engines F2L1011 (1.4, 1366cc) 2004.

1473



Fam. 120

ORIGINAL

MOTOR

Nippondenso: 015861N - 112309T26 - 1383240

APLICAÇÃO / APLICACIÓN / APPLICATION

Hyster: Lift TK 4.3L. XL80.

1474T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209605 - 1006209606 - 1006209928**MOTOR****Bosch:** 0001108137 - 0001108144 - 0001108156 - 0001109040 - 0001110090 - 0001110120**APLICAÇÃO / APLICACIÓN / APPLICATION****Land Rover:** Defender 110 3.9L - 3947cc 1993. Defender 90 3.9L - 3947cc 1994-1995. Discovery 3.9L - 3947cc 1994-1995. Range Rover 4.0L - 3950cc 1995. Range Rover 4.2L - 4275cc 1993-1994. Range Rover 4.2L - 4275cc 1995.**1475**T9 | SPL9 | CW
Fam. 99**ORIGINAL****Lucas:** TMB173**Lucas Indiel:** 54291022**Magneti-Marelli:** 85541381**MOTOR****Lucas Indiel:** 2680B - 2680D**Magneti-Marelli:** 63226801**APLICAÇÃO / APLICACIÓN / APPLICATION****Land Rover:** Defender 110 3.9L - 3947cc 1993. Defender 90 3.9L - 3947cc 1994-1995. Range Rover 3.5L 3532cc 1987-1988. Range Rover 3.9L 3947cc 1989-1995.**1477**T9 | SPL10 | CW
Fam. 13**ORIGINAL****Fiat:** 9946913**Magneti-Marelli:** 85540681**MOTOR****Magneti-Marelli:** 63220035 - 6322224**APLICAÇÃO / APLICACIÓN / APPLICATION****BMW**
Lancia
Opel**1478**T8 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 6004AH5018**Lucas Indiel:** 220434**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Breeze 2.0L (122) L4 1996-1997. Neon 2.0L (122) L4 1996-1997. Neon 2.0L (122) L4 2000-2002. Neon 2.0L (122) L4 2000-2002 Plymouth. Stratus 2.0L (122) L4 1996-1997 Plymouth.

1480



T9 | SPL16 | CW
Fam. 79

ORIGINAL

Volkswagen: 1006209655 - 1006209760

MOTOR

Bosch: 0001125501 - 0001125502 - 0001125503 - 0001125504 - 0001125511
Volkswagen: 069911023E

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: VW LT28 SDI, LT35 SDI, LT46 SDI.

1482



T9 | SPL6 | CW
Fam. 34

ORIGINAL

Remy: 10500475

MOTOR

Ford: 5N1511000AA - 5N1511000AB
Remy: 8000071

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Focus e EcoSport 2.0l - 16V.
TCM Equipment Ag: EcoSport.

1483



T9 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6003AD1062
KHD: 1340070

MOTOR

Bosch: 0001223016 - 0001223021

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Iveco: Iveco BF4L1011 (2.71L, 2732cc) 1996. Iveco BF4L1011 (2.71L, 2732cc) 1997. Iveco BF4L1011 (2.71L, 2732cc) 1998. Iveco BF4L1011 (2.71L, 2732cc) 1999. Iveco BF4L1011 (2.71L, 2732cc) 2000. Iveco BF4L1011 (2.71L, 2732cc) 2001. Iveco BF4L1011 (2.7L, 2732cc) 1995. Iveco BF4L1011 (2.7L, 2732cc) 2000. Iveco BF4L1011 (2.7L, 2732cc) 2001. Iveco F2L1011 (1.4L, 1366cc) 1996. Iveco F2L1011 (1.4L, 1366cc) 1997. Iveco F2L1011 (1.4L, 1366cc) 1998. Iveco F2L1011 (1.4L, 1366cc) 1999. Iveco F2L1011 (1.4L, 1366cc) 2000. Iveco F2L1011 (1.4L, 1366cc) 2001. Iveco F2L1011 (1.4L, 1366cc) 2002. Iveco F3L1011 (2.0L, 2049cc) 1996. Iveco F3L1011 (2.0L, 2049cc) 1997. Iveco F3L1011 (2.0L, 2049cc) 1998. Iveco F3L1011 (2.0L, 2049cc) 1999. Iveco F3L1011 (2.0L, 2049cc) 2000. Iveco F3L1011 (2.0L, 2049cc) 2001. Iveco F3L1011 (2.0L, 2049cc) 2002. Iveco F4L1011 (2.7L, 2732cc) 1996. Iveco F4L1011 (2.7L, 2732cc) 1997. Iveco F4L1011 (2.7L, 2732cc) 1998. Iveco F4L1011 (2.7L, 2732cc) 1999.

1484



T9 | SPL6 | CW
Fam. 47

ORIGINAL

Magneti-Marelli: 85541080

MOTOR

Magneti-Marelli: 63223039 - 63293029 - 63293039

APLICAÇÃO / APLICACIÓN / APPLICATION

Seat: Arosa 1.0, 1.4L. Córdoba 1.0, 1.4L. Ibiza II 1.0, 1.4L.
Volkswagen: Lupo 1.0, 1.4L. Polo 1.0, 1.4L.

1485T10 | SPL16 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209661
Mercedes Benz: 0011512113

MOTOR

Bosch: 0001108197 - 0001108222 - 0001108223 - 0001115005 - 0001115009 - 0001115049 - 0001115050

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Crossfire 3.2L, 3199cc 2004-2005.
Mercedes Benz: C240 2.6L, 2597cc 2001-2004. C32 3.2L, 3199cc 2002-2004. C320 3.2L, 3199cc 2001-2004. CLK320 3.2L, 3199cc 2001-2004. E320 3.2L, 3199cc 2001-2004. ML320 3.2L, 3199cc 2001-2003. ML350 3.7L, 3724cc 2003-2004. C32 3.2L, 3199cc 2002-2004. C320 3.2L, 3199cc 2001-2004. CLK320 3.2L, 3199cc 2001-2004. E320 3.2L, 3199cc 2001-2004. ML320 3.2L, 3199cc 2001-2003. ML350 3.7L, 3724cc 2003-2004. SLK32 3.2L, 3199cc 2002-2004. SLK320 3.2L, 3199cc 2001-2003.

1486T9 | SPL10 | CW
Fam. 84**ORIGINAL**

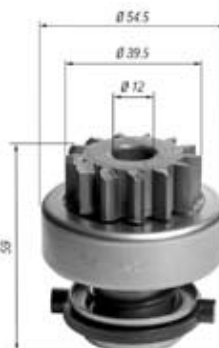
Bosch: D001965593 - 1006209592 - 1006209941

MOTOR

Bosch: 0001107085 - 0001110071 - 0001110072

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: Séries 5, 7, 8, X5.

1487T13 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 1006209622

MOTOR

Bosch: 0001110110

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: 318 TDS.

1496T9 | SPL12 | CCW
Fam. 47**ORIGINAL**

Magneti-Marelli: 85541100

MOTOR

Magneti-Marelli: 63220104 - 63223103

APLICAÇÃO / APLICACIÓN / APPLICATION

Land Rover: 100, 200, 25, 400, 45, Cabriolet, Coupe.

1501



T9 | SPL12 | CW
Fam. 39

ORIGINAL

Lucas: 26253076

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Matador

1502



T11 | SPL12 | CW
Fam. 40

ORIGINAL

Lucas: 26253081

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Escort Tractor

1503



T8 | SPL12 | CCW
Fam. 47

ORIGINAL

Lucas: 26258003

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Mahindra: Champion.
MUL: 800CC MPFI.

1504



T9 | SPL12 | CW
Fam. 47

ORIGINAL

Lucas: 26256545

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Tata: Indica diesel.

1505



T9 | SPL10 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1506



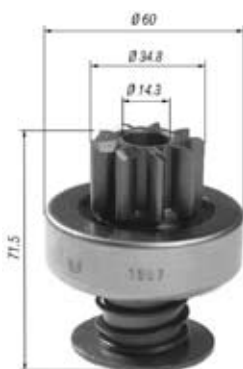
T10 | SPL 10 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1507



T9 | SPL10 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1508



T9 | SPL12 | CW
Fam. 39

ORIGINAL

Lucas: 26253074

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: Jeep.

1509



T8 | SPL12 | CW
Fam. 47

ORIGINAL

Lucas: 26256287

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Alto: VXI.
Esttem: MPF.
Santro
Vagan

1510



T9 | SPL12 | CW
Fam. 39

ORIGINAL

Lucas: 26253341

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

CNG: Buses.

1513



T8 | SPL12 | CW
Fam. 47

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1515



T10 | SPL12 | CW
Fam. 39

ORIGINAL

Lucas: 26253078

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

AMB
Eicher
Ford
Inter

1518



T9 | SPL12 | CW
Fam. 33

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1520



T8 | SPL12 | CCW
Fam. 47

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1521



T11 | SPL19 | CW
Fam. 51

ORIGINAL

Remy: 10500277 - 10500283

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1523



T12 | SPL6 | CW
Fam. 46

ORIGINAL

MOTOR

Prestolite: 35259460

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Ford Cargo 1217, 1417, 1421 Cummins.

Volkswagen: Caminhão c/ partida Indiel. Caminhões c/ partida Prestolite. Titan. Trucks.

1526



T11 | SPL12 | CCW
Fam. 33

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1527



T9 | SPL10 | CW
Fam. 15

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Tata: D1015 TC, LPT1510, LPT1613 48 CM VR 2000, LPT1613 52, LPT1613 CM VR 2000, LPT1613 TC, LPT1613 TC 48, LPT1615 TC, SA 1212 TC, SAK 1212 TC, SE 1615 TC, TATA 713.

