

50 **ZEN** *anos*
ZEN 50 AÑOS · ZEN 50 YEARS

ATUALIZAÇÃO 2010
UPDATED/ACTUALIZACIÓN

CATÁLOGO DE PRODUTOS

PRODUCTS CATALOGUE
CATÁLOGO DE PRODUCTOS



IMPULSORES DE PARTIDA · STARTER DRIVES · IMPULSORES DE ARRANQUE

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.

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 todo 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.

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.



Vision
Excellence in metal-mechanic
systems and components.

Objetivo
Excelencia en sistemas y componentes
metal-mecánicos.

Visão
Excelência em sistemas e componentes
metal-mecânicos.



Mission
Create value in the metals transformation.

Meta
Generar valor en la transformación de metales.

Missão
Gerar valor na transformação de metais.

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.

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.

Clientes 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.

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.

Clientes 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.





Catálogo 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.

Catalogue Zen On-line

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.

Catálogo Zen En-línea

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 a través de la constante actualización del Catálogo.

Pesquisa Rápida

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

Fast Search

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

Pesquisa Rápida

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

• Busca pelo número Zen.

• Search for Zen part number.

• Búsqueda por el número Zen.

• Busca pelo número original.

• Search for original part number.

• Búsqueda por el número original.

• Busca pelo número do motor de partida ou alternador.

• Search for starter motor/alternator part number.

• Búsqueda por el número de motor de arranque o alternador.



Pesquisa Avançada

Advanced Search

Pesquisa Avanzada

• Busca utilizando palavras-chave

• Search through key-words.

• Búsqueda utilizando palabras-llave.

Ex./Ejem.: Golf, Passat, etc.

• Busca por fabricante do equipamento

• Search by equipment manufacturer.

• Búsqueda por fabricante del equipo.

Ex./Ejem.: Bosch, Lucas, etc.

• Busca por montadora do veículo

• Search by vehicle manufacturer.

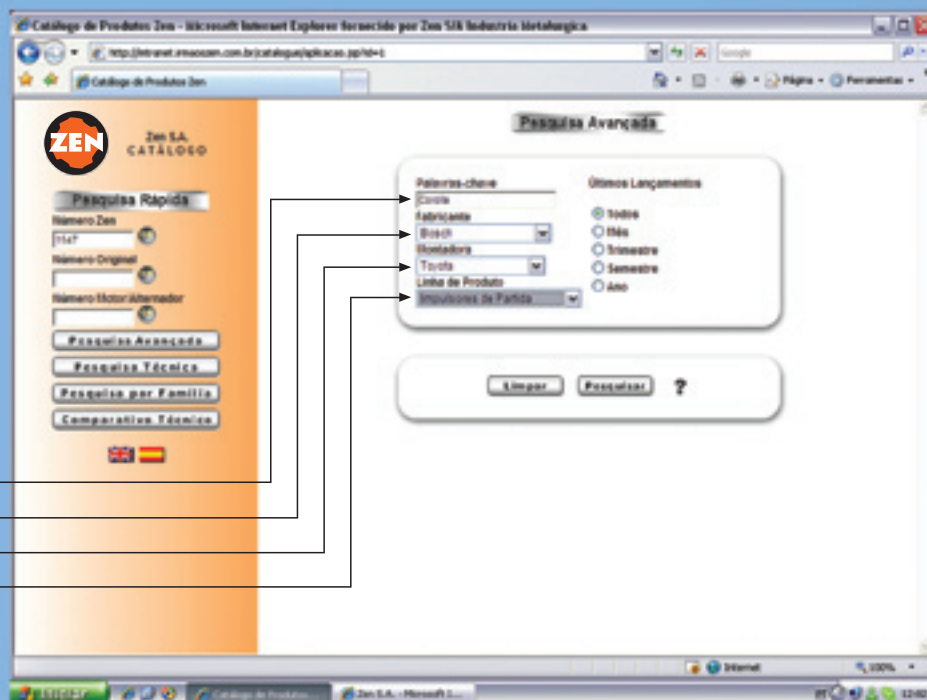
• Búsqueda por montadora del vehículo.

Ex./Ejem.: Fiat, Audi, etc.

• Busca por linha de produtos Zen

• Search by ZEN products line.

• Búsqueda por línea de productos Zen.



Pesquisa Técnica

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

Technical Research

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

Pesquisa Técnica

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

Comparativo Técnico

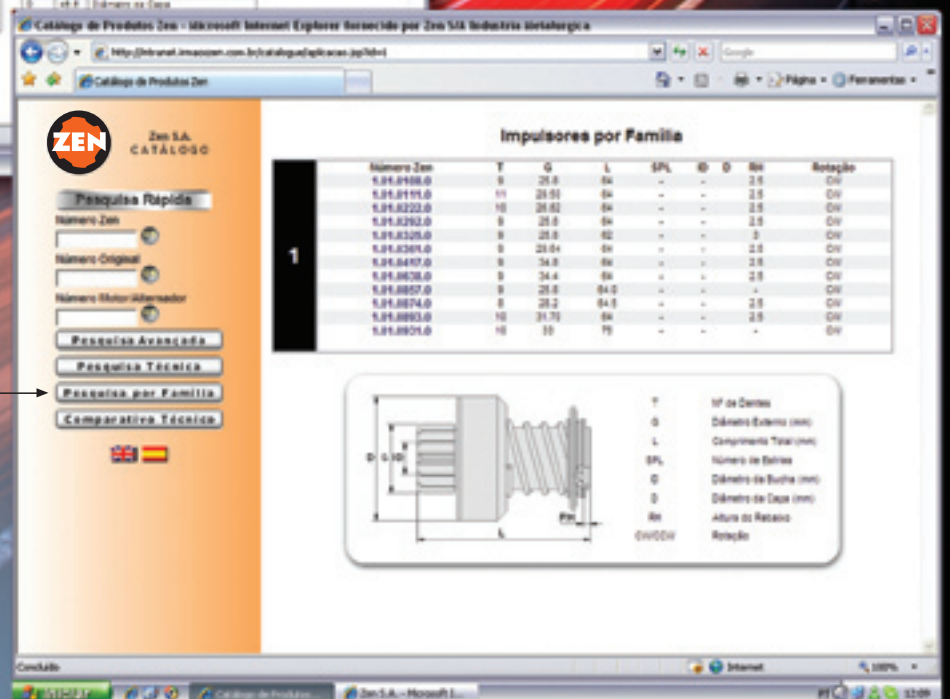
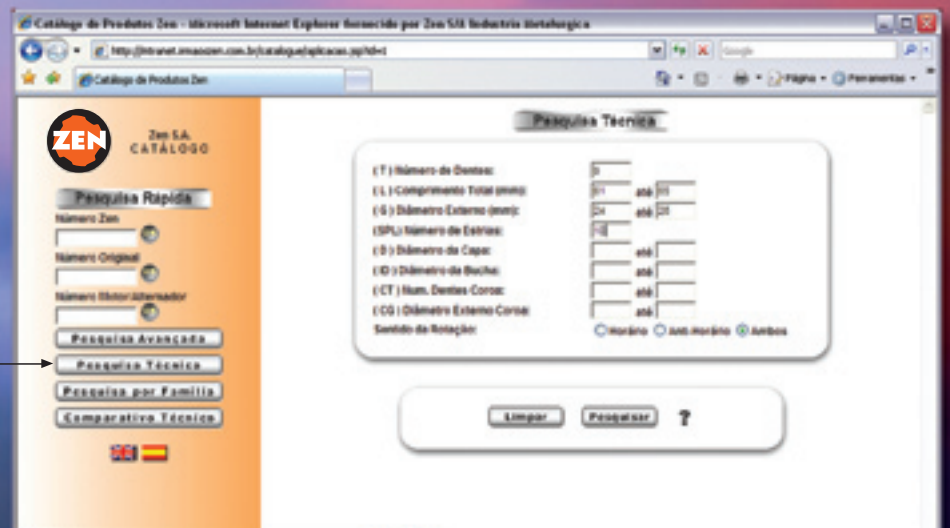
Neste modo você poderá comparar características técnicas entre dois produtos visualizando-os na tela.

Technical Comparative

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

Comparativo Técnico

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



Pesquisa por Família

Neste modo a pesquisa acontece pelas famílias de impulsores.

Search by Starter Drive Family

This way the search happens by starter drives' family.

Pesquisa por Família

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



Índice Geral

General Index
Índice General

Busca por Número Zen	09
Search by Zen P/N#	
Búsqueda por el Número Zen	
 Conversão para Número Zen	 15
Conversion for Zen Number	
Conversión para el Número Zen	
 Busca - Número Motor para Número Zen	 39
Search - Motor Number for Zen P/N#	
Búsqueda - Número del Motor para el Número Zen	
 Busca - Aplicação por Veículo	 73
Search - Application by Vehicle	
Búsqueda - Aplicación por Vehículo	
 Busca - Família de Impulsores	 127
Search - Starter Drives Families	
Búsqueda - Familia de Impulsores	
 Ficha dos Produtos	 157
Products Information	
Informaciones sobre el Producto	



Busca por Número Zen

Search by Zen P/N#

Búsqueda por el Número Zen

Impulsores de Partida 11

Starter Drives

Impulsores de Arranque

Engrenagens 14

Gears

Piñones

NºZEN ANTIGO OLD ANTIGUO	NºZEN NOVO NEW NUEVO	Pg.
1.01.0001.0	0001	159
1.01.0005.0	0005	159
1.01.0006.0	0006	159
1.01.0010.0	0010	160
1.01.0013.0	0013	160
1.01.0015.0	0015	160
1.01.0020.0	0020	161
1.01.0020.1	1184	399
1.01.0022.0	0022	161
1.01.0024.0	0024	162
1.01.0024.4	1359	415
1.01.0025.0	0025	163
1.01.0028.0	0028	163
1.01.0030.0	1216	410
1.01.0032.0	0032	164
1.01.0034.0	0034	164
1.01.0035.0	0035	165
1.01.0036.0	0036	165
1.01.0037.0	0037	166
1.01.0041.0	0041	166
1.01.0043.0	0043	166
1.01.0044.0	0044	167
1.01.0045.0	0045	167
1.01.0046.0	0046	167
1.01.0049.0	0049	168
1.01.0050.0	0050	168
1.01.0051.0	0051	168
1.01.0052.0	0052	169
1.01.0053.0	0053	169
1.01.0054.0	0054	169
1.01.0056.0	0056	170
1.01.0059.0	0059	170
1.01.0060.0	0060	170
1.01.0061.0	0061	171
1.01.0062.0	0062	171
1.01.0064.0	0064	171
1.01.0065.0	0065	172
1.01.0067.0	0067	172
1.01.0068.0	0068	173
1.01.0070.0	0070	173
1.01.0073.0	0073	174
1.01.0077.0	0077	174
1.01.0078.0	0078	174
1.01.0080.0	0080	175
1.01.0081.0	0081	175
1.01.0082.0	0082	176
1.01.0084.0	0084	176
1.01.0085.0	0085	176
1.01.0085.4	1361	416
1.01.0086.0	0086	177
1.01.0087.0	0087	177
1.01.0088.0	0088	178
1.01.0089.0	0089	179
1.01.0092.0	0092	179
1.01.0093.0	0093	179

NºZEN ANTIGO OLD ANTIGUO	NºZEN NOVO NEW NUEVO	Pg.
1.01.0096.0	0096	180
1.01.0097.0	0097	180
1.01.0100.0	0100	181
1.01.0101.0	0101	181
1.01.0102.0	0102	182
1.01.0104.0	0104	182
1.01.0105.0	0105	182
1.01.0105.4	1364	416
1.01.0108.0	0108	184
1.01.0110.0	0110	186
1.01.0111.0	0111	186
1.01.0112.0	0112	187
1.01.0114.0	0114	187
1.01.0115.0	0115	188
1.01.0117.0	0117	188
1.01.0118.0	0118	189
1.01.0120.0	0120	190
1.01.0121.0	0121	190
1.01.0122.0	0122	191
1.01.0125.0	0125	192
1.01.0126.0	0126	192
1.01.0131.0	0131	193
1.01.0133.0	0133	193
1.01.0134.0	0134	194
1.01.0135.0	0135	195
1.01.0139.0	0139	195
1.01.0140.0	0140	195
1.01.0141.0	0141	196
1.01.0144.0	0144	196
1.01.0150.0	0150	197
1.01.0155.0	0155	198
1.01.0158.0	0158	198
1.01.0160.0	0160	198
1.01.0161.0	0161	199
1.01.0162.0	0162	199
1.01.0163.0	0163	199
1.01.0170.0	0170	200
1.01.0171.0	0171	200
1.01.0182.0	0182	200
1.01.0183.0	0183	201
1.01.0184.0	0184	201
1.01.0186.0	0186	202
1.01.0188.0	0188	202
1.01.0189.0	0189	203
1.01.0191.0	0191	203
1.01.0192.0	0192	204
1.01.0193.0	0193	204
1.01.0198.0	0198	204
1.01.0201.0	0201	205
1.01.0204.0	0204	205
1.01.0205.0	0205	205
1.01.0213.0	0213	206
1.01.0215.0	0215	206
1.01.0216.0	0216	207
1.01.0217.0	0217	207

NºZEN ANTIGO OLD ANTIGUO	NºZEN NOVO NEW NUEVO	Pg.
1.01.0218.0	0218	207
1.01.0220.0	0220	209
1.01.0221.0	0221	209
1.01.0222.0	0222	209
1.01.0223.0	0223	210
1.01.0224.0	0224	210
1.01.0225.0	0225	211
1.01.0226.0	0226	211
1.01.0227.0	0227	211
1.01.0228.0	0228	212
1.01.0229.0	0229	212
1.01.0238.0	0238	212
1.01.0243.0	0243	213
1.01.0244.0	0244	213
1.01.0245.0	0245	213
1.01.0248.0	0248	214
1.01.0280.0	0280	214
1.01.0285.0	0285	214
1.01.0286.0	0286	215
1.01.0287.0	0287	215
1.01.0287.1	1187	400
1.01.0291.0	0291	216
1.01.0292.0	0292	216
1.01.0293.0	0293	217
1.01.0294.0	0294	217
1.01.0300.0	0300	217
1.01.0301.0	0301	218
1.01.0302.0	0302	218
1.01.0303.0	0303	219
1.01.0304.0	0304	219
1.01.0307.0	0307	219
1.01.0308.0	0308	220
1.01.0310.0	0310	220
1.01.0312.0	0312	220
1.01.0313.0	0313	221
1.01.0315.0	0315	221
1.01.0316.0	0316	221
1.01.0318.0	0318	222
1.01.0319.0	0319	222
1.01.0320.0	0320	223
1.01.0322.0	0322	223
1.01.0323.0	0323	223
1.01.0325.0	0325	225
1.01.0327.0	0327	225
1.01.0328.0	0328	226
1.01.0329.0	0329	226
1.01.0339.0	0339	226
1.01.0340.0	0340	227
1.01.0341.0	0341	227
1.01.0342.0	0342	227
1.01.0343.0	0343	228
1.01.0348.0	0348	228
1.01.0349.0	0349	228
1.01.0351.0	0351	229
1.01.0352.0	0352	230

NºZEN ANTIGO OLD ANTIGUO	NºZEN NOVO NEW NUEVO	Pg.
1.01.0353.0	0353	231
1.01.0361.0	0361	231
1.01.0362.0	0362	231
1.01.0365.0	0365	232
1.01.0366.0	0366	232
1.01.0367.0	0367	233
1.01.0371.0	1302	414
1.01.0376.0	0376	235
1.01.0378.0	0378	235
1.01.0380.0	0380	236
1.01.0381.0	0381	236
1.01.0382.0	0382	236
1.01.0389.0	0389	237
1.01.0392.0	0392	237
1.01.0394.0	0394	238
1.01.0395.0	0395	238
1.01.0397.0	0397	239
1.01.0398.0	0398	239
1.01.0404.0	0404	239
1.01.0406.0	0406	240
1.01.0407.0	0407	240
1.01.0408.0	0408	241
1.01.0409.0	0409	241
1.01.0409.1	1188	400
1.01.0411.0	0411	241
1.01.0412.0	0412	242
1.01.0414.0	0414	242
1.01.0417.0	0417	242
1.01.0418.0	0418	243
1.01.0419.0	0419	243
1.01.0420.0	0420	243
1.01.0426.0	0426	244
1.01.0427.0	0427	244
1.01.0428.0	0428	244
1.01.0429.0	0429	245
1.01.0433.0	0433	245
1.01.0433.1	1189	400
1.01.0434.0	0434	245
1.01.0438.0	0438	246
1.01.0439.0	0439	246
1.01.0440.0	0440	246
1.01.0441.0	0441	247
1.01.0443.0	0443	247
1.01.0445.0	0445	247
1.01.0447.0	0447	248
1.01.0448.0	0448	248
1.01.0449.0	0449	249
1.01.0450.0	0450	249
1.01.0451.0	0451	250
1.01.0453.0	0453	251
1.01.0454.0	0454	251
1.01.0455.0	0455	251
1.01.0458.0	0458	252
1.01.0459.0	0459	252
1.01.0460.0	0460	252

Nº ZEN OLD ANTIGUO	Nº ZEN NEW NUEVO	Pg.
1.01.0461.0	0461	253
1.01.0462.0	0462	253
1.01.0463.0	0463	253
1.01.0467.0	0467	254
1.01.0468.0	0468	254
1.01.0469.0	0469	254
1.01.0474.0	0474	255
1.01.0475.0	0475	255
1.01.0480.0	0480	255
1.01.0482.0	0482	256
1.01.0485.0	0485	259
1.01.0486.0	0486	259
1.01.0488.0	0488	259
1.01.0491.1	1190	401
1.01.0492.0	0492	260
1.01.0495.0	0495	260
1.01.0496.0	0496	261
1.01.0497.0	0497	262
1.01.0498.0	0498	262
1.01.0499.0	0499	263
1.01.0505.0	0505	263
1.01.0506.0	0506	263
1.01.0507.0	0507	264
1.01.0509.0	0509	264
1.01.0517.0	0517	264
1.01.0519.0	0519	265
1.01.0520.0	0520	265
1.01.0522.0	0522	266
1.01.0528.0	0528	266
1.01.0529.0	0529	266
1.01.0530.0	0530	267
1.01.0532.0	0532	267
1.01.0533.0	0533	268
1.01.0536.0	0536	268
1.01.0536.1	1191	401
1.01.0537.0	0537	269
1.01.0538.0	0538	269
1.01.0539.0	0539	269
1.01.0540.0	0540	270
1.01.0541.0	0541	270
1.01.0545.0	0545	270
1.01.0549.0	0549	271
1.01.0554.0	0554	271
1.01.0555.0	0555	271
1.01.0556.0	0556	272
1.01.0557.0	0557	272
1.01.0561.0	0561	272
1.01.0566.0	0566	273
1.01.0567.0	0567	273
1.01.0568.0	0568	273
1.01.0570.0	0570	274
1.01.0571.0	0571	274
1.01.0572.0	0572	274
1.01.0573.0	0573	275
1.01.0574.0	0574	275

Nº ZEN OLD ANTIGUO	Nº ZEN NEW NUEVO	Pg.
1.01.0575.0	0575	275
1.01.0576.0	0576	276
1.01.0577.0	0577	276
1.01.0579.0	0579	276
1.01.0580.0	0580	277
1.01.0584.0	0584	278
1.01.0591.0	0591	278
1.01.0594.0	0594	278
1.01.0595.0	0595	279
1.01.0596.0	0596	279
1.01.0597.0	0597	280
1.01.0601.0	0601	280
1.01.0603.0	0603	280
1.01.0605.0	0605	281
1.01.0607.0	0607	281
1.01.0608.0	0608	281
1.01.0609.0	0609	282
1.01.0610.0	0610	282
1.01.0611.0	0611	282
1.01.0612.0	0612	283
1.01.0613.0	0613	284
1.01.0615.0	0615	284
1.01.0617.0	0617	285
1.01.0619.0	0619	285
1.01.0620.1	1192	401
1.01.0620.2	1224	411
1.01.0622.0	0622	285
1.01.0623.1	1193	402
1.01.0623.2	1225	412
1.01.0624.0	0624	286
1.01.0625.0	0625	286
1.01.0626.0	0626	287
1.01.0627.0	0627	287
1.01.0629.0	0629	288
1.01.0629.1	1194	403
1.01.0630.0	0630	288
1.01.0631.0	0631	288
1.01.0632.0	0632	289
1.01.0633.0	0633	289
1.01.0634.0	0634	289
1.01.0635.0	0635	290
1.01.0636.0	0636	290
1.01.0638.0	0638	290
1.01.0639.0	0639	291
1.01.0641.0	0641	291
1.01.0644.0	0644	292
1.01.0645.0	0645	293
1.01.0646.0	0646	293
1.01.0647.0	0647	293
1.01.0648.0	0648	294
1.01.0649.0	0649	294
1.01.0649.1	1195	403
1.01.0650.0	0650	294
1.01.0650.1	1196	403
1.01.0651.0	0651	295

Nº ZEN OLD ANTIGUO	Nº ZEN NEW NUEVO	Pg.
1.01.0651.1	1197	404
1.01.0652.0	0652	295
1.01.0652.1	1198	404
1.01.0653.0	0653	295
1.01.0655.0	0655	296
1.01.0656.0	0656	296
1.01.0657.0	0657	296
1.01.0661.0	0661	297
1.01.0662.1	1199	404
1.01.0662.2	1226	413
1.01.0668.0	0668	297
1.01.0669.0	0669	297
1.01.0670.0	0670	298
1.01.0671.0	0671	298
1.01.0673.0	0673	298
1.01.0674.0	0674	299
1.01.0676.0	0676	299
1.01.0677.0	0677	299
1.01.0679.0	0679	300
1.01.0681.0	0681	300
1.01.0684.0	0684	300
1.01.0686.0	0686	301
1.01.0687.0	0687	301
1.01.0691.0	0691	301
1.01.0701.0	0701	302
1.01.0702.0	0702	302
1.01.0703.0	0703	302
1.01.0704.0	0704	303
1.01.0705.0	0705	303
1.01.0706.0	0706	303
1.01.0708.0	0708	304
1.01.0709.0	0709	304
1.01.0711.0	0711	304
1.01.0712.0	0712	305
1.01.0713.0	0713	305
1.01.0714.0	0714	305
1.01.0720.0	0720	306
1.01.0721.0	0721	306
1.01.0722.0	0722	306
1.01.0723.0	0723	307
1.01.0729.0	0729	307
1.01.0731.0	0731	307
1.01.0732.0	0732	308
1.01.0737.0	0737	308
1.01.0737.1	1200	405
1.01.0740.0	0740	309
1.01.0741.0	0741	309
1.01.0742.0	0742	309
1.01.0743.0	0743	310
1.01.0744.0	0744	310
1.01.0745.0	0745	310
1.01.0747.0	0747	311
1.01.0748.0	0748	311
1.01.0748.4	1372	417
1.01.0749.0	0749	312

Nº ZEN OLD ANTIGUO	Nº ZEN NEW NUEVO	Pg.
1.01.0750.0	0750	312
1.01.0750.1	1201	405
1.01.0751.0	0751	312
1.01.0752.0	0752	313
1.01.0753.0	0753	313
1.01.0754.0	0754	313
1.01.0755.0	0755	314
1.01.0756.0	0756	314
1.01.0758.0	0758	314
1.01.0760.0	0760	315
1.01.0762.0	0762	315
1.01.0764.0	0764	315
1.01.0765.0	0765	316
1.01.0767.0	0767	316
1.01.0768.0	0768	316
1.01.0769.0	0769	317
1.01.0770.0	0770	317
1.01.0771.0	0771	317
1.01.0772.0	0772	318
1.01.0773.0	0773	318
1.01.0774.0	0774	318
1.01.0775.0	0775	319
1.01.0776.0	0776	319
1.01.0778.0	0778	319
1.01.0778.1	1204	406
1.01.0779.0	0779	320
1.01.0780.1	1205	406
1.01.0781.0	0781	320
1.01.0783.0	0783	320
1.01.0784.0	0784	321
1.01.0785.0	0785	321
1.01.0786.0	0786	322
1.01.0786.1	1206	406
1.01.0786.2	1227	413
1.01.0786.3	1333	414
1.01.0787.0	0787	322
1.01.0790.0	0790	322
1.01.0791.0	0791	323
1.01.0792.0	0792	323
1.01.0793.0	0793	324
1.01.0793.1	1207	407
1.01.0794.0	0794	324
1.01.0796.0	0796	324
1.01.0797.0	0797	325
1.01.0798.0	0798	325
1.01.0799.0	0799	325
1.01.0800.0	0800	326
1.01.0801.0	0801	326
1.01.0803.0	0803	327
1.01.0805.0	0805	327
1.01.0806.0	0806	328
1.01.0809.0	0809	328
1.01.0813.0	0813	328
1.01.0814.0	0814	329
1.01.0815.0	0815	329

NºZEN ANTIGO OLD ANTIGUO	NºZEN NOVO NEW NUEVO	Pg.
1.01.0816.0	0816	329
1.01.0817.0	0817	330
1.01.0818.0	0818	330
1.01.0820.0	0820	330
1.01.0821.0	0821	331
1.01.0822.0	0822	331
1.01.0823.0	0823	331
1.01.0824.1	1208	407
1.01.0824.2	1228	414
1.01.0825.0	0825	332
1.01.0826.0	0826	332
1.01.0828.0	0828	332
1.01.0830.0	0830	333
1.01.0831.0	0831	333
1.01.0832.0	0832	333
1.01.0833.1	1209	407
1.01.0836.0	0836	334
1.01.0837.0	0837	334
1.01.0838.0	0838	335
1.01.0841.0	0841	335
1.01.0843.0	0843	335
1.01.0844.0	0844	336
1.01.0846.0	0846	336
1.01.0850.0	0850	336
1.01.0851.0	0851	337
1.01.0852.0	0852	337
1.01.0853.0	0853	337
1.01.0854.0	0854	338
1.01.0855.0	0855	338
1.01.0856.0	0856	338
1.01.0857.0	0857	339
1.01.0858.0	0858	339
1.01.0860.0	0860	339
1.01.0861.0	0861	340
1.01.0863.0	0863	340
1.01.0866.0	0866	340
1.01.0868.0	0868	341
1.01.0870.1	1210	408
1.01.0871.0	0871	341
1.01.0874.0	0874	341
1.01.0875.0	0875	342
1.01.0878.0	0878	342
1.01.0879.0	0879	342
1.01.0883.1	1211	408
1.01.0884.1	1212	408
1.01.0885.1	1213	409
1.01.0887.0	0887	343
1.01.0888.0	0888	343
1.01.0890.0	0890	343
1.01.0892.0	0892	344
1.01.0893.0	0893	344
1.01.0894.0	0894	344
1.01.0895.0	0895	345
1.01.0896.0	0896	345
1.01.0897.1	1214	409

NºZEN ANTIGO OLD ANTIGUO	NºZEN NOVO NEW NUEVO	Pg.
1.01.0898.0	0898	345
1.01.0900.0	0900	346
1.01.0901.0	0901	346
1.01.0902.0	0902	346
1.01.0905.0	0905	347
1.01.0906.0	0906	347
1.01.0907.0	0907	347
1.01.0908.0	0908	348
1.01.0910.0	0910	348
1.01.0914.0	0914	348
1.01.0915.0	0915	349
1.01.0916.0	0916	349
1.01.0917.0	0917	349
1.01.0918.0	0918	350
1.01.0919.0	0919	350
1.01.0920.0	0920	350
1.01.0921.0	0921	351
1.01.0921.1	1215	409
1.01.0924.0	0924	351
1.01.0925.0	0925	352
1.01.0926.0	0926	352
1.01.0929.0	0929	353
1.01.0930.0	0930	353
1.01.0931.0	0931	353
1.01.0932.0	0932	354
1.01.0933.0	0933	354
1.01.0935.0	0935	354
1.01.0936.0	0936	355
1.01.0937.0	0937	355
1.01.0938.0	0938	355
1.01.0940.0	0940	356
1.01.0941.1	1217	410
1.01.0942.0	0942	356
1.01.0943.0	0943	356
1.01.0945.0	0945	357
1.01.0946.0	0946	357
1.01.0947.0	0947	357
1.01.0948.0	0948	358
1.01.0950.0	0950	359
1.01.0951.0	0951	359
1.01.0952.1	10003	453
1.01.0953.0	0953	359
1.01.0954.0	0954	360
1.01.0957.0	0957	360
1.01.0958.0	0958	360
1.01.0959.0	0959	361
1.01.0960.0	0960	361
1.01.0961.0	0961	361
1.01.0962.0	0962	362
1.01.0965.0	0965	362
1.01.0967.0	0967	362
1.01.0968.3	1351	415
1.01.0969.0	0969	363
1.01.0970.0	0970	363
1.01.0972.0	0972	363

NºZEN ANTIGO OLD ANTIGUO	NºZEN NOVO NEW NUEVO	Pg.
1.01.0974.1	1218	410
1.01.0975.0	0975	364
1.01.0976.0	0976	364
1.01.0977.0	0977	365
1.01.0978.0	0978	365
1.01.0983.0	0983	366
1.01.0985.0	0985	366
1.01.0989.0	0989	366
1.01.0990.0	0990	367
1.01.0991.0	0991	367
1.01.0997.0	0997	367
1.01.0998.0	0998	368
1.01.0999.0	0999	368
1.01.1001.0	1001	368
1.01.1002.0	1002	369
1.01.1003.0	1003	369
1.01.1004.0	1004	369
1.01.1005.0	1005	370
1.01.1011.0	1011	370
1.01.1013.0	1013	370
1.01.1016.0	1016	371
1.01.1017.0	1017	371
1.01.1018.0	1018	371
1.01.1019.0	1019	372
1.01.1020.0	1020	372
1.01.1021.0	1021	372
1.01.1022.0	1022	373
1.01.1023.0	1023	373
1.01.1024.0	1024	373
1.01.1025.0	1025	374
1.01.1026.0	1026	374
1.01.1027.0	1027	374
1.01.1030.0	1030	375
1.01.1031.0	1031	375
1.01.1033.0	1033	375
1.01.1035.0	1035	376
1.01.1036.0	1036	376
1.01.1037.0	1037	376
1.01.1038.0	1038	377
1.01.1043.0	1043	377
1.01.1046.0	1046	378
1.01.1047.0	1047	378
1.01.1048.0	1048	378
1.01.1054.0	1054	379
1.01.1056.0	1056	379
1.01.1057.0	1057	379
1.01.1058.0	1058	380
1.01.1059.0	1059	380
1.01.1060.0	1060	381
1.01.1062.0	1062	381
1.01.1063.0	1063	381
1.01.1064.0	1064	382
1.01.1065.0	1065	382
1.01.1067.0	1067	382
1.01.1068.0	1068	383

NºZEN ANTIGO OLD ANTIGUO	NºZEN NOVO NEW NUEVO	Pg.
1.01.1069.0	1069	383
1.01.1070.0	1070	383
1.01.1071.0	1071	384
1.01.1072.0	1072	384
1.01.1073.0	1073	384
1.01.1074.0	1074	385
1.01.1076.0	1076	385
1.01.1078.1	1222	411
1.01.1080.1	1223	411
1.01.1081.0	1081	385
1.01.1082.0	1082	386
1.01.1088.0	1088	386
1.01.1090.0	1090	386
1.01.1091.0	1091	387
1.01.1092.0	1092	387
1.01.1097.0	1097	387
1.01.1098.0	1098	388
1.01.1104.0	1104	388
1.01.1107.0	1107	388
1.01.1108.0	1108	389
1.01.1109.0	1109	389
1.01.1111.0	1111	389
1.01.1112.0	1112	390
1.01.1113.0	1113	390
1.01.1117.0	1117	390
1.01.1133.0	1133	391
1.01.1134.0	1134	391
1.01.1152.0	1152	391
1.01.1153.0	1153	392
1.01.1155.0	1155	392
1.01.1156.0	1156	392
1.01.1157.0	1157	393
1.01.1158.0	1158	393
1.01.1159.0	1159	393
1.01.1160.0	1160	394
1.01.1161.0	1161	394
1.01.1162.0	1162	394
1.01.1168.0	1168	395
1.01.1169.0	1169	395
1.01.1170.0	1170	395
1.01.1171.0	1171	396
1.01.1172.0	1172	396
1.01.1173.0	1173	396
1.01.1174.0	1174	397
1.01.1175.0	1175	397
1.01.1176.0	1176	397
1.01.1177.0	1177	398
1.01.1178.0	1178	398
1.01.1179.0	1179	398
1.01.1180.0	1180	399
1.01.1181.0	1181	399
1.01.1451.0	1451	418
1.01.1452.0	1452	418
1.01.1453.0	1453	418
1.01.1454.0	1454	419

NºZEN	ANTIGO OLD ANTIGUO	NºZEN	NOVO NEW NUEVO	Pg.
	1.01.1455.0	1455	419	
	1.01.1458.0	1458	419	
	1.01.1467.0	1467	420	
	1.01.1468.0	1468	420	
	1.01.1469.0	1469	420	
	1.01.1470.0	1470	421	
	1.01.1471.0	1471	421	
	1.01.1472.0	1472	421	
	1.01.1473.0	1473	422	
	1.01.1474.0	1474	422	
	1.01.1475.0	1475	422	
	1.01.1477.0	1477	423	
	1.01.1478.0	1478	423	
	1.01.1480.0	1480	423	
	1.01.1482.0	1482	424	
	1.01.1483.0	1483	424	
	1.01.1484.0	1484	425	
	1.01.1485.0	1485	425	
	1.01.1486.0	1486	425	
	1.01.1487.0	1487	426	
	1.01.1496.0	1496	426	
	1.01.1501.0	1501	426	
	1.01.1502.0	1502	427	
	1.01.1503.0	1503	427	
	1.01.1504.0	1504	427	
	1.01.1505.0	1505	428	
	1.01.1506.0	1506	428	
	1.01.1507.0	1507	428	
	1.01.1508.0	1508	429	
	1.01.1509.0	1509	429	
	1.01.1510.0	1510	429	
	1.01.1513.0	1513	430	
	1.01.1515.0	1515	430	
	1.01.1518.0	1518	430	
	1.01.1520.0	1520	431	
	1.01.1521.0	1521	431	
	1.01.1523.0	1523	431	
	1.01.1526.0	1526	432	
	1.01.1527.0	1527	432	
	1.01.1528.0	1528	432	
	1.01.1529.0	1529	433	
	1.01.1530.0	1530	433	
	1.01.1533.0	1533	433	
	1.01.1534.0	1534	434	
	1.01.1538.0	1538	434	
	1.01.1539.0	1539	434	
	1.01.1540.0	1540	435	
	1.01.1545.0	1545	435	
	1.01.1547.0	1547	435	
	1.01.1548.0	1548	436	
	1.01.1550.0	1550	436	
	1.01.1551.0	1551	437	
	1.01.1556.0	1556	437	
	1.01.1557.0	1557	437	
	1.01.1561.0	1561	438	

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Conversão para Número Zen

Conversion for Zen Number

Conversión para el Número Zen

Ac Delco	17	John Deere	24
Accurate	17	Johnson Electric	24
Ace	17	Just Parts	24
AES New	17	KHD	24
AIM	17	Kubota	24
Allis Chalmers	17	Lada	24
Amsco	17	Leece-Neville	24
André Niermann	17	Lester	24
Arrowhead	17	Lucas	31
Autolite-Prestolite	17	Lucas Indiel	32
Bedford	17	Magneti-Marelli	33
Bendix	17	Magneton	34
Bosch	17	Mazda	34
Boston Auto	20	Mercedes Benz	34
Butech	20	Mitsuba	34
Cargo	20	Mitsubishi	34
Case	20	Motorcraft	34
Caterpillar	20	Nashville	34
CBT	20	Nikko	34
Chrysler	20	Nippondenso	34
Citroën	21	Nissan-Datsun	35
CPC	21	Onan	35
Daewoo	21	Pal	35
DAF	21	Paris-Rhone	35
Daihatsu	21	Polaris	35
Delco Reman	21	Prestolite	35
Dubois	21	Remy	35
Ducellier	21	Skoda	37
Facet	21	Subaru	37
Femsa	21	Suzuki	37
Fiat	21	SWS	37
Ford	22	Thermo King	37
Garef	22	Toyota	37
General Motors	22	Tria	37
Harley-Davidson	22	UTB	37
HC Parts	22	UTMS	37
Hitachi	22	Valeo	37
Honda	23	Visteon	38
Ingersoll-Rand	23	Volga	38
Ishikawjima	23	Volkswagen	38
Iskra	23	W.A.I.	38
Isuzu	23	Wapsa	38
Italacciai	23	Ww	38
J&N	24	Yamaha	38

Ac Delco	Nº Zen
1986244	0755
Accurate	Nº Zen
1073	9823
4-798, 798	9702
Ace	Nº Zen
4-1073	9823
4-798	9702
AES New	Nº Zen
1946	9702
AIM	Nº Zen
SJ-0779A	9702
Allis Chalmers	Nº Zen
02683662	0434
02698850	0434
2201850102	0376
22018501030	0376
2201850192	0376
268757	0607
Amsco	Nº Zen
HT-230	9702
André Niermann	Nº Zen
01364402	1594
Arrowhead	Nº Zen
SHI5308	9702
Autolite-Prestolite	Nº 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
MD01161	0110
MDW1261	0110
MGD1061	0110
MGD1161	0110
MGD1161A	0110

Autolite-Prestolite	Nº Zen
MGL1161	0110
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	Nº Zen
91118533	0686
Bendix	Nº 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

Bendix	Nº Zen
313910	0189
314529	0404
324565	0189
324840	1302
325228	0189
325231	0248
325232	0285
327585	0574
331025	0574
331032	0574
333418	0217
344511	0243
Bosch	Nº 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

Bosch	Nº Zen
1006209125	0044
1006209127	0080
1006209140	0223
1006209161	0131
1006209162	0065
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
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1006209804	1597
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1987BE0025	0158

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2003162006	0133
2003162016	0133
2006202000	0117
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Bosch	Nº Zen
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2006209111	0302
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2006209160	0131
2006209161	0131
2006209162	0065
2006209163	0307
2006209165	0080
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2006209181	0227
2006209183	0028
2006209183	1076
2006209185	0224
2006209200	0304
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2006209229	0318
2006209240	0310
2006209241	0319
2006209246	0312
2006209273	0221
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2006209305	0302
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2006209321	0220
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2006209331	0319
2006209332	0316
2006209341	0301
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2006209345	0302
2006209366	0225
2006209386	0225
2006209388	0226
2006209394	0118
2006209405	0118
2006209406	0308
2006209407	0313
2006209408	0392
2006209413	0661
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Bosch	Nº Zen
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9002336207	0632
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9002336219	1070
9002336223	1071
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9002336230	0929
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9033AD0284	1027
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Boston Auto	Nº Zen
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31206194	1594
31206194A	1594
Butec	Nº Zen
850363	0117
850629	0188
851073	0097
851075	0110
852758	0117
852760	0188
852762	0097
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852957	0117
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852962	0110
Cargo	Nº Zen
111636	1594
231269	1577
236896	1534
Case	Nº Zen
112055	1594
A47788	0434
Caterpillar	Nº 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	Nº Zen
210137086200	0213
210803708620	0540
5800/00043	0627
CT2213708600	0213
Chrysler	Nº Zen
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15113	0110
1889129	0054
2095122	0050
2095397	0050
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Chrysler	Nº Zen
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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
5233966	9349
CH1917	0054
CH1920	0050
CH1922	0050
CH1924	0054
CH1925	0050
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CH1931	0339
DR1900	0013
DR1902	0020
DR1905	0020
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LM1901	0135
PL1991	0135
Citroën	Nº Zen
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96017849	0775
CPC	Nº Zen
SDHI-2662A	9702
Daewoo	Nº Zen
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DAF	Nº Zen
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1276165	1594
1287890	1594
289183	1594
Daihatsu	Nº Zen
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Delco Reman	Nº Zen
DRS1170	1594
DRS3293	1594

Delco Reman	Nº Zen
DRS7090	1594
Dubois	Nº Zen
297400	9702
Ducellier	Nº Zen
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079692	0183
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532017	0244
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583289	0574
583336	0574
583347	0574
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6224	0244
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6227CD	0244
6231ABD	0244
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681380	0244
683145	0574
73893	0463
Facet	Nº Zen
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10127	0144
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10580	0924
10583	0182
10593	0655
10621	0625
10624	0624
10627	0622
10639	0625
10640	0624
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10671	0890
10682	1217
480105	0898
480115	0188
480116	0117

Facet	Nº Zen
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480118	0097
480135	0626
480183	0898
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480320	0188
480321	0110
480322	0626
480324	1190
480410	0117
480411	0097
480412	0930
480414	0914
480417	0182
Femsa	Nº Zen
03550	0120
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1066122	0713
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1706114	0120
1706115	0451
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170613	0120
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278963	0053
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Fiat	Nº Zen
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4091920	0495
4106093	0495
4120550	0768
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4141057	0533
4142235	0120
4145751	0120
4145978	0495
4154293	0213
4169960	0608
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4226442	0608
4243124	0213
4249166	0120
4474695	0608
4475032	0608
4475122	0213
4988518	0561
7073094	0111
79023774	0407
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79026236	0310
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Fiat	Nº Zen
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79033659	0648
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79081045	0601
7984505	0601
8122123	0225
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8122126	0087
8122127	0218
8122128	0218
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8122129	1364
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82327386	0108
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9008243	1364
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9934752	0325
9934977	0310
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9936671	0857
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9936772	0407
9936996	0408
9937207	0389
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9937711	0189
9937949	0291
9938235	0394
9938328	0395
9939194	0631
9939710	0875

Fiat	Nº Zen
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9939915	0786
9940577	0786
9940577	1333
9940740	0630
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9941314	0482
9941371	1117
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9941640	0389
9941642	0394
9941751	0408
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9941892	0120
9944373	0579
9945556	0779
9946913	1477
9947748	1630
9947831	0925
9947838	0998
9948135	1025
9956595	0594
9956676	0291
9957707	0407
9957820	0310
9957919	0105
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9959572	0648
9959619	0367
9959813	0418
9961781	0601
99811565	0315
9983629	0291
9984246	0087
9986112	0407
Ford	Nº Zen
106688	0907
10670F7RU	0907
1L5T11000AA	1585
2701E11350B	0064
2900761	0032
2900804	0050
32051112	1612
53R211350A	1208
72DB11K003AA	0064
BRNN11350	1216
C1AF11350A	0032
C1AZ11350A	0032
C1VF11350A	0053
C1VY11350A	0053
C2DF11350C	0205
C2DZ11350A	0110

Ford	Nº Zen
C20F11350C	0053
C3DE11350A	0110
C3TZ11350A	0110
C3VF11350A	0053
C3VF11350C	0053
C4DF11350A	0205
C4DZ11350A	0205
C4DZ11350B	0205
C40F11350A	0053
C40F11350B	0053
C40Z11350A	0053
C40Z11350B	0053
C4ZZ11350B	0205
C5JF11350A	0053
C6FF11350B	0135
C6FY11350A	0053
C6TZ11350A	0093
C6TZ11350A	0568
C6VY11350A	0053
C6VY11350A1	0053
C7AF11350A	0053
C7AF11350A1	0053
C8DF11350A	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

Ford	Nº Zen
E4EF11350AA	0681
E4FZ11350A	0681
E4LF11350AA	0681
E4LY11350A	0681
E5PF11350AA	0670
E5PZ11350A	0670
E6EF11350AA	0455
E6FZ11350A	0455
E6HZ11350A	0625
E7GZ11350A	0450
E8BZ11350A	0636
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
F4XY-11350B	1019
F5BU11350AA	0975
F5DZ11350A	1192
F5DZ11350A	1224
F5RU11350RA	1208
F5RU11350RA	1228
F7RUK614	0907
F87U-11350-AC	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
SD-340	1193
SD341	1226
SD-341	1199
SD-353	1208

Ford	Nº Zen
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
SDE339	0669
SDE342	0596
XS6411350AA	1208
YC1U11000AB	1539
Garef	Nº Zen
1470824	0213
58350001	0120
58350002	0120
6624100	0714
General Motors	Nº Zen
01954842	0045
07073094	0111
07325345	0046
07328970	0024
07328970	1359
07329691	0080
07363070	0010
09307667	0108
90273737	0482
90421771	0745
93297293	1064
94021427	0141
94208296	0351
9423227	0349
94233227	0349
96058480	0617
96063635	0450
96063636	0595
Harley Davidson	Nº Zen
3144365A	0898
HC Parts	Nº Zen
CS1129	1594
CS387	1594
Hitachi	Nº Zen
1303ST	0539
210875002	0536
2108F3500	0536
2108F3500	9488
211415003	0429
2114-15016	1020
211415504	0517
211415507	0790
211415508	0832
211425504	0554

Hitachi	Nº Zen
211425505	1200
211425509	1207
211435006	0737
211435507	0791
211435551	0687
211445002	0691
211445004	0351
211445007	0351
211445012	0634
2114-45016	1016
2114-45100	1017
211445504	0499
211455003	0644
211455004	0349
211455008	9488
211455506	0737
211465001	0349
211465004	0382
2114-65008	9528
211475001	0351
211475008	0737
211475008	1200
211475014	0828
211485008	0737
211485501	0790
211495002	0382
211495007	0537
211495008	0737
2114-95501	9527
211495505	0554
2114N1550	0141
2114N-1550	0141
2114N-1560	0141
2114N3550	0351
2114N4550	0141
212015501	0684
212025001	0448
21203500	0376
212035001	0376
212045002	0448
212055002	0448
21207500	0376
212075002	0448
21207530	0376
21207550	0376
212085001	0448
212085002	0448
21301502	0790
21303500	0539
213035004	0844
2130-35009	0792
213065001	0790
213065002	0785
2130-75002	0792
2130-75003	0792

Hitachi	Nº Zen
213075004	0790
2130-85003	0792
21309500	0684
2250-25003	0901
225035001	0448
2250-45004	0901
S114808	1556
S114829	1557
Honda	Nº Zen
31204657617	0947
31204PC016	9350
31204PC2016	9350
31204PD1003	9350
31204PD1013	9350
31204PH3006	9350
31204PJ7903	9350
31207634005	0349
31207657006	0327
31207PA0006	0327
31207PE0005	0832
31213671671	9186
31221657004	9186
Ingersoll-Rand	Nº Zen
101BMP2991	0188
101BMP2992	0930
Ishikawajima	Nº Zen
185866150	0947
Iskra	Nº Zen
16900035	1088
16900068	1588
16900089	1056
16900151	1060
16900284	1059
16900920	0228
16900922	0926
16901658	1073
16901694	1616
16902733	1600
16904847	1600
18100021	0036
18100098	0035
18900179	0533
525	0896
Isuzu	Nº Zen
5811130170	0376
5811230020	0376
5811230070	0376
5811230090	0448
5811230150	0448
5811230160	0376
5811230360	0832
5811240030	0946
5811240030	9260
5811240060	9260
8821213620	0141

Isuzu	Nº Zen
8921233010	0141
8941155680	0737
8941155690	1200
8941258890	0498
8941291870	0947
8942082960	0351
8942082961	0351
8942332270	0349
8942332770	0349
8942363471	0737
8942391070	0327
9811233010	0141
9821212340	0448
9821212380	0376
9821233010	0141
Italacciai	Nº Zen
SD002	0285
SD012	0319
SD013	0225
SD015	0224
SD016	0447
SD018	0304
SD019	0411
SD037	0362
SD038	0226
SD040	0463
SD044	0570
SD047	0574
SD055	0325
SD060	0228
SD061	0028
SD062	0630
SD076	0286
SD077	0601
SD105	0533
SD106	0533
SD107	0120
SD108	0213
SD112	0608
SD117	0189
SD119	0453
SD123	0310
SD124	0105
SD124	1364
SD125	0407
SD128	0407
SD137	0222
SD145	0561
SD149	0349
SD151	0351
SD152	0184
SD153	0408
SD158	0244
SD169	0352
SD181	0327

Italacciai	Nº Zen
SD183	0353
SD184	0291
SD185	0395
SD186	0111
SD187	0394
SD188	0389
SD192	0217
SD194	0245
SD197	0280
SD197	0380
SD198	0150
SD199	0398
SD300	0170
SD303	0155
SD305	0080
SD306	0223
SD307	0228
SD309	0139
SD310	0420
SD311	0406
SD312	0118
SD313	0378
SD314	0648
SD315	0313
SD318	0287
SD319	1302
SD324	0248
SD335	0571
SD341	0064
SD342	0320
SD345	0361
SD346	0318
SD347	0312
SD349	0101
SD350	0460
SD354	0460
SD356	0365
SD357	0366
SD359	0353
SD400	0215
SD401	0096
SD415	0227
SD427	0451
SD436	0108
SD437	0482
SD439	0520
SD440	0631
SD441	0392
SD442	0418
SD443	0367
SD447	0220
SD449	0307
SD450	0065
SD450	0323
SD451	0300

Italacciai	Nº Zen
SD453	0229
SD454	0068
SD457	0131
SD466	0323
SD469	0221
SD483	0657
SD486	0541
SD489	0361
SD496	0325
SD499	0574
SD500	0404
SD508	0656
SD509	0646
SD804	0461
SD813	0216
SP201	0035
SP205	0036
SP208	0087
SP211	0218
J&N	Nº Zen
222-44009	9702
John Deere	Nº Zen
19024524	0366
AR54992	0434
Johnson Electric	Nº Zen
10394020	1455
5712820-DV30SM	0708
Just Parts	Nº Zen
B02-6021N	9702
HT2-5034N-PS1	9702
KHD	Nº Zen
01319755	1038
01319806	1038
Kubota	Nº Zen
1550463041	0947
Lada	Nº Zen
210103708620	0213
21013798620	0213
210803708620	0540
CT2213708600	0213
Leece-Neville	Nº Zen
04207	0020
04227	0054
04229	0050
04231	0053
04234	0205
04239	0050
04472	0117
04486	0110
04488	0188
04489	0097
13538	0188
13539	0879
34977	0188
71031	0117

Leece-Neville	Nº Zen
71151	0188
71158	0879
73146	0117
73493	0188
74977	0188
75249	0117
77600	0110
77601	0097
97222	0188
M029013539	0879
M029075249	0776
M02909722	0778
M2904204	0013
M029064235	0626
M029074977	0188
M029076308	0930
M029077600	0110
Lester	Nº Zen
16109	0409
16109	1188
16121	0170
16122	0170
16164	0414
16166	0412
16167	0170
16168	0170
16169	0280
16169	0380
16173	0412
16188	0170
16190	0141
16194	0351
16201	0141
16203	0141
16203	0351
16205	0141
16205	0349
16207	0141
16207	0349
16209	0141
16210	0144
16211	0141
16211	0349
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16215	0184
16215	0353
16217	0327
16218	0184
16218	0327
16220	0327
16221	0343
16222	0140
16222	0353
16223	0327
16224	0140

Lester	Nº Zen
16224	0353
16230	0140
16230	0184
16230	0353
16238	0140
16238	0353
16242	0184
16245	0184
16245	0340
16245	0498
16245	0545
16246	0141
16246	0351
16248	0947
16248	9186
16251	0947
16254	0342
16257	0111
16257	0213
16260	0184
16261	0140
16261	0184
16261	0353
16270	0141
16270	0349
16270	0351
16272	0342
16283	0409
16283	1188
16284	0412
16299	0080
16299	0108
16299	0139
16299	0221
16299	0307
16313	0015
16314	0015
16320	0015
16320	0223
16321	0080
16326	0044
16328	0080
16331	0080
16332	0044
16332	0080
16334	0223
16336	0223
16337	0080
16341	0080
16344	0223
16345	0015
16346	0015
16353	0108
16356	0223
16360	0044

Lester	Nº Zen
16360	0080
16362	0223
16362	0300
16362	0323
16365	0028
16367	0080
16367	0108
16369	0035
16396	0131
16398	1302
16401	0068
16401	0108
16401	0229
16401	0307
16401	0482
16405	0220
16405	0222
16405	0362
16405	0520
16407	0080
16408	0482
16412	0080
16412	0108
16417	0108
16417	0339
16418	0108
16418	0323
16438	0325
16440	0080
16442	0223
16443	0080
16443	0108
16443	0243
16445	0228
16445	0319
16450	0065
16450	0131
16462	0108
16462	0189
16465	0120
16466	0183
16468	0341
16484	0189
16488	0244
16488	0248
16488	0404
16499	0349
16500	0144
16500	0352
16514	0352
16514	0450
16514	0597
16519	0144
16520	0144
16521	0120

Lester	Nº Zen
16522	0144
16522	0352
16522	0450
16524	0144
16527	0352
16530	0068
16530	0222
16530	0520
16531	0108
16532	0307
16534	0108
16538	0108
16539	0068
16539	0080
16539	0108
16539	0307
16543	0139
16543	0221
16543	0857
16546	0229
16547	0323
16550	0108
16556	0323
16556	0406
16557	0108
16558	0418
16560	0105
16560	0301
16560	0308
16560	0315
16560	0367
16563	0497
16563	0635
16565	0392
16567	0392
16571	0144
16578	0947
16579	0352
16579	0382
16579	0853
16584	0737
16586	0947
16586	9186
16588	0144
16588	0352
16593	0108
16593	0120
16595	0222
16595	0362
16597	0248
16600	0947
16600	9186
16603	0041
16604	0041
16606	0155

Lester	Nº Zen
16608	0064
16608	0096
16608	0322
16608	0480
16611	0737
16612	0947
16616	0361
16617	0361
16619	0108
16619	0287
16619	0482
16621	0068
16621	0108
16623	0068
16623	0420
16627	0607
16629	0434
16633	0184
16635	0434
16637	0184
16643	0434
16644	0434
16646	0184
16651	9403
16655	0813
16658	9302
16660	0041
16660	0067
16660	0155
16664	0411
16664	0507
16665	0411
16669	0286
16669	0486
16670	0150
16670	0155
16674	0947
16676	9307
16683	0108
16684	0108
16687	0223
16688	0307
16689	0108
16692	0080
16694	0791
16696	0341
16700	0120
16708	0352
16708	0450
16710	0691
16711	0351
16715	0216
16715	0319
16715	0365
16720	0144

Lester	Nº Zen
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16722	0229
16727	0292
16728	0352
16732	0519
16732	0554
16733	0790
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16736	0947
16737	0947
16739	0946
16739	9260
16742	0144
16742	0352
16752	0460
16752	0530
16755	0248
16756	0287
16756	0574
16759	0947
16760	0947
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16761	0947
16761	9186
16766	0140
16766	0353
16771	0448
16773	0351
16774	0499
16775	0517
16775	0519
16781	0068
16781	0108
16786	0947
16787	0417
16790	0947
16791	0584
16793	0352
16794	0352
16794	0450
16795	0426
16795	0450
16797	0287
16797	0574
16802	0947
16803	0791
16805	0141
16805	0499
16809	0790
16809	9527
16811	0737
16816	0793
16817	0687
16818	0448

