



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



2012/2013

Catálogo de Impulsores de Partida

*Catálogo de Impulsores de Arranque
Starter Drives Catalogue*



Missão: Gerar valor na transformação de metais.

Visão: 2009 → 2015 - Triplicar as vendas.

Negócio: Transformar metais em produtos confiáveis.

Misión: Generar valores en la transformación de las metas.

Visión: 2009 → 2015 - Triplicar las ventas.

Negocio: Transformar metas en productos confiables.

Mission: Generate Value In Metal Transformation.

Vision: 2009 → 2015 - Triple the sales.

Business: Transform metals in reliable products.

VALORES

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

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

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

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

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

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

História

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

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

Historia

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

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

History

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



VALORES

Integridad: Honestidad, transparencia y respeto dirigen nuestras acciones.

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

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

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

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

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

VALUES

Integrity: Honesty, transparency and respect guide our actions.

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

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

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

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

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



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

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

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

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

Pesquisa Rápida Pesquisa Rápida · Fast Search

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

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

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

· Busca pelo número ZEN.

· Búsqueda por el número ZEN.
· Search for ZEN part number.

· Busca pelo número original.

· Búsqueda por el número original.
· Search for original part number.

· Busca pelo número do motor de partida ou alternador.

· Búsqueda por el número de motor de arranque o alternador.
· Search for starter motor/alternator part number.



Pesquisa Avançada Pesquisa Avanzada · Advanced Search

· Busca utilizando palavras-chave.

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

· Busca por fabricante do equipamento.

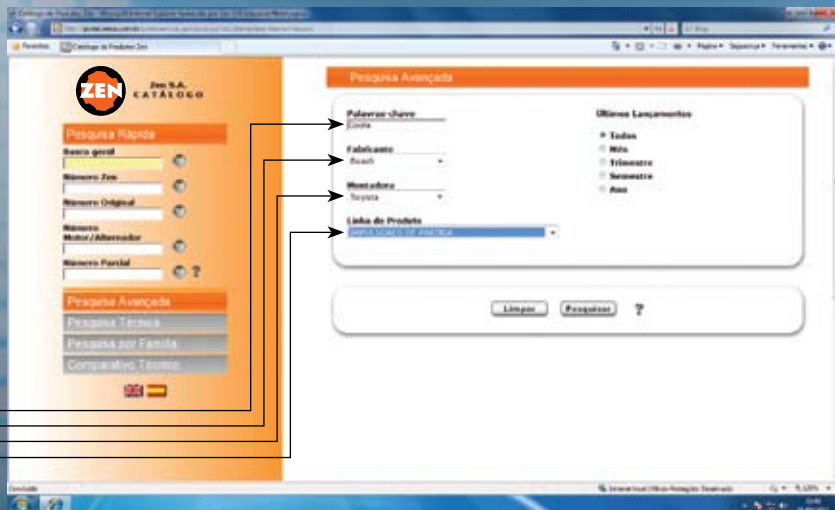
· Búsqueda por fabricante del equipo.
· Search by equipment manufacturer.
Ex./Ejem.: Bosch, Lucas, etc.

· Busca por montadora do veículo.

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

· Busca por linha de produtos ZEN.

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

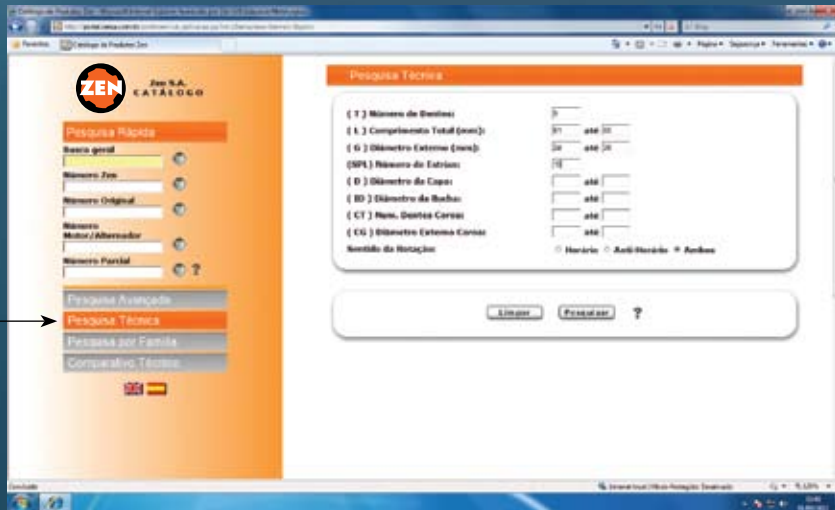


Pesquisa Técnica Pesquisa Técnica · Technical Research

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

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

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



Comparativo Técnico
Comparativo Técnico · Technical Comparative

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

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

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

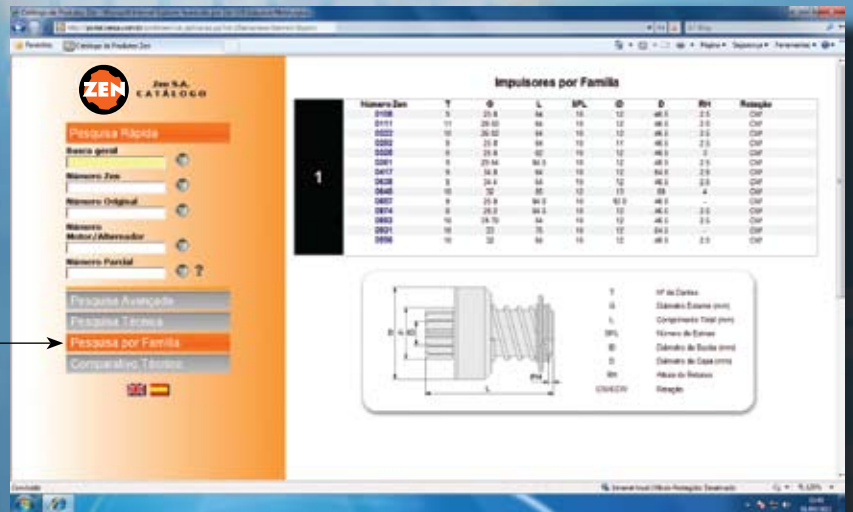


Pesquisa por Família
Pesquisa por Família · Search by Starter Drive Family

Neste modo a pesquisa acontece pelas famílias de impulsores.

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

This way the search happens by starter drives' family.



Busca Geral
Búsqueda General · General Search

Buscas de aplicações ou números originais diversos.

Búsquedas por el número original o aplicación.

Searches of several applications or original numbers.



Número Parcial
Número Parcial · Partial Number

Busca pelo número original incompleto.

Búsqueda por el número original incompleto.

Search by incomplete original number.



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Busca por Número ZEN

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

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Citroën	17	Leece-Neville	20	UTB	34
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Daewoo	17	Lucas	27	Valeo	34
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Daihatsu	17	Magneti-Marelli	30	Volga	35
Delco Reman	17	Magneton	30	Volkswagen	35
Dubois	17	Man	30	W.A.I.	35
Ducellier	17	Mazda	30	Wapsa	35
Facet	17	Mercedes Benz	30	Ww	35
Femsa	17	Mitsuba	30	Yamaha	35
Fiat	17	Mitsubishi	30		
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Ac Delco	N° ZEN	Autolite-Prestolite	N° ZEN	Bendix	N° ZEN	Bosch	N° ZEN
1986244	0755	P18301	0054	324565	0189	1006209161	0131
Accurate	N° ZEN	P1831	0054	324840	1302	1006209162	0065
1073	9823	P1849	0135	325228	0189	1006209295	0900
4-798, 798	9702	P59116	1216	325231	0248	1006209332	0080
Ace	N° ZEN	P59118	0050	325232	0285	1006209339	0131
4-1073	9823	P59138	0110	327585	0574	1006209400	0068
4-798	9702	P59141	0032	331025	0574	1006209401	0325
AES New	N° ZEN	P59143	0188	331032	0574	1006209402	0221
1946	9702	P59146	0032	333418	0217	1006209403	0307
AIM	N° ZEN	P59147	0032	344511	0243	1006209404	0108
SJ-0779A	9702	P59156	0110	Bosch	N° ZEN	1006209405	0068
Allis Chalmers	N° ZEN	P59170	0110	0001364400	1594	1006209406	0361
02683662	0434	P59171	0117	0001364402	1594	1006209410	0108
02698850	0434	P59173	0110	0001368313	1594	1006209412	0068
2201850102	0376	P59180	1216	0001368318	1594	1006209414	0108
22018501030	0376	P59186	0117	1006208030	0015	1006209416	0108
2201850192	0376	P59195	0032	1006208036	0015	1006209417	0068
268757	0607	P59203	0188	1006209010	0015	1006209418	0638
Amsco	N° ZEN	P59205	0188	1006209011	0015	1006209423	0229
HT-230	9702	P5921	1216	1006209012	0044	1006209424	0323
André Niermann	N° ZEN	P59210	0032	1006209013	0015	1006209425	0111
01364402	1594	P59220	0117	1006209014	0044	1006209427	0108
Arrowhead	N° ZEN	P59230	0188	1006209015	0015	1006209428	0361
SHI5308	9702	P5934	1216	1006209016	0015	1006209429	0222
Autolite-Prestolite	N° ZEN	P595	0110	1006209017	0044	1006209431	0065
0637	0032	PD6A	0117	1006209029	0080	1006209436	0417
6315	1216	PD71	0117	1006209030	0223	1006209437	0220
6316	1216	PD7A	0117	1006209031	0080	1006209439	0139
BRC3001J	0135	PD8A	0188	1006209032	0223	1006209444	0300
EBA44	0032	PD9A	0188	1006209034	0080	1006209445	0325
EBA44A	0032	SRP1009	0054	1006209039	0223	1006209449	0361
EBA45	1216	Bedford	N° ZEN	1006209040	0080	1006209462	0108
EBA47	0032	91118533	0686	1006209047	0080	1006209463	0108
EBB111	0032	Bendix	N° ZEN	1006209049	0223	1006209466	0361
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EBB129A	1216	281025	0463	1006209052	0080	1006209470	0857
EBB132	0032	286942	0244	1006209053	0080	1006209471	0108
EBB159A	0032	289862	0245	1006209055	0080	1006209472	0361
EBB168	0093	293187	1302	1006209056	0223	1006209473	0857
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EBB19A	1216	294698	0244	1006209066	0080	1006209482	0931
EBB24	0188	295883	0244	1006209071	0223	1006209500	0420
EBB30	1216	297440	0244	1006209080	0139	1006209501	0406
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EBB56A	0110	299955	0189	1006209101	0080	1006209503	0482
EBB78A	0032	302613	0245	1006209102	0131	1006209504	0482
EBB90	0188	303300	0244	1006209104	0131	1006209506	0482
EBB95	0032	303710	0244	1006209105	0223	1006209509	0482
MAD3073	0053	305949	0244	1006209108	0362	1006209510	0520
MDO1161	0110	307049	0244	1006209110	0223	1006209513	0482
MDW1261	0110	309008	0244	1006209123	0015	1006209516	0520
MGD1061	0110	310626	0404	1006209124	0015	1006209519	0633
MGD1161	0110	310629	0189	1006209125	0044	1006209522	0619
MGD1161A	0110	313910	0189	1006209127	0080	1006209523	0572
MGL1161	0110	314529	0404	1006209140	0223	1006209524	0573

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
1006209526	0482	1006209619	0482	1006209759	0972	1987BE0013	0450
1006209527	0532	1006209621	0937	1006209762	1223	1987BE0014	0455
1006209528	0482	1006209622	1487	1006209778	1168	1987BE0015	0459
1006209530	0482	1006209624	0976	1006209794	1545	1987BE0016	0468
1006209531	0482	1006209628	0932	1006209796	1641	1987BE0017	0522
1006209532	0613	1006209629	0938	1006209801	1619	1987BE0018	1192
1006209535	0798	1006209631	1037	1006209806	1632	1987BE0019	0624
1006209536	0482	1006209631	1031	1006209807	1619	1987BE0020	0671
1006209537	0520	1006209633	0976	1006209804	1597	1987BE0021	0770
1006209538	0630	1006209634	0997	1006209812	1576	1987BE0022	0905
1006209539	0630	1006209635	1031	1006209818	1650	1987BE0023	0140
1006209541	0800	1006209635	1037	1006209821	1562	1987BE0024	0155
1006209542	1065	1006209637	1109	1006209824	1642	1987BE0025	0158
1006209543	0579	1006209638	0925	1006209880	0937	1987BE0026	0160
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1006209545	0520	1006209642	1031	1006209902	0044	1987BE0028	0162
1006209546	0575	1006209642	1037	1006209903	0015	1987BE0029	0238
1006209547	0475	1006209643	0972	1006209905	0520	1987BE0030	0287
1006209548	0482	1006209645	1033	1006209908	0962	1987BE0032	0327
1006209550	1065	1006209646	1030	1006209910	0900	1987BE0033	0349
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1006209552	0639	1006209649	0932	1006209912	0639	1987BE0035	0404
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1006209558	0900	1006209657	1108	1006209918	0579	1987BE0039	0448
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1006209564	0803	1006209671	1058	1006209923	0805	1987BE0043	0595
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1006209580	0797	1006209686	0745	1006210128	1642	1987BE0052	0756
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1006209583	0900	1006209692	0976	1007010045	0579	1987BE0055	0901
1006209584	0745	1006209693	0482	1007010105	1108	1987BE0122	0045
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1006209605	1474	1006209706	0976	1987BE0006	0244	2003162016	0133
1006209606	1474	1006209709	0976	1987BE0007	0351	2006202000	0117
1006209607	0998	1006209710	0579	1987BE0009	0353	2006202010	0920
1006209613	0852	1006209715	0976	1987BE0010	0389	2006202011	0920
1006209614	1467	1006209757	1108	1987BE0011	0441	2006208011	1076
1006209618	0925	1006209758	0932	1987BE0012	0445	2006208013	0223

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
2006208014	0224	2006209408	0392	2006209501	1180	6033AD0004	1643
2006209013	0226	2006209413	0661	2006209530	0367	6033AD0070	1550
2006209021	0227	2006209414	0497	2006209532	0418	6033AD0442	1038
2006209022	1076	2006209418	0310	2006209533	0538	6033AD1002	1158
2006209030	1076	2006209421	0105	2006209536	0367	6033AD3006	1038
2006209031	0224	2006209421	1364	2006209537	0760	6033AD3108	1038
2006209032	0227	2006209422	0308	2006209539	0538	6033AD3120	1157
2006209043	0028	2006209423	0392	2006209543	0970	6033AD3334	1159
2006209068	0028	2006209425	0378	2006209594	0900	6033AD3850	1038
2006209071	0225	2006209426	0648	2006209900	0028	6033AD4034	1038
2006209072	0226	2006209427	0635	2006209900	1076	6033AD5078	1658
2006209073	0226	2006209429	1004	2006209901	0224	6033AD0044	0573
2006209086	0318	2006209431	0460	2006209902	0227	6033AD0061	1472
2006209095	0318	2006209432	0814	2006209915	0028	6033AD0077	1158
2006209109	0101	2006209433	1003	2006209916	0225	6033AD0091	1026
2006209111	0302	2006209434	0784	2006209917	0226	6033AD0129	1160
2006209120	0101	2006209435	0118	2006209930	0367	6033AD0148	1157
2006209160	0131	2006209436	0105	2006209932	0538	6033AD0184	1159
2006209161	0131	2006209436	1364	2006380010	0035	6033AD0200	1159
2006209162	0065	2006209437	0313	2006380410	0035	6033AD0218	1629
2006209163	0307	2006209438	0392	2006380414	0035	6033AD0270	1022
2006209165	0080	2006209443	0661	2006380418	0035	6033AD0284	1027
2006209166	0080	2006209444	0497	2006380450	0037	6033AD0304	1179
2006209181	0227	2006209446	0105	2006380458	0037	6033AD0306	1178
2006209183	0028	2006209446	1364	2006380558	0036	6033AD0331	1624
2006209183	1076	2006209447	0315	2006381410	0035	6033AD0414	1022
2006209185	0224	2006209448	0310	2006381458	0037	6033AD0462	1038
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2006209332	0316	2006209483	0291	2006401904	0204	9001066248	0475
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2006209342	0316	2006209486	1001	2007010037	0122	9001066476	0475
2006209344	0316	2006209488	1005	2008109203	0920	9001081010	0729
2006209345	0302	2006209488	1003	2009999032	0204	9001081022	0837
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2006209386	0225	2006209492	0367	256U11000CA	1597	9001081042	0855
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2006209394	0118	2006209495	0418	6003AD1062	1483	9001081066	0846
2006209405	0118	2006209498	0538	6004AH5018	1478	9001081074	0933
2006209406	0308	2006209499	0419	6033AC5149	12839	9001082014	0015
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Bosch	N° ZEN
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Bosch	N° ZEN
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31206194A	1594