1528



T10 | SPL10 | CW
Fam. 15

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1529



T8 | SPL12 | CCW
Fam. 50

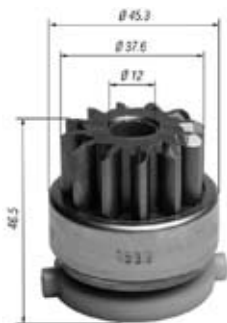
ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1530T8 | SPL12 | CCW
Fam. 47**ORIGINAL****Lucas:** 26253685**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Suzuki:** Maruti- 800 Car/Van Atul Shakti 3 Wh. Anti- Clockwise 8.**1533**T9 | SPL10 | CW
Fam. 89**ORIGINAL****Valeo:** 110427 - 494833**MOTOR****Ford:** 6S6519000AA**Valeo:** D7E33 - D7E45**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Courier. EcoSport. Fiesta. Focus. Ka.**1534**T9 | SPL10 | CCW
Fam. 109**ORIGINAL****Cargo:** 236896**Valeo:** 494831**MOTOR****Valeo:** D7E56**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** Fox. Golf 1.6. Polo. Lupo. Golf 1.6. Gol, Saveiro. Parati, G4 e G5 partida Valeo.**1538**T10 | SPL8 | CW
Fam. 110**ORIGINAL****Mitsubishi:** 19071**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Jeep Liberty 2.4L e 3.7L, a partir de 2001.**Mitsubishi:** Mitsubishi - M1T86781ZC - 2.4L (2002).Mitsubishi - M1T86883ZC - 3.7L (2002).Mitsubishi - M1T86782ZC - 2.4L (2003)
Mitsubishi - M1T86884ZC - 3.7L (2003).Mitsubishi - M0T91981ZC - 2.4L (2004/05). Mitsubishi - M0T92081ZC - 3.7L (2004).

1539



T12 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: YC1U11000AB

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Ford Transit 2.4. Mondeo.

1540



T10 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL1938 - F000AL1938-741

MOTOR

Bosch: F005M00016

APLICAÇÃO / APLICACIÓN / APPLICATION

1545



T8 | SPL10 | CW
Fam. 74

ORIGINAL

Bosch: 1006209794

MOTOR

Bosch: 0001107415 - 0001107431 - 0001107432 - 6004AA0003 - 6004AA0008 - 6004AA0027

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge Neon.

1547



T11 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL1432 - F000AL1690

MOTOR

Bosch: F000AL0106
Toyota: 248100D100 - 281000D100

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Novo Corolla 1.8i 16V a partir de 02/1999.

1548T9 | - | CW
Fam. 125**ORIGINAL****MOTOR**

AES New: 17847N - 17847NOE **AIM:** SH-0093R
Amsco: VS-17847 **Arrowhead:** SMU0404
Beck Arnley: 187-0804 **Bosch Reman:** SR1319X
Boston Auto: 3191-181 **Cargo:** 113617 **Dixie:** S-80011
Honda: 31200-PLM-A51 **Mitsuba:** SM442-32-36
Nastra: S17847 **NSA:** STR-3622 **Romaine:** 41-17847
W.A.I.: 2-2332-MT **Whatcom:** 22958 **Worldwide:** 17754

APLICAÇÃO / APLICACIÓN / APPLICATION

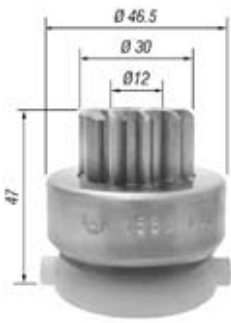
Acura: EL 1.7L 2001-2005.
Honda: Civic 1.7L 2001-2005.

1550T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 6033AD0070**MOTOR****Bosch:** 6033AD0J00 - 6033AD1J00**APLICAÇÃO / APLICACIÓN / APPLICATION**

Agrale: Volare.
Troller: T4.

1551T8 | SPL16 | CCW
Fam. 133**ORIGINAL****Bosch:** F002620036 MICO**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****APE:** Piaggio.**1552**T9 | SPL12 | CW
Fam. 115**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

1553



T11 | SPL12 | CW
Fam. 115

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1555



T13 | - | CCW
Fam. 124

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1556



T11 | SPL10 | CW
Fam. 117

ORIGINAL

Hitachi: 211425554

MOTOR

Hitachi: S114808 - S114814A - S114815 - S114817A - S114883 - S114884

APLICAÇÃO / APLICACIÓN / APPLICATION

Opel: Opel Astra F 1.7 TD 01/1995 - 01/1998. Opel Vectra B 1.7 TD 09/1995. Opel Corsa.

1557



T13 | SPL10 | CW
Fam. 117

ORIGINAL

Hitachi: S114829

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Opel: Astra G1.7L TD 1998.

1561T9 | SPL10 | CW
Fam. 47**ORIGINAL**

Lucas Indiel: 220441
Magneti-Marelli: 9948333

MOTOR

Magneti-Marelli: 63111016

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Brava 1.6 16V. Marea. Palio Weekend 1.6 16V. Palio 1.6 16V. Siena 1.6 16V. Strada 1.6 16V.

1562T9 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: F000AL1281 - 1006209821

MOTOR

Bosch: F000AL0111

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Hilux 2.5/2.8 2006...

1563T20 | SPL5 | CW
Fam. 128**ORIGINAL**

Mitsuba: M191X68785
Mitsubishi: M191T68771

MOTOR

Mitsubishi: M008T75073 - M8T75071 - M8T75071A - M8T75073 - M8T75073A - ME201650 - ME202424 - ME202970 - ME204424 - ME204425

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: A170 CDI 07/1998 01/2001.
Mitsubishi: L200, Nativa, Pajero, Pajero 2.8 ano 1997.

1566T10 | - | CW
Fam. 124**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

Harley-Davidson: MY91 - 06 BT except MY06 Dyna.

1567



T12 | SPL8 | CW
Fam. 112

ORIGINAL

Mitsubishi: M191X68471 - MD619204

MOTOR

Mitsubishi: M2T87371 - M2T87971 - M2T88071 - M2T88271

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: L200 2.5 4WD; D. L300. Pajero 2.5 TD. Space Gear 2.5.

1570



T9 | SPL12 | CW
Fam. 115

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1573



T12 | SPL19 | CW
Fam. 51

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1574



T11 | SPL12 | CW
Fam. 29

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: Logan, Sandero.

1575

T10 | SPL12 | CW
Fam. 115

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1576

T10 | SPL16 | CW
Fam. 74

ORIGINAL

Bosch: 1006209812
Lucas Indiel: 220443

MOTOR

Bosch: 0001108400

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: Berlingo 1.9 D, 2.0 HDI.
Peugeot: 206 1.9 D, 2.0 HDI. 307 2.0 HDI Partner. Ranch 1.9 D, 2.0 HDI.

1577

T19 | - | CW
Fam. 134

ORIGINAL

Cargo: 231269

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Hyundai: H100. Migthy Truck 2.5 ton.

1585

T11 | SPL6 | CW
Fam. 115

ORIGINAL

Ford: 1L5T11000AA

MOTOR

Ford: 3S4T11000AB - 3S4T11000AC - 3S4Z11002AB
Motorcraft: 6S4Z11002AA

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escape 2.3L (140) L4 2005-2006. Focus 2.3L (140) L4 2003-2006. Ranger 2.3L (140) L4 2001-2006.
Jaguar: S-Type 3.0L 2000-2004.
Lincoln: LS 3.0L (182) V6 2000-2004.
Mazda: B séries Pick-ups 2.3L 2001-2006. Tribute 2.3L 2005-2006.
Mercury: Mariner 2.3L (140) L4 2005-2006.

1588



ORIGINAL

Iskra: 16900068

MOTOR

Iskra: 11130034 - 11130155 - 11130292 - AZE0303 - AZE3504 - AZE3519

APLICAÇÃO/APLICACIÓN/APPLICATION

Renault: R4, R5, R6.

1592



ORIGINAL

Mitsubishi: M191T12971

MOTOR

Mitsubishi: M1T60081 - M1T60181 - M1T60581

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: Lift Trucks AEH Z24 Engine. Lift Trucks AH A15 Engine. Lift Trucks AH H20 Engine. Lift Trucks APH A15 Engine. Lift Trucks ASH A15 Engine. Lift Trucks CEGH Z24 Engine. Lift Trucks CEH Z24 Engine. Lift Trucks CPH A15 Engine. Lift Trucks CPH H20 Engine. Lift Trucks CPH Z24 Engine. Lift Trucks CRGH H20 Engine. Lift Trucks CRGH Z24 Engine. Lift Trucks EGH H20 Engine. Lift Trucks EH A15 Engine. Lift Trucks EH H20 Engine. Lift Trucks H01 A15 gas Engine. Lift Trucks H01 H20 gas. Lift Trucks H02 H20 gas. Lift Trucks H02 Z24 LPG Engine. Lift Trucks KAH A15 Engine. Lift Trucks KAH H20 Engine. Lift Trucks KAP H20 Engine. Lift Trucks KAP H25 Engine. Lift Trucks KCEH H20 Engine. Lift Trucks KCEH H25 Engine. Lift Trucks KCH02 H20 gas Engine. Lift Trucks KCH02 H25 gas Engine. Lift Trucks KCPH A15 Engine. Lift Trucks KCPH H20 Engine. Lift Trucks KCUGH H20 Engine. Lift Trucks KCUGH H25 Engine. Lift Trucks KEGH H20 Engine. Lift Trucks KEGH H25 Engine. Lift Trucks KEH H20 Engine. Lift Trucks KEH H25 Engine. Lift Trucks KH01 A15 gas Engine. Lift Trucks KH01 H20 gas Engine. Lift Trucks KH02 H20 gas Engine. Lift Trucks KH02 H25 gas Engine. Lift Trucks KPH A15 Engine. Lift Trucks KPH H20 Engine. Lift Trucks KUGH H20 Engine. Lift Trucks KUGH H25 Engine. Lift Trucks PH01 A15 Engine. Lift Trucks PH02 A15 Engine. Lift Trucks RGH02 A15 Engine. Lift Trucks UF03 H30 Engine. Lift Trucks UGF03 H30 Engine. Lift Trucks UGF03 H30 Engine. Lift Trucks various models H30 Engine. Lift Trucks various models Z24 Engine. Lift Trucks YF03 H30 Engine. Lift Trucks YGF03 H30 Engine. **TCM Equipment Ag:** Lift Trucks FHG20N H25 Engine. Lift Trucks FHG20N Z24 Engine. Lift Trucks FHG25N H25 Engine. Lift Trucks FHG25N Z24 Engine. Lift Trucks FHG30N H25 Engine. Lift Trucks FHG30N Z24 Engine.