Lester	Nº Zen
16821	0947
16823	0947
16825	0947
16826	0947
16827	0947
16828	0947
16829	0947
16830	9301
16831	0947
16832	0140
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16837	0947
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16843	0353
16843	0832
16845	0815
16845	9350
16858	0352
16859	0352
16874	0595
16877	0351
16878	0947
16879	0830
16880	0498
16881	9301
16883	0498
16892	0947
16893	9502
16893	9506
16895	0947
16900	0596
16901	0815
16901	9350
16902	0815
16902	9350
16905	9186
16906	0947
16906	9186
16911	0947
16913	0947
16914	0815
16914	9350
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16933	0596
16938	0352
16938	0450
16939	0595
16940	0352
16940	0450
16941	0352
16941	0450
16949	0228
16952	0482

Lester	Nº Zen
16953	0111
16954	0537
16954	0857
16956	0482
16957	0228
16960	0815
16960	9350
16961	0428
16963	0532
16963	0641
16966	0450
16971	0450
16971	0576
16974	0292
16975	0815
16976	0532
16978	9502
16980	0482
16981	9402
16982	0791
16984	0286
16984	0486
16986	0737
16990	9302
16991	0554
16992	0499
16997	0737
16998	0596
16999	0228
17002	0947
17003	0947
17005	0571
17006	0597
17007	9307
17009	0631
17010	0636
17011	0482
17013	0482
17013	0803
17016	0420
17016	0573
17020	0750
17020	9307
17023	0798
17025	0323
17027	0947
17027	9186
17028	9186
17030	0579
17030	0619
17031	0108
17037	0669
17037	0670
17038	0630
17039	0482

Lester	Nº Zen
17040	0572
17043	0857
17046	0597
17047	0575
17057	0517
17057	0519
17058	0341
17061	0108
17066	0229
17068	0613
17071	0150
17072	0150
17072	0155
17073	0105
17073	0301
17073	0308
17073	0315
17073	0367
17074	0105
17074	0225
17074	0301
17074	0308
17074	0315
17074	0367
17075	0312
17075	0366
17076	0105
17076	0301
17076	0308
17076	0315
17077	0419
17083	9307
17084	9349
17085	0656
17087	0376
17087	0684
17088	0539
17088	0792
17089	0376
17090	0376
17090	0684
17091	9307
17092	0648
17093	0310
17094	0087
17095	0635
17101	9186
17103	0434
17105	0312
17105	0366
17106	0105
17106	0301
17106	0308
17106	0315
17106	0367

Lester	Nº Zen
17108	0035
17108	0218
17110	9426
17111	0407
17112	0225
17112	0366
17113	0367
17113	0378
17113	0392
17114	0447
17118	9186
17120	0434
17122	0108
17124	0482
17125	0947
17126	0407
17127	0367
17129	9307
17131	0595
17132	0596
17134	0323
17134	0579
17135	0482
17136	0105
17136	0301
17136	0308
17136	0315
17136	0367
17138	0844
17138	9566
17140	0482
17143	0947
17144	0287
17146	0595
17147	0517
17147	0519
17148	0475
17149	0475
17150	0630
17152	0765
17157	0287
17157	0482
17159	0366
17160	0815
17160	9350
17161	0679
17163	0482
17164	0482
17165	0482
17166	0617
17170	1211
17171	0947
17176	0596
17178	0793
17180	0711

Lester	Nº Zen
17181	0450
17183	0573
17184	0105
17184	0301
17184	0308
17184	0315
17184	0367
17184	0648
17185	0595
17194	0617
17196	0687
17197	0750
17197	9307
17201	0815
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Lester	Nº Zen
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Lester	Nº Zen
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Lester	Nº Zen
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Lester	Nº Zen
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Lester	Nº Zen
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Lester	Nº Zen
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Lester	Nº Zen
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Lester	Nº Zen
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Lester	Nº Zen
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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
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TMB454	0420
TMB455	0482
TMB471	0228
TMB474	0639
TMB475	0851

Lucas	Nº Zen
TMB480	0108
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
220206	0826
220270	1133
221167	0823
221192	0458
221263	0287
221292	0656
221293	0787

Lucas Indiel	Nº Zen
221294	0747
221411	0323
221421	0068
221480	0108
221482	0065
221483	0111
221491	0709
221601	0213
221710	0010
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
222901	0440
223101	0006
223102	0020
223103	0028
223104	0035
223105	0036
223111	0097
223117	0348
223119	0520
223120	0575
223121	0729
223122	0745
223124	0786
223125	0799
223126	0837
223127	0846
223128	0866
223137	0013
223138	0015
223145	0032
223153	0051
223164	0064

Lucas Indiel	Nº Zen
223165	0067
223176	0080
223181	0088
223185	0093
223187	0096
223188	0101
223190	0110
223191	0112
223193	0117
223197	0133
223199	0140
223201	0144
223205	0150
223211	0182
223212	0188
223222	0228
223223	0243
223224	0248
223226	0286
223227	0291
223228	0293
223231	0315
223232	0319
223236	0352
223237	0376
223240	0394
223241	0395
223244	0404
223249	0420
223250	0448
223252	0450
223254	0453
223256	0460
223259	0475
223261	0482
223262	0486
223265	0496
223268	0509
223270	0533
223271	0540
223274	0579
223277	0603
223278	0610
223279	0612
223285	0631
223290	0720
223291	0732
223293	0748
223294	0770
223295	0796
223296	0805
223297	0806
223302	0838
223305	0855
223307	0779

Lucas Indiel	Nº Zen
223311	0366
223312	0367
223313	0378
223315	0571
223317	0131
223320	0223
223321	0292
223322	0351
223329	0532
223332	0641
223333	0752
223464	0184
223467	0189
223481	0215
223482	0216
223486	0222
223505	0245
223555	0304
223561	0310
223569	0320
223573	0325
223585	0341
223602	0362
223605	0365
223644	0426
223657	0447
223659	0454
223664	0461
223709	0528
223745	0570
223746	0572
223747	0573
223751	0580
223755	0584
223763	0594
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223766	0597
223782	0619
223787	0629
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223789	0633
223790	0634
223791	0635
223792	0636
223795	0639
223801	0646
223808	0657
223854	0706
223900	0775
223908	0784
223918	0797
223919	0798
223920	0800
223927	0809
223960	0852

Lucas Indiel	Nº Zen
223965	0861
223976	0875
223979	0879
224000	0900
224006	0906
224035	0935
224036	0936
224037	0937
224038	0938
224072	0972
224078	0978
224090	0990
224091	0991
224097	0997
224098	0998
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227326	0183
227327	0158
227330	0445
227331	0160
227332	0161
227336	0461
227339	0238
227344	0463
227632	0120
227783	0467
227785	0468
227796	0740
227814	0102
227816	0492
227824	0459
227911	0771
228042	0389
228099	0441
228131	0162
228133	0467
228134	0469
228135	0740
228136	0742
228137	0741
228138	0743
228139	0468
228141	0155
228204	0438
228205	0439
228229	0753
228266	0772
228384	0762
228396	0860
229023	1635
229278	1622
229902	1636
229912	1637
229916	1602
32557814	0102

Lucas Indiel	Nº Zen
35255553	0244
35255870	0102
35256654	0441
35256777	0238
35256861	0102
35257090	0162
35257326	0244
35257330	0445
35257331	0160
35257332	0161
35257336	0462
35257340	0162
35257521	0467
35257525	0468
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
35259916	1602
35260206	0826
35260290	0945
35260810	0978
35260832	1595
35260958	1604
35260975	1621
35260999	1623
35261112	1617
35261134	1603
35261299	1596
35261303	1092
35261527	1603
4A504187	0160
4A54440	0161
54291022	1475
583514243	0158

Magneti-Marelli	Nº Zen
51744826	0671
72138901	0407
72139001	0407
72139004	0910
72139007	0407
72159801	0601
72336117	1161
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

Magneti-Marelli	Nº Zen
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85540411	0786
85540411	1206
85540431	1117
85540451	1117
85540481	0395
85540491	0389
85540521	0394
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
9948333	1561

Magnetron	Nº Zen
443.937.150.860	0892

Mazda	Nº 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
H83318X45	0352

Mercedes Benz	Nº Zen
0001515813	0221
0001517013	0105
0001517013	1364
0011511813	1038
0011512113	1485
0011513213	1038

Mercedes Benz	Nº Zen
3431517113	0025
3431517113	0034

Mitsuba	Nº Zen
31204PD1003	0815
M191X68785	1563
SM13	0751

Mitsubishi	Nº Zen
12071	0595
19071	1538
75571	1047
93971	1063
K300	0144
K309	0340
K320	0144
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
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	Nº Zen
M191T33071	0144
M191T33371	0352
M191T34071	0352
M191T35171	0352
M191T35271	0426
M191T602052	0144
M191T602059	0144
M191T65571	0670
M191T66271	0669
M191T68771	1663
M191T76081	0801
M191X16771	1018
M191X16971	1018
M191X68071	1024
M191X68471	1035
M357T70171	1043
M357T70771	1043
M357T707971	1043
M357T71671	0957
M357T75571	1047
M357T76171	0957
M357X72672	1046
M605X26971	9791
M605X31971	12659
M605X31971	12658
M605X32471	9426
M605X36171	12660
M605X64571	12657
M8T50071	0887
M8T50171	0887
MD02052	0144
MD600679	0144
MD602052	0144
MD602059	0327
MD6020599	0144
MD602678	0144
MD602678	0327
MD602679	0144
MD604047	0184
MD604047	0341
MD604048	0184
MD604080	0184
MD607283	0352
MD607540	1043
MD607894	0450
MD608273	0352
MD611211	0595
MD611372	0450
ME700121	0957
MM502531	1043
SZ3132086030	0595

Motorcraft	Nº Zen
SDE-354	1019

Nashville	Nº Zen
4520100	0439

Nashville	Nº Zen
45210100	0438

Nikko	Nº Zen
0-230001030	0894
0-23000-1031	0894
0-23000-1050	0894
0-23000-1070	0894
0-23000-1071	0894
0-23000-1080	0894
1-23500-0010	0894

Nippondenso	Nº Zen
0280992700	0921
0280993088	9186
0280993090	9186
0280993210	9403
0280993230	9302
0280993270	9402
0280993310	9301
0280993380	9307
0280993400	9260
0280995590	12609
0280996011	12609
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0280996310	9349
0280996590	12609
0280998590	12609
0283000660	0140
0283000800	0327
0283000801	0327
0283000830	0341
0283000831	0341
028300085	0327
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0283000891	0549
0283000901	0140
0283000911	0140
0283001020	0184
0283001280	0434
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0283001540	0184
0283001542	0184
0283001600	0947
028300-1601	0947
028300-1602	0947
0283001603	9186
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0283001660	0434
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028300-1790	0947
028300-1791	0947
028300-1800	0947
0283001811	9349
0283001841	0946

Nippondenso	Nº Zen
0283001841	9260
0283001860	0813
0283001870	0342
0283001930	0339
0283001951	0140
028300-2000	0947
0283002011	9301
0283002100	0545
028300-2110	0947
028300-2111	0947
028300-2270	0947
0283003320	0341
0283003321	0341
0283003350	0140
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0283003590	0343
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028300-3631	0947
0283003690	9402
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0283004390	0576
0283004410	0498
0283005400	0841
028300-5430	10049
0283005450	9402
0283005720	0950
0283005800	0951
0283006000	0773
0283006190	9349
028300-6940	0947
0283006990	0818
0283007170	0818
028300-7530	0948
0283007711	0773
028300800	0327
028300-8100	10049
028300-8550	10049
028300-8600	10049
028301-0020	1211
028301-0060	1212
0283716490	9506
2801113060	0841
2801154070	1215
280996200	0459
283000010	1201
283004320	0765
283005820	0830
28300-6040	0967
283006070	0809
283006860	0750
283006960	0809
283007270	0816

Nippondenso	Nº Zen
283007720	0817
Nissan-Datsun	Nº Zen
212025001	0448
212045002	0448
23300H6000	0349
233120990	0141
2331210600	0141
2331210605	0141
2331210G00	0790
2331211M00	0790
23312-1E400	1021
2331221000	0141
2331221005	0141
23312-31U00	1016
23312-31U01	1017
2331236A00	0793
2331237502	0448
2331237504	0448
2331242670	0595
2331242L60	0634
2331243601	0141
23312-50Y01	1020
2331276201	0448
2331290J00	0863
2331293J00	1062
23312-AA050	1018
23312C0600	0429
23312D0100	0499
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

Nissan-Datsun	Nº Zen
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
23357-M4901	9528
23357N5900	9488
23357-W1700	9527
2354V0700	0790
4169960	0608
4226442	0608
4474695	0608
4475032	0608
Onan	Nº Zen
1911087	0427
1911953	0943
5586123	0204
5586123C	0121
Pal	Nº Zen
443937150171	0831
Paris-Rhone	Nº 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

Paris-Rhone	Nº Zen
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
95990	0215
97584	0463
99738	0571
99931	0287
99931	1187
Polaris	Nº Zen
3084981	0751
Prestolite	Nº Zen
2T0911335	1091
229278	1622
229912	1637
35259278	1622
35260875	1523
35260975	1621
35260999	1623
35261303	1092
59225	0879
M029095036	1214
PD13A	0879
PD71	0117
PD8A	0188
Remy	Nº Zen
0215002001	0850
0800026	0052
0800069	0182
0800071	0182
10451980	0770
10452348	10003
10452918	1614
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10456422	0020
10456455	0629
10456455	1194
10457056	0629
10457056	1194
10457057	0649

Remy	Nº Zen
10457057	1195
10457058	0650
10457058	1196
10457059	0651
10457059	1197
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
10500475	1482
10501804	10003
10503933	0985
1108481	0020
1109625	0110
1114087	0097
1838065	0135
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1972365	0054
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D2047	0610
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DR2003	0243
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Skoda	Nº Zen
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1722	0892
Subaru	Nº Zen
23300KA270	0517
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Suzuki	Nº Zen
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3132060A10	0617
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3132072031	0352
3132078310	0686
3132079030	0450
3132082010	0576
3132082130	0450
3132082139	0450
3132086030	0595
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11812010	9702
Thermo King	Nº Zen
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Toyota	Nº Zen
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2801122021	0327
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2801124020	0184
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2801174060	12609
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2810110710	0947
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UTMS	Nº Zen
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103066	0117
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182052	0936
182176	0961
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182848	0843
184448	0775
184917	0287
185182	0656
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185441	0747
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185915	1023
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186867	0787
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187981	1209
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188887	0787
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270327	0965
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583336	0574
594029	0775
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594042	0961
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D7E15	0843

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NE 212	0657
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NE156	0217
NE173	0285
NE180	0189
NE184	0248
NE197	0287
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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
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NE832	0961
NE834	1023
NE875	0787
NE877	1209
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NE885	1162
NE949	0965
NE971	0843
SS260300	1064
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Visteon	Nº Zen
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STRC019	0959

Volga	Nº Zen
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4211.3708.600-08	1176
42163708-01	1175
42163708-07	1176

Volkswagen	Nº Zen
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04053926	1364
04128642	0024
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052911335	0068
055911335B	0323
056911335	0068
056911335A	0068
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1006209760	1480
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111911335B	0006
113911335C	0131
2431807	0036
3059112875	0348
3059113353	0065
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78MU11350A	0108
80415	0015
85357	0044
9307667	0046
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BD0A11350A	0056
BD5M11350A	0293
BD5T11350A	0085
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BD7D11350A	0082
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TE5H11350A	0505
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5481201	9702
5481581	1608

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224001	0005
224002	0022
224004	0024
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224010	0025
224011	0193
224012	0192
224014	0049
224016	0056
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224026	0085
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224033	0045
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224035	0104
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Wapsa	Nº Zen
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224047	0328
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224052	0294
224053	0293
224054	0505
224055	0529
224056	1190
224057	0622
2244	0024
2244	1359
2244036	0024
2244036	1359
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10121	0184
10127	0144
10501	0184
10502	0327
10504	0184
10639	0625
10640	0624
10671	0890
480115	0188
480321	0110
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480410	0117
480411	0097
480417	0182
480466	0013

Yamaha	Nº Zen
6K8818071000	0749
6M68183E0000	0749



Busca - Número Motor para Número Zen

Search - Motor Number for Zen P/N#

Búsqueda - Número del Motor para el Número Zen

Ace	41	Leece-Neville	55
AES	41	Lucas	55
AES New	41	Lucas Indiel	57
AIM	41	Lucas Reman	57
Allis Chalmers	41	Magneti-Marelli	57
Amsco	41	Man	58
Arc	41	Mando	58
Arrowhead	41	Mazda	58
Autolite-Prestolite	41	Mercedes Benz	59
Beck Arnley	41	Mercury Marine	59
Bosch	41	Mitsuba	59
Bosch Reman	49	Mitsubishi	59
Boston Auto	49	Motorcraft	61
Cargo	49	Napa	61
Case	49	Nastra	61
Caterpillar	49	Nippondenso	61
CBT	49	Nissan-Datsun	64
Chrysler	49	NSA	65
Cummins	49	Onan	65
Daewoo	50	Paris-Rhone	65
Daihatsu	50	Prestolite	66
Dixie	50	RCP	66
Dubois	50	Remy	66
Ducellier	50	Romaine	70
Efel	50	Subaru	70
Facet	50	Suzuki	70
Femsa	50	Thermo King	70
Fiat	50	Tigershark	70
Ford	51	Toyota	70
General Motors	52	TRW	71
Harley-Davidson	52	United Technologies	71
Hitachi	52	UTMS	71
Honda	54	Valeo	71
Ingersoll-Rand	54	Visteon	71
Ishikawjima	54	Volga	71
Iskra	54	Volkswagen	71
Isuzu	54	Volvo	71
Italacciai	55	W.A.I.	72
Iveco	55	Wapsa	72
J&N	55	Whatcom	72
John Deere (SLC)	55	Wilson	72
Johnson Electric	55	Woodauto	72
Kubota	55	Worldwide	72

Ace	Nº Zen
CM7228	9823
AES	Nº Zen
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AES New	Nº Zen
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6652N	9823
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Amsco	Nº Zen
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0001110110	1487
0001110112	1037
0001110113	0630
0001110120	1474
0001110122	0482
0001110128	0482
0001110999	0800
000112003	0579
000112005	0482
000112007	0482
000112008	0482
000112009	0520
000112012	0520
000112013	0482
000112015	0482
000112016	0520
000112020	0520

Bosch	Nº Zen
0001112021	0482
0001112027	0482
0001112028	0482
0001112029	0482
0001112033	0520
0001112041	0976
0001112044	0976
0001113001	0482
0001113003	0520
0001113004	0482
0001113005	0520
0001113007	0482
0001113009	0520
0001113010	0938
0001113013	0482
0001113017	0938
0001114003	0482
0001114005	0579
0001114008	0520
0001114009	0900
0001114010	0900
0001114014	0520
0001114015	0482
0001114016	0482
0001114017	0520
0001114020	0520
0001114021	0520
0001114022	0520
0001115001	1037
0001115002	0925
0001115005	1485
0001115006	0976
0001115007	0925
0001115008	1031
0001116001	1153
0001116003	0976
0001121006	1108
0001121007	1108
0001121008	1069
0001121009	1069
0001121010	1108
0001121011	1108
0001121016	1069
0001121018	1069
0001124001	0937
0001124003	0932
0001124005	0937
0001124006	0937
0001124011	0972
0001124013	0932
0001125001	0937
0001125002	0937
0001125003	0972
0001125005	0932
0001125006	0932

Bosch	Nº Zen
0001125007	0937
0001125008	0937
0001125011	0937
0001125012	0937
0001125013	0937
0001125031	0937
0001125039	0972
0001125501	1480
0001125502	1480
0001125503	1480
0001125504	1480
0001125511	1480
000114004	0482
0001157013	0325
0001157021	0325
0001157023	0325
0001157024	0108
0001157025	0108
0001157028	0108
0001157029	0108
0001157030	0108
0001160003	0131
0001160013	0131
0001201009	0015
0001201010	0015
0001203008	0015
0001203016	0044
0001203016	0227
0001203024	0015
0001203025	0015
0001203026	0015
0001205005	0006
0001205012	0006
0001205016	0006
0001205017	0015
0001207003	0223
0001207006	0223
0001207010	0080
0001207012	0223
0001207014	0223
0001207015	0223
0001207016	0131
0001207018	0131
0001207019	0131
0001208001	0080
0001208003	0080
0001208004	0223
0001208006	0223
0001208007	0223
0001208009	0080
0001208011	0080
0001208023	0080
0001208025	0080
0001208026	0080
0001208030	0080

Bosch	Nº Zen
0001208032	0223
0001208033	0080
0001208036	0080
0001208038	0080
0001208040	0068
0001208040	0307
0001208046	0080
0001208047	0080
0001208049	0220
0001208050	0080
0001208053	0068
0001208054	0068
0001208055	0068
0001208055	0307
0001208058	0080
0001208059	0080
0001208061	0080
0001208200	0108
0001208201	0108
0001208202	0108
0001208204	0361
0001208206	0108
0001208208	0108
0001208209	0108
0001208211	0108
0001208216	0108
0001208217	0108
0001208218	0111
0001208220	0222
0001208223	0222
0001208224	0108
0001208225	0108
0001208226	0108
0001208227	0108
0001208228	0108
0001208229	0108
0001208232	0222
0001208233	0108
0001208400	0108
0001208405	0108
0001208408	0111
0001208409	0222
0001208411	0323
0001208412	0323
0001208416	0323
0001208417	0323
0001208418	0323
0001208423	0222
0001208501	0482
0001208507	0482
0001208510	0482
0001208513	0520
0001208514	0520
0001208515	0482
0001208516	0482

Bosch	Nº Zen
0001208517	0482
0001208518	0482
0001208521	0520
0001208528	0482
0001208705	0482
0001208706	0520
0001208707	0482
0001208709	0482
0001208710	0482
0001208711	0482
0001208713	0482
0001208714	0482
0001208715	0520
0001208717	0482
0001208718	0520
0001209001	0223
0001209002	0080
0001209003	0080
0001209006	0223
0001209008	0080
0001209012	0080
0001209014	0223
0001211006	0080
0001211010	0080
0001211012	0131
0001211018	0080
0001211020	0223
0001211025	0307
0001211146	0857
0001211206	0220
0001211207	0108
0001211209	0068
0001211210	0068
0001211213	0068
0001211214	0068
0001211215	0108
0001211216	0068
0001211217	0068
0001211218	0068
0001211219	0068
0001211220	0068
0001211221	0229
0001211222	0229
0001211223	0323
0001211224	0323
0001211227	0222
0001211228	0222
0001211229	0108
0001211230	0068
0001211233	0068
0001211234	0068
0001211235	0068
0001211236	0068
0001211239	0222
0001211242	0108

Bosch	Nº Zen
0001211244	0068
0001211245	0068
0001211246	0111
0001211247	0068
0001211248	0068
0001211249	0068
0001211251	0229
0001211252	0229
0001211253	0229
0001211254	0229
0001211255	0323
0001211256	0323
0001211257	0323
0001211258	0323
0001211500	0482
0001211501	0482
0001211502	0482
0001211503	0482
0001211504	0482
0001211505	0482
0001211510	0482
0001211512	0520
0001211513	0520
0001211514	0482
0001211515	0520
0001211525	0482
0001211536	0482
0001211987	0307
0001211988	0307
0001211989	0220
0001211991	0080
0001211992	0065
0001211992	0323
0001211993	0065
0001211993	0323
0001211995	0307
0001211996	0307
0001211998	0323
0001212006	0325
0001214001	0223
0001217174	0875
0001218001	0631
0001218002	0632
0001218004	0631
0001218005	0631
0001218006	0572
0001218007	0706
0001218008	0631
0001218009	0573
0001218010	0631
0001218011	0573
0001218012	0631
0001218013	0631
0001218014	0875
0001218015	0632



ZEN
 BUSCA - Nº MOTOR PARA Nº ZEN - SEARCH - MOTOR NUMBER FOR ZEN P/N # - BÚSQUEDA - Nº DEL MOTOR PARA EL Nº ZEN

Bosch	Nº Zen
0001218016	0572
0001218017	0631
0001218018	0631
0001218019	0875
0001218021	0572
0001218022	0632
0001218023	0706
0001218024	0875
0001218025	0631
0001218026	0573
0001218027	0573
0001218028	0573
0001218029	0572
0001218101	0875
0001218102	0875
0001218103	0875
0001218105	1171
0001218106	0632
0001218107	0631
0001218108	0572
0001218109	0572
0001218110	0572
0001218115	0631
0001218116	0851
0001218120	0631
0001218125	0706
0001218126	0706
0001218128	1171
0001218129	0632
0001218135	0573
0001218136	0573
0001218157	1072
0001218159	0875
0001218162	1071
0001218165	1071
0001218166	1170
0001218168	0861
0001218172	0929
0001218174	0875
0001218177	0573
0001219001	0572
0001219004	0631
0001219007	0572
0001219008	0631
0001219009	0572
0001223001	1643
0001223002	1472
0001223003	1158
0001223005	1629
0001223006	1629
0001223007	1158
0001223010	1022
0001223013	1022
0001223500	1026
0001223503	1624

Bosch	Nº Zen
0001223504	1624
0001223505	1027
0001223555	1027
0001230001	1038
0001230004	1159
0001230006	1038
0001230007	1038
0001230007	1157
0001230008	1159
0001230009	1157
0001230010	1157
0001231002	1038
0001231003	1038
0001231004	1160
0001231005	1038
0001231008	1178
0001231009	1159
0001231010	1157
0001231011	1157
0001231012	1159
0001231014	1179
0001304002	0015
0001304012	0015
0001304013	0015
0001305008	0015
0001305016	0044
0001305016	0227
0001308006	0044
0001308006	0227
0001310005	0223
0001310010	0223
0001310013	0223
0001310016	0080
0001311001	0080
0001311007	0223
0001311013	0080
0001311016	0223
0001311019	0080
0001311023	0080
0001311024	0080
0001311025	0223
0001311027	0080
0001311028	0080
0001311030	0080
0001311031	0080
0001311032	0080
0001311034	0080
0001311036	0080
0001311037	0080
0001311038	0362
0001311039	0080
0001311041	0068
0001311042	0300
0001311045	0223
0001311046	0068

Bosch	Nº Zen
0001311048	0362
0001311049	0068
0001311050	0638
0001311051	0638
0001311100	0361
0001311101	0108
0001311103	0108
0001311104	0108
0001311105	0108
0001311106	0108
0001311107	0108
0001311108	0108
0001311109	0108
0001311110	0108
0001311112	0108
0001311113	0222
0001311114	0108
0001311116	0111
0001311117	0108
0001311118	0108
0001311119	0111
0001311120	0108
0001311121	0108
0001311122	0108
0001311123	0111
0001311124	0108
0001311125	0108
0001311126	0108
0001311127	0108
0001311128	0361
0001311129	0111
0001311130	0111
0001311131	0108
0001311132	0108
0001311133	0111
0001311136	0108
0001311137	0108
0001311139	0108
0001311140	0108
0001311141	0108
0001311143	0108
0001311145	0108
0001311146	0361
0001311147	0108
0001313001	0080
0001313003	0221
0001313004	0139
0001313004	0221
0001313005	0221
0001313006	0221
0001313007	0221
0001314001	0300
0001314002	0221
0001314005	0221
0001314010	0638

Bosch	Nº Zen
0001314012	0065
0001314012	0323
0001314013	0323
0001314014	0068
0001314015	0068
0001314017	0417
0001314018	0108
0001314025	0361
0001314026	0857
0001314027	0361
0001314027	0857
0001314028	0857
0001314029	0361
0001314029	0857
0001314030	0857
0001314033	0361
0001314033	0857
0001314034	0361
0001314034	0857
0001314035	0361
0001314035	0857
0001314036	0361
0001314036	0857
0001314037	0857
0001314038	0361
0001314038	0857
0001314047	0931
0001316004	0420
0001316004	0857
0001316012	0931
0001317007	0420
0001317008	0420
0001317009	0406
0001317010	0406
0001317011	0428
0001317012	0428
0001317013	0420
0001317016	0428
0001317017	0428
0001317018	0406
0001317022	0420
0001317023	0633
0001317024	0781
0001317025	0420
0001352003	0015
0001354006	1076
0001354010	0226
0001354010	0227
0001354012	1076
0001354016	0028
0001354021	1076
0001354025	1076
0001354026	0224
0001354029	0227
0001354032	0224

Bosch	Nº Zen
0001354034	0227
0001354036	0227
0001354040	0227
0001354041	1076
0001354046	0227
0001354048	1076
0001354049	0227
0001354055	1076
0001354064	0028
0001354065	0227
0001354068	1076
0001354076	0028
0001354080	0318
0001354082	0318
0001354084	0105
0001354084	1364
0001354085	1076
0001354087	1076
0001354088	0318
0001354091	0318
0001354092	0318
0001354093	0318
0001354097	0318
0001354099	0318
0001354100	0318
0001354103	0318
0001355004	0227
0001355009	1076
0001355014	0318
0001355015	0318
0001358017	0225
0001358018	0226
0001358020	0226
0001358027	0226
0001358030	0034
0001358033	0226
0001358038	0225
0001358046	0225
0001358047	0225
0001358049	0301
0001358051	0101
0001358201	0313
0001358202	0313
0001359001	0101
0001359002	0302
0001359003	0101
0001359004	0392
0001359006	0101
0001359006	0316
0001359007	0101
0001359008	0118
0001359008	0302
0001359009	0302
0001359010	0101
0001359011	0302

Bosch	Nº Zen
0001359012	0301
0001359014	0301
0001359016	0304
0001359019	0101
0001359020	0302
0001359021	0460
0001359024	0101
0001359025	0301
0001359027	0301
0001359031	0105
0001359031	1364
0001359034	0302
0001359040	0101
0001359043	0301
0001359050	0101
0001359053	0392
0001359055	0105
0001359055	1364
0001359056	0392
0001359057	0105
0001359057	1364
0001359060	0392
0001359062	0105
0001359062	1364
0001359064	0118
0001359067	0118
0001359067	0661
0001359069	0661
0001359071	0105
0001359071	1364
0001359072	0105
0001359072	1364
0001359073	0105
0001359073	1364
0001359074	0105
0001359074	1364
0001359075	0392
0001359076	0392
0001359077	0308
0001359081	0661
0001359082	0661
0001359083	0105
0001359083	1364
0001359084	0105
0001359084	1364
0001359087	0105
0001359087	1364
0001359089	0105
0001359089	1364
0001359090	0497
0001359091	0105
0001359091	1364
0001359097	0105
0001359097	1364
0001359099	0392

Bosch	Nº Zen
0001359100	0105
0001359100	1364
0001359101	0105
0001359101	1364
0001359104	0661
0001359106	0392
0001359108	0392
0001359109	0661
0001359110	0661
0001359111	0105
0001359111	1364
0001359112	0392
0001359113	0105
0001359113	1364
0001359118	0105
0001359118	1364
0001359119	0105
0001359119	1364
0001359122	0315
0001359124	0392
0001360002	0101
0001360002	0316
0001360003	0101
0001360004	0105
0001360004	1364
0001360009	0101
0001360013	0302
0001360016	0101
0001360020	0302
0001360025	0105
0001360025	1364
0001360027	0105
0001360027	1364
0001360029	0392
0001360030	0105
0001360030	1364
0001360031	0105
0001360031	1364
0001360032	0105
0001360032	1364
0001360033	0392
0001360034	0105
0001360034	1364
0001360035	0105
0001360035	1364
0001360036	0105
0001360036	1364
0001360037	0105
0001360037	1364
0001360038	0105
0001360038	1364
0001360039	0105
0001360039	1364
0001360040	0105
0001360040	1364

Bosch	Nº Zen
0001360041	0392
0001360042	0392
0001360043	0315
0001360046	0105
0001360046	1364
0001360047	0105
0001360047	1364
0001360049	0105
0001360049	1364
0001360050	0118
0001360054	0392
0001360055	0661
0001360056	0105
0001360056	1364
0001360057	0105
0001360057	1364
0001360059	0105
0001360059	1364
0001360061	0105
0001360061	1364
0001360063	0315
0001360064	0392
0001360065	0105
0001360065	1364
0001362001	0319
0001362002	0319
0001362003	0319
0001362004	0319
0001362012	0312
0001362013	0312
0001362016	0312
0001362017	0312
0001362021	0312
0001362024	0312
0001362027	0319
0001362028	0319
0001362029	0319
0001362030	0319
0001362032	0310
0001362033	0312
0001362034	0366
0001362035	0447
0001362036	0366
0001362037	0320
0001362038	0228
0001362039	0291
0001362040	0366
0001362041	0366
0001362042	0447
0001362045	0365
0001362046	0366
0001362047	0228
0001362048	0677
0001362049	0677
0001362050	0366



BUSCA - Nº MOTOR PARA Nº ZEN - SEARCH - MOTOR NUMBER FOR ZEN P/N # - BÚSQUEDA - Nº DEL MOTOR PARA EL Nº ZEN

Bosch	Nº Zen
0001362051	0367
0001362053	0366
0001362059	0447
0001362061	0365
0001362062	0291
0001362063	0367
0001362064	0378
0001362069	0228
0001362070	0228
0001362071	0320
0001362072	0366
0001362073	0291
0001362074	0366
0001362075	0366
0001362076	0366
0001362077	0228
0001362078	0228
0001362079	0365
0001362081	0460
0001362083	0228
0001362084	0677
0001362085	1003
0001362086	0365
0001362091	0366
0001362092	0447
0001362093	0419
0001362094	1005
0001362095	0447
0001362096	0367
0001362097	0367
0001362100	0677
0001362102	0291
0001362104	1004
0001362105	1624
0001362300	0367
0001362301	0378
0001362302	0418
0001362303	0378
0001362304	0378
0001362305	0366
0001362306	0367
0001362307	0528
0001362308	0366
0001362309	0367
0001362311	0366
0001362312	0635
0001362313	0366
0001362314	0366
0001362316	0635
0001362319	0635
0001362321	0635
0001362322	0291
0001362323	0291
0001362324	0418
0001362600	0228

Bosch	Nº Zen
0001362601	0228
0001362602	0460
0001362603	0460
0001362605	0228
0001362606	0460
0001362607	0460
0001362700	0764
0001363002	0312
0001363002	0366
0001363101	0310
0001363104	0365
0001363105	0447
0001363106	1180
0001363107	0366
0001363109	0366
0001363110	0366
0001363111	0291
0001363112	0366
0001363113	0366
0001363115	0366
0001363116	0367
0001363117	0447
0001363118	0378
0001363120	1180
0001363122	0291
0001363125	0447
0001363126	0365
0001364100	0308
0001364101	0392
0001364102	0392
0001364103	0392
0001364104	0392
0001364105	0308
0001364108	0105
0001364108	1364
0001364203	0760
0001364206	0760
0001365004	0308
0001365005	0118
0001365007	0105
0001365007	1364
0001365008	0105
0001365008	1364
0001366001	0366
0001366004	0366
0001366005	1005
0001366006	1005
0001366008	0378
0001366009	0366
0001366011	0447
0001366012	0447
0001366013	1005
0001366014	0366
0001366015	0366
0001366017	0366

Bosch	Nº Zen
0001366018	0367
0001366019	0538
0001366020	0366
0001366021	0367
0001366022	0366
0001366024	0447
0001366026	1001
0001366027	0447
0001367001	0367
0001367002	0418
0001367004	0367
0001367005	0367
0001367006	0419
0001367007	0367
0001367008	0378
0001367009	0378
0001367010	0367
0001367011	0367
0001367012	0367
0001367013	0378
0001367014	0367
0001367015	0378
0001367017	0418
0001367018	0378
0001367019	0367
0001367020	0418
0001367021	0367
0001367022	0419
0001367023	0367
0001367024	0378
0001367026	0367
0001367027	0367
0001367028	0648
0001367029	0648
0001367030	0367
0001367031	0367
0001367032	0378
0001367033	0367
0001367034	0367
0001367035	0419
0001367037	0635
0001367039	0367
0001367041	0419
0001367042	0419
0001367043	0378
0001367045	0367
0001367046	0367
0001367047	0418
0001367048	0418
0001367049	0367
0001367050	0367
0001367051	0418
0001367052	0367
0001367054	0814
0001367055	0419

Bosch	Nº Zen
0001367056	0419
0001367057	0418
0001367059	0367
0001367061	0784
0001367063	0419
0001367066	0418
0001367067	0378
0001367068	0367
0001367070	0418
0001367071	0418
0001367072	0970
0001367074	0367
0001367300	0367
0001367301	0367
0001367302	0418
0001368001	0367
0001368002	0367
0001368003	0367
0001368005	0367
0001368006	0378
0001368007	0367
0001368008	0367
0001368009	0378
0001368010	0367
0001368011	0367
0001368012	0367
0001368013	0367
0001368014	0367
0001368015	0378
0001368017	0367
0001368018	0367
0001368019	0648
0001368020	0648
0001368021	0367
0001368022	0367
0001368023	0418
0001368024	0367
0001368025	0378
0001368026	0419
0001368027	0419
0001368028	0367
0001368030	0367
0001368031	0367
0001368032	0367
0001368033	0367
0001368034	0418
0001368035	0367
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0001368038	0419
0001368039	0378
0001368040	0418
0001368041	0378
0001368043	0538
0001368044	0418
0001368046	0378

Bosch	Nº Zen
0001368047	0367
0001368049	0378
0001368050	0378
0001368051	0419
0001368052	0418
0001368055	0367
0001368058	0378
0001368059	0635
0001368060	0418
0001368062	0367
0001368063	0367
0001368068	0418
0001368069	0970
0001368070	0418
0001368071	0378
0001368072	0418
0001368076	0418
0001368077	1002
0001368082	0418
0001368083	0970
0001368300	0367
0001368301	0367
0001368302	0367
0001368306	0418
0001368307	0367
0001368309	0367
0001369001	0635
0001369005	0635
0001369007	0970
0001369009	0378
0001369014	0366
0001369019	0970
0001369025	0970
0001370001	1190
0001371004	0920
0001371005	0920
0001371006	0920
0001371008	0920
0001371009	0920
0001372001	0920
0001400152	0035
0001401002	0036
0001401007	0035
0001401025	0035
0001401041	0035
0001401044	0036
0001401045	0036
0001401046	0036
0001401049	0035
0001401050	0035
0001401051	0035
0001401052	0035
0001401061	0035
0001401066	0035
0001401074	0035

Bosch	Nº Zen
0001402002	0036
0001402008	0035
0001402050	0035
0001402051	0036
0001402052	0036
0001402053	0036
0001402054	0035
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0001402057	0036
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0001402071	0035
0001402075	0035
0001402080	0035
0001402081	0035
0001402083	0035
0001410015	0218
0001410016	0218
0001410019	0087
0001410021	0122
0001410021	0133
0001410021	0218
0001410022	0218
0001410026	0078
0001410027	0078
0001410029	0218
0001410032	0087
0001410034	0087
0001410035	0078
0001410037	0087
0001410041	0122
0001410041	0133
0001410041	0218
0001410043	0218
0001410044	0087
0001410046	0087
0001410047	0078
0001410050	0087
0001410052	0218
0001410058	0218
0001410062	0087
0001410063	0087
0001410063	0122
0001410063	0133
0001410067	1181
0001410068	1181
0001410069	0087
0001410074	0087
0001410077	0087
0001410078	0218
0001410083	0218
0001410087	0087
0001410088	0218

Bosch	Nº Zen
0001410089	0122
0001410089	0133
0001410089	0218
0001410090	0218
0001410094	0078
0001410098	0087
0001410102	0087
0001410106	0087
0001410111	0087
0001410115	0087
0001410116	1181
0001411005	0087
0001411007	0088
0001411009	0218
0001411010	0087
0001411012	0087
0001411013	0087
0001411014	0218
0001411015	0087
0001411016	0087
0001411036	0087
0001413001	0218
0001413004	0218
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0001413010	0218
0001413018	0087
0001414003	0218
0001414008	0087
0001414009	0218
0001414010	0218
0001414011	0218
0001414015	0218
0001414018	0218
0001414019	0087
0001414022	0218
0001415001	0218
0001415002	0218
0001415006	0218
0001415007	0078
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0001415013	0087
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0001415020	1181
0001415027	0218
0001416002	0218
0001416003	0087
0001416004	0078
0001416005	0087
0001416009	0087
0001416013	0218
0001416017	0218
0001416022	0218

Bosch	Nº Zen
0001416023	0218
0001416024	0218
0001416026	0218
0001416028	0218
0001416061	0089
0001416071	0087
0001417001	0218
0001417016	0087
0001417023	0087
0001417028	0218
0001417036	0218
0001417042	0087
0001417047	0087
0001417055	0087
0001417065	0089
0001417068	0087
0001417075	0089
0001418010	0087
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0001420005	0117
0001420009	0117
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0001421002	0117
0001421003	0117
0001421004	0117
0001421006	0117
0001421008	0117
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0001501003	0036
0001501005	0037
0001501020	0036
0001501032	0036
0001501036	0037
0001501038	0035
0001510020	1111
0001510025	1111
0001510031	1111
0001510032	1111
0001510037	1111
0001510038	1111
0986016950	1643
0986021240	1641
6004AA0003	1545
6004AA0008	1545
6004AA0017	1467
6004AA0027	1545
6004AA3009	1470
6033AD0J00	1550



Bosch	Nº Zen
9000453072	0668
9000453080	0668
90000143101	0302
9000062014	0108
9000081001	0729
9000081002	0729
9000081003	0837
9000081004	0745
9000081005	0855
9000081006	0866
9000081007	0866
9000081008	0855
9000081009	0846
9000081010	0933
9000082000	0006
9000082001	0015
9000082003	0191
9000082004	0062
9000082005	0044
9000082006	0046
9000082009	0065
9000082010	0044
9000082012	0080
9000082013	0077
9000082015	0015
9000082017	0115
9000082020	0034
9000082020	0077
9000082021	0111
9000082022	0046
9000082023	0080
9000082024	0108
9000082025	0108
9000082028	0163
9000082029	0077
9000082030	0068
9000082032	0065
9000082033	0108
9000082034	0065
9000082035	0108
9000082036	0108
9000082039	0111
9000082040	0060
9000082040	0111
9000082041	0108
9000082042	0108
9000082043	0108
9000082045	0068
9000082046	0065
9000082047	0065
9000082048	0108
9000082049	0065
9000082050	0108
9000082051	0108
9000082053	0111

Bosch	Nº Zen
9000082054	0108
9000082055	0108
9000082058	0108
9000082059	0108
9000082061	0111
9000082062	0323
9000082063	0108
9000082064	0108
9000082065	0108
9000082066	0111
9000082067	0108
9000082069	0108
9000082070	0111
9000082071	0108
9000082073	0065
9000082074	0108
9000082075	0108
9000082076	0108
9000082077	0065
9000082078	0108
9000082079	0111
9000082080	0111
9000082083	0111
9000082085	0111
9000083000	0043
9000083001	0034
9000083002	0059
9000083003	0060
9000083004	0061
9000083011	0034
9000083012	0034
9000083013	0060
9000083014	0034
9000083015	1076
9000083018	0034
9000083019	0060
9000083020	0034
9000083024	0092
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9000083027	0105
9000083027	1364
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9000083028	1364
9000083029	0034
9000083030	0059
9000083031	0105
9000083031	1364
9000083035	0118
9000083036	0105
9000083036	1364
9000083038	0118
9000083039	0303
9000083040	0060
9000083041	0118
9000083042	0118

Bosch	Nº Zen
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9000083045	0105
9000083045	1364
9000083046	0105
9000083046	1364
9000083050	0105
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9000083051	0118
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9000083069	0496
9000083071	0497
9000083072	0668
9000083074	0105
9000083074	1364
9000083075	0497
9000083076	0497
9000083077	0748
9000083077	1372
9000084007	0089
9000084007	0122
9000084007	0133
9000084008	0088
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9000084008	0133
9000084009	0089
9000084009	0122
9000084009	0133
9000084010	0087

Bosch	Nº Zen
9000084010	0122
9000084010	0133
9000084011	0087
9000084011	0122
9000084011	0133
9000084012	0087
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9000084012	0133
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9000084014	0087
9000084014	0122
9000084014	0133
9000084015	0122
9000084015	0133
9000084016	0133
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9000084023	0088
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9000084024	0089
9000084026	0089
9000085004	0036
9000141100	0325
9000141101	0325
9000141103	0325
9000141107	0325
9000141108	0325
9000141111	0325
9000141112	0325
9000141114	0325
9000141116	0108
9000142001	0108
9000142002	0108
9000142003	0108
9000142100	0111
9000142102	0108
9000143204	1005

Bosch	Nº Zen
9000143305	0392
9000143408	0228
9000143412	0418
9000143415	0418
9000143416	0418
9000331201	1070
9000331203	1070
9000331406	1174
9000331411	1172
9000331414	1072
9000331418	0838
9000331419	0796
9000331421	1173
9000331424	1173
9000331428	1173
9000331432	0861
9000331433	0861
9000333104	0482
9000333105	0108
9000333106	0482
9000333109	0482
9000333114	0482
9000333117	0482
9000334102	0108
9000334104	0325
9000451001	0293
9000451004	0328
9000451010	0293
9000451011	0329
9000451012	0328
9000451017	0293
9000451024	0293
9000452002	0529
9000452003	0348
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9000453004	1359
9000453005	0024
9000453005	1359
9000453006	0024
9000453006	1359
9000453007	0186
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9000453009	1359
9000453011	0024
9000453011	1359
9000453012	0085
9000453012	1361
9000453013	0125
9000453014	0024
9000453014	1359
9000453015	0024

Bosch	Nº Zen
9000453015	1359
9000453016	0024
9000453016	1359
9000453017	0024
9000453017	1359
9000453018	0084
9000453019	0024
9000453019	1359
9000453024	0505
9000453025	0070
9000453027	0085
9000453027	1361
9000453028	0024
9000453028	1359
9000453029	1190
9000453032	0024
9000453032	1359
9000453033	0085
9000453033	1361
9000453034	0024
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9000453042	1359
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9000453047	1359
9000453048	0125
9000453049	0024
9000453049	1359
9000453050	0024
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9000453052	0024
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9000453053	0081
9000453053	0084
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9000453054	1359
9000453055	0056
9000453057	0505
9000453059	0024
9000453059	1359
9000453061	0024
9000453061	1359
9000453062	0085

Bosch	Nº Zen
9000453062	1361
9000453064	0622
9000453065	0622
9000453066	1190
9000453067	0622
9000453068	0622
9000453073	0118
9000453074	0105
9000453074	1364
9000453075	0497
9000453076	0497
9000453082	0105
9000453083	0105
9000453086	0118
9000453088	0315
9000453089	0392
9000453090	0315
9000453091	0315
9002453078	0496
900453089	1224
99451753	0875
9967600004	0035
9967600005	0036
F000AL0100	0855
F000AL0101	1469
F000AL0103	0745
F000AL0104	1469
F000AL0105	1168
F000AL0106	1547
F000AL0107	1168
F000AL0108	1155
F000AL0111	1562
F000AL0300	0846
F000AL0301	0942
F000AL0302	1471
F000AL0304	0837
F000AL0305	0846
F000AL0306	0989
F000AL0309	0837
F000AL0310	0837
F000AL0314	0837
F000AL0400	1177
F000AL0401	1222
f000al0502	1223
F000AL102	0998
F000AL0302	0622
F000AL0700	0118
F005M00012	0919
F005M00014	0919
F005M00016	1540
F005M00024	0745
F006AL0602	0497
F010AL0101	0800
F010AL0103	0866
F010AL0301	0846

Bosch	Nº Zen
NN9	0015
Bosch Reman	Nº Zen
SR1319X	1548
SR7593X	9823
SR97X	9702
Boston Auto	Nº Zen
3191-181	1548
Cargo	Nº Zen
111120	9702
112609	9823
113617	1548
Case	Nº Zen
114799A1	0970
91902C1	0434
A162469	0434
A181642	0970
A187597	0970
P941519Q	0970
Caterpillar	Nº Zen
4N0241	0434
4N4405	0930
7M8651	0110
7N0923	0434
9G6941	0434
CBT	Nº Zen
21013708000	0213
210803708010	0540
Chrysler	Nº 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
Cummins	Nº Zen
3283312	0970
3283812	0970

ZEN



BUSCA - Nº MOTOR PARA Nº ZEN - SEARCH - MOTOR NUMBER FOR ZEN P/N # - BÚSQUEDA - Nº DEL MOTOR PARA EL Nº ZEN

Daewoo	Nº Zen
31100A78B00	1048
Daihatsu	Nº Zen
2810072010	0947
Dixie	Nº Zen
52100	9823
56106	9702
S-80011	1548
Dubois	Nº Zen
916584	9702
Ducellier	Nº 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
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

Ducellier	Nº Zen
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
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

Ducellier	Nº Zen
6247	0189
6247AB	0189
Efel	Nº Zen
22202	0035
Facet	Nº Zen
26211M/T	0064
Femsa	Nº 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
MTS121	0120
MTS1222	0120
MTS1223	0120
MTS1229	0120
MTS1234	0120
MTS1239	0120
MTS1242	0120
MTS1247	0120
MTS1248	0120
MTS12P19	0120
MTS12P2	0120
MTS12P20	0120
MTS12P29	0120
MTS12V13	0120
MTS12V25	0120
MTV124	0451
MTV126	0451
MTV128	0451
Fiat	Nº Zen
131955508	1025
4064058	0713
4085959	0533
4085977	0533
4104783	0953
4117351	0768
4117464	0768
4127580	0035
4142222	0120
4142223	0120
4143828	0120
4152196	0120

Fiat	Nº Zen
4156064	0213
4162784	0213
4169095	0315
4169096	0315
4169912	0608
4172004	0608
4172113	0608
4181961	0120
4187587	0608
4187590	0608
4198226	0120
4198227	0120
4198600	0120
4198601	0120
4204698	0120
4204699	0120
4206634	0213
4229113	0120
4229114	0120
4231018	0608
4232191	0608
4234741	0608
4269114	0608
4285916	0213
4294494	0213
4294495	0213
4392461	0857
4470377	0111
4470378	0389
4474599	0213
4474714	0213
4474746	0213
4474747	0213
4474762	0213
4474805	0120
4474917	0120
4474976	0213
4474979	0213
4475025	0213
4475130	0213
46417006	0779
46429594	0779
46454895	1630
46463250	1630
46465475	0779
46468696	0998
46473784	1033
4682999	0315
4692477	0407
4699704	0407
4699705	0407
4701920	0407
4702248	0407
4706008	0407
4706931	0407

Fiat	Nº Zen
4710224	0407
4711699	0407
4713805	0407
4713806	0407
4713807	0407
4737754	0407
4737755	0407
4737756	0407
4741699	0407
4745849	0407
4745930	0407
4752212	0407
4752403	0407
4752912	0407
4759929	0407
4988513	0561
587624	0035
5933930	0395
5972684	0408
5984563	0631
5985182	0631
5991832	0394
5996771	0395
5997307	0857
5997309	0857
61227993	0087
7501995	0111
7533231	0769
7580192	0630
7772459	0779
7772462	0779
7785949	0779
7796598	0779
82374433	0389
852962	0953
870374	0744
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25148A	0380
26208A	0320
26211M	0064
26211U	0096
26273E	0150
27501A	0541
280002572	0327
280002681	0353
28002150	0184
534029A	0574
63216740MT67CA	0407
D11E079	0217
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D11E159	0215
D11E172	0571
D11E191	0461
D8E045	1302
D8E081	0248
D9R073	0656
D9R084	0646
D9R091	0657

Italaccai	N° Zen
MTA01219	0451
MTA1201	0453
MTD1201	0533
MTD1209	0213
MTJ01201	0170
MTS1201	0120
S114140	0349
Iveco	N° Zen
500338953	1624
J&N	N° Zen
410-14053	9823
John Deere (SLC)	N° Zen
AJ59342	1637
AJ60123	1637
AR16277	0434
AR41627	0434
AR70611	0434
E48134	0625
RE13722	0434
RE23900	0434
RE509856	1637
RE509857	1637
Johnson Electric	N° Zen
5065436	0708
Kubota	N° Zen
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1574163011	0947
1585263011	0584
1585263012	0584
Leece-Neville	N° Zen
7072MB	0117
7072MC	0117
7082MA	0188
7086MA	0188
7086MB	0188
7120MA	0188
7146MA	0117
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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
Lucas	N° Zen
22201	0035
25142AHM35	0280
25142AHM35	0380

Lucas	N° Zen
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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
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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
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26132A/F	0041
26132H/R	0041
26143A/H	0041
26143J/Q	0041

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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
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26286A/E	0506
26286F/J	0486
26287F/J	0155
26287A/E	0067

Lucas	Nº Zen
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26288F	0155
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26291A/D	0064
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26294F/Q	0150
26295D/Q	0150
26300A/J	0615
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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

Lucas	Nº Zen
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26356A/M	0398
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26357A/E	0150
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26370B/E	0155
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26378A/H	0150
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26385A/B	0594
26387A/E	0155
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26389A/D	0286
26390A	0594
26390B/E	0594
26391A/B	0155
26393A/F	0150
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26395A/H	0096
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26416A/E	0286
26420A/B	0286
26421A/B	0286
26422A	0155
26427A	0150
26427AM50	0150
26428A/B	0286
26429A/B	0286

Lucas	Nº Zen
26430A/D	0096
26431A/B	0096
26431AM50	0096
26433A/B	0286
26435A/B	0286
26435AM50	0286
26436A/B	0150
26600E/F	0823
26601E/F	0823
26605A	0823
26607E/J	0960
26609F/J	0823
26613E/H	0823
26616A/B	0823
26619A/D	0823
26620A	0823
26621A/B	0823
26624A/D	0823
26626A/B	0823
26628	0823
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26654B/D	0823
26667	0863
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26679B	0823
26680B	0823
26681B	0823
26689	0823
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26695	0823
26696	0821
26702	0822
26702E/K	0822
26707A/L	0821
26708	0821
26713A/D	0821
26716B	0821
26717A	0822
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26810A	0821
26811A	0822
26812A/D	0822
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26925	0820
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Lucas	Nº Zen
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27047	0863
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27407A	0155
27408A	0155
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27412A/D	0134
27413A/D	0411
27414A	0155
27415A/D	0155
27416A/D	0134
27417A/D	0155
27418A	0615
27419A/D	0486
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27423A	0134
27424A/B	0155
27426A/F	0155
27427A/E	0155
27429A/B	0155
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27435A	0155
27436A	0486
27439A	0155
27443A	0486
27446A	0155
27449A/D	0486
27452A	0134
27459A	0155
27461A/B	0155
27462A/B	0486
27463A/D	0411
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27509A/B	0486
27510	0155