Butec	N° ZEN
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851075	0110
852758	0117
852760	0188
852762	0097
852763	0110
852957	0117

Butec	N° ZEN
852959	0188
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852962	0110
BRP	N° ZEN
278001497	1218
278001936	1218
Cargo	N° ZEN
CG231767	0708
111636	1594
231269	1577
236896	1534
237667	1650
Case	N° ZEN
112055	1594
A47788	0434
Caterpillar	N° ZEN
2S-3344	0556
3T-5341	0556
3T-8754	0555
4N4517	0117
4N7523	0434
5L-6429	0626
5S-6372	0555
6N3826	0110
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93090	0626
CBT	N° ZEN
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5800/00043	0627
CT2213708600	0213
Chrysler	N° ZEN
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1889129	0054
2095122	0050
2095397	0050
2444651	0050
2444658	0050
2444661	0054
2525287	0093
2525287	0568
2642445	0054
2642506	0054
2642692	0054
3755085	0050
3837936	1216
3837986	1216
3874045	0050
4094174	0050
4106093	0495
4145978	0495
5206632	0339
5213310	0339
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Chrysler	N° ZEN
5233966	9349
CH1917	0054
CH1920	0050
CH1922	0050
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CH1925	0050
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CH1931	0339
DR1900	0013
DR1902	0020
DR1905	0020
F01903	0205
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LM1901	0135
PL1991	0135
Citroën	N° ZEN
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Daewoo	N° ZEN
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DAF	N° ZEN
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Daihatsu	N° ZEN
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2801141012	0327
Delco Reman	N° ZEN
DRS1170	1594
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DRS7090	1594
Dubois	N° ZEN
297400	9702
Ducellier	N° ZEN
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583336	0574
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Ducellier	N° ZEN
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Facet	N° ZEN
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10061	0555
10127	0144
10325	0064
10580	0924
10583	0182
10593	0655
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10624	0624
10627	0622
10639	0625
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10640	0624
10641	1205
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480116	0117
480117	0110
480118	0097
480135	0626
480183	0898
480217	1190
480320	0188
480321	0110
480322	0626
480324	1190
480410	0117
480411	0097
480412	0930
480414	0914
480417	0182

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

Fiat	N° ZEN
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9004229	0087
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9008243	0105
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9918347	0315
9923779	0035
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9927793	0407
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9929081	0407
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9936050	0394
9936602	0108
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9940740	0630
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9941314	0482
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9941467	0395
9941640	0389
9941642	0394
9941751	0408
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9945556	0779
9946913	1477
9947748	1630
9947831	0925
9947838	0998
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9957919	0105
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9959572	0648
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9959813	0418
9961781	0601
99811565	0315
9983629	0291
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Ford	N° ZEN
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BRNN11350	1216
CYCLONE	1677
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C1VF11350A	0053
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Ford	N° ZEN
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C5JF11350A	0053
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C7AF11350A	0053
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D1RY11350B	0205
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D2RY11350B	0205
D37Z11350A	0184
D4HF11350AA	0097
D4HF11350BA	0110
D4RY11350A	0205
D5AF11350AA	0053
D6EF11350AA	0205
D6EF11350BA	0205
D6FF11350AA	0135
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D6GF11350AA	0205
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D6PF11A108BA	0053
D6PZ11350A	0205
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E4LY11350A	0681
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E6HZ11350A	0625
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E7GZ11350A	0450
E8BZ11350A	0636

Ford	N° ZEN
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E92Z11350B	0596
EAB11350A	0110
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F7RUK614	0907
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FAV11350A	1216
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SD324	0681
SD337	1192
SD340	1225
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SD353	1208
SDE 335	0596
SDE 336	0596
SDE 342	0596
SDE198	0184
SDE307	0342
SDE311	0545
SDE330	0670
SDE332	0450
SDE334	0636
SDE335	0596
SDE336	0596

Ford	N° ZEN	Hitachi	N° ZEN	Hitachi	N° ZEN	Isuzu	N° ZEN
SDE339	0669	211425554	1556	21309500	0684	5811230020	0376
SDE342	0596	211435006	0737	225025003	0901	5811230070	0376
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VP8G1U11350AA	1677	211435551	0687	225045004	0901	5811230150	0448
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XL1Z11002AA	9781	211445004	0351	S114808	1556	5811230360	0832
XS6411350AA	1208	211445007	0351	S114829	1557	5811240030	0946
XS6U11350AA	1208	211445012	0634	S14100A	1608	5811240030	9260
YC1U11000AB	1539	211445016	1016	S14100B	1608	5811240060	9260
Garef	N° ZEN	2114-45100	1017	S14100D	1608	8821213620	0141
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58350001	0120	211455003	0644	Honda	N° ZEN	8941155680	0737
58350002	0120	211455004	0349	31204657617	0947	8941155690	1200
6624100	0714	211455008	9488	31204PC016	9350	8941258890	0498
General Motors	N° ZEN	211455506	0737	31204PC2016	9350	8941291870	0947
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09307667	0108	211485008	0737	31207PA0006	0327	8972095483	1608
90273737	0482	211485501	0790	31207PE0005	0832	8973291631	1608
90421771	0745	211495002	0382	31213671671	9186	8973828350	1608
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96058480	0617	2114N1550	0141	185866150	0947	Italacciai	N° ZEN
96063635	0450	2114N1560	0141	Iskra	N° ZEN	SD002	0285
96063636	0595	2114N3550	0351	16900035	1088	SD012	0319
97209548	1608	2114N4550	0141	16900068	1588	SD013	0225
97720446	1608	212015501	0684	16900089	1056	SD015	0224
97729079	1608	212025001	0448	16900151	1060	SD016	0447
Harley Davidson	N° ZEN	21203500	0376	16900284	1059	SD018	0304
3139186	0947	212035001	0376	16900392	0926	SD019	0411
3144365A	0898	212045002	0448	16900408	0926	SD037	0362
3150581	0947	212055002	0448	16900541	0926	SD038	0226
HC Parts	N° ZEN	21207500	0376	16900902	0926	SD040	0463
CS1129	1594	212075002	0448	16900920	0228	SD044	0570
CS387	1594	21207530	0376	16901392	0926	SD047	0574
Hitachi	N° ZEN	21207550	0376	16901408	0926	SD055	0325
1303ST	0539	212085001	0448	16901658	1073	SD060	0228
210875002	0536	212085002	0448	16901694	1616	SD061	0028
2108F3500	0536	21301502	0790	16902379	1678	SD062	0630
2108F3500	9488	21303500	0539	16902733	1600	SD076	0286
211415003	0429	213035004	0844	16904847	1600	SD077	0601
211415016	1020	213035009	0792	18100021	0036	SD105	0533
211415504	0517	213065001	0790	18100098	0035	SD106	0533
211415507	0790	213065002	0785	18900179	0533	SD107	0120
211415508	0832	213075002	0792	525	0896	SD108	0213
211425504	0554	213075003	0792	Isuzu	N° ZEN	SD112	0608
211425505	1200	213075004	0790	2902769300	1608	SD117	0189
211425509	1207	213085003	0792	5811130170	0376	SD119	0453

Italacciai	N° ZEN
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
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

Italacciai	N° ZEN
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
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
Iveco	N° ZEN
50053567	1650
500053567	1650
J&N	N° ZEN
222-44009	9702
John Deere	N° ZEN
19024524	0366
AR54992	0434
Johnson Electric	N° ZEN
10394020	1455
5712820-DV30SM	0708
Just Parts	N° ZEN
B02-6021N	9702
HT2-5034N-PS1	9702
Kawasaki	N° ZEN
131013701	0749
131013703	0749
131013705	0749
131013706	0749
590513005	0536
KHD	N° ZEN
01319755	1038
01319806	1038
1340070	1483

Kia	N° ZEN
361392X000	1048
Kubota	N° ZEN
1550463041	0947
Lada	N° ZEN
210103708620	0213
21013798620	0213
210803708620	0540
CT2213708600	0213
Leece-Neville	N° 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
71151	0188
71158	0879
73146	0117
73493	0188
74977	0188
75249	0117
77600	0110
77601	0097
97222	0188
M029013539	0879
M029075249	0776
M02909722	0778
M02909722	1204
M2904204	0013
M029064235	0626
M029074977	0188
M029076308	0930
M029077600	0110
Lester	N° 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

Lester	N° ZEN
16201	0141
16203	0141
16203	0351
16205	0141
16205	0349
16207	0141
16207	0349
16209	0141
16210	0144
16211	0141
16211	0349
16215	0140
16215	0184
16215	0353
16217	0327
16218	0184
16218	0327
16220	0327
16221	0343
16222	0140
16222	0353
16223	0327
16224	0140
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

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

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

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

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

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

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

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

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

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

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

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

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

Lucas Indiel	N° ZEN
35257650	0469
35257707	0459
35257783	0467
35257798	0740
35257802	0742
35257814	0102
35257816	0492
35257820	0441
35257824	0868
35257911	0771
35257952	0741
35257963	0743
35258131	0162
35258133	0467
35258135	0740
35258136	0742
35258137	0741
35258138	0743
35258139	0468
35258229	0753
35258266	0772
35258384	0762
35258393	0469
35259278	1622
35259760	1091
35259916	1602
35259938	1596
35259978	1651
35260206	0826
35260290	0945
35260500	0991
35260810	0978
35260832	1595
35260838	1648
35260958	1604
35260975	1621
35260999	1623
35261112	1617
35261134	1603
35261299	1596
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74870651	0713
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Magneti-Marelli	N° ZEN
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85541488	0823
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Mazda	N° ZEN
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859924740	0957
AM1518X25	0595
B30118400	0636
B30118X45	0636
B63018X45	0450
E35618X45	0450
F21418X25	0596
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Mercedes Benz	N° ZEN
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M191T14271	0801
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M191T22771	0450
M191T22871	0584
M191T22971	0450
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M191T23471	0450
M191T26171	0519
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Mitsubishi	N° ZEN	Mitsubishi	N° ZEN	Nippondenso	N° ZEN	Nippondenso	N° ZEN
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M191T34071	0352	MD618963	1024	0283001601	0947	0283716190	12609
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Nissan-Datsun	N° ZEN
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Nissan-Datsun	N° ZEN
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Onan	N° ZEN
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Pal	N° ZEN
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Paris-Rhone	N° ZEN
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Paris-Rhone	N° ZEN
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Polaris	N° ZEN
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3240120	0749
4060119	0749
Porsche	N° ZEN
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Raisman	N° ZEN
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1896767	0924	1941119	0568	1971147	1216	C2001	0050
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1904170	1216	1945842	0020	1972286	0205	D2010	1216
1909204	1216	1945879	0626	1972287	0053	D2012	1216
1909514	0188	1946174	0556	1972365	0054	D2014	0020
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1913587	1216	1946945	0097	1974655	0977	D2018	0050
1913589	1216	1946957	0097	1975046	0093	D2020	0020
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1918219	1216	1947920	0182	1979835	0555	D2024	0093
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1922266	1216	1950058	0568	1985131	0879	D2026	0566
1922419	0032	1950398	0032	1985132	0930	D2028	0013
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1925079	1216	1951180	0051	1985262	0858	D2032	1189
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1932188	0013	1953151	0914	37MT	0888	D2049	0020
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D2107	0051
D4123	0051
DR2000	0243
DR2001	0243
DR2003	0243
DRA3002D	0767
ESP-281	1605
F2003	0205
F2004	0053
S5894	0454
Renault	N° ZEN
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Sea Doo	N° ZEN
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295500089	0773
Skoda	N° ZEN
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Subaru	N° ZEN
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492866401	0517
892094112	0341
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Suzuki	N° ZEN
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3132060A10	0617
3132063210	0184
3132072031	0352
3132078310	0686
3132079030	0450
3132082010	0576
3132082130	0450
3132082139	0450
3132086030	0595
SWS	N° ZEN
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11812010	9702
Thermo King	N° ZEN
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446676	0792
446676	9526
446681	0792
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Toyota	N° ZEN
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2801122020	0184
2801122021	0327
2801122022	0184
2801123020	0184
2801124020	0184

Toyota	N° ZEN
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2801124080	0184
2801125012	0327
2801125020	0327
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2801126041	0947
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2801164030	1097
2801167030	1097
2801170020	0809
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2801187704	0341
2810110710	0947
Tria	N° ZEN
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3143	0605
3902	0731
4424	0732
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UTB	N° ZEN
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UTMS	N° ZEN
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DV202749	0188
DV202750	0930
Valeo	N° ZEN
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103066	0117
110427	1533
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18205	843
182052	0936
182176	0961
182177	0647
182178	0657
182848	0843
184448	0775
184917	0287
185182	0656
185290	1074
185441	0747
185675	0961
185915	1023
186321	1162
186456	0961
186621	0117
186798	1209
186867	0787
186938	0787
187336	0965
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187528	1458
187788	0843
187863	0965
187960	0787
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187981	1209
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188887	0787
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494833	1533
583289	0574
583336	0574
584135	1023

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594029	0775
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594108	0747
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594214	0787
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594345	0843
612355	0189
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BD7E17	0843
D7E15	0843
NE 212	0657
NE154	1302
NE156	0217
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NE184	0248
NE197	0287
NE209	0656
NE210	0936
NE211	0647
NE307	0574
NE308	0574
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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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42163708-01	1175
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Volkswagen	N° ZEN
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056911335A	0068
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1119113356	0328
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2431807	0036
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3059113353	0065
311911335A	0065
78MU11350A	0108
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85357	0044
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BD5T11350A	0085
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224001	0005
224002	0022
224004	0024

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

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



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Ace	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
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AES	N° ZEN	0001107008	0799	0001107403	1619	0001108052	0482
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AES New	N° ZEN	0001107013	0745	0001107406	1619	0001108056	0482
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S1936N	9702	0001107018	0745	0001107415	1545	0001108062	0482
AIM	N° ZEN	0001107019	0745	0001107417	1597	0001108063	0475
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SJ0053R	9702	0001107021	0799	0001107429	1641	0001108065	0475
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1336643	0434	0001107023	0729	0001107432	1545	0001108068	0641
Amsco	N° ZEN	0001107025	0745	0001107437	1641	0001108069	0641
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Arc	N° ZEN	0001107027	0520	0001108002	0482	0001108071	0520
S1660	9702	0001107028	0520	0001108003	0482	0001108072	0482
Arrowhead	N° ZEN	0001107029	0520	0001108004	0520	0001108073	0482
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SHI0032	9702	0001107034	0745	0001108010	0482	0001108076	0900
SMU0404	1548	0001107037	0925	0001108011	0482	0001108077	0900
Autolite-Prestolite	N° ZEN	0001107041	0520	0001108012	0482	0001108078	0482
C5AF/1A	0135	0001107043	0938	0001108013	0532	0001108079	0482
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MZZ4658	0050	0001107069	0925	0001108031	0482	0001108095	0579
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1876182	9823	0001107073	0925	0001108037	0520	0001108099	0805
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Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
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0001211503	0482	0001218107	0631	0001231003	1038	0001311042	0300
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0001211988	0307	0001218135	0573	0001231026	1159	0001311105	0108
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0001211998	0323	0001218174	0875	0001241007	12839	0001311116	0111
0001212006	0325	0001218177	0573	0001241014	12839	0001311117	0108
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0001218016	0572	0001223024	1158	0001311007	0223	0001311136	0108
0001218017	0631	0001223500	1026	0001311013	0080	0001311137	0108
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0001218019	0875	0001223504	1624	0001311019	0080	0001311140	0108

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0001311147	0108	0001352003	0015	0001359003	0101	0001359087	1364
0001313001	0080	0001354006	1076	0001359004	0392	0001359089	0105
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0001313004	0139	0001354010	0227	0001359006	0316	0001359090	0497
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0001314038	0361	0001354103	0318	0001359067	0661	0001360016	0101
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0001360036	0105	0001362040	0366	0001362312	0635	0001366004	0366
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0001360040	1364	0001362051	0367	0001362600	0228	0001366015	0366
0001360041	0392	0001362053	0366	0001362601	0228	0001366017	0366
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0001360056	0105	0001362075	0366	0001363104	0365	0001367005	0367
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0001362001	0319	0001362093	0419	0001363118	0378	0001367018	0378
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0001362012	0312	0001362096	0367	0001363126	0365	0001367022	0419
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0001368003	0367	0001368082	0418	0001402055	0035	0001410111	0087
0001368005	0367	0001368083	0970	0001402057	0036	0001410115	0087
0001368006	0378	0001368300	0367	0001402058	0035	0001410116	1181
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0001368022	0367	0001371004	0920	0001410022	0218	0001413018	0087
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0001368026	0419	0001371008	0920	0001410032	0087	0001414010	0218
0001368027	0419	0001371009	0920	0001410034	0087	0001414011	0218
0001368028	0367	0001371010	0920	0001410035	0078	0001414015	0218
0001368030	0367	0001371013	0920	0001410037	0087	0001414018	0218
0001368031	0367	0001371015	0920	0001410041	0122	0001414019	0087
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0001417036	0218	9000081002	0729	900082063	0108	900083051	0118
0001417042	0087	9000081003	0837	900082064	0108	900083052	0105
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0001417065	0089	9000081006	0866	900082067	0108	900083053	1364
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0001420024	0117	9000082010	0044	900082083	0111	900083062	0118
0001420025	0117	9000082012	0080	900082085	0111	900083063	0105
0001421001	0117	9000082013	0077	900083000	0043	900083063	1364
0001421002	0117	9000082015	0015	900083001	0034	900083064	0105
0001421003	0117	9000082017	0115	900083002	0059	900083064	1364
0001421004	0117	9000082020	0034	900083003	0060	900083065	0105
0001421006	0117	9000082020	0077	900083004	0061	900083065	1364
0001421008	0117	9000082021	0111	900083011	0034	900083066	0105
0001501001	0035	9000082022	0046	900083012	0034	900083066	1364
0001501003	0036	9000082023	0080	900083013	0060	900083067	0105

Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN	Bosch	N° ZEN
900083067	1364	900084022	0133	9000453001	0024	9000453049	0024
900083068	0105	900084023	0088	9000453001	1359	9000453049	1359
900083068	1364	900084023	0133	9000453004	0024	9000453050	0024
900083069	0496	900084024	0089	9000453004	1359	9000453050	1359
900083071	0497	900084026	0089	9000453005	0024	9000453051	0024
900083072	0668	900085004	0036	9000453005	1359	9000453051	1359
900083074	0105	9000141100	0325	9000453006	0024	9000453052	0024
900083074	1364	9000141101	0325	9000453006	1359	9000453052	1359
900083075	0497	9000141103	0325	9000453007	0186	9000453053	0081
900083076	0497	9000141107	0325	9000453008	0186	9000453053	0084
900083077	0748	9000141108	0325	9000453009	0024	9000453054	0024
900083077	1372	9000141111	0325	9000453009	1359	9000453054	1359
900084007	0089	9000141112	0325	9000453011	0024	9000453055	0056
900084007	0122	9000141114	0325	9000453011	1359	9000453057	0505
900084007	0133	9000141116	0108	9000453012	0085	9000453059	0024
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900084008	0122	9000142002	0108	9000453013	0125	9000453061	0024
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900084012	0133	9000331411	1172	9000453025	0070	9000453076	0497
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900084014	0087	9000331421	1173	9000453028	1359	9000453088	0315
900084014	0122	9000331424	1173	9000453029	1190	9000453089	0392
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900084015	0122	9000331432	0861	9000453032	1359	9000453091	0315
900084015	0133	9000331433	0861	9000453033	0085	9002453078	0496
900084016	0133	9000333104	0482	9000453033	1361	900453089	1224
900084016	0218	9000333105	0108	9000453034	0024	99451753	0875
900084017	0087	9000333106	0482	9000453034	1359	9967600004	0035
900084017	0122	9000333109	0482	9000453038	0024	9967600005	0036
900084017	0133	9000333114	0482	9000453038	1359	F000AL0100	0855
900084018	0087	9000333117	0482	9000453041	0024	F000AL0101	1469
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900084019	0087	9000451001	0293	9000453042	1359	F000AL0105	1168
900084019	0122	9000451004	0328	9000453043	0024	F000AL0106	1547
900084019	0133	9000451010	0293	9000453043	1359	F000AL0107	1168
900084020	0088	9000451011	0329	9000453044	0186	F000AL0108	1155
900084020	0122	9000451012	0328	9000453045	0186	F000AL0111	1562
900084020	0133	9000451017	0293	9000453046	0024	F000AL0112	1168
900084021	0087	9000451024	0293	9000453046	1359	F000AL0135	1690
900084021	0122	9000452002	0529	9000453047	0024	F000AL0138	1691
900084021	0133	9000452003	0348	9000453047	1359	F000AL0139	1691
900084022	0088	9000452004	0529	9000453048	0125	F000AL0128	1638

Bosch	N° ZEN
F000AL0130	1675
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F000AL0300	0846
F000AL0301	0942
F000AL0302	1471
F000AL0304	0837
F000AL0305	0846
F000AL0306	0989
F000AL0309	0837
F000AL0310	0837
F000AL0314	0837
F000AL0400	1177
F000AL0401	1222
F000AL0402	1468
F000AL0502	1223
F000AL0102	0998
F000AL0302	0622
F000AL0700	0118
F000CD001	1666
F000CD0002	1674
F000CD1113	1674
F005M00012	0919
F005M00014	0919
F005M00016	1540
F005M00024	0745
F006AL0602	0497
F010AL0101	0800
F010AL0103	0866
F010AL0301	0846
NN9	0015
Bosch Reman	N° ZEN
SR1319X	1548
SR7593X	9823
SR97X	9702
Boston Auto	N° ZEN
3191-181	1548
Cargo	N° ZEN
111120	9702
112609	9823
113617	1548
330265	1642
Case	N° ZEN
114799A1	0970
91902C1	0434
A162469	0434
A181642	0970
A187597	0970
P941519Q	0970
Caterpillar	N° ZEN
4N0241	0434
4N4405	0930
7M8651	0110
7N0923	0434
9G6941	0434
CBT	N° ZEN
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CBT	N° ZEN
210803708010	0540
Chrysler	N° ZEN
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15113	0110
1889100	0054
1889129	0054
1889200	0054
1889297	0050
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2095150	0050
2095254	0050
2095753	0054
2642227	0054
3656650	0050
40911920	0495
4091950	0495
4111855	0495
4145359	0495
4240449	0495
5206270	0339
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56004934	0801
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Citroën	N° ZEN
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Cummins	N° ZEN
3283312	0970
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Daewoo	N° ZEN
31100A78B00	1048
DAF	N° ZEN
1658730	12839
Daihatsu	N° ZEN
2810072010	0947
Dixie	N° ZEN
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56106	9702
5-80011	1548
Dubois	N° ZEN
916584	9702
Ducellier	N° ZEN
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532001AB	0244
532002	0404
532003	0404
532004	0404
532005	0189
532005A	0189
532007	0189
532007A	0189
532008	0404
532008AB	0404

Ducellier	N° ZEN
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532009AB	0404
532010	0404
532010AB	0404
532017A	0244
532018	0404
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533003	0189
533004	0189
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534004AB	0189
534005	0189
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534007	0189
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534029A	0574
534031	0574
534032	0574
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534042AB	0574
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6081E	0463
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6128A	0183
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6178ABCEf	0244
618077DEF	0189
618078AB	0189
618090B	0189
618091ABC	0189
618358AB	0189
6183CFG	0244
618482AB	0189
618484AB	0189
618565A	0189

Ducellier	N° ZEN
6185ABC	0245
618795A	0189
6189	0189
6189ABCDEF	0189
6190	0189
6190AB	0189
6203ABCD	0244
6206AB	0244
6212	0189
6212AB	0189
6216	0189
6216ABC	0189
6219ABC	0245
6220	0189
6220AB	0189
6221A	0404
6222A	0189
6224BCD	0244
6226	0189
6226A	0189
6227ABCD	0244
6231ABC	0244
6231C	0404
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6237AB	0189
6238	0189
6238AB	0189
6240A	0189
6242	0189
6242A	0189
6246	0189
6246AB	0189
6247	0189
6247AB	0189
Efel	N° ZEN
22202	0035
Facet	N° ZEN
26211M/T	0064
Femsa	N° ZEN
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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
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MTH244	0036

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

Ford	N° ZEN
E5TZ11002B	0670
E6EF11001AA	0455
E6FZ11002A	0455
E8BZ11002A	0636
E8TF11000AA	0669
E8TF11000AA	0670
E8TZ11002A	0669
E8TZ11002A	0670
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E90Y11002A	1192
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E90Y11002B	1192
E90Y11002B	1224
E92Z11002A	0596
E9BZ11002A	0450
E9JY11002A	0450
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E9SF11000AA	1224
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F13Z11002A	1192
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F23U11000AA	1192
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F23Z11002B	1192

Ford	N° ZEN
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F2DU11000AA	1224
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F2DU11000BA	1224
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F2DZ11002A	1224
F2TU11000AA	1192
F2TU11000AA	1224
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F2TZ11002A	1224
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F2VY11002A	1226
F3DU11000AA	1192
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F3DZ11002A	1192
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F3LU11000AA	1199
F3LU11000AA	1226
F3LY11002A	1199
F3LY11002A	1226
F3RZ11002A	1208
F3RZ11002B	1208
F3RZ11002B	1228
F3TU11000AA	0670
F7GZ11002A	0450
F81U11000AC	0959
F87U11000DD	1217
F9JY11002A	0450
FAJ11001B	1216
FAN11001A	1216
FAP11001A	1216
FAS11001A	1216
FE1H18400	0596
F02F11000AA	1192
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F07U11000BA	1192
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FOFZ11002A	1224
FOTZ11002A	1192
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FOTZ11002B	1224
SA739A	0670
SA739B	0669

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

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

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

Harley Davidson	N° ZEN
3145564	0898
3145564A	0898

Hitachi	N° ZEN
5114146	0691
5114219	0644
5114230	0644
5114232	0537
5114235	0644
5114244	0691
5114417	0691
5114440	0793
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5114475A	0793
5114475A	1207
5114486	0793
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51279	0785
51337	0785
51341	0785
51341A	0785
51384B	0793
51384B	1207
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S114122	0141	S114197	0351	S114268	0737	S114378	0554
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S114509	0634	S1261	0376	S1362A	0737	31200679052	0349
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Italacciai	N° ZEN
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Iveco	N° ZEN
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J&N	N° ZEN
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John Deere (SLC)	N° ZEN
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AR70611	0434
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Johnson Electric	N° ZEN
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Kubota	N° ZEN
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Leece-Neville	N° ZEN
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Lucas	N° ZEN
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26227A/Q	0064
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26238M/Q	0155
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26279A/E	0067
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26312B	0096
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26316A/M	0096
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26339	0064
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26339A/K	0096
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26344A/F	0150
26345A/J	0150
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26356A/M	0398	26435A/B	0286	27403A	0155	27518A/E	0155
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26357A/E	0150	26436A/B	0150	27408A	0155	27522A/D	0155
26358A/H	0150	26600E/F	0823	27409A/D	0155	27523A/D	0155
26361A/E	0398	26601E/F	0823	27410A	0615	27524A/B	0155
26363A/J	0286	26605A	0823	27411A/B	0155	27525A/B	0155
26364A/F	0155	26607E/J	0960	27412A/D	0134	27526A/D	0155
26365A/F	0150	26609F/J	0823	27413A/D	0411	27527A/B	0155
26366A/F	0150	26613E/H	0823	27414A	0155	27528A/D	0480
26367A/D	0286	26616A/B	0823	27415A/D	0155	27532A/D	0155
26369A/J	0150	26619A/D	0823	27416A/D	0134	27533A/E	0486
26370B/E	0155	26620A	0823	27417A/D	0155	27536A/D	0155
26372A/B	0594	26621A/B	0823	27418A	0615	27537A/B	0155
26374A/F	0150	26624A/D	0823	27419A/D	0486	27538A/D	0155
26375A/D	0155	26626A/B	0823	27420A/B	0155	27539A/F	0155
26376A/L	0150	26628	0823	27421A/B	0411	27540A/H	0155
26378A/H	0150	26628A	0823	27423A	0134	27541A/D	0155
26379A/F	0096	26654B/D	0823	27424A/B	0155	27543A/D	0486
26382A/B	0286	26667	0863	27426A/F	0155	27545A/B	0486
26384A/B	0286	26678B	0823	27427A/E	0155	27546A/B	0486
26385A/B	0594	26679B	0823	27429A/B	0155	27550A/B	0155
26387A/E	0155	26680B	0823	27430A/B	0594	27551A/B	0486
26388A/F	0398	26681B	0823	27432A/E	0155	27552A/B	0486
26389A/D	0286	26689	0823	27433A/D	0155	27553A/D	0480
26390A	0594	26692	0960	27435A	0155	27554A/B	0480
26390B/E	0594	26695	0823	27436A	0486	27556A	0486
26391A/B	0155	26696	0960	27439A	0155	27558A/E	0486
26393A/F	0150	26702	0822	27443A	0486	27559A/E	0155
26395	0064	26702E/K	0822	27446A	0155	27562A/B	0480
26395	0322	26707A/L	0821	27449A/D	0486	27565B/D	0155
26395A/H	0096	26708	0821	27452A	0134	27568A	0155
26398A/H	0286	26713A/D	0821	27459A	0155	27570A/B	0155
26403A/D	0150	26716B	0821	27461A/B	0155	27571A/B	0155
26404A/D	0150	26717A	0822	27462A/B	0486	27572A/B	0155
26404ADM50	0150	26804A/E	0821	27463A/D	0411	27573	0155
26407A/F	0398	26809A	0821	27464A/B	0155	27574	0155
26407AEM50	0398	26810A	0821	27468A/B	0155	27575	0486
26408A/E	0150	26811A	0822	27469A	0155	27583D	0155
26409A/E	0150	26812A/D	0822	27470A/B	0155	35258000	0162
26410A/B	0150	26813	1062	27474A/B	0155	35258430	0915
26411A/B	0150	26816	0821	27475A	0134	35258540	0978
26412A	0155	26823	0821	27500A/J	0480	35258580	0991
26413A	0155	26824	0821	27502A/D	0155	35258660	1635
26414A/E	0150	26834	1062	27503A/D	0155	35258670	0492
26416A/E	0286	26841	1062	27504A/B	0480	35258690	0983
26420A/B	0286	26903A	0820	27506A/D	0480	35258710	0978
26421A/B	0286	26913A	0820	27507A/B	0480	35258740	1133
26422A	0155	26921	0820	27508A/D	0486	35258760	0990
26427A	0150	26925	0820	27509A/B	0486	35258790	0945
26427AM50	0150	26929A/B	0820	27510	0155	35258850	0990
26428A/B	0286	26931A/B	0820	27511A	0480	35258910	0991
26429A/B	0286	26935B	0820	27512A/D	0557	35259170	0916
26430A/D	0096	27022	0863	27513A	0155	35260828	1635
26431A/B	0096	27047	0863	27514A/B	0155	LRS1976	1624

Lucas	Nº ZEN	Lucas Indiel	Nº ZEN	Magneti-Marelli	Nº ZEN	Magneti-Marelli	Nº ZEN
LRS01976	1624	35259620	1090	63101003	1227	63217147	0407
LRS02223	1650	35259630	1090	63102003	0779	63217148	0601
LRS2163	0809	35259640	1090	63102004	0779	63217154	0601
LRS2223	1650	35259660	1090	63102007	0779	63217188	0601
M45G	0615	35259680	1596	63102008	0779	63217201	0407
M79	0822	35259690	1637	63103002	0779	63217225	0407
M79	0823	35259710	0983	63103003	0779	63217226	0601
S5012	0064	35259730	1648	63103007	0999	63217403	0910
S5012	0322	35259750	1596	63103008	0999	63217410	0601
Lucas Indiel	Nº ZEN	35259810	1648	631101002	0779	63220035	1477
2680B	1475	35259830	1595	63111000	0969	63220104	1496
2680D	1475	35259840	1595	63111007	1113	63220107	0768
35255556	0160	35259880	1623	63111008	1169	63220108	0768
35255999	0160	35259900	1090	63111010	1113	63220137	0768
35256034	0102	35260830	1595	63111016	1561	63220506	0408
35256425	0102	35260840	1595	63111027	1169	63220536	0408
35256433	0102	35260870	1648	63112003	1169	63220537	0408
35256519	0102	35260890	1621	63114008	1630	63220538	0408
35256520	0102	35260940	1622	63114010	1630	63220700	0120
35256637	0102	35260950	1622	63114014	1025	63220701	0120
35256900	0102	35261050	1648	63201008	0779	63220702	0120
35257188	0102	35261070	1622	63211627	0035	63220705	0120
35257700	0868	35261120	1623	63211665	0035	63220706	0120
35257720	0102	35261130	1651	63211669	0035	63220720	0120
35257880	0771	35261155	1623	63213127	0035	63220721	0120
35258240	0772	35261160	1648	63213812	0035	63220723	0120
35258270	0860	35261175	1602	63214349	0035	63220724	0120
35258340	0467	35261250	0990	63214371	0035	63220731	0120
35258370	0915	35261260	1617	63216225	0035	63220740	0120
35258380	0468	35261295	1617	63216325	0035	63220741	0120
35258400	1134	35261305	0991	63216703	0407	63220743	0120
35258420	1134	35261355	1596	63216707	0407	63220744	0120
35258440	0826	35261385	1647	63216725	0407	63220746	0120
35258490	1635	35261395	1523	63216726	0407	63220800	0120
35258460	1134	35261395	1603	63216727	0407	63220833	0120
35258560	1134	35261425	1596	63216731	0601	63220834	0120
35258600	0945	35261640	1617	63216740	0407	63220836	0120
35258640	0860	35261740	1603	63216741	0601	63220900	0120
35258720	1134	35261780	1603	63216808	0407	63220932	0120
35258730	0915	35262020	1604	63216815	0910	63220940	0120
35258840	1134	35262190	1603	63216825	0407	63221300	0120
35258930	0102	35262460	1604	63216826	0407	63221308	0389
35259040	1635	35262580	1623	63216827	0407	63221338	0389
35259060	0860	36261135	1603	63216831	0601	63221400	0389
35259260	1595	Lucas Reman	Nº ZEN	63216851	0910	63221401	0389
35259300	1622	57133	9702	63216873	0407	63221403	0394
35259310	1602	57219	9702	63216896	0601	63221430	0389
35259390	1637	Magneti-Marelli	Nº ZEN	63216898	0407	63221431	0389
35259400	1635	36222700	0213	63217101	0407	63221433	0394
35259440	1092	46414994	0779	63217104	0407	63221434	0394
35259450	1648	46415504	0779	63217105	0407	63221500	0394
35259520	1595	46417006	0779	63217118	0407	63221503	0394
35259570	1636	46429594	0779	63217119	0407	63221508	0389
35259580	1090	46465475	0779	63217120	0407	63221509	0394
35259590	1637	63101000	0779	63217125	0407	63221530	0394
35259600	1637	63101002	0779	63217126	0601	63221533	0394