1594



ORIGINAL

André Niermann: 01364402

Bosch: 0001364400 - 0001364402 - 0001368313 - 0001368318

Boston Auto: 31206059D - 31206194 - 31206194A

Cargo: 111636

Case: 112055

DAF: 126246 - 1276165 - 1287890 - 289183

Delco Reman: DRS1170 - DRS3293 - DRS7090

HC Parts: CS1129 - CS387

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

1595



ORIGINAL

Lucas Indiel: 35260832

MOTOR

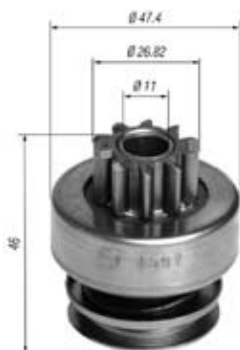
Lucas Indiel: 35259260 - 35259520 - 35259830 - 35259840 - 35260830 - 35260840

APLICAÇÃO/APLICACIÓN/APPLICATION

Caterpillar: Blue Bird USA Cat 3126 7.2

International: Navistar DT 444E - V8 7.3

John Deere (SLC): Colheiteadeira/Combine/Cosechadora 1550/608 1H 6Cil. Trator/Tractor 4045 4cil. 4.5 Gradall 7820/608 1H 6Cil.

1596T9 | SPL10 | CW
Fam. 46**ORIGINAL****Lucas Indiel:** 229938 - 35259938 - 35261299**MOTOR****Lucas Indiel:** 35259680 - 35259750 - 35261355 - 35261425**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Tratores 5075 e 5075.4 c/ motor BX 150.**Ford:** Pick-up F100, F1000, F14000, F150, F250, F3500, F4000, F7000 c/ motor MWM série X - 10 e 229.**New Holland:** Línea TL Exitus: TL65, 75, 85 / 95E MWM.**1597**T10 | SPL16 | CW
Fam. 74**ORIGINAL****Bosch:** 1006209804**Ford:** 256U11000CA**Lucas Indiel:** 220445**MOTOR****Bosch:** 0001107407 - 0001107410 - 0001107417 - 0001107418**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Fiesta 1.2, 1.4, 1.6 16V. Focus 1.4, 1.6 16V.**1600**T10 | SPL10 | CW
Fam. 27**ORIGINAL****Iskra:** 16902733 - 16904847**MOTOR****Iskra:** 11130692 - 11130710 - 11130897 - 11131249 - AZJ320 - AZJ3234 - AZJ3247 - AZJ3319 - AZJ3405**APLICAÇÃO / APLICACIÓN / APPLICATION****Valmet:** 8400 620DS Turbo. BF65, BF75, BM85 100, 110, 120 BL77, 88 700, 800, 900, BH140, 160, 180 12V. Valtra (Valmet) 255, 355 320D. Valtra (Valmet) 365S, 455, 656, 6100 320DS Turbo.**1601**T11 | - | CW
Fam. 124**ORIGINAL****MOTOR****Mando:** K71F18400**APLICAÇÃO / APLICACIÓN / APPLICATION****Kia:** Besta 2.5, 2.7.

1602



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 229916 - 35259916

MOTOR

Lucas Indiel: 35259310 - 35261175

APLICAÇÃO / APLICACIÓN / APPLICATION

Massey Ferguson: Colheitadeira/Combine/Cosechadora 3640, 5650.
Perkins: Trator/Tractor 3.152, 4.203, 4.236, 6.305, 6.354.

1603



T12 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 35261134 - 35261527

MOTOR

Lucas Indiel: 35261395 - 35261740 - 35261780 - 35262190 - 36261135

APLICAÇÃO / APLICACIÓN / APPLICATION

Cummins: C 6ct 8.3. C 6cta 8.3.
Volkswagen: VW Titan c/ motor Cummins C.
Zanello: Trator/Tractor 500, 540, 580, 690.

1604



T10 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 35260958

MOTOR

Lucas Indiel: 35259240 - 35262460 - 35261770 - 35262020

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Ônibus c/ motor Cummins 6B Eletrônico 5.9.
Zanello: Trator/Tractor 160 - PTRAC. Trator/Tractor 180 - PTRAC.

1605



T8 | SPL6 | CCW
Fam. 34

ORIGINAL

Remy: ESP - 281

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Kia: Pop Pride com arranque Remy Coréia.

1607**ORIGINAL****Valeo:** 0809042 - 3616042300**MOTOR****Valeo:** 3610042350 - 36100DSL42350 - D7R53 - DSL42350 - TM000A36101**APLICAÇÃO / APLICACIÓN / APPLICATION**

Hyundai: H100. HR.
Kia: Bongo ano 2008.
Mitsubishi: Katana. L200 diesel.
Renault: Master 2010...

1608**ORIGINAL**

General Motors: 97209548 - 97720446 - 97729079
Hitachi: S14100D - S14100E - S14101A - S14101B
Isuzu: 2902769300 - 8972095483 - 8973291631 - 8973828350
Lester: 17801 **W.A.I:** 54-8158-1

MOTOR**Hitachi:** OSGR 2.2KW 12V.**APLICAÇÃO / APLICACIÓN / APPLICATION****General Motors:** Kodiak. Sierra 6.6L (diesel). Silverado 2001 - 2006. Topkick Trucks 6.6L (diesel).**1612****ORIGINAL****Ford:** 32051112**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Ranger 1.8.**1614****ORIGINAL****Remy:** 10452918**MOTOR****Remy:** 9000869**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Pick-up Lobo V6

1615



T10 | SPL10 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1616



T108 | SPL10 | CW
Fam. 15

ORIGINAL

Iskra: 16901694

MOTOR

Iskra: 11130509 - 11130520 - 11130526 - 11130579 - 11130624 - 11130627 - 11130629 - 11130631 - 11130632 - 11130659 - 11130711
11130785 - 11130835 - 11130872 - 11130875 - 11130890 - 11130998 - 11131018 - 11131635 - AZJ3144 - AZJ3148 - AZJ3151 - AZJ3182 - AZJ3198
AZJ3201 - AZJ3203 - AZJ3205 - AZJ3206 - AZJ3212 - AZJ3248 - AZJ3287 - AZJ3305 - AZJ3306 - AZJ3315 - AZJ3352 - AZJ3357 - AZJ3447

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: TL 1000 330, TL 1260 330, TL 1630 330 Turbo (107 bhp), TL 860 330. **Case:** 1820, ACCO182, TX36. JCB: 420, 430 4CX Turbo-charged/Intercooled, 807C, 811, 812, 814, 817, 818, 820, Fastrac (635) 125, 145, JCB Fastrac (636) 125, 135, 155, JCB Fastrac (636) 185. **Landini:** 85 A4.248, 8560 F/L A4.248, 8880 A4.248, C 75 A4.236, C 95 T4.236, CF 85 A4.248, 10000S A6.354.4, 12500 A6.354.4, 13000 A6.354.4, 14500 AT6.354.4, 65 A4.236, 6560 F/L/V A4.236, 6860 A4.236, 6880 A4.236, 75 A4.236, 7560 F/L A4.236, 7860 A4.236, 7880 A4.236, 8860 A4.248, 9080 T4.236, 95 T4.236, 9880 T4.236, C 85 A4.248, CF 6830 A4.236, CF 75 A4.236. **Massey Ferguson:** MF 105, MF 1080 Perkins A4.318, MF 1085 A4.318, MF 11, MF 1104, MF 178 Perkins A4.248, MF 3060/3065, MF 394 S,F Perkins-A4.248, MF 50 10TD/9TD Perkins A4.236/A4.21,2, MF 102 Perkins-A6.372, MF 102 Perkins-AT6.354, MF 1080 S-4RM Perkins A4.318, MF 110 0 Perkins A6.354, MF 1114 Perkins A6.354, MF 1250 séries Perkins A6.354.4, MF 186, MF201/205, MF 206, MF 207, MF 30D, MF 307, MF 3070 Perkins AT4.236, MF 374 S,V,F Perkins-A4.236, MF 487, MF 50 10TD Perkins A4.236/A4.318, MF 50 10TD/9TD Perkins A4.236/A4.212, MF 50 9TD / EX Perkins A4.236, MF 506/510, MF 520/525 Perkins A6.354, MF 592/595 Perkins A4.318, MF 6150 1004-4THR, MF 6160 1006-6, MF 620/625 Perkins A6.372, MF 675 9TD/10TD Perkins A4.236, MF 685, MF 690 9TD/10TD Perkins A4.248, MF 9500 Series Perkins A6.354, TX 45. **New Holland:** 2000, 2600, 3000, 3600. 2000,3000 158,175,201,256,401C.I.Com motor de arranque Iskra. Ford New Holland 514 E 256C.I. Ford New Holland 2610. Ford New Holland 2810. Ford New Holland 2910,3910 01.91. Ford New Holland 3230 BSD332. Ford New Holland 3310 01.91. Ford New Holland 3310X4 01.91. Ford New Holland 3430. Ford New Holland 3610. Ford New Holland 3900. Ford New Holland 3910,H. Ford New Holland 3930,H. Ford New Holland 4000,5000 158,175,201,256,401C.I 01.91. Ford New Holland 4100,4600 201,256,401C.I 01.91. Ford New Holland 4130,H. Ford New Holland 4610 01.91. Ford New Holland 4630. Ford New Holland 550,555. Ford New Holland 5600,6600 201,256,401C.I. 01.91. Ford New Holland 5610 01.91. Ford New Holland 5640 Powerstar 4.4. Ford New Holland 5700. Ford New Holland 5900. Ford New Holland 620 Combine 01.91. Ford New Holland 622 Combine 01.91. Ford New Holland 6410. Ford New Holland 654 County. Ford New Holland 655,A. Ford New Holland 6610 01.91. Ford New Holland 6710 01.91. Ford New Holland 6810. Ford New Holland 7000,8000 158,175,201,256,401C.I. 01.91. Ford New Holland 7410. Ford New Holland 754 County. Ford New Holland 7600,8600 201,256,401C.I. 01.91. Ford New Holland 7610,7710 01.91. Ford New Holland 764 County. Ford New Holland 7700,8700 201,256,401C.I. 01.91. Ford New Holland 774 County. Ford New Holland 7810. Ford New Holland 7910 01.91. Ford New Holland 8200. Ford New Holland 8210 01.91. Ford New Holland 8260 Powerstar 7.5. Ford New Holland 8401. Ford New Holland 8530. Ford New Holland 8630. Ford New Holland 8730. Ford New Holland 8830. Ford New Holland 9000. Ford New Holland 910,912 Speed Power 01.91. Ford New Holland 944 County. Ford New Holland 9600,6700 201,256,401C.I. 01.91. Ford New Holland 964 County. Ford New Holland 9700 201,256,401C.I. 01.91. Ford New Holland 974 County. Ford New Holland BSD442,444 01.91. Ford New Holland M série 7,5 09.95. Ford New Holland NH 95 M8Y 01.96. Ford New Holland P357,358 01.91. Ford New Holland séries 10 L/Cab 01.91. **Renault Agri:** 70-32 PA/PE/PS/PX Perkins-4.236, 701-4F Perkins-4.236, 80-32 PA/PE/PS/PX Perkins-4.248, 80-34 PA/PE/PS/PX Perkins-4.248, 70-12 SP Perkins-4.236, 70-14 SP Perkins-4.236, 70-34 PA/PE/PS/PX Perkins-4.236, 80-12 SP Perkins-4.248, 80-14 SP Perkins-4.248, Ceres 75 2X4/4X4 Perkins-4.236, Ceres 75X 2X4/4X4 Perkins-4.236.