Lucas	Nº Zen
27511A	0480
27512A/D	0557
27513A	0155
27514A/B	0155
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27516A/D	0480
27518A/E	0155
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27528A/D	0480
27532A/D	0155
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27536A/D	0155
27537A/B	0155
27538A/D	0155
27539A/F	0155
27540A/H	0155
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27554A/B	0480
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27558A/E	0486
27559A/E	0155
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27568A	0155
27570A/B	0155
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35258670	0492
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35258710	0978
35258740	1133
35258760	0990
35258790	0945

Lucas	Nº Zen
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35258910	0991
35259040	0916
35259170	0916
35259400	0916
35259580	1090
35259620	1090
35259630	1090
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LRS01976	1624
M45G	0615
M79	0822
M79	0823
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Lucas Indiel	Nº Zen
2680B	1475
2680D	1475
35257700	0868
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35258340	0467
35258380	0468
35258400	1134
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35258840	1134
35259040	1635
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35259260	1595
35259310	1602
35259390	1637
35259400	1635
35259440	1092
35259520	1595
35259570	1636
35259590	1637
35259600	1637
35259640	1090
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35259750	1596
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Lucas Indiel	Nº Zen
35261120	1623
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35261250	0990
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35261355	1596
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35261395	1603
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35261740	1603
35261780	1603
35262020	1604
35262190	1603
35262580	1623
36261135	1603
M74R	1134
Lucas Reman	Nº Zen
S7133	9702
S7219	9702
Magneti-Marelli	Nº Zen
36222700	0213
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63101003	1227
63102003	0779
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63103007	0999
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63111000	0969
63111007	1113
63111008	1169
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63211627	0035
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63216325	0035
63216703	0407
63216707	0407
63216725	0407
63216726	0407
63216727	0407
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63216740	0407

Magneti-Marelli	Nº Zen
63216741	0601
63216808	0407
63216815	0910
63216825	0407
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63216831	0601
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63217118	0407
63217119	0407
63217120	0407
63217125	0407
63217126	0601
63217147	0407
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63217154	0601
63217188	0601
63217201	0407
63217225	0407
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63220137	0768
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Magneti-Marelli	Nº Zen
63220836	0120
63220900	0120
63220932	0120
63220940	0120
63221300	0120
63221308	0389
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63221431	0389
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63221730	0394
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63221800	0786
63221800	1227
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63221890	0786
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63222038	1117
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63222130	1117
63222134	1117
63222135	1117
63222136	1104
63222138	1117
6322224	1477
63222300	0533
63222301	0533

Magneti-Marelli	Nº Zen
63222331	0533
63222400	0213
63222405	0213
63222408	0213
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63223039	1484
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Magneti-Marelli	Nº Zen
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63223103	1496
63223108	0779
63223200	0779
63223203	0395
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63223237	0395
63223300	0395
63223303	0779
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63223436	0878
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63223538	0975
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63223897	0953
63224170	0608
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63227047	0863
63227051	0863
63227577	0863
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63293039	1484
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E1154/24	0953

Magneti-Marelli	Nº Zen
MSN2036	1624
MT68Q	0910
MT68QA	0910
NN5	0037
NN6	0037
Man	Nº Zen
51262017158	1178
Mando	Nº Zen
K71F18400	1601
Mazda	Nº Zen
022218400	0144
022218400A	0144
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489418400B	0144
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D50518400A	0352
D50518400B	0450
D53018400	0450
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E30118400A	0352
E35618400	0450
E35618400A	0352
E35618400B	0450
E35718400	0450
F21418400	0596
F21418400A	0596
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F24018400B	0450
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F2D418400A	0596
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F60118400	0352
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F8B118400B	0450
F8B118400C	0450
F8B18400A	0450
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FE0518400C	0352
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SA958	9823

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1280000210	9302
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1280000362	0921
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1280000540	9302
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1280000620	9186
1280000622	9186
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Nippondenso	Nº Zen
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1280000960	0946
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1280001240	9186
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1280001290	0686
1280001291	0686
1280001310	0498
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1280001370	0947
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1280001440	0947
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1280001610	0140
1280001630	0947
1280001761	0686
1280001780	9402
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1280002170	0498
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1280002190	9186
1280002250	9402
1280002251	9402
1280002270	9302
1280002480	9302
1280002560	9402
1280002590	9186
1280002880	0946
1280002881	0946
1280002881	9260
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1280003350	0947
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1280003540	0950
1280003590	0947
1280003640	0686
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1280004910	9302
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1280005270	9349
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1280005300	9301
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128000608	0967
1280006320	9349
1280007040	9402
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1280007100	0947
128000721	9186
1280007210	9186

Nippondenso	Nº Zen
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1280007330	0947
1280007353	0921
1280007353	1215
128000739	1211
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1280007750	9301
1280008070	0947
1280008080	0947
1280008130	0140
1280008142	0921
1280008142	1215
1280008152	0921
1280008152	1215
1280008200	9186
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1280008240	0947
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128000832	1213
128000840	1211
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128007210	9186
1383240	1473
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2280000020	9402
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2280000311	0947
2280000400	0921
2280000400	1215
2280000580	0947
2280000620	9302
2280000640	0921
2280000640	1215
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228000083	1211

Nippondenso	Nº Zen
2280000960	0947
2280001100	0947
2280001110	0947
2280001300	0921
2280001300	1215
228000136	0948
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2280001710	0947
228000180	1212
228000180	9632
2280001890	0946
2280002020	0947
228000-2050	10049
2280002120	0954
2280002121	0947
228000-2260	10049
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2280002682	0947
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2280003290	0947
228000340	9632
228000-3990	10049
2280004320	0947
2280004330	0947
228000-5040	10049
2280006240	1218
228000-6421	10049
228000-7200	10049
2810054380	0954
31200P1RA52	0809
Nissan-Datsun	Nº Zen
23300	0790
2330000H10	0450
2330000H11	0450
2330001E00	0499
2330001E11	0450
2330001E13	0450
2330001N00	0634
2330001Y10	0596
23300-02E10	1043
2330003E00	0499
2330004E00	0791
2330004E01	0791
23300-04E10	1043
233000500	0790

Nissan-Datsun	Nº Zen
23300054A01	0790
2330005E00	0790
2330005H11	0450
2330005P01	0791
2330006E00	0499
2330006W61	0737
2330006W61	0790
2330006W61	9488
233000703	0790
233000712	0352
2330008700	0141
2330008U10	0595
2330009500	0141
2330009600	0141
2330009601	0349
2330009602	0141
23300099600	0141
23300-09E00	9527
23300100G02	0790
2330010600	0141
2330010601	0141
2330010605	0141
2330010615	0141
2330010G02	0790
23300-10G02	9527
2330011M00	0790
2330011M02	0790
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
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2330020P00	0634
2330020P10	0595
2330020P11	0595
2330020R11	0596
2330020R91	0596
2330021000	0141
2330021005	0141

Nissan-Datsun	Nº Zen
2330021006	0141
2330021007	0141
2330021008	0141
2330021009	0141
2330021017	0141
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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
2330037503	0448
2330037505	0448
2330037506	0448
2330037508	0448
23300375088	0448
2330038W00	0790
2330041B70	0450
2330041B76	0595
2330042L11	0450
2330042L13	0450
2330042L14	0450
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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

Nissan-Datsun	Nº Zen
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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
23300-83W00	9527
2330084A17	0595
2330085A01	0517
2330086G10	0712
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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

Nissan-Datsun	Nº Zen
23300E3101	0141
23300E6800	0351
23300E6801	0351
23300G700	0448
23300G7000	0448
23300G7001	0448
23300G7002	0448
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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
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23300H6900	0349
23300H6901	0349
23300H6902	0349
23300H6903	0349
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

Nissan-Datsun	Nº Zen
23300M4901	0791
23300M4903	0791
23300M4904	0791
23300-M4904	9528
23300M5901	0382
23300M5903	0382
23300M8000	0517
23300M8001	0517
23300M8101	0554
23300M8200	0517
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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
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

Nissan-Datsun	Nº Zen
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
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

Nissan-Datsun	Nº Zen
23300Z700	0448
23300Z7000	0448
23300Z7001	0448
23300Z7005	0448
2330221008	0141
23300H6901	0349
4330078505	0141
NSA	Nº Zen
STR-3622	1548
Onan	Nº Zen
19911052	0427
Paris-Rhone	Nº 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
D13E121TE	0117
D13E122TE	0117
D13E123TE	0117
D13E123TE	0117
D8E111	1302
D8E121	0248
D8E130	0285
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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



Paris-Rhone	Nº Zen
D9E12	0248
D9E123	0287
D9E124	0287
D9E125	0287
D9E127	0287
D9E129	0287
D9E20	0248
D9E22	0248
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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
Prestolite	Nº Zen
2T0911335	1091
35259440	1092
35259450	1523
35259460	1523
35259770	1092
35259793	1523
35259880	1623

Prestolite	Nº Zen
35260890	1621
35260940	1622
35260950	1622
35261070	1622
35261120	1623
35261155	1623
462361	0930
M93R	1090
MES6301K	0117
MES6403JUT	0879
MFJ6501	0930
RCP	Nº Zen
ST-882	9823
Remy	Nº Zen
10455053	0612
10455069	0783
10455081	0783
10455505	0854
10461001	0625
10461002	0625
10461003	0625
10461005	0625
10461006	0625
10461007	0624
10461008	0624
10461010	0624
10461013	0624
10461015	0625
10461016	0624
10461018	0624
10461039	0625
10461044	0625
10461069	0625
10465167	0756
10465294	0774
10478805	0624
10478806	0625
10478811	0624
10478814	0625
10478814	0755
10478819	0625
10478825	0624
10478826	0624
10478831	0625
10478862	0555
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10478921	0625
10478927	0624
10478928	0625
10478929	0625
10478930	0625
10478949	0624
10478953	0625
10478957	0625
10478957	0755

Remy	Nº Zen
10478960	0624
10478976	0625
10479014	0624
10479015	0625
10479016	0625
10479020	0625
10479034	0624
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10479054	0625
10479068	0625
10479069	0625
10479196	0624
10479196	0858
10479600	0723
10479604	1194
10479605	0721
10479606	0650
10479606	1196
10479607	0649
10479607	1195
10479608	0721
10479611	0722
10479612	0721
10479613	0650
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10479617	1194
10479618	1194
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10479620	0651
10479621	0629
10479626	0985
10479629	0722
10479634	0629
10479634	1194
10479650	0985
10479651	1112
10479652	1112
10479654	0985
1103809	0188
1107037	1216
1107056	1216
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1107084	1216
1107087	1216
1107088	1216
1107089	1216
1107092	1216
1107095	1216
1107115	1216
1107116	1216
1107125	1216

Remy	Nº Zen
1107126	1216
1107134	1216
1107139	1216
1107141	1216
1107149	1216
1107158	1216
1107163	0020
1107173	1216
1107196	1216
1107198	1216
1107203	0052
1107208	0013
1107213	0032
1107214	0093
1107214	0568
1107217	1216
1107219	0020
1107223	0013
1107233	0020
1107234	0052
1107234	0093
1107234	0568
1107235	1216
1107237	0020
1107242	0020
1107245	0052
1107248	0020
1107249	0093
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1107258	0032
1107259	0020
1107260	0020
1107261	0032
1107266	0020
1107268	0093
1107268	0568
1107270	0013
1107272	0013
1107273	0020
1107274	0020
1107279	0013
1107280	0052
1107286	0020
1107289	0020
1107290	0093
1107290	0568
1107291	0093
1107291	0568
1107293	0020
1107294	0020
1107298	0020
1107299	0020
1107301	0020

Remy	Nº Zen
1107302	0020
1107303	0020
1107306	0020
1107307	0020
1107308	0052
1107313	0020
1107314	0020
1107315	0020
1107316	0020
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D7E16	0965
D7E17	0843
D7E19	1064
D7E2	1152
D7E23	0965
D7E24	0965
D7E33	0965
D7E34	0965
D7E37	0965
D7E4	0843
D7E43	0965
D7E5	0965
D7E56	1534

Valeo	Nº Zen
D7E6	0843
D7E8	0843
D7ES6	1534
D7G11	1618
D7R1	1074
D7R11	1074
D7R13	1023
D7R15	1074
D7R16	1023
D7R18	1023
D7R19	1458
D7R2	1074
D7R24	1074
D7R25	1023
D7R26	1458
D7R27	1458
D7R28	1458
D7R3	1074
D7R33	1074
D7R4	1074
D7R5	1023
D7R8	1023
D7R9	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
ND161	1162
Visteon	Nº Zen
1C3U11000AA	1081
1C3U11000AB	1081
1C3U11000AC	1081
1C3U11000AD	1081
1C3U11000AE	1081
1C3Z11002AA	1081
2C2411000AA	1081
Volga	Nº Zen
4216.3708-01	1175
4216.3708-07	1176
6012.3708-000	1176
62.3708	1175
Volkswagen	Nº Zen
02A911023L	0937
069911023E	1480

Volvo	Nº Zen
1328391	9702
132839-6	9702
5003003	9702
5003003-0	9702
W.A.I.	Nº Zen
21289HI	9702
22019FD	9823
2-2332-MT	1548
Wapsa	Nº Zen
MALBD1	0022
MALBD2	0022
MALF2	0001
MALF3	0001
MAL11	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
MPB27	0193
MPB3	0056
MPB30	0085
MPB30	1361
MPB31	0024
MPB31	1359
MPB33	0024
MPB33	1359
MPB35	0126

Wapsa	Nº 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	Nº Zen
22958	1548
Wilson	Nº Zen
91251101	9702
Woodauto	Nº Zen
STR72029	9702
Worldwide	Nº Zen
16942	9702
17754	1548
28711	9823
97143	9823



Busca - Aplicação por Veículo

Search - Application by Vehicle

Búsqueda - Aplicación por Vehículo

A.E.C.	75	Clayson	81	Hyster	96	Matador	102	Seat	116
ABG	75	CNG	81	Hyundai	96	Maxion	102	Simit	116
Acura	75	Cummins	81	IHC	96	Mazda	102	Skoda	116
Agrale	75	Dacia	82	Innocenti	96	Mercedes Benz	102	Slanzi	116
Agria	75	Daewoo	82	Inter	96	Mercury	105	Ssangyong	116
Agrifull	75	DAF	82	International	96	Mercury Marine	105	Steyr Puch	117
Aifo	75	Daihatsu	82	Ishikawajima	96	Mitsubishi	105	Still	117
Alfa Romeo	75	Daimler	82	Isuzu	96	Morris	106	Subaru	117
Allis Chalmers	75	David Brown	82	Jaguar	96	Mosa	106	Suzuki	117
Alto	75	Detroit	82	JCB	97	Müller	106	Talbot	117
AMB	75	Deutz	82	Jeep	97	Muirhill	106	Tata	117
APE	76	Dodge	82	Jenbacher	97	MUL	106	Tatra	117
Arona	76	Drogmoller	83	John Deere (SLC)	97	MWM	106	TCM Equipment Ag	117
Artic Car	76	Eagle	84	JPX	98	New Holland	107	Teledyne	118
Asea	76	Ebro	84	Jungheinrich	98	Nissan-Datsun	107	Tiete	118
Asia Motors	76	Eicher	84	Kaeble	98	Oldsmobile	109	Tigershark	118
Atlas Copco	76	Elmot	84	Kassbohrer	98	OM	109	Toyota	118
Atlas-Weyhauser	76	Escort Tractor	84	Kawasaki	98	Opel	109	Triumph	118
Audi	76	Esttem	84	KHD	98	Palmieri	110	Troller	118
Austin	76	Fahr	84	Kia	98	Pegaso	110	TVR	118
Autobianchi	76	Farymann	84	Komatsu	98	Perkins	110	Ursus	118
Aveling Barford	76	Faun	84	Kubota	98	Peugeot	110	V.M.	118
Balkancar	76	Fendt	84	Lada	98	Piaggio	112	Vagan	119
Bamford	77	Fenwick	84	Lamborghini	99	Plymouth	112	Valmet	119
Barber Green	77	Ferrari	84	Lancer	99	Poclain	112	Vauxhall	119
Bautz	77	Fiat	84	Lancia	99	Polaris	112	Volga	119
Bedford	77	Fiat Allis	87	Land Rover	100	Pontiac	112	Volkswagen	119
Belarus	77	Fiat Iveco	87	Landini	100	Porsche	112	Volvo	124
Benati	77	Fiat Pinsky	88	Laverda	100	Puma	113	Volvo Penta	124
Berliet	77	Fiat Romania	88	Lexus	100	Reliance Trucks	113	Waukesha	124
BMW	77	Ford	88	Leyland	100	Remy	113	Willys	124
Bobcat	77	General Motors	93	Liebherr	100	Renault	113	Yale	125
Bomag	77	Goldoni	95	Lincoln	100	Renault Agri	114	Yamaha	125
Bombardier	77	Guldner	95	Linde	100	Renault V.I.	114	Yanmar	125
Bonser	77	Gurgel	95	Lindner	101	Rover	114	Zanella	125
Buick	77	Hamm	95	Lister	101	Ruggerini	114	Zastava	125
Bukh	78	Hanomag	95	Lombardini	101	Saab	114	Zetor	125
Cadillac	78	Harley-Davidson	95	Lotus	101	Same	115	Zettelmeyer	125
Carraro	78	Harvester	95	Lucas	101	Sanderson	115		
Case	78	Hatra	95	M.G.	101	Santro	115		
Caterpillar	78	Hatz	95	Mack	101	Saturn	115		
CBT	79	Hestair Dennis	95	Maferesa	101	Saviem	115		
Chevrolet	79	Hillman	95	Magirus Deutz	101	Saxby	115		
Chrysler	79	Hino	95	Mahindra	101	Scania	115		
Citroën	80	Hitachi	95	Man	101	Schanzlin	115		
Claas	81	Holder	95	Marine Electric	101	Schluter	116		
Clark	81	Honda	95	Massey Ferguson	101	Sea Doo	116		

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
Agrale	Nº Zen
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
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 com motor Cat. 3126 M790	
Trator 4230.4 com motor Cat. 3126 M790	
Trator 5075, 5075.4, 5085, 5085.4 com motor BX 150	1596
Trator T4200, T4300	0125
TX 1600 (MWM)	0085
	1361
Volare	1550
Agrale	0163
	1065
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
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, Alfasud, 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 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	Nº Zen
ED 40	0507
ED 40 Tractor	0411
Alto	Nº Zen
VXI	1509
AMB	Nº Zen
AMB	1515





APE		Nº Zen
Piaggio		1551
Arona		Nº Zen
395, 4100, 495, 952, 953, 954, AD295, PM		0366
Artic Car		Nº Zen
Jet Ski TigerShark 640, 770, 900, 1000, 1100		1036
Asea		Nº Zen
Asea		0096
Asia Motors		Nº 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		Nº Zen
Atlas Copco		0059
		0122
		0133
		0226
		0301
Atlas-Weyhauser		Nº 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		Nº 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 Series GL 1972 L4 1.9 gas.		0080
		0108
100 Series GL 1973 L4 1.9 gas.		0080
		0108
100 Series LS 1971 L4 1.8 gas.		0080
100 Series LS 1972 L4 1.9 gas.		0080
		0108
100 Series LS 1973 L4 1.9 gas.		0080
		0108
100 Series LS 1974 L4 1.9 gas.		0080
		0108
100 Series LS 1975 L4 1.9 gas.		0080
		0108
100 Series LS 1976 L4 1.9 gas.		0080
		0108
100 Series 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
1000 SP, F102		0223
100D, 100TD		0631
4000 (diesel), 4000 Turbo (diesel), 80D, 80D Turbo		0420

Audi		Nº Zen
► 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
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
TT		1108
Audi		0111
		0394
Austin		Nº 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
Taxi FX4		0486
		0506
Autobianchi		Nº Zen
A112		0120
A112, Y10 Touring, Y10 Turbo		0408
Y10 Fire		0747
Y10 Fire, Y10 AWD		1227
Autobianchi		1056
Aveling Barford		Nº Zen
Aveling Barford		0096
Balkancar		Nº Zen
Balkancar		0067
		0096

Bamford	Nº Zen
Bamford	0096
Barber Green	Nº Zen
Barber Green	0067
	0096
Bautz	Nº Zen
Bautz	1076
Bedford	Nº 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	1188
CF	0170
	0573
Chevanne	0170
Ha Van	0170
	0280
	0380
Midi	0686
	0765
Rascal	0686
SB, SP, TJ, TK, TL, VAS	0286
SB, SP, TJ, TK, VAS	0509
TJ, TK, TL Series	0486
Belarus	Nº Zen
MTZ 50, 52	0213
Benati	Nº Zen
Wheeled Loader	0150
Berliet	Nº Zen
610 KG, 750 GL	0067
GLC 4, GLC 5, 560 GK, 610 GK	0150
GR 320, TR 320, TRH 320	0218
BMW	Nº Zen
520	0367
1500, 1502, 1600, 1602, 1800, 1800Ti, 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 Series (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
324 D/TD, 524 D/TD, 750 i	0573
324 TD Touring, 325 TD, 325 TDS, 325 TDS Touring, 525 TD, 525 TD Touring, 525 TDS, 525 TDS Touring, 725 TDS	1033
325 E, 325 i, 525 E	0482
325 i	0475
325, 525, 725 2.5 TD	1630
525, 528, 530, 630, 635, 663, 728, 730, 732, 733, 735, 745, 2500, 2800, 3000, 3300	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
M535i, 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

BMW	Nº Zen
► Séries 5, 7, 8, X5	1486
BMW	1113
	1477
Bobcat	Nº 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	Nº Zen
B2211/212, BW2211/212, SB2211/212	0366
BW 90	0638
BW 905 SH/SL	0417
Bombardier	Nº Zen
Bombardier, Jet Ski	0773
Sea Doo 947	0749
Bonser	Nº 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	Nº Zen
Century 4 CYL 2.2L	0783
Century 3.1l (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
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





Buick		Nº Zen
► 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
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
Tigrone 625		0105
		0308
		1364
Tigrone 765		0367
Victory 2500, 3500		0028
Victory 2500, 3500, 4500		0225
Carraro		1076
Case		Nº Zen
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
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

Case		Nº Zen
► 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 com 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		0034
		0051
		0052
		0122
		0133
		0624
		0625
		0722
		0784
		0858
Caterpillar		Nº Zen
3304/3306, 120/140 B, 930, 966		0089
Blue Bird USA Cat. 3126 7.2		1595
Caterpillar		0117
		0121
		0122
		0133
		0201
		0624
		0626
		0858
Caterpillar Facet		0556
Caterpillar Facet 10061		0555
D300 Series		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 Scraper 631E		0088
		0122
		0133

Caterpillar	Nº Zen
► 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
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
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
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

Chevrolet	Nº Zen
► 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
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
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 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





Chrysler	Nº Zen
► Caravan 92 a 97	0817
Concorde 93 a 97	0817
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
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
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

Chrysler	Nº Zen
► 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
Saratoga 3.0	0641
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
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
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
C3 1.1i, 1.4i, 1.6 16V	0976
Citroën	0189
	0404
	0574
	0647
	0787
	1037
	1043
	1056

Citroën	Nº Zen
►CX Athena, CX Reflex	0404
Evasion 2.0	0745
Evasion 2.0i, 2.0i Turbo	0976
Evasion TD	0806
Jumper	0806
	1643
Jumper 1.9 D	0800
Jumper 2.0	0745
Jumper 2.5 D, TD	1072
Jumper 2.8 D Turbo	0875
Jumpy	0806
LNA	0108
LNA II	0482
LNA, LNA II	0189
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, 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
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
Xsara 1.8, 2.0 16V	0787
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, Corsar	0367
Corsar, Cosmos	0301
Cosmos	0225
Dominator 105	0218
Dominator 80, 85	0105
	1364
Europa	0225
Mercator 50, 60, 70	0105
	1364
Clark	Nº Zen
75A-II-III, 300/HY 40/50/60, C-500 Y110/135/155	0024
	1359
CFY 40	0086

Clark	Nº Zen
►CFY 40, CFY 50 (Willys 6 cyl.)	0022
CHY 100, 120, 140, 60, 70, 80 (GM 6 cyl.)	0073
Clark	1195
	1196
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
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
Chassi p/ Ônibus RC210, UC210	0089
	0122
	0133
Cummins	1194
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
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





Cummins		Nº Zen
► 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
Espero 2000 c/ motor GM e partida Delco Remy		0770
Espero CD 2000		0770
Le Mans		0752
Musso		0925
Musso 2.3		1619
Racer		0770
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
Copain		0184
Delta		0140 0184
Delta 1.5, 2.0, Rocky, Taft, Wildcat 1.6		0327
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

David Brown		Nº Zen
► 580, 770, 880, 990, 1190, 1212		0507
Detroit		Nº Zen
Caminhão GM c/ motor 4.53 e partida Delco Remy		0051
Caminhão GM c/ motor 4.53 e partida Wapsa		0114
Diesel		0625
Pá Carregadeira Case c/ motor 4.53 e partida Delco Remy		0051
Veículos/Estacionários		0721
Deutz		Nº Zen
Allis		0651 1197
Allis c/ partida Delco Remy 28MT 12/24V		1195
Atlas Copco compressor c/ partida Bosch JD		0059
Motores 8 cil. (veículos/estacionários)		0101
Trator AX 4.100-4.190-80S-100S-120S a partir de 01/81		0105
Trator Demisa DM55-DM65 c/ partida Bosch JD		0059
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
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

Dodge	Nº Zen
► Charger Special Edition 1978 V8 5.9 gas.	0495
Charger Special Edition 1978 V8 6.6 gas.	0495
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
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
DPB, PB	0409
Dynasty	0641

Dodge	Nº Zen
► 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
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
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
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 Series	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
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
G10, 20		1030
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, 3 S, 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

Fiat		Nº Zen
► 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
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 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
147 Brío, 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

Fiat	Nº Zen
►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
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/o 1.9 TD-JTD, Marea 1.9 TD-JTD, Multipla 1.9 JTD	1033
Bravo	1113
Bravo 1.6 16V	0976
Bravo 1.8, 2.0	0998
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

Fiat	Nº Zen
►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
Doblô	0837
Doblô 1.6 16V	0976
Ducato	0108
	1022
Ducato 10, 14, 18, 20	0745
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
	1134
Duna 1.3, 1.5	0743
Duna 1.7 D, Uno D, TD, Selecta	0630
Duna 60, 70	0060
	0111
Elba 1.3, 1.5, CS/S	0111
Fiorino	0060
	0111
	0630
	0779
Fiorino 1.1, 1.3, 1.4i	0060
Fiorino 1.4, 4.6	0743
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 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	1169





Fiat	Nº Zen
► Multipla 1.6 16V	0976
Nueva Cinquecento 704, 903	0786
Nuova Argenta	0389
	0407
Nuova Argenta diesel	0601
Nuova Ritmo diesel	0395
Onibus 100, 130, 70 c/ partida Bosch JD	0092
Onibus 140, 80	0315
Otoyol 35.9	0291
Otoyol 65.9	0291
Palio	0925
	0999
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 EX, ELX Turbodiesel	0482
Palio Fire	0837
Palio Fire 2001	0976
Palio SX 1.7 Turbodiesel	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 Turbodiesel	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
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

Fiat	Nº Zen
► Racing	0213
Regata	0111
	0394
	0120
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
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
Selecta TD	0630
Siena	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 Turbodiesel	0482
	0976
Spazzio	0111
	0389
	0743
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
Strada	0779
	0786
	0999
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
Strada 2003	0976
Strada Custom 1980 L4 1.5 gas.	0108

Fiat	Nº Zen
► 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
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, 4.6	0743
Uno 1.4i (Argentina)	0111
Uno 1.4i, 1.6i (Argentina)	0111
Uno 1.5	0111
Uno 1.6	0111
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
	0878
Uno Fire, Fire 45	0786
Uno Mille Elettronic	0846
Uno Mille Fire	0837
Uno Mille	0111

Fiat	Nº Zen
► Uno Sting	0779
Uno Turbo	0389
Vivace	0743
X1/9 (1.3), 128 (1.1, 1.3), 131 Mirafiori (1.3)	0325
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
FE 12, 14, 16, FL 4C, FR 7, 9	0601
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 serie 46/66	0601
Fiat Allis	1059
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
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





Fiat Iveco	Nº Zen
► Caminhão, todos c/ partida Bosch KB	0122
	0133
Caminhões 120E, 150, 150T, 160T, 160E c/ partida Bosch JF (9.000.453.088)	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 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
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
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

Fiat Iveco	Nº Zen
► 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
Otoyol Kamyonet	0875
Otoyol Minibus	0875
Fiat Iveco	1059
Fiat Polski	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
14000	0085
2000, 2600, 3000, 3600	0155
2000, 3000, 4000, 5000, 7000	0322
3600 Traktor	0677
4000, 4600, 5000, 5600, 7000	0096
A, D Series	0398
A0406, A0506, FT100, FT120, FT130, FT160, FT190	0313
Belina c/ motor CHT	0293
Belina I	0044

Ford	Nº Zen
► 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
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 C 1215, C 1216, C 1217, C 1415, C 1416, C 1417, C 1421, C 1617, C 1621, C 814, C 815	0105 1364
Cargo c/ motor Cummins	0497
Cargo com 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 Series	0419
Cargo Series, D, K Series	0480
Consul	0080 0412
Consul 1.7	0307
Consul 2.0	0362
Consul 2.3	0108

Ford	Nº Zen
► 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
Courier	0890 0908 1533
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
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
EcoSport 2.0	1482





Ford	Nº Zen
► E-F Vans	0669
	0887
Escape 2.3i (140) L4 2005-2006	1585
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
Escort c/ motor Audi 827 c/ MQ	0762
Escort c/ partida Visteon	1208
Escort diesel	0820
Escort Ghia c/ partida Bosch	0323
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
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 PONY 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	0729
Escort, Fiesta, Orion (1.6 D Engine), Escort 1.6 D, Fiesta 1.6 D	0633

Ford	Nº Zen
► 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
F Series Pick-up 5.0 lts (92 a 98) e 5.8 lts. (92 a 96)	1192
F Series Pick-up 5.0 lts (92 a 98) e 5.8 lts. (92 a 96)	1224
F Series Pick-up 5.0L 92-98	1192
F Series Pick-up 5.0L 92-98	1224
F Series Pick-up 5.8L 92-96	1224
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 com Motor Cummins B Aftercooler 5.9	1623
F12000 c/ motor MWM	0085
	0748
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 com Motor Cummins B Aftercooler 5.9	1623
F16000 com 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
F250 c/ motor MWM	1022
F250 V6 à gasolina	1192
F350 C/ motor Cummins	1026

Ford	Nº Zen
► F350 Heavy Duty 98 em diante	1082
F400 c/ motor MWM	0085
F4000	0105
	1027
	1364
F4000 1998	0497
F4000 c/ motor Cummins	1027
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
F9000	0624
Falcon	0205
Feka E.M	0223
Festiva	0636
Fiesta	0222
	0890
	1533
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
	0380
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	0126
Galaxie até 05/70	0001
Galaxie todos a partir de 06/70	0056

Ford	Nº Zen
► Galaxy 2.0	0639
	0799
	0937
Galaxy 2.8	0972
Granada	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
Heavy Duty F250, F350 Series	1081
Inter 1800, 1830	0118
Jeep JPY	0935
Ka	0890
	1156
	1533
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
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 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
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





Ford	Nº Zen
► 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
Orion 1.6 D, 1.8 D	0820
Orion 1.6 diesel	0962
Orion 1.8 TD	0962
Orion 1.8i 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
Probe	0596
Ranger	0916
	1192
	1224
	1617
Ranger 1.8	1612
Ranger 2.3L (140) L4 2001-2006	1585
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

Ford	Nº Zen
► 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 D	0406
	0460
	0632
Sierra 2.8	0803
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
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 LX1991 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
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

Ford	Nº Zen
►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 LX1992 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
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
Tractor	0669
	1624
Tractor 2000, 3000, 4000	0064
Transit	0227
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 GLX c/ partida Bosch	0323

Ford	Nº Zen
►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
	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 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 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
Caminhões 14190	0625
Caminhões c/ motor Caterpillar e partida Delco Remy 37MT 12/24V	0625
	0858
Caravan c/ partida Delco a partir de 76	0045
Cavalier 4 cil. 96	0783
Celta	0843
	10003
Celta 1.0	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





General Motors	Nº Zen
► 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
Corsa com 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
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
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 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

General Motors	Nº Zen
► Pick-up diesel c/ motor Perkins 4 cil. e partida Wapsa	0024
	1359
Pick-up S10	0612
Pick-up S10 D	0861
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
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
Sprint	0576
Suprema	0745
Suprema 2.0, 2.0i, 3.0i	0745
Suprema 2.0, 2.2, 3.0	1209
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

General Motors	Nº Zen
► Zafira 2.0	10003
Zafira 2.0 MPFI, 2.0 SFI 16V	0745
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	Nº Zen
518, 719, 919, 921	1004
Transcar 25	0794
Transporter 336, Universal 230	0366
Universal 230, 336	0318
Goldoni	1065
Guldner	Nº Zen
Hydrocar T3K	0223
Guldner	0226
Gurgel	Nº Zen
BR 800, Tocantins L, TR 1.6	0323
Carajás c/ motor VW AP 1.8 a partir de 02/88	0108
Hamm	Nº Zen
5.2VTD, 8.5VTD, DV10B, GRW10, 15	0366
Hanomag	Nº 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	Nº Zen
Harley-Davidson	0898
Harvester	Nº 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

Harvester	Nº Zen
► D 358	0118
	0302
	0418
D 430, 432, 439	0224
Inter 1800	0302
Inter 1800 Kamyon	0418
Inter 624, 654 Ince Frz	0318
Yumbo 3944, 3945, 3960, 3961	0367
Hatra	Nº Zen
Gigant 10, 12, 14, 6, 8	0366
Hatz	Nº Zen
1 D 60/80	0931
2 G, Series	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	Nº Zen
Hestair Dennis	0096
Hillman	Nº Zen
Avenger, Hunter	0170
Avenger, Hunter, Minx, Sceptre	1188
Hillman	0171
	0397
	0577
Hino	Nº Zen
Caminhões FB/FF basculante	1098
Hitachi	Nº Zen
Opel Corsa	1556
Holder	Nº Zen
B 50, B 51	0677
Honda	Nº Zen
Accord	0815
Accord 1.6	0327
Accord 1.6, Civic 1.2, 1.5	0349
CAL 1.5L, CA, 1300 EJI	0832
Civic	0815
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





Honda	Nº Zen
► 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
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
Prelude	0815
Sedan W-MT	0832

Hyster	Nº Zen
97 Series (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

Hyundai	Nº Zen
► Pony	0352
	0450
	0595
Sonata	0595
Sonata 2.4, 3.0	0450
	0595
Stellar	0450
	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 444E-V8 7.3	1595
Jacto com motor Perkins 1006/ T	1622
Maxion S4	1622
Perkins 1006/ T	1622
Retroescavadeira com motor Maxion S 4	1622
Matra Motor Maxion HS 4 cil. 2.5	1635

Ishikawjima	Nº Zen
Ishikawjima	9527

Isuzu	Nº Zen
Ascender 5.3L (325) V8 2004	10003
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
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
400, 500 Series, 800 Series	0155
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
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

Jeep	Nº Zen
► Wrangler S 1992 L4 2.5 gas.	0482
Wrangler S 1993 L4 2.5 gas.	0482
Wrangler S 1994 L4 2.5 gas.	0803
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
6605 e 7505 6 cil.	1637
7820/608 1H 6 cil.	1595
Colheitadeira/Combine/Cosechadora 1550/608 1H 6 cil.	1595
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, 2030U, 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
Tractor	0112
	0434
	0635
Trator 4045 4 cil. 4.5 Gradall	1595
Trator 5600	1090
Trator 6300 c/ partida Lucas	0492
Trator 6600, 7500	0102
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
7820/608 1H	
John Deere	0624
	0625





John Deere (SLC)		Nº Zen
▶ John Deere		0722
		0755
		0948
		1194
JPX		Nº Zen
Jeep (todos)		0787
Jeep c/ partida Mitsubishi		0806
Jeep c/ partida Valeo		0935
		1023
Jeep JPX		1023
Jeep XUD9A		0787
Jungheinrich		Nº Zen
DFG 30		9791
Kaeble		Nº Zen
3WT, 5WT, 8WV, WTV, WVW		0366
SL 12 C		0367
SL 18 E, SL 20, SL 25 B		0218
Kaeble		1111
Kassbohrer		Nº 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		Nº Zen
33, 34		0223
400L 2x4, 400L Big Boss 6x6		0751
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
Kawazaki, C650, SS750, ST750, SX, SX650, SX750, SXI 750, TS650, X2650, XI750, ZXI1100		0749
Kawazaki, SX440, SX550		0536
Kawazaki, Wet Jet c/ motor Yamaha ZXI900, ZXI750		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
Trail Boss 250, Xplorer 4x4 (todos exceto 325cc)		0751
KHD		Nº Zen
100 D 8 FL, 9 FL, 10 FL, 11 FL		0392
411D, 411W, D2506, D3006, F1L410		0318
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

KHD		Nº Zen
▶ 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, F3L 1011, F4L 1011		0764
F2L 912, F3L 912		0312
F6L 413, F8L 413, M150E10, M150L10, M170D, L, R, S, SH, TL, TR, M200L, M232D, DL1300		0087
KHD		0764
Motors Engines BF4L 1011 (2.7 L, 2732cc) 2003		1472
Motors Engines F2L 1011 (1.4, 1366cc) 2004		1472
Kia		Nº Zen
Besta 1000cc		0786
Besta 2.5, 2.7		1601
Pop Pride com arranque Remy Coréia		1605
Pride		0636
		1054
Sephia GTX 1.5 16V, SLX 1.6		0450
Sephia GTX 1.5 16V, SLX 1.6 8V, a partir de 94		0450
Sportage 2.0 i		0352
Sportage c/ motor OHC 16V à gasolina		0450
Komatsu		Nº Zen
Esteiras D60E, D60F, D65E, D73E (Cummins N855C) a partir de 93		0089
GD523, 623 (Cummins C Series)		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
Retroescavadeira PC150 mod. 5, (Hidráulica)		0118
Retroescavadeira PC150 mod.3 (Cummins 6BT 5.9) a partir de 04/93		0497
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
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

Lada	Nº Zen
► Laika	0213
Laika 1.5, 1.6	0111
Niva	0213
Niva 1.5, 1.6 a partir de 02/93	0111
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	1065
	1073
	1076
Lancer	Nº Zen
300 Series, PD III A	0398
	0486
	0506
D, H Series	0067
H, HD Series, MD III A	0096
HP Series	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

Lancia	Nº Zen
► 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 3R0	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
Lybra	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	Nº Zen
► 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 D	0861
Defender 90 3.9L, 3947cc 1994, 1995	1474
	1475
Defender Motor Gemini III 4 cil. 2.5	1635
Diesel	0067
	0155
Discovery	0657
Discovery Motor Gemini III 4cil. 2.5	1635
Discovery 3.9L, 3947cc 1994-1995	1474
Discovery OM014A	0657
Pick-up c/ partida Valeo	0657
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
3000	0223
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

Lincoln	Nº Zen
► 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
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	Nº Zen
H 12 D, H 15 D	0312
	0366
H 20, H 25, H 30	0419

Linde	Nº Zen
► H 20 B/T, H 25 B/T, H 30 B	0118
	0302
H 20 D, 25 D, 30 D, 35 D	0367
Lindner	Nº Zen
Lindner	0067
Lister	Nº Zen
Petter	0723
Lister	0624
	0858
Lombardini	Nº Zen
12 LD	0794
3, 4 CYL diesel 1989-ON	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	Nº Zen
Eclat, Elite, Esprit	0412
Europa	1188
Seven	0280
	0380
Lucas	Nº Zen
VW 13190, 15190, 17210 motor MWM	1091
M.G.	Nº Zen
1300	0170
MGB	0414
Midget	0170
Mack	Nº Zen
CS 200, 250, MS 200, 250	0118
Mafersa	Nº 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	Nº Zen
192 H14, H16, 256 H19, H22	0087
Mahindra	Nº Zen
Champion	1503
Man	Nº 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 series), 25, 26, 27, 28, 30, 32, 33, 35, 40 (ton series), 26.280, 320, 30.232, 320, 32.231, 41, 48 (ton series), ÜL, F/HF, NÜ, NG, NL, RH, RN	0218
16.304F, 26.304 DF, 30.304 DFS	0087

Man	Nº Zen
► 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	Nº Zen
Jet Ski	1455
Massey Ferguson	Nº Zen
205, 235, 274, 275, 307, 506, 575, MF 102, 135, 148, 155, 168, 1200	0150
44, 55, 66, 77C, 600, 700C, C44, 55, 66C, D66, 600, 700C	0078
Colheitadeira/Combine/Cosechadora 3640	1602
Colheitadeira/Combine/Cosechadora 5650	1602
Colheitadeira/Combine/Cosechadora MF c/ partida Delco Remy	0182
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
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
MF133, 145, 152, 165, 174, MF194, 235, 250, 265, 290	0155
MF155, MF158, MF168, MF186, MF187, MF188, MF487, MF507, MF510, MF520, MF525, MF87	0661
MF20, 81, 148, 235, 240, 285	0067
MF235	0043
	0668
MF265	0668
MF33B, 450B, 450C	0308
MF33B, W 450B, 450B, 450 C	0105
	1364
MF44, 55, 66, 77, 600, 700	0078
MF4780 (Scania DN11)	0087
MF487	0286
MF487 Colheitadeira/Combine/Cosechadora	0509
MF86, MF87, MF155, MF158, MF168, MF186, MF187, MF188, MF285, MF427, MF487, MF507, MF510, MF520, MF525	0302
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, 270, 275, 285, 290, 292, 295, 296, 400, 50X, 55X, 65R, 65X, 85X, 86, 95, 95I, (todos c/ partida Bosch)	1195





Massey Ferguson	Nº Zen
► 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 MF3366 c/ partida Bosch	0121
Trator MF4780 (SSB-DN11)	0087
Trator MF4780 c/ motor Scania DN11	0087
	0122
	0133
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
Massey Ferguson	0034
	0121
	0122
	0133
	0182
	0625
	0649
	0755
	1060
	1195
	1359

Matador	Nº Zen
Matador	1501

Maxion	Nº Zen
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
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

Mercedes Benz	Nº Zen
190 1.8	1619
200	0492
230	0492
260	1037

Mercedes Benz	Nº Zen
► 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
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, L 911, L 1017, L 1113, L 1513, L 613, L 911, L 1113, L 1313, U1000, U1200, U1300, U1450	0367
1017AF, 1017F	0367
108B, 190B	0015
1113B	0367
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, 18 t 24, 27, 31, 34, 38, 44, 50, 53, 19 t 19, 22, 24, 26, 28, 29, 35, 44, 48, 20 t 24, 25, 26, 31, 35, 38, 44, 50, 2033, 2219, 2226, 2628, 2636, 22 t 19, 22, 24, 25, 26, 28, 35, 38, 44, 24 t 19, 21, 22, 25, 26, 27, 29, 33, 35, 48, 25 t 24, 27, 28, 31, 34, 36, 38, 44, 50, 53, 26 t 26, 28, 29, 31, 35, 38, 44, 48, 50, 53, 30 t 25, 28, 50, 32 t 25, 28, 29, 33, 34, 35, 38, 53, 33 t 28, 33, 35 t 28, 35, 38, 44, 48, 50, 53, 44 t 35, O 303, O 404	0218
1215C	1038
1217AF	0367

Mercedes Benz	Nº Zen
►1425, 1425 S	0218
180 B, 190 B	0015
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

Mercedes Benz	Nº Zen
►2636A	0920
2638S	0920
2640, 2640L	0920
2643, 2643L	0920
2648, 2648L	0920
2653, 2653L	0920
2657, 2657L	0920
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
712 C	1038
817, 1517 (1996 -)	1038
911B	0367
914 ano 2000	1038
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
Caminhão c/ motor 0321H2, 0321H, 321 após 12/73	0025





Mercedes Benz	Nº Zen
► 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, 0400R, 0400RS, 0400RSD, 0400RSL (OM 449A), Plataforma e Ônibus 0370 (OM355-5, 6, 6A, 6LA), 0371 (OM355-5A, 6A, 6LA), 0371UP (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
Chassi p/ Ônibus 0364, 0370, 0371, 0371UP, OH1419, 1420, 1517, 1518, todos c/ partida KB	0122 0133 0218
Chassi p/ Ônibus 0F/OH 1113, 1115, 1313, 1315, 1316, 0364, 0371U	0105
Ônibus c/ motor M366G	1364
Citaro 1998-	1038
Class C, E, M, S, V, CLK	1458
Classe A 160 CDI, 170 CDI	1031
Classe A, A100 a partir de 05/1999	1471
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
L1117	0497
L1218	1038
L1316	0497
L1317	0497
L1418	1038
L1516	0497
L1618 M	1038
L1622	1038
L1625	0622

Mercedes Benz	Nº Zen
► L206, L207, L306, L307	0223
L207, L307	0361
L2325, LB2325, LK2325	0622
L2423	1038
L2635	0622
L306DG, L406DG, L407D, 0309D, U52-421, U52-60, U60-421	0319
L408, L508, L608, LP808, OM314	0035
L408, L608, L1113, L1513	0301
L408DG	0367
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
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 0370 (OM355-5, 6, 6A, 6LA), 0371 (OM355-5A, 6A, 6LA), 0371UP (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
0302	0367
0303	0218
0305, 0305G	0218
0307	0218
0309D	0367
0345, 0345G	0218
0355	0218
0364	0218
0365	0218
0370	0218
0370, 0370R, 0370RS, 0370RSD	0218
0371R, 0371RS, 0371RSD	0218
0371U	0367
OM 352, OM 366	0105
OM 447, OM 449A	0920

Mercedes Benz	Nº Zen
► OM 904, 906, 924, 926	0985
Ônibus c/ partida Wapsa	0025
Ônibus L0812, 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 OF 1113, OH1113, 0917, a partir de 01/88	0118
S320 CDI	1629
S420	0630
S500	0630
SL 500	0630
Sprinter	0925 1023 1458
Sprinter 2.3 2000, 2003	1629
Sprinter (Maxion HS Engine)	0916
Sprinter 208 diesel 2.3, 58-60KW, a partir de 02/95	1057
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
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 O 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	Nº Zen
► Mercedes Benz	0025 0034 0118 0133 0204 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
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	Nº 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	Nº 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





Mitsubishi	Nº Zen
► 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
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
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
L 200	1024
L 200 diesel	1607
L 200 1.6, L 300 2.0 4WD	0144
L 200 ano 97	1047
L 200, L300	1035
L 300	0801
	1024
L 300 1.6, 1.8, 2.0, 2.4	0450
Lancer	0144
Lancer 1.2, 1.3, 1.5, 1.8	0450
Lancer Galant c/ motor 4G5	0144
Light Bus HA	1046
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, M1T91981ZC, 2.4L (2004/05) Mitsubishi, M1T92081ZC, 3.7L (2004)	1538
Nativa	1563
Pajero 2.3 TD, 2.5 TD	1047
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 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

Mitsubishi	Nº Zen
► Tredia 2.0	0144
	0595
Tredia c/ motor GP 25, 30 todos c/ partida Mitsubishi MD	0450
Caminhonete L 200	1024
Van L 300	1024
Wheel Loader S4E	1046
Mitsubishi	0577
	0617
	0669
	0686
	0806
	0957
	1043

Morris	Nº Zen
180, 2200, Ital 1.7	0412
1800, Ital 1.7, 18/22 Series	1188
Marina	0170
Oxford	0170

Mosa	Nº Zen
Mosa	1065

Müeller	Nº 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	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	Nº Zen
Muirhill	0096

MUL	Nº Zen
800CC MPFI	1503

MWM	Nº 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	Nº 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 TC55, TC57, TC59, a partir de 11/97	0315
Com motor de arranque Iskra	1616
Ford Super Major diesel	0041
M122, 133, 135, 140, 1520	0096
M89 Colheitadeira/Combine/Cosechadora	0067
Motor HTA7, HTA8, TC7, TC8, TCP7, TCP8	1190
New Holland	0150
	0649
	1059
	1195
	1196
Trator	0351
	0539
	0669
	0670
	1038
	1157
	1624
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	Nº Zen
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

Nissan-Datsun	Nº Zen
► 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
310 GX 1982 L4 1.5 gas.	0517
	0554
3300, 3500	9791
A12, A15	0853
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
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
Frontier	1168
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





Nissan-Datsun	Nº Zen
►L18	0352
Laurel	0141
Laurel 2.0	0499
Laurel 2.4	0351
Lift Trucks AEH Z24 Engine	1592
Lift Trucks AH A15 Engine	1592
Lift Trucks AH H20 Engine	1592
Lift Trucks APH A15 Engine	1592
Lift Trucks ASH A15 Engine	1592
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

Nissan-Datsun	Nº Zen
►Micra	0517
	1011
Micra automáticos	0554
Nissan	0352
	0712
	0737
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
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
Skyline Australian Bosch Electrics	0475

Nissan-Datsun	Nº Zen
►SR18, SR20	0711
Stanza	0791
	1200
Stanza 1.6, 1.8	0499
Stanza 2.0 4WD	0596
Stanza 220 SX	9528
Stanza 4WD	0791
Sunny	0141
	0519
Sunny 1.3, 1.4, 1.5, 1.6, 1.8	0517
Sunny 1.6i Coupé	0634
Sunny 120Y	0349
Sunny automáticos	0554
Sunny GTI 16V	0791
Terrano	0737
Terrano 3.0	0687
Terrano II 2.7 TD	0448
Trade	0677
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
	0617
	0957
	0958

Oldsmobile	Nº 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 3.4l (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
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	Nº 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	Nº 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 1.4, 1.6 16V, 2.0, 2.0 16V	1209
Astra 1.7 D, Vectra, Kadett D/E 1.7 D	0420
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
Kadett 1.0, 1.2	0325
Kadett B, C	0013
	0080





Opel	Nº Zen
► 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
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	0013
	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 1.8i 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	Nº 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	Nº Zen
Camion	0378
	0392

Perkins	Nº Zen
4 cil.	0150

Perkins	Nº Zen
► 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
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	Nº Zen
106	0787
	0836
	0965
	1152
205	1152
206	0787
306	0915
309	1152
404	0397
	0961
405	0961
	1152

Peugeot	Nº Zen
► 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 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 GTI, 305 1.6, 309, 405, 605 2.0	0775
205, 205 GTI, 305, 405	0574
205, 205GTI, 305, 605, Rallye	0775
205, 305, 309, 405, 505	0482
205, 405 diesel, 305, 309, 306 1.9 D a partir de 09/97	0800
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, 406, 806	0806
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 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	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	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
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

Peugeot	Nº Zen
► 405 S 1991 L4 1.9 gas.	0287
	0482
406 1.6, 1.8, 2.0 16V	0787
406, 605, 607, 807	1643
504 2.1, 2.3 diesel	0961
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 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
Boxer 2.5, TD	1072
Boxer Autobus 2.0 4x4	0976
Boxer Furgonato 2.0	0976
Boxer motor 2.5 TDI 1994 - 2002	1643
Boxer Pianale Piatto, Autotelaio 2.0	0976
Expert	0806
J9	0961
J9D (Karsan)	1161
Jeep	1508
Partner Furgonato 1.1, 1.4	0976
Partner Van, Limousine	0976
Peugeot	0189
	0404
	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
Pick-up 504 diesel 1.3 ton.	0459





Piaggio	Nº Zen
Porter 1.0	0999
Plymouth	Nº 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
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	Nº 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	Nº Zen
Polaris	0751
Pontiac	Nº 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
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	Nº Zen
616, 33.1	0223
911 2.4, 2.7, 912, 914	0325
914	0065
	0323
924	0108
924	0798
944	0798

Puma	Nº Zen
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
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	Nº Zen
Reliance Trucks	0096
Remy	Nº Zen
37MT	0888
Renault	Nº Zen
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
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
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	0935
	0945
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 c/ partida Lucas Indiel	0467
	0945
Clio c/ partida Valeo	0843
	0965
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

Renault	Nº Zen
► 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
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
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
Master	0656
	0787
	0910
	1187
Master 2.0, R 18, R 20, R 30	0108
Master D	0656
	0875
Master 2005 Eletrônico DCi 120	1618
Megane	0747
Megane 1.6	0843
Megane 1.9 diesel	1058
Megane 2.0	1209
Megane 2.0 16V	0976
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





Renault	Nº Zen
► R11 1.6	0843
R11 D, R5 D, R9 D	0630
R11 D, R9 D	0570
R11, R18, R18 Turbo, R9, Trafic	0482
R11, R18, R20, R21, R25, R4, R5, R9	1187
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
R19	0287
	0945
R19 1.6	0843
R19 1.6i a partir de 07/96	0837
R19 1.8	1209
R19 1.9 diesel	1058
R19 c/ motor Valeo	0287
R19 D	0935
	1023
R21	1209
R21 D	1023
R4, R4 F4, R5 Turbo, R6	0325
R4, R4, F6, R5, R6	0451
R4, R4, F4, R5, R6	1302
R4, R5, R6	0245
R5 U.S.A.	0248
R5, R6	0285
R9 1.6, 1.7	0843
R9, R11	0443
Renault	0189
	0244
	0404
	0574
	0925
	0961
	1023
	1056
	1585
Renault Express, Extra, Rapid 1.6L DSL 1986-97	1172
Renault Master	0910
Rodeo	0245
Safrane 2.0, 2.2	0775
Safrane 2.0, 2.5	0925
Safrane V6	0787
Scenic 1.6	0843
Scenic 2.0	1209
Scenic 2.0 16V 2003	1064
Sport Spider 2.0 16V	0976
T35 D	0875
Trafic	0108
	0482
	1187

Renault	Nº Zen
► Trafic 1.4, 1.6, 2.0	0108
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
Trucks 1983-2002 See: 120-6057, A, B (360, 368 Series Versions)	1159
Twingo 1.0, 1.2	0965
Twingo 1.2L	1153
V.I. Mascott	1158
V.I. Midliner	1159

Renault Agri	Nº Zen
R 7221	0216
R 85, R 87, R 7201	0215
	0217
Renault Agri	1060

Renault V.I.	Nº 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	Nº 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
TN8176	0822
Rover	1074

Ruggerini	Nº 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	Nº 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

Saab	Nº Zen
► 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
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

Same	Nº Zen
Ariete (4801 Engine), Drago 200	0105
	1364
Ariete, Drago	0301
Atlanta 45, Centauro 60	0226
Aurora, Condor, Corsaro, Fox, Leopard, Panther	0447
Buffalo, Corsaro, Drago	0392
Drago 120, Super Drago, Taurus 60	0378
Italia 35	0223
	0227
Sametto	0223
	0227
Same	1073

Sanderson	Nº Zen
Sanderson	0067
	0096

Santro	Nº Zen
Santro	1509

Saturn	Nº Zen
2004-01	10003

Saviem	Nº Zen
JN 75, JP 90, SC 50, SM 6	0118
	0302
SM 280, 300, 320, 340	0087

Saxby	Nº Zen
Chariot PAC/VAC	0463

Scania	Nº 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
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 DS111 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
Scania	0121
	0122
	0133