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

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

Mitsubishi	Nº ZEN	Mitsubishi	Nº ZEN	Mitsubishi	Nº ZEN	Mitsubishi	Nº ZEN
M2T56185	12812	M2T80582	1024	M3T15675	0144	M3T25785	0352
M2T56271	1047	M2T84071	1024	M3T15772	0144	M3T2581	0352
M2T56271	12812	M2T84171	1024	M3T15872	0144	M3T25882	0352
M2T56471	1046	M2T84571	1024	M3T15972	0144	M3T25883	0352
M2T56471	12812	M2T87071	1024	M3T162838	0450	M3T25885	0352
M2T56472	1046	M2T87171	1024	M3T164866	0450	M3T25885	0450
M2T57771	1047	M2T87271	1024	M3T189054	0450	M3T25885A	0450
M2T57771	12812	M2T87371	1567	M3T19171	0144	M3T25891	0352
M2T57871	0957	M2T87471	1024	M3T19271	0144	M3T27686	0352
M2T57871	1046	M2T87871	1024	M3T19471	0144	M3T27686D	0450
M2T57871	12658	M2T87971	1024	M3T20081	0352	M3T27786	0450
M2T57871	12659	M2T87971	1567	M3T20181	0352	M3T29482	0450
M2T57881	12658	M2T88071	1567	M3T20381	0352	M3T29482D	0450
M2T58081	9495	M2T88271	1567	M3T20681	0352	M3T29681	0352
M2T58381	9495	M3M32722	0450	M3T20681A	0352	M3T30081	0352
M2T58481	9495	M3M32782	0450	M3T20781	0352	M3T30082	0352
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M2T60072	0957	M3Q38882	0450	M3T21281	0450	M3T302589	0450
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Napa	N° ZEN
44-9294	9823
Nastra	N° ZEN
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New Holland	N° ZEN
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128000606	0967	1280009550	1097	2280002260	10049	2330005E00	0790
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1280007353	0921	220000200	1097	2280003290	0947	2330009602	0141
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1280007740	0841	2280000311	0947	2280004330	0947	2330010G02	0790
1280007750	9301	2280000400	0921	2280004980	1097	23300-10G02	9527
1280007912	0947	2280000400	1215	2280005020	1097	2330011M00	0790
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Nissan-Datsun	N° ZEN	Nissan-Datsun	N° ZEN	Nissan-Datsun	N° ZEN	Nissan-Datsun	N° ZEN
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2330011N00	0790	2330037505	0448	2330084A17	0595	23300H7300	0349
2330015800	0141	2330037506	0448	2330085A01	0517	23300H7301	0349
2330015805	0141	2330037508	0448	2330086G10	0712	23300H7302	0349
2330015815	0448	23300375088	0448	2330090062	0448	23300H9100	0737
2330015A00	0554	2330038W00	0790	2330090217	0448	23300H9100	9488
2330015A05	0554	2330041B70	0450	2330090E00	0790	23300H9101	0737
2330015A06	0554	2330041B76	0595	23300A3210	0448	23300H9101	9488
2330017C60	0737	2330042L11	0450	23300B500	0349	23300-H9112	1043
2330017C60	9488	2330042L13	0450	23300B5000	0349	23300k9160	0758
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2330018005	0141	2330042L70	0595	23300B5013	0352	23300KA160	0517
2330018015	0141	2330043300	0141	23300C0600	0429	23300KA270	0517
2330018C00	0499	2330043305	0141	23300D0100	0499	23300KA440	0517
2330018C01	0499	2330043405	0141	23300D0200	0499	23300KA510	0517
2330018C03	0499	2330044R10	0596	23300D0212	0352	23300L1800	0448
2330018C05	0351	2330044R11	0596	23300D0214	0450	23300L2912	0450
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2330021017	0141	2330057M90	0595	23300G7002	0448	23300M8001	0517
2330021P00	0737	2330057N60	0634	23300G7003	0448	23300M8101	0554
2330021P00	9488	233005E00	0790	23300G7004	0448	23300M8200	0517
2330022P00	0737	2330060S10	0450	23300G7005	0448	23300M8201	0517
2330022P00	9488	2330065Y10	0595	23300G7006	0448	23300M8301	0554
2330022P70	0595	233006900	0349	23300G7007	0448	23300M8501	0554
2330022P71	0595	2330069690	0351	23300G8400	0634	23300M8502	0554
2330026900	0141	2330069960	0351	23300H0100	0141	23300N0900	0351
2330026901	0141	2330070J00	0863	23300H0101	0141	23300N3301	0351
2330030F10	0596	2330070J10	1062	23300H3900	0141	23300N3304	0351
2330030F11	0596	2330070J11	1062	23300H5001	0349	23300N5900	0737
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2330030R13	0679	2330070Y00	0517	23300H5003	0349	23300N5902	0737
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2330031W02	0448	2330074Y00	0517	23300H5013	0352	23300N5903	9488
2330031W03	0448	2330077A11	0595	23300H5014	0853	23300-N5911	1043
2330031W04	0448	2330078505	0141	23300H5300	0349	23300P5112	0352
2330031Y03	0448	2330078511	0144	23300H5400	0349	23300P5113	0352
2330032W03	0448	2330079400	0141	23300H5902	0737	23300P5113	0450
233003470	0448	2330079601	0448	23300H6900	0349	23300P5114	0450
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2330036A00	1207	2330080W00	0499	23300H6902	0349	23300R2000	9488
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Nissan-Datsun	N° ZEN
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23300T3470	0448
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23300T5072	0450
23300T5600	0448
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23300U0101	0351
23300U0102	0351
23300U0113	0352
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23300U0601	0351
23300U0602	0351
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23300U6003	0351
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23300V0601	0448
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23300V5300	0737
23300V5300	9488
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23300V700	0790
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23300W0403	0499
23300W0413	0450
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23300W1000	0737

Nissan-Datsun	N° ZEN
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23300W1002	0737
23300W1002	9488
23300-W1011	1043
23300W2500	0790
23300W2804	0790
23300-W2804	9527
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23300W7000	0737
23300W7000	9488
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23300-W7011	1043
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23300Y0715	0450
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23300Y7000	0737
23300Y7000	9488
23300Y7001	0737
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23300Z700	0448
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23300Z7005	0448
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23330H6901	0349
4330078505	0141
NSA	N° ZEN
STR-3622	1548
Onan	N° ZEN
19911052	0427
Pal	N° ZEN
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976117	0902
Paris-Rhone	N° ZEN
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D11E105	0217
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D11E159	0215
D11E165	0215
D11E172	0571
D11E191	0461
D11E79	0217
D13E117TE	0117
D13E119TE	0117
D13E120TE	0117

Paris-Rhone	N° ZEN
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D13E122TE	0117
D13E123TE	0117
D13E123TE	0117
D8E111	1302
D8E121	0248
D8E130	0285
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D8E70	1302
D8E74	1302
D8E81	0248
D8E83	0189
D8E86	1302
D8RA114	0189
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D9E101	0287
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D9E124	0287
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D9E69	0287
D9E70	0287
D9E74	0287
D9E76	0287

Paris-Rhone	N° ZEN
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D9E771	0287
D9E773	0287
D9E78	0287
D9E79	0287
D9E81	0287
D9E85	0287
D9E86	0287
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D9R118	0961
D9R121	0936
D9R122	0961
D9R135	0961
D9R84	0936
D9R89	0961
D9R99	0961
Peugeot	N° ZEN
5802AQ	1650
Porsche	N° ZEN
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2330005E00	0790
23300W2804	0790
CT2213708000	0213
E90SZ11000AA	1192
E90V11002A	1192
E9SF11002A	1192
S1347A	0790
S1350	0790
S1369	0790
Prestolite	N° ZEN
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35259440	1092
35259460	1523
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35259880	1623
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35260890	1621
35260940	1622
35260950	1622
35261070	1622
35261120	1623
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462361	0930
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MFJ6501	0930
RCP	N° ZEN
ST-882	9823
Remy	N° ZEN
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10455081	0783
10455505	0854
10461001	0625

Remy	Nº ZEN	Remy	Nº ZEN	Remy	Nº ZEN	Remy	Nº ZEN
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10461002	0755	10478953	0755	10479641	1194	1107268	0568
10461003	0625	10478957	0625	10479645	1112	1107270	0013
10461003	0755	10478957	0755	10479650	0985	1107272	0013
10461005	0625	10478960	0624	10479651	1112	1107273	0020
10461005	0755	10478961	1205	10479652	1112	1107274	0020
10461006	0625	10478976	0625	10479654	0985	1107279	0013
10461006	0755	10478976	0755	1103809	0188	1107280	0052
10461007	0624	10479014	0624	1107037	1216	1107286	0020
10461008	0624	10479015	0625	1107056	1216	1107289	0020
10461010	0624	10479015	0755	1107074	1216	1107290	0093
10461013	0624	10479016	0625	1107084	1216	1107290	0568
10461015	0625	10479016	0625	1107087	1216	1107291	0093
10461015	0755	10479020	0625	1107088	1216	1107291	0568
10461016	0624	10479034	0624	1107089	1216	1107293	0020
10461018	0624	10479035	0625	1107092	1216	1107294	0020
10461039	0625	10479035	0755	1107095	1216	1107298	0020
10461039	0755	10479036	0625	1107115	1216	1107299	0020
10461044	0625	10479036	0755	1107116	1216	1107301	0020
10461044	0755	10479054	0625	1107125	1216	1107302	0020
10461069	0625	10479054	0755	1107126	1216	1107303	0020
10461069	0755	10479068	0625	1107134	1216	1107306	0020
10461417	1205	10479068	0755	1107139	1216	1107307	0020
10461771	1679	10479069	0625	1107141	1216	1107308	0052
10461772	1679	10479069	0755	1107149	1216	1107313	0020
10465151	1194	10479109	1205	1107158	1216	1107314	0020
10465167	0756	10479196	0624	1107163	0020	1107315	0020
10465294	0774	10479196	0858	1107173	1216	1107316	0020
10465314	1194	10479292	1205	1107196	1216	1107317	0020
10478805	0624	10479310	1205	1107198	1216	1107320	0020
10478806	0625	10479600	0723	1107203	0052	1107321	0020
10478806	0755	10479604	1194	1107208	0013	1107322	0032
10478811	0624	10479605	0721	1107213	0032	1107330	0020
10478814	0625	10479606	0650	1107214	0093	1107331	0020
10478814	0755	10479606	1196	1107214	0568	1107332	0052
10478818	1205	10479607	0649	1107217	1216	1107336	0020
10478819	0625	10479607	1195	1107219	0020	1107340	0020
10478819	0755	10479608	0721	1107223	0013	1107342	0020
10478825	0624	10479611	0722	1107233	0020	1107343	0051
10478826	0624	10479612	0721	1107234	0052	1107344	0051
10478831	0625	10479613	0650	1107234	0093	1107345	0020
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10478862	0555	10479614	1194	1107235	1216	1107347	0020
10478890	0625	10479615	1194	1107237	0020	1107349	0020
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10478898	1210	10479617	1194	1107245	0052	1107353	0020
10478921	0625	10479618	1194	1107248	0020	1107354	0013
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10478927	0624	10479620	0651	1107249	0568	1107356	0052
10478928	0625	10479620	1197	1107251	0051	1107360	0020
10478928	0755	10479621	0629	1107253	1216	1107361	0020
10478929	0625	10479625	1194	1107258	0032	1107363	0020
10478929	0755	10479626	0985	1107259	0020	1107364	0052
10478930	0625	10479629	0722	1107260	0020	1107365	0020
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Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN	Remy	N° ZEN
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1107369	0020	1107582	0093	1107875	0051	1108250	0052
1107370	0020	1107582	0568	1107879	0052	1108251	0052
1107371	0020	1107583	0052	1107881	0032	1108258	0032
1107372	0020	1107584	0052	1107889	0020	1108280	0093
1107373	0020	1107587	0051	1107927	1216	1108280	0568
1107374	0020	1107588	0051	1107928	0032	1108322	0093
1107377	0052	1107591	0093	1107943	1216	1108322	0568
1107378	0052	1107591	0568	1107954	1216	1108323	0052
1107379	0052	1107592	0093	1107977	1216	1108340	0052
1107382	0093	1107592	0568	1108008	1216	1108341	0052
1107382	0568	1107593	0093	1108014	0032	1108379	0093
1107389	0013	1107593	0568	1108015	1216	1108379	0568
1107393	0052	1107598	0052	1108021	1216	1108393	0052
1107397	0013	1107600	0051	1108029	1216	1108396	0093
1107398	0013	1107605	1216	1108032	0032	1108396	0568
1107501	0052	1107641	0013	1108033	0052	1108397	0093
1107503	0093	1107650	0050	1108037	1216	1108397	0568
1107503	0568	1107651	0050	1108042	0052	1108415	0093
1107504	0051	1107652	0013	1108047	0032	1108415	0568
1107510	0051	1107653	0013	1108048	0032	1108431	0093
1107511	0093	1107654	1216	1108051	0052	1108431	0568
1107511	0568	1107655	0013	1108052	0032	1108438	0052
1107512	0093	1107657	0013	1108056	0032	1108443	0093
1107512	0568	1107658	1216	1108057	1216	1108443	0568
1107515	0093	1107659	1216	1108061	0032	1108447	0093
1107515	0568	1107661	0013	1108062	0032	1108447	0568
1107516	0052	1107665	0013	1108063	0032	1108449	0093
1107523	0052	1107666	0050	1108064	0032	1108449	0568
1107527	0051	1107668	0013	1108065	0032	1108476	0093
1107533	0093	1107680	0052	1108066	0032	1108476	0568
1107533	0568	1107695	1216	1108068	1216	1108493	0093
1107534	0051	1107696	0093	1108071	0032	1108493	0568
1107538	0051	1107696	0568	1108077	1216	1108501	0052
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1107540	0568	1107745	1216	1108112	1216	1108634	0568
1107546	0052	1107746	1216	1108113	0032	1108636	0051
1107547	0052	1107747	1216	1108126	1216	1108641	0051
1107550	0052	1107748	0050	1108131	1216	1108643	0051
1107553	0051	1107749	0050	1108149	1216	1108644	0093
1107556	0052	1107755	1216	1108150	1216	1108644	0568
1107557	0093	1107762	1216	1108152	0032	1108648	0093
1107557	0568	1107771	0052	1108161	0052	1108648	0568
1107558	0052	1107787	1216	1108163	0032	1108649	0093
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Romaine	N° ZEN
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Subaru	N° ZEN
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MPB17	1359
MPB18	0024
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Pá Carregadeira c/ motor Scania	0087
Pá Carregadeira c/ partida Delco	0051 0052 0112
Pá Carregadeira W18, W20, W20B, todos c/ partida JF	0105 1364
Pá Carregadeira W20 até 09/76 c/ partida JD (MBB-OM 352)	0034
Pá Carregadeira W36 c/ motor Cummins	0088
Pá Carregadeira W36, W36B c/ motor Cummins e Scania	0133
Pá Carregadeira W36, W36B Turbo c/ motor Cummins e Scania	0122
Pá Carregadeira W36B Turbo	0089
Pá Carregadeira W7 c/ motor Perkins 6 cil. e partida Wapsa	0024 1359
Retroescavadeira 580, 580E, 580CK c/ motor Perkins 4 cil. e 580H c/ partida Wapsa	0024 1359
Retroescavadeira 580H c/ partida Bosch	0118
Retroescavadeira c/ motor Cummins	0970
Trator 580H/SH/SH 4x4 (Cummins 433.9) a partir de 04/94 c/ partida Bosch JF	0497
Trator Agrícola 2470 e 4490	0087 0122 0133
Trator c/ partida Delco Remy 42MT	0117
Trator c/ partida Lucas	0134
Trator MX 135	0814
Trator W18, W20 (MBB-OM 352), W20B (MBB-OM 352A)	0105 1364
Trator W20 (Cummins 6BT590)	0748
Trator W36	0087
W36B Turbo	0089
Windrowers 6000, 6500 W, NCE 4-390 Engine	0970
Case Grader 845 e 845.2, Pá Carregadeira W20 e Fiat Allis Grader FG 140.2. c/ partida 28MT	0722
Case	0034 0051 0052 0122 0133 0624 0625 0722 0784 0858
Caterpillar	Nº ZEN
2.5KW/12 Volt	9402
3304/3306, 120/140 B, 930, 966	0089
Bluebird USA Cat. 3126 7.2	1595
Caterpillar	0117 0121 0122 0133 0201 0624 0626 0858