1617



T11 | SPL9 | CW
Fam. 117

ORIGINAL

Lucas Indiel: 35261112

MOTOR

Lucas Indiel: 35261260 - 35261295 - 35261640

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Focus I4 automático/manual. Ranger Duratec HE 2.3.

1618

T10 | SPL10 | CW
Fam. 47

ORIGINAL**Valeo:** 191363**MOTOR****Valeo:** D7G11 - 8200225336**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Master 2005 Eletronic. DCi 120.**1619**

T9 | SPL16 | CW
Fam. 74

ORIGINAL**Bosch:** 1006209801 - 1006209807**MOTOR****Bosch:** 0001107401 - 0001107402 - 0001107403 - 0001107404 - 0001107405 - 0001107406 - 0001107408 - 0001107409**APLICAÇÃO / APLICACIÓN / APPLICATION****Daewoo:** Musso 2.3.**Mercedes Benz:** CLK 200 Kompressor, CLK 230 Kompressor, C180, 200 Kompressor, 220, 230, C230 Kompressor, E200 Kompressor, V200, V230. Sprinter 214, 314, 414 2.3. Vito 2.0 113, 114 190 1.8, 2.0, E 2.0, E 2.3, 2.5-16.**Opel:** Astra 1.2 16V, 1.4 16V, 16i, 1.6 16V. Corsa 1.0 12V, 1.2 16V, 1.4 16V, 16i. Corsa 1.8 16V.

Meriva, Tigra, Vectra 1.4 16V, 16 16V.

Vauxhall: Corsa 1.0 12V, 1.2 16V, 1.4 16V, 16i. Corsa 1.8 16V.**1620**

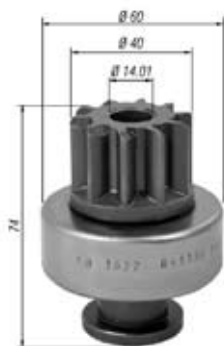
T8 | SPL6 | CCW
Fam. 34

ORIGINAL**Remy:** 10475540**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Daewoo:** Damas.**1621**

T13 | SPL9 | CCW
Fam. 117

ORIGINAL**Lucas:** 35260975**Lucas Indiel:** 35260975**Prestolite:** 35260975**MOTOR****Lucas Indiel:** 35260890**Prestolite:** 35260890**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Trator/Tractor 4230 Industrial c/ motor CAT 3126 M790. Trator/Tractor 4230 c/ motor CAT 3126 M790. Trator/Tractor 4230.4 c/ motor CAT 3126 M790.

1622



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas: 229278 - 35259278
Lucas Indiel: 229278 - 35259278
Prestolite: 229278 - 35259278

MOTOR

Lucas Indiel: 35259300 - 35260940 - 35260950 - 35261070
Prestolite: 35260940 - 35260950 - 35261070

APLICAÇÃO / APLICACIÓN / APPLICATION

Agco: Agco/M.F. - M93R12V.
Massey Ferguson: Colheitadeira /Combine/Cosechadora MF 86HS - Perkins 4.236 4.0. Colheitadeira/Combine/Cosechadora MF 96 Perkins 4000 4.1. Emplilhadeira Maxion 3000 - Perkins 4000 4.1. Trator MF 265 - Perkins A4.236 3.9. Trator MF 275, 283, 290, 292 - Perkins P4000 4.1. Trator MF 5275/5285/52902 - Perkins série 4.41 4.1. Trator MF 5300 / 5310 - Perkins 1004 4T 4.0.
International: Jacto c/ motor Perkins 1006/T. Maxion S4. Perkins 1006/T. Retroescavadeira c/ motor Maxion S4.

1623



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas: 35260999
Lucas Indiel: 226660 - 35260999
Prestolite: 226660 - 35260999

MOTOR

Lucas Indiel: 35259880 - 35261120 - 35261155 - 35262580
Prestolite: 35259880 - 35261120 - 35261155

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Cargo c/ motor Cummins ISB e 6 cil. F12000 c/ motor Cummins B Eletrônico Aftercooler 5.9. F14000 c/ motor Cummins B Eletrônico Aftercooler 5.9. F16000 c/ motor Cummins B Eletrônico Aftercooler 5.9.
Volkswagen: Caminhão c/ motor Cummins B Eletrônico.

1624



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0331

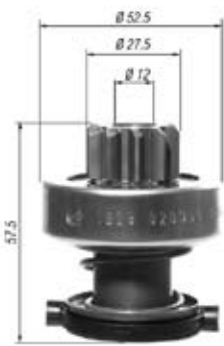
MOTOR

Bosch: 0001223503 - 0001223504 - 0001362105
Iveco: 500338953
Lucas: LRS1976 - LRS01976
Magneti Marelli: MSN2036

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Trator/Tractor. Tratores/Tractors: 3010S, 3830, 4010S, 4030 (1992 até 1996), 5010S, TN55, TN55D, TN55S, TN65, TN65 Turf, TN65D, TN65S, TN65V, TN70, TN70D, TN70S, TN75, TN75D, TN75S, TN75V (1996 em diante).
New Holland: Trator/Tractor.

1629



T10 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0218

MOTOR

Bosch: 0001223005 - 0001223006
Mercedes Benz: 0051512501

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: E270, E320, ML270, S320 CDI. Sprinter 216, 316, 416 CDI. Sprinter 2.3 2000/2003.

1630T9 | SPL10 | CW
Fam. 130**ORIGINAL**

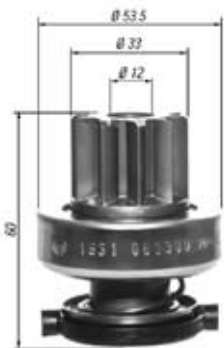
Fiat: 9947748
Magneti Marelli: 85541160

MOTOR

Fiat: 46454895 - 46463250
Magneti Marelli: 63114008 - 63114010 - 63222005

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: Alfa Romeo 156, 166 2.4 TD.
BMW: BMW 325, 525, 725 2.5 TD.
Fiat: Brava 1.9 TD. Bravo 1.9 TD. Marea 1.9 e 2.4 TD.
Lancia: K 2.4 TD.
Opel: Omega 2.3 TD.

1631T10 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209666 - 1006209936

MOTOR

Bosch: 0001109021 - 0001109022 - 0001109066 - 0001109067

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: A4, A6, A8 2.5 TDI. Quattro.
Skoda: Super B 2.5 TDI.
Volkswagen: Passat 2.5 TDI. Syncro - 4 Motion.

1632T10 | SPL16 | CCW
Fam. 79**ORIGINAL**

Bosch: 1006209806

MOTOR

Bosch: 0001120400 - 0001120401 - 0001120404 - 0001120405 - 0001120406 - 0001120407 - 0001120408 - 0001120409 - 0001120410 - 0001120411 - 0001121408 - 0001121409 - 0001121410 - 0001121411 - 0001122400 - 0001122401

APLICAÇÃO / APLICACIÓN / APPLICATION

Seat: Cordoba/Stella.
Volkswagen: Beetle, Jetta, Golf 2005 a 2009.

1635T9 | SPL10 | CW
Fam. 46**ORIGINAL**

Lucas Indiel: 229023

MOTOR

Lucas: 35258660 - 35260828
Lucas Indiel: 35258490 - 35259040 - 35259400

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F1000 Motor Maxion HS 4 cil. 2.5. Ranger Motor Maxion HS 4 cil. 2.5.
General Motors: Pick-up Blazer Motor Maxion HS 4 cil. 2.5. Pick-up S10 Motor Maxions HS 4 cil. 2.5.
International: Matra Motor Maxion HS 4 cil. 2.5. Retroescavadeira - Maxion HS 4 cil. 2.5.
Land Rover: Defender Motor Gemini III 4 cil. 2.5. Discovery Motor Gemini III 4 cil. 2.5.
Mercedes Benz: Sprinter - Maxion HS 4 cil. 2.5.

1636



T9 | SPL9 | CW
Fam. 117

ORIGINAL

Lucas Indiel: 229902

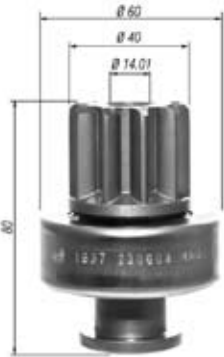
MOTOR

Lucas Indiel: 35259570

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Trator/Tractor 4100, 4100.4.

1637



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 229912
Prestolite: 229912

MOTOR

John Deere (SLC): AJ59342 - AJ60123 - RE509856 - RE509857
Lucas Indiel: 35259390 - 35259590 - 35259600 - 35259690

APLICAÇÃO/APLICACIÓN/APPLICATION

John Deere (SLC): 6605 e 7505 6 cil. Colheitadeira/Combine/Cosechadora 1165, 1175, 1450. Trator 7500.

1638



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL2617

MOTOR

Bosch: F000AL0128

APLICAÇÃO/APLICACIÓN/APPLICATION

Mercedes Benz: Ônibus O364 com motor OM352/352A. Caminhões 1316, 1513.
New Holland: Colheitadeira/Combine/Cosechadora FNH 8040, 8255.
Toyota: Bandeirantes c/ motor OM 364.