Schanzlin	Nº Zen
Schanzlin	0228





Schluter	Nº Zen
Schluter	0067
Sea Doo	Nº Zen
1246, 1246A, 125B, 321, 3654, 431, 531, 644, 644A, 744, 744A, 844, 844A, 844S, 844SA, H30B, H50B, H60B, TD8B	1218
Jet Ski	0655
Jet Ski Sea Doo GSX, GTI, GTS, GTX, HX, SP (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
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
Alhambra 2.0	0799
	1069
Arosa 1.0, 1.4L	1484
Arosa 1.4	0482
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
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
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
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	Nº Zen
Istana 2.3	0925

Ssangyong	Nº Zen
► Musso 2.0, 2.3	0925
Musso 2.9 D	0961
Ssangyong	1037
Steyr Puch	Nº 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	Nº Zen
Still	1071
Subaru	Nº Zen
Impreza 1.8	1018
Justy	0517
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
Subaru	1018
Subaru A11	0341
Subaru c/ partida Mitsubishi	0711
Suzuki	Nº Zen
Corry	0951
Maruti	0951
Samurai	0450
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	Nº Zen
1100, 1200	0451

Talbot	Nº Zen
► 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	Nº Zen
Indica diesel	1504
Tatra	Nº Zen
Tatra	1074
TCM Equipment Ag	Nº Zen
37 MT Series 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
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
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
Mercury Cruiser Marine	0977
Motores 28MT 24V	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
Série 37MT 12/24V (MB, VW, Ford, GMC, Cummins, Caterpillar)	0858
Série 40MT Series	0879
Série 42/50MT 12/24V	0879
	0914
	0930
	1210





TCM Equipment Ag		Nº Zen
► Série 42MT 12/24V (Caterpillar, Cummins)		0110
Série 42MT 12D 12/24V		0117
Série 42MT 24V (Allis Chalmer, 11 dentes)		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
Jet Ski		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 TD		1155
		1107
Camry		0947
Camry 1.8, 2.0, Carina II 1.8, 2.0, Corolla 1.8, 2.0, MR 2		9186
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 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 1.8 16V		0998
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, 1.6 8T		0874
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

Toyota		Nº Zen
► Crown		0140
		0327
Delta Hi Ace		0327
Dyna		0140
		0947
FJ 60		0140
Hi Ace		0140
Hilux 2.8		0954
Hilux 2.8 D		0921
		1215
Hilux		0140
		0327
		0947
		1562
Hilux 2.8 Land Cruiser diesel		0921
Hilux 3.0 SW 4		1097
L, 2L		0921
Land Cruiser		0921
		1215
Lite Ace		0184
Mark2		0140
		0327
MR 2		0947
Novo Corolla 1.8i 16V a partir de 02/1999		1547
Publica		0184
RJ 7		0947
Sprinter		0184
Sprinter 1.6		0140
		0327
Starlet		0184
		0498
Starlet 1.0, 1.2		0184
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
		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
110KVA, 115KVA, 125KVA, 150KVA (V1308)	0087
20KVA, HR392A, HR488H, HR488HT, HR488HTA, HR492A, HR492HT, HT9	0447
500, 542, 700, 900, 912, 1100	0485
505, 605, 705, 805, 905	0557
78, 85ID, 88, 110ID, 118, 128, 138, 148, 880, 980	0105
	1364
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
Valmet	0485
	1361
Valtra	1060
	1600

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
Victor	0170
Vauxhall	1056

Volga	Nº Zen
Volga with 402 Engine	1175
Volga with 406 Engine	1176
Volga	1175

Volkswagen	Nº Zen
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
Apollo c/ partida Lucas	0753

Volkswagen	Nº Zen
► Apollo Classic	0469
Apollo GL, GLS c/ partida Bosch (AP 1.8)	0323
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
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 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 com 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
Caminhão VW14.170, VW14.210, VW16.170, VW16.210	0089
	0122
	0133
Caminhão VW com motor Cummins B Eletrônico	1623
Caminhões c/ partida Prestolite	1523
Caminhões e Ônibus c/ motor MWM	1092
Caminhões e Ônibus VW 13190, 15190 e 17210 com motor MWM	1091
Carat	0443
Caravelle 1.9	0937
Caravelle 2.0	0799
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



Volkswagen	Nº Zen
► Derby	0068
Derby c/ partida Bosch (Alemã)	0482
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
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
Gacel	0443
Gol	0328
	0467
	0866
	1133
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

Volkswagen	Nº Zen
► 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	0068
Gol C, Gol Cl, Gol Gl refrigerado a água c/ partida Wapsa	0329
Gol c/ partida Bosch (Alemã)	0482
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
	0482
	0933
Golf Turbo diesel	0619
Golf 1.1, 1.3	0068
Golf 1.1, 1.3 c/ partida Bosch (Alemã)	0482
Golf 1.5 D	0323
Golf 1.6	1534
Golf 1.6, 1.8, diesel	0579
Golf 1.8	0729
	0799
	0900
	1069
Golf 1.8 4 Motion	1069
Golf 1.8, Golf III 1.9 TDI	0932
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	0579
Golf D, Jetta D, TD	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

Volkswagen	Nº Zen
► 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
Golf IV 2.0 Variant	1069
Golf Jetta	0065
Golf TD, Jetta TD	0406
Golf, Golf D, Jetta, Passat 1.6	0323
IM1200, IM127, IM1300, IM1302, IM1303, IM1500, IM1600, IM181, IM411, IM412	0323
Jetta	0068
	0323
	0482
Jetta 1.1, 1.3, 1.7 (USA)	0068
Jetta 1.3 c/ partida Bosch (Alema)	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

Volkswagen	Nº Zen
► Jetta Carat 1992 L4 1.8 gas.	0799
Jetta D, TD	0579
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
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



Volkswagen	Nº Zen
► 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	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 com motor Cummins 6B Eletrônico 5.9	1604
Ônibus 16210 com motor MWM, Ônibus 17210 com motor MWM, Ônibus 17220 com 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 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
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

Volkswagen	Nº Zen
► 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 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 1.8 e 2.0 lts. c/ motor Audi 827	0860
Polo	0068
	0482
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
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

Volkswagen	Nº Zen
►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
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 (Alema)	0482
Santana D Turbo	0420
Santana Mi 1996	0866
Santana, Quantum 1.8, 2.0 CL, GL, GLS	0108
Saveiro	0866
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

Volkswagen	Nº Zen
►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 (Alema)	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 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
Senda Saveiro	1133
Sharan 1.8T, 2.0	1108
Sharan 1.9 TDI	0937
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 (Alema)	0482
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 (Alema)	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





Volkswagen	Nº Zen
► 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 (Alema)	0482
Voyage GLS, Saveiro 1.8 álcool e gasolina	0108
VW	0639
	0797
	0972
VW LT 28 SDI, LT 35 SDI, LT 46 SDI	1480
VW Titan com 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
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 series 2.4L, 2383cc (D24) 1985	9702
240, 260, 340, 360	0537
345	1187
406, 407, F82, F83S	0118

Volvo	Nº Zen
► 440, 460, 480, S40, V40	1209
440TD, 460TD	1023
66	0244
740 2.0, 2.2, 2.3	0482
740 Series 2.4L, 2383cc (D24T) 1985-1986	9702
760 Series 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
FH12 1993, FH12 1995	0089
FL180, 220, 250	1179
FL7 1991	0089
FM 1998	1160
FM12 1998	0089
FS7 1994-1996	0089
S40	0787
VM 17, VM 23, ambos com motor MWM	1092
Volvo	0218
	0244
	0302
	0308
	0925
	1056
Yavuz Kamyon	0367

Volvo Penta	Nº Zen
Volvo Penta	0111

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



Willys	Nº Zen
► 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
Jet Ski	0749
Jet Ski Super Jet Wave Blaster 700	0749
VXR650, 1100, 650, 700, FX1, LX 650, VXRPRO650	0749
Wave Raider 760, 650 II e III	0749
Wave Venture 1100	0749
LX500 cc	0754
Super Jet	0749
Wave Runner 700	0749
Yamaha	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
Tractors	0785
Trator 1050D, 1050D 4x4	0105
	0118
	068
Yanmar	0061
	0644
	0691
Zanella	Nº Zen
Trator/Tractor 500, 540, 580, 690	1603
Trator 160 - PTRAC, Tractor 180 - PTRAC	1604
Zastava	Nº Zen
1300	0533
Zastava	1056
	1059
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



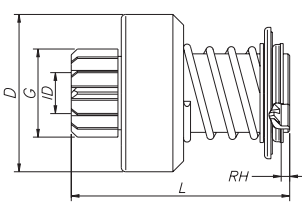
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Search - Starter Drives Families

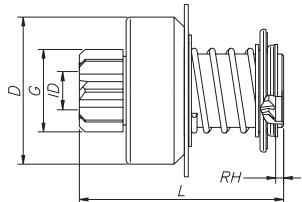
Búsqueda - Familia de Impulsores

1 a 6	129
7 a 12	130
13 a 15	131
16 a 18	132
19 a 20	133
21 a 26	134
27 a 31	135
32 a 35	136
36 a 39	137
40 a 46	138
47 a 48	139
49 a 52	140
53 a 58	141
59 a 66	142
67 a 72	143
73 a 81	144
82 a 85	145
86 a 92	146
93 a 94	147
95 a 99	148
100 a 102	149
103 a 107	150
108 a 112	151
113 a 117	152
118 a 124	153
125 a 129	154
130 a 134	155

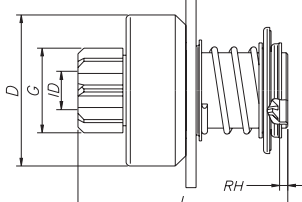
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0108	9	25.8	64	10	12	46.5	2.5	CW						
0111	11	29.5	64	10	12	46.5	2.5	CW						
0222	10	26.82	64	10	12	46.5	2.5	CW						
0292	9	25.8	64	10	11	46.5	2.5	CW						
0325	9	25.8	62	10	12	46.5	3	CW						
0361	9	29.64	64	10	12	46.5	2.5	CW						
0417	9	34.8	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						



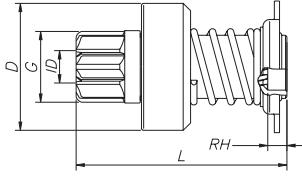
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	002
0068	9	25.8	64	10	12	46.5	2.5	CW		
0323	9	25.816	62	10	11	46.5	3	CCW		



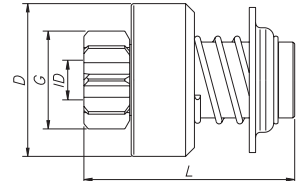
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0221	9	25.8	64	10	12	46.5	2.5	CW		



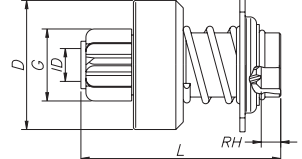
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	004
0135	9	25.8	77	12	12	46.5	7	CW		
0905	10	27.94	77	12	12	46.5	7	CW		

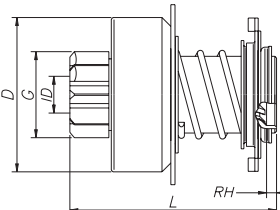


	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	005
0162	9	29.64	64	9	12.1	46.5	-	CW		
0238	9	25.8	64	9	12.1	46.5	-	CW		
0445	9	25.8	61.5	9	12.1	46.5	-	CW		



	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	006
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		



• Número Zen • Zen Number • Número Zen		• No de Dentes • # of Pinion Teeth • # de los Dientes del Piñón		• Diámetro Externo • Pinion O.D. • Piñón - Dimensión Externa (mm)		• Comprimento Total • Length • Largo (mm)		• No de Estrías • # of Splines • # de Estrías		• Diámetro da Bucha • Pinion I.D. • Piñón - Dimensão Interna (mm)		• Diámetro da Capa • Drive O.D. • Dimensão Externa (mm)		• Profundidade do Rebaxo • Height of Rabbet • Altura del Rebajo (mm)		• Sentido de Rotação • Rotation • Rotación		
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia									007
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										

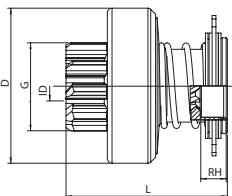
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0163	9	34.4	64	10	12	46.5	2.5	CW		
0653	9	25.8	64	10	12	46.5	2.5	CW		
0673	11	34.4	64	10	12	46.5	2.5	CW		

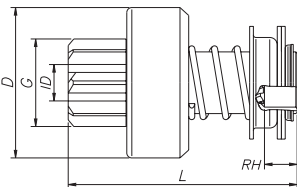
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0115	9	25.8	66	10	12	46.5	2.5	CW		
0139	9	25.8	64	10	12	46.5	2.5	CW		
0300	9	29.64	64	10	12	46.5	2.5	CW		
0674	9	25.8	66	10	12	46.5	2.5	CW		
0676	9	25.8	74	10	12	46.5	2.5	CW		

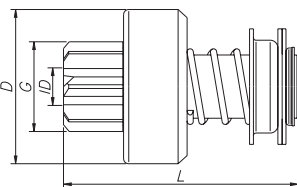
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	010
0120	9	25.8	70.8	6	11.5	46.5	7	CW		
0213	11	29.5	68	6	14	46.5	-	CW		
0389	11	29.5	70.8	6	11.5	46.5	7	CW		
0397	9	29.64	70.8	6	11.5	46.5	7	CW		
0408	9	25.8	69	6	11.5	46.5	5	CW		
0443	9	25.8	62.5	6	12	46.5	3	CW		
0671	8	28.2	71	6	11.5	46.5	7	CW		
0714	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		

	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	011
0540	11	29.5	66.5	6	14	46.5	-	CCW		
0605	9	25.8	77	6	11	46.5	3	CCW		

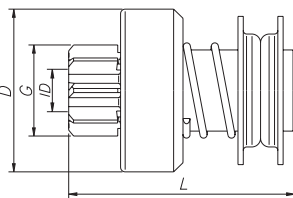
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	012
0608	9	35.5	81.5	6	17	60	4	CW		

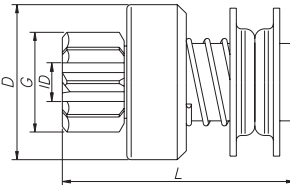
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1104	9	34.8	62	10	12	60	11	CW		
1117	9	25.8	62	10	12	54.3	11	CW		
1477	9	29.64	62	10	12	54.3	11	CW		

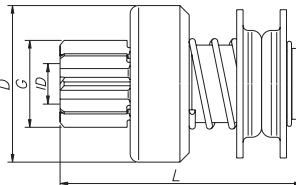
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0101	11	41	89	10	14.3	60	20	CW		
0105	9	34.8	91	10	14.3	60	13	CW		
1364	9	34.8	91	10	14.3	60	13	CW		
0118	10	40	91	10	14.3	60	13	CW		
0301	9	34.8	91	10	14.3	60	25	CW		
0302	10	40	91	10	14.3	60	25	CW		
0303	12	46	94	10	14.3	60	13	CW		
0304	10	32	91	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		

	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	015
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		

• Número Zen • Zen Number • Número Zen	• No de Dientes • # of Pinion Teeth • # de los Dientes del Piñón	• Diámetro Externo • Pinion O.D. • Piñón - Dimensión Externa (mm)	• Comprimiento Total • Length • Largo (mm)	• No de Estrías • # of Splines • # de Estrías	• Diámetro da Bucha • Pinion I.D. • Piñón - Dimensión Interna (mm)	• Diámetro da Capa • Drive O.D. • Dimensión Externa (mm)	• Profundidade do Rebaiço • Height of Rabbet • Altura del Rebajo (mm)	• Sentido de Rotación • Rotation • Rotación
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
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	24	CW
1528	10	32	100.5	10	14.26	60	24	CW
1594	11	42	91	10	14.26	60	-	CW
1616	10	39.5	77	10	14.3	60	18.3	CW

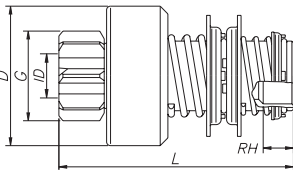
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	016
0216	9	36.5	76	12	14	54.5	-	CW		
0245	9	25.8	59.5	9	12	46.5	-	CCW		
0530	10	27.94	76	12	12	54.5	-	CW		

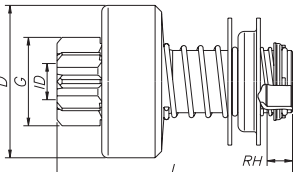
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	017
0081	9	29.64	68.5	3	12	46.5	-	CW		
0104	9	25.8	72	6	12	46.5	-	CW		
0114	12	46.3	108	6	14.3	60	-	CW		
0126	9	25.8	72	6	12	46.5	-	CW		
0158	9	25.8	70	9	12	46.5	-	CW		
0192	9	25.816	64	3	11	46.5	-	CCW		
0215	9	29.64	76	12	14	54.5	-	CW		
0217	9	29.64	76	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		

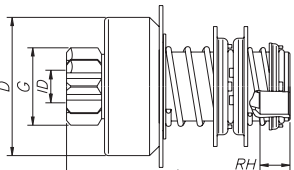
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	018
0189	9	25.8	68	9	12	46.5	-	CW		
0244	9	25.8	61.5	9	12	46.5	-	CW		
0371	9	25.8	58.5	9	12	46.5	-	CCW		

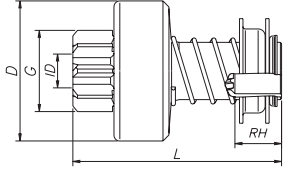
Technical drawing of a spring with dimensions D , G , D_0 , and L .

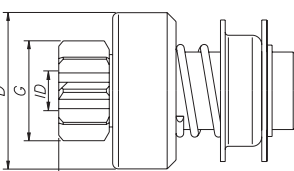
Technical drawing of a mechanical assembly. The drawing shows a cross-section of a shaft with a pin and a spring. The dimensions are labeled as follows: D is the outer diameter of the shaft, G is the diameter of the pin, l_D is the length of the pin, and L is the total length of the assembly.

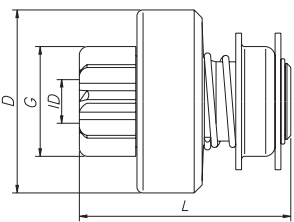
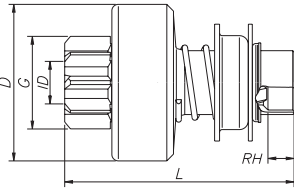
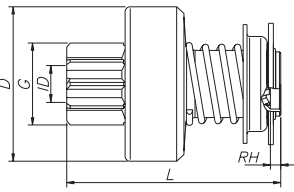
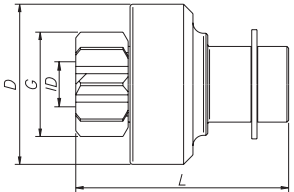
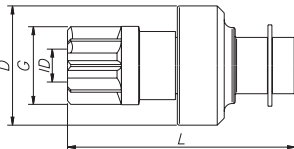
• Número Zen • Zen Number • Número Zen		• No de Dentes • # of Pinion Teeth • # de los Dientes del Piñón		(mm) • Diámetro Externo • Pinion O.D. • Piñón - Dimensión Externa		(mm) • Comprimento Total • Length • Largo		• No de Estrías • # of Splines • # de Estrías		(mm) • Diámetro da Bucha • Pinion I.D. • Piñón - Dimensão Interna		(mm) • Diámetro da Capa • Drive O.D. • Dimensão Externa		• Profundidade do Rebabo • Height of Rabbet • Altura del Rebajo		• Sentido de Rotação • Rotation • Rotación		
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia									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										
0611	9	25.8	68	6	12	43.5	6	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	CCW										
0902	11	41	91	12	14.3	60	15.0	CW										
1076	9	34.8	86.9	3	14.3	54.5	13	CW										

	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	022
0225	9	34.8	92.5	3	14.3	60	10	CW		
0226	11	41	92.5	3	14.3	60	10	CW		

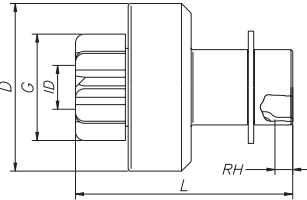
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	023
0006	9	29.64	74.5	3	14.3	46.5	10	CCW		
0191	9	25.816	74.5	3	11	46.5	10	CCW		

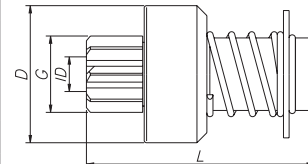
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	025
0440	9	34.8	95	10	15	60	7	CW		

	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	026
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		
0769	9	25.8	65.5	6	11.5	40	10.5	CCW		
1056	9	25.8	65	12	11.5	45.5	-	CW		

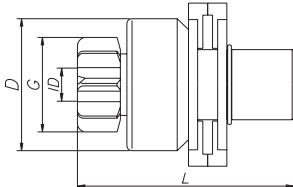
Número Zen Zen Number Número Zen	Nº de Dientes # of Pinion Teeth # de los Dientes del Piñón	Dímetro Externo Pinion O.D. Piñón - Dimensión Externa	Comprimento Total Length Largo	Nº de Estrias # of Splines # de Estrias	Dímetro da Bucha Pinion I.D. Piñón - Dimensión Interna	Dímetro da Capa Drive O.D. Dimensión Externa	Profundidade do Rebabo Height of Rabbet Altura del Rebajo	Sentido de Rotação Rotation Rotación	
1588	9	25.8	65	12	11.5	45.5	16.5	CCW	
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia 027
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	
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia 028
0953	9	35.5	88	3	16.1	60	10	CW	
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia 029
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	
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia 030
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	
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia 031
0577	9	29.64	73.5	8	12.8	45.5	-	CW	

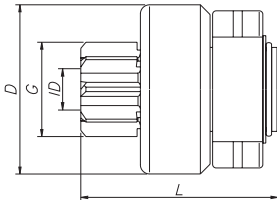
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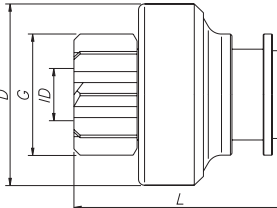
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	034
0545	8	28.2	64	10	12.5	46.5	7	CW		
0756	11	30	61.5	6	12	46.2	2.5	CW		
0770	9	25.8	45	6	12	43.5	-	CW		
0774	9	25.8	61.5	6	12	46.2	2.5	CW		
0809	9	29.6	53.5	5	11	43.5	2	CW		
0830	8	28.2	53.5	5	11	41.5	2	CW		
0841	9	29.6	53.5	5	11	41.5	2	CW		
0843	8	23.92	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		
1620	8	28.2	64	6	12	43.5	-	CCW		

	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia 035 
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	15	CW	
1506	10	39	71.5	10	14.3	60	12	CW	
1507	9	34.8	71.5	10	14.3	60	12	CW	
1615	10	39.5	68	10	12.06	60	12	CW	

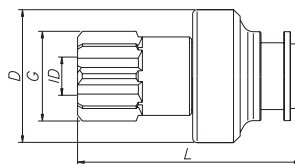
· Número Zen · Zen Number · Número Zen		· Nº de Dentes · # of Pinion Teeth · # de los Dientes del Piñón		· Diâmetro Externo · Pinion O.D. · Piñón - Dimensión Externa (mm)		· Comprimento Total · Length · Largo (mm)		· Nº de Estrias · # of Splines · # de Estrias		· Diâmetro da Bucha · Pinion I.D. · Piñón - Dimensión Interna (mm)		· Diâmetro da Capa · Drive O.D. · Dimensión Externa (mm)		· Profundidade do Rebaixo · Height of Rabbet · Altura del Rebajo (mm)		· Sentido de Rotação · Rotation · Rotación		
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia									036
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										

T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	037
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	

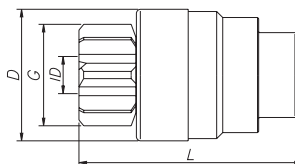
T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	038
0786	9	25.8	64	6	11.5	46.5	4.5	CW	
1206	9	25.8	64	6	11.5	46.5	4.5	CW	
1227	9	25.8	64	6	11.5	46.5	4.5	CW	
1333	9	25.8	64	6	11.5	46.5	4.5	CW	
0878	11	29.5	52.5	10	12	46.5	-	CW	
0969	9	29	52.5	10	12	46.5	-	CW	

T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	039
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	23	CW	
1515	10	39.5	73.5	12	14.26	60	-	CW	

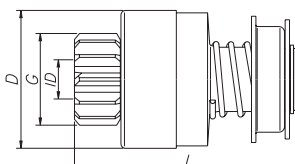
	• Número Zen • Zen Number • Número Zen	• No de Dientes • # of Pinion Teeth • # de los Dientes del Piñón	• Diámetro Externo • Pinion O.D. • Piñón - (mm)	• Diámetro Externo • Pinion O.D. • Piñón - (mm)	• No de Estrías • # of Splines • # de Estrías	• Diámetro da Bucha • Pinion I.D. • Piñón - (mm)	• Diámetro da Bucha • Pinion I.D. • Piñón - (mm)	• Profundidade do Rebabo • Height of Rabbet • Altura del Rebajo	• Sentido de Rotación • Rotation • Rotación	Familia/Family/Familia	040
	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			



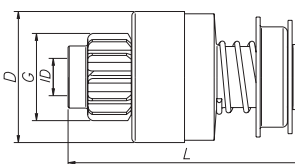
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	041
0434	10	40	102	4	17	60	-	CW		
0607	12	46.3	102	4	17	60	-	CW		
0813	10	40	108.5	4	17	60	-	CW		
0948	10	40	104	18	17	60	4	CW		
0967	11	56.7	119	18	17	60	4	CW		



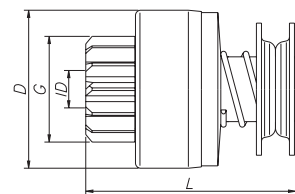
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	043
0670	13	40	100	10	17	60	-	CW		
0721	10	40	85.5	12	14	60	4	CW		
0722	10	32	85.5	12	14	60	4	CW		
0723	12	46.3	85.5	12	14	60	4	CW		
0894	11	40.6	84	12	15	60	4	CW		
0985	9	36.5	85.5	12	14	60	4	CW		
1112	9	36.5	85.5	12	14	60	4	CW		



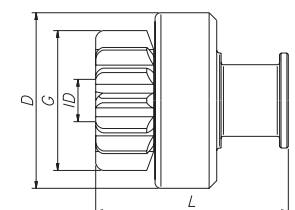
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	044
0669	13	40	109	10	17	60	-	CW		



	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	045
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		

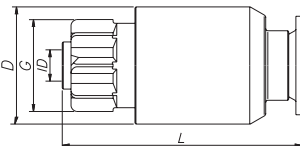


	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	046
1090	10	32.1	80	10	14	60	-	CW		
1091	10	37.8	80	10	14	60	-	CW		
1092	10	37.8	80.5	6	15	60	2	CW		
1098	11	40	75	16	17.03	60	3.4	CW		
1523	12	46.3	78.5	6	15	60	2	CW		
1595	10	40	80	6	15	60	-	CW		
1596	9	34.8	80	10	14.01	60	-	CW		
1602	10	39.5	60.5	10	14.06	60	-	CW		

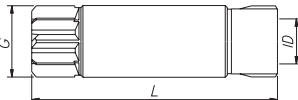


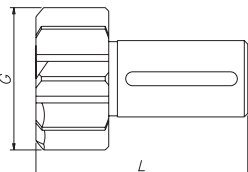
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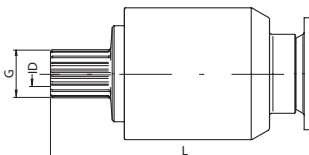
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	050
0140	9	29.64	82	10	12.5	46.5	2.5	CW		
0327	9	29.64	86	10	12.5	46.5	7	CW		
0339	9	25.8	82	10	12.5	46.5	2.5	CW		
0341	9	29.64	86	10	12.5	46.5	7	CCW		
0342	8	27.6	86	10	12.5	46.5	7	CCW		
0343	9	34.8	82	10	12.5	46.5	2.5	CW		
0353	9	29.64	82	10	12.5	46.5	-	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		

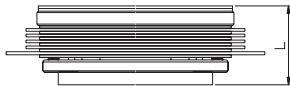
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	051
0097	12	46.3	120.1	19	15.9	-	-	-		
0110	11	56.7	120.1	19	15.9	-	-	-		
0117	12	46.3	120.1	19	19	-	-	-		
0182	13	49.7	120.1	19	15.9	-	-	-		
0188	11	56.7	120.1	19	19	-	-	-		
1190	10	40.4	118	19	16	-	-	-		
0622	12	46.3	118	19	15.9	-	-	-		
0626	11	56.7	120.1	19	15.9	-	-	-		
0776	12	46.3	118	19	19	-	-	-		
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	-	-	-		

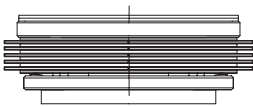
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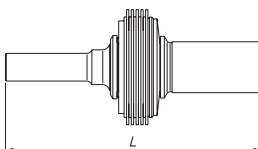
Número Zen Zen Number Número Zen	Nº de Dientes # of Pinion Teeth # de los Dientes del Piñón	Dímetro Externo Pinion O.D. Piñón - Dimensión Externa	Comprimento Total Length Longo	Nº de Estrias # of Splines # de Estrias	Dímetro da Bucha Pinion I.D. Piñón - Dimensión Interna	Dímetro da Capa Drive O.D. Dimensión Externa	Profundidade do Rebabo Height of Rabbet Altura del Rebajo	Sentido de Rotação Rotation Rotación	Familia/Family/Familia	053
0035	9	34.8	120	3	-	-	-	CW		
0036	11	41	120	3	-	-	-	CW		
0037	13	47	120	3	-	-	-	CW		

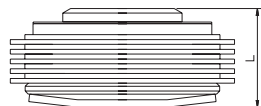
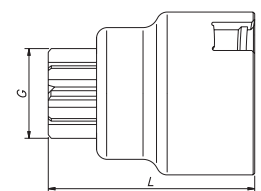
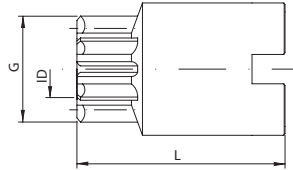
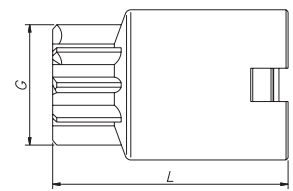
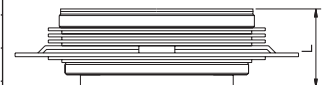
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	054
0078	13	47	61.1	-	-	-	-	CW		
0087	11	41	61.1	-	-	-	-	CW		
0088	11	56	61.1	-	-	-	-	CW		
0089	12	46.3	61.1	-	-	-	-	CW		
0218	9	34.8	61.1	-	-	-	-	CW		
1111	9	34.8	45	-	-	-	-	CW		
1181	11	42.4	61.1	-	-	-	-	CW		

	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	055
1214	16	21.36	114	19	12	-	-	CW		

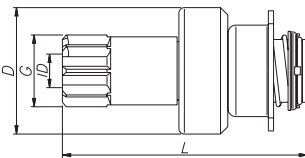
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	056
0204	-	-	-	-	-	-	-	-		

	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	057
0121	-	-	-	-	-	-	-	-		

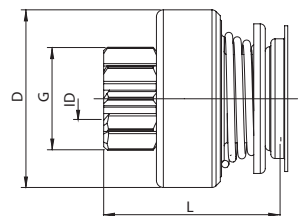
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	058
0133	-	-	-	-	-	-	-	-		

	Número Zen Zen Number Número Zen	Nº de Dentes # of Pinion Teeth # de los Dientes del Piñón	Diámetro Externo Pinion O.D. Piñón - Dimensión Externa (mm)	Comprimiento Total Length Largo (mm)	Nº de Estrías # of Splines # de Estrías	Diámetro da Bucha Pinion I.D. Piñón - Dimensión Interna (mm)	Diámetro da Capa Drive O.D. Dimensión Externa (mm)	Profundidade do Rebordo Height of Rabbet Altura del Rebajo (mm)	Sentido de Rotação Rotation Rotación	Familia/Family/Familia	
0122	-	-	-	-	-	-	-	-	-		
0032	9	29.64	72	-	-	-	-	CCW			
1216	9	29.64	66	-	-	-	-	CW			
0171	9	29.64	58	-	-	-	-	CCW			
0380	10	29.6	58	-	-	-	-	CCW			
0170	9	29.64	58	-	-	-	-	CCW			
0280	10	29.6	58	-	-	-	-	CCW			
0201	-	-	-	-	-	-	-	-	-		

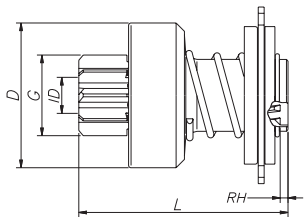
	• Número Zen • Zen Number • Número Zen	• No de Dientes • # of Pinion Teeth • # de los Dientes del Piñón	• Diámetro Externo • Pinion O.D. • Piñón - Dimensión Externa (mm)	• Comprimento Total • Length • Largo (mm)	• No de Estrías • # of Splines • # de Estrías	• Diámetro da Bucha • Pinion I.D. • Piñón - Dimensão Interna (mm)	• Diámetro da Capa • Drive O.D. • Dimensão Externa (mm)	• Profundidade do Rebordo • Height of Rabbet • Altura del Rebajo	• Sentido de Rotação • Rotation • Rotación	Familia/Family/Familia	073
0429	9	30	76.5	10	12.51	46.5	-	CW			
0537	9	25.8	76	10	12	46.5	-	CW			



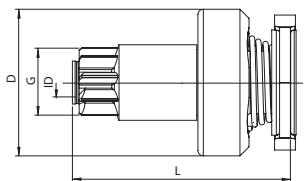
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	074
1545	8	27.2	48	10	11	47.4	6	CW		
1576	10	27.92	46	16	11	47.4	3.5	CW		
1597	10	26.82	46	16	11	47.4	3.5	CW		
1619	9	25.8	46	16	11	46.5	3.5	CW		
1641	9	25.8	46	10	11	45.3	6	CW		



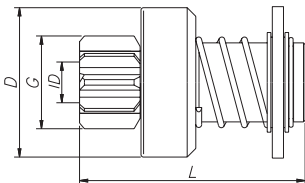
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	078
0394	11	29.5	65.5	10	11.5	46.5	2.5	CW		
0395	9	25.8	65.5	10	12	46.5	2.5	CW		



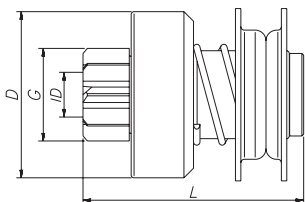
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	079
0932	9	25.8	80.5	16	11	54.5	-	CCW		
0937	10	27.94	80.5	16	11	54.5	-	CCW		
0972	9	25.7	90	16	11	54.5	-	CCW		
1480	9	25.7	80.5	16	-	54.5	-	CW		
1632	10	27.94	60	16	12	53.5	-	CCW		



	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	080
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		



	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	081
0404	9	25.8	61.5	11	13	46.5	-	CW		

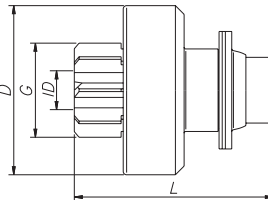


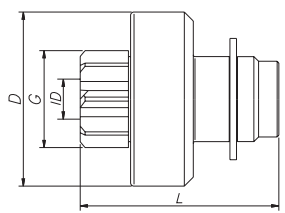
· Número Zen · Zen Number · Número Zen	· Nº de Dientes · # of Pinion Teeth · # de los Dientes del Piñón	· Diámetro Externo · Pinion O.D. · Piñón - Dimensión Externa	(mm)	(mm)	· Nº de Estrias · # of Splines · # de Estrias	· Diámetro da Bucha · Pinion I.D. · Piñón - Dimensión Interna	(mm)	(mm)	· Profundidade do Rebabo · Height of Rabbet · Altura del Rebajo	· Sentido de Rotación · Rotation · Rotación	Familia/Family/Familia	082
	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				

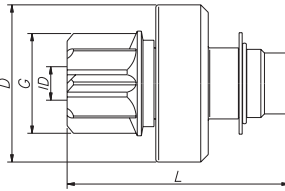
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	083
0409	9	29.3	68.5	12	12.1	46.5	-	CW		
1188	9	29.3	68.5	12	12.1	46.5	-	CW		
0412	9	29.3	75	12	12.1	46.5	-	CW		
0414	10	32	75	12	12.1	46.5	-	CW		

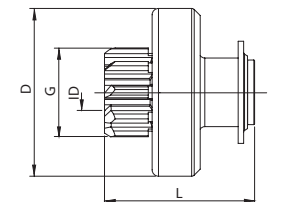
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0641	9	25.9	58.5	10	11	46.5	-	CW		
0745	9	25.8	53.5	10	12	46.5	-	CW		
0797	9	25.8	55.5	10	12	46.5	-	CW		
0837	9	25.8	58.5	10	12	46.5	-	CW		
0846	11	29.5	58.5	10	12	46.5	-	CW		
0855	11	29.5	55.5	10	12	46.5	-	CW		
0919	9	25.8	58.5	10	12	46.5	-	CW		
0942	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		

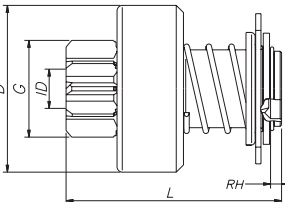
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	085
0646	10	27.94	61.5	9	12	54.5	-	CW		
0656	12	31.8	61.5	9	12	54.5	-	CW		
0657	9	37.1	61.5	9	12	54.5	-	CW		
0747	10	27.94	51.5	9	12	46.5	-	CW		
0775	9	25.8	51.5	9	12	46.5	-	CW		
0908	8	28.2	48	9	12.1	46.5	-	CW		
0916	9	36.5	61	10	12	60	-	CW		
0917	9	29.64	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		

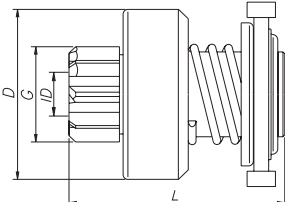
• Número Zen • Zen Number • Número Zen		• No de Dientes • # of Pinion Teeth • # de los Dientes del Piñón		• Diámetro Externo • Pinion O.D. • Piñón - Dimensión Externa (mm)		• Comprimento Total • Length • Largo (mm)		• No de Estrías • # of Splines • # de Estrías		• Diámetro da Bucha • Pinion I.D. • Piñón - Dimensão Interna (mm)		• Diámetro da Capa • Drive O.D. • Dimensão Externa (mm)		• Profundidade do Rebajo • Height of Rabbet • Altura del Rebajo		• Sentido de Rotação • Rotation • Rotación		
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia									086
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										

	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	087
0935	11	29.5	55	9	12	46.5	-	CW		
1187	9	25.8	55	9	12	46.5	-	CW		

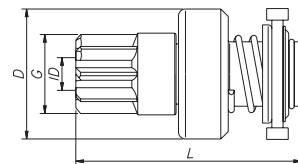
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	088
0647	11	34.4	76.5	9	12	54.5	-	CW		

	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	089
1533	9	24.5	41.15	10	11	46	-	CW		

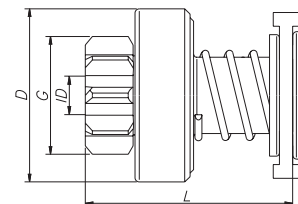
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	091
0407	9	34.8	77.5	6	14.3	60	4	CW		
0601	9	34.8	77.5	6	14.3	60	-	CW		
1161	11	30	77.5	6	14.3	60	-	CW		

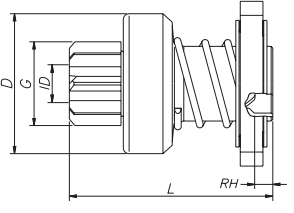
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	092
0406	9	25.8	64	10	11	46.5	-	CCW		
0420	9	25.8	64	10	12	46.5	-	CW		
0633	10	26.82	64	10	12	46.5	-	CW		

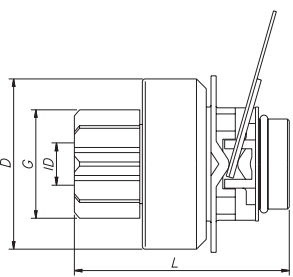
· Número Zen · Zen Number · Número Zen	· Nº de Dientes · # of Pinion Teeth · # de los Dientes del Piñón	· Diámetro Externo · Piñón O.D. · Piñón - Dimensión Externa	(mm)	(mm)	· Diámetro da Bucha · Piñón I.D. · Piñón - Dimensão Interna	(mm)	(mm)	· Profundidade do Rebaixo · Height of Rabbet · Altura del Rebajo	· Sentido de Rotación · Rotation · Rotación	Familia/Family/Familia	093
T	G	L	SPL	ID	D	RH	CW/CCW				
0428	9	25.8	85	10	12	46.5	-	CCW			

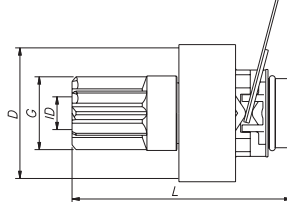


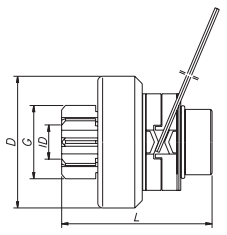
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	094
0852	8	27.2	52.0	10	11	46.5	-	CW	
0861	9	36.8	62	10	12	54.5	-	CW	
0925	9	25.8	49.5	10	12	46.5	-	CW	
0929	11	35.8	62	10	12	54.5	-	CW	
0938	10	26.82	48.5	10	12	46.5	-	CW	
0976	9	25.8	47.5	10	12	46.5	-	CW	
0997	9	29.64	49	10	12	46.5	-	CW	
0998	9	29.64	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	
1643	9	29.64	58	16	12	54.5	13.2	CW	

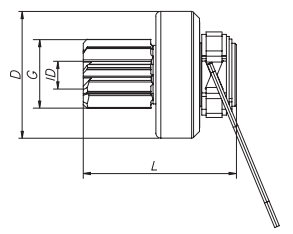


	Número Zen Zen Number Número Zen	Nº de Dientes # of Pinion Teeth # de los Dientes del Piñón	Diámetro Externo Pinion O.D. Piñón - Dimensión Externa (mm)	Comprimiento Total Length Largo (mm)	Nº de Estrías # of Splines # de Estrías	Diámetro de Bucha Pinion I.D. Piñón - Dimensión Interna (mm)	Diámetro de Capa Drive O.D. Dimensión Externa (mm)	Profundidade do Rebaiço Height of Rabbet Altura del Rebajo (mm)	Sentido de Rotação Rotation Rotación	Familia/Family/Familia	095
	0610	9	25.8	68	3	12	43.5	6	CW		
	0612	9	25.8	69	3	12	43.5	-	CW		
	0752	9	25.8	63	6	12	43.5	5.5	CW		

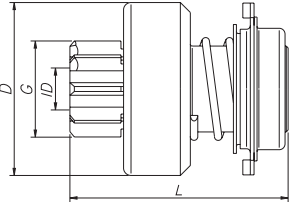
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	096
0467	9	25.8	54.5	9	12.1	46.5	-	CW		
0468	9	25.8	51.5	9	12.1	46.5	-	CW		
0469	10	26.82	63.5	9	12	46.5	-	CW		
0740	11	29.5	58.5	9	12	46.5	-	CW		
0741	9	25.8	58	9	12	46.5	-	CW		
0742	9	25.8	64	9	12	46.5	-	CW		
0743	11	29.5	54.5	9	12.1	46.5	-	CW		
0753	9	25.8	67.5	9	12.1	46.5	-	CCW		

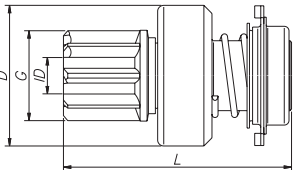
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	097
0762	10	27.94	86.5	9	12.1	46.5	-	CCW		

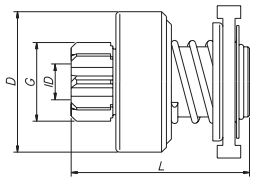
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	098
0574	9	25.8	53	9	12	46.5	-	CW		
0820	10	26.82	50.5	9	12.1	46.5	-	CW		
0821	10	26.82	44	9	12.1	46.5	-	CW		
0822	10	26.82	56.5	9	12.1	46.5	-	CCW		
0823	10	26.82	48	9	12.1	46.5	3	CW		
1068	9	25.8	53	9	12.06	46.5	-	CCW		

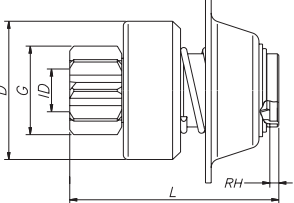
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	099
0863	8	28.20	48	9	12.1	46	3	CW		
0960	10	26.82	60.5	9	12.1	46.5	3	CCW		
1062	8	28	65.5	9	12.06	46.5	-	CW		
1475	9	25.8	56	9	12.1	46.5	-	CW		

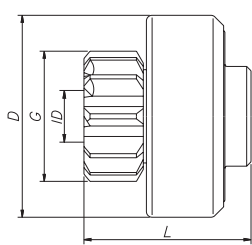
.Número Zen .Zen Number Número Zen		.No de Dentes # of Pinion Teeth # de los Dientes del Piñón		(mm)		(mm)					
		.Diámetro Externo .Pinion O.D. Piñón -		.Dimensión Externa .Length Largo				.No de Estrías # of Splines # de Estrías		.Diámetro da Bucha .Pinion I.D. Piñón -	
								.Dimensión Interna .Drive O.D. Dimensão Externa		(mm)	
								.Profundidade do Rebaixo .Height of Rabbet Altura del Rebajo		.Sentido de Rotação .Rotation Rotación	

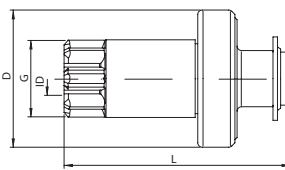
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	104
0702	9	25.8	58.5	10	11	46.5	-	CCW		
0703	9	25.8	68	10	11	46.5	-	CCW		

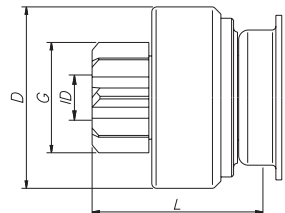
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	105
0701	9	29.6	75	10	12	46.5	-	CCW		

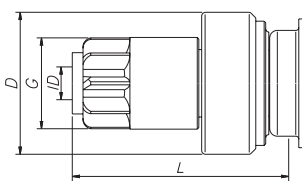
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	106
0781	11	29.5	64	10	12	46.5	-	CW		
0803	9	25.8	58.5	10	12	46.5	-	CW		
1467	8	27.2	66.5	10	12	46.5	-	CCW		

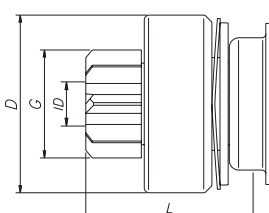
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	107
0533	9	29.64	70	6	14	46.5	3	CW		
0713	9	29.64	70	3	14	46.5	-	CW		

· Número Zen · Zen Number · Número Zen	· Nº de Dientes · # of Pinion Teeth · # de los Dientes del Piñón	· Diámetro Externo · Piñón O.D. · Piñón - Dimensión Externa	(mm) · Longitud · Longo	(mm) · Nº de Estrias · # of Splines · # de Estrias	· Diámetro da Bucha · Piñón I.D. · Piñón - Dimensión Interna	(mm) · Drive O.D. · Dimensión Externa	(mm) · Profundidade do Rebaixo · Height of Rabbet · Altura del Rebajo	· Sentido de Rotación · Rotation · Rotación	Familia/Family/Familia	108
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		

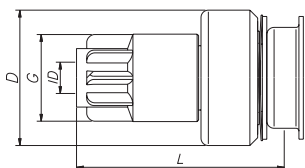
· Número Zen · Zen Number · Número Zen	· Nº de Dientes · # of Pinion Teeth · # de los Dientes del Piñón	· Diámetro Externo · Piñón O.D. · Piñón - Dimensión Externa	(mm) · Longitud · Longo	(mm) · Nº de Estrias · # of Splines · # de Estrias	· Diámetro da Bucha · Piñón I.D. · Piñón - Dimensión Interna	(mm) · Drive O.D. · Dimensión Externa	(mm) · Profundidade do Rebaixo · Height of Rabbet · Altura del Rebajo	· Sentido de Rotación · Rotation · Rotación	Familia/Family/Familia	109
1534	9	25.8	75	10	10	46	-	CCW		

· Número Zen · Zen Number · Número Zen	· Nº de Dientes · # of Pinion Teeth · # de los Dientes del Piñón	· Diámetro Externo · Piñón O.D. · Piñón - Dimensión Externa	(mm) · Longitud · Longo	(mm) · Nº de Estrias · # of Splines · # de Estrias	· Diámetro da Bucha · Piñón I.D. · Piñón - Dimensión Interna	(mm) · Drive O.D. · Dimensión Externa	(mm) · Profundidade do Rebaixo · Height of Rabbet · Altura del Rebajo	· Sentido de Rotación · Rotation · Rotación	Familia/Family/Familia	110
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		

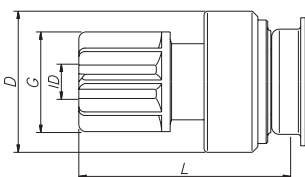
· Número Zen · Zen Number · Número Zen	· Nº de Dientes · # of Pinion Teeth · # de los Dientes del Piñón	· Diámetro Externo · Piñón O.D. · Piñón - Dimensión Externa	(mm) · Longitud · Longo	(mm) · Nº de Estrias · # of Splines · # de Estrias	· Diámetro da Bucha · Piñón I.D. · Piñón - Dimensión Interna	(mm) · Drive O.D. · Dimensión Externa	(mm) · Profundidade do Rebaixo · Height of Rabbet · Altura del Rebajo	· Sentido de Rotación · Rotation · Rotación	Familia/Family/Familia	111
0712	9	29.64	77	8	10.7	46.5	-	CW		
1592	9	29.64	68	8	10.69	46.5	-	CW		

· Número Zen · Zen Number · Número Zen	· Nº de Dientes · # of Pinion Teeth · # de los Dientes del Piñón	· Diámetro Externo · Piñón O.D. · Piñón - Dimensión Externa	(mm) · Longitud · Longo	(mm) · Nº de Estrias · # of Splines · # de Estrias	· Diámetro da Bucha · Piñón I.D. · Piñón - Dimensión Interna	(mm) · Drive O.D. · Dimensión Externa	(mm) · Profundidade do Rebaixo · Height of Rabbet · Altura del Rebajo	· Sentido de Rotación · Rotation · Rotación	Familia/Family/Familia	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		
1035	12	37.6	51.5	8	13.22	46.5	-	CW		
1063	9	35.5	44.5	8	13.01	46.5	-	CW		

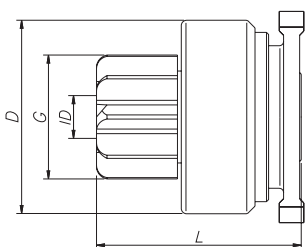
	• Número Zen • Zen Number • Número Zen	• No de Dentes • # of Pinion Teeth • # de los Dientes del Piñón	• Diámetro Externo • Pinion O.D. • Piñón - (mm)	• Comprimento Total • Length • Largo - (mm)	• No de Estrías • # of Splines • # de Estrías	• Diámetro da Bucha • Pinion I.D. • Piñón - (mm)	• Diámetro da Capa • Drive O.D. • Dimensão Externa - (mm)	• Profundidade do Rebordo • Height of Rabbet • Altura del Rebajo - (mm)	• Sentido de Rotação • Rotation • Rotación	Família/Family/Familia	113
0758	9	29.64	78.5	8	10.7	46.5	-	CW			



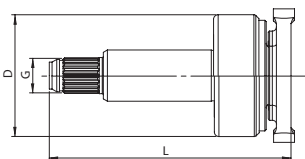
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	114
1018	8	28.2	76	8	12	46.5	-	CCW		
1019	30	-	93	8	10.74	46.5	-	CCW		



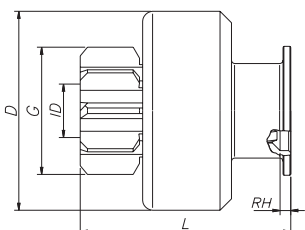
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	115
1192	10	27.94	47	12	12	46.5	2	CW		
1224	10	27.94	46.6	12	12	45.3	1.85	CW		
1193	9	30	47	12	12	46.5	2	CW		
1225	9	30	46.5	12	12	46.5	1.85	CW		
1199	12	31.8	47	12	12	46.5	2	CW		
1226	12	31.8	46.5	12	12	46.5	1.85	CW		
1208	10	26.82	47	12	12	46.5	2	CW		
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		
1585	11	34.4	46.6	6	12.06	45.3	-	CW		
1612	11	34.4	44.5	12	12	46.5	2	CW		



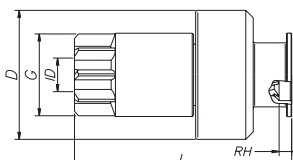
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	116
0959	18	13.2	82	6	12	45.3	-	CW		

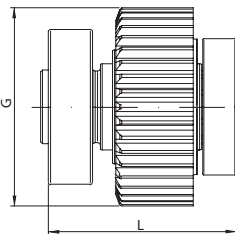


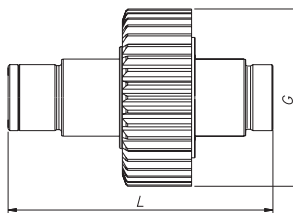
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	117
0634	9	29.6	49	10	12.5	46.5	2.5	CW		
0915	9	25.8	55	9	12.06	46.5	4	CW		
0978	10	40	61	10	12	60	-	CW		
0990	10	26.82	55	9	12.1	46.5	4	CW		
1020	8	28	38.5	10	12.51	46.5	8.5	CW		
1021	8	28	48.5	10	12.5	46.5	8.5	CW		
1134	10	27.94	55	9	12.1	46.5	4	CW		
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		

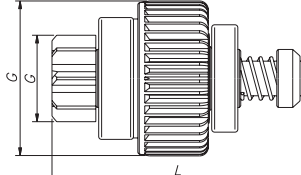


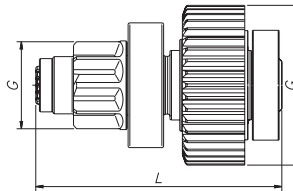
Número Zen Zen Number Número Zen	Nº de Dentes # of Pinion Teeth # de los Dientes del Piñón	Dímetro Externo Pinion O.D. Piñón - Dimensión Externa	(mm) Comprimento Total Length Largo	(mm) Nº de Estrias # of Splines # de Estrias	Dímetro da Bucha Pinion I.D. Piñón - Dimensión Interna	(mm) Dímetro da Capa Drive O.D. Dimensión Externa	(mm) Profundidade do Rebabo Height of Rabbet Altura del Rebajo	Sentido de Rotação Rotation Rotación
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

	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	118
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		

	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	120
1473	-	-	80.5	-	-	-	-	-		

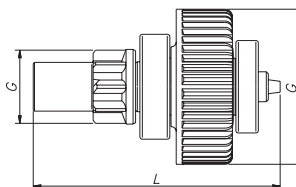
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	121
1211	-	-	80.5	-	-	-	-	CCW		
1212	-	-	80.5	-	-	-	-	CCW		
1213	-	-	52	-	-	-	-	CCW		

	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	122
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		

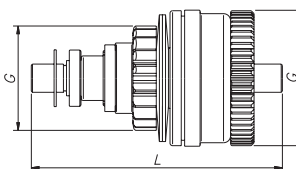
	T	G	L	SPL	ID	D	RH	CW/CCW	Família/Family/Familia	124
0750	11	-	83	-	-	-	-	CW		
1201	-	-	52	-	-	-	-	CW		
0816	10	-	83	-	-	-	-	CW		
0817	10	-	83	-	-	-	-	CW		
0818	9	-	83	-	-	-	-	CW		
0921	11	-	102	-	-	-	-	CW		
1215	-	-	64	-	-	-	-	CCW		
0946	9	-	102	-	-	-	-	CW		
0947	9	-	102	-	-	-	-	CW		

• Número Zen • Zen Number • Número Zen	• No de Dientes • # of Pinion Teeth • # de los Dientes del Piñón	• Diámetro Externo • Pinion O.D. • Piñón - (mm)	• Dimensión Externa • Length • Largo - (mm)	• No de Estrías • # of Splines • # de Estrías	• Diámetro da Bucha • Pinion I.D. • Piñón - (mm)	• Dimensão Interna • Drive O.D. • Dimension Externa - (mm)	• Profundidade do Rebabo • Height of Rabbet • Altura del Rebajo	• Sentido de Rotação • Rotation • Rotación
0954	10	-	83	-	-	-	-	CW
1097	10	-	102	-	-	-	-	CW
1566	10	-	98	-	-	-	-	CW
1601	11	-	-	-	-	-	-	CW

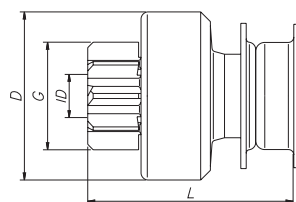
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	125
0815	9	-	99	-	-	-	-	CW		
1548	9	-	95.7	-	-	-	-	CW		



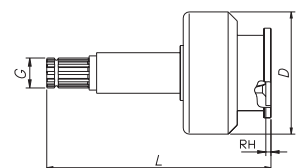
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	126
0749	19	-	107	-	-	-	-	CCW		
0751	17	-	91.5	-	-	-	-	CCW		
1036	23	-	107	-	-	-	-	CCW		



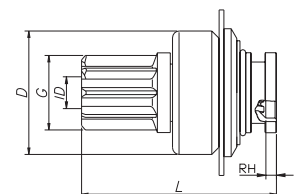
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	127
0896	9	29.64	53.5	12	12	46.5	-	CW		
1088	11	29.5	56.5	12	12	46.5	-	CCW		



	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	128
0887	20	14.7	110	5	-	60	-	CW		
1563	20	14.7	91	5	12	54.5	5.5	CW		



	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Family/Familia	129
0860	10	27.94	73	9	12.1	46.5	4	CCW		
1133	9	25.8	55	9	12.1	46.5	4	CW		



Technical drawing of a screw. The drawing shows a side view of the screw with a hexagonal head. Dimensions are labeled: D is the total diameter, G is the diameter of the hexagonal head, ID is the inner diameter of the thread, L is the length of the screw, and RH is the right-hand thread designation.