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

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

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

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

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

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

Clark	Nº ZEN
► Pá Carregadeira Michigan 55C, 45C, 55A, 65R, 75III	0105 1364
Pá Carregadeira Michigan 75A, 75II, 75III c/ partida Wapsa	0024 1359
Trator Bobcat 853 ano 94, série S12816390	0721
Clark	0034 0624 0625 0649 0755 0858 0893 1195
Clayson	Nº ZEN
1520, 1530, 1540	0366
CNG	Nº ZEN
Buses	1510
Cummins	Nº ZEN
C 6ct 8.3, C 6cta 8.3	1603
C 8.3	1648
Chassi p/ Ônibus RC210, UC210	0089 0122 0133
Cummins c/ partida Bosch JF 10D	0497
Cummins c/ partida Delco Remy 28MT	0722 1194
Cummins c/ partida Delco Remy 37MT 12/14V 12D (Motores série C, GMC, MB, VW Caminhões)	0624
Cummins c/ partida Delco Remy 37MT 12/24V 10D (VW Caminhões 6 cil. Turbo)	0625 0755
Cummins c/ partida Delco Remy 37MT 12/24V 12D (Caminhões GMC, MB, VW)	0858
Cummins c/ partida Delco Remy 42MT (Empilhadeira Hyster a partir de 97)	1205
Cummins c/ partida Delco Remy 42MT 12/14V	0110
Cummins c/ partida Delco Remy 42MT 12/24V (Empilhadeira Case)	0117
Engines	0970
Motor 6C, 6CT, 6CTA de 8.3 lts	0089
Motor N855, 250 Super, 6C, 6CT, 6CTA	0122 0133
Motor série C	0622 1190
Motores N, NT, NTA, NTA855	0088 0122
Motores N855, 250 Super	0088
Cummins	0122 0133 0624 0722 0858 1190 1194
Dacia	Nº ZEN
Aro	0244
Daewoo	Nº ZEN
Cielo	0770
Damas	1620
Empilhadeira c/ partida Delco	0906
Espero 2000 c/ motor GM e partida Delco Remy	0770
Espero CD 2000	0770
Le Mans	0752

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

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

Dodge	Nº ZEN
▶ Daytona Shelby 1991 L4 2.5 gas.	0641
Daytona Shelby Z 1987 L4 2.2 gas.	0532
Daytona Shelby Z 1988 L4 2.2 gas.	0532
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12 M, 15 M, 17 M	0223
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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

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▶ 14000	0085
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Bronco 4.9L 92	1192 1224
Bronco 5.0L 92-96	1192 1224
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Caminhão Cargo CF 7000	1190
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Capri 1.6, 2.0	0520
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Cargo C 1421 e 1621 6BTAA 12/1999 a 11/2000 JF 12V	1691
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Cargo N 1114, 1414, NA1814, 2214	0661
Cargo N 708, 710, 808, 810, 812, 814, 910, 914, D 0707, 0810, 0910, 1010, 1111	0661
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Cargo séries, D, K séries	0480
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Consul 1.7	0307
Consul 2.0	0362
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Corcel II 1.6	0108
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Courier 1.8 D	0962
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Crown Victoria LX 1993 V8 4.6 gas.	1199
Crown Victoria LX 1993 V8 4.6 gas.	1226
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Crown Victoria Police Interceptor 1993 V8 4.6 gas.	1226
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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
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Escort L 1985 L4 1.9 gas.	0455
Escort L 1986 L4 1.9 gas.	0455
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Escort LX 1986 L4 1.9 gas.	0455
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▶ Escort LX 1989 L4 1.9 gas.	0455
Escort LX 1990 L4 1.9 gas.	0455
Escort Pony 1987 L4 1.9 gas.	0455
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▶ F12000 c/ motor Perkins 6 cil.	0024 1359
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F2000 c/ motor diesel Ford 4 cil.	0024 1359
F2000 c/ motor MWM	0085
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F350 c/ motor Cummins B Aftercooler 3.9 c/ conec. estanco	1090
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Mustang Cobra 1996 V8 4.6 gas.	1226
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Ranger 6 cil. a álcool c/ motor CID a partir de 03/85	0529
Ranger Duratec HE 2.3	1617
Ranger Motor Maxion HS 4 cil. 2.5	1635
Ranger, todos diesel	1217
Retroescavadeira	0064
Royale c/ transmissão automática e EFI	0108
Scala 1.6 CHT	0108
Scorpio	0482 0803 0961
Scorpio 1.8, 2.0	0520 0997
Scorpio 1.8, 2.0, 2.0 I	0520
Scorpio 2.4, 2.8, 2.8 INJ, 2.9, 2.9 4x4	0482
Scorpio 2.5 D	0632
Sierra	0222 0820 0961
Sierra 1.3, 1.6, 1.8, 2.0, 2.0 I, 2.3	0520
Sierra 1.6	0742
Sierra 1.6, 1.8, 2.0	0823
Sierra 1.6, 2.0, 2.3	0108
Sierra 2.0, 2.3, 2.3 INJ, 2.8, 2.8 4x4, 2.9	0482
Sierra 2.3	0238
Sierra 2.3 D	0406 0460 0632
Sierra 2.8	0803
Sierra L e Ghia 1.6 c/ partida Indiel	0469
Taurus	0080 0223
Taurus (75-82)	0222
Taurus 1.3, 1.6	0220
Taurus 1.3, 1.6, 2.0	0222
Taurus 1.6	0220
Taurus 2.0 V6	0307

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

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

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

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

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

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

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

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

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

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

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

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

Inter	Nº ZEN
Inter	1515

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

Ishikawjima	Nº ZEN
Ishikawjima	9527

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

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

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

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

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

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

John Deere (SLC)	Nº ZEN
▶ Trator c/ motor Perkins 3 cil. e partida Lucas	0102
Trator série 7000, 7200 Turbo c/ motor MWM TD 229.6	0496
Trator série 7000, 7200 Turbo, 7700, 7700 Turbo c/ motor MMB e partida Bosch JF	0105
Trator 7500	1637
Tratores 1420, 2330, 2420, 2530, 2730 3 e 4 cil	1647
Tratores 2140, 2850, 3140, 3350, 3540, 3550 com motores 6359, 4239D	1647
Tratores 3420 / 3530 / 4420 / 4530 6 cil	1647
John Deere	0624
	0625
	0722
	0755
	0948
	1194

JPX	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, SWT, 8WV, WTV, WVK	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
650 - SC, X2	0749
750 - SS, ST, STS, STX, SX, SXI, TS, XI, ZXI	0749
900 - STX, ZXI	0749
1100 - STX, ZXI E ULTRA 150	0749
21163-3003 (F, G, YR)	0536
21163-3710, 21163-3711, 21163-5031	0536
ATV 300 4x4	0751
D10006, D130006, D4006, D4506, D5006, D6006, D6206, D6806, D7006, D7206, D7506, D8006, DX100, DX85, DX90, Intrac 2002, 2003, 2004	0392
F1300D, F1400D, F1500D, F1600D, F1800D, F2105DF	0418
F1300DT, F1400DT, F1500DT, F1600DT, F1800DT, F1902DT, F2105D	0118
F2100, F2103, F2105, F2300, F2303, F2305, SB2500DH	0760
Jet Ski SC650, SS750, ST750, SX, SX650, SX750, SXI 750, TS650, X2650, XI750, ZXI1100, ZXI750, ZXI900	0749
Jet Ski SX440, SX550	0536
Jet Ski Wet Jet c/ motor Yamaha	0749
Kawasaki, C650, SS750, ST750, SX, SX650, SX750, SXI 750, TS650, X2650, XI750, ZXI1100	0749
Kawasaki, SX440, SX550	0536
Kawasaki, Wet Jet c/ motor Yamaha ZX1900, ZX1750	0749
Magnum 2x4, Magnum 4x4, a partir de 94	0751
Polaris, ATV 300 4x4, 400L 2x4, 400L Big Boss 6x6, Magnum 4x4 a partir de 94, Sportman 4x4	0751

Kawasaki	Nº ZEN
▶ 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
715 F2 L 1011	0764
716 F3 L 1011	0764
717 F4 L 1011	0764
721 BF4 L 1011	0764
BF4L 1011	0929
BF4L 1011 (2.7), F2L 1011 (1.4), F3L 1011 (2.0), F4L 1011 (2.7)	1002
BF4L 1011 (2.7), F2L 1011 (1.4), F3L 1011 (2.0), F4L 1011 (2.7), todos de 06/89	1002
D10006, D130006, D4006, D4506, D5006, D6006, D6206, D6806, D7006, D7206, D7506, D8006, DX100, DX85, DX90, Intrac 2002, 2003, 2004	0367
D25, 30 2505, 3005, F2L 812	0223
	0227
D2506, D3006, DX50V, F3L 911, F3L 912	0366
D3005, D25, D2505, D30, D30 S, F2L 712, F2L 812	0223
D4005, D4505, D5005, D5505, F3L 812, F4L 812	0226
D4006, 4506, 5006, 5506	0367
D4006, 5006, 6006, 7006	0225
D8005, M90 D7FL, M90 D7L	0036
D8005, M90 D7L, M90 7FL	0036
F1L 410, F2L 410, F2L 411, F3L 912, FHL 912	0225
F2L 1011	0929
F2L 1011, F3L 1011, F4L 1011	0764
F2L 912, F3L 912	0312
F3L 1011	0929
F4L 1011	0929
F6L 413, F8L 413, M150E10, M150L10, M170D, L, R, S, SH, TL, TR, M200L, M232D, DL1300	0087
Motors Engines BF4L 1011 (2.7 L, 2732cc) 2003	1472
Motors Engines F2L 1011 (1.4, 1366cc) 2004	1472
KHD	0764

Kia	Nº ZEN
Besta 1000cc	0786
Besta 2.5, 2.7	1601
Besta 2.7 arranque Mando	1667
Bongo ano 2008	1607
Pop Pride com arranque Remy Coréia	1605
Pride	0636
	1054
Rio 02/05	1048
Sephia GTX 1.5 16V, SLX 1.6	0450
Sephia GTX 1.5 16V, SLX 1.6 8V, a partir de 94	0450
Spectra 1.6	1048
Sportage 2.0 i	0352
Sportage c/ motor OHC 16V à gasolina	0450
Kia	1211

Komatsu	Nº ZEN
Esteiras D60E, D60F, D65E, D73E (Cummins N855C) a partir de 93	0089
GD523, 623 (Cummins C séries)	0622
Motoniveladora GD523, GD623 c/ motor Cummins série C	0622
P160, P170, P170T, P190, P200, P260, P270	0118
Pá Carregadeira c/ motor Cummins série C	0622
PC 150	0118
PC200 Escavadeira - com motores Cummins 4B3.9, 4BT3.9, 6B5.9, 6BT5.9, 6BTAA.MACK	0722
Retroescavadeira PC150 mod. 5, (Hidráulica)	0118
Retroescavadeira PC150 mod.3 (Cummins 6BT 5.9) a partir de 04/93	0497

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

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

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

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

Lamborghini	Nº ZEN
▶ Lamborghini	1065 1073 1076

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

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

Beta HPE 1976 L4 1.8 gas.	0111 0213
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Beta HPE 1977 L4 1.8 gas.	0111 0213
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Beta HPE 1978 L4 1.8 gas.	0111 0213
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Beta Scorpion 1976 L4 1.8 gas.	0111 0213
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Beta Scorpion 1977 L4 1.8 gas.	0111 0213
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Beta Z50 diesel	0035
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Dedra 1.6	0779
Dedra 1.6 i.e.	0786 1206

Dedra 1.8, 2.0	0878
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Dedra TD, Delta TD, Prisma TD	0631
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Delta	0111 1113
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Delta 1.3	0120
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Delta 1.5	0108 0389
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Delta 1.5, 1.6	0111
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Delta 1.6 HF Turbo	0394
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Delta 1.8, 2.0	0878
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Delta HF4WD	0394
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Delta TD	0631
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Delta, Y 1.1, 1.2, 1.4	0779
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Esadelta	0036
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Esadelta B	0035
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Esagamma	0035
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Esaro 3RO	0036
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Esatu	0035 0036
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Flavia 1.8	0183 0244
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Gamma 2.0, 2.5	0108
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HPE	0213
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K 2.0, 2.4 (20V)	0878
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K 2.0, 2.4 TD	0969
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K 2.4 TD	1630
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Kappa	1113
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Lancia	Nº ZEN
▶ Lybra	1033 1113
Lybra 1.6 16V	0976
Lybra 1.6, 1.8, 2.0	0998
Motor 1.3 JTD 16V	1641
Prisma	0111
Prisma 1.3	0120
Prisma 1.5	0108 0389
Prisma 1.5, 1.6	0111
Prisma 1.6 4WD	0394
Prisma TD	0631
Thema (8.32)	0482
Thema 2.0	0394 0878
Thema 2000 IE, Turbo	0394
Thema D, TD	1104
Thema TD	0875
Thema Turbo diesel	0875
Trevi	0111 0213
Trevi 1.6	0389
Trevi 1.6, 2.0	0111
Trevi 2.0	0213
Y10 1.0, 1.1 Touring	0482
Y10 Fire	0786
Z 2.0 Turbo	0745
Lancia	1056 1117 1169 1227 1477
Land Rover	Nº ZEN
100, 200, 25, 400, 45	1496
109, 110 2.25 D	0064 0615
90, 110 diesel	0449
90, 110, 130 2.5 D, TD	0657
Cabriolet, Coupe	1496
Defender	0657
Defender 110 3.9L, 3947cc 1993	1474 1475
Defender 2.5	0475
Defender 2.5 diesel Gemini TCI D.I 23L	0861
Defender 2.5 Turbo	0861
Defender 90 3.9L, 3947cc 1994, 1995	1474 1475
Defender com motor 2.4 TD4 ano 2007 em diante	1642
Defender Motor Gemini III 4 cil. 2.5	1635
Diesel	0067 0155
Diesel Maxion H54TCC 98- ...	0861
Discovery	0657
Discovery Motor Gemini III 4cil. 2.5	1635
Discovery 2.5 TDi 12L, 21L 89-94	0861
Discovery 2.5 TDi 16L 93-98	0861
Discovery 3.9L, 3947cc 1994-1995	1474
Discovery OM014A	0657
Pick-up c/ partida Valeo	0657
Range Rover I 2.5 TDi Classic 14L 92-94	0861
Range Rover I 2.5 TDi Classic 300 TDi 94-96	0861