1641



T9 | SPL10 | CW
Fam. 74

ORIGINAL

Bosch: 1006209796

MOTOR

Bosch: 0001107429 - 0001107437 - 0986021240

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Motor 1.3 JTD 16V.
Lancia: Motor 1.3 JTD 16V.
Opel: Motor 1.3 JTD 16V.

1642T12 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209824 - 1006210128 - 1006210146**MOTOR****Bosch:** 0001109205 - 0001109304 - 0001109305 - 0986021810
Cargo: 330265**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** Jumper.
Fiat: Ducato.
Land Rover: Defender c/ motor 2.4 TD4 do ano de 2007 em diante.
Peugeot: Boxer. Boxer c/ motor 2.2 HDI do ano de 2006 em diante.**1643**T9 | SPL16 | CW
Fam. 94**ORIGINAL****Bosch:** 6033AD0004**MOTOR****Bosch:** 0001223001 - 0986016950**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** Jumper.
Peugeot: Boxer motor 2.5 TDI 1994/2002. 406, 605, 607, 807.**1646**T12 | SPL12 | CW
Fam. 115**ORIGINAL****Mazda:** F8RU-88D004**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Mazda:** Mazda B-2000.**1647**T17 | SPL6 | CW
Fam. 128**ORIGINAL****Lucas Indiel:** K01554**MOTOR****Lucas Indiel:** 35261385**APLICAÇÃO / APLICACIÓN / APPLICATION****John Deere (SLC):** 5320N motor 3029T 3cil 2..9. 5410 4.5 4 cil. 5520N Motor 4045T 4 cil 4.5. 5600 motor 4039 D 3.9. 5649. 5700, 6300 motor 4039T 4cil 3.9. 6600 motor 6059T 6cil. 5.9. Bulldozer 570 , 570A, Tractor 627 / 727 6 cil. Tratores 1420, 2330, 2420, 2530, 2730 3 e 4 cil. Tratores 2140, 2850, 3140, 3350, 3540, 3550 com motores 6359 4239D. Tratores 3420, 3530, 4420, 4530 6 cil.

1648



T12 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 35260838 - 35260875

MOTOR

Lucas Indiel: 35259450 - 35259730 - 35259810 - 35260870 - 35261050 - 35261160

APLICAÇÃO/APLICACIÓN/APPLICATION

Cummins: C 8.3.

Ford: Cargo 1622 Cummins 6CTAA 8.3. Cargo 2422 Cummins 6CTAA 8.3. Cargo 2425 Cummins 6CTAA 8.3. Cargo 2425 Mixer Cummins 6CTAA 8.3. Cargo 2630 Cummins 6CTAA 8.3.

International: Navistar DT360 5.9. Navistar DT446 - I6 7.6.

1650



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209818 - 1006209964 - 1006210111 - 1006210149

Cargo: 237667

Iveco: 500053567 - 50053567

MOTOR

Bosch: 0001109300 - 0001109301 - 0001109306 - 0001109307 - 0986021640 - 2164 **Citroën:** 5802AQ

Fiat: 1347058080 - 63521093 - MSN2026

Iveco: 55195970 **Lucas:** LRS02223 - LRS2223

Peugeot: 5802AQ **Remy:** 8000032

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Citroen Relay 2.8HDI. Jumper 2.8 HDI

Fiat: Ducato 2.3, 2.8 JTD.

Fiat Iveco: Daily III 2.4 / 2.8. Microônibus City Plus 2009.

Peugeot: Boxer 2.8 HDI.

1651



T9 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 35259978

MOTOR

Lucas Indiel: 35261130

Magneti Marelli: 943252201

Mercedes Benz: 0011519601 - 0031510401

APLICAÇÃO/APLICACIÓN/APPLICATION

Puma: Ônibus Puma.

1655



T10 | SPL16 | CCW
Fam. 79

ORIGINAL

Bosch: 1006209681 - 1006209943

MOTOR

Bosch: 0001125016 - 0001125017 - 0001125018 - 0001125019 - 0001125046 - 0001125047 - 0001125048 - 0001125049 - 0001125605 - 0001125606

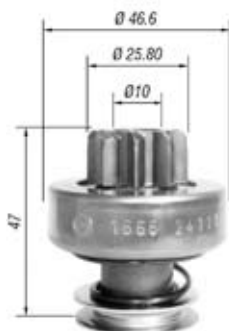
APLICAÇÃO/APLICACIÓN/APPLICATION

Audi: S 3 Quattro. TT Coupe 1.8.

Linde: Empilhadeira.

Seat: Alhambra 1.9 TDI. Cupra 4. Lean 1.8. Lean 2.8 V6.

Volkswagen: Bora 1.9 TDI. Caravelle - Multivan 2.5 e 2.8 TDI. Golf 1.9 TDI. Sharan 1.9 TDI.

1656T9 | SPL6 | CW
Fam. 42**ORIGINAL****Raisman:** OM-90-050**MOTOR****OMC:** 5032433**APLICAÇÃO / APLICACIÓN / APPLICATION****Johnson/Evinrude:** 50 / 70HP.**1658**T19 | - | -
Fam. 76**ORIGINAL****Bosch:** 6033AD5055 - 6033AD5078 - 6033AD5355 - 6033AD5356
DAF: 1679152**MOTOR****Bosch:** 0001241001 - 0001241003 - 0001241004 - 0001241005 - 0001241006 - 0001241007 - 0001241009 - 0001241014
0001241015 - 0001241016 - 0001241019 - 0001241020 - 0001241021 - 0001241023**APLICAÇÃO / APLICACIÓN / APPLICATION****Scania:** P 230 DC 9.16 Euro 4 / P 270 DC 9.17 Euro 4. P 310 DC 9.18 Euro 4 / P 340 DC 12.10 Euro 4. P 380 DC 12.13 Euro 4. P 380 DC 12.18 Euro 5 / P 480 DT 12.17 Euro 4. P 420 DC 12.15 Euro 5. P 420 DT 12.12 Euro 4. P 470 DT 12.06 Euro 3. R 420 DC 12.14 Euro 3. R 420 DC 12.15 Euro 5. R 420 DT 12.11 Euro 4. R 470 DT 12.03 Euro 4. R 470 DT 12.06 Euro 3. T 340 DC 11.08 Euro 3 / T 380 DC 11.09 Euro 3. T 420 DC 12.14 Euro 3 / T 420 DT 12.11 Euro 4. T 470 DT 12.06 Euro 3.**ZEN:** Utiliza pinhão ZEN 12839.**1661**T26 | SPL6 | CW
Fam. 128**ORIGINAL****Mitsubishi:** M191T94071**MOTOR****Mitsubishi:** M009T62571**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** VW 26260.**Volvo:** FM / FH.**1666**T9 | SPL11 | CW
Fam. 75**ORIGINAL****Bosch:** F000CD1009**MOTOR****Bosch:** F000CD0001 - F000CD0900**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Doblo. Novo Uno. Palio. Strada.

1667



T19 | - | CCW
Fam. 134

ORIGINAL

MOTOR

Mando: MG122423

APLICAÇÃO / APLICACIÓN / APPLICATION

Kia: Besta 2.7 arranque Mando.

1669



T8 | SPL6 | CCW
Fam. 42

ORIGINAL

Raisman: OM-90-100 - OM-90-150

MOTOR

OMC: 387094 - 395207 - 585062 - 586288

APLICAÇÃO / APLICACIÓN / APPLICATION

Johnson/Evinrude: OMC V-6 150 / 235 HP.

1670



T9 | SPL6 | CCW
Fam. 42

ORIGINAL

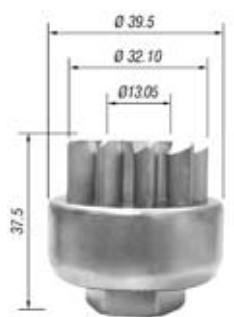
Raisman: OM-90-0V4/9

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Johnson/Evinrude: OMC V-4 / V-6 60°.
... Motor de popa.

1673



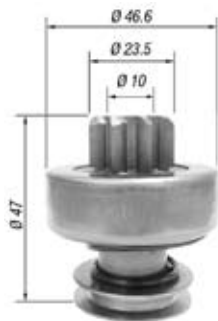
T10 | SPL6 | CCW
Fam. 42

ORIGINAL

Raisman: OM-90-090
... Motor de popa.

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1674T8 | SPL11 | CW
Fam. 75**ORIGINAL****Bosch:** F000CD1114**MOTOR****Bosch:** F000CD0002 - F000CD1113**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Logan. Sandero.**1675**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F000AL2638**MOTOR****Bosch:** F000AL0130 - F000AL0151
Ford: 7C3511001AA**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F250 ano 02 - .., F350 ano 02 - .., F4000 ano 02 - 09 c/ motor Cummins.**1676**T12 | - | CW
Fam. 122**ORIGINAL****Ford:** 3,6 k - VP7C3U11350AB**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Ford F séries.**1677**- | SPL6 | CCW
Fam. 115**ORIGINAL****Ford:** 8G1T11000AA - 8G1T11000AB - 8G1Z11002A - 8G1Z11002B - VP8G1U11350AA - Cyclone**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Ford Flex 3.5L (2009). Lincoln MKS 3.7L (2009). Ford Edge 3.5L (2009-07). Lincoln MKX 3.5L (2009-07). Ford Taurus 3.5L (2009-08). Ford Taurus X 3.5L (2009-08). Mercury Sable 3.5L (2009-08).

1678



T10 | SPL10 | CW
Fam. 91

ORIGINAL

Iskra: 16902379

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

New Holland: Trator.

1679



T21 | SPL7 | CW
Fam. 128

ORIGINAL

Remy: 10515810

MOTOR

Remy: 10479651 - 8200003 - 8200138 - 8200295 - 8200511

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 710, 1418R, 1720, 1720K, L 1620, LO 814 - com motores OM 364 e OM 366 em 12V. 28MT, 29MT.

1680



T10 | SPL8 | CW
Fam. 111

ORIGINAL

Mitsubishi: 15171 - M191T15171

MOTOR

Remy: 10455711

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Omega 4.1 CD.