Technical drawing of a bolt head showing dimensions D , G , ID , and L .

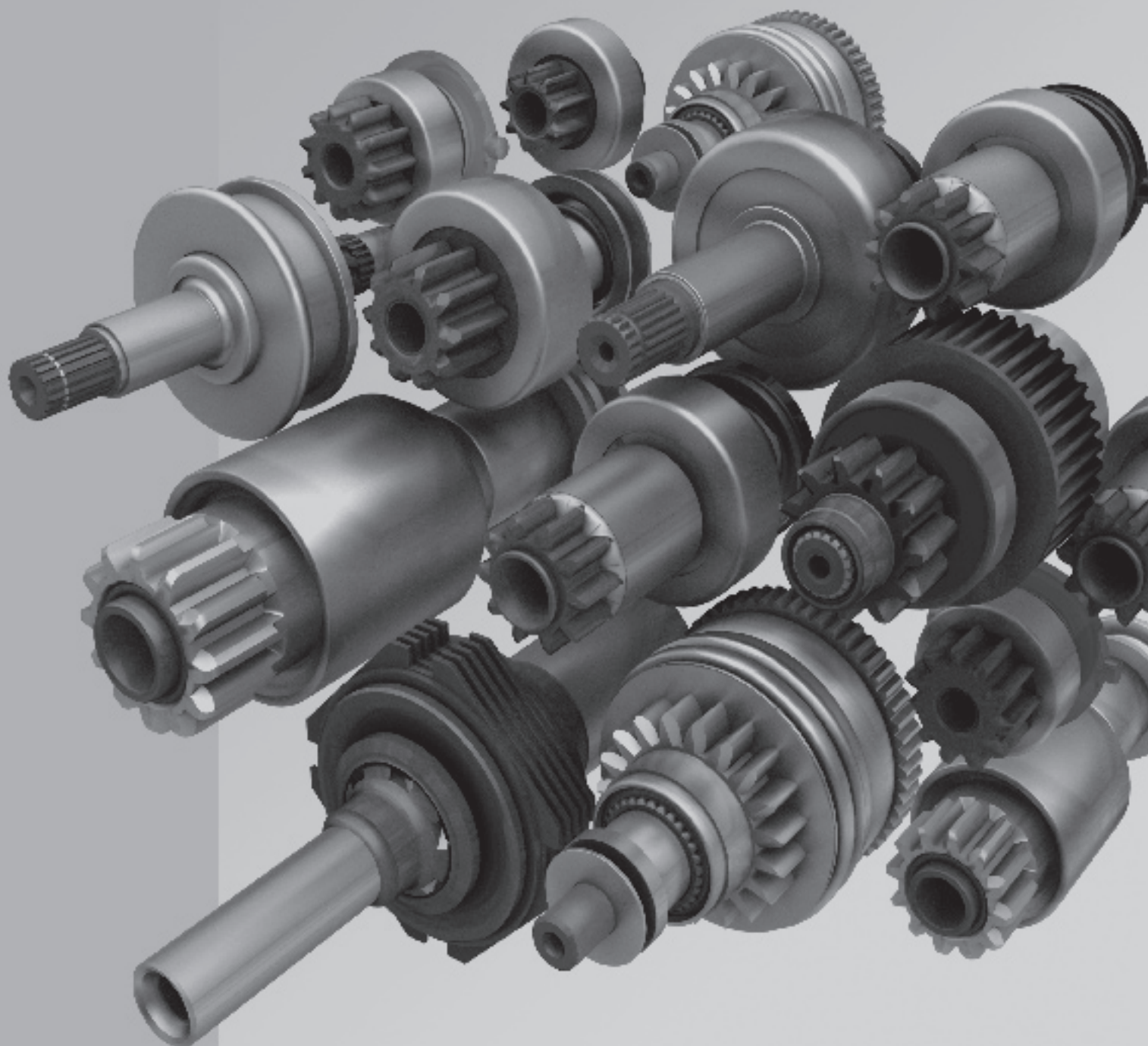
A technical drawing of a mechanical assembly, likely a piston and crank mechanism. The drawing shows a cross-section of the assembly. Dimension D is the total height of the assembly. Dimension G is the height of the upper part of the assembly. Dimension L is the length of the assembly. The drawing includes a piston with a central pin and a crankshaft with a connecting rod.

Technical drawing of a bolt. The drawing shows a bolt with a hexagonal head and a threaded shank. The dimensions are labeled as follows: D is the total length of the bolt, G is the length of the threaded portion, and L is the length of the shank.



Ficha dos Produtos

Products Information
Informaciones sobre el Producto



0001	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL6 CW Fam. 20	Wapsa 224001	Wapsa MALF2 - MALF3 - MALW12 - MALW14 MALW2 - MALW3 - MPF6 - MPF7	Ford Caminhão F100, F350, F600. Galaxie até 05/70. Landau até 05/70. General Motors
0005	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL6 CW Fam. 20	Wapsa 224001		Willys Aero Willys até 05/70. Itamaraty até 05/70. Jeep até 05/70. Pick-up até 05/70. Rural até 05/70.
0006	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL3 CCW Fam. 23	Bosch 9001082421 Lucas Indiel 223101 Volkswagen 111911335B	Bosch 0001205005 - 0001205012 0001205016 - 9000082000	Volkswagen Karmann-Ghia c/ partida Bosch 6V. Kombi 1.2 c/ partida Bosch 6V. 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 / Application / Aplicación

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 / Application / Aplicación

Opel
Ascona.
Blitz.
Kadett.
Kadett B, C.
Manta.
Rekord.
Rekord B, C.

0015



T9 | SPL3 | CW

Fam. 21

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
223138223138

Volkswagen
80415

Motor

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

Aplicação / Application / Aplicación

Alfa Romeo
Alfa Romeo JK2000, JK2150 c/ partida Bosch.

BMW
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.
Kapitan P.
Record PII.

Puma
Puma GT Malzoni c/ partida Bosch.

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 / Application / Aplicación

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

Wapsa

224002

Motor

Wapsa

MALBD1 - MALBD2
 MALI1 - MPC1

Aplicação / Application / Aplicación

Clark

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

0024

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL6 | CW

Fam. 20

Bosch9001453333 - 9001453334
9001453338**General Motors**

07328970

Lucas

TNB460

Lucas Indiel

222460

Volkswagen

BC4N11350A - 04128642

Wapsa224004 - 224038 - 224043
2244 - 2244036**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**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.**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 CBT8240 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).
Perkins, 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 / Application / Aplicación

Mercedes Benz
Caminhão c/ motor 0321H2, 0321H,
321 após dez/73.
Ônibus c/ partida Wapsa.

Toyota
Utilitário Bandeirante c/ partida
Wapsa.

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 / Application / Aplicación

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 110ID (MWM-D 225-6), 85ID
(MWM-D 229-3) até 07/77.
Trator 62ID e 65ID (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

Motor

Aplicação / Application / Aplicación



T9 | - | CCW
Fam. 61

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

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

Ford

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

Willys

Linha Willys c/ partida Autolite de
52 a 61.

0034

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL3 | CW
Fam. 21

Bosch

9001083440

Lucas

TNB461

Lucas Indiel

222461

Mercedes Benz

3431517113

Bosch

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

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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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, 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

Volkswagen

85357

Motor

Bosch

0001203016 - 0001305016
0001308006 - 9000082005
9000082010

Aplicação / Application / Aplicación

Ford

Belina I.
Corcel I.

0045



T9 | SPL6 | CW
Fam. 20

Original

Bosch

1987BE0122

General Motors

01954842

Lucas

TDB045

Wapsa

224033

Motor

Aplicação / Application / Aplicación

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.

0046



T9 | SPL3 | CW
Fam. 21

Original

Bosch

9001082177 - 9001082419

General Motors

07325345

Lucas

TMB419

Volkswagen

9307667

Motor

Bosch

9000082006 - 9000082022

Aplicação / Application / Aplicación

General Motors

Opala c/ partida Bosch 4 cil. até 06/78.

0049

Original

Motor

Aplicação / Application / Aplicación



T12 | SPL6 | CW

Fam. 37

Wapsa
224014

Chrysler

Caminhão Dodge D100, D400, D700 a partir de 73.

Caminhão Dodge D100, D400, D700 até 73.

Volkswagen

0050

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL6 | CW

Fam. 37

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

Autolite-PrestoliteMHB4011R - MHB4012R - MHB4013R
MZZ4658 - MZ4205**Chrysler**

1889297 - 2095122 - 2095150

2095254 - 3656650

Remy

1107650 - 1107651 - 1107666

1107748 - 1107749

Chrysler

Dodge Chrysler 62 a 75.

Volkswagen

0051

Original

Motor

Aplicação / Application / Aplicación



T12 | SPL3 | CW

Fam. 20

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

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

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.

0052



T9 | 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 / Application / Aplicación

Case

Pá Carregadeira c/ partida Delco.

TCM Equipment Ag

Pá Carregadeira c/ partida Delco Remy.

0053



T9 | 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 / Application / Aplicación

Ford

0054



T9 | 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 / Application / Aplicación

Chrysler

Dodge D-500.

0056



T9 | SPL6 | CW
Fam. 20

Original

Bosch
9001453340
Volkswagen
BD0A11350A
Wapsa
224016

Motor

Bosch
9000453055
Wapsa
MALW3N - MPB3 - MPB4

Aplicação / Application / Aplicación

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.

0059



T11 | SPL3 | CW
Fam. 21

Original

Bosch
9001083442

Motor

Bosch
9000083002 - 9000083030

Aplicação / Application / Aplicación

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

0060



T10 | SPL3 | CW
Fam. 21

Original

Bosch
9001083441

Motor

Bosch
9000082040 - 9000083003
9000083013 - 9000083019
9000083040

Aplicação / Application / Aplicación

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).

0061



T13 | SPL3 | CW

Fam. 21

Original

Bosch
9001083036 - 9001083443

Motor

Bosch
9000083004

Aplicação / Application / Aplicación

Yanmar

0062



T9 | SPL3 | CW

Fam. 21

Original

Bosch
9001082127 - 9001082418

Motor

Bosch
9000082004

Aplicação / Application / Aplicación

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 / Application / Aplicación

Ford
Retroescavadeira.
Tractor 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 / Application / Aplicación

Porsche

914.

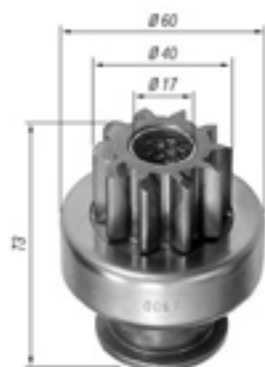
Puma

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 / Application / Aplicación

Balkancar**Barber Green****Berliet**

610 KG, 750 GL.

Case

H25 B Payloader.

Lancer

D, H Series.

Land Rover

Diesel.

Lindner**Massey Ferguson**

Leyland Traktor Eski Model.
MF20, 81, 148, 235, 240, 285.

New Holland

M89 Colheitadeira/Combine/Cosecha-
dora.

Perkins

Perkins, Tratores, Industriais, Esta-
cionários.

Podain**Sanderson****Schluter**

0068



T9 | 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 / Application / Aplicación

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).

Farymann

15A, 18A/C, 29C.

Ford

Capri 2.8, Capri II 2.0.
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.
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, 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.

0070



T12 | SPL6 | CW
Fam. 20

Original

Bosch

9001453284

Wapsa

224029

Motor

Bosch

9000453025

Wapsa

MPB22 - MPB55

Aplicação / Application / Aplicación

Chrysler

Caminhão Dodge álcóol a partir de 81
c/ partida Wapsa.
Dodge D100, D900 gasolina c/ partida
Wapsa.

Volkswagen

0073



T9 | SPL6 | CW

Fam. 20

Original

Wapsa
224025

Motor

Wapsa
MPB5

Aplicação / Application / Aplicación

ClarkEmpilhadeira CHY100, CHY120,
CHY140, CHY60, CHY70, CHY80 c/
motor GM 6 cil.

0077



T9 | SPL10 | CW

Fam. 7

Original

Bosch
9001082424 - 9001082426
9001082498

Motor

Bosch
9000082013 - 9000082020
9000082029

Aplicação / Application / Aplicación

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 / Application / Aplicación

Fiat

Caminhão 180, 210.

Hanomag

D600, D700, K7, K8, K11.

Massey Ferguson44, 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 / Application / Aplicación

Audi

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

Ford

12M, 15M, 17M, 20M, 26M.
Capri.
Consul.
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, 0309B.

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.

0081



T9 | SPL3 | CW

Fam. 17

Original

Bosch

9001451293

Wapsa

224036

Motor

Bosch

9000453053

Wapsa

MWB13

Aplicação / Application / Aplicación

Chrysler

Dodge Polara 1800 c/ partida Wapsa.

0082

Original

Motor

Aplicação / Application / Aplicación



Fam. 7

Bosch
9001082306
Volkswagen
BD7D11350A

Ford
F1000, F75, todos c/ motor Georgia.
Maverick 4 cil., todos c/ motor Georgia.
Pick-up.
Willys
Utilitário Jeep, todos c/ motor Georgia.

0084

Original

Motor

Aplicação / Application / Aplicación



Fam. 20

Bosch
9001453342
Wapsa
224024

Bosch
9000453018 - 9000453053
Wapsa
MPB13 - MWC2

Perkins
Perkins - Motor Industrial c/ partida
Wapsa.

0085

Original

Motor

Aplicação / Application / Aplicación



Fam. 20

Bosch
9001453336
Lucas
TNB402
Lucas Indiel
222402
Volkswagen
BD5T11350A - T11911335A
Wapsa
224026

Bosch
9000453012 - 9000453027
9000453033 - 9000453062
Wapsa
MPB30 - MPB42
MPB68 - MPB9

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 / Application / Aplicación

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

0087



T11 | - | CW

Fam. 54

Original

Bosch2006382018 - 2006382152
2006382156**Fiat**

8122126 - 9004229 - 9984246

Italacciai

SP208

Lester17094 - 18117 - 18220
18222 - 18253**Lucas**

TMB156

Lucas Indiel

222421222421

Motor

Bosch0000084013 - 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 / Application / Aplicación

ABG

Yumbo 140.

Aifo

M32 S, M42 S, M52 S, M62 S, MZ42 SIOM.

Asia Motors

PR425.

CasePá Carregadeira c/ motor Scania.
Trator Agrícola 2470 e 4490 (Scania).
Trator W36.**DAF****Fahr**

M1600.

Fiat

697.

13.304F, 26304DFS, 30.304DFS.
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 IvecoCaminhão 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.

KHDF6L 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.



T11 | - | CW
Fam. 54

0088

Original

Bosch
2006682168
Lucas Indiel
223181

Motor

Bosch
0001411007 - 9000084008
9000084020 - 9000084022
9000084023

Aplicação / Application / Aplicación

Asia Motors
Compressor AX430.
Case
Pá Carregadeira W36 c/ motor Cummins.
Caterpillar
D300 Series.
Moto Scraper 631E.
Trator de Esteiras D8L e 631E.
Cummins
Motores N, NT, NTA, NTTA855.
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.

Man

16.304F, 26.304DF, 30.304DFS.

Massey Ferguson

Trator MF4780 (SSB-DN11)

Trator MF4780 c/ motor Scania DN11.

Mercedes BenzCaminhão MB858, MB866, MB868,
MB856.**Palmieri**1500 GN 125, 140, 175, 100, 1800 GN
110, 140, 155.**Poclain**

RC200, 491, 556.

Saviem

SM 280, 300, 320, 340.

ScaniaCaminhão 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.

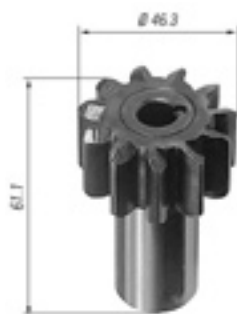
Ônibus BR115, BR115S, BR116,
BR116S, a partir de 05/75.**Valmet**110KVA, 115KVA, 125KVA, 150KVA
(V1308).**Volvo**Caminhão B10M, R, B58, 59, T, F10,
F88, FB88, G88.T, N, NB88TS, N10, N12,
NL10210, NL10340, NL12400.

Chassi p/ Ônibus B10M, B58E.

Zettelmeyer

Europ KL 25, 30.

0089



T12 | - | CW

Fam. 54

Original

Bosch

2006382190 - 9001084064

Lucas Indiel

222422

Motor

Bosch

0001416061 - 0001417065

0001417075 - 9000084007

9000084009 - 9000084024

9000084026

Aplicação / Application / Aplicación

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.

Maferesa

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.

0092



T9 | SPL3 | CW

Fam. 21

Original

Bosch

9001083439

Motor

Bosch

9000083024 - 9000083025

Aplicação / Application / Aplicación

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.

0093



T10 | 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

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

Aplicação / Application / Aplicación

Clark

Empilhadeira c/ motor Detroit D478 e partida Delco Remy.

General Motors

Caminhão D478 c/ partida Delco de 69 a 72.

Lucas Indiel

223185

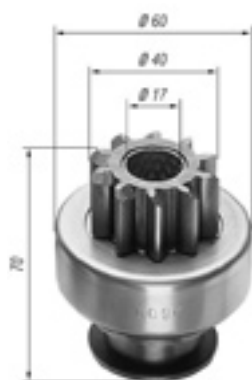
Remy

D2024 - D2025 - D2042 - 10498623
 1852716 - 1876857 - 1877355 - 1933471
 1941119 - 1941157 - 1942950 - 1950058
 1964127 - 1966931 - 1968355 - 1971707
 1975046 - 4019393

1108644 - 1108648 - 1108649

1108667 - 1108696 - 1109023

1109194

0096**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL12 | CW

Fam. 39

Italacciai

SD401

Lester

16608 - 17646 - 17647

Lucas

TMB115 - 54243783 - 54246738
 54246896 - 54247187

Lucas Indiel

223187

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

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 Series, MD III A.

Muirhill**New Holland**

M122, 133, 135, 140, 1520.

Perkins

Perkins, Tratores, Industriais, Esta-
 cionários.

Reliance Trucks**Sanderson****0097****Original****Motor****Aplicação / Application / Aplicación**

T12 | SPL19 | CW

Fam. 51

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

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

Caterpillar

Máquinas equipadas c/ motor D330C,
 D333C, D334C, D336C, D344C.

General Motors

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

0100

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL3 | CW

Fam. 20

0101

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL10 | CW

Fam. 14

Bosch
 2006209109 - 2006209120
 2006209302

Italacciai
 SD349

Lucas Indiel
 223188

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

Asia Motors
 Compressor c/ motor Deutz 8 cil. e
 partida Bosch JF.

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

Original

Motor

Aplicação / Application / Aplicación

T10 | SPL3 | CW
Fam. 35

Bosch
1987BE0003

Lucas Indiel
227814 - 32557814 - 35255870
35256861 - 35257814

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.

0104

Original

Motor

Aplicação / Application / Aplicación

T9 | SPL6 | CW
Fam. 17

Bosch
9001451291

Lucas
TWB235

Wapsa
224035

Wapsa
MWB14

Ford
Caminhão F100, F75, c/ motor 4 cil.

Willys
Pick-up.
Rural c/ motor 4 cil.
Utilitário Jeep.

0105

Original

Motor

Aplicação / Application / Aplicación

T9 | SPL10 | CW
Fam. 14

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

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

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).

CONTINUA / TO BE CONTINUED / CONTINUACIÓN

Mercedes Benz

0001517013

Volkswagen

04053926

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

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.
 F4000.

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

Müller

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).

Podlain

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.

0108



T9 | 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

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 BT22, BT33, BT22,
BT33.
Trator 1050 D, 1050 D 4x4.

Aplicação / Application / Aplicación

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).
Alfasud, Alfasud 1.2 Super TI.
Alfetta 1.6, 1.8, 2.0.
Arna, 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, 200i, 200 Turbo,
80, 80L, Quattro.
100 Series GL 1972 L4 1.9 gas.
100 Series GL 1973 L4 1.9 gas.
100 Series LS 1972 L4 1.9 gas.
100 Series LS 1973 L4 1.9 gas.
100 Series LS 1974 L4 1.9 gas.
100 Series LS 1975 L4 1.9 gas.
100 Series LS 1976 L4 1.9 gas.
100 Series 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, FT60, 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

Butech
851075 - 852763 - 852962

Caterpillar
6N3826

Chrysler
15056 - 15113

Facet
480117 - 480321

Ford
C2DZ11350A - C3DE11350A
C3TZ11350A - C8DF11350A
C9HE11350A - D4HF11350BA
EAB11350A

Leece-Neville
M029077600 - 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
C5TZ11002C - 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 / Application / Aplicación

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 / Application / Aplicación

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**0112**

T10 | 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 / Application / Aplicación****Case**

Pá Carregadeira c/ partida Delco.

John Deere (SLC)

Tractor.

TCM Equipment Ag

Case - Pá Carregadeira.

0114

T12 | SPL6 | CW

Fam. 17

Original**Wapsa**

224041

Motor**Wapsa**

MPB36

Aplicação / Application / Aplicación**Detroit**

Caminhão GM c/ motor 4.53 e partida Wapsa.

General Motors

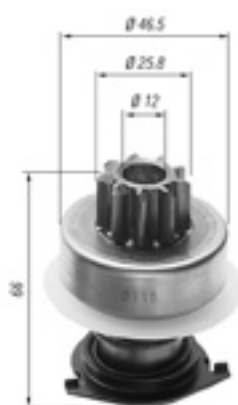
Caminhão c/ partida Wapsa c/ motor
Detroit 4.53.

0115

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 9

Bosch
9001082425

Bosch
9000082017

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

0117

Original

Motor

Aplicação / Application / Aplicación



T12 | SPL19 | CW

Fam. 51

Autolite-Prestolite
PD6A - PD7A - PD71 - P59171
P59186 - P59220

Bosch
2006202000

Butech
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

Autolite-Prestolite
MES6101K - MES6301K - MFJ6201J
MFY6101AUT - MFY6201K

Bosch
0001420001 - 0001420003
0001420004 - 0001420005
0001420009 - 0001420013
0001420014 - 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

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.



T10 | SPL10 | CW

Fam. 14

Bosch

2006209394 - 2006209405
2006209435 - 9002453074
9002453082

Italacciai

SD312

Lester

18122 - 18259

Lucas

TNB439

Lucas Indiel

222439

Bosch

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

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 - S4T (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.

0120



T9 | SPL6 | CW

Fam. 10

Original

Bosch

9001336222

Femsa

03550 - 1706114 - 170613

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

63220743 - 63220744 - 63220746

63220800 - 63220833 - 63220834

63220836 - 63220900 - 63220932

63220940 - 63221300

Aplicação / Application / Aplicación

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. 12

Original

Bosch

9001085105

Onan

5586123C

Motor

Aplicação / Application / Aplicación

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.



Fam. 59

Bosch
 2007010037

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

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, NTTA855.

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.

Maferesa

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 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, 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, DS114.
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**Original**

Bosch
9001453349
Lucas
TWB240
Wapsa
224040

Motor

Bosch
9000453013 - 9000453048
Wapsa
MPB38

Aplicação / Application / Aplicación**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.



T13 | SPL3 | CCW
Fam. 20

0126**Original**

Wapsa
224039

Motor

Wapsa
MPB35

Aplicação / Application / Aplicación**Ford**

Galaxie.
Landau.
LTD.
Maverick c/ motor 302 CID 8 cil. a
partir de 76.



T9 | SPL6 | CW
Fam. 17

0131



T9 | 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 / Application / Aplicación

Volkswagen

Transporter 1.5, 1.6.
 1200, 1300, 1500, 1600.
 Transporter Ters FRZ.

0133



Fam. 58

Original

Bosch

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 / Application / Aplicación

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.

Maferesa

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.

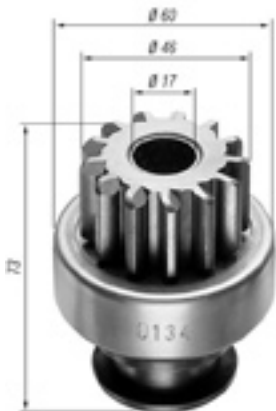
MWM
 Motor D232, TD232.

Scania
 Caminhão L, LS, LT110 (D11), L, LS, LT 110S (DS11).
 Caminhão 145, BR145, CR145L, CR145T, CR145X, DSI14.
 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.

0134



T13 | 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

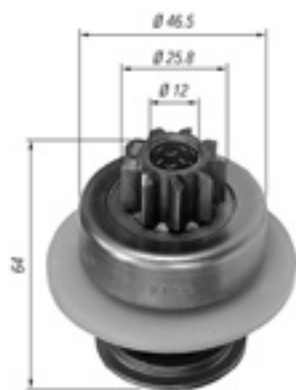
Aplicação / Application / Aplicación

Case
 580, 990, 995, 1294, 1394.
 Trator c/ partida Lucas.
Dodge
 FB Bantam, DKC, KC, KCB.
Lancer
 HP Series.
Massey Ferguson
 Massey Ferguson.
 MF101 C, MF275, 285, 365, 375, 399.

0135

T9 | 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**
CSAF/1A**Ford**
C6FF11001 - C6FF11001A
C9FF11001B - D0FF11001B
D0FF11001C**Aplicação / Application / Aplicación****Jeep**
6, 8 cil.**0139**

T9 | SPL10 | CW

Fam. 9

Original**Bosch**
1006209080 - 1006209439
9001043178**Italacciai**
SD309**Lester**
16299 - 16543**Motor****Bosch**
0001313004**Aplicação / Application / Aplicación****Mercedes Benz**
200, 220, 230, 250, 280, 280 S, SE, SL,
115KAS.**0140**

T9 | 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 / Application / Aplicación****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.

0141



T9 | 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 - S144192 - S14455

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 / Application / Aplicación

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



T9 | SPL8 | CW
Fam. 30

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

Aplicação / Application / Aplicación

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.

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 - M4T14674

Nissan-Datsun
 2330078511

0150

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL12 | CW

Fam. 39

Italacciai

SD198

Lester

16670 - 17071 - 17072 - 17649
 17650 - 17651 - 17652

Lucas

TMB100 - 54244938 - 54246285
 54246654 - 60600066

Lucas Indiel

223205

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

Benati

Wheeled Loader.

Berliet

GLC4, GLC5, 560GK, 610GK.

Dodge

Buffel.

Konistier.

Mammüt.

Eicher

Buffel.

Königstiger 74.

Mammüt.

JCB

926, 930 Forklifts.

Laverda

M150 Colheitadeira/Combine/Cosechadora.

Massey Ferguson

205, 235, 274, 275, 307, 506, 575,
 MF102, 135, 148, 155, 168, 1200.
 Massey Ferguson.

New Holland

1540, 1545, 1550 Colheitadeira/Com-
 bine/Cosechadora.

New Holland.

Trator c/ partida Lucas.

Perkins

4 cil.

Perkins, Tratores, Industriais, Esta-
 cionários.**Poclain**

LC80, LV80, TC45, TY45.

Renault V.I.

Commando 100.

0155



T10 | SPL12 | CW

Fam. 39

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 - 27540A/H - 27541A/D

27550A/B - 27559A/E - 27565B/D

27568A - 27570A/B - 27571A/B

27572A/B - 27573 - 27574 - 27583D

Aplicação / Application / Aplicación

Dodge

DKC, DKCB, KC, KCB, 50/100 Series.

Eicher

Tiger 74.

Ford

2000, 2600, 3000, 3600.

JCB

400, 500 Series, 800 Series.

Land Rover

diesel.

Leyland

FG, FM, VW Range, EA.

Massey Ferguson

MF133, 145, 152, 165, 174, MF194,

235, 250, 265, 290.

New Holland

Colheitadeira/Combine/Cosechadora

1540, 1545, 1550.

Perkins

6 cil.

Perkins - Tratores, Industriais,

Estacionários.

0158



T9 | SPL9 | CW

Fam. 17

Original

Bosch

1987BE0025

Lucas Indiel

227327 - 583514243

Motor

Aplicação / Application / Aplicación

0160



T9 | SPL3 | CW

Fam. 26

Original

Bosch

1987BE0026

Lucas Indiel

227331 - 35257331

4A504187

Motor

Aplicação / Application / Aplicación

0161

T9 | SPL3 | CW

Fam. 26

Original

Bosch
1987BE0027
Lucas Indiel
227332 - 35257332
4A54440

Motor**Aplicação / Application / Aplicación****0162**

T9 | SPL9 | CW

Fam. 5

Original

Bosch
1987BE0028
Lucas Indiel
228131 - 35257090
35257340 - 35258131

Motor

Lucas
35258000

Aplicação / Application / Aplicación

Ford
F1000 gasolina 6 cil. (ano 95).

0163

T9 | SPL10 | CW

Fam. 8

Original

Bosch
9001082401
Lucas
TMB401

Motor

Bosch
9000082028

Aplicação / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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).

0183



T9 | SPL9 | CW

Fam. 26

Original

Bosch
1987BE0005

Ducellier
079692

Lester
16466

Lucas Indiel
1018679 - 227326

Motor

Ducellier
6128A - 6144A

Aplicação / Application / Aplicación

Lancia
Flavia 1.8.

Renault
Estafette.
R5, R6, R15, R16, R17, R20.

Talbot
1300, 1301, 1500, 1501.

0184



T9 | SPL10 | CW

Fam. 12

Original

Ford
D27Z11350A - D37Z11350A - SDE198

Italacciai
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

Italacciai
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

Aplicação / Application / Aplicación

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.

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

0186**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL6 | CW

Fam. 20

Bosch
 9001453344
Lucas
 TWB245
Wapsa
 224045

Bosch
 9000453007 - 9000453008
 9000453044 - 9000453045
Wapsa
 MPB47 - MPB48

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

0188**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL19 | CW

Fam. 51

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

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

General Motors
TCM Equipment Ag
 Série 42MT 24V (Allis Chalmers, 11
 dentes).

Lucas Indiel

223212

Prestolite

PD8A

Remy

1909514 - 1918079 - 1920669

1932031 - 1948764 - 1964300

1964302 - 1985129

UTMS

DV202749

Ww

480115

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 / Application / Aplicación**Alfa Romeo**

Alfasud.

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**

9001082422

Lucas

TMB486

Motor**Bosch**

9000082003

Aplicação / Application / Aplicación**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

Volkswagen
1119113354

Wapsa
224012

Motor

Wapsa
MWV12 - MWV12F

Aplicação / Application / Aplicación

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.

0193



T9 | SPL6 | CW
Fam. 20

Original

Bosch
9001453387

Wapsa
224011

Motor

Wapsa
MPB25 - MPB27 - MPE1

Aplicação / Application / Aplicación

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 / Application / Aplicación

0201



Fam. 66

Original

Bosch2006401900 - 2009999036
9001085105

Motor

Aplicação / Application / Aplicación

Caterpillar

Motoniveladora 12E até 01/73.

FiatCaminhão FNM D11000.
Caminhão FNM D9500.**General Motors**Caminhão c/ motor Perkins e partida
Bosch 24V.

0204



Fam. 56

Original

Bosch2006401904 - 2009999032
9001085105**Onan**

5586123

Motor

Aplicação / Application / Aplicación

Mercedes BenzCaminhão OM321, OM324, OM326 c/
partida MTB2.

0205



T9 | SPL12 | CW

Fam. 6

Original

Chrysler

F01903 - F01910

FordC2DF11350C - C4DF11350A
C4DZ11350A - C4DZ11350B
C4ZZ11350B - C8DF11350B
C8DF11350G - C8OF11350A
D1RY11350B - D1RY11350C
D2RY11350B - D4RY11350A
D6EF11350AA - D6EF11350BA
D6GF11350AA - D6GF11350BA
D6PZ11350A**Leece-Neville**

04234

Lester

3148

Remy

F2003 - 1972286

Motor

FordC4DZ11001A - C4DZ11001B
D0DF11001A - D1FF11001A
D1FF11001AA

Aplicação / Application / Aplicación

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

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 / Application / Aplicación

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 / Application / Aplicación

Peugeot

404 D, 504 D.

Renault Agri

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 / Application / Aplicación

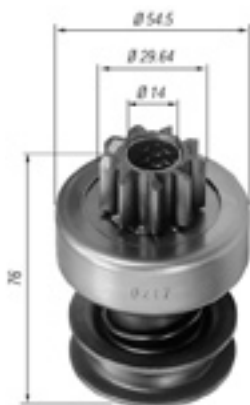
Peugeot

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

Renault Agri

R7221.

0217



T9 | 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 / Application / Aplicación

Peugeot

403, 404, 404 D, 504 D.

Renault

Trator R7201, R85, R87.

Renault Agri

R85, R87, R7201.

0218



T9 | - | 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

Aplicação / Application / Aplicación

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 Series), 25,

0001416023 - 0001416024
0001416026 - 0001416028
0001417001 - 0001417028
0001417036 - 9000084016

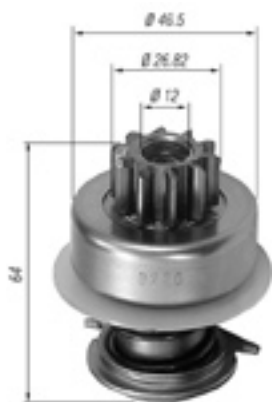
26, 27, 28, 30, 32, 33, 35, 40 (ton Series), 26.280, 320, 30.232, 320, 32.231, 41, 48 (ton series), ÜL, F/HF, NÜ, NG, NL, RH, RN.
Kisa Man.

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.
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, 18 t 24, 27, 31, 34, 38, 44, 50, 53, 19 t 19, 22, 24, 26, 28, 29, 35, 44, 48, 20 t 24, 25, 26, 31, 35, 38, 44, 50, 2033, 2219, 2226, 2628, 2636, 22 t 19, 22, 24, 25, 26, 28, 35, 38, 44, 24 t 19, 21, 22, 25, 26, 27, 29, 33, 35, 48, 25 t 24, 27, 28, 31, 34, 36, 38, 44, 50, 53, 26 t 26, 28, 29, 31, 35, 38, 44, 48, 50, 53, 30 t 25, 28, 50, 32 t 25, 28, 29, 33, 34, 35, 38, 53, 33 t 28, 33, 35 t 28, 35, 38, 44, 48, 50, 53, 44 t 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

0220

T10 | SPL10 | CW

Fam. 19

Original

Bosch
1006209437 - 2006209321

Italacciai
SD447

Lester
16405

Motor

Bosch
0001208049 - 0001211206
0001211989

Aplicação / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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, Kapitän 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 / Application / Aplicación

Harvester

D430, 432, 439.

0225

T9 | SPL3 | CW
Fam. 22

Original

Bosch
2006209071 - 2006209366
2006209386 - 2006209916

Fiat
8122123

Italacciai
SD013

Lester
17074 - 17112

Motor

Bosch
0001358017 - 0001358038
0001358046 - 0001358047

Aplicação / Application / Aplicación

Alfa Romeo
Alfetta 2.0 TD.

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.

Podain
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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

Aifo
8141 M8.

Audi
100 5D, TD.
100 5D, Turbo D (2.0).

Hanomag
F20, 25, 30, 35, 36.

Mercedes Benz
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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

Dacia
Aro.

Lancia
Flavia 1.8.

Renault
Estafette.
R5, R15, R16, R17, R20.

Talbot
1300, 1301, 1500, 1501.
66.

Volvo

0245



T9 | 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 / Application / Aplicación

Renault
R4, R5, R6.
Rodeo.

0248



T9 | 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 / Application / Aplicación

Renault

R4, R5, R6.

R5 U.S.A.

R12 Canadá.

R12, R18.

0280



T10 | - | 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 / Application / Aplicación

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.

0285



T9 | SPL9 | CCW

Fam. 47

Original

Bendix

325232

Italacciai

SD002

Paris-Rhone

95464

Valeo

NE173 - 095464

Motor

Paris-Rhone

D8E130 - D8E131

Aplicação / Application / Aplicación

Renault

R5, R6.

0286



T10 | SPL12 | CW

Fam. 40

Original

Italacciai

SD076

Lester16669 - 16984 - 17644 - 17648
17654 - 18262**Lucas**TMB102 - 54243781 - 54246662
60600050**Lucas Indiel**

223226

Motor

Lucas26234K - 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 / Application / Aplicación

Bedford7 Ton Kamyon.
SB, SP, TJ, TK, TL, VAS.**Harvester**

384, 454, 474, 574, 674, 684.

Massey FergusonColheitadeira/Combine/Cosechadora.
MF487.

0287



T9 | SPL9 | CW

Fam. 86

Original

Bosch

1987BE0030

Fiat

9405835568

Italacciai

SD318

Lester16619 - 16756 - 16797
17144 - 17157**Lucas**

TMB263

Lucas Indiel

221263

Paris-Rhone

013610 - 099931 - 99931

Valeo

NE197 - 099931 - 184917

Motor

Paris-RhoneD9E100 - 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 / Application / Aplicación

Peugeot405 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.
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

Bosch2006209470 - 2006209483
9001451343**Fiat**79026090 - 9936730 - 9937949
9956676 - 9983629**Italacciai**

SD184

Lucas Indiel

223227

Motor

Bosch0001362039 - 0001362062
0001362073 - 0001362102
0001362322 - 0001362323
0001363111 - 0001363122

Aplicação / Application / Aplicación

Aifo8035.02.300, 8041.04.200,
8045.02.300, 8041.02.310,
8041.04.250.**Alfa Romeo**

30, 32, 35, 40 AR8.

Fiat131 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,
B120-25-30 C, BIM20-25, DI12-15,
DT450, R450.

Argenta 2.5.

Campagnola diesel.

M23, 24, 25, 29 Midibus.

Marengo D 2.5.

Otoyol 35.9.

Otoyol 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-).

OMBI 20, 25, BIM 20, 25, DIM 20, Grinta
28.8, 30.8, 32.8, 35.8.

0292



T9 | SPL10 | CW

Fam. 1

Original

Bosch1006209475 - 1006209477
9001042100**Chrysler**

5213384

Lester

16727 - 16974

Lucas Indiel

223321

Motor

Aplicação / Application / Aplicación

Dodge

600 2.2 Turbo.

0293

T9 | 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 / Application / Aplicación

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.

0294

T9 | SPL6 | CCW

Fam. 17

Original

Lucas
TWB2520

Wapsa
224052

Motor**Aplicação / Application / Aplicación**

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.

0300

T9 | SPL10 | CW

Fam. 9

Original

Bosch
1006209081 - 1006209444
9001693029

Italacciai
SD451

Lester
16362

Motor

Bosch
0001311042 - 0001314001

Aplicação / Application / Aplicación

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.

0301

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 14

Bosch

2006209341

Lester

16560 - 17073 - 17074 - 17076
 17106 - 17136 - 17184 - 17228
 17230 - 18032 - 18111 - 18229
 18237

Bosch

0001358049 - 0001359012
 0001359014 - 0001359025
 0001359027 - 0001359043

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

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW

Fam. 14

Bosch

2006209111 - 2006209305
 2006209345

Bosch

0001359002 - 0001359008
 0001359009 - 0001359011
 0001359020 - 0001359034
 0001360013 - 0001360020
 90000143101

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

T12 | SPL10 | CW

Fam. 14

Original**Bosch**
9001083471**Motor****Bosch**
9000083039**Aplicação / Application / Aplicación****0304**

T10 | SPL10 | CW

Fam. 14

Original**Bosch**
2006209200 - 2006209201
Italacciai
SD018
Lucas Indiel
223555**Motor****Bosch**
0001359016**Aplicação / Application / Aplicación**

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.

Müller
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.

0307

T9 | SPL10 | CW

Fam. 7

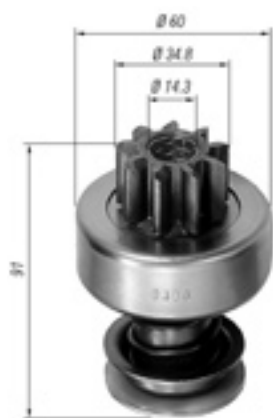
Original**Bosch**
1006209403 - 2006209163
Italacciai
SD449
Lester
16299 - 16401 - 16532
16539 - 16688**Motor****Bosch**
0001208040 - 0001208055
0001211025 - 0001211987
0001211988 - 0001211995
0001211996**Aplicação / Application / Aplicación**

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.

0308



T9 | 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 / Application / Aplicación

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.

Poclain

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 / Application / Aplicación

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.

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 / Application / Aplicación

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 / Application / Aplicación

Ford
A0406, A0506, FT100, FT120, FT130,
FT160, FT190.
Transit diesel.

0315

T9 | 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 / Application / Aplicación

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).
New Holland
Colheitadeira/Combine/Cosechadora
TC55, TC57, TC59, a partir de 11/97.
Trator Gamalta.

0316

T11 | SPL10 | CW

Fam. 14

Original

Bosch
2006209302 - 2006209332
2006209342

Motor

Bosch
0001359006 - 0001360002

Aplicação / Application / Aplicación

Kassbohrer
S80, S100.
Steyr Puch
650A, 760A.
V.M.
HR688 H, HT.

0318



T9 | SPL10 | CW

Fam. 21

Original

Bosch2006209086 - 2006209095
2006209215 - 2006209229**Italacciai**

SD346

Motor

Bosch0001354080 - 0001354082
0001354088 - 0001354091
0001354092 - 0001354093
0001354097 - 0001354099
0001354100 - 0001354103
0001355014 - 0001355015

Aplicação / Application / Aplicación

Agria

3800G, 4800K, 5700.

EicherEichus.
Panther.
Puma.**Farymann**

G10, 20.

Goldoni

Universal 230, 336.

Hanomag

F20, 25, 30, 35.

HarvesterInter 624.
654 Ince Frz.**KHD**

411D, 411W, D2506, D3006, F1L410.

Lamborghini221, 230, 321, 340, 350, 431, 452,
523, 624.

Espada.

Islero 400GTS.

Miura P400.

Ruggerini

RD90/2, RD95/2, RD100/2.

Steyr Puch30, 30B, 430, 540, 540G, 86, 30, 30B,
430, 540, 540G, 86.**Zettelmeyer**

VA3, VT2, VTL.

0319



T9 | SPL10 | CW

Fam. 14

Original

Bosch

2006209241 - 2006209331

Italacciai

SD012

Lester

16445 - 16715

Lucas

TMB427

Lucas Indiel

223232

Motor

Bosch0001362001 - 0001362002
0001362003 - 0001362004
0001362027 - 0001362028
0001362029 - 0001362030

Aplicação / Application / Aplicación

Claas

Compact 25.

Hanomag

F20, 25, 30, 35, 40, 45.

Mercedes BenzL306DG, 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.

0320



T9 | SPL10 | CW

Fam. 15

Original

Bosch
2006209478
Italacciai
SD342
Lucas Indiel
223569

Motor

Bosch
0001362037 - 0001362071
Italacciai
26208A

Aplicação / Application / Aplicación

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.

0322



T10 | 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 / Application / Aplicación

Ford
2000, 3000, 4000, 5000, 7000.

0323



T9 | 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 / Application / Aplicación

Ford
Escort Ghia, Guaruja, 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.

CONTINUA / TO BE CONTINUED / CONTINUACIÓN

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

Italacciai

SD055 - SD496

Lester

16438

Lucas Indiel

223573

Motor

Bosch

0001157013 - 0001157021
 0001157023 - 0001212006
 9000141100 - 9000141101
 9000141103 - 9000141107
 9000141108 - 9000141111
 9000141112 - 9000141114
 9000334104

Aplicação / Application / Aplicación

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

Italacciai

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

Italacciai

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 / Application / Aplicación

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 | CCW

Fam. 68

Original

Bosch
9001451247

Lucas
TWB247

Volkswagen
1119113356

Wapsa
224047

Motor

Bosch
9000451004 - 9000451012

Wapsa
MWB18 - MWB21

Aplicação / Application / Aplicación

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 / Application / Aplicación

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.

0339



T9 | 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 / Application / Aplicación

Chrysler
Dodge Horizon.
Omni.

Dodge

Kubota
Trator.

0340

T9 | SPL8 | CW
Fam. 32

Original

Lester
16245
Mitsubishi
K309

Motor**Aplicação / Application / Aplicación****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 / Application / Aplicación

Subaru
Subaru A11.

0342

T8 | 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 / Application / Aplicación

Ford
Courier.

0343



T9 | SPL10 | CW

Fam. 50

Original

Lester
16221Nippondenso
0283001390 - 0283003590

Motor

Nippondenso
0280003610 - 0280003611
0280007480

Aplicação / Application / Aplicación

Kubota
Trator.

0348



T9 | SPL6 | CW

Fam. 69

Original

Bosch
9001452088Lucas Indiel
223117Volkswagen
3059112875Wapsa
224048

Motor

Bosch
9000452003Wapsa
MWB17

Aplicação / Application / Aplicación

Kubota
Microtrator Tobatta M140N.
Volkswagen
Kombi c/ motor Passat diesel.

0349



T9 | SPL10 | CW

Fam. 71

Original

Bosch
1987BE0033General Motors
9423227 - 94233227Hitachi
211455004 - 211465001Honda
31207634005Isuzu
8942332270 - 8942332770Italacciai
SD149Lester
16205 - 16207 - 16211 - 16270
16499

Motor

Hitachi
S10863 - S10889 - S114140 - S114141
S114149 - S114160 - S114160A
S114160B - S114160D - S114160E
S114160F - S114162 - S114162C
S114162D - S114163 - S114163B
S114163E - S114164 - S114210
S114211 - S114227 - S114271Honda
31200634005 - 31200634670
31200634671 - 31200634811
31200657005 - 31200657015
31200657025 - 31200673015
31200679035 - 31200679052Isuzu
8942226880Italacciai
S114140

Aplicação / Application / Aplicación

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.

Nissan-Datsun

23300H6000 - 23312E6700
 23312H5000 - 23312H5001
 23312H6700 - 23312H6900

Nissan-Datsun

23300B500 - 23300B5000
 23300B5002 - 23300H5001
 23300H5002 - 23300H5003
 23300H5004 - 23300H5300
 23300H5400 - 23300H6900
 23300H6901 - 23300H6902
 23300H6903 - 23300H6904
 23300H7300 - 23300H7301
 23300H7302 - 2330009601
 233005002 - 233006900
 23300H6901

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 - 23312Y0700

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

Ishikawjima

185086320 - 185086321

Isuzu

5811001300 - 5811001370
 8941305600 - 8942044380
 8942045380 - 8942134065
 8942135381 - 8942138220
 8942226880 - 8942243880
 8942340650

Italacciai

23300N3301

Nissan-Datsun

23300E6800 - 23300E6801
 23300N0900 - 23300N3301
 23300N3304 - 23300S0100
 23300U0100 - 23300U0101
 23300U0102 - 23300U0601
 23300U0602 - 23300U6001
 23300U6002 - 23300U6003
 23300U6004 - 23300U6005
 23300W0400 - 23300W0401
 23300Y0700 - 23300Y0701
 2330018C05 - 2330018C06
 2330069690 - 2330069960

Aplicação / Application / Aplicación**General Motors**

Chevy Lux.
 S10 importada.

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



TB | SPL8 | CW

Fam. 30

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 - MD21674
 MGA060 - 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 - M3T24486A
 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
 M3T33588 - M3T3381 - M3T35081
 M3T35082 - M3T35088 - M3T39182

Nissan-Datsun

23300B5013 - 23300D0212
 23300H5012 - 23300H5013
 23300P5112 - 23300P5113
 23300R9000 - 23300T5070
 23300U0113 - 23300U0114
 233000712

Aplicação / Application / Aplicación

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

T9 | SPL10 | CW

Fam. 50

Original**Bosch**

1987BE0009

Italacciai

SD183 - SD359

Lester

16215 - 16222 - 16224 - 16230

16238 - 16261 - 16766 - 16832

16843 - 17354

Toyota

2801141020 - 2801160041

Motor**Italacciai**

280002681

Aplicação / Application / Aplicación**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 / Application / Aplicación**BMW**

315, 316, 318, 320, 518, 525, 528, 628, 728.

Mazda

323 1.3.

Mercedes Benz

L207, L307.

Peugeot

404 diesel.

Toyota

Colt, Cressida, Galant.

Cressida 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 / Application / Aplicación**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 / Application / Aplicación

Ford
Granada 1.9, 2.0 D, 1.9 D, 2.1 D.
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 / Application / Aplicación

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.

Podlain

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 HT2, T1054SU.

0367**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL10 | CW

Fam. 15

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

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

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.

0001368018 - 0001368021
 0001368022 - 0001368024
 0001368028 - 0001368030
 0001368031 - 0001368032
 0001368033 - 0001368035
 0001368047 - 0001368055
 0001368062 - 0001368063
 0001368300 - 0001368301
 0001368302 - 0001368307
 0001368309

Italacciai

0001362051

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.
 O302, O309D, O371U.
 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 Chalmers2201850102 - 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

HitachiS1224 - 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 / Application / Aplicación

IsuzuKB20 D.
KB10 diesel (Thermo King esta-
cionário).**Jeep**

Renegade.

0378



T11 | SPL10 | CW

Fam. 15

Original

Bosch

2006209425 - 2006209494

Italacciai

SD313

Lester

17113 - 17229 - 18236

Lucas Indiel

223313

Remy

19024525

Motor

Bosch0001362064 - 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 / Application / Aplicación

Bukh

2G105, 3G05, 4K105, 6K105.

Carraro652, 654, 655CL.
Victory 6500, 7000.**Eicher**

3022, 3108, 3257, 3357, 3558.

Harvester

433V, 533V.

Hatz

D108, E108, V108, Z108.

Jenbacher

JW440K/KL, JW444, JW602.

Lamborghini

C603, DT704, L603, R704.

Pegaso

Camion.

SameDrago 120.
Super Drago.
Taurus 60.**Valmet**HR492AT, HR688H, HR688HT, HR692HT.
Trator 985.**Volkswagen**

LT28, 28 D, LT31, 31 D, LT35 D.

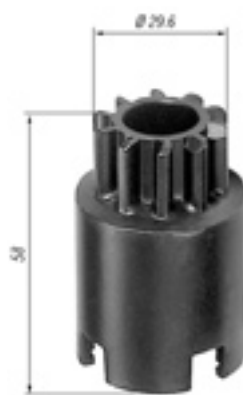
Zetor3511, 3545, 4511, 5511, 5545, 6722,
6745.

0380

Original

Motor

Aplicação / Application / Aplicación



T10 | - | CCW

Fam. 63

Italacciai

SD197

Lester

16169

Lucas

TLB111 - 54240293 - 54240294
 54240295 - 54242330 - 54252215
 54261658 - 60251022

Italacciai

25148A

Lucas

25142AHM35 - 25148AJM35
 25276AM35 - 25345AM35

Austin

Allegro, Maxi, Mini.

Bedford

Ha Van.

Ford

Fiesta Van, Escort Van.

Lotus

Seven.

0381

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL3 | CCW

Fam. 20

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

0382

Original

Motor

Aplicação / Application / Aplicación



T3 | SPL10 | CW

Fam. 71

Hitachi

211465004 - 211495002

Lester

16579

Nissan-Datsun

23312M1500 - 23312M15001
 23312M1501

Hitachi

S114161 - S114161B

S114161E - S114161F

Nissan-Datsun

23300M1052 - 23300M1500
 23300M15001 - 23300M1501
 23300M1502 - 23300M1503
 23300M1510 - 23300M5901
 23300M5903

Nissan-Datsun

310 GX 1980 L4 1.4 gas.

310 GX 1981 L4 1.5 gas.

Cherry 120A.