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

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

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

Massey Ferguson	Nº ZEN
▶ Colheitadeira/Combine/Cosechadora MF c/ partida Delco Remy	0182
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Colheitadeira/Combine/Cosechadora MF 96 - Perkins 4000 4.1	1622
Colheitadeira/Combine/Cosechadora MF102, MF1630, MF210S, MF220, MF310, MF3640, MF5650, todos c/ partida Bosch	0118
Colheitadeira/Combine/Cosechadora MF1630 (PER-A 4248), MF3640 (PER-A 6358), MF5650 (PER-A 6354-4), MF5650 Turbo (PER-AT 6354-4)	0118
Colheitadeira/Combine/Cosechadora MF220 c/ partida Wapsa	0024 1359
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MF102 Perkins-AT6.354	1616
MF102 Perkins-A6.372	1616
MF105	1616
MF1080 Perkins A4.318	1616
MF1080 S-4RM Perkins A4.318	1616
MF1100 Perkins A6.354	1616
MF1085 A4.318	1616
MF11	1616
MF1104	1616
MF1114 Perkins A6.354	1616
MF1250 Séries Perkins A6.354.4	1616
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MF155, MF158, MF168, MF186, MF187, MF188, MF487, MF507, MF510, MF520, MF525, MF87	0661
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MF178 Perkins A4.248	1616
MF186	1616
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MF3640 Perkins 1006-6 05/1996 JF 12V	1690
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MF394 S, F Perkins-A4.248	1616
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▶ MF50 9TD / EX Perkins A4.236	1616
MF50 10TD/9TD Perkins A4.236/A4.212	1616
MF50 10TD Perkins A4.236/A4.318	1616
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MF5650 Perkins 1006-6T 05/1996 JF 12V	1690
MF5650 Turbo AT 6.354.4 03/1988 JF 12V	1690
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MF6150 1004-4THR	1616
MF6160 1006-6	1616
MF620, 625 Perkins A6.372	1616
MF675 9TD, 10TD Perkins A4.236	1616
MF6845 Perkins 1006-6T 12/1994 JF 12V	1690
MF685	1616
MF6855 Perkins 1006-6TW 10/1993 JF 12V	1690
MF6865 Perkins 1006-6T 09/1994 JF 12V	1690
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Trator MF235 c/ partida Bosch até 86	0043
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Trator MF265, 270, 275, 285, 290, 292, 295, 296, 400, 50X, 55X, 65R, 65X, 85X, 86, 95, 95I, (todos c/ partida Bosch)	1195
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Trator MF3366 c/ partida Bosch	0121
Trator MF4780 (SSB-DN11)	0087
Trator MF4780 c/ motor Scania DN11	0087 0122 0133
Trator MF5275, 5285, 52902 - Perkins Série 4.41 4.1	1622
Trator MF5300, 5310 - Perkins 1004 4T 4.0	1622
Trator MF85 c/ partida MWM D226-4	0034
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Ideal 9090 Perkins 1006-6T 10/1993 JF 12V	1690
Ideal 9090 Perkins 1006-6TW 12/1994 JF 12V	1690
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Mazda	Nº ZEN
929	0352
2200 Pick-up	9791
323 1.0, 1.3, 616, 618, 929 1.8, 929 1.8	0144
323 1.3	0361
323 1.3, 1.5 8T	0871
323 1.3, 1.5, 326 1.6, 2.0, B 1600, 2000	0352
323 1.3, 1.5, 626/EGi	0475
323 1.3, 1.5, MX 5 (Miata) 1.6, 1.8	0450
323 1.4, B 1600, 2000 LDV	0874
323 1.6	0300
626 2.0, 2.2, Turbo, B 2200 Pick-up, MX 6 2.0, 2.2, Turbo	0596
626 SL, SLX	0908
B Series Pick-ups 2.3L 2001-2006	1585
B 2000, B 2200	0450
B 2500D	1024
Capella	0144
Familia	0144
Luce	0144
Mazda	0352
Mazda 323, 626SL, SLX	0908
Mazda B 2600 modelo 1996>2002	12619
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Pick-up 1000, 1.2	0144
Proseed	0144
Tribute 2.3L 2005-2006	1585
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Mazda	0426
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Mazda B-2000	1646
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190 1.8	1619
200	0492
230	0492
260	1037
915	1038
1319	0218
1320	0218
1418	0218
1419	0218
1420	0218
1425	0218
1517	0218
1518	0218
1519	0218
1520	0218
1524	0218
1525	0218
1622	0218
1922	0920
1924	0218
1929	0218
1932	0218

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▶ 1933	0218
1934	0218
1936	0920
1938	0920
2019	0218
2053	0920
2219	0218
2220	0218
2228	0218
2233	0218
2236	0218
2238	0218
2633	0218
2636	0218
2638	0218
3231	0920
3235	0920
3240	0920
3243	0920
3333	0218
3335	0920
3353	0920
3357	0920
4148	0920
0302-0352 Otobus	0417
10 DA, 15 DA, 22 DA, 30 SA, 180DB, 190DB, L319D, L405	0028
1017, 1414, 1417, 1614, 1617, L911, L1017, L1113, L1513, L613, L911, L1113, L1313, U1000, U1200, U1300, U1450	0367
1017AF, 1017F	0367
108B, 190B	0015
1113B	0367
6 T 608	1073
7 T 709	1073
8 T 808, 809, 813	1073
9 T 911, 913	1073
10 T 1013, 1013A, 1013S, 1017, LP1013, LPK1013	1073
11 T L1113B, LKO1113B, LP1113, LPK1113, LPS1113B, OF1113	1073
12 T 1213, 1217	1073
13 T 1313	1073
14 T 1413, 1417	1073
15T 1513	1073
16 T 1613, 1617	1073
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1215C	1038
1217AF	0367
1350, 1250, 1450, 1550, 1650, 1700, 1750, 2100, 2150	1073
1425, 1425 S	0218
632L, 1632LS, 1634LS, 1938L, 1938LS, 1938S, 1944L, 2638, 2638LK, 2638LS, OF 1722, OH 1628L, Plataformas O 400RSD e SRE de junho de 2002 a setembro 2004. O 500R, RSD e RSE. Demais aplicações com Turbo Brake, exceto Plataforma O 400 mecânico, a partir de setembro de 2004.	1205
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▶ 180 D Furgão, Pick-up	0796
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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
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1928, 1928L, 1933, 1933L	0920
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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
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200, 208, 220, 280, 308, 350, 380, 450, 500	0108
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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
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2225, 2225B	0218
2531, 2531L	0920
2535L	0920
2536A	0920
2540, 2540L	0920
2543, 2543L	0920
2548, 2548L	0920
2553, 2553L	0920
2557L	0920
2624A	0218
2628, 2628A, 2628B	0218
2631, 2631L	0920
2635, 2635L	0920
2636A	0920
2638S	0920
2640, 2640L	0920
2643, 2643L	0920

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▶ 2648, 2648L	0920
2653, 2653L	0920
2657, 2657L	0920
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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
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508DG	0367
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613D	0367
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712 C	1038
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915 c Accelo	0985
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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
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C250 diesel Turbo, 2.5, 110KW, a partir de 09/95	1057
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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
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► Caminhão c/ motor O321H2, O321H, 321 após 12/73	0025
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Caminhão/Ônibus 1519, 1524, 1525, 1924, 1924A, 1929, 1932, 1933, 1934, 2019, 2219, 2220, 2624A, 1419, 1420, 1517, 1518	0122 0133
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Caminhão/Ônibus c/ motor OM904, OM906, OM924, OM926, eletrônicos c/ partida Delco Remy 28MT (09/17 ton.)	0985
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Caminhões e Tratores	0378
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CLK 230 - Kompressor	1619
CLK 320 Coupe	0976
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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
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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
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E500, E500 Coupe	0630
E500 SEC, E500 SEC Coupe, S500	0630
E560 SEL	0630
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L1113	0497
L1116	0497

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L1316	0497
L1317	0497
L1418	1038
L1516	0497
L1618 M	1038
L1622	1038
L1625	0622
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L207, L307	0361
L2325, LB2325, LK2325	0622
L2423	1038
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L508D, L608D	1073
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LP1013	0367
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Motor Estacionário, Gerador, Industrial e Marítimo OM314, OM352, OM352A O370 (OM355-5, 6, 6A, 6LA), O371 (OM355-5A, 6A, 6LA), O371UP (OM355-5)	0122 0133 0218
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Motor OM321 Marítimo 1959 ED	0034
Motor OM324 Marítimo 1961 ED	0034
Motor OM326 Marítimo 1963	0034
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O303	0218
O305, O305G	0218
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0365	0218
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OM 352, OM 366	0105
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Ônibus LO812, 0364, 0365, 0366, 0371U	1364
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Ônibus 0355, 0364, 0365, 0370, 0371, 0371UP	0122
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S320 CDI	1629
S420	0630
S500	0630
Série 9 T-917 OM 366 A 01/1988 JF 12V	1690
Série 11 T L 1113 OM 352 01/1974 JF 12V	1691
Série 11 T L 1116 OM 352 A 08/1978 JF 12V	1691
Série 11 T L 1117 e LA 1117 OM 352 A 08/1983 JF 12V	1691
Série 11 T L 1117 OM 366 A 01/1987 JF 12V	1691
Série 11 T L 1113 OM 352 A 05/1983 JF 12V	1691
Série 12 T L 1319 OM 366 LA 01/1988 JF 12V	1691
Série 13 T L 1316 OM 352 A 06/1982, I 1317 OM 352 A 03/1983 ambos JF 12V	1691
Série 13 T L 1319 OM 366 LA 01/1987 JF 12V	1691
Série 14 T LP 1419 OM 366 LA 01/1988 JF 12V	1691
Série 15 T L 1516 OM 352 A 06/1982 JF 12V	1691
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Sprinter 210 diesel, 2.9, 75KW, a partir de 01/97	1057
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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

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► Sprinter c/ partida Bosch	0796 0861
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Turbo YM	0406
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U1013	0367
U1200	0367
U1213	0367
U1300	0367
U1413	0367
U1500	0367
U1613	0367
U1700	0367
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Unimong U650	1180
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Cougar LS 1990 V6 3.8 gas.	1192 1224
Cougar LS 1991 V6 3.8 gas.	1192 1224
Cougar LS 1992 V6 3.8 gas.	1192 1224
Cougar XR-7 1989 V6 3.8 gas.	1192 1224
Cougar XR-7 1990 V6 3.8 gas.	1192 1224
Cougar XR-7 1993 V6 3.8 gas.	1192 1224
Cougar XR-7 1994 V6 3.8 gas.	1192 1224
Cougar XR-7 1994 V8 4.6 gas.	1199 1226
Cougar XR-7 1995 V6 3.8 gas.	1192 1224
Cougar XR-7 1995 V8 4.6 gas.	1199 1226
Cougar XR-7 1996 V6 3.8 gas.	1192 1224

Mercury	N° ZEN
▶ Cougar XR-7 1996 V8 4.6 gas.	1199 1226
Lynx XR3 1986 L4 1.9 gas.	0455
Lynx XR3 1987 L4 1.9 gas.	0455
Mariner 2.3L (140) L4 2005-2006	1585
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Canter 2000	9791
Canter L 300	0352
Carisma	0450
Celeste	0144 0352 0450
Celeste 1.6 c/ motor 4G5	0144
Celeste c/ motor GP 25, 30 todos c/ partida Mitsubishi MD	0450
Cherokee	0597
Colt	0144 0450
Colt 1.2 c/ motor 4G5, Colt Galant 1.8, 2.0 c/ motor 4G5	0144
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Eclipse, Eclipse 2.0 T	0595
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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
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Lancer	0144

Mitsubishi	N° ZEN
▶ Lancer 1.2, 1.3, 1.5, 1.8	0450
Lancer Galant c/ motor 4G5	0144
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Mitsubishi Canter	12658 12659 15658 15659
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Sapporo c/ motor GP 25, 30 todos c/ partida Mitsubishi MD	0450
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Trator	0144
Tredia	0352 0450
Tredia 2.0	0144 0595
Tredia c/ motor GP 25, 30 todos c/ partida Mitsubishi MD	0450
Caminhonete L200 2.5 D, 4WD	1024
Van L300 2.5 D, TD, 4X4	1024
Wheel Loader S4E	1046 12812
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Compactador c/ motor Cummins série C	1190

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► Müeller	1195
Trator RT 62H, RT 82H, VAP 55 (MWM 229.3) a partir de 01/95	0105
Trator TR 62, RT 82 (MWM 229.3) a partir de 01/81	0496
Muirhill	N° ZEN
Muirhill	0096
MUL	N° ZEN
800CC MPFI	1503
MWM	N° ZEN
D225, D226.2, D226.3, D327.2, D327.3	0366
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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
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Motor 6.07TCA (Ford F250 a partir de 03/99) c/ partida 0.001.003.010	1022
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Motor D225-6, D229-4, D229-6, TD229-6, todos a partir de 08/77	0105
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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
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MWM	1111
New Holland	N° ZEN
Colheitadeira/Combine/Cosechadora 1540, 1545, 1550	0150
	0155
Colheitadeira/Combine/Cosechadora FNH 8040 (MBB-OM352), FNH 8055 (MBB-OM352A)	0105
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M122, 133, 135, 140, 1520	0096
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	1038
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Trator Agrícola FNH 8430, DT8630, 8830, a partir de 04/94	0648
Trator c/ partida Lucas	0150
Trator Gamalta	0315
Trator TL 75E	1157
Nissan-Datsun	N° ZEN
100NX 2.0GTi, Almera 2.0 GTi, Primera 2.0 sta.car, Sunny 2.0	0711
120Y, 1200, 1300, 140Y, 160Y	0141
200 SX	1020
210 Deluxe 1980 L4 1.4 gas.	0349
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	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 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
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310 GX 1981 L4 1.5 gas.	0382
	0791

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▶ 310 GX 1982 L4 1.5 gas.	0517 0554
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▶ Lift Trucks AH H20 Engine	1592
Lift Trucks APH A15 Engine	1592 9495
Lift Trucks APH A20 Engine	9495
Lift Trucks ASH A15 Engine	1592 9495
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Nissan Pathfinder motor 3.0 V6 gasolina	0687
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Patrol 2.8, 4.0	0351
Patrol 3.3 D	0790
Patrol D	0580
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Pick-up Short Bed XE 1994 L4 2.4 gas.	0634
Pick-up XE 1994 L4 2.4 gas.	0634
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Prairie 1.8	0499
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Primera 2.0	0791 1200
Primera 2.0, Silvia 1.8, 310	9528
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SD33	0580
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Sentra Classic 1992 L4 1.6 gas.	0517
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Sentra GXE 1993 L4 1.6 gas.	0517
Sentra GXE 1994 L4 1.6 gas.	0517
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Stanza 4WD	0791
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Sunny 1.3, 1.4, 1.5, 1.6, 1.8	0517
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Sunny 120Y	0349
Sunny automáticos	0554
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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
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Alero 3.4I (207) V6 2001	10003
Bravada Regional 1998 V6 4.3 gas.	0756
Ciera Crusier SL 1995 V6 3.1 gas.	0612
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Ciera SL 1995 V6 3.1 gas.	0612
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► Ciera SL 1996 V6 3.1 gas.	0783
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Admiral 2.8	0108
Ascona	0013 0243
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Ascona 2.0 D	0320
Ascona A	0068 0080
Ascona B D, Rekord D/E D	0320
Ascona B, C	0108
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Ascona C	0482
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Astra 1.2 16V, 1.4 16V, 1.6 16V	1619
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► Kadett 1.0, 1.2	0325
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Rekord E D, TD	0573
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Senator	0108
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Vectra B 1.8i 16V	0976
Vectra B Coda Spiovente 1.8i 16V	0976
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Camion	0378 0392

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

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

Peugeot	Nº ZEN
▶ 405 MI16 1989 L4 1.9 gas.	0287 0482
405 MI16 1990 L4 1.9 gas.	0287 0482
405 MI16 1991 L4 1.9 gas.	0287 0482
405 S 1989 L4 1.9 gas.	0287 0482
405 S 1990 L4 1.9 gas.	0287 0482
405 S 1991 L4 1.9 gas.	0287 0482
405 XU7 4 cil. 1.6/ XUD9 4 cil. 1.9 diesel	0915
406 1.6, 1.8, 2.0 16V	0787
406, 605, 607, 807	1643
504 2.1, 2.3 diesel	0961
504, 505 diesel	0215
504 D, 505 D, 604 TD	0461
504 D, 505 D, 604 TD, J7 D, J9 D	0216
504 D, 505 D, TD, 605 D, TD, J9 D	0530
504, 505 (XD2 Engine)	0983
504, 505 c/ motor diesel XD2	0983
504, 505 diesel c/ motor XT2 e partida Lucas Indiel	0868
504, 505 motor 2000	0741
504 D, 505 D Turbo, 604 D Turbo	0365
505 1.6, 1.8, 2.0, 2.3 D, 604 D, J9 D	0961
505 1.6, 1.8, 2.0, 2.3 diesel, 2.5 diesel	0961
505 DL 1988 L4 2.2 gas.	0287
505 DL 1989 L4 2.2 gas.	0287
505 GLS 1988 L4 2.2 gas.	0287
505 GLS 1988 V6 2.8 gas.	0108
505 GLX 1988 V6 2.8 gas.	0108
505 S 1988 L4 2.2 gas.	0287
505 S 1989 L4 2.2 gas.	0287
505 S 1989 V6 2.8 gas.	0108
505 STI 1987 V6 2.8 gas.	0108
505 STI 1988 L4 2.2 gas.	0287
505 STX 1987 V6 2.8 gas.	0108
505 STX 1988 V6 2.8 gas.	0108
505 STX 1989 V6 2.8 gas.	0108
505 SW8 1989 L4 2.2 gas.	0287
505 SW8 1990 L4 2.2 gas.	0287
505 Turbo 1989 L4 2.2 gas.	0287
505, 505 Inj.	0404
604 D, 405, 504, 505	0936
605 TD	1072
Boxer	0573 0806 0976 1642
Boxer 2.0	1037
Boxer 2.5, TD	1072
Boxer 2.8 HDI	1022 1650
Boxer Autobus 2.0 4x4	0976
Boxer Furgonato 2.0	0976
Boxer c/ motor 2.2 HDI ano 2006 em diante	1642
Boxer motor 2.5 TDI 1994 - 2002	1643
Boxer Pianale Piatto, Autotelaio 2.0	0976
Boxer XUD9 4 cil. 1.9 diesel	0915