1682



T9 | SPL10 | CW
Fam. 15

ORIGINAL

26241018

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

... HD 10 (TCL 4BT/6BT)

1686T9 | SPL4 | CW
Fam. 89**ORIGINAL****Valeo:** 101310 - 60910**MOTOR****Valeo:** FS10B1**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Ka, Fiesta, Courier 2010/...**1687**T30 | SPL8 | CW
Fam. 114**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Honda:** Motores de popa de 40 a 200 HP.**1690**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F000AL2712**MOTOR****Bosch:** F000AL0135**APLICAÇÃO / APLICACIÓN / APPLICATION****CBT:** Série 8240 4.248 01/1984 JF 12V. **Chevrolet:** Série D - D20 Plus Maxion S4T 03/1992 A 10/1996 JF 12V.**Massey Ferguson:** MF 1630 A 6.354-4 E 1630 A.4248 01/1981 JF 12V. MF 3640 A 6.358 A 01/1973 JF 12V MF 3640 Perkins 1006-6 05/1996 JF 12V. MF 5650 A 6.354.4 01/1982 01/1982 JF 12V. MF 5650 Perkins 1006-6T 05/1996 JF 12V MF 5650 Turbo AT 6.354.4 03/1988 JF 12V. MF 6845 Perkins 1006-6T 12/1994 JF 12V. MF 6855 Perkins 1006-6TW 10/1993 JF 12V MF 6865 Perkins 1006-6T 09/1994 JF 12V. **Maxion:** Ideal 9075 Perkins 1006-6 09/1994 JF 12V. Ideal 9090 Perkins 1006-6T 10/1993 JF 12V. Ideal 9090 Perkins 1006-6TW 12/1994 JF 12V.**Mercedes Benz:** Série 9T - 917 OM 366 A 01/1988 JF 12V. OF 1113 OM 366 09/1987 JF 12V. OH 1113 OM 366 A 01/1988 JF 12V.**1691**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F000AL2721**MOTOR****Bosch:** F000AL0138 - F000AL0139**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F4000 4BT 05/96 a 10/1998 JF 12V. Cargo C 1215 e 1415 6BTAA 04/1992 a 11/2000 JF 12V. Cargo C 1216, 1416 e 1617 05/1993 a JF 12V. Cargo C 1421 e 1621 6BTAA 12/1999 JF 12V.**Volkswagen:** Série 13T 13.190 6BTAA 10/2001 e 13.170 6BTAA 03/00 a 10/2001 JF 12V. Série 14T 14.170 BT 6BTAA 09/1997 - 02/2000 JF 12V. Série 16T 16.200 BT 6BTAA 10/1997 - 02/2000 JF 12V. Série 17T 17.210 BT 6BTAA 01/2000 JF 12V. Série 12T 12.180 6.10TCA 06/1999 a 02/2000 JF 12V. **Mercedes Benz:** Série 11T L 1113 OM 352 01/1974 JF 12V. Série 11T L 1116 OM 352 A 08/1978 JF 12V. Série 11T L 1117 e LA 1117 OM 352 A 08/1983 JF 12V. Série 11T L 1117 OM 366 A 01/1987 JF 12V. Série 11T L 1113 OM 352 A 05/1983 JF 12V. Série 12T L 1319 OM 366 LA 01/1988 JF 12V. Série 13T L 1316 OM 352 A 06/1982, I 1317 OM 352 A 03/1983 ambos JF 12V. Série 13T L 1319 OM 366 LA 01/1987 JF 12V. Série 14T LP 1419 OM 366 LA 01/1988 JF 12V. Série 15T L 1516 OM 352 A 06/1982 JF 12V.

10003



T9 | SPL6 | CW
Fam. 132

Substitui/Cambiar/Replaces 0952

ORIGINAL

Lester: 6471 - 6491 - 6493 - 6494

Remy: 10452348 - 10455504 - 10501804 - 10504515 - 8000045 - 8000058 - 89017523 - 9000856 - 9000868 - 9000876 - 9000881 - 9000896 - 9000901 - 9000933 - 9000939 - 9000977

MOTOR

General Motors: 93297652 - 93297653 - 93303527 - 93304772 - 93327502 - 93374341 - 93374342 - 93384398

Remy: 8000006 - 8000090 - 8000158 - 8000159 - 8000188 - 9000890 - 9000891 - 9000893 - 9000944 - 9000978 - 9000981

APLICAÇÃO/APLICACIÓN/APPLICATION

Buick: Century 3.1L (189) V6 2001.

Cadillac: Escalade 5.3L (325) V8 2004-2005.

Chevrolet: Avalanche 5.3L (325) V8 2004-2005.

Express Vans 4.8L (291) V8 2004. Express Vans 4.8L (291) V8 2005. Express Vans 5.3L (325) V8 2004. Express Vans 5.3L (325) V8 2005. Impala 3.4L (207) V6 2001. Lumina (Sedan) 3.1L (189) V6 2001. Malibu 3.1L (189) V6 2001. Monte Carlo 3.4L (207) V6 2001. Silverado Pick-up 4.8L (291) V8 2004. Silverado Pick-up 4.8L (291) V8 2005. Silverado Pick-up 5.3L (325) V8 2004. Silverado Pick-up 5.3L (325) V8 2005. SSR Sport Truck 5.3L (325) V8 2003-2004. Suburban 5.3L (325) V8 2004-2005. Tahoe 4.8L (291) V8 2004. Tahoe 4.8L (291) V8 2005. Tahoe 5.3L (325) V8 2004. Tahoe 5.3L (325) V8 2005. Trailblazer 5.3L (325) V8 2004-2005. Venture 3.4L (207) V6 2001.

Fiat: 1.8 8V e 1.8 16V e veículos flex. Doblo, Idea, Palio, Punto, Stilo, Strada.

General Motors: Astra 1.8, 2.0. Blazer 2.2, 2.4. Celta. Corsa 1.8. Envoy 5.3L (325) V8 2004-2005. Meriva 1.8. Montana.

S10 2.2, 2.4. Savana Vans 4.8L (291) V8 2004. Savana Vans 4.8L (291) V8 2005. Savana Vans 5.3L (325) V8 2004. Savana Vans 5.3L (325) V8 2005. Sierra Pick-up 4.8L (291) V8 2004. Sierra Pick-up 4.8L (291) V8 2005. Sierra Pick-up 5.3L (325) V8 2004. Sierra Pick-up 5.3L (325) V8 2005. Vectra 2.2. Yukon 4.8L (291) V8 2004. Yukon 4.8L (291) V8 2005. Yukon 5.3L (325) V8 2004. Yukon 5.3L (325) V8 2005.

Yukon XL 5.3L (325) V8 2004-2005. Zafira 2.0.

Isuzu: Ascender 5.3L (325) V8 2004.

Oldsmobile: Alero 3.4L (207) V6 2001. Silhouette 3.4L (207) V6 2001.

Pontiac: Aztek 3.4L (207) V6 2001. Grand AM 3.4L (207) V6 2001. Grand Prix 3.1L (189) V6 2001. Montana 3.4L (207) V6 2001.

Saab: 9-7 5.3L (325) V8 2005.

Saturn: 2004-01.

9186



T9 | CW | L25.2 | G29.64 | SPL18

ORIGINAL

Honda: 31213671671 - 31221657004

Lester: 16248 - 16586 - 16600 - 16760 - 16761 - 16905 - 16906 - 17027 - 17028 - 17101 - 17118 - 17254 - 17345 - 17365 - 17374 - 17378 - 17606

Nippondenso: 0280993088 - 0280993090 - 0283001603

Toyota: 2801126041 - 2801126042

MOTOR

Honda: DRK1E - 31200PA0671 - 31200PB2016 - 31200PC2004 - 31200PC2661 - 31200PC2662 - 31200PC2671 - 31200PC2672 - 31200PC6661 - 31200PD2661 - 31200PE0661 - 31200PE1671 - 31200PG6911 - 31200PM3003 - 31200PV2662 - 31200PV2671 - 31200657671 - 31200675671 - 31200689661 - 31200689662

Nippondenso: 01280000590 - 0280001661 - 0280002911 - 0280004020 - 0280004021 - 0280004044 - 0280004240 - 0280004241

0280004242 - 0280004243 - 0280004250 - 0280004251 - 0280004252 - 0280004253 - 0280004320 - 0280004321 - 0280004322

0280004323 - 0280004340 - 0280004341 - 0280004342 - 0280004343 - 0280004450 - 0280004510 - 0280004512 - 0280004540

0280004550 - 0280004900 - 0280004940 - 0280004951 - 0280005100 - 0280005820 - 0280005821 - 0280005822 - 0280005900

0280005910 - 0280005912 - 0280006000 - 0280006001 - 0280006030 - 0280006040 - 0280006140 - 0280006360 - 0280006361

0280006362 - 0280006620 - 0280006701 - 0280006710 - 0280006711 - 0280007190 - 0280007191 - 0280007320 - 0280007321

0280007380 - 0280007390 - 0280007391 - 0280007392 - 0280007550 - 0280007560 - 0280007620 - 0280007700 - 0280007990

0280008000 - 0280008050 - 0280008060 - 0280008080 - 0280008180 - 0280008220 - 0280008380 - 0280008620 - 0280008670

0280009070 - 0280009120 - 0280009121 - 0280009260 - 0280009270 - 0280009320 - 0280009321 - 0280009340 - 0280009380

0280009720 - 0280009730 - 0280009860 - 1280000120 - 1280000130 - 1280000280 - 280000300 - 1280000400 - 1280000590

1280000620 - 1280000622 - 1280001240 - 1280001250 - 1280001350 - 1280001370 - 1280001440 - 1280001900 - 1280002040

1280002060 - 1280002180 - 1280002190 - 1280002590 - 1280003350 - 1280004420 - 1280005080 - 1280005340 - 1280005561

1280005571 - 1280005580 - 1280005581 - 1280005630 - 1280005691 - 1280005700 - 1280005780 - 1280007211 - 1280007210

1280008200 - 1280008210 - 1280008500 - 1280009950 - 128005080 - 128007210

Toyota: 2810010040 - 2810013010 - 2810015020 - 2810015040 - 2810015070 - 2810015130 - 2810015180 - 2810016020 - 2810016080

2810020550 - 2810020551 - 2810020552 - 2810026043 - 2810026053 - 2810026061 - 2810026063 - 2810026070 - 2810026100

2810026110 - 2810026120 - 2810027050 - 2810034044 - 2810034052 - 2810034060 - 2810034080 - 2810041060 - 2810045030

2810045031 - 2810045032 - 2810060070 - 2810063020 - 2810063050 - 2810072010 - 2810072020 - 2810072090

APLICAÇÃO/APLICACIÓN/APPLICATION

Honda: Civic 1.3, 1.4, 1.5, 1.6. Concerto 1.3, 1.4, 1.5 (16V). Shuttle 1.5, 1.6.