0389



T11 | 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 / Application / Aplicación

Fiat

131, 132.

Argenta, Argenta 1.6.

Brava 131.

Croma 1.6.

Nuova Argenta, Prêmio.

Regata 70, 85, 100, 1.3, 1.5, 1.6.

Restyling 132.

Ritmo 75, 85, 105CT, 125TC.

Spazio.

Tipo 1.4 1400 DGT.

Uno Turbo, 147.

130 Super, 147.

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.

0392



T11 | 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 / Application / Aplicación

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

Mammut, Puma, Tiger, Wotan.

Harvester

510, 515, 530.

Hatz

D95, D108, V95, V108.

Jenbacher

JW440K/KL, JW444, JW602.

Kassbohrer

S80, 110, A, S120, 130, 150.

KawasakiD10006, 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.

Lamborghini904DT, 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.

Zetor3511, 3545, 4511, 5545, 6711, 10, 11,
12, 20, 21, 23.**0394****Original****Motor****Aplicação / Application / Aplicación**T11 | SPL10 | CW
Fam. 78**Fiat**

9936050 - 9938235 - 9941642

Italacciai

SD187

Lucas Indiel

223240

Magneti-Marelli74891161 - 74898071
85540521**Fiat**

5991832

Italacciai

05991832

Magneti-Marelli63221403 - 63221433 - 63221434
63221500 - 63221503 - 63221509
63221530 - 63221533 - 63221539
63221632 - 63221639 - 63221730
63221731**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.**0395****Original****Motor****Aplicação / Application / Aplicación**T9 | SPL10 | CW
Fam. 78**Fiat**

9938328 - 9941467

Italacciai

SD185

Lucas Indiel

223241

Magneti-Marelli74888761 - 74895431
85540481**Fiat**

5933930 - 5996771

Italacciai

05933930

Magneti-Marelli63223000 - 63223203
63223206 - 63223207
63223236 - 63223237
63223300 - 63223330
63223332**BMW**

320, 320i, 321i, 323 i, 520, 525, 528.

FiatNuova 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 / Application / Aplicación

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 / Application / Aplicación

Bonser
D20, D200K, D25, D2500K.
Fiat Iveco
129.14, 130.14.
Ford
A, D Series.
Transit diesel.
Lancer
300 Series, 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 / Application / Aplicación

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 | CW

Fam. 92

Original

Bosch
1006209501
Italacciai
SD311
Lester
16556

Motor

Bosch
0001317009 - 0001317010
0001317018

Aplicação / Application / Aplicación

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.

0407



T9 | 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 / Application / Aplicación

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.

0408

T9 | 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 / Application / Aplicación

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.

0409

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 / Application / Aplicación

Dodge
DPB, PB.

0411

T11 | 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 / Application / Aplicación

Allis Chalmers
ED40 Tractor.

Bonser
50 D, 60 D, 70 D, 90 D, LS45.

David Brown
580, 770, 780, 880, 885, 990.

0412



Fam. 83

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 / Application / Aplicación

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



Fam. 83

Original

Lester

16164

Lucas

TNB145 - 54247179 - 54249035

Motor

Lucas

25705AD2M100 - 25732BE2M100

Aplicação / Application / Aplicación

M.G.

MGB.

0417



Fam. 1

Original

Bosch

1006209436

Lester

16787

Motor

Bosch

0001314017

Aplicação / Application / Aplicación

Bomag

BW905 SH/SL.

Mercedes Benz

0302-0352 Otobus.

0418

T10 | SPL10 | CW

Fam. 15

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 / Application / Aplicación

DAF
F1300, F1400, F1500.

Ford
D1211 Kamyon.

Harvester
D358.
Inter 1800 Kamyon.

Kawasaki
F1300D, F1400D, F1500D, F1600D,
F1800D, F2105DF.

Volvo
F2250, F406, F407.

0419

T10 | 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 / Application / Aplicación

DAF
F1400 DF.

Dodge
Trucks S Series.

Ford
Cargo Series.

Hanomag
20, 22C, 30, 33C, 400D.

Linde
H20, H25, H30.

0420

T9 | 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 / Application / Aplicación

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.

0426



T11 | 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 / Application / Aplicación

Hyster
Forklifts.

Mazda

0427



T10 | SPL8 | CCW

Fam. 30

Original

Lester
17332

Mitsubishi
M191T32271

Onan
1911087

Motor

Mitsubishi
ME0107

Onan
19911052

Aplicação / Application / Aplicación

0428



T9 | SPL10 | CCW

Fam. 93

Original

Bosch
1006209502

Lester
16961

Motor

Bosch
0001317011 - 0001317012
0001317016 - 0001317017

Aplicação / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación****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 / Application / Aplicación

John Deere (SLC)
Trator/Tractor.

0438

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW
Fam. 36

Lucas Indiel
228204
Nashville
45210100

0439

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW
Fam. 36

Bosch
1987BE0037
Lucas Indiel
228205
Nashville
4520100

Perkins
4 e 6 cilindros tipo AN115.

0440

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW
Fam. 25

Lucas Indiel
222901

0441



T9 | SPL3 | CW

Fam. 35

Original

Bosch

1987BE0011

Lucas Indiel

228099 - 35256654

35257820

Motor

Aplicação / Application / Aplicación

0443



T9 | SPL6 | CW

Fam. 10

Original

Bosch

1987BE0038

Lucas Indiel

221901

Tria

ZAE911335

Motor

Aplicação / Application / Aplicación

Renault

R9, R11.

Volkswagen

Carat.

Gacel.

0445



T9 | SPL9 | CW

Fam. 5

Original

Bosch

1987BE0012

Lucas

27330

Lucas Indiel

227330 - 35257330

Motor

Aplicação / Application / Aplicación

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 / Application / Aplicación

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
23300V06001 - 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 / Application / Aplicación

Isuzu
Isuzu.

Nissan-Datsun
Cedric SD22.
Patrol Pick-Up.
Terrano II 2.7 TD.

0449



T9 | SPL12 | CW

Fam. 39

Original

Lucas
TMB150 - 54267317

Motor

Aplicação / Application / Aplicación

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 - B65818400A
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

Aplicação / Application / Aplicación

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.

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
2330060S10

Suzuki
3110080091 - 3110083010
3110083021

Suzuki
Samurai.
Sidekick ano 94.
SJ410, SJ413.
Vitara 1.6 16V.

0451

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CW
Fam. 80

Bosch
9001336223
Femsa
1706115
Italacciai
SD427

Femsa
MTA12P19 - MTA1219 - MTA1237
MTA1238 - MTA1239 - MTA1243
MTV124 - MTV126 - MTV128
Italacciai
MTA01219

DAF
55, 66.
Renault
R4, R4 F6, R5, R6.
Seat
127 (0.9).
Talbot
1100, 1200.

0453



TB | SPL6 | CCW

Fam. 80

Original

Bosch
9001336203
Femsa
9328
Italacciai
SD119
Lucas Indiel
223254

Motor

Italacciai
MTA1201

Aplicação / Application / Aplicación

Ebro
Siata.
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 / Application / Aplicación

General Motors

0455



T10 | SPL12 | CW

Fam. 6

Original

Bosch
1987BE0014
Ford
E6EF11350AA - E6FZ11350A
Lester
3196

Motor

Ford
E3FZ11002A - E6EF11001AA
E6FZ11002A

Aplicação / Application / Aplicación

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

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CCW

Fam. 17

Lucas Indiel
221192
Paris-Rhone
54457

Citroën
2 CV, AMI 6.

0459

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL3 | CW

Fam. 35

Bosch
1987BE0015
Lucas
35257824
Lucas Indiel
227824 - 35257707
Nippondenso
280996200

Peugeot
Pick-up 504 diesel 1.3 Ton.

0460

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW

Fam. 15

Bosch
2006209431
Italacciai
SD350 - SD354
Lester
16752
Lucas Indiel
223256

Bosch
0001359021 - 0001362081
0001362602 - 0001362603
0001362606 - 0001362607

Ford
Granada 2.5 D.
Sierra 2.3 D.
Peugeot
404 D, 504 D, 505 D, 604 TD.
Talbot
Tagora TD.

0461

T10 | SPL9 | CW

Fam. 19

Original

Italacciai
SD804

Lucas Indiel
223664 - 227336

Paris-Rhone
105325

Motor

Italacciai
D11E191

Paris-Rhone
D11E191

Aplicação / Application / Aplicación

Peugeot
504 D, 505 D, 604 TD.

Talbot
Tagora D.

0462

T9 | SPL9 | CW

Fam. 17

Original

Lucas Indiel
35257336

Motor**Aplicação / Application / Aplicación****0463**

T9 | SPL9 | CW

Fam. 17

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 / Application / Aplicación

Fenwick
Lift 105, NJ403, TJ403.

Peugeot
404, 404/8, J7.

Saxby
Chariot Pac/Vac.

0467



Fam. 96

Original

Bosch
1987BE0040

Lucas Indiel
227783 - 228133 - 35257521
35257783 - 35258133

Motor

Lucas Indiel
35258340

Aplicação / Application / Aplicación

Ford
Escort Guarujá c/ partida Indiel
(Argentino).

Renault
Clio c/ partida Lucas Indiel.

Volkswagen
Gol.
Santana.

0468



Fam. 96

Original

Bosch
1987BE0016

Lucas Indiel
227785 - 228139
35257525 - 35258139

Motor

Lucas Indiel
35258380

Aplicação / Application / Aplicación

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



Fam. 96

Original

Lucas Indiel
228134 - 35257650
35258393

Motor

Aplicação / Application / Aplicación

Volkswagen
Apollo Classic.

0474

T9 | SPL10 | CW
Fam. 100

Original

Bosch
9001066239

Motor**Aplicação / Application / Aplicación****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

Aplicação / Application / Aplicación

BMW
316, 318, 518, 520, 525, 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 / Application / Aplicación

Ford
Cargo Series, D, K Series.

0482

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 100

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

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

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.
 Coupe GT 1987 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.

CONTINUA / TO BE CONTINUED / CONTINUACIÓN

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 (Alemã).

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 (Alemã).

Golf 1.1, 1.3 c/ partida Bosch (Alemã).

Jetta 1.3 c/ partida Bosch (Alemã).

Kombi c/ partida Bosch (Alemã).

Passat 1.6, 1.8. c/ partida Bosch (Alemã).

Polo 1.0, 1.3 diesel c/ partida Bosch (Alemã).

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 (Alemã).

Scirocco c/ partida Bosch (Alemã).

Station Wagon 1.6 diesel (USA) c/ partida Bosch (Alemã).

Transporter 1.6 diesel c/ partida Bosch (Alemã).

Voyage c/ partida Bosch (Alemã).

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 / Application / Aplicación

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 / Application / Aplicación

Austin
Hire Car FL2.
Taxi FX4.

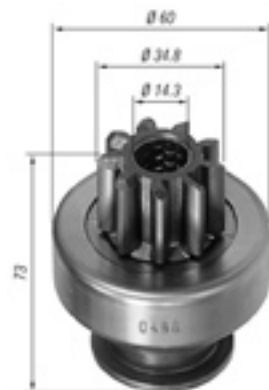
Bedford
3.5 Ton Kamyon.
TJ, TK, TL Series.

Chrysler
Dodge Ranger KC, VC, KCF, DKC, DKCF,
DVC, KCF, VC, WC.

Dodge
DKC, DKCF, DVC, KC, KCF, VC.

Lancer
300 Series, PD III A.

Leyland
FG, FM Range.

0488

T9 | SPL12 | CW

Fam. 39

Original

Lucas
TMB135 - 54263382

Motor**Aplicação / Application / Aplicación**

Fiat Romania
445 DT, SM, SV, V, 550, 550 DT.

0492

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL3 | CW

Fam. 35

Lucas Indiel
227816 - 35257816

Lucas
35258670

John Deere (SLC)
Trator 6300 c/ partida Lucas.
Mercedes Benz
190E.
200.
230.

0495

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL6 | CW

Fam. 37

Chrysler
4106093 - 4145978
Fiat
4091920 - 4106093 - 4145978
Lester
3257 - 3258

Chrysler
40911920 - 4091950
4111855 - 4145359
4240449

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.

0496

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW
 Fam. 15

Bosch

9001083618 - 9002453076

Lucas Indiel
 223265

Bosch

9000083069 - 9002453078

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.

0497

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW

Fam. 14

Bosch2006209414 - 2006209444
9002453077**Lester**

16563 - 17309

Lucas

TNB408

Lucas Indiel

222495

BoschF006AL0602 - 0001359090
9000083071 - 9000083075
9000083076 - 9000453075
9000453076**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.

FordCargo 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 Cum-
mins 6BT, 5.9 lts.**Perkins**

4, 6 cil.

ValmetTrator série 1180 (Cummins 6B 5.9 a
partir de 08/90).**Volkswagen**

Caminhão 16200 c/ motor Cummins.

0498

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL10 | CW

Fam. 50

Isuzu

8941258890

Lester

16245 - 16880 - 16883

Nippondenso0283003570 - 0283003571
0283004410**Nippondenso**1280001310 - 1280001311
1280002170 - 1280004670
1280004671**Toyota**Corolla.
Starlet.

0499



T8 | 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 / Application / Aplicación

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.

0505



T10 | SPL6 | CW

Fam. 20

Original

Bosch

9001453347

Lucas

TWB254

Volkswagen

TE5H11350A

Wapsa

224054

Motor

Bosch

9000453024 - 9000453057

Wapsa

MPB66

Aplicação / Application / Aplicación

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.

0506



T10 | SPL3 | CW

Fam. 40

Original

Lucas

TMB103 - 54246663 - 54257675

Motor

Lucas

26233A/J - 26286A/E - 26320A/B

Aplicação / Application / Aplicación

Austin

Hire Car FL2.
 Taxi FX4.

Chrysler

Dodge.

Dodge

DKC, DKCF, DVC, KC, KCF, VC.

Lancer

300 Series, PD III A.

0507



T11 | SPL3 | CW
Fam. 39

Original

Lester
16664
Lucas
TMB108 - 54242044 - 54246729

Motor

Aplicação / Application / Aplicación

Allis Chalmers
ED40.
Bonser
50 D, 60 D, 70 D, 90 D, 100 D.
David Brown
580, 770, 880, 990, 1190, 1212.

0509



T10 | SPL3 | CW
Fam. 40

Original

Lucas
TMB112 - 54246090
54246734 - 54258545
60600209
Lucas Indiel
223268

Motor

Lucas
26234A/J

Aplicação / Application / Aplicación

Bedford
SB, SP, TJ, TK, VAS.
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 / Application / Aplicación

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.

CONTINUA / TO BE CONTINUED / CONTINUACIÓN

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**Original****Motor****Aplicação / Application / Aplicación**

T8 | SPL8 | CCW
 Fam. 47

Lester

16732 - 16775 - 17057 - 17147
 17580

Mitsubishi

M191T26171

Nissan-Datsun

Cherry.
 GA13, GA15, G16.
 Pulsar.
 Sentra.
 Sunny.

Subaru

Justy 1.2.

0520**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL10 | CW
 Fam. 100

Bosch

F000AL1519 - F000AL1699
 1006209510 - 1006209516
 1006209537 - 1006209545
 1006209566 - 1006209905

Italacciai

SD439

Lester

16405 - 16530

Lucas

TMB566

Lucas Indiel

223119

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

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

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL3 | CW

Fam. 20

Bosch
1987BE0017

Remy
1865687

0528

Original

Motor

Aplicação / Application / Aplicación



T12 | SPL10 | CW

Fam. 15

Bosch
2006209466

Lucas Indiel
223709

Bosch
0001362307

Ford
FT80, 100, 120, 130, 160, 190.
Transit 2.5 D, DT.

0529

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CW

Fam. 17

Bosch
9001452090

Wapsa
224055

Bosch
9000452002 - 9000452004

Wapsa
MWB30

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
16752Paris-Rhone
103624

Motor

Aplicação / Application / Aplicación

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 / Application / Aplicación

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.

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	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL6 CW Fam. 107	Bosch 1987BE0041 Femsa 106122 Fiat 4141057 Iskra 18900179 Italacciai SD105 - SD106 Lucas Indiel 223270 Magneti-Marelli 74866151	Fiat 4085959 - 4085977 Iskra 10130150 Italacciai MTD1201 - 04085959 Magneti-Marelli 63222300 - 63222301 63222331	Fiat 1100D (217D), 1300, 1500, 1500L, 1600S, 1800, 1800B, 2300. 125 Polonês. 1300 (1965), 1500C, 1500L. Fiat Polsky 125P. Zastava 1300.
0536	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL6 CCW Fam. 108	Hitachi 2108F3500 - 210875002 Lester 18305	Hitachi S10861F - S10866	Kawasaki Jet Ski SX440, SX550.

0537

T9 | SPL10 | CW
Fam. 73

Original

Hitachi
211495007
Lester
16954

Motor

Hitachi
5114232

Aplicação / Application / Aplicación

Volvo
240, 260, 340, 360.

0538

T10 | SPL10 | CW
Fam. 15

Original

Bosch
2006209498

Motor

Bosch
0001366019 - 0001368043

Aplicação / Application / Aplicación

Man
10.136, 12.136, 12.170, 12.192,
14.136, 14.170, 14.192, 16.136.

0539

T10 | SPL12 | CW
Fam. 27

Original

Hitachi
1303ST - 21303500
Lester
17088 - 17294

Motor

Hitachi
S1284 - S1361A

Aplicação / Application / Aplicación

New Holland
Trator.
Nissan-Datsun
ED30.

0540



T11 | SPL6 | CCW

Fam. 11

Original

CBT
210803708620
Lada
210803708620
Lucas Indiel
223271

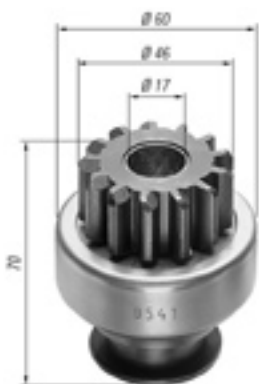
Motor

CBT
210803708010

Aplicação / Application / Aplicación

Lada
Samara.
2108.

0541



T13 | SPL12 | CW

Fam. 39

Original

Italacciai
SD486
Lucas
TNB167 - 54268140

Motor

Italacciai
27501A

Aplicação / Application / Aplicación

Ford
Transit D.

0545



T8 | SPL10 | CW

Fam. 47

Original

Ford
D97Z11350A - SDE311
Lester
16245
Nippondenso
0283002100

Motor

Ford
D97Z11002A - SAE728
868218400
Nippondenso
0280006090

Aplicação / Application / Aplicación

Ford
Courier.

0549



T9 | SPL3 | CW

Fam. 72

Original

Nippondenso
0283000891
Toyota
2801146013

Motor

Aplicação / Application / Aplicación

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 / Application / Aplicación

Nissan-Datsun
310 Deluxe 1982 L4 1.5 gas.
310 GX 1982 L4 1.5 gas.
Cherry automáticos.
E16.
Micra automáticos.
Sunny automáticos.

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 / Application / Aplicación

Caterpillar
Caterpillar Facet 10061.
General Motors
TCM Equipment Ag
Caterpillar Facet 1006L (12 dentes).

0556

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL19 | CW

Fam. 52

Caterpillar
2S-3344 - 3T-5341

Facet
10060

Lester
3038 - 3956 - 4897 - 4918

Remy
1894220 - 1946174

Ww
10060

Caterpillar
Caterpillar Facet.

General Motors

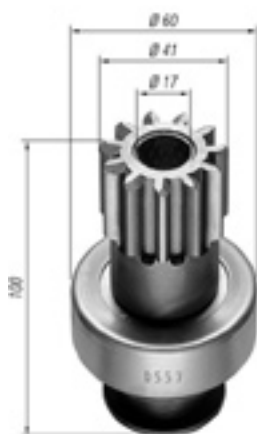
TCM Equipment Ag
Caterpillar Facet (11 dentes).

0557

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL12 | CW

Fam. 40

Lucas
TNB172 - 54268565

Lucas
27512A/D

Valmet
Trator 1180, 1280, 885, 985, todos c/
partida Lucas.
505, 605, 705, 805, 905.

0561

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CW

Fam. 27

Fiat
4988518

Italacciai
SD145

Lester
17219

UTB
2130004

Fiat
4988513

Italacciai
04988513

Fiat Allis
450.

Fiat Romania
450.

0566

T12 | SPL3 | CW

Fam. 45

Original**Remy**

D2026 - D2043 - 10498438
1875852 - 1877353 - 1932890
1951180 - 1965358

Motor**Aplicação / Application / Aplicación****0567**

T9 | SPL3 | CW

Fam. 45

Original**Remy**

D2036 - 10499854
1892899 - 1952410

Motor**Aplicação / Application / Aplicación****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**

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 / Application / Aplicación**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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación

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.

0573

T9 | 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 / Application / Aplicación

Bedford
CF.
BMW
324 D, DT, 524 D, DT, 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

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 / Application / Aplicación

Citroën
AX 10, 11, 14.
BX 16.
Citroën.
Peugeot
205, 205 GTI, 305, 405.
Peugeot.
Renault
Fuego, R11, R18, R9, Super 5.
Renault.

0575

T10 | SPL10 | CW
Fam. 100

Original

Bosch
1006209546
Lester
17047
Lucas Indiel
223120

Motor**Aplicação / Application / Aplicación**

0576



T8 | SPL10 | CW

Fam. 47

Original

Bosch
1987BE0042**Lester**
16971**Nippondenso**
0283004390**Remy**
96051972**Suzuki**
3132082010

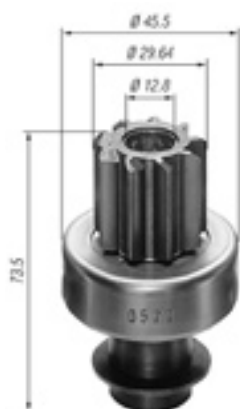
Motor

Nippondenso
0280009900 - 0280009901**Remy**
96051950 - 96062498**Suzuki**
3110082010 - 3110082011

Aplicação / Application / Aplicación

General Motors
Sprint.**Suzuki**
Swift 1.3.

0577



T9 | SPL8 | CW

Fam. 31

Original

Mitsubishi
M191T31871

Motor

Aplicação / Application / Aplicación

Chrysler
Hillman
IHC
Mitsubishi
Nissan-Datsun

0579



T9 | SPL10 | CCW

Fam. 102

Original

Bosch
1006209543 - 1006209544
1006209576 - 1006209596
1006209703 - 1006209710
1006209918 - 1006209919
1006209921 - 1007010045**Fiat**
9944373**Lester**
17030 - 17134 - 17222**Lucas Indiel**
223274

Motor

Bosch
0001108094 - 0001108095
0001108127 - 0001110001
0001110002 - 0001110014
0001110076 - 0001110077
0001110098 - 0001112003
0001114005

Aplicação / Application / Aplicación

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.

CONTINUA / TO BE CONTINUED / CONTINUACIÓN

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 / Application / Aplicación

Nissan-Datsun
 Patrol D.
 SD33.

0584**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL8 | CW

Fam. 47

Lester

16791 - 18162

Lucas Indiel

223755

Mitsubishi

M191T22271 - M191T22871

M191T23171

Kubota

1585263011 - 1585263012

Mitsubishi

M2T30481 - M2T42381

Kubota

Trator/Tractors.

0591**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL12 | CW

Fam. 40

Lucas

TNB173 - 54290474

DAF1000 Turbo.
Road Runner 5.9.**0594****Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL12 | CW

Fam. 39

Fiat

9956595

Lucas

TMB130 - 54248606

Lucas Indiel

223763

Lucas

26372A/B - 26385A/B

26390A - 26390B/E

27430A/B

Fiat

480, 480S, 640.

Fiat IvecoCargo (6 cil.) Turbo.
Iveco.

0595



T8 | SPL8 | CW
Fam. 110

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 - M0T70281 - M0T70381
M0T70481 - M0T70681 - M0T70781
M0T70981 - M0T71181 - M0T71381
M0T71581 - M0T71681 - M0T72581
M0T73281 - M0T73381 - M0T77681
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 / Application / Aplicación

Hyster

Empilhadeira.

Hyundai

Elantra.
Pony.
Sonata, Sonata 2.4, 3.0.
Stellar.

Jeep

Eagle 1.6, 1.8, 2.0 T.

Mitsubishi

Eclipse, Eclipse 2.0 T.
Galant 2.0, 2.4, 3.0.
Pajero V6 à gasolina.
Sigma.
Tredia 2.0.
4G63.
4G93.

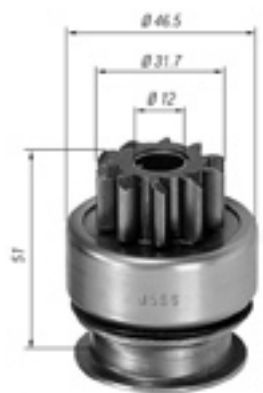
Nissan-Datsun

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 / Application / Aplicación

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 / Application / Aplicación

Jeep
6, 8 cil.

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 / Application / Aplicación

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 / Application / Aplicación

0605

T9 | SPL6 | CCW

Fam. 11

Original

Lucas Indiel
221911
Tria
ZAA911335 - 3143

Motor**Aplicação / Application / Aplicación****0607**

T12 | SPL4 | CW

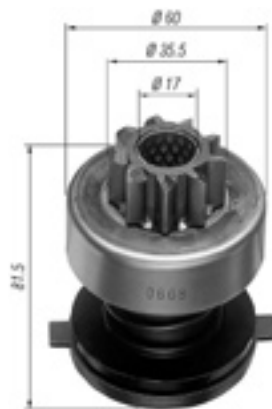
Fam. 41

Original

Allis Chalmers
268757
Lester
16627
Nippondenso
0283001780

Motor

Nippondenso
0280004930

Aplicação / Application / Aplicación**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 / Application / Aplicación

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.

0609

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CW
Fam. 37

Lucas Indiel
221904
Tria
116

0610

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL3 | CW
Fam. 95

Bosch
1987BE0044
Lester
6407
Lucas Indiel
223278
Remy
D2047 - 1989214

General Motors
GMC.
Motor p/ Empilhadeira Hyster.
Hyster
Empilhadeira Hyster.

0611

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CW
Fam. 21

Lester
6300 - 6407 - 6409
6431 - 6443
Remy
D2048 - 10469173 - 10498527

Remy
9000773

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.



T9 | SPL3 | CW

Fam. 95

Bosch

1987BE0045

Lester

6415 - 6416 - 6418 - 6424

Lucas Indiel

223279

Remy

D2050 - 10468675 - 10473700

Remy

10455053

Buick

Century Custom 1994 L4 2.2 gas.
 Century Custom 1994 V6 3.1 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.

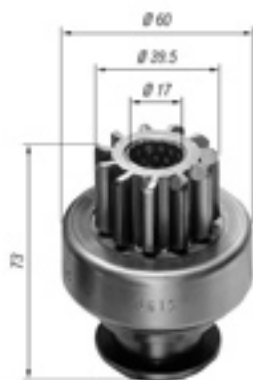
0613**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL10 | CCW
Fam. 101

Bosch
1006209532
Lester
17068

Bosch
0001110009 - 0001110010

Volkswagen
Transporter D, TD.
Vanagon Campmobile 1982 L4 1.6 diesel.
Vanagon Campmobile 1983 L4 1.6 diesel.

0615**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL3 | CCW
Fam. 39

Lucas
TMB106 - 54246727

Lucas
M45G - 26270A/J - 26300A/J
27410A - 27418A

Land Rover
109, 110 2.25 D.
Massey Ferguson
Trator/ Tractors.

0617

T9 | 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 / Application / Aplicación

Mitsubishi
Nissan-Datsun
Suzuki
Vitara.

0619

T9 | SPL10 | CCW
Fam. 102

Original

Bosch
F000AL1520 - F000AL1708
1006209522
Lester
17030
Lucas Indiel
223782

Motor

Bosch
0001110001

Aplicação / Application / Aplicación

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 / Application / Aplicación

Cummins
Motor Serie C.
Komatsu
GD523, 623 (Cummins C Series).
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

Original

Bosch
1987BE0019

Facet
10624 - 10640

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 / Application / Aplicación

Case
Caterpillar
Clark
Cummins
Cummins c/ partida Delco Remy 37MT 12/14V 12D (motores série C - GMC, MB, VW Caminhões).

Ford
F9000, LN9000.

General Motors
John Deere (SLC)
Lister
Mercedes Benz
Caminhão/Ônibus 1625, 1630, 1825, 1935, 1941, 2325, 0400R, 0400RS, 0400RSD, 0400RSL (OM 449A).
Plataforma e Ônibus 0370 (OM355-5, 6, 6A, 6LA), 0371 (OM355-5A, 6A, 6LA), 0371UP (OM355-5).
Motor OM 355.5, 355.6, 355.6A, 335.6LA, 355.5 série BR400 c/ partida Delco Remy 37MT 12/24V.
Ônibus 0355 (OM355-6), 0364 (OM355-5 e 6), 0365 (OM355-5), 0370, 0371, 0371UP.

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

Aplicação / Application / Aplicación

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

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

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 / Application / Aplicación**Caterpillar**

Caterpillar.

Waukesha**0627**

T10 | SPL6 | CCW

Fam. 20

Original**CBT**

5800/00043

Motor**Aplicação / Application / Aplicación****CBT**

Utilitário Javali.

0629

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL12 | CW

Fam. 29

Lester6468 - 6469 - 6570 - 6573
6585 - 6589 - 6590 - 6595**Lucas Indiel**

223787

Remy

10456455 - 10457056 - 10457579

Remy

10479621 - 10479634

FordCaminhão F700 diesel c/ partida Delco 28MT.
F12000.
F14000 (ano 99) c/ partida Delco 28MT.
F700 D, F14000 (1999).

0630

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW

Fam. 100

Bosch1006209538 - 1006209539
1006209691**Fiat**

9940740

Italacciai

SD062

Lester17038 - 17150 - 17227 - 17281
17410 - 17698**Lucas Indiel**

222525

Bosch0001110003 - 0001110005
0001110016 - 0001110025
0001110026 - 0001110039
0001110053 - 0001110054
0001110055 - 0001110075
0001110078 - 0001110079
0001110082 - 0001110089
0001110091 - 0001110092
0001110095 - 0001110102
0001110113**Fiat**

7580192

FiatDuna 1.7 D, Fiorino.
Selecta, Selecta TD.
Tipo 1.7 D.
Uno, Uno D, TD.**Fiat Iveco**

Com partida Delco Remy.

Mercedes Benz190E, 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

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 100

Bosch

9001140317 - 9003336293

Fiat

9939194

Italacciai

SD440

Lester

17009

Lucas Indiel

223285

Bosch0001218001 - 0001218004
0001218005 - 0001218008
0001218010 - 0001218012
0001218013 - 0001218017
0001218018 - 0001218025
0001218107 - 0001218115
0001218120 - 0001219004
0001219008**Fiat**

5984563 - 5985182

Audi100 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.

VolkswagenLT 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 / Application / Aplicación

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 / Application / Aplicación

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.

0634

T9 | 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 / Application / Aplicación

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.

0635

T10 | 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 / Application / Aplicación****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.**0636**

T8 | 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 / Application / Aplicación**Ford**

Festiva.

Kia

Pride.

0638

T9 | SPL10 | CW

Fam. 1

Original**Bosch**

1006209418

Lester

18233

Motor**Bosch**0001311050 - 0001311051
0001314010**Aplicação / Application / Aplicación****Bomag**

BW90.

Farymann

D40, E40.

Hatz

E80 FG, E80 G, E85 FG, E89.

Palmieri

PDA 625, 750, 1250.

0639



T10 | SPL10 | CCW
Fam. 103

Original

Bosch
1006209552 - 1006209912
Lester
17231
Lucas
TMB474
Lucas Indiel
223795

Motor

Bosch
0001110031 - 0001110032
0001110061 - 0001110062
0001110084 - 0001110085

Aplicação / Application / Aplicación

Ford
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.
Vento 1.9 TD.
VW.

0641



T9 | 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 / Application / Aplicación

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.
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.



T11 | SPL10 | CW
Fam. 70

0644

Original

Hitachi
211455003
Lester
18206 - 18207 - 18218

Motor

Hitachi
5114219 - 5114230 - 5114235

Aplicação / Application / Aplicación

Bobcat
Nissan-Datsun
Forklift.
Yanmar

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.

0645

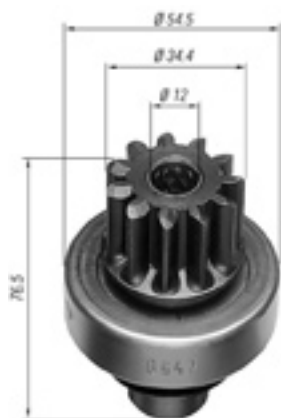
T10 | SPL12 | CW

Fam. 29

Original**Remy**
10457178**Motor****Remy**
10479619**Aplicação / Application / Aplicación****Lincoln**
Teledyne**0646**

T10 | SPL9 | CW

Fam. 85

Original**Italacciai**
SD509
Lucas Indiel
223801
Paris-Rhone
105540**Motor****Italacciai**
D9R084**Aplicação / Application / Aplicación****Citroën**
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 / Application / Aplicación****Citroën**
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 / Application / Aplicación

Agrifull

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 / Application / Aplicación

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 / Application / Aplicación

0651

T9 | SPL12 | CW

Fam. 29

Original

Lester
6579 - 6599
Remy
10457059

Motor

Remy
10479620 - 1113286

Aplicação / Application / Aplicación

Deutz
Allis.
Mercedes Benz
Caminhão 712 eletronic.

0652

T9 | SPL12 | CW

Fam. 29

Original

Lester
6580
Remy
10457060

Motor

Remy
1113287

Aplicação / Application / Aplicación

Lincoln
Teledyne

0653

T9 | SPL10 | CW

Fam. 8

Original

Bosch
9001041103 - 9001043103

Motor**Aplicação / Application / Aplicación**

0655

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CCW
Fam. 108

Facet
10593

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

Original

Motor

Aplicação / Application / Aplicación



T12 | SPL9 | CW
Fam. 85

Bosch
1987BE0047
Italacciai
SD508
Lester
17085
Lucas Indiel
221292
Paris-Rhone
105538 - 185182
Valeo
NE209 - NE883 - 182047
185182 - 594245

Italacciai
D9R073
Valeo
D9R134 - D9R73

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

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL9 | CW
Fam. 85

Italacciai
SD483
Lucas
TMB276
Lucas Indiel
223808
Paris-Rhone
181068
Valeo
NE 212 - 182178

Italacciai
D9R091
Valeo
D9R91

Ford
F1000 c/ motor Maxion HSD.
General Motors
S10 2.5 diesel Maxion.
Land Rover
90, 110, 130 2.5 D, DT.
Defender.
Discovery OM014A.
Pick-up c/ partida Valeo.
Mercedes Benz
Sprinter 310 diesel.

0661

T10 | SPL10 | CW

Fam. 14

Original**Bosch**

2006209413 - 2006209443

Motor**Bosch**

0001359067 - 0001359069
 0001359081 - 0001359082
 0001359104 - 0001359109
 0001359110 - 0001360055

Aplicação / Application / Aplicación**Chrysler**

Caminhão Dodge série S.

Dodge

Trucks S Series.

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 / Application / Aplicación**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 / Application / Aplicación**Ford**

E-F Vans.

Trator/Tractor.

Mitsubishi**New Holland**

Trator/Tractor.

0670

Original

Motor

Aplicação / Application / Aplicación



T13 | SPL10 | CW

Fam. 43

FordE5PF11350AA - E5PZ11350A
SDE330**Lester**

17037

Mitsubishi

M191T65571

FordE5TF11000AA - E5TZ11002B
E8TF11000AA - E8TZ11002A
F3TU11000AA - SA739A**Mitsubishi**M3T90011 - M3T90071
M3T90072**Ford**

Truck diesel.

New Holland

Trator/Tractor.

0671

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL6 | CW

Fam. 10

Bosch

1987BE0020

Magneti-Marelli

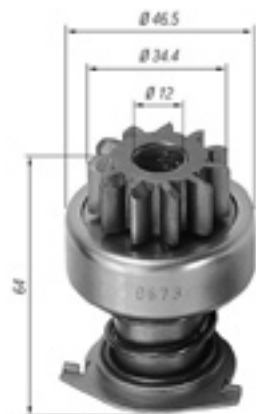
51744826

0673

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL10 | CW

Fam. 8

Bosch

9001042060

Nissan-Datsun

Pick-up.

Sentra.

Vanette.

0674

T9 | SPL10 | CW

Fam. 9

Original**Bosch**
9001043179**Motor****Aplicação / Application / Aplicación****0676**

T9 | SPL10 | CW

Fam. 9

Original**Bosch**
9001043180**Motor****Aplicação / Application / Aplicación****0677**

T10 | SPL10 | CW

Fam. 15

Original**Bosch**
2006209474**Motor****Bosch**
0001362048 - 0001362049
0001362084 - 0001362100**Aplicação / Application / Aplicación****Ford**
3600 Traktor.
Holder
B50, B51.
Nissan-Datsun
Trade.

0679

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL8 | CW
Fam. 110

Lester
17161
Mitsubishi
M191T12671
Nissan-Datsun
2335430R10

Mitsubishi
M1M72281 - M1T72281
M1T72281A
Nissan-Datsun
2330030R12 - 2330030R13

Nissan-Datsun
KA24E.

0681

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL12 | CW
Fam. 6

Ford
E4EF11350AA - E4FZ11350A
E4LF11350AA - E4LY11350A
SD323 - SD324
Lester
3193 - 3194

0684

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL12 | CW
Fam. 27

Hitachi
212015501 - 21309500
Lester
17087 - 17090 - 17299
17331 - 18064 - 18298

0686

T8 | SPL10 | CCW
Fam. 47

Original

Bedford
91118533
Nippondenso
0283003880
Suzuki
3132078310

Motor

Nippondenso
0280008040 - 0280009430
1280001290 - 1280001291
1280001761 - 1280001860
1280003640

Aplicação / Application / Aplicación

Bedford
Midi.
Rascal.
Mitsubishi

0687

T9 | SPL5 | CW
Fam. 118

Original

Hitachi
211435551
Lester
16817 - 17196

Motor

Hitachi
S114503A - S114-516
S114-516A - S114528
S114528A
Mitsubishi
M000T60181

Aplicação / Application / Aplicación

Nissan-Datsun
Nissan Pathfinder motor 3.0 V6
gasolina.
Pick-up.
Terrano 3.0.
VG30.

0691

T15 | SPL10 | CW
Fam. 70

Original

Hitachi
211445002
Lester
16710 - 18216

Motor

Hitachi
5114146 - 5114244
5114417

Aplicação / Application / Aplicación

Yanmar

0701

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CCW

Fam. 105

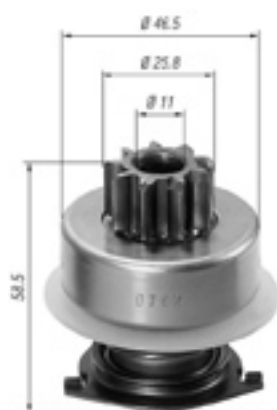
Bosch
9001042189Nissan-Datsun
E16.

0702

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CCW

Fam. 104

0703

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CCW

Fam. 104

0704**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL3 | CW
Fam. 35

0705**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL3 | CW
Fam. 35

0706**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL10 | CW
Fam. 100

Bosch
9003336206
Lucas Indiel
223854

Bosch
0001218007 - 0001218023
0001218125 - 0001218126

Alfa Romeo
164 2.5 TD (VM Engine).
33 1.8 TD, 75 2.0 TD.
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).
Rover
825 TD.

0708**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL6 | CCW
Fam. 108

Johnson Electric
5712820-DV30SM
UTMS
5712820

0709**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL3 | CW
Fam. 21

Lucas Indiel
221491

0711**Original****Motor****Aplicação / Application / Aplicación**

T8 | SPL8 | CW
Fam. 110

Lester
17180 - 17246
Mitsubishi
M191T12571
Nissan-Datsun
2335453J11

Mitsubishi
M1T74181

Nissan-Datsun
Forklift.
SR18, SR20.
Subaru
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 / Application / Aplicación

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 / Application / Aplicación

Fiat
125, 1100T, 1300, 1500, 1800, 2300.
Seat
1500.

0714



T9 | SPL6 | CW
Fam. 10

Original

Bosch
1987BE0048
Garef
6624100
Lucas Indiel
221905

Motor

Aplicação / Application / Aplicación

0720

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL3 | CW

Fam. 35

Lucas Indiel
223290

0721

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL12 | CW

Fam. 43

Lester
6594 - 6597
Remy
10457122

Remy
10479605 - 10479608
10479612

Bobcat
Trator 853 ano 94 série 128.163.90.
Clark
Trator Bob Cat 853 ano 94, série
S12816390.
Detroit
Veículos/Estacionários.

0722

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL12 | CW

Fam. 43

Lester
6574 - 6582 - 6592
6596 - 6598
Remy
10457121

Remy
10479611 - 10479616
10479629 - 1113272
1113277 - 1113291

Case
Cummins
Cummins c/ partida Delco Remy 28MT.
John Deere (SLC)
TCM Equipment Ag
Série 28MT 12/12V.

0723

T12 | SPL12 | CW

Fam. 43

Original

Lester
6591
Remy
10457141

Motor

Remy
10479600

Aplicação / Application / Aplicación

Lister
Petter.

0729

T10 | 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 / Application / Aplicación

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 / Application / Aplicación**

0732

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CW

Fam. 10

Lucas Indiel
223291

Tria
4424

0737

Original

Motor

Aplicação / Application / Aplicación



T9 | - | CW

Fam. 122

Hitachi

211435006 - 211455506
211475008 - 211485008
211495008

Isuzu

8941155680 - 8942363471

Lester

16584 - 16611 - 16811 - 16986
16997 - 18312

Nissan-Datsun

23312H9100 - 23312M4901
23312N5900 - 23312N5903
23312V5301 - 23312V5302

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

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.

0740



Fam. 96

Original

Lucas Indiel
227796 - 228135
35257798 - 35258135

Motor

Aplicação / Application / Aplicación

0741



Fam. 96

Original

Bosch
1987BE0049
Lucas Indiel
228137 - 35257952
35258137

Motor

Aplicação / Application / Aplicación

Peugeot
504, 505 motor 2000.

0742



Fam. 96

Original

Lucas Indiel
228136 - 35257802
35258136

Motor

Aplicação / Application / Aplicación

0743



Original

Lucas Indiel
228138 - 35257963
35258138

Motor

Aplicação / Application / Aplicación

Fiat
147.
128 Super Europa.
147 Brio, SPR, SPT.
Duna 1.3, 1.5.
Fiorino 1.4, 4.6.
Regatta 85SC.
Spazio.
Tipo 1.4, 1.6.
Uno 1.4, 4.6.
Vivace.

0744



Original

Bosch
1987BE0050
Fiat
4044451
Lucas Indiel
221831
Magneti-Marelli
74870841

Motor

Fiat
870374

Aplicação / Application / Aplicación

Fiat
500.
600.

0745



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 / Application / Aplicación

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.

CONTINUA / TO BE CONTINUED / CONTINUACIÓN

Omega, 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, 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.

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 / Application / Aplicación

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.

0748

T10 | SPL10 | CW
Fam. 14

Original

Bosch
9001083674 - 9002453078
9002453079
Lucas
TNB674
Lucas Indiel
223293

Motor

Bosch
9000083077

Aplicação / Application / Aplicación

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.

0749

Original

Motor

Aplicação / Application / Aplicación



T19 | - | CCW

Fam. 126

Yamaha
6K8818071000 - 6M68183E0000

Bombardier
Sea Doo 947.

Kawasaki
Jet Ski SC650, SS750, ST750, SX, SX650, SX750, SXI 750, TS650, X2650, XI750, ZXI1100, ZXI750, ZXI900.
Jet Ski Wet Jet c/ motor Yamaha.
Wet Jet c/ motor Yamaha ZX1900, ZX1750.

Yamaha
Jet Ski Super Jet Wave Blaster 700.
VXR650, 1100, 650, 700, FX1, LX 650, VXRPRO650.
Super Jet.
Wave Blaster 700.
Wave Raider 760, 650 II e III.
Wave Venture 1100.
Wave Runner 700.

0750

Original

Motor

Aplicação / Application / Aplicación



T11 | - | CW

Fam. 124

Lester
17020 - 17197 - 17216
Nippondenso
283006860

Chrysler
Fifty Avenue, Lebaron.

0751

Original

Motor

Aplicação / Application / Aplicación



T17 | - | CCW

Fam. 126

Mitsuba
SM13
Polaris
3084981

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

0752

T9 | SPL6 | CW

Fam. 95

Original

Bosch
1987BE0051

Lester
6401 - 6432 - 6433

Lucas Indiel
223333

Remy
10497257

Motor**Aplicação / Application / Aplicación**

Daewoo
Le Mans.

General Motors
Saturno 91.

0753

T9 | SPL9 | CCW

Fam. 96

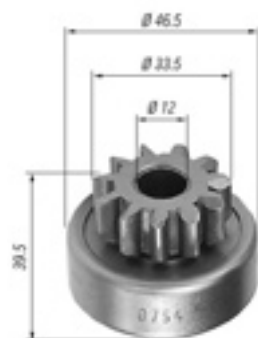
Original

Lucas Indiel
228229 - 35258229

Motor**Aplicação / Application / Aplicación**

Ford
Escort c/ motor Audi.

Volkswagen
Apollo c/ partida Lucas.
Logus c/ partida Lucas.

0754

T11 | SPL6 | CCW

Fam. 108

Original**Motor****Aplicação / Application / Aplicación**

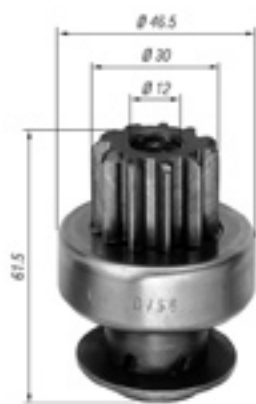
Yamaha
Yamaha, LX500 cc.

0755**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL3 | CW

Fam. 20

Pode ser substituído por 0625
 Can be replaced by 0625
 Puede ser cambiado por 0625

0756**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL6 | CW

Fam. 34

Bosch

1987BE0052

Lester
 6449 - 6470 - 6472 - 6480 - 6482
 6560 - 6561 - 6562 - 6563
Remy

10465293 - 10475616

Remy

10465167 - 9000786

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.

0758**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL8 | CW

Fam. 113

Lester

17437

Mitsubishi

M191T13571

Mitsubishi

M1T60381

Nissan-Datsun

23300k9160

Nissan-Datsun

Empilhadeira c/ partida Mitsubishi. Forklift.

0760

T11 | SPL10 | CW
Fam. 15

Original

Bosch
2006209537

Motor

Bosch
0001364203 - 0001364206

Aplicação / Application / Aplicación

DAF
F2100, F2103, F2105, F2300.
Kawasaki
F2100, F2103, F2105, F2300, F2303,
F2305, SB2500DH.

0762

T10 | SPL9 | CCW
Fam. 97

Original

Lucas Indiel
228384 - 35258384

Motor**Aplicação / Application / Aplicación**

Ford
Escort c/ motor Audi 827 c/ MQ.

0764

T11 | SPL10 | CW
Fam. 15

Original

Bosch
2006209465
Lester
17318

Motor

Bosch
0001362700

Aplicação / Application / Aplicación

KHD
F2L 1011, F3L 1011, F4L 1011.
KHD.

0765**Original****Motor****Aplicação / Application / Aplicación**

T8 | SPL10 | CCW
Fam. 50

Lester
17152 - 17565
Nippondenso
283004320

Bedford
Midi.
Innocenti
Mini 3 cil.

0767**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL6 | CW
Fam. 20

Lester
6609
Remy
DRA3002D

0768**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL2 | CCW
Fam. 26

Fiat
4120550
Magneti-Marelli
74869711

Fiat
4117351 - 4117464
Magneti-Marelli
63220107 - 63220108
3220137

Fiat
500D, 500F, 500L, 500R.
Giardiniera.

0769

T9 | SPL6 | CCW
Fam. 26

Original

Fiat
9939837
Lucas Indiel
222501

Motor

Fiat
7533231

Aplicação / Application / Aplicación

Fiat
126 Bis.
Uno.
Fiat Polsky
126.

0770

T9 | SPL6 | CW
Fam. 34

Original

Bosch
1987BE0021
Lester
6445 - 6481
Lucas
TDB974
Lucas Indiel
223294
Remy
10451980 - 10475974

Motor

Remy
9000794 - 9000846

Aplicação / Application / Aplicación

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.

0771

T10 | SPL3 | CW
Fam. 35

Original

Lucas Indiel
227911 - 35257911

Motor**Aplicação / Application / Aplicación**

Peugeot
Peugeot 504 diesel c/ motor XD2 a
partir de 95.
Renault
Trafic TA12, TA52, T312, 352, todos
diesel.

0772

T9 | SPL3 | CW

Fam. 35

Original

Lucas Indiel
228266 - 35258266

Motor**Aplicação / Application / Aplicación****Ford**

Pick-up F100, F1000, F150, F4000 c/
motor MWM.

MWM

Motor 4 cil. (Ford F1000, F4000) c/
partida Lucas.

0773

T9 | SPL6 | CCW

Fam. 108

Original

Lester
17605
Nippondenso
0283006000 - 0283007711

Motor**Aplicação / Application / Aplicación****Bombardier**

Jet Ski.

Sea Doo

Jet Ski Sea Doo GSX, GTI, GTS, GTX,
HX, SP (c/ motor Bombardier), SP1,
SPX, XP.

0774

T9 | SPL6 | CW

Fam. 34

Original

Lester
6452 - 6471
Remy
10476642

Motor

Remy
CM9805 - 10465294
323489 - 9000805 - 9000812

Aplicação / Application / Aplicación**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.
Seville STS 1998 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 / Application / Aplicación

Citroën
AX, AX 1.4 diesel, AX Sport, BX14,
BX16, BX19, MOT, XM, XU10.
XM 2.0, 3.0.
Peugeot
305 1.6, 309, 405, 605 2.0.
205, 205 GTI, 305, 605, Rallye.
Renault
Safrane 2.0, 2.2.

0776



T12 | SPL19 | CW
Fam. 51

Original

Leece-Neville
M029075249

Motor

Aplicação / Application / Aplicación

0778



T11 | SPL19 | CW
Fam. 51

Original

Leece-Neville
M02909722

Motor

Aplicação / Application / Aplicación

0779



T9 | SPL6 | CW
Fam. 47

Original

Bosch
1987BE0124
Fiat
9945556
Lucas
TMB009
Lucas Indiel
223307
Magneti-Marelli
85540971

Motor

Fiat
46417006 - 46429594 - 46465475
7772459 - 7772462 - 7785949
7796598
Magneti-Marelli
63101002 - 63102003 - 63102004
63222889 - 63222900 - 63222908
63223085 - 63223101 - 63223108
63223200 - 63223303

Aplicação / Application / Aplicación

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.
Strada.
Tipo 1.6.
Uno Sting.
Lancia
Dedra 1.6.
Delta, Y 1.1, 1.2, 1.4.

0781



T11 | SPL10 | CW
Fam. 106

Original

Bosch
1006209555
Lester
18255

Motor

Bosch
0001317024

Aplicação / Application / Aplicación

Farymann
36, 40 Series.

0783



T9 | SPL3 | CW
Fam. 17

Original

Lester
6473 - 6474 - 6483
Remy
10487536

Motor

Remy
10455069 - 10455081
1358859 - 2058

Aplicação / Application / Aplicación

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 PRIZ SE 1996 V6 3.1 gas.
Grand PRIZ SE 1997 V6 3.1 gas.
Sunfire SE 1996 L4 2.2 gas.
Sunfire SE 1997 L4 2.2 gas.

0784

T9 | SPL10 | CCW

Fam. 15

Original

Bosch
2006209434
Lester
17308
Lucas Indiel
223908

Motor

Bosch
0001367061

Aplicação / Application / Aplicación

Case
Colheitadeira/Combine/Cosechadora.
Fiat

0785

T15 | SPL12 | CW

Fam. 27

Original

Hitachi
213065002
Lester
18204 - 18208 - 18295

Motor

Hitachi
51277A - 51279 - 51337
51341 - 51341A

Aplicação / Application / Aplicación

Yanmar
Trator/Tractor.

0786



T9 | SPL6 | CW
Fam. 38

Original

Bosch

1987BE0053

Fiat9939915 - 9940577 - 9941300
9941306**Lucas**

TMM901

Lucas Indiel

223124

Magneti-Marelli74893901 - 74896531 - 85540011
85540081 - 85540381 - 85540411

Motor

Magneti-Marelli63221800 - 63221830 - 63221832
63221834 - 63221890 - 63221892
63222831 - 63222832 - 63222833
63222836 - 63222837 - 63222838
63222897 - 63223001 - 63223031
63223032 - 63223033 - 63223034

Aplicação / Application / Aplicación

Asia Motors

Besta 1.0.

FiatCinquecento 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.

Renault

Trafic à gasolina ano 95 (5 marchas).

Seat

Ibiza, Malaga, Ronda.

0787



T9 | SPL10 | CW
Fam. 86

Original

Lester

17667

Lucas Indiel

221293

ValeoNE875 - 186867 - 186938
187960 - 188887 - 594214

Motor

ValeoD6RA - D6RA141 - D6RA511
D6RA53 - D6RA571 - D6RA572
D6RA63 - D6RA661 - D6RA721

Aplicação / Application / Aplicación

CitroënSaxo 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).

Peugeot106, 106 1.0.
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.

0790



T9 | - | CW
Fam. 122

Original

Hitachi211415507 - 211485501
21301502 - 213065001 - 213075004**Lester**16733 - 16809 - 18053 - 18054
18061**Nissan-Datsun**2331210G00 - 2331211M00
23354V0700 - 2354V0700

Motor

HitachiS1143557A - 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
23300V07702 - 23300V700
23300V7260 - 23300W2500
23300W2804 - 2330005E00
233000500 - 23300054A01
2330006W61 - 233000703
2330010G02 - 23300100G02
2330011M00 - 2330011M00
2330011M02 - 2330011N00

Aplicação / Application / Aplicación

Nissan-DatsunCD 17.
CD 20.
Forklift.
Patrol 3.3 D.
Vanette D.