Peugeot	Nº ZEN
▶ Expert	0806
Expert 1.8	1037
J9	0961
J9D (Karsan)	1161
Jeep	1508
Partner	1023
Partner 1.8,/ 306 1.8/2.0, 405 1.6 GL, 405 1.8i, 405 1.9 GR, SRi, 405 2.0i,/ 406 1.6/1.8 16V/2.0 16V/2.0 Turbo/ 605 2.0, 806 2.0, 806 2.0 turbo	1037
Partner Furgonato 1.1, 1.4	0976
Partner Van, Limousine	0976
Partner XU7 4 cil. 1.6	0915
Peugeot	0189 0404 0462 0574 0647 1056
Peugeot 504 diesel c/ motor XD2 a partir de 95	0771
Peugeot 504 diesel c/ motor XT2 e partida Lucas Indiel	0868
Peugeot Boxer	1025
Peugeot todos c/ motor Indenor XD4. 88	0160
Pick-up 504 diesel 1.3 ton.	0459
Piaggio	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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

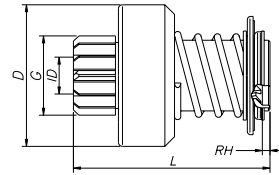


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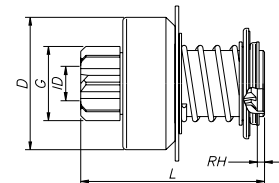
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LARGO	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO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

Familia/Familia/Family 001



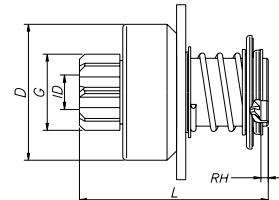
	T	G	L	SPL	ID	D	RH	CW/CCW
0068	9	25.8	64	10	12	46.5	2.5	CW
0323	9	25.816	62	10	11	46.5	3	CCW

Familia/Familia/Family 002



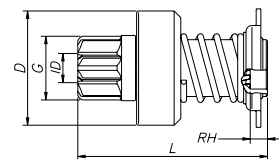
	T	G	L	SPL	ID	D	RH	CW/CCW
0221	9	25.8	64	10	12	46.5	2.5	CW

Familia/Familia/Family 003



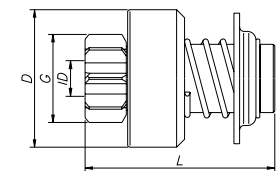
	T	G	L	SPL	ID	D	RH	CW/CCW
0135	9	25.8	77	12	12	46.5	7	CW
0905	10	27.94	77	12	12	46.5	7	CW

Familia/Familia/Family 004



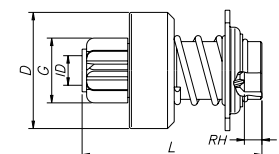
	T	G	L	SPL	ID	D	RH	CW/CCW
0162	9	29.64	64	9	12.1	46.5	-	CW
0238	9	25.8	64	9	12.1	46.5	-	CW
0445	9	25.8	61.5	9	12.1	46.5	-	CW

Familia/Familia/Family 005



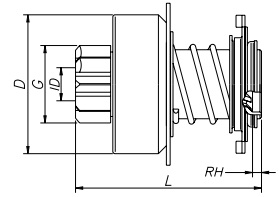
	T	G	L	SPL	ID	D	RH	CW/CCW
0053	9	25.8	71.8	12	12	46.5	7	CW
0205	9	25.8	62	12	12	46.5	7	CW
0455	10	27.94	71.8	12	12	46.5	7	CW
0681	9	29.64	70	12	12	46.5	7	CW

Familia/Familia/Family 006



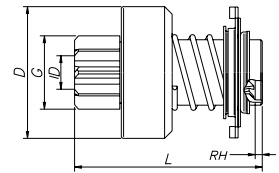
NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA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

Familia/Familia/Family 007



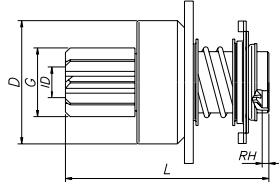
	T	G	L	SPL	ID	D	RH	CW/CCW
0163	9	34.4	64	10	12	46.5	2.5	CW
0653	9	25.8	64	10	12	46.5	2.5	CW
0673	11	34.4	64	10	12	46.5	2.5	CW

Familia/Familia/Family 008



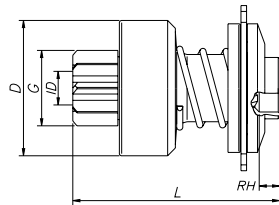
	T	G	L	SPL	ID	D	RH	CW/CCW
0115	9	25.8	66	10	12	46.5	2.5	CW
0139	9	25.8	64	10	12	46.5	2.5	CW
0300	9	29.64	64	10	12	46.5	2.5	CW
0674	9	25.8	66	10	12	46.5	2.5	CW
0676	9	25.8	74	10	12	46.5	2.5	CW

Familia/Familia/Family 009



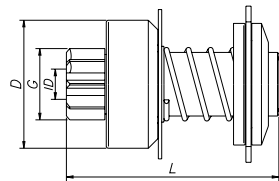
	T	G	L	SPL	ID	D	RH	CW/CCW
0120	9	25.8	70.8	6	11.5	46.5	7	CW
0213	11	29.5	68	6	14	46.5	-	CW
0389	11	29.5	70.8	6	11.5	46.5	7	CW
0397	9	29.64	70.8	6	11.5	46.5	7	CW
0408	9	25.8	69	6	11.5	46.5	5	CW
0443	9	25.8	62.5	6	12	46.5	3	CW
0671	8	28.2	71	6	11.5	46.5	7	CW
0714	9	29.64	70.8	6	12	46.5	7	CW
0731	9	25.8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

Familia/Familia/Family 010



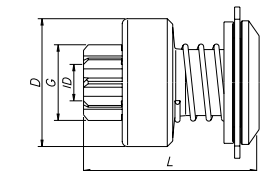
	T	G	L	SPL	ID	D	RH	CW/CCW
0540	11	29.5	66.5	6	14	46.5	-	CCW
0605	9	25.8	77	6	11	46.5	3	CCW

Familia/Familia/Family 011

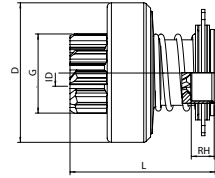


	T	G	L	SPL	ID	D	RH	CW/CCW
0608	9	35.5	81.5	6	17	60	4	CW

Familia/Familia/Family 012

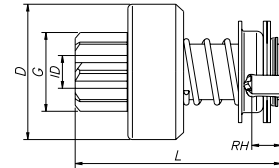


NÚMERO ZEN NUMBER ZEN NUMBER	Nº DE DIENTES # OF TEETH # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D. (mm)	COMPRIMENTO TOTAL LARGO LENGTH (mm)	Nº DE ESTRIAS # OF STRIPES # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D. (mm)	DIÁMETRO DA CAPA DIMENSION EXTERNA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



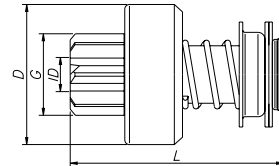
Familia/Familia/Family 013

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



Familia/Familia/Family 014

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



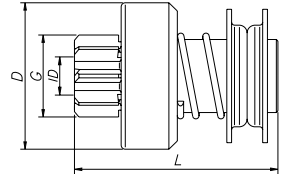
Familia/Familia/Family 015

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

Cont. Familia/Familia/Family 015

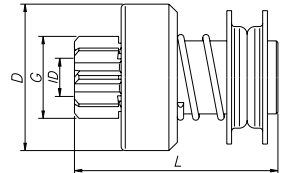
	T	G	L	SPL	ID	D	RH	CW/CCW
0216	9	36.5	76	12	14	54.5	-	CW
0245	9	25.8	59.5	9	12	46.5	-	CCW
0530	10	27.94	76	12	12	54.5	-	CW

Familia/Familia/Family 016



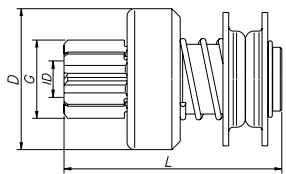
	T	G	L	SPL	ID	D	RH	CW/CCW
0081	9	29.64	68.5	3	12	46.5	-	CW
0104	9	25.8	72	6	12	46.5	-	CW
0114	12	46.3	108	6	14.3	60	-	CW
0126	9	25.8	72	6	12	46.5	-	CW
0158	9	25.8	70	9	12	46.5	-	CW
0192	9	25.816	64	3	11	46.5	-	CCW
0215	9	29.64	76	12	14	54.5	-	CW
0217	9	29.64	76	6	14	54.5	-	CW
0293	9	25.8	64	6	12	46.5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

Familia/Familia/Family 017



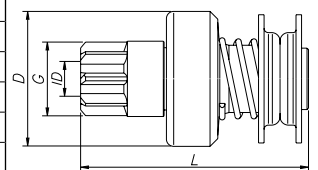
	T	G	L	SPL	ID	D	RH	CW/CCW
0189	9	25.8	68	9	12	46.5	-	CW
0244	9	25.8	61.5	9	12	46.5	-	CW
1302	9	25.8	58.5	9	12	46.5	-	CCW

Familia/Familia/Family 018

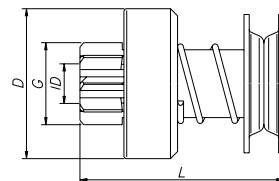


	T	G	L	SPL	ID	D	RH	CW/CCW
0461	10	27.2	78.5	9	12	46.5	-	CW

Familia/Familia/Family 019

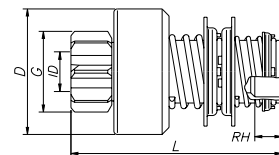


NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF P/INION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO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



Familia/Familia/Family **020**

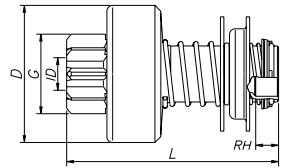
	T	G	L	SPL	ID	D	RH	CW/CCW
0015	9	29.64	77.5	3	14.3	46.5	10	CW
0028	9	34.8	90	3	14.3	54.5	10	CW
0034	9	34.8	91	3	14.3	60	13	CW
0043	10	40	87	3	14.3	60	10	CW
0044	9	25.8	78	3	12	46.5	10	CW
0046	9	25.8	90.0	3	12	46.5	10	CW
0059	11	41	92	3	14.3	60	10	CW
0060	10	40	91.5	3	14.3	60	10	CW
0061	13	46	92	3	14.3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



Familia/Familia/Family **021**

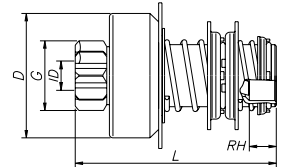
NÚMERO ZEN NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑÓN # OF PINION TEETH	DIÁMETRO EXTERNO PINÓN - DIMENSIÓN EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINÓN - DIMENSIÓN INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSIÓN EXTERNA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

Familia/Familia/Family 022



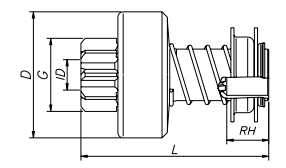
	T	G	L	SPL	ID	D	RH	CW/CCW
0006	9	29.64	74.5	3	14.3	46.5	10	CCW
0191	9	25.816	74.5	3	11	46.5	10	CCW

Familia/Familia/Family 023



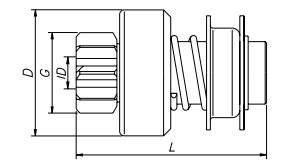
	T	G	L	SPL	ID	D	RH	CW/CCW
0440	9	34.8	95	10	15	60	7	CW
0769	9	25.8	65.5	6	11.5	40	10.5	CCW

Familia/Familia/Family 025



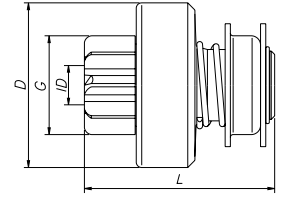
	T	G	L	SPL	ID	D	RH	CW/CCW
0141	9	29.64	62	10	13	46.5	-	CW
0160	9	29.64	74	9	12.1	46.5	-	CW
0161	9	25.8	74	3	12.1	46.5	-	CW
0183	9	25.8	60	9	12	46.5	-	CW
0744	8	27	64	2	12	40	-	CW
0768	9	25.8	62.5	2	11.5	40	-	CCW
1056	9	25.8	65	12	11.5	45.5	-	CW
1588	9	25.8	65	12	11.5	45.5	-	CCW

Familia/Familia/Family 026



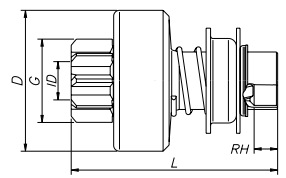
	T	G	L	SPL	ID	D	RH	CW/CCW
0376	9	33	69	12	14	60	-	CW
0448	9	36	69	12	14	60	-	CW
0539	10	39.5	69	12	14	60	-	CW
0561	9	34.8	77	6	14	60	-	CW
0580	11	40.5	69	12	14	60	-	CW
0684	9	34.8	69	12	14	60	-	CW
0785	15	44.5	69	12	14	60	-	CW
0901	11	40.5	77	12	16	60	-	CW
1073	9	34.8	83	10	14.3	60	-	CW
1600	10	40	82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

Familia/Familia/Family 027



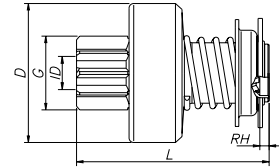
	T	G	L	SPL	ID	D	RH	CW/CCW
0953	9	35.5	88	3	16.1	60	10	CW

Familia/Familia/Family 028



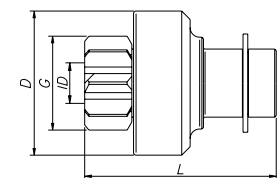
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONG	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBAJO HEIGHT OF RABBIT	SENTIDO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

Familia/Familia/Family 029



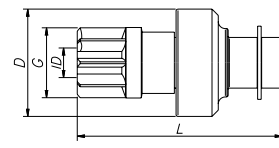
T	G	L	SPL	ID	D	RH	CW/CCW	
0144	9	29.64	60.5	8	12.8	45.5	-	CW
0352	8	28.2	60.5	8	12.8	45.5	-	CW
0426	11	34.8	60.5	8	12.8	45.5	-	CW
0427	10	40	60.5	8	12.8	45.5	-	CCW

Familia/Familia/Family 030



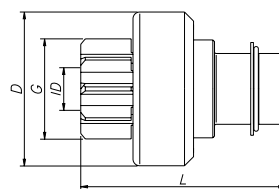
T	G	L	SPL	ID	D	RH	CW/CCW	
0577	9	29.64	73.5	8	12.8	45.5	-	CW

Familia/Familia/Family 031



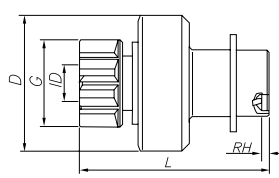
T	G	L	SPL	ID	D	RH	CW/CCW	
0340	9	29.64	60.5	8	12.8	45.5	-	CW

Familia/Familia/Family 032



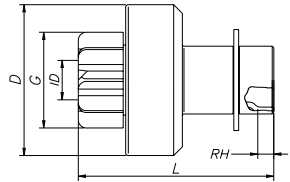
T	G	L	SPL	ID	D	RH	CW/CCW	
0554	9	29.5	65	10	12.5	46.5	2.5	CW

Familia/Familia/Family 033



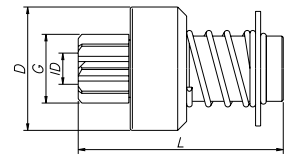
NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH (mm)	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D. (mm)	PROFUNDIDADE DO REBAIXO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

Familia/Familia/Family 034



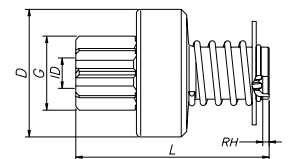
	T	G	L	SPL	ID	D	RH	CW/CCW
0054	9	25.8	77	3	12	46.5	-	CW
0102	10	40	95	3	15	60	-	CW
0441	9	34.8	95	3	15	60	-	CW
0459	10	27.5	80	3	14	60	-	CW
0492	10	32	95	3	15	60	-	CW
0704	9	25.8	77	3	12	46.2	7	CW
0705	10	33	77	3	12	46.5	7	CW
0720	9	29.64	80	3	14	60	-	CW
0771	10	27.5	67.5	3	14	60	-	CW
0772	9	34.8	75.5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