Kubota: Tractors.

Toyota: 2S, 2Y, 3Y, 4Y. Camry 1.8, 2.0. Carina II 1.8, 2.0. Corolla 1.8, 2.0. MR2. Hilux.

ZEN: Impulsor 0947.

9260

T9 | L23.5 | G33 | SPL18

ORIGINAL

Isuzu: 5811240030 - 5811240060
Lester: 16739 - 17303 - 17381
Nippondenso: 0280993400 - 0283001841

MOTOR

Isuzu: 5811000860 - 5811001550 - 5811001660 - 5811001661 - 5811001830 - 8941233870 - 8941337583 - 8941492490
 8941702050 - 8944127301
Nippondenso: 0280005060 - 0280006440 - 0280007000 - 0280007790 - 0280007791 - 1280000020 - 1280000830 - 1280000831
 1280000960 - 1280001100 - 1280002881 - 1280004390 - 128000830

APLICAÇÃO / APLICACIÓN / APPLICATION

Isuzu: KB18, 20, 21. Trooper TD.
Jeep: Renegade.

9301

T11 | CW | L36 | G40 | SPL16

ORIGINAL

Lester: 16830 - 16881 - 18151 - 18190
Nippondenso: 0280993310 - 0283002011
Toyota: 2801154010

MOTOR

Nippondenso: 0280005490 - 0280005580 - 0280005581 - 0280005593 - 0280005850 - 0280005860 - 0280006200 - 0280006290
 0280006340 - 0280006560 - 0280006561 - 0280006640 - 0280006880 - 0280007240 - 0280007810 - 0280008070 - 0280009770
 1280004100 - 1280005090 - 1280005300 - 1280007750
Toyota: 2810022060 - 2810042800 - 2810047090C - 2810054010
 2810054061 - 2810054090

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: 2B, 3B.

9302

T13 | CW | L36 | G39.5 | SPL16

ORIGINAL

Lester: 16658 - 16990 - 17215 - 17390 - 17394 - 17548 - 17600
Nippondenso: 0280993230

MOTOR

Nippondenso: 0280005880 - 1280000210 - 1280000540 - 1280002270 - 1280002480 - 1280003120 - 1280004220 - 1280004910
 1280009500 - 2280000620

APLICAÇÃO / APLICACIÓN / APPLICATION**9307**

T11 | CW | L25 | G29.30 | SPL18

ORIGINAL

Lester: 16676 - 17007 - 17020 - 17083 - 17091 - 17129 - 17197 - 17216 - 17363 - 17368 - 17579 - 18154
Nippondenso: 0280993380 - 028099-6260 - 028099-6300

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

9349



T10 | CW | L25.2 | G33 | SPL18

ORIGINAL

Chrysler: 5233966
Lester: 17084 - 17466 - 17485
Nippondenso: 0280996310 - 0283001811 - 0283006190

MOTOR

Nippondenso: 0280005000 - 0280007730 - 1280004960 - 1280005270 - 1280005280 - 1280005670 - 1280006320 - 128005670

APLICAÇÃO/APLICACIÓN/APPLICATION

9350



T9 | L41 | G29.30 | SPL18

ORIGINAL

Honda: 31204PC016 - 31204PC2016 - 31204PD1003 - 31204PD1013 - 31204PH3006 - 31204PJ7903
Lester: 16845 - 16901 - 16902 - 16914 - 16960 - 17160 - 17491

MOTOR

Honda: 31200PC2663 - 31200PC2681 - 31200PC6663 - 31200PD2662 - 31200PD2663 - 31200PD2664 - 31200PE0664 - 31200PE0665
 31200PE1673 - 31200PE1674 - 31200PG6914 - 31200PH3953 - 31200PK2006 - 31200PK2026 - 31200PK2953 - 31200PK2955
 31200PM1005 - 31200PM3005 - 31200PT0900

APLICAÇÃO/APLICACIÓN/APPLICATION

9402



T10 | CW | L36 | G40 | SPL16

ORIGINAL

Lester: 16981 - 17348 - 17380 - 17385 - 17388 - 17391 - 17393 - 17399 - 17458 - 17609 - 17611 - 17613 - 17614
Nippondenso: 0280993270 - 0283003690 - 0283005450

MOTOR

Nippondenso: 0280006780 - 1280001060 - 1280001780 - 1280002250 - 1280002251 - 1280002560 - 1280003030 - 1280004080
 1280004090 - 1280004970 - 1280005370 - 1280005600 - 1280005620 - 1280005621 - 1280007040 - 1280008290 - 1280009610
 2280000020

APLICAÇÃO/APLICACIÓN/APPLICATION

Bluebird Bus: Bluebird.
Caterpillar: 2.5kW/12V.

9403



T9 | CW | L36 | G35.5 | SPL16

ORIGINAL

Lester: 16651 - 17359
Nippondenso: 0280993210

MOTOR

Nippondenso: 0280005000 - 0280007730

APLICAÇÃO/APLICACIÓN/APPLICATION

9426

T11 | CW | L19 | G34.8 | SPL18

ORIGINAL

Lester: 17110 - 17244
Mitsubishi: M605X32471

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****9459**

T11 | CW | L40 | G34.40 | SPL16

ORIGINAL

Lester: 17362
Nippondenso: 0280996200

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****9488**

T9 | CW | L87 | G29.5 | SPL10

ORIGINAL

Hitachi: 2108F3500 - 211455008 **Nissan-Datsun:** 23357N5900

MOTOR

Hitachi: S114253 - S114253A - S114253B - S114254 - S114254A - S114254C - S114254D - S114255 - S114255A - S1142564 - S114258
 S114258A - S114258C - S114264A - S114265 - S114268 - S114268A - S114290 - S114290A - S114290B - S114296 - S114296A - S114344
 S114374 - S114374B - S114401B - S114429 - S114429A - S114446 - S114453 - S114454 - S114457 - S114458 - S114474 - S114476
 S13100 - S13115 - S13121 - S1362B - S1362C - S1363 - S1370 - S1370A - S1382 - S1382A - S1383
Isuzu: 8942420670
Nissan-Datsun: 23300H9100 - 23300H9101 - 23300N5900 - 23300N5902 - 23300N5903 - 23300R2000 - 23300U7500 - 23300U7501
 23300U7502 - 23300V5300 - 23300V5301 - 23300W1000 - 23300W1002 - 23300W7000 - 23300W7001 - 23300Y7000 - 23300Y7001
 2330006W61 - 2330017C60 - 2330018C60 - 2330021P00 - 2330022P00

APLICAÇÃO / APLICACIÓN / APPLICATION

Chevrolet: Chevette CS 1984 L4 1.8 diesel. Chevette CS 1985 L4 1.8 diesel. Chevette CS 1986 L4 1.8 diesel. **General Motors:** Chevy D.
Nissan-Datsun: 210 Deluxe 1980 L4 1.4 gas. 210 Deluxe 1980 L4 1.5 gas. 210 Deluxe 1981 L4 1.5 gas. 210 Deluxe 1982 L4 1.5 gas.
 210 Luxury 1982 L4 1.5 gas. 210 MPG 1981 L4 1.4 gas. 210 MPG 1982 L4 1.4 gas. 280Z 2+2 1978 L6 2.8 gas. 280Z, 300 ZX/Turbo, 300C.
 Patrol 2.8. Terrano. Vanette 2.4i. Urvan. Cabstar 2.0.

9492

T10 | CW | L25 | G29.2 | SPL18

ORIGINAL

Lester: 17460 - 17465

MOTOR

Nippondenso: 228000036

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Concorde 3.3L.
Dodge: Intrepid 3.3L.
Eagle: Vision 3.3L.

9495



T11 | CW | L17.5 | G34.8 | SPL18

ORIGINAL

Mitsubishi: M605X34971
Nissan - Datsun: 2335720H12

MOTOR

Lester: 16947
Mitsubishi: M2T58081 - M2T58381 - M2T58481

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan - Datsun: Lift Trucks AH A15 Engine, APH A15 Engine, APH H20 Engine, ASH A15 Engine, ASH H20 Engine, CEF H20 Engine. Nissan 23300-20H00, 23300-20H12, Nissan 23300-20H00, 23300-20H12 Nissan Ag. Nissan Lift Truck.
TCM Equipment Ag: Lift Trucks FHG20N Z24 Engine.

9502



T13 | CCW | L24.5 | G40.80 | SPL18

ORIGINAL

Lester: 16893 - 16978

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

9504



T9 | L25.2 | G29.64 | SPL18

ORIGINAL

Lester: 17273

MOTOR

Nippondenso: 128000283 - 128000708 - 128000746 - 128000970 - 228000081 - 228000205 - 228000226 - 228000399 - 228000504 - 228000642 - 228000720

APLICAÇÃO / APLICACIÓN / APPLICATION

Acura: Nippondenso Starter.
Honda: Nippondenso Starter.
Isuzu: Nippondenso Starter.

9506



T13 | CCW | L23.5 | G40.8 | SPL18

ORIGINAL

Lester: 16893 - 17263 - 17534
Nippondenso: 0283716490

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

9525

T8 | CCW | L94 | G28 | SPL10

ORIGINAL**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****9526**

T9 | CW | L87 | G33 | SPL10

ORIGINAL**Thermo King:** 446676 - 446681**MOTOR****Thermo King:** 451229 - 451263 - 451285**APLICAÇÃO / APLICACIÓN / APPLICATION**

Aplicável no Impulsor ZEN 0844 (1.01.0844.0).