2330038W00 - 233005E00
2330054A01 - 2330083W00
2330090E00

0791



T8 | - | CW
Fam. 122

Original

Hitachi
211435507
Lester
16694 - 16803 - 16982
Nissan-Datsun
23312M4902

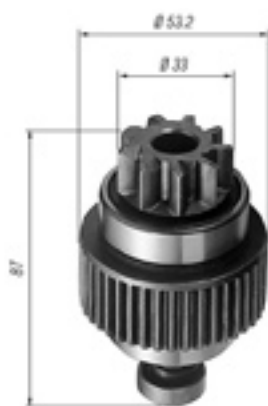
Motor

Hitachi
S114252 - S114252A - S114252C
S114252E - S114252F - S114322
S114322A - S114393 - S114403B
Nissan-Datsun
23300D0300 - 23300D0301
23300M4900 - 23300M4901
23300M4903 - 23300M4904
2330004E00 - 2330004E01
2330005P01

Aplicação / Application / Aplicación

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.

0792



T9 | - | CW
Fam. 122

Original

Hitachi
2130-35009 - 2130-75002
2130-75003 - 2130-85003
Lester
17088 - 18067
Thermo King
446676 - 446681

Motor

Thermo King
451229 - 451263 - 451285

Aplicação / Application / Aplicación

Isuzu

0793

T8 | - | CCW

Fam. 122

Original

Lester
16816 - 17178
Nissan-Datsun
2331236A00

Motor

Hitachi
5114440 - 5114475A
5114486 - 51384B - 51389
Nissan-Datsun
2330036A00

Aplicação / Application / Aplicación

Nissan-Datsun
E16.
NX 1600.
NX 2000.
Pulsar 1.6.
Sentra 1.6.

0794

T10 | SPL10 | CCW

Fam. 100

Original

Bosch
1006209551

Motor

Bosch
0001110033

Aplicação / Application / Aplicación

Ford
F1000 c/ motor 4.9 L à gasolina.
Goldoni
Transcar 25.
Hatz
2 G, Series.
Lombardini
12LD.
Ruggerini
RD, RDK, RDM, RF, RK, RM.

0796

T9 | SPL10 | CW

Fam. 100

Original

Bosch
9002336208
Lucas
TMB208
Lucas Indiel
223295

Motor

Bosch
9000331419

Aplicação / Application / Aplicación

Mercedes Benz
180 D Furgão, Pick-up.
MB100, 120, 140, 160, 180.
MB180D.
Sprinter c/ partida Bosch.

0797



T9 | SPL10 | CW
Fam. 84

Original

Bosch
1006209580
Lucas Indiel
223918

Motor

Bosch
0001109001 - 0001109002
0001109006

Aplicação / Application / Aplicación

Seat
Seat.
Terra 1.4 D.
Volkswagen
Polo 1.4 D.
VW.

0798



T9 | SPL10 | CCW
Fam. 100

Original

Bosch
1006209535
Lester
17023
Lucas Indiel
223919

Motor

Bosch
0001108021 - 0001108147

Aplicação / Application / Aplicación

Porsche
924, 944.

0799



T9 | 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 / Application / Aplicación

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.

0800**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL10 | CW
Fam. 100

Bosch
1006209541
Lucas Indiel
223920

Bosch
F010AL0101 - 0001110017
0001110999

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.

0801**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPLB | CW
Fam. 110

Lester
17467
Mitsubishi
M191T14271 - M191T76081

Chrysler
56004934
Mitsubishi
M1T76081

Chrysler
Jeep Cherokee c/ partida Mitsubishi.
Mitsubishi
L300.

0803

T9 | SPL10 | CW

Fam. 106

Original**Bosch**

1006209564

Lester

17013 - 17276 - 17670

Motor**Bosch**

0001108075 - 0001108091

0001108092 - 0001108151

0001108154

Aplicação / Application / Aplicación**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.

0805

T11 | SPL10 | CCW

Fam. 102

Original**Bosch**

1006209578 - 1006209923

Lucas Indiel

223296

Motor**Bosch**

0001108099

Aplicação / Application / Aplicación**Lada**

Samara 1.1, 1.3, 1.5.

Samara c/ partida Bosch.

0806

T12 | SPL6 | CW

Fam. 112

Original**Lucas Indiel**

223297

Mitsubishi

M191T13671 - M191T14671

Motor**Mitsubishi**

M1T90281

Aplicação / Application / Aplicación**Citroën**

Evasion TD.

Jumper.

Jumpy.

Xantia TD.

ZX TD.

JPX

Jeep c/ partida Mitsubishi.

Mitsubishi**Peugeot**

306, 405, 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

Motor**Nippondenso**

31200P1RA52

Aplicação / Application / Aplicación**Honda**

Civic.

Toyota

4A, 5A, 4E, SE.

0813

T10 | SPL4 | CW

Fam. 41

Original**Lester**

16655 - 17371

Nippondenso

0283001860

Motor**Aplicação / Application / Aplicación**

0814

T10 | SPL10 | CW

Fam. 15

Original

Bosch
2006209432

Lester
18035

Motor

Bosch
0001367054

Aplicação / Application / Aplicación

Case
Trator MX135.

0815

T9 | - | CW

Fam. 125

Original

Lester
16845 - 16901 - 16902 - 16914
16960 - 16975 - 17160 - 17201
17205 - 17474 - 17491 - 17527

Mitsuba
31204PD1003

Motor**Aplicação / Application / Aplicación**

Honda
Accord.
Civic.
CRX.
Prelude.

0816

T10 | - | CW

Fam. 124

Original

Lester
17466 - 17485

Nippondenso
283007270

Motor**Aplicação / Application / Aplicación**

0817**Original****Motor****Aplicação / Application / Aplicación**

T10 | - | CW

Fam. 124

Lester
17460 - 17465
Nippondenso
283007720

Chrysler
Caravan 92 a 97.
Concorde 93 a 97.
Dodge Eagle Vision Intrepid 93 a 97.
Dodge Fifth Avenue 93.
Dynasty 90 a 93.
Imperial.
New Yorker.
Town & Country 92 a 97.

0818**Original****Motor****Aplicação / Application / Aplicación**

T9 | - | CW

Fam. 124

Nippondenso
0283006990 - 0283007170

Nippondenso
1280008210
Toyota
2810016270

General Motors
Honda
Honda (redução).
Isuzu
Toyota
Corolla.
Yale
Empilhadeira.

0820**Original****Motor****Aplicação / Application / Aplicación**

T10 | SFL9 | CW

Fam. 98

Lucas
TMB182 - 54291735

Lucas
26903A - 26913A - 26921
26925 - 26929A/B - 26931A/B
26935B

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
26696 - 26707A/L - 26708
26713A/D - 26716B - 26804A/E
26809A - 26810A - 26816
26823 - 26824

Aplicação / Application / Aplicación

Ford
Mondeo.
Rover
216.

0822**Original**

Lucas
TMB174 - 54292929

Motor

Lucas
M79 - 26702 - 26702E/K
26717A - 26811A - 26812A/D

Aplicação / Application / Aplicación

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 / Application / Aplicación

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.

0825

T10 | SPL8 | CW

Fam. 110

Original**Lester**

17461 - 17559 - 17561

Mitsubishi

M191T14371 - M191T15271

Motor**Chrysler**

56041014

Mitsubishi

M001T74287ZC

Aplicação / Application / Aplicación**Chrysler**

Jeep Cherokee c/ partida Mitsubishi.

0826

T10 | SPL3 | CW

Fam. 35

Original**Lucas Indiel**

220206 - 35260206

Motor**Lucas Indiel**

35258440

Aplicação / Application / Aplicación**General Motors**

D20 c/ motor Maxion.

Perkins

Maxion - GM D20 c/ partida Lucas.

0828

T9 | SPL5 | CW

Fam. 118

Original**Hitachi**

211475014

Lester

17246

Motor**Aplicação / Application / Aplicación**

0830

T8 | SPL5 | CW
Fam. 34

Original

Lester
16879
Nippondenso
283005820

Motor**Aplicação / Application / Aplicación****0831**

T9 | SPL12 | CCW
Fam. 21

Original

Pal
443937150171
Skoda
115904030

Motor**Aplicação / Application / Aplicación**

Skoda
Favorit.
Felicia.
Forman.
Kamyonet.
Otomobil.

0832

T9 | 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 / Application / Aplicación

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.

0836

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL8 | CW
 Fam. 47

Mitsubishi
 M191T22471

Mitsubishi
 M2T48381 - M3T32985

Peugeot
 106.

0837

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW
 Fam. 84

Bosch
 F000AL1040 - F000AL1238
 F000AL1679 - F000AL1680
 F000AL1692 - 9001081022

Lucas
 TMB022

Lucas Indiel
 223126

Bosch
 F000AL0304 - F000AL0309
 F000AL0310 - F000AL0314
 9000081003

Fiat
 Doblô.
 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.

0838**Original**

Bosch
9003336282
Lucas Indiel
223302

Motor

Bosch
9000331418

Aplicação / Application / Aplicación

Fiat Iveco
Ducato Argentino 1997.
Lombardini
LDA672, 673.
MWM
Diter D302, D325, D889, D890, D900, D989.

0841**Original**

Nippondenso
0283005400 - 2801113060

Motor

Nippondenso
1280007740 - 185086440

Aplicação / Application / Aplicación

Toyota
4K, 5K.

0843**Original**

Valeo
BD7E17 - D7E15 - NE971 - 182848
187788 - 190205 - 230205 - 300305
494829 - 594345

Motor

Valeo
BD7E17 - BD7R1 - D7E15
D7E17 - D7E4 - D7E6
D7E8 - 93264950

Aplicação / Application / Aplicación

General Motors
Celta.
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.

0844

T9 | - | CW
Fam. 122

Original

Hitachi
213035004
Lester
17138

Motor

Hitachi
S1391

Aplicação / Application / Aplicación

Volkswagen
LT TD.
Volvo
240 D, 740 TD, 940 TD.

0846

T11 | SPL10 | CW
Fam. 84

Original

Bosch
F000AL1023 - 9001081066
Lucas
TMB066
Lucas Indiel
223127

Motor

Bosch
F000AL0300 - F000AL0305
F010AL0301 - 9000081009

Aplicação / Application / Aplicación

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 Elettronic.

0850

T9 | SPL12 | CW
Fam. 29

Original

Lester
18193
Remy
0215002001

Motor**Aplicação / Application / Aplicación**

0851

T10 | SPL10 | CCW
Fam. 103

Original

Bosch
9002336204
Lucas
TMB475

Motor

Bosch
0001218116

Aplicação / Application / Aplicación

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 / Application / Aplicación

Chrysler
Néon.

0853

T8 | SPL8 | CW
Fam. 47

Original

Lester
16579
Mitsubishi
M191T22571
Nissan-Datsun
23354T5000

Motor

Mitsubishi
M2T20181 - M2T20181D
Nissan-Datsun
23300H5014

Aplicação / Application / Aplicación

Nissan-Datsun
A12, A15.
Forklift.

0854**Original****Motor****Aplicação / Application / Aplicación**

T8 | SFL6 | CCW

Fam. 34

Lucas
TMB008
Remy
10475958

Remy
10455505

Asia Motors
Towner.
Towner c/ motor Daewoo.

0855**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL10 | CW

Fam. 84

Bosch
F000AL1693 - 9001081042
Lucas
TMB042
Lucas Indiel
223305

Bosch
F000AL0100 - 9000081005
9000081008

Fiat
Palio Weekend 1.6 16V.
Palio 1.6 16V.
Tempra 2.0 MPI 16V.
Tempra 2.0 SPI 8V.
Tempra 2.0 Turbo MPI 8V.
Tempra 2.0 8V.
Uno.

0856**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL12 | CW

Fam. 115

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 / Application / Aplicación**Fiat**Regata 1.7 diesel.
Ritmo 1.7 D.
Ritmo diesel.**Mercedes Benz**190E, 190, 200, 230, 250, 280, L410,
0309.**Peugeot**

305 diesel.

Talbot

Horizon D.

VolkswagenLT28, LT31, LT35, LT40, LT45, LT50 (2.4
Engine).**0858**

T12 | SPL3 | CW

Fam. 20

Pode ser substituído por 0624
Can be replaced by 0624
Puede ser cambiado por 0624

Original**Motor****Aplicação / Application / Aplicación****0860**

T10 | SPL9 | CCW

Fam. 129

Original**Lucas**

35258396

Lucas Indiel

228396

Motor**Lucas Indiel**35258270 - 35258640
35259060**Aplicação / Application / Aplicación****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

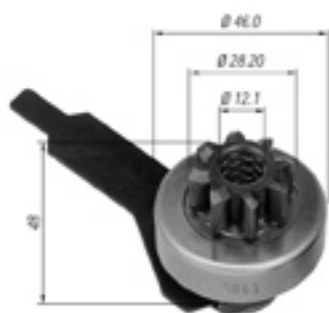
Bosch
9002336226
Lucas Indiel
223965

Motor

Bosch
0001218168 - 9000331432
9000331433

Aplicação / Application / Aplicación

Ford
F1000 diesel c/ motor Maxion TN1 HSD (1997).
General Motors
Blazer 2.5 diesel.
Pick-up S10 diesel.
Land Rover
Defender 2.5 D.
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 / Application / Aplicación

Nissan-Datsun
Primera 1.6.

0866

T9 | SPL10 | CW

Fam. 102

Original

Bosch
F000AL1705 - 9001081052
Lucas
TMB052
Lucas Indiel
223128

Motor

Bosch
F010AL0103 - 9000081006
9000081007

Aplicação / Application / Aplicación

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.

0868

T10 | SPL3 | CW

Fam. 35

Original

Bosch
1987BE0054
Lucas Indiel
35257824

Motor

Lucas Indiel
35257700

Aplicação / Application / Aplicación

Peugeot
Peugeot 504 diesel c/ motor XT2 e
partida Lucas Indiel.

0871

T8 | SPL10 | CW

Fam. 100

Original

Bosch
F000AL1440 - F000AL1697
9001690057 - 9001690067

Motor**Aplicação / Application / Aplicación**

Mazda
323 1.3, 1.5 8T.

0874

T8 | SPL10 | CW

Fam. 1

Original

Bosch
9001692097

Motor**Aplicação / Application / Aplicación**

Mazda
323 1.4, B1600, 2000LDV.
Toyota
Corolla 1.3, 1.6 8T.

0875



T9 | SPL10 | CW
Fam. 100

Original

Bosch
F000AL1881 - 9003336283
Fiat
9939710
Lucas Indiel
223976

Motor

Bosch
0001217174 - 0001218014
0001218019 - 0001218024
0001218101 - 0001218102
0001218103 - 0001218159
0001218174

Aplicação / Application / Aplicación

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.

0878



T11 | SPL10 | CW
Fam. 38

Original

Fiat
9941846
Magneti-Marelli
85540321 - 85541040

Motor

Magneti-Marelli
63223430 - 63223431
63223432 - 63223436
63223530 - 63223531
63223532

Aplicação / Application / Aplicación

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.

0879



T13 | 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 / Application / Aplicación

TCM Equipment Ag
Série 40MT Series.
Série 42/50MT 12/24V.

0887

T20 | SPL5 | CW
Fam. 128

Original

Lester
17577 - 17578
Mitsubishi
M8T50071 - M8T50171

Motor**Aplicação / Application / Aplicación**

Ford
Cargo (7.3L Engine).
E-F Vans.
Mitsubishi
Canter.

0888

T11 | SPL3 | CW
Fam. 20

Original**Motor****Aplicação / Application / Aplicación**

Remy
37MT.

0890

T23 | SPL12 | CW
Fam. 115

Original

Facet
10671
Ford
F8BU11350AA
Lucas
TMM990
Lucas Indiel
222514
Ww
10671

Motor**Aplicação / Application / Aplicación**

Ford
Courier.
Fiesta.
Ka.

0892**Original****Motor****Aplicação / Application / Aplicación**

T9 | - | CCW

Fam. 122

Magnetron
443.937.150.860
Skoda
1722

Lada
2110.
Skoda
Felicia.

0893**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL10 | CW

Fam. 1

Clark
Empilhadeira CG P 25 c/ arranque adaptado.

0894**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL12 | CW

Fam. 43

Lester
18100 - 18191
Nikko
0-230001030 - 0-23000-1031
0-23000-1050 - 0-23000-1070
0-23000-1071 - 0-23000-1080
1-23500-0010

0895	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL12 CW Fam. 29	Lester 18086 - 18101 - 18103		
0896	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL12 CW Fam. 127	Iskra 525		
0898	Original	Motor	Aplicação / Application / Aplicación
 T11 SPL19 CW Fam. 108	Facet 10036 - 480105 - 480183 Harley-Davidson 3144365A	Harley-Davidson 3145564 - 3145564A	Harley-Davidson Harley-Davidson.

0900



T10 | SPL10 | CCW

Fam. 103

Original

Bosch

1006209553 - 1006209565
 1006209583 - 1006209910
 1006209922

Lester

17223 - 17417

Lucas Indiel

224000

Motor

Bosch

0001107005 - 0001107006
 0001108076 - 0001108077
 0001108096 - 0001114009
 0001114010

Aplicação / Application / Aplicación

Volkswagen

Corrado 1.8 16V, G60.
 Golf 1.8.
 Passat 1.6, 2.0.
 Passat 1.8.
 Transporter 1.8, 2.0.

0901



T11 | SPL12 | CW

Fam. 27

Original

Bosch

1987BE0055

Hitachi

2250-25003 - 2250-45004

Motor

Hitachi

S25110G

Aplicação / Application / Aplicación

Nissan-Datsun

ED33.
 FD6.
 Forklift.

0902



T11 | SPL12 | CW

Fam. 21

Original

Motor

Aplicação / Application / Aplicación

Zetor

Zetor Tractors, Farm Machinery.

0905	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL12 CW Fam. 4	Bosch 1987BE0022		
0906	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL6 CW Fam. 50	Lucas Indiel 224006		
0907	Original	Motor	Aplicação / Application / Aplicación
 T13 SPL12 CW Fam. 115	Ford F7RUK614 - 106688 - 10670F7RU	Ford 97VB11000AB - 98VB11000 98VB11000B3A	Ford Ford Transit. Transit 2.5 D.

0908**Original****Motor****Aplicação / Application / Aplicación**

T8 | SPL9 | CW
Fam. 85

Lucas
66241583

Ford
Courier.
Mazda
Mazda 323, 626SL, SLX.

0910**Original****Motor****Aplicação / Application / Aplicación**

T8 | SPL6 | CW
Fam. 80

Magneti-Marelli
72139004

Magneti-Marelli
MT68Q - MT68QA - 63216815
63216851 - 63217403

Renault
Renault Master.

0914**Original****Motor****Aplicação / Application / Aplicación**

T12 | SPL19 | CCW
Fam. 51

Facet
480414
Lester
3050 - 3364 - 3370 - 3932
6234 - 6247 - 6248 - 6255
6258 - 6518 - 6528 - 6529
6550 - 6626 - 6627 - 6650
Remy
1893561 - 1953151

Remy
1113477 - 1114155 - 1114177
1114716 - 1114948 - 1990486
1993774 - 1993784 - 1993801
1993826

TCM Equipment Ag
Série 42/50MT 12/24V.

0915

T9 | SPL9 | CW
Fam. 117

Original

Lucas
35260198 - 35260202

Motor

Lucas
35258430

Aplicação / Application / Aplicación

General Motors
Grand Blazer 4.1.
Silverado c/ motor 6 cil. à gasolina 12V.
Peugeot
306.
405 FRI.

0916

T9 | SPL10 | CW
Fam. 85

Original

Bosch
F000AL1684
Lucas
35259023 - 35260280

Motor

Lucas
35258660 - 35259040
35259170 - 35259400

Aplicação / Application / Aplicación

Ford
F1000 (ano 97) c/ motor Maxion HSD
c/ partida Lucas.
Ranger (Maxion HSD).
Ranger.
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 / Application / Aplicación**

0918**Original****Motor****Aplicação / Application / Aplicación**

Lucas
66241709

0919**Original****Motor****Aplicação / Application / Aplicación**

Bosch
9001066255

Bosch
F005M00012 - F005M00014

General Motors
Omega 3.8 V6.
Omega Importado 3.8 V6 (Australía).

0920**Original****Motor****Aplicação / Application / Aplicación**

Bosch
2006202010 - 2006202011

Bosch
0001371004 - 0001371005
0001371006 - 0001371008
0001371009 - 0001372001

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

Toyota

2801154070

Motor**Nippondenso**

0280007373 - 0280008760
0280008762 - 1280000362
1280007353 - 1280008142
1280008152 - 1280009592
2280000400 - 2280000640
2280001300

Toyota

2810054100 - 2810054170

Aplicação / Application / Aplicación**Toyota**

Hilux 2.8 D.
Hilux 2.8 Land Cruiser diesel.
L, 2L.
Land Cruiser.

Volkswagen

Taro.

0924

T13 | SPL3 | CCW

Fam. 45

Original**Facet**

10580

Remy

1896767

Motor**Aplicação / Application / Aplicación**

0925



T9 | SPL10 | CW

Fam. 94

Original

Bosch

1006209618 - 1006209638
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 / Application / Aplicación

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

16900922

Motor

Aplicação / Application / Aplicación

0929

T11 | SPL10 | CW

Fam. 94

Original

Bosch
9002336230
Lester
18230

Motor

Bosch
0001218172

Aplicação / Application / Aplicación

KHD
BF4L1011.

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 / Application / Aplicación

TCM Equipment Ag
Série 42/50MT 12/24V.

0931

T10 | SPL10 | CW

Fam. 1

Original

Bosch
1006209482 - 1006209914

Motor

Bosch
0001314047 - 0001316012

Aplicação / Application / Aplicación

Hatz
1D 60/80.

0932

T9 | SPL16 | CCW
Fam. 94

Original

Bosch
1006209628 - 1006209649
1006209758

Motor

Bosch
0001124003 - 0001124013
0001125005 - 0001125006

Aplicação / Application / Aplicación

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 / Application / Aplicación

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.

0935

T11 | SPL9 | CW
Fam. 87

Original

Lucas Indiel
224035

Motor**Aplicação / Application / Aplicación**

Ford
Jeep JPX.

JPX
Jeep c/ partida Valeo.

Renault
Clio.
Clio Express c/ motor diesel.
Express D.
R19, R19 D.

0936

T11 | SPL9 | CW

Fam. 85

Original

Lucas Indiel
224036
Valeo
NE210 - 182052

Motor

Paris-Rhone
D9R121 - D9R84

Aplicação / Application / Aplicación

Peugeot
604 c/ motor diesel, 405, 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 / Application / Aplicación

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.
Golf 2.0 2001, Golf III 1.9 TDI.
Multivan, Passat.
Polo 1.9 TDI.
Sharan 1.9 TDI.
Vento 1.9 TDI.

0938

T10 | SPL10 | CW

Fam. 94

Original

Bosch
1006209629 - 1006209929
Lucas Indiel
224038

Motor

Bosch
0001107043 - 0001107087
0001113010 - 0001113017

Aplicação / Application / Aplicación

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

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL8 | CCW
Fam. 47

Asia Motors
Towner c/ motor Mando (Mando Engine).

0942

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW
Fam. 84

Bosch
F000AL1032 - F000AL1037
F000AL1882

Bosch
F000AL0301

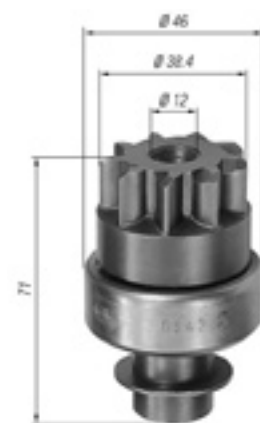
Volkswagen
Gol AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99).
Gol II 1.6 Mi.
Parati AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99).
Saveiro AP 1.6 Mi, 1.8 Mi, 2.0 Mi (8 e 16V ano 99).

0943

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL8 | CCW
Fam. 47

Lester
17333
Onan
1911953

0945



T9 | SPL9 | CW

Fam. 85

Original

Lucas Indiel
35260290

Motor

Lucas
35258790

Aplicação / Application / Aplicación

General Motors
Corsa com motor de partida Lucas.

Renault
Clio.
Clio c/ partida Lucas Indiel.
R19.

0946



T9 | - | CW

Fam. 124

Original

Isuzu
5811240030

Lester
16739 - 17303 - 17381

Nippondenso
0283001841

Motor

Isuzu
TY6615 - 2912559140 - 451229
455657 - 455674 - 5811000860
5811001660 - 5811001830
8941233870 - 8941337583
8941492490 - 8941702050
8944489590

Nippondenso
0280000960 - 0280005060
0280006440 - 0280007000
0280007001 - 0280007790
0280007791 - 0280009300
1280000020 - 1280000830
1280000831 - 1280000832
1280000960 - 1280001100
1280001110 - 1280002880
1280002881 - 1280004660
1280004661 - 1280008700
2280001890

Remy
94123387

Aplicação / Application / Aplicación

Isuzu
Diesel Trooper 2.2.
Isuzu KBD 27, 41, 47.

Jeep
Renegade.

0947



T9 | - | CW

Fam. 124

Original

Honda
312046576171

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

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

Aplicação / Application / Aplicación

Daihatsu
Rocky F80.

JCB
Excavator.

Toyota
2S, 2Y, 3Y.
Camry.
Carina.
Celica.
Corolla.
Dyna.
Hilux.
MR 2.
RJ 7.
Tercel.

17125 - 17143 - 17171 - 17240
17251 - 17256 - 17345 - 17420
17422 - 17481 - 17487 - 17521
17530 - 17537 - 18181 - 18182

Nippondenso

0283001600 - 028300-1601
028300-1602 - 028300-1603
028300-1790 - 028300-1791
028300-1800 - 028300-2000
028300-2110 - 028300-2111
028300-2270 - 028300-3630
028300-3631 - 028300-4160
028300-6940

Toyota

2801120540 - 2801126041
2801126042 - 2801135030
2810110710

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
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

0948

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL18 | CW

Fam. 41

Lester

17353 - 17618 - 17624 - 17625
17633 - 18272

Nippondenso

028300-7530

Nippondenso

128000533 - 128000597
128000723 - 228000136
228000138 - 228000139
228000140

Case

EHC.

John Deere (SLC)

0950

T9 | SPL5 | CCW

Fam. 34

Original**Nippondenso**
0283005720**Motor****Nippondenso**
1280003540 - 1280009360**Aplicação / Application / Aplicación****0951**

T8 | SPL5 | CCW

Fam. 34

Original**Nippondenso**
0283005800
Suzuki
3132051A10**Motor****Aplicação / Application / Aplicación****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 / Application / Aplicación****Fiat**
1100 TN (217 N).
Campagnola D.
Campagnolo diesel 1100TN (217N),
615N, 615N1, 616, 332, 352.
Fiat Iveco
615N, 615N1, 616, 332, 352.

0954T10 | - | CW
Fam. 124**Original****Toyota**
2801154380**Motor****Nippondenso**
2280002120 - 2810054380**Aplicação / Application / Aplicación****Toyota**
3L
Toyota Hilux 2.8.**0957**T20 | - | CW
Fam. 134**Original****Mazda**
859924740
Mitsubishi
ME700121 - M357T71671
M357T76171
Nissan-Datsun
23314T9000**Motor****Mazda**
S21118400 - V10118400B
Mitsubishi
ME007517 - ME008815 - ME017034
ME017035 - ME017056 - ME017061
M2T54372 - M2T54571 - M2T54572
M2T56071 - M2T57871 - M2T60072
M2T64372 - M2T64373 - M2T66371
M2T66872 - M2T67871 - M2T67872
M2T67873 - M2T78271 - M3T56471
M3T57371**Aplicação / Application / Aplicación****Mazda**
Mitsubishi
Nissan-Datsun
Yale**0958**T11 | SPL6 | CW
Fam. 34**Original****Remy**
10492409**Motor****Remy**
24506694 - 9000836 - 9000841
9000854 - 9000857 - 9000858
9000871 - 9000872 - 9000873
9000879 - 9000880 - 9000882
9000884**Aplicação / Application / Aplicación****Buick**
General Motors
Blazer 4.3 V6 c/ partida Delco Remy.
Hyster
H50xm.
Isuzu
Nissan-Datsun
Pontiac

0959



T18 | SPL6 | -

Fam. 116

Original

Visteon
STRC019

Motor

Ford
F81U11000AC

Aplicação / Application / Aplicación

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.

0960



T10 | SPL9 | CCW

Fam. 99

Original

Lucas
TNB176 - 54292179

Motor

Lucas
26607E/J - 26692

Aplicação / Application / Aplicación

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 / Application / Aplicación

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

Bosch1006209560 - 1006209569
1006209908

Motor

Bosch0001110013 - 0001110019
0001110043 - 0001110044
0001110051 - 0001110064
0001110065 - 0001110088
0001110104 - 0001110105

Aplicação / Application / Aplicación

FordCourier 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

ValeoNE949 - 100327 - 187336
187863 - 187996 - 188251
270327 - 594287

Motor

ValeoD7E1 - D7E16 - D7E23 - D7E24
D7E33 - D7E34 - D7E37 - D7E43
D7E5

Aplicação / Application / Aplicación

FordCourier 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

28300-6040

Motor

Nippondenso128000492 - 128000606
128000608 - 228000003
228000005

Aplicação / Application / Aplicación

0969

T9 | SPL10 | CW

Fam. 38

Original

Magneti-Marelli
85540881 - 85541030

Motor

Magneti-Marelli
63111000 - 63223435
63223639

Aplicação / Application / Aplicación

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 / Application / Aplicación

Case
Backhoe Excavator 1088.
Equipment Series Tractors 5100
1987-92.
Retroescavadeira com 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 / Application / Aplicación

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 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

Motor

Ford
95FB11000BC - 95FB11000BD
95FB11000BG
Magneti-Marelli
63223538 - 63293538

Aplicação / Application / Aplicación

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

Motor

Bosch
0001106011 - 0001106014
0001106015 - 0001107047
0001107063 - 0001107077
0001107091 - 0001107098
0001108171 - 0001108176
0001108184 - 0001112041
0001112044 - 0001115006
0001116003

Aplicação / Application / Aplicación

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 16 V, 1.6 16 V Weekend.
Strada 2003.
Ulysse 1.8, 1.9 TD, 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.

CONTINUA / TO BE CONTINUED / CONTINUACIÓN

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**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL3 | CCW

Fam. 20

Lester

3277 - 3366 - 4235 - 4236
 4270 - 4271 - 6736 - 6738

Remy

1937554 - 1974655

Remy

1109359 - 1109360

Mercury Marine**TCM Equipment Ag**

Mercury Cruiser Marine.

0978**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL10 | CW

Fam. 117

Lucas

35259027 - 35260310

Lucas Indiel

224078 - 35260810

Lucas

35258540 - 35258710

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**Original**

Lucas
35259037 - 35260590

Motor

Lucas
35258690

Aplicação / Application / Aplicación

Peugeot
504, 505 c/ motor diesel XD2 (XD2 Engine).

0985**Original**

Remy
10457362 - 10457368
10503933

Motor

Remy
10479626 - 10479650
10479654

Aplicação / Application / Aplicación

Mercedes Benz
Caminhão/Ônibus c/ motor OM904, OM906, OM924, OM926, eletrônicos c/ partida Delco Remy 28MT (09/17 ton.)
TCM Equipment Ag
Série 28MT 12/24V (MB - OM 904, 906, 924, 926 09 a 17 ton.)

0989**Original**

Bosch
F000AL1052 - F000AL1152
F000AL1707

Motor

Bosch
F000AL0306

Aplicação / Application / Aplicación

Volkswagen
Kombi 1998.

0990

T10 | SPL9 | CW

Fam. 117

Original

Lucas
35260625
Lucas Indiel
224090

Motor

Lucas
35258760 - 35258850
Lucas Indiel
35261250

Aplicação / Application / Aplicación

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
35259033 - 35260500
Lucas Indiel
224091

Motor

Lucas
35258580 - 35258910

Aplicação / Application / Aplicación

Agrale
Micro Ônibus Volare (Marcopolo)
c/ motor MWM407 TCA (a partir de
10/98).

General Motors
Pick-up Silverado c/ motor MWM a
diesel.

MWM
Motor 6CL Sprint (GM Silverado) c/
partida Lucas.

0997

T9 | SPL10 | CW

Fam. 94

Original

Bosch
1006209634
Lucas Indiel
224097

Motor

Bosch
0001108157 - 0001108169

Aplicação / Application / Aplicación

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.

0998



T9 | SPL10 | CW
Fam. 94

Original

Bosch

F000AL1200 - F000AL1250
F000AL1695 - 1006209607
1006209675

Fiat

9947838

Lucas Indiel

224098

Motor

Bosch

F000AL102 - 0001107030
0001107066 - 0001107078
0001107079 - 0001108181

Fiat

46468696

Aplicação / Application / Aplicación

Fiat

Barchetta.
Brava 1.8 HGT.
Bravo 1.8, 2.0.
Coupe 1.8.
Marea Turbo.
Marea Weekend 1.8 MPI 16V.
Marea Weekend 20 MPI 20V Turbo.
Marea 1.8, 2.0, 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.

0999



T8 | SPL6 | CW
Fam. 47

Original

Lucas Indiel

224099

Magneti-Marelli

85541280

Motor

Magneti-Marelli

63103007 - 63103008

Aplicação / Application / Aplicación

Fiat

Palio.
Palio 1.6.
Palio Weekend.
Siena.
Siena 16V 1.6.
Strada.

Piaggio

Porter 1.0.

1001



T11 | SPL10 | CCW
Fam. 15

Original

Bosch

2006209486

Motor

Bosch

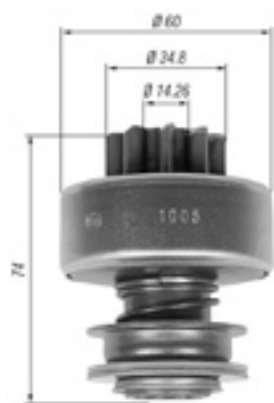
0001366026

Aplicação / Application / Aplicación

BMW

D35 (1.4), D50 (2.1) de 11/79 a 07/87.

1002	Original	Motor	Aplicação / Application / Aplicación
 T11 SPL10 CW Fam. 15	Bosch 2006209461	Bosch 0001368077	KHD BF4L1011(2.7), F2L1011(1.4), F3L1011(2.0), F4L1011(2.7), todos de 06/89.
1003	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL10 CCW Fam. 15	Bosch 2006209433	Bosch 0001362085	
1004	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL10 CCW Fam. 15	Bosch 2006209429 - 2006209490	Bosch 0001362104	Ferrari 94. Goldoni 518, 719, 919, 921. Lamborghini Diablo 5.7. Lombardini 4LD 640, 705, 820L 10, 14, LDA96, 97, 100, 820LDAM 96.

1005**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL10 | CCW
Fam. 15

Bosch
2006209488

Bosch
0001362094 - 0001366005
0001366006 - 0001366013
9000143204

Agria
4900.
Carraro
Super Tigre 625.

1011**Original****Motor****Aplicação / Application / Aplicación**

T8 | SPL10 | CCW
Fam. 101

Bosch
1006209932

Nissan-Datsun
Micra.

1013**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL19 | CW
Fam. 51

TCM Equipment Ag
37 MT Series DD Starters.

1016	Original	Motor	Aplicação / Application / Aplicación
 T8 SPL10 CCW Fam. 118	Hitachi 2114-45016 Nissan-Datsun 23312-31U00		
1017	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL10 CCW Fam. 118	Hitachi 2114-45100 Nissan-Datsun 23312-31U01		
1018	Original	Motor	Aplicação / Application / Aplicación
 T8 SPL8 CCW Fam. 114	Mitsubishi M191T16971 - M191X16771 M191X16971 Nissan-Datsun 23312-AA050	Mitsubishi MOT80285 - M1T77181	Subaru Impreza 1.8. Subaru.

1019**Original****Motor****Aplicação / Application / Aplicación**

T30 | SPL8 | CW

Fam. 114

Ford
F4XY-11350B
Motorcraft
SDE-354
Nissan-Datsun
23354-0B710

1020**Original****Motor****Aplicação / Application / Aplicación**

T8 | SPL10 | CW

Fam. 117

Hitachi
2114-15016
Nissan-Datsun
23312-50Y01

Nissan-Datsun
Sentra.
200 SX.

1021**Original****Motor****Aplicação / Application / Aplicación**

T8 | SPL10 | CW

Fam. 117

Nissan-Datsun
23312-1E400

1022



T9 | SPL16 | CW
Fam. 94

Original

Bosch
6033AD0270 - 6033AD0414
6033AD1110

Motor

Bosch
0001223010 - 0001223013

Aplicação / Application / Aplicación

Agrale
Micro Ônibus Volare (Marcopolo)
c/ motor MWM 407TCA (a partir de 10/98).
Fiat
Ducato.
Ford
F250 c/ motor MWM.
General Motors
Silverado c/ motor MWM.
MWM
Motor 6.07TCA (Ford F250 a partir de 03/99) c/ partida 0.001.003.010.

1023



T11 | SPL9 | CW
Fam. 85

Original

Valeo
NE834 - 185915 - 594185

Motor

Valeo
D7R13 - D7R16 - D7R18 - D7R25
D7R5 - D7R8 - D7R9

Aplicação / Application / Aplicación

JPX
Jeep c/ partida Valeo.
Jeep JPX.
Mercedes Benz
Sprinter.
Peugeot
405 diesel.
Renault
Clio D.
Express D.
R19 D.
R21 D.
Renault.
Volvo
440TD.
460TD.

1024



T10 | SPL8 | CW
Fam. 112

Original

Mitsubishi
M191T15071 - M191X68071

Motor

Mitsubishi
M2T80582 - M2T84071

Aplicação / Application / Aplicación

Mitsubishi
Van L-300.
Caminhonete L-200.
4D56.

1025

T9 | SPL10 | CW
Fam. 130

Original

Fiat
9948135
Magneti-Marelli
83226569 - 85541700

Motor

Fiat
131955508
Magneti-Marelli
63114014

Aplicação / Application / Aplicación

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.

1026

T10 | SPL10 | CW
Fam. 82

Original

Bosch
6033AD0091

Motor

Bosch
0001223500

Aplicação / Application / Aplicación

Ford
F350 c/ motor Cummins.
Mitsubishi
Caminhões leves.
Pick-ups.
Vans.

1027

T10 | SPL10 | CW
Fam. 82

Original

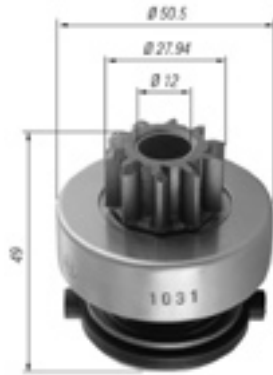
Bosch
6033AD0284 - 9033AD0284

Motor

Bosch
0001223505 - 0001223555

Aplicação / Application / Aplicación

Ford
F250 c/ motor Cummins.
F4000.
F4000 c/ motor Cummins.

1030	Original	Motor	Aplicação / Application / Aplicación
 T11 SPL10 CW Fam. 94	Bosch 1006209646	Bosch 0001109026	Agria 3800G. Citroën XM 2.1 diesel. XM 2.1 Turbo diesel. Farymann G10, 20. Yanmar Micro trator.
1031	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL10 CW Fam. 94	Bosch 1006209635 - 1006209678	Bosch 0001108183 - 0001109036 0001115008	Mercedes Benz Classe A160 CDI, 170 CDI. E250 D Turbo (210) BG, GR, H, I, IS, HR, P, SLO, TR, E250 DT (210) i, E259 D Turbo (210). Vario 812 D. Vito 108 D, 110 D.
1033	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL10 CW Fam. 94	Bosch 1006209645	Bosch 0001109025 - 0001109030 0001109033 - 0001109035 Fiat 46473784	Alfa Romeo 156 1.9 JTD. BMW 324 TD Touring. 325 TD, 325 TDS, 325 TDS Touring. 525 TD, 525 TD Touring, 525 TDS, 525 TDS Touring. 725 TDS. Fiat Brava/o 1.9 TD-JTD. Marea 1.9 TD-JTD. Multipla 1.9 JTD. Opel Omega 2.5 TD. Omega 2.5 XTD. Frontera 2.5 TD.

1035

T12 | SPL8 | CW
Fam. 112

Original

Mitsubishi
M191X68471

Motor**Aplicação / Application / Aplicación**

Mitsubishi
L200, L300.

1036

T23 | - | CCW
Fam. 126

Original**Motor****Aplicação / Application / Aplicación**

Tigershark
3008093 - 3008327 - 3008536

Artic Car
Jetski TigerShark 640, 770, 900, 1000,
1100.
Tigershark
Jet Ski.

1037

T10 | SPL10 | CW
Fam. 94

Original

Bosch
F005M10053 - 1006209631

Motor

Bosch
0001108183 - 0001109036
0001110112 - 0001115001

Aplicação / Application / Aplicación

Citroën
Mercedes Benz
260.
Ssangyong

1038



T9 | SPL10 | CW

Fam. 82

Original

Bosch

6033AD0462 - 6033AD3006
6033AD3108 - 6033AD3850
6033AD4034 - 6033AD4148
9002336236

KHD

01319755 - 01319806

Mercedes Benz

0011511813 - 0011513213

Motor

Bosch

0001230001 - 0001230006
0001230007 - 0001231002
0001231003 - 0001231005

Aplicação / Application / Aplicación

Mercedes Benz

Atego 1998 -
Citaro 1998 -
Econic 1998 -
L1218.
L1418.
L1618M.
L1622.
L2423.
1215C.
712C.
817-1517 (1996 -).
914 ano 2000.
915.

New Holland

Trator/Tractor.

1043



T18 | - | CW

Fam. 134

Original

Citroën

95562677

Mitsubishi

MD607540 - MM502531
M357T70171 - M357T70771
M357T707971

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 / Application / Aplicación

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

Original

Motor

Aplicação / Application / Aplicación



T20 | - | CW

Fam. 134

Mitsubishi
M357X72672

Mitsubishi
M2T55271 - M2T56471
M2T65271 - 232415

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.

1047

Original

Motor

Aplicação / Application / Aplicación



T20 | - | CW

Fam. 134

Mitsubishi
M357T75571 - 75571

Mitsubishi
MD069166 - MD070934 - MD084414
MD164975 - MD164976 - M2T56181
M2T56182 - M2T56185 - M2T56271
M2T57771 - M2T74171

Mitsubishi
L200 1997.
Pajero 2.3 TD, 2.5 TD.

1048

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL6 | CW

Fam. 132

Daewoo
3120A78B00

Daewoo
31100A78B00

Daewoo
Tico.

1054

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL8 | CCW

Fam. 47

Mitsubishi
MB30118X45Kia
Pride.

1056

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL12 | CW

Fam. 26

Iskra
16900089Iskra
11130029 - 11130102 - 11130162
11130166 - 11130217 - 11130218
11130219 - 11130234 - 11130266Autobianchi
Citroën
Fiat
Lancia
Opel
Peugeot
Renault
Seat
Talbot
Vauxhall
Volvo
Zastava

1057

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW

Fam. 94

Bosch
1006209642Bosch
0001109014

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.

1058**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL10 | CW
 Fam. 94

Bosch
 1006209671

Bosch
 0001108180 - 0001108182
 0001108186

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**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL10 | CW
 Fam. 29

Iskra
 AZJ3213 - 11130124 - 11130322

Aifo
Fiat Allis
Fiat Iveco
New Holland
Valmet
 Trator c/ partida Iskra.
Zastava

1060	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL10 CW Fam. 29	Iskra 16900151	Iskra 11130373	IHC Landini Massey Ferguson Perkins Renault Agri Ursus Valmet Valtra.
1062	Original	Motor	Aplicação / Application / Aplicación
 T8 SPL9 CW Fam. 99	Nissan-Datsun 2331293J00	Lucas 26813 - 26834 - 26841 Magneti-Marelli 63226834 - 63226845 63226846 Nissan-Datsun 2330070J10 - 2330070J11 2330070J12	Nissan-Datsun Primera Berlina 2.0 P10.
1063	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL8 CW Fam. 112	Mitsubishi 93971	Mitsubishi M002T87771	Agrale Microônibus Volare. General Motors S10 diesel c/ motor MWM. Troller T4 c/ motor MWM a partir de 2000.

1064**Original**

General Motors
93297293
Valeo
SS260300

Motor

General Motors
93260358
Valeo
D7E10 - D7E11 - D7E19

Aplicação / Application / Aplicación

General Motors
Celta 1.0.
Renault
Clio 1.6 16V.
Scenic 2.0 16V 2003.

1065**Original**

Bosch
1006209542 - 1006209550

Motor

Bosch
0001107058 - 0001108050
0001109028 - 0001110018

Aplicação / Application / Aplicación

Agrale
Goldoni
Lamborghini
Mosa
Ruggerini

1067**Original**

Bosch
1006209581

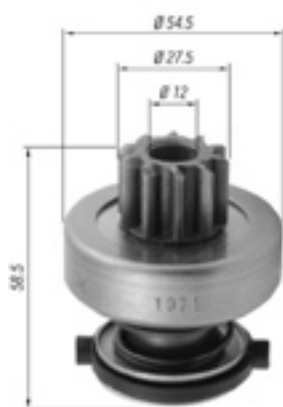
Motor

Bosch
0001110066 - 0001110067

Aplicação / Application / Aplicación

Audi
80 1.6L D/TD, 1.9LTD/TDI.
Audi 1.9L diesel (Europe)
See: 120-238a, B (Later Versions)
See: 120-238c (Earlier Version)
See: 108-295 (Valeo Version).

1068	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL9 CCW Fam.98			Lada
1069	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL16 CCW Fam. 133	Bosch F000AL1100 - 1006209680	Bosch 0001121008 - 0001121009 0001121016 - 0001121018	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	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL10 CW Fam. 100	Bosch 9002336219	Bosch 9000331201 - 9000331203	Nissan-Datsun Oldsmobile

1071**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL10 | CW

Fam. 94

Bosch
9002336223**Bosch**
0001218162 - 0001218165**Mercedes Benz**
Steyr Puch
Still**1072****Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL10 | CW

Fam. 100

Bosch
9002336224 - 9002336287**Bosch**
0001218157 - 9000331414**Citroën**
Jumper 2.5 D, TD.
Fiat
Ducato 2.5 TD.
Peugeot
Boxer 2.5 TD.
605 TD.**1073****Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL10 | CW

Fam. 27

Iskra
16901658**Iskra**
11130254 - 11130407
11130409 - 11130412
11130484 - 11130491**Lamborghini**
Same

1074

T10 | SPL9 | CW

Fam. 85

Original**Valeo**NE831 - 185290
188256 - 594136**Motor****Valeo**D7R1 - D7R11 - D7R15
D7R2 - D7R24 - D7R3
D7R33 - D7R4**Aplicação / Application / Aplicación****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 / Application / Aplicación****Bautz****Carraro****Eicher****Fendt****Lamborghini****Lombardini****Mercedes Benz****1081**

T12 | - | CW

Fam. 122

Original**Visteon**

1C3U11350AB

Motor**Visteon**1C3U11000AA - 1C3U11000AB
1C3U11000AC - 1C3U11000AD
1C3U11000AE - 1C3Z11002AA
2C2411000AA**Aplicação / Application / Aplicación****Ford**

Heavy Duty F250, F350 Series.

LT Trucks E-Series Vans 7.3L - diesel.

LT Trucks Excursion 7.2L - diesel.

1082**Original****Motor****Aplicação / Application / Aplicación**

T12 | SPL6 | CW

Fam. 132

Ford

F350 Heavy Duty modelos 98 em diante.

F450 Heavy Duty modelos 98 em diante.

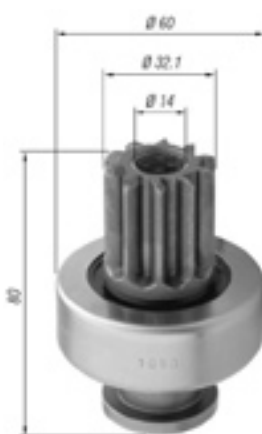
1088**Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL12 | CCW

Fam. 127

Iskra

16900035

1090**Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL10 | CW

Fam. 46

Lucas

35259873 - 35260967

Lucas

35259580 - 35259620

35259630 - 35259660

Lucas Indiel

35259640 - 35259900

John Deere (SLC)

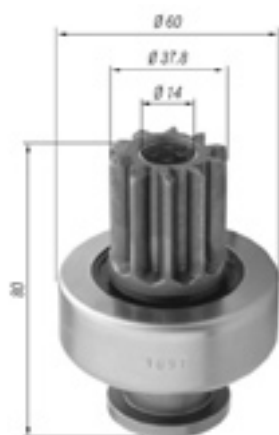
Trator 5600.

Volkswagen

Caminhão VW13180, MWM.

Caminhão 17210 com partida Lucas.

1091



T10 | SPL10 | CW
Fam. 46

Original

Lucas Indiel
35261302

Motor

Lucas Indiel
35259430
Volkswagen
2T0911335

Aplicação / Application / Aplicación

Volkswagen
Caminhões e Ônibus VW 13190, 15190
e 17210 com motor MWM.

1092



T10 | SPL6 | CW
Fam. 46

Original

Lucas
2W0911335
Lucas Indiel
35261303
Prestolite
35261303

Motor

Lucas Indiel
35259440
Prestolite
35259440 - 35259770

Aplicação / Application / Aplicación

Volkswagen
Caminhões e Ônibus c/ motor MWM.
Ônibus 16210 com motor MWM.
Ônibus 17210 com motor MWM.
Ônibus 17220 com motor MWM.
Volvo
VM17, VM23, ambos com motor
MWM.

1097



T10 | - | CW
Fam. 124

Original

Thermo King
2801167030

Motor

Thermo King
2810067050

Aplicação / Application / Aplicación

Toyota
Hilux 3.0 SW 4.

1098

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL16 | CW

Fam. 46

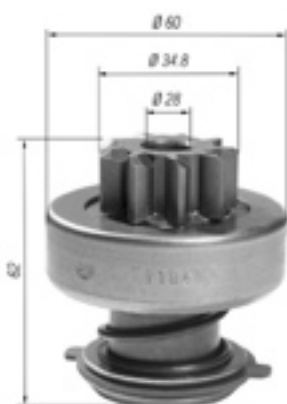
Hino
Caminhões FB/FF basculante.

1104

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 13

Magneti-Marelli
74896851 - 85540141

Magneti-Marelli
63222001 - 63222031
63222039 - 63222136

Fiat
Croma D, DT.
Lancia
Thema D, DT.

1107

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW

Fam. 94

Bosch
1006209669

Bosch
0001109034
Toyota
281000B020

Toyota
Avenis 2.0 TD.

1108



T9 | SPL16 | CCW

Fam. 133

Original

BoschF000AL1086 - 1006209657
1006209757 - 1007010105

Motor

Bosch0001121006 - 0001121007
0001121010 - 0001121011

Aplicação / Application / Aplicación

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

Motor

Bosch0001109015 - 0001109052
0001109062

Aplicação / Application / Aplicación

Opel

Astra.

Frontera.

Saad 9.3.

Vauxhall.

Vectra.

Zafira 2.0 DTL 16V.

1111



T9 | - | CW

Fam. 54

Original

Bosch

2006382060

Motor

Bosch0001510020 - 0001510025
0001510031 - 0001510032
0001510037 - 0001510038

Aplicação / Application / Aplicación

Kaeble**Mercedes Benz****MWM**

1112

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL12 | CW

Fam. 43

Remy
10484659

Remy
10479651 - 10479652

TCM Equipment Ag
Motores 28MT 24V.

1113

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 47

Magneti-Marelli
85541270

Magneti-Marelli
63111007 - 63111010

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

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 13

Fiat
9941371
Magneti-Marelli
74896591 - 85540431
85540451

Magneti-Marelli
63222000 - 63222004
63222030 - 63222034
63222038 - 63222130
63222134 - 63222135
63222138

Alfa Romeo

Fiat

Ducato TD.

Lancia

1133

T9 | SPL9 | CW
Fam. 129

Original

Lucas Indiel
220270

Motor

Lucas
35258740

Aplicação / Application / Aplicación

Volkswagen
Gol.
Senda Saveiro.

1134

T10 | SPL9 | CW
Fam. 117

Original

Lucas
220210

Motor

Lucas Indiel
M74R - 35258400 - 35258420
35258460 - 35258720 - 35258840

Aplicação / Application / Aplicación

Fiat
Duna.
Renault
19.

1152

T9 | SPL5 | CW
Fam. 34

Original

Valeo
187428

Motor

Valeo
D7E2

Aplicação / Application / Aplicación

Citroën
AX.
BX.
Peugeot
106.
205.
309.
405.
Renault
Clio II.

1153

T9 | SPL10 | CW
Fam. 100

Original

Bosch
1006209704

Motor

Bosch
0001116001

Aplicação / Application / Aplicación

Renault
Clio I / II.
Kangoo.
Twingo 1.2L.

1155

T9 | SPL10 | CW
Fam. 94

Original

Bosch
1006209656

Motor

Bosch
F000AL0108 - 0001109031

Aplicação / Application / Aplicación

Lombardini
3, 4 cyl diesel 1989-ON.
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 / Application / Aplicación

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

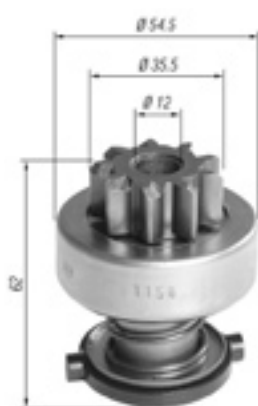
Motor

Bosch
0001230007 - 0001230009
0001230010 - 0001231010
0001231011

Aplicação / Application / Aplicación

Fiat Iveco
Eurocargo.
New Holland
Trator.
Trator TL 75E.

1158



T9 | SPL16 | CW
Fam. 94

Original

Bosch
6033AD0077 - 6033AD1002

Motor

Bosch
0001223003 - 0001223007

Aplicação / Application / Aplicación

Fiat Iveco
Daily II.
Renault
V.I. Mascott.

1159



T10 | SPL10 | CW
Fam. 94

Original

Bosch
6033AD0184 - 6033AD0200

Motor

Bosch
0001230004 - 0001230008
0001231009 - 0001231012

Aplicação / Application / Aplicación

Fiat Iveco
Fiat Ducato.
Renault
Trucks 1983-2002 See: 120-6057, A, B
(360, 368 Series Versions).
V.I. Midliner.

1160**Original****Motor****Aplicação / Application / Aplicación**

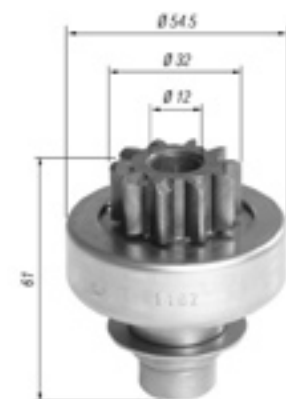
T12 | SPL10 | CW

Fam. 94

Bosch
6033AD0129**Bosch**
0001231004**Volvo**
FM 1998.**1161****Original****Motor****Aplicação / Application / Aplicación**

T11 | SPL6 | CW

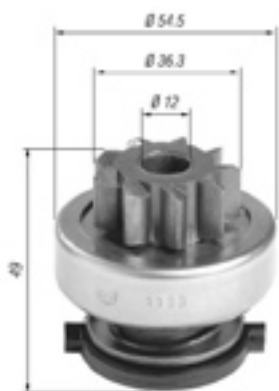
Fam. 91

Magneti-Marelli
72336117**Peugeot**
J9D (Karsan).**1162****Original****Motor****Aplicação / Application / Aplicación**

T10 | SPL9 | CW

Fam. 85

Valeo
NE885 - 186321 - 594251**Valeo**
D9R142 - ND161**Renault**
Laguna D RN, RT, RXE.