Familia/Familia/Family 035



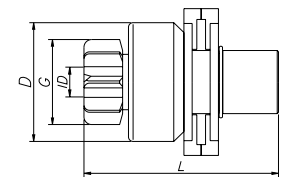
	T	G	L	SPL	ID	D	RH	CW/CCW
0438	9	34.8	91	10	15	60	3	CW
0439	10	40	91	10	15	60	3	CW
0603	9	34.8	91	10	15	60	3	CW

Familia/Familia/Family 036



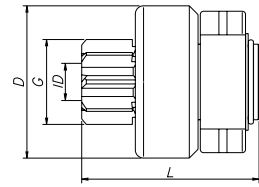
	T	G	L	SPL	ID	D	RH	CW/CCW
0049	12	37.6	75.5	6	12	46.5	-	CW
0050	10	33	75.5	6	12	46.5	-	CW
0495	10	33	75.5	6	12	46.5	-	CW
0609	9	29.64	74.5	6	12	46.5	3	CW

Familia/Familia/Family 037



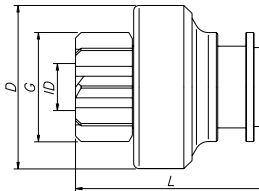
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONG	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO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

Familia/Familia/Family **038**



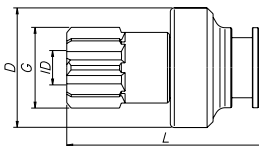
	T	G	L	SPL	ID	D	RH	CW/CCW
0064	10	40	70	3	17	60	-	CW
0067	10	40	73	3	17	60	-	CW
0096	10	40	70	12	17	60	-	CW
0134	13	46	73	12	17	60	-	CW
0150	10	40	73	12	17	60	-	CW
0155	10	40	73	12	17	60	-	CW
0322	10	40	70	3	17	60	-	CW
0398	13	46	70	12	17	60	-	CW
0411	11	39.5	73	12	17	60	-	CW
0449	9	36.5	73	12	14.3	60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

Familia/Familia/Family **039**



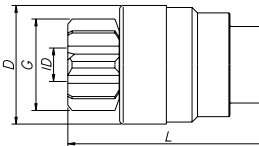
	T	G	L	SPL	ID	D	RH	CW/CCW
0286	10	40	100	12	17	60	-	CW
0485	11	41	100	12	17	60	-	CW
0486	10	40	100	12	17	60	-	CW
0506	10	40	100	3	17	60	-	CW
0509	10	40	100	3	17	60	-	CW
0557	11	41	100	12	17	60	-	CW
0591	10	32	100	12	14.3	60	-	CW
1502	11	41	95.5	12	14.26	60	-	CW

Familia/Familia/Family **040**



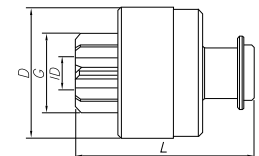
	T	G	L	SPL	ID	D	RH	CW/CCW
0434	10	40	102	4	17	60	-	CW
0607	12	46.3	102	4	17	60	-	CW
0813	10	40	108.5	4	17	60	-	CW
0948	10	40	104	18	17	60	4	CW
0967	11	56.7	119	18	17	60	4	CW

Familia/Familia/Family **041**



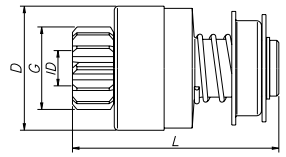
	T	G	L	SPL	ID	D	RH	CW/CCW
1656	9	36.3	37.5	6	13.1	39.5	-	CW
1669	8	27	36.8	6	12.2	40.7	-	CCW
1670	9	29.3	37.5	6	12.2	39.5	-	CCW
1673	10	32.1	37.5	6	13.05	39.5	-	CCW

Familia/Familia/Family **042**



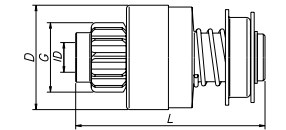
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION- DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINION- DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE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

Familia/Familia/Family 043



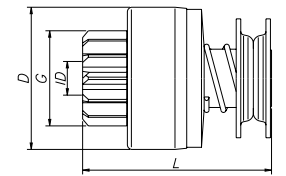
	T	G	L	SPL	ID	D	RH	CW/CCW
0669	13	40	109	10	17	60	-	CW

Familia/Familia/Family 044



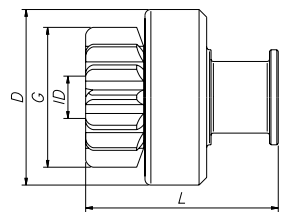
	T	G	L	SPL	ID	D	RH	CW/CCW
0566	12	46.3	96	3	14.3	60	-	CW
0567	9	29.64	96	3	14.3	60	-	CW
0568	10	40	96	3	14.3	60	-	CW
0624	12	46.3	98.5	3	14.3	60	2	CW
0625	10	39.5	98.5	3	14.3	60	2	CW
0924	13	47	96	3	14.3	60	-	CCW

Familia/Familia/Family 045



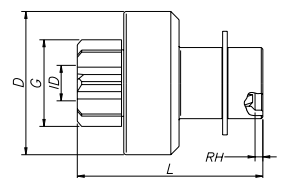
	T	G	L	SPL	ID	D	RH	CW/CCW
1090	10	32.1	80	10	14	60	-	CW
1091	10	37.8	80	10	14	60	-	CW
1092	10	37.8	80.5	6	15	60	2	CW
1098	11	40	75	16	17.03	60	3.4	CW
1523	12	46.3	78.5	6	15	60	2	CW
1595	10	40	80	6	15	60	-	CW
1596	9	34.8	80	10	14.01	60	-	CW
1602	10	39.5	60.5	10	14.06	60	-	CW
1603	12	46.3	76	6	15	60	-	CW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

Familia/Familia/Family 046



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

Familia/Familia/Family 047

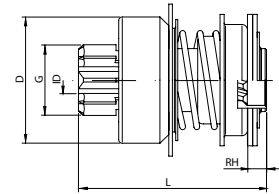


NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMIENTO TOTAL LONGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO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

Cont. Familia/Familia/Family 047

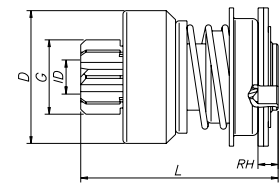
	T	G	L	SPL	ID	D	RH	CW/CCW
0131	9	25.816	66.5	10	11	46.5	7	CCW

Familia/Familia/Family 048



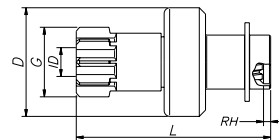
	T	G	L	SPL	ID	D	RH	CW/CCW
0080	9	25.8	68.5	10	12	46.5	7	CW
0223	9	29.64	68.5	10	12	46.5	7	CW
0362	10	26.82	68.5	10	12	46.5	7	CW

Familia/Familia/Family 049



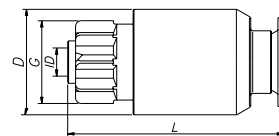
	T	G	L	SPL	ID	D	RH	CW/CCW
0140	9	29.64	82	10	12.5	46.5	2.5	CW
0327	9	29.64	86	10	12.5	46.5	7	CW
0339	9	25.8	82	10	12.5	46.5	2.5	CW
0341	9	29.64	86	10	12.5	46.5	7	CCW
0342	8	27.6	86	10	12.5	46.5	7	CCW
0343	9	34.8	82	10	12.5	46.5	2.5	CW
0353	9	29.64	82	10	12.5	46.5	-	CW
0498	8	28.2	82	10	12.5	46.5	2.5	CW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

Familia/Familia/Family 050



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

Familia/Familia/Family 051

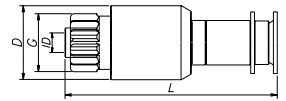


NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA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

Cont. Família/Familia/Family 051

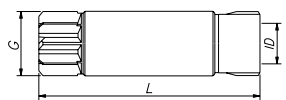
	T	G	L	SPL	ID	D	RH	CW/CCW
0555	12	46.3	170	19	15.9	-	-	-
0556	11	56.7	170	19	15.9	-	-	-

Família/Familia/Family 052



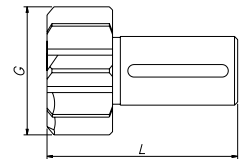
	T	G	L	SPL	ID	D	RH	CW/CCW
0035	9							
0036	11							
0037	13							

Família/Familia/Family 053



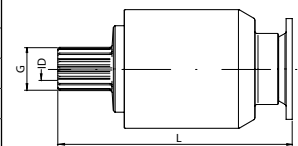
	T	G	L	SPL	ID	D	RH	CW/CCW
0078	13	47	61.1	-	-	-	-	CW
0087	11	41	61.1	-	-	-	-	CW
0088	11	56	61.1	-	-	-	-	CW
0089	12	46.3	61.1	-	-	-	-	CW
0218	9	34.8	61.1	-	-	-	-	CW
1111	9	34.8	45	-	-	-	-	CW
1181	11	42.4	61.1	-	-	-	-	CW

Família/Familia/Family 054



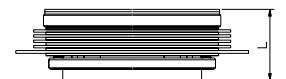
	T	G	L	SPL	ID	D	RH	CW/CCW
1214	16	21.36	114	19	12	-	-	CW

Família/Familia/Family 055



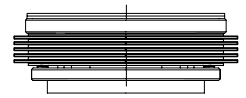
	T	G	L	SPL	ID	D	RH	CW/CCW
0204	-	-	-	-	-	-	-	-

Família/Familia/Family 056

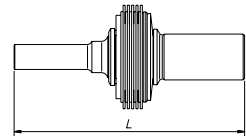


	T	G	L	SPL	ID	D	RH	CW/CCW
0121	-	-	-	-	-	-	-	-

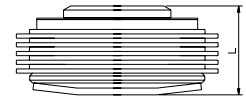
Família/Familia/Family 057



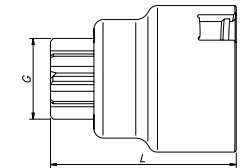
NÚMERO ZEN NUMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑON # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION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



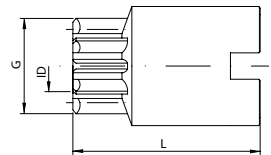
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0122	-	-	-	-	-	-	-	-	059



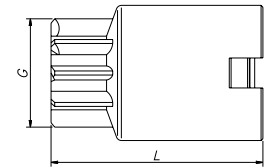
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0032	9	29.64	72	-	-	-	-	CCW	061
1216	9	29.64	66	-	-	-	-	CW	



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



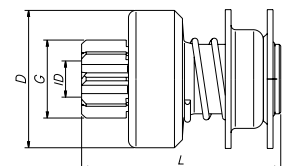
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0170	9	29.64	58	-	-	-	-	CCW	064
0280	10	29.6	58	-	-	-	-	CCW	



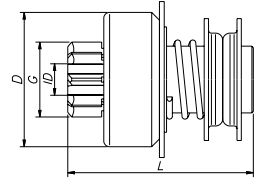
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0201	-	-	-	-	-	-	-	-	066



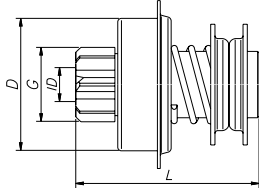
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0243	9	25.8	66	12	12	45.5	-	CW	067



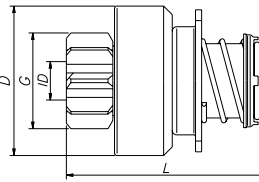
NÚMERO ZEN NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑÓN # OF PINION TEETH	DIÁMETRO EXTERNO PINÓN - DIMENSIÓN EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH (mm)	Nº DE ESTRIAS # DE ESTRIAS # OF SPLINES (mm)	DIÁMETRO DA BUCHA PINÓN - DIMENSIÓN INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSIÓN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



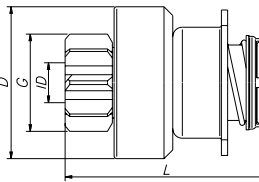
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	069
0329	9	25.8	64	6	12	46.5	-	CW	
0348	9	25.8	65	6	12	46.5	-	CW	



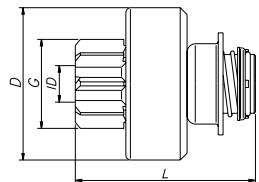
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	070
0351	9	29.64	62	10	12.5	46.5	-	CW	
0644	11	34.8	62	10	12.5	46.5	-	CW	
0691	15	44.5	62	10	12.5	54.5	-	CW	



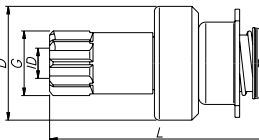
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	071
0349	9	29.64	62	10	12.5	46.5	-	CW	
0382	8	28	62	10	12.5	46.5	-	CW	



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

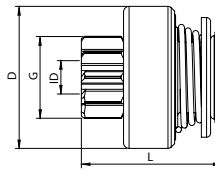


	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
	T	G	L	SPL	ID	D	RH	CW/CCW	073
0429	9	30	76.5	10	12.51	46.5	-	CW	
0537	9	25.8	76	10	12	46.5	-	CW	



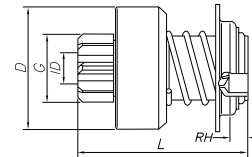
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LARGO	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO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

Familia/Familia/Family 074



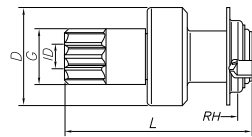
	T	G	L	SPL	ID	D	RH	CW/CCW
1666	9	25.8	47	11	10	46.6	-	CW
1674	8	23.5	-	-	-	10	6.6	-

Familia/Familia/Family 075



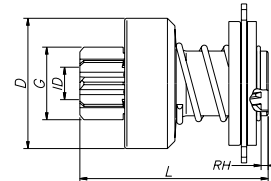
	T	G	L	SPL	ID	D	RH	CW/CCW
1658	19	20.8	128	-	-	-	-	-

Familia/Familia/Family 076



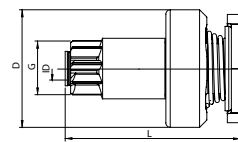
	T	G	L	SPL	ID	D	RH	CW/CCW
0394	11	29.5	65.5	10	11.5	46.5	2.5	CW
0395	9	25.8	65.5	10	12	46.5	2.5	CW

Familia/Familia/Family 078



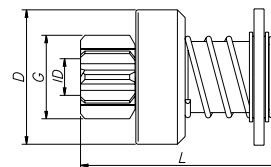
	T	G	L	SPL	ID	D	RH	CW/CCW
0932	9	25.8	80.5	16	11	54.5	-	CCW
0937	10	27.94	80.5	16	11	54.5	-	CCW
0972	9	25.7	90	16	11	54.5	-	CCW
1480	9	25.7	80.5	16	-	54.5	-	CW
1632	10	27.94	60	16	12	53.5	-	CCW
1655	10	27.94	103.5	16	12	54.5	-	CCW

Familia/Familia/Family 079



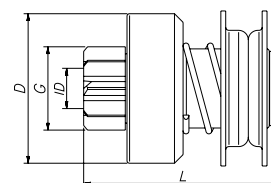
	T	G	L	SPL	ID	D	RH	CW/CCW
0451	9	25.8	62	6	11.5	41.5	7	CW
0453	8	27	60.5	6	12	41.5	-	CCW
0910	8	32.4	77.5	6	14.3	60	4	CW

Familia/Familia/Family 080



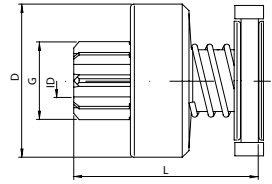
	T	G	L	SPL	ID	D	RH	CW/CCW
0404	9	25.8	61.5	11	13	46.5	-	CW

Familia/Familia/Family 081



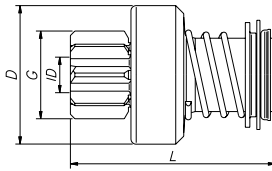
NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA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

Familia/Familia/Family 082



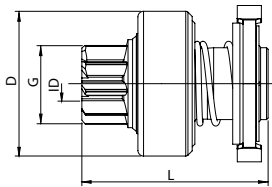
	T	G	L	SPL	ID	D	RH	CW/CCW
0409	9	29.3	68.5	12	12.1	46.5	-	CW
1188	9	29.3	68.5	12	12.1	46.5	-	CW
0412	9	29.3	75	12	12.1	46.5	-	CW
0414	10	32	75	12	12.1	46.5	-	CW

Familia/Familia/Family