9527

T9 | CW | L87 | G36 | SPL10

ORIGINAL**Hitachi:** 2114-95501**Lester:** 16733 - 16809 - 18053 - 18054 - 18061**Nissan-Datsun:** 23357-W1700**MOTOR****Hitachi:** S114-357B - S114-367 - S114-395A - S114-471 - S114-472 - S114-482 - S13-101 - S13-102 - S13-104 - S13-105A - S13 - 66A
S13-69 - S13-81 - S13-92A**Nissan-Datsun:** 23300-V0703 - 23300-V7200 - 23300-W2804 - 23300-09E00 - 23300-10G02 - 23300-54A01 - 23300-7260 - 23300-83W00**APLICAÇÃO / APLICACIÓN / APPLICATION****Ishikawjima****Nissan-Datsun:** CD17. CD20. Diesel.**9528**

T8 | CW | L87 | G28 | SPL10

ORIGINAL**Hitachi:** 2114-65008**Nissan-Datsun:** 23357-M4901**MOTOR****Hitachi:** S114-252F - S114-322A - S114-393 - S114-478**Nissan-Datsun:** 23300-M4904**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun:** Primera 2.0. Silvia 1.8. Stanza 220SX, 310.

9542



T9 | L25.2 | G29.64 | SPL18

ORIGINAL

MOTOR

Nippondenso: 228000022

APLICAÇÃO / APLICACIÓN / APPLICATION

Acura

9566



T9 | CW | L87 | G25.9 | SPL10

ORIGINAL

Lester: 17138

MOTOR

Hitachi: S1391

APLICAÇÃO / APLICACIÓN / APPLICATION

Volvo: Diesel.
Zen: Aplicável ao impulsor ZEN 0844 (1.01.0844.0).

9597



T12 | CW | L17.7 | G37.20 | SPL20

ORIGINAL

MOTOR

Mitsubishi: M8t50071 - 50171

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Canter.

9632



T11 | CW | L23.5 | G33.8 | SPL18

ORIGINAL

Lester: 17549 - 17574

MOTOR

Nippondenso: 228000180 - 228000340

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge

9702**ORIGINAL**

Accurate: 4-798, 798 **Ace:** 4-798 **AES New:** 1946 **AIM:** SJ-0779A
Amsco: HT-230 **Arrowhead:** SHI5308 **CPC:** SDHI-2662A
Dubois: 297400 **J&N:** 222-44009 **Just Parts:** B02-6021N - HT2-5034N-PS1
Lester: 62042662a **SWS:** 11812010 **W.A.I.:** 5481201

MOTOR

AES: S1935 - 17138 **AES New:** S1935N - S1936N **AIM:** SJ0053R **Arc:** S1660 **Arrowhead:** SHI0015 - SHI0032 **Beck Arnley:** 1870556
Bosch Reman: SR97X **Cargo:** 111120 **Dixie:** S6106 **Dubois:** 916584 **Hitachi:** S1391 - S1391A **Lucas Reman:** S7133 - S7219
Romaine: 4117138 **TRW:** LRS661 **Volvo:** 1328391 - 132839-6 - 5003003 - 5003003-0 **W.A.I.:** 21289HI **Wilson:** 91251101
Woodauto: STR72029 **Worldwide:** 16942

APLICAÇÃO / APLICACIÓN / APPLICATION

Volvo: 240 séries 2.4L, 2383cc (D24) 1985. 740 séries 2.4L, 2383cc (D24T) 1985-1986. 760 séries 2.4L, 2383cc (D24, D24T) 1985.

9781

T10 | CW | L14.9 | G27.94 | SPL18

ORIGINAL

Ford: XL1U11000AA - XL1Z11002AA
Lester: 6647
W.A.I.: 542201

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: Ford PMGR Noseless Starters.

9791

T13 | CW | L18.2 | G51.1 | SPL20

ORIGINAL

Mitsubishi: M605X26971

MOTOR

Mitsubishi: M2T54571 - M2T54572 - M3T67771

APLICAÇÃO / APLICACIÓN / APPLICATION

Jungheinrich: DFG30.
Mazda: 2200 Pick-up.
Mitsubishi: Canter 2000.
Nissan-Datsun: 3300, 3500.
Yale: Forklifts.

9823

T9 | CW | L14.9 | G30 | SPL18

ORIGINAL

Accurate: 1073
Ace: 4-1073
Lester: 62505002
SWS: 11240001

MOTOR

Ace: CM7228 **AES New:** 6652N **Arrowhead:** SFD0055 **Beck Arnley:** 1876182
Bosch Reman: SR7593X **Cargo:** 112609 **Dixie:** S2100
Ford: XW4U11000CG - XW4Z11002CG - 1W4U11000CA - 5W4Z11002A - 6W4Z11002AA
J&N: 410-14053 **Motorcraft:** SA882 - SA958 **Napa:** 44-9294 **RCP:** ST-882
Romaine: 416652 - 6652N **W.A.I.:** 22019FD **Worldwide:** 28711 - 97143

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Thunderbird 3.9L (241) V8 2002-2004.
Lincoln: LS 3.9L (241) V8 2000-2004.

10048



T10 | CW | L23.5 | G40.8 | SPL18

ORIGINAL

Lester: 17622

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

10049



T9 | CW | L25.2 | G29.64 | SPL18

ORIGINAL

Nippondenso: 028300-5430 - 028300-8100 - 028300-8550 - 028300-8600

MOTOR

Nippondenso: 128000-7080 - 128000-7460 - 228000-0810 - 228000-2050 - 228000-2260 - 228000-3990 - 228000-5040 - 228000-6421 - 228000-7200

APLICAÇÃO / APLICACIÓN / APPLICATION

12609



T11 | CW | L23.5 | G41.99 | SPL18

ORIGINAL

Nippondenso: 0280995590 - 0280996011 - 0280996550 - 0280996590 - 0280998590 - 0283711980 - 0283716190
Toyota: 2801174011 - 2801174060

MOTOR

Nippondenso: 0280006250 - 0280007830 - 1280000070 - 1280000140 - 1280001470 - 1280003471 - 1280003472 - 1280003482 - 1280005590 - 1280005942 - 1280005952 - 2280001000 - 2280001040 - 2280003330

APLICAÇÃO / APLICACIÓN / APPLICATION

Lexus

Toyota: Avensis 2.0. Camry 1.8, 2.0, 2.2, 2.5 V6, 3.0 V6. Carina II 2.0i. Celica 2.0 GT, GTI 16 V. Celica 2.0 Turbo. Picnic 2.0. R-2 GT-Turbo 2.0. RAV-4 2.0.

12619



T13 | CCW | L17 | G40.8 | SPL20

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Mazda: Mazda B2600 modelo 1996/2002.
Nissan-Datsun: Nissan Pathfinder modelo 1998/2002.

12620

T9 | CW | L19 | G29.64 | SPL18

ORIGINAL

MOTOR

Mazda: G60118400

APLICAÇÃO / APLICACIÓN / APPLICATION

Mazda: Mazda B2600 modelo 1996/2002.
Nissan-Datsun: Nissan Pathfinder modelo 1998/2002.**12656**

T9 | CW | L18.2 | G35.5

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

12657

T11 | CW | L23 | G41 | SPL20

ORIGINAL

Mitsubishi: M605X64571

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Mitsubishi Fuso.**12658**

T9 | CW | L17.7 | G35.5 | SPL20

ORIGINAL

Mitsubishi
M605X31971

MOTOR

Mitsubishi: M2T57871 - M2T57881 - M2T61771 - M2T66872 - M2T66873 - M2T67871 - M2T67872 - M2T67873 - M2T67881
M2T67882 - M2T67883

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Mitsubishi Canter.

12659



T9 | CW | L17.7 | G35.5 | SPL20

ORIGINAL

Mitsubishi: M605X31971

MOTOR

Mitsubishi: M2T57871 - M2T57881 - M2T61771 - M2T66872 - M2T66873 - M2T67871 - M2T67872 - M2T67881 - M2T67882 - M2T67883

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Mitsubishi Canter.

12660



T10 | CW | L18.2 | G38.8 | SPL20

ORIGINAL

Mitsubishi: M605X27971 - M605X36171
Onan: 1911443

MOTOR

Mitsubishi: M2T56071 - M2T62271 - M2T65771 - M2T66271 - M2T66272 - M2T74371

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Mitsubishi Canter.

12812



T10 | CW | L20.2 | G32.6 | SPL20

ORIGINAL

Mitsubishi: M605X65171 - MD607789

MOTOR

Mitsubishi: M2T56181 - M2T56182 - M2T56185 - MD164976 - 232415 - M2T55271 - M2T56271 - M2T56471 - M2T62971 - M2T65271 - MD069166 - MD070934 - MD084414 - MD164975 - M2T57771 - M2T74171

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: E2500 Diesel XA. E3000. Fuso Canter 4DRS 1984 - 88, 3600, 33, 4D30, 31, 32, 1998, 20, 30, 35, 4d31T, 1987. L200. Light Bus HA. Wheel Loader S4E.
Nissan - Datsun: Forklifts.
ZEN: Aplicado no 1046 e 1047.

12839



T12 | CW | L23.2 | G44.9 | SPL19

ORIGINAL

Bosch: 6033AC5149 - 6033AC5246
DAF: 1699235
Man: 51262090008

MOTOR

Bosch: 0001241001 - 0001241003 - 0001241004 - 0001241005 - 0001241006 - 0001241007 - 0001241014 - 0001241015 - 0001241019 - 0001241020 - 2339402220
DAF: 1658730

APLICAÇÃO / APLICACIÓN / APPLICATION

Scania: Scania série 4.
ZEN: Utilizado no impulsor ZEN 1658.

12913



T9 | CW | L46.4 | G29.5

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Honda: Fit, Jazz.



POLIAS DE RODA LIVRE
POLEA DE ALTERNADOR CON SISTEMA DE RUEDA LIVRE
CLUTCH PULLEY FREE WHEEL SYSTEM



IMPULSORES DE PARTIDA
IMPULSORES DE ARRANQUE
STARTER DRIVES



PRODUCTOS DE ALTA PERFORMANCE

PRODUCTOS DE ALTO DESEMPEÑO
HIGH PERFORMANCE PRODUCTS

MANCAIS E POLIAS
TAPAS Y POLEAS
PULLEY AND ALTERNATOR BEARING



POLIAS TENSIONADORAS
POLEAS TENSORAS
TENSIONERS



PLANETÁRIAS
REDUCTORES
PLANET GEARS





ZEN S.A. Indústria Metalúrgica
Rua Guilherme Steffen, 65
88355-100 · Brusque SC · Brasil
Fone/Phone: + 55 (47) 3255-2800
Fax: + 55 (47) 3255-2840
e-mail: vendas@zensa.com.br
www.zensa.com.br

Distribuidor / Distribuidor / Distributor