1168

T9 | SPL10 | CW
Fam. 94

Original

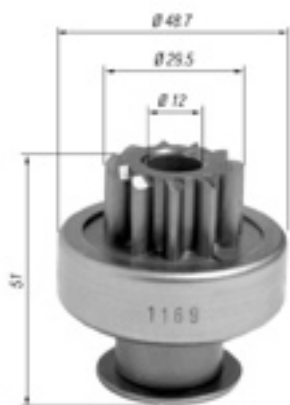
Bosch
F000AL1709 - 1006209778

Motor

Bosch
F000AL0105 - F000AL0107

Aplicação / Application / Aplicación

General Motors
Blazer diesel.
Nissan-Datsun
Frontier.
Frontier c/ motor MWM.

1169

T11 | SPL10 | CW
Fam. 47

Original

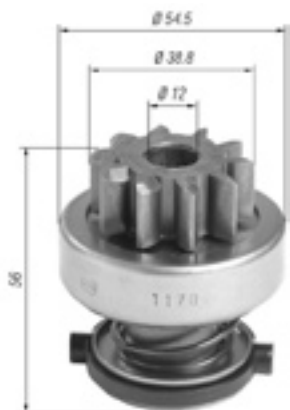
Magneti-Marelli
85541250 - 85541690

Motor

Magneti-Marelli
63111008 - 63111027
63112003

Aplicação / Application / Aplicación

Alfa Romeo
Fiat
Brava.
Marea.
Multipla.
Lancia

1170

T10 | SPL10 | CW
Fam. 94

Original

Bosch
9002336225

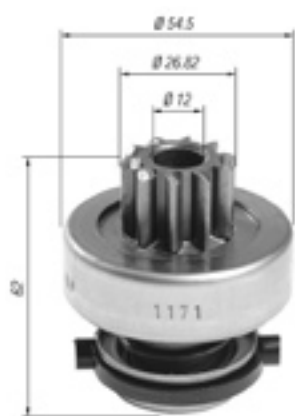
Motor

Bosch
0001218166

Aplicação / Application / Aplicación

Toyota
Camry 1991-96.
Carina 1992-96.
Corolla 1993-95 diesel.

1171



T10 | SPL10 | CW

Fam. 100

Original

Bosch
9002336200 - 9002336205

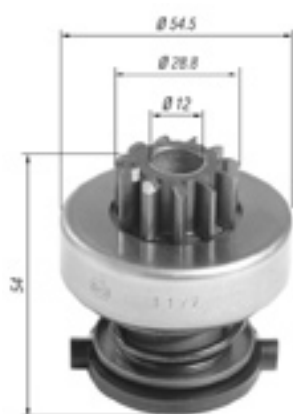
Motor

Bosch
0001218105 - 0001218128

Aplicação / Application / Aplicación

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.

1172



T11 | SPL10 | CW

Fam. 94

Original

Bosch
9003336286

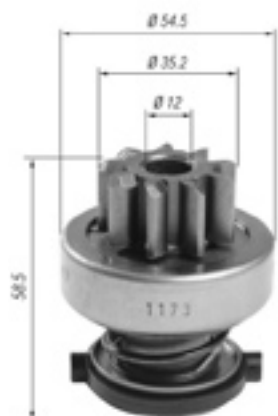
Motor

Bosch
9000331411

Aplicação / Application / Aplicación

Renault
Renault Express, Extra, Rapid 1.6L DSL
1986-97.

1173



T9 | SPL10 | CW

Fam. 94

Original

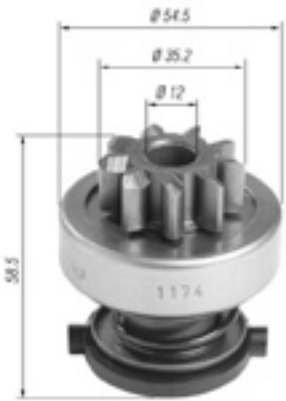
Bosch
9003336290

Motor

Bosch
9000331421 - 9000331424
9000331428

Aplicação / Application / Aplicación

Nissan-Datsun
Nissan Trade 2.0L DSL 1984-98.
Vanette 2.0L DSL 1984-98.

1174	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL10 CW Fam. 94	Bosch 900331430 - 900336274	Bosch 9000331406	Nissan-Datsun Ebro. Nissan Trucks 1985-2000. Van.
1175	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL6 CW Fam. 17	Volga 4211.3708.600 - 42163708-01	Volga 4216.3708-01 - 62.3708	Volga Volga with 402 Engine.
1176	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL6 CW Fam. 17	Volga 4211.3708.600-08 - 42163708-07	Volga 4216.3708-07 - 6012.3708-000	Volga Volga with 406 Engine.

1177



T9 | SPL16 | CW
Fam. 101

Original

Bosch
F000AL1306 - F000AL1694

Motor

Bosch
F000AL0400

Aplicação / Application / Aplicación

Volkswagen
Gol GIII 1.6.
Parati GIII 1.6.
Saveiro GIII 1.6.

1178



T10 | SPL10 | CW
Fam. 94

Original

Bosch
6033AD0306

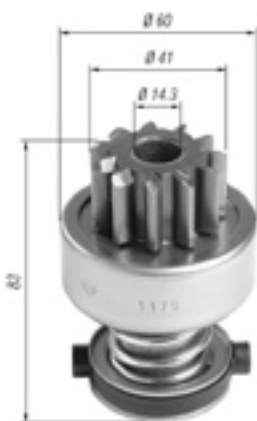
Motor

Bosch
0001231008
Man
51262017158

Aplicação / Application / Aplicación

Man
L2000, Evolution, M2000, Evolution,
M2000L.
Trucks 1990-2002.

1179



T11 | SPL10 | CW
Fam. 94

Original

Bosch
6033AD0304 - 6033AD0467

Motor

Bosch
0001231014

Aplicação / Application / Aplicación

Volvo
FL180, 220, 250.

1180

T10 | SPL10 | CW

Fam. 15

Original**Bosch**
2006209501**Motor****Bosch**
0001363106 - 0001363120**Aplicação / Application / Aplicación****Mercedes Benz**
Still Forklifts.
Unimong U650.**1181**

T11 | - | CW

Fam. 54

Original**Bosch**
2006382174 - 2006383160**Motor****Bosch**
0001410067 - 0001410068
0001410116 - 0001415020**Aplicação / Application / Aplicación****DAF**
F2800, F3200.**1184**

T9 | SPL3 | CW

Fam. 20

Original**Motor****Aplicação / Application / Aplicación**

1187

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL9 | CW

Fam. 87

Paris-Rhone
99931

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.
345.

1188

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL12 | CW

Fam. 83

Lester
16109 - 16283

Lucas
TNB137 - 54244686 - 54245201
54245341 - 54246005 - 54247077
54247181

Lucas
25165ADM35 - 25264AF5M90
25274ADM35 - 25329AM35
25348A5M90

Austin
1800, Allegro, Maxi, Metro.

Bedford
CA 1.8, 2.3, CF 1.6 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, Ventora,
Victor.

1189

Original

Motor

Aplicação / Application / Aplicación



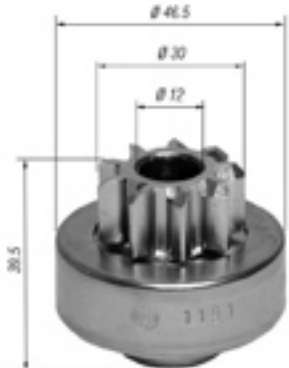
T9 | SPL3 | CW

Fam. 17

Bosch
1987BE0036

Lester
6317 - 6339 - 6413

Remy
D2032 - 1984511

1190	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL19 CW Fam. 51	Bosch 9001453670 Facet 480217 - 480324 Lester 4899 Remy 1846089 - 830622 Wapsa 224056	Bosch 0001370001 - 9000453029 9000453066	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	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL6 CCW Fam. 108			
1192	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL12 CW Fam. 115	Bosch 1987BE0018 Ford E90Z11350A - F0TZ11002A F07U11000AA - F2TU11000AA F5DZ11350A - SD337 Lucas TMB350	Ford E9SF11000AA - E9SF11000BA E9SZ11002A - E9SZ11002B E90F11000BA - E90Y11002A E90Y11002B - FOCF11000BA FOCU11000BA - FOFZ11002A FOTZ11002A - FOTZ11002B F02F11000AA - F07U11000AA F07U11000BA - F00U11000AA F00Y11002A - 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	Ford Bronco 4.9L 92. Bronco 5.0L 92-96. Bronco 5.8L 92-96. F Series Pick-up 5.0 lts (92-98). F Series 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.

1193	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL12 CW Fam. 115	Ford FOFZ11350A - SD-340 Lester 3214	Ford FOCF-11000AA - FOCU-11000AA SA779	Ford Escort.

- 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.
Cougar XR-7 1996 V6 3.8 gas.

1194

T10 | SPL12 | CW

Fam. 29

Original**Lester**
6583**Remy**
10456455 - 10457056 - 10457579**Motor****Remy**10479604 - 10479614 - 10479615
10479617 - 10479618 - 10479634
1113269 - 1113270 - 1113292
1113295 - 1113296**Aplicação / Application / Aplicación****Bobcat**

Bobcat.

Cummins

Cummins.

Cummins c/ partida Delco Remy 28MT.

FordFord 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 AgGM, Silverado Sierra c/ motor Cummins.
John Deere, Bobcat.**1195**

T10 | 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 / Application / Aplicación****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).**Müeller**

Müeller.

New Holland

New Holland.

Perkins

Tratores, Industriais, Estacionários.

TCM Equipment AgSérie 28MT 12/24V (Deutz, Massey
Ferguson, Bobcat).**1196**

T12 | SPL12 | CW

Fam. 29

Original**Lester**

6571 - 6575 - 6586

Remy

10457058 - 10457168

Motor**Remy**10479606 - 10479613
1113273 - 1113279
1113280**Aplicação / Application / Aplicación****Bobcat**

Melroe Bobcat.

Clark

Clark.

Hyster

Empilhadeira Hyster.

New Holland

New Holland.

Perkins

Tratores, Industriais, Estacionários.

1197



T9 | SPL12 | CW

Fam. 29

Original

Lester
6579 - 6599

Remy
10457059

Motor

Aplicação / Application / Aplicación

Deutz
Allis.

Mercedes Benz
Caminhão 712 electronic.

1198



T9 | SPL12 | CW

Fam. 29

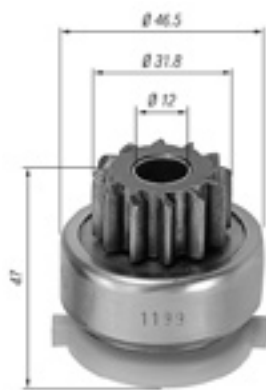
Original

Remy
10457060

Motor

Aplicação / Application / Aplicación

1199



T12 | SPL12 | CW

Fam. 115

Original

Ford
F2VY11350A - SD-341

Lester
3221 - 3267

Motor

Ford
F2VY11002A - F3LU11000AA
F3LY11002A - SA789 - SA822

Aplicação / Application / Aplicación

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.

CONTINUA / TO BE CONTINUED / CONTINUACIÓN

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 / Application / Aplicación**

Isuzu
 Isuzu.
Nissan-Datsun
 Primera 2.0.
 Stanza.
Volvo
 240 D, 740 TD.

1201

- | - | CW

Fam. 124

Original

Nippondenso
 283000010

Motor**Aplicação / Application / Aplicación**

Chrysler
 Fifty Avenue.
 Lebaron.

1204

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL19 | CW

Fam. 51

1205

Original

Motor

Aplicação / Application / Aplicación



T12 | SPL19 | CW

Fam. 51

Facet

10641

Lester

6630 - 6633 - 6634 - 6662

6664 - 6666

Remy

10472565

Caterpillar

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

Caminhões 1938 c/ partida Delco.

TCM Equipment Ag

Empilhadeira Hyster c/ motor Cummins.

1206

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL6 | CW

Fam. 38

Fiat

9941306

Magneti-Marelli

85540411

Magneti-Marelli

63222831 - 63222832

63222833 - 63222836

63222837 - 63222838

63222897 - 63223001

63223031 - 63223032

63223033 - 63223034

Fiat

Tipo 1.4, 1.6.

Lancia

Dedra 1.6 i.e.

1207

- | - | CCW

Fam. 122

Original

Hitachi
211425509
Nissan-Datsun
2335416E01

Motor

Hitachi
5114440 - 5114475A
5114486 - 51384B - 51389
Nissan-Datsun
2330036A00

Aplicação / Application / Aplicación

Nissan-Datsun
NX1600.
NX2000.
Pulsar 1.6.
Sentra 1.6.

1208

T10 | SPL12 | CW

Fam. 115

Original

Ford
F3RZ11350A - F5RU11350RA
SD-353 - XS6411350AA
53R211350A

Motor

Ford
F3RZ11002A - F3RZ11002B
93BB11000HB - 93BB11000JB
96BB11000AA - 97BB11000BB
97BB11000BC

Aplicação / Application / Aplicación

Ford
Contour.
Cougar 2.0.
Courier 1.6 2001.
Escort 1.6, 1.8.
Escort c/ partida Visteon.
Focus 1.8, 2.0.
Mercury Mystique 2.0L 4 cil. 95-96.
Mondeo 1.6, 1.8, 2.0, 1.8 D.
Mondeo CLX 97.

1209

T10 | SPL5 | CW

Fam. 86

Original

Valeo
NE877 - 186798 - 187961
187981 - 594177 - 594252

Motor

Valeo
D6RA133 - D6RA56 - D6RA62
D6RA63 - D6RA82

Aplicação / Application / Aplicación

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.

Opel

Astra 1.4, 1.6 16V, 2.0, 2.0 16V.
Combo 1.2, 1.4.
Corsa 1.2, 1.4, 1.6 16V.
Tigra 1.4, 1.6 16V.
Vectra 1.6 16V, 2.0 GLS MPFi,
2.0 GSi 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

Aplicação / Application / Aplicación

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
028301-0020

Motor

Nippondenso
128000739 - 128000831
128000840 - 128000971
228000083

Aplicação / Application / Aplicación

1212



- | - | CCW
Fam. 121

Original

Lester
17273 - 17549 - 17574
Nippondenso
028301-0060

Motor

Nippondenso
228000022 - 228000180

Aplicação / Application / Aplicación

1213	Original	Motor	Aplicação / Application / Aplicación
 $\varnothing 53.8$ $\varnothing 52.8$ - - CCW Fam. 121	Lester 17242	Nippondenso 128000832	
1214	Original	Motor	Aplicação / Application / Aplicación
 $\varnothing 27.36$ $\varnothing 12$ $\varnothing 14$ 1214 T16 SPL19 CW Fam. 55	Prestolite M029095036		
1215	Original	Motor	Aplicação / Application / Aplicación
 $\varnothing 53.8$ $\varnothing 52.8$ - - CCW Fam. 124		Nippondenso 0280007373 - 0280008760 0280008762 - 1280000362 1280007353 - 1280008142 1280008152 - 1280009592 2280000400 - 2280000640 2280001300 Toyota 2810054100 - 2810054170	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 / Application / Aplicación

Willys

Linha Willys c/ partida Autolite.

1217



Original

Facet

10682

Ford

F87U-11350-AC

Motor

Ford

F87U11000DD

Aplicação / Application / Aplicación

Ford

F1000, todos diesel.
Ranger, todos diesel.

1218



Original

Motor

Nippondenso

2280006240

Aplicação / Application / Aplicación

Sea Doo

Sea Doo - série 800 (modelos novos).
Yumbo 3944, 3945, 3960, 3961, 3964,
3965, 3980.
1246, 1246A, 125B, 321, 3654, 431,
531, 644, 644A, 744, 744A, 844, 844A,
844S, 844SA, H30B, H50B, H60B, TD8B.

1222



T10 | SPL16 | CCW

Fam. 101

Original

BoschF000AL1446 - F000AL1682
9001081446

Motor

Bosch

F000AL0401

Aplicação / Application / Aplicación

VolkswagenGol 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.

1223



T9 | SPL16 | CW

Fam. 94

Original

BoschF000AL1186 - F000AL1681
1006209762

Motor

Bosch

F000AL0502

Aplicação / Application / Aplicación

VolkswagenParati 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

FordE90Z11350A - 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

FordE9SF11000AA - E9SF11000BA
E9SZ11002A - E9SZ11002B
E90F11000BA - E90Y11002A
E90Y11002B - F0CF11000BA
F0CU11000BA - F0FZ11002A
F0TZ11002A - F0TZ11002B
F02F11000AA - F07U11000AA
F07U11000BA - F00U11000AA
F00Y11002A - F0011002A
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 / Application / Aplicación

FordBronco 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.



T9 | SPL12 | CW
Fam. 115

1225

Original

Ford
FOFZ11350A - SD340

Motor

Ford
FOCF11000AA - FOCU11000AA
SA779

Aplicação / Application / Aplicación

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.
Cougar XR-7 1996 V6 3.8 gas.

Valmet

Trator/Tractor.

1226



T12 | SPL12 | CW

Fam. 115

Original

Ford
F2VY11350A - SD341

Motor

Ford
F2VY11002A - F3LU11000AA
F3LY11002A - SA789 - SA822

Aplicação / Application / Aplicación

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



T9 | SPL6 | CW

Fam. 38

Original

Fiat
9941300
Magneti-Marelli
74893901 - 85540381

Motor

Magneti-Marelli
63101003 - 63221800
63221890 - 63221892

Aplicação / Application / Aplicación

Autobianchi
Y10 Fire, Y10 AWD.

Fiat
Panda 750.
Tipo 1.1 Fire.
Uno 45 Fire.

Lancia

1228



T10 | SPL12 | CW

Fam. 115

Original

Ford
F3RZ11350A - F5RU11350RA
Lester
3261 - 3262 - 3263

Motor

Ford
F3RZ11002B

Aplicação / Application / Aplicación

Ford
Escort TD.
Mondeo 1.6, 1.8, 2.0, 4x4.

1302



T9 | SPL9 | CCW

Fam. 18

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 / Application / Aplicación

Renault
R4, R4, F4, R5, R6.
Talbot
900, 1000.

1333



T9 | SPL6 | CW

Fam. 38

Original

Fiat
9940577
Magneti-Marelli
74896531 - 85540081

Motor

Magneti-Marelli
63221830 - 63221832

Aplicação / Application / Aplicación

Seat
Ibiza.
Malaga.
Ronda.

1351

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL3 | CW
Fam. 20

1359

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL6 | CW
Fam. 20

Bosch

9001453333 - 9001453334
9001453338

General Motors

07328970

Volkswagen

BC4N11350A - 04128642

Wapsa

224004 - 224038 - 224043
2244 - 2244036

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

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 | SPL6 | CW

Fam. 20

Original

Bosch

9001453336

Volkswagen

BD5T11350A - T11911335A

Wapsa

224026

Motor

Bosch

9000453012 - 9000453027

9000453033 - 9000453062

Wapsa

MPB30 - MPB42

MPB68 - MPB9

Aplicação / Application / Aplicación

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.

1364



T9 | 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 / Application / Aplicación

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, 0364, 0371U Ônibus c/ motor M366G.

Ônibus L0812, 0364, 0365, 0366, 0371U.

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).

Poclain

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.

1372

T10 | SPL10 | CW

Fam. 14

Original**Bosch**

9001083674 - 9002453078
9002453079

Motor**Bosch**

9000083077

Aplicação / Application / Aplicación**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

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CCW

Fam. 94

Bosch
1006209650Bosch
0001109029

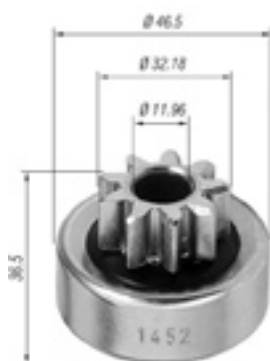
Hatz
Lombardini
Ruggerini
 RD180, 181, 200.
 RF80, 81, 88, 90, 91, 96, 99, 120, 121,
 130, 140, 148.

1452

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL6 | CCW

Fam. 108

United Technologies
 10153340 - 10153440
 6743040 - 6767540
 6873740 - 7005840

Mercury Marine
 25 HP Engines.
 30, 60 HP 4-Stroke.
 9.9, 15HP 4-Stroke 99.

1453

Original

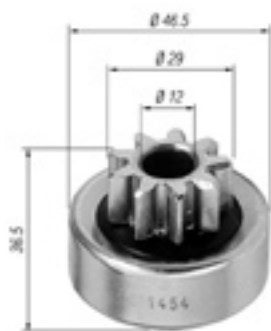
Motor

Aplicação / Application / Aplicación



Fam. 108

1454



T9 | SPL6 | CCW
Fam. 108

Original

Motor

Aplicação / Application / Aplicación

Mercury Marine
50834749 - 50859171T
United Technologies
10153540 - 6743240

Mercury Marine
50 HP 4-Stroke.

1455



T10 | SPL6 | CCW
Fam. 108

Original

Motor

Aplicação / Application / Aplicación

Johnson Electric
10394020

Marine Electric
Jet Ski.

1458



T11 | SPL10 | CW
Fam. 85

Original

Motor

Aplicação / Application / Aplicación

Valeo
059427 - 059527
187528 - 594279

Valeo
D7R19 - D7R26
D7R27 - D7R28

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 / Application / Aplicación****Nissan-Datsun**
Sentra 94.**1468**

T9 | SPL16 | CCW

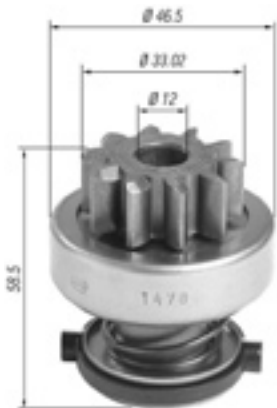
Fam. 101

Original**Bosch**
F000AL1901**Motor****Aplicação / Application / Aplicación****Volkswagen**
Fox.**1469**

T10 | SPL10 | CW

Fam. 94

Original**Bosch**
F000AL1209 - F000AL1688**Motor****Bosch**
F000AL0101 - F000AL0104**Aplicação / Application / Aplicación****Mercedes Benz**
Classe A, A190 a partir de 06/1999.

1470	Original	Motor	Aplicação / Application / Aplicación
 Technical drawing of Bosch part 1470, a circular component with a central gear. Dimensions: outer diameter 46.5, inner diameter 33.02, central hole 12, height 58.5. Markings: T10 SPL10 CW, Fam. 100.	Bosch F000AL1024 - 9008047011	Bosch 6004AA3009	Chrysler Dodge RAM.
1471	Original	Motor	Aplicação / Application / Aplicación
 Technical drawing of Bosch part 1471, a circular component with a central gear. Dimensions: outer diameter 46.5, inner diameter 25.8, central hole 12, height 53.5. Markings: T9 SPL10 CW, Fam. 100.	Bosch F000AL1067 - F000AL1096	Bosch F000AL0302	Mercedes Benz Classe A, A100 a partir de 05/1999.
1472	Original	Motor	Aplicação / Application / Aplicación
 Technical drawing of Bosch part 1472, a circular component with a central gear. Dimensions: outer diameter 54.5, inner diameter 35.8, central hole 12, height 62. Markings: T11 SPL16 CW, Fam. 94.	Bosch 6033AD0061	Bosch 0001223002	KHD Motors Engines BF4L1011 (2.7L, 2732cc) 2003. Motors Engines F2L1011 (1.4, 1366cc) 2004.

1473

Original

Motor

Aplicação / Application / Aplicación



Fam. 120

Nippondenso
015861N - 112309T26 - 1383240

Hyster
Lift TK 4.3L.
XL80.

1474

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 94

Bosch
1006209605 - 1006209606
1006209928

Bosch
0001108137 - 0001108144
0001108156 - 0001109040
0001110090 - 0001110120

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

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL9 | CW

Fam. 99

Lucas
TMB173
Lucas Indiel
54291022
Magneti-Marelli
85541381

Lucas Indiel
2680B - 2680D
Magneti-Marelli
63226801

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

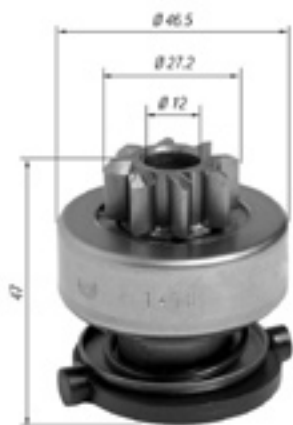
Fiat
9946913
Magneti-Marelli
85540681

Motor

Magneti-Marelli
63220035 - 6322224

Aplicação / Application / Aplicación

BMW
Lancia
Opel

1478

T8 | SPL10 | CW

Fam. 94

Original

Bosch
6004AH5018

Motor**Aplicação / Application / Aplicación**

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 / Application / Aplicación

Volkswagen
VW LT28 SDI, LT35 SDI, LT46 SDI.

1482**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL6 | CW
Fam. 34

Remy
10500475

Ford
EcoSport 2.0.
TCM Equipment Ag
EcoSport.

1483**Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL15 | CW
Fam. 94

Bosch
6003AD1062

Fiat Iveco
Iveco BF4L1011 (2.7L, 2732cc) 1996.
Iveco BF4L1011 (2.7L, 2732cc) 1997.
Iveco BF4L1011 (2.7L, 2732cc) 1998.
Iveco BF4L1011 (2.7L, 2732cc) 1999.
Iveco BF4L1011 (2.7L, 2732cc) 2000.
Iveco BF4L1011 (2.7L, 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 / Application / Aplicación

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.

1485



T10 | SPL16 | CW
Fam. 94

Original

Bosch
1006209661
Mercedes Benz
0011512113

Motor

Bosch
0001108197 - 0001115005

Aplicação / Application / Aplicación

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.

1486



T9 | SPL10 | CW
Fam. 84

Original

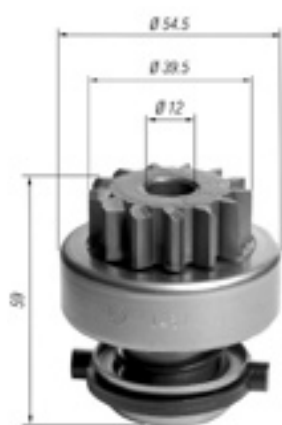
Bosch
D001965593 - 1006209592
1006209941

Motor

Bosch
0001107085 - 0001110071
0001110072

Aplicação / Application / Aplicación

BMW
Séries 5, 7, 8, X5.

1487**Original****Motor****Aplicação / Application / Aplicación**

T13 | SPL10 | CW

Fam. 100

Bosch
1006209622**Bosch**
0001110110**BMW**
318 TDS.**1496****Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL12 | CCW

Fam. 47

Magneti-Marelli
85541100**Magneti-Marelli**
63220104 - 63223103**Land Rover**
100, 200, 25, 400, 45, Cabriolet, Coupe.**1501****Original****Motor****Aplicação / Application / Aplicación**

T9 | SPL12 | CW

Fam. 39

Lucas
26253076**Matador**

1502	Original	Motor	Aplicação / Application / Aplicación
 T11 SPL12 CW Fam. 40	Lucas 26253081		Escort Tractor
1503	Original	Motor	Aplicação / Application / Aplicación
 T8 SPL12 CCW Fam. 47	Lucas 26258003		Mahindra Champion. MUL 800CC MPFI.
1504	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL12 CW Fam. 47	Lucas 26256545		Tata Indica diesel.

1505

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

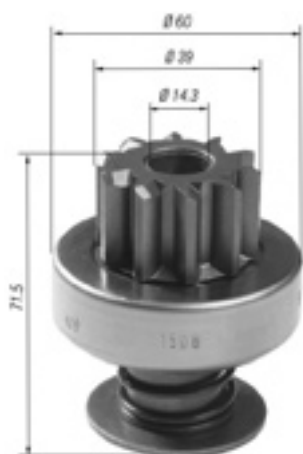
Fam. 35

1506

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL 10 | CW

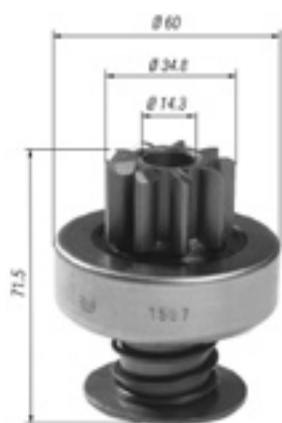
Fam. 35

1507

Original

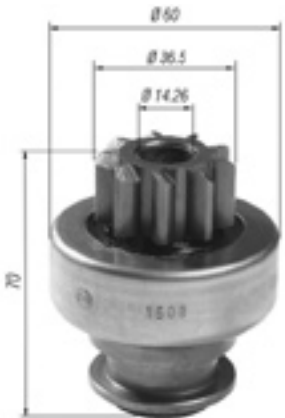
Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 35

1508	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL12 CW Fam. 39	Lucas 26253074		Peugeot Jeep.
1509	Original	Motor	Aplicação / Application / Aplicación
 T8 SPL12 CW Fam. 47	Lucas 26256287		Alto VXI. Esttem MPF. Santro Vagan
1510	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL12 CW Fam. 39	Lucas 26253341		CNG Buses.

1513	Original	Motor	Aplicação / Application / Aplicación
 T8 SPL12 CW Fam. 47			
1515	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL12 CW Fam. 39	Lucas 26253078		AMB Eicher Ford Inter
1518	Original	Motor	Aplicação / Application / Aplicación
 T9 SPL12 CW Fam. 33			

1520

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL12 | CCW

Fam. 47

1521

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL19 | CW

Fam. 51

1523

Original

Motor

Aplicação / Application / Aplicación



T12 | SPL6 | CW

Fam. 46

Prestolite
35260875Prestolite
35259450 - 35259460 - 35259793

Ford
Ford Cargo 1217, 1417, 1421 Cummins.

Volkswagen
Caminhões com partida Prestolite.
Titan.
Trucks.

1526

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL12 | CCW

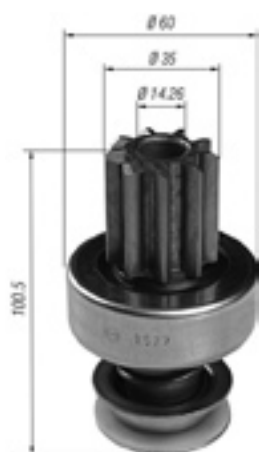
Fam. 33

1527

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 15

1528

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW

Fam. 15

1529

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL12 | CCW

Fam. 50

1530

Original

Motor

Aplicação / Application / Aplicación



T8 | SPL12 | CCW

Fam. 47

1533

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 89

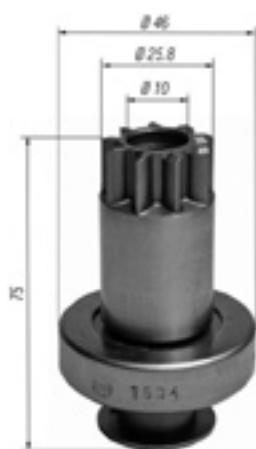
Valeo
494833Ford
Courier.
EcoSport.
Fiesta.
Focus.
Ka.

1534

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CCW

Fam. 109

Cargo
236896
Valeo
494831

Valeo
D7E56

Volkswagen
Fox.
Polo.
Lupo.
Golf 1.6.

1538

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL8 | CW

Fam. 110

Mitsubishi
19071

Chrysler

Jeep Liberty 2.4L e 3.7L, a partir de 2001.

Mitsubishi

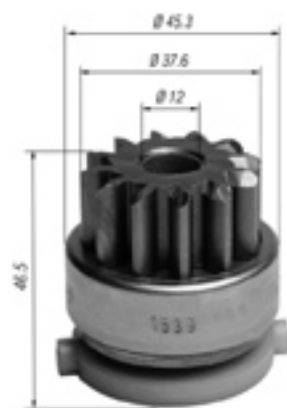
Mitsubishi - M1T86781ZC - 2.4L (2002).
Mitsubishi - M1T86883ZC - 3.7L (2002).
Mitsubishi - M1T86782ZC - 2.4L (2003).
Mitsubishi - M1T86884ZC - 3.7L (2003).
Mitsubishi - M0T91981ZC - 2.4L (2004/05).
Mitsubishi - M0T92081ZC - 3.7L (2004).

1539

Original

Motor

Aplicação / Application / Aplicación



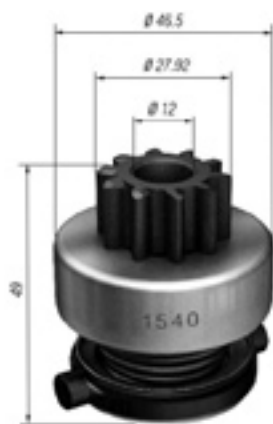
T12 | SPL12 | CCW

Fam. 115

Ford
YC1U11000AB

Ford

Ford Transit 2.4.
Mondeo.

1540

T10 | SPL10 | CW

Fam. 94

Original**Bosch**
F000AL1938-741**Motor****Bosch**
F005M00016**Aplicação / Application / Aplicación****1545**

T8 | SPL10 | CW

Fam. 74

Original**Bosch**
1006209794**Motor****Bosch**
0001107415 - 0001107431
0001107432 - 6004AA0003
6004AA0008 - 6004AA0027**Aplicação / Application / Aplicación****Chrysler**
Dodge Neon.**1547**

T11 | SPL10 | CW

Fam. 94

Original**Bosch**
F000AL1432 - F000AL1690**Motor****Bosch**
F000AL0106
Toyota
248100D100 - 281000D100**Aplicação / Application / Aplicación****Toyota**
Novo Corolla 1.8i 16V a partir de
02/1999.

1548

Original

Motor

Aplicação / Application / Aplicación



T9 | - | CW

Fam. 125

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

Acura
EL 1.7L 2001-2005.

Honda
Civic 1.7L 2001-2005.

1550

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 94

Bosch
6033AD0070

Bosch
6033AD0J00

Agrale
Volare.
Troller
T4.

1551	Original	Motor	Aplicação / Application / Aplicación
 TB SPL16 CCW Fam. 133	Bosch F002620036 MICO		APE Piaggio.
1556	Original	Motor	Aplicação / Application / Aplicación
 T11 SPL10 CW Fam. 117	Hitachi S114808		Hitachi Opel Corsa. Opel Opel Corsa.
1557	Original	Motor	Aplicação / Application / Aplicación
 T13 SPL10 CW Fam. 117	Hitachi S114829		Opel Astra G1.7L TD 1998.

1561



T9 | SPL10 | CW
Fam. 47

Original

Magneti-Marelli
9948333

Motor

Magneti-Marelli
63111016

Aplicação / Application / Aplicación

Fiat
Brava 1.6 16V.
Marea.
Palio Weekend 1.6 16V.
Palio 1.6 16V.
Siena 1.6 16V.
Strada 1.6 16V.

1562



T9 | SPL10 | CW
Fam. 94

Original

Bosch
F000AL1281 - 1006209821

Motor

Bosch
F000AL0111

Aplicação / Application / Aplicación

Toyota
Hilux.

1563



T20 | SPL5 | CW
Fam. 128

Original

Mitsuba
M191X68785
Mitsubishi
M191T68771

Motor

Aplicação / Application / Aplicación

Mitsubishi
Nativa.
Pajero.

1566

Original

Motor

Aplicação / Application / Aplicación



T10 | - | CW

Fam. 124

1573

Original

Motor

Aplicação / Application / Aplicación



T12 | SPL19 | CW

Fam. 51

1576

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL16 | CW

Fam. 74

Bosch
1006209812Bosch
0001108400

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

Original

Motor

Aplicação / Application / Aplicación



T19 | - | CW

Fam. 134

Cargo
231269

Hyundai
H100.
Mighty Truck 2.5 ton.

1585

Original

Motor

Aplicação / Application / Aplicación



T11 | SPL6 | CW

Fam. 115

Ford
1LST11000AA

Ford
3S4T11000AB - 3S4T11000AC
3S4Z11002AB

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 Series Pick-ups 2.3L 2001-2006.
Tribute 2.3L 2005-2006.

Mercury
Mariner 2.3L (140) L4 2005-2006.

Renault
Renault.

1588

Original

Motor

Aplicação / Application / Aplicación

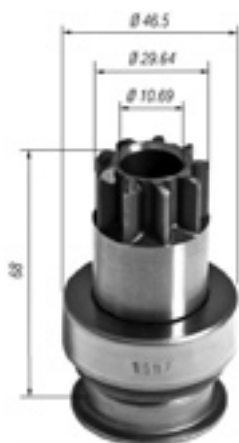


T9 | SPL12 | CCW

Fam. 26

Iskra
16 900 068

Renault
Renault.



T9 | SPL8 | CW

Fam. 111

Mitsubishi
M191T12971

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 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

Motor

Aplicação / Application / Aplicación



T11 | SPL10 | CW

Fam. 15

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

1595

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL6 | CW

Fam. 46

Lucas Indiel

35260832

Lucas Indiel

35259260 - 35259520

35259830 - 35259840

35260830 - 35260840

Caterpillar

Blue Bird USA Cat 3126 7.2

International

Navistar DT 444E - V8 7.3

John Deere (SLC)

Colheitadeira/Combine/Cosechadora

1550/608 1H 6Cil.

Trator/Tractor 4045 4cil. 4.5 Gradall

7820/608 1H 6Cil.

1596

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 46

Lucas Indiel

35261299

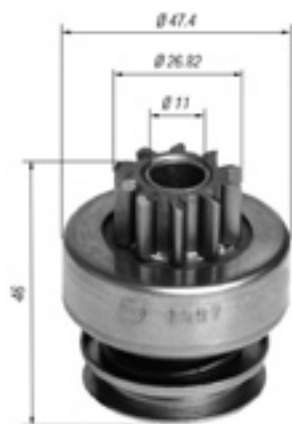
Lucas Indiel

35259750 - 35261355

Agrale

MWM

1597



T10 | SPL16 | CW

Fam. 74

Original

Bosch
1006209804 - 256U11000CA

Motor

Bosch
0001107407 - 0001107410
0001107417 - 0001107418

Aplicação / Application / Aplicación

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
11131249

Aplicação / Application / Aplicación

Valmet
Valtra.

1601



T11 | - | CW

Fam. 124

Original

Motor

Mando
K71F18400

Aplicação / Application / Aplicación

Kia
Besta 2.5, 2.7.

1602



T10 | SPL10 | CW

Fam. 46

Original

Lucas Indiel
229916 - 35259916

Motor

Lucas Indiel
35259310 - 35261175

Aplicação / Application / Aplicación

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 / Application / Aplicación

Cummins
C 6ct 8.3.
C 6cta 8.3.

Volkswagen
VW Titan com motor Cummins C.

Zanella
Trator/Tractor 500, 540, 580, 690.

1604



T10 | SPL6 | CW

Fam. 46

Original

Lucas Indiel
35260958

Motor

Lucas Indiel
35259240 - 35261770
35262020

Aplicação / Application / Aplicación

Volkswagen
Ônibus com motor Cummins 6B
Eletrônico 5.9.

Zanella
Trator/Tractor 160 - PTRAC.
Trator/Tractor 180 - PTRAC.

1605	Original	Motor	Aplicação / Application / Aplicación
 T8 SPL6 CCW Fam. 34	Remy ESP - 281		Kia Pop Pride com arranque Remy Coréia.
1607	Original	Motor	Aplicação / Application / Aplicación
 T10 SPL9 CW Fam. 85	Valeo 3616042300		Hyundai H100. Mitsubishi Katana. L200 diesel.
1608	Original	Motor	Aplicação / Application / Aplicación
 T9 - CW Fam. 122	W.A.I 5481581		

1612

Original

Motor

Aplicação / Application / Aplicación

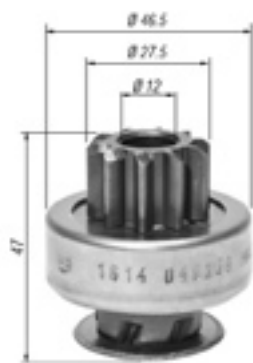
Ford
32051112**Ford**
Ranger 1.8.T11 | SPL12 | CW
Fam. 115

1614

Original

Motor

Aplicação / Application / Aplicación

Remy
10452918**Remy**
9000869**Ford**
Pick-up Lobo V6T10 | SPL6 | CW
Fam. 132

1615

Original

Motor

Aplicação / Application / Aplicación

T10 | SPL10 | CW
Fam. 35

1616

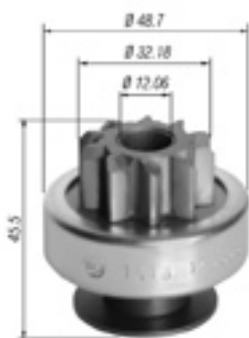
T108 | SPL10 | CW

Fam. 15

Original**Iskra**
16901694**Motor****Iskra**
AZJ3201 - AZJ3287
11130627 - 11130835**Aplicação / Application / Aplicación****New Holland**
Com motor de arranque Iskra.**1617**

T11 | SPL9 | CW

Fam. 117

Original**Lucas Indiel**
35261112**Motor****Lucas Indiel**
35261260 - 35261295
35261640**Aplicação / Application / Aplicación****Ford**
Ranger.
Ranger Duratec HE 2.3.**1618**

T10 | SPL10 | CW

Fam. 47

Original**Valeo**
191363**Motor****Valeo**
D7G11 - 8200225336**Aplicação / Application / Aplicación****Renault**
Master 2005 Eletronic.
DCi 120.

1619

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL16 | CW

Fam. 74

Bosch

1006209801 - 1006209807

Bosch

0001107401 - 0001107402

0001107403 - 0001107404

0001107405 - 0001107406

0001107408 - 0001107409

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, 14 190 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

Original

Motor

Aplicação / Application / Aplicación



TB | SPL6 | CCW

Fam. 34

Remy

10475540

Daewoo

Damas.

1621

Original

Motor

Aplicação / Application / Aplicación



T13 | SPL9 | CCW

Fam. 117

Lucas

35260975

Lucas Indiel

35260975

Prestolite

35260975

Lucas Indiel

35260890

Prestolite

35260890

Agrale

Trator/Tractor 4230 Industrial com motor CAT 3126 M790.

Trator/Tractor 4230 com motor CAT 3126 M790.

Trator/Tractor 4230.4 com motor CAT 3126 M790.

1622



T10 | SPL10 | CW

Fam. 46

Original

Lucas
229278 - 35259278

Lucas Indiel
229278 - 35259278

Prestolite
229278 - 35259278

Motor

Lucas Indiel
35260940 - 35260950
35261070

Prestolite
35260940 - 35260950
35261070

Aplicação / Application / Aplicación

International
Jacto com motor Perkins 1006/T.
Maxion S4.
Perkins 1006/T.
Retroescavadeira com motor Maxion S4.

1623



T10 | SPL10 | CW

Fam. 46

Original

Lucas
35260999

Lucas Indiel
35260999

Prestolite
35260999

Motor

Lucas Indiel
35259880 - 35261120
35261155 - 35262580

Prestolite
35259880 - 35261120
35261155

Aplicação / Application / Aplicación

Ford
Cargo com motor Cummins ISB e 6 cil.
F12000 com motor Cummins B
Eletrônico Aftercooler 5.9.
F14000 com motor Cummins B
Eletrônico Aftercooler 5.9.
F16000 com motor Cummins B
Eletrônico Aftercooler 5.9.

Volkswagen
Caminhão com 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 / Application / Aplicación

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).

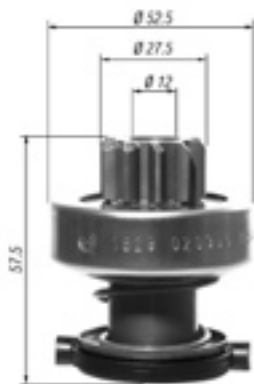
New Holland
Trator/Tractor.

1629

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL16 | CW

Fam. 94

Bosch
6033AD0218

Bosch
0001223005 - 0001223006
Mercedes Benz
0051512501

Mercedes Benz
E270, E320, ML270, S320 CDI.
Sprinter 216, 316, 416 CDI.
Sprinter 2.3 2000/2003.

1630

Original

Motor

Aplicação / Application / Aplicación



T9 | SPL10 | CW

Fam. 130

Fiat
9947748
Magneti Marelli
85541160

Fiat
46454895 - 46463250
Magneti Marelli
63114008 - 63114010
63222005

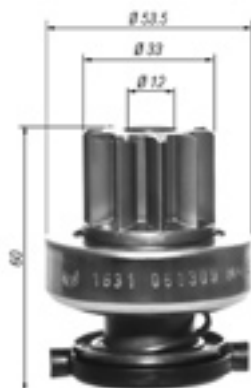
Alfa Romeo
Alfa Romeo 156, 166 2.4 TD.
BMW
BMW 325, 525, 725 2.5 TD.
Fiat
Brava 1.9 TD.
Bravo 1.9 TD.
Marea 1.9 e 2.4 TD.
Lancia
K 2.4 TD.
Opel
Omega 2.3 TD.

1631

Original

Motor

Aplicação / Application / Aplicación



T10 | SPL10 | CW

Fam. 94

Bosch
1006209666 - 1006209936

Bosch
0001109021 - 0001109022
0001109066 - 0001109067

Audi
A4, A6, A8 2.5 TDI.
Quattro.
Skoda
Super B 2.5 TDI.
Volkswagen
Passat 2.5 TDI.
Syncro - 4 Motion.

1632



Original

Bosch
1006209806

Motor

Aplicação / Application / Aplicación

1635



Original

Lucas Indiel
229023

Motor

Lucas Indiel
35258490 - 35259040
35259400

Aplicação / Application / Aplicación

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

Land Rover
Defender Motor Gemini III 4 cil. 2.5.
Discovery Motor Gemini III 4 cil. 2.5.

1636



Original

Lucas Indiel
229902

Motor

Lucas Indiel
35259570

Aplicação / Application / Aplicación

Agrale
Trator/Tractor 4100, 4100.4.

1637



T10 | SPL10 | CW

Fam. 46

Original

Lucas Indiel
229912

Prestolite
229912

Motor

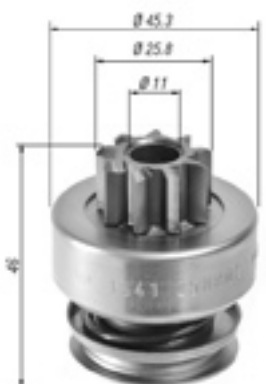
John Deere (SLC)
AJ59342 - AJ60123
RE509856 - RE509857

Lucas Indiel
35259390 - 35259590
35259600 - 35259690
35261345

Aplicação / Application / Aplicación

John Deere (SLC)
6605 e 7505 6 cil.

1641



T9 | SPL10 | CW

Fam. 74

Original

Bosch
1006209796

Motor

Bosch
0001107429 - 0001107437
0986021240

Aplicação / Application / Aplicación

Fiat
Motor 1.3 JTD 16V.

Lancia
Motor 1.3 JTD 16V.

Opel
Motor 1.3 JTD 16V.

1643



T9 | SPL16 | CW

Fam. 94

Original

Bosch
6033AD0004

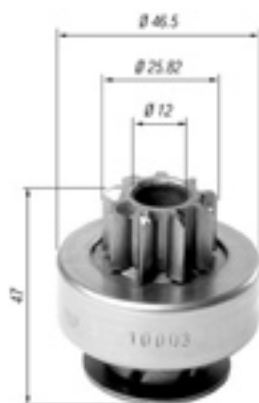
Motor

Bosch
0001223001 - 0986016950

Aplicação / Application / Aplicación

Citroën
Jumper.

Peugeot
Boxer motor 2.5 TDI 1994/2002.
406, 605, 607, 807.



T9 | SPL6 | CW

Fam. 132

Lester

6471 - 6491 - 6493 - 6494

Remy

10452348 - 10455504 - 10501804
 10504515 - 8000045 - 8000058
 89017523 - 9000856 - 9000868
 9000876 - 9000881 - 9000896
 9000901 - 9000933 - 9000939
 9000977

General Motors

93297652 - 93327502

Remy

9000890 - 9000893 - 9000944

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

Strada 1.8.

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
 128000721 - 1280007210

Aplicação / Application / Aplicación

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.

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

9260

T9 | L23.5 | G33 | SPL16

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 / Application / Aplicación

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 / Application / Aplicación

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 / Application / Aplicación****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 / Application / Aplicación****9349**

T10 | CW | L25.2 | G33 | SPL18

Original**Chrysler**

5233966

Lester

17084 - 17466 - 17485

Nippondenso0280996310 - 0283001811
0283006190**Motor****Nippondenso**0280005000 - 0280007730
1280004960 - 1280005270
1280005280 - 1280005670
1280006320 - 128005670**Aplicação / Application / Aplicación**

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 / Application / Aplicación**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 / Application / Aplicación**9403**

T9 | CW | L36 | G35.5 | SPL16

Original**Lester**

16651 - 17359

Nippondenso

0280993210

Motor**Nippondenso**

0280005000 - 0280007730

Aplicação / Application / Aplicación

9426



T11 | CW | L19 | G34.8 | SPL18

Original

Lester
17110 - 17244

Mitsubishi
M605X32471

Motor

Aplicação / Application / Aplicación

9459



T11 | CW | L40 | G34.40 | SPL16

Original

Lester
17362

Nippondenso
0280996200

Motor

Aplicação / Application / Aplicación

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 / Application / Aplicación

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 | G28.2 | SPL18

Original

Lester
17460 - 17465

Motor

Aplicação / Application / Aplicación

9495



T11 | CW | L17.5 | G34.8 | SPL18

Original

Motor

Aplicação / Application / Aplicación

9502



T13 | CCW | L24.5 | G40.80 | SPL18

Original

Lester
16893 - 16978

Motor

Aplicação / Application / Aplicación

9504

Original

Motor

Aplicação / Application / Aplicación



T9 | L25.2 | G29.64 | SPL18

Lester
17273

9506

Original

Motor

Aplicação / Application / Aplicación



T13 | CCW | L23.5 | G40.8 | SPL18

Lester
16893 - 17263 - 17534
Nippondenso
0283716490

9525

Original

Motor

Aplicação / Application / Aplicación



T8 | CCW | L94 | G28 | SPL10

9526

T9 | CW | L87 | G33 | SPL10

Original**Thermo King**
446676 - 446681**Motor****Thermo King**
451229 - 451263 - 451285**Aplicação / Application / Aplicación****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 / Application / Aplicación****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 / Application / Aplicación****Nissan-Datsun**
Primera 2.0.
Silvia 1.8.
Stanza 220SX, 310.

9542

Original

Motor

Aplicação / Application / Aplicación



T9 | L25.2 | G29.64 | SPL18

Nippondenso
228000022

Acura

9566

Original

Motor

Aplicação / Application / Aplicación



T9 | CW | L87 | G25.9 | SPL10

Lester
17138Hitachi
S1391Volvo
Diesel.

9597

Original

Motor

Aplicação / Application / Aplicación



T12 | CW | L17.7 | G37.20 | SPL20

Mitsubishi
M8t50071 - 50171Mitsubishi
Canter.

9632

T11 | CW | L23.5 | G33.8 | SPL18

Original**Lester**
17549 - 17574**Motor****Nippondenso**
228000180 - 228000340**Aplicação / Application / Aplicación****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 / Application / Aplicación

Volvo
240 Series 2.4L, 2383cc (D24) 1985.
740 Series 2.4L, 2383cc (D24T)
1985-1986.
760 Series 2.4L, 2383cc (D24, D24T)
1985.

9781

Original

Motor

Aplicação / Application / Aplicación



T10 | CW | L14.9 | G27.94 | SPL18

W.A.I.
542201

9791

Original

Motor

Aplicação / Application / Aplicación



T13 | CW | L18.2 | G51.1 | SPL20

Mitsubishi
M605X26971Mitsubishi
M2T54571 - M2T54572
M3T67771Jungheinrich
DFG30.Mazda
2200 Pick-up.Mitsubishi
Canter 2000.Nissan-Datsun
3300, 3500.Yale
Forklifts.

9823

Original

Motor

Aplicação / Application / Aplicación



T9 | CW | L14.9 | G30 | SPL18

Accurate
1073Ace
4-1073Lester
62505002SWS
11240001Ace
CM7228AES New
6652NArrowhead
SFD0055Beck Arnley
1876182Bosch Reman
SR7593XCargo
112609Dixie
S2100Ford
XW4U11000CG - XW4Z11002CG
1W4U11000CA - 5W4Z11002A
6W4Z11002AAJ & N
410-14053Motorcraft
SA882 - SA958Napa
44-9294RCP
ST-882Romaine
416652 - 6652NW.A.I.
22019FDWorldwide
28711 - 97143Ford
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 / Application / Aplicación****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 / Application / Aplicación****12609**

T11 | CW | L23.5 | G41.99 | SPL18

Original**Nippondenso**
0280995590 - 0280996011
0280996590 - 0280998590
Toyota
2801174011 - 2801174060**Motor****Aplicação / Application / Aplicación****Lexus**
Toyota

12619**Original****Motor****Aplicação / Application / Aplicación**

T13 | CCW | L17 | G40.8 | SPL20

Mazda

Mazda B2600 modelo 1996>2002.

Nissan-Datsun

Nissan Pathfinder modelo 1998>2002.

12620**Original****Motor****Aplicação / Application / Aplicación**

T9 | CW | L19 | G29.64 | SPL18

Mazda

Mazda B2600 modelo 1996>2002.

Nissan-Datsun

Nissan Pathfinder modelo 1998>2002.

12656**Original****Motor****Aplicação / Application / Aplicación**

T9 | CW | L18.2 | G35.5

12657

T11 | CW | L23 | G41 | SPL20

Original**Mitsubishi**
M605X64571**Motor****Aplicação / Application / Aplicación****Mitsubishi**
Mitsubishi Fuso.**12658**

T9 | CW | L17.7 | G35.5 | SPL20

Original**Mitsubishi**
M605X31971**Motor****Aplicação / Application / Aplicación****Mitsubishi**
Mitsubishi Canter.**12659**

T9 | CW | L17.7 | G35.5 | SPL20

Original**Mitsubishi**
M605X31971**Motor****Aplicação / Application / Aplicación****Mitsubishi**
Mitsubishi Canter.

12660

Original

Motor

Aplicação / Application / Aplicación



T10 | CW | L18.2 | G38.8 | SPL20

Mitsubishi
M605X36171**Mitsubishi**
Mitsubishi Canter.

Blank lined area for product information.



no ar

*in the air
en el aire*



na terra

*on the ground
en la tierra*



no mar

*at the sea
en el mar*



**em todo
lugar**

*everywhere
en todas
partes*



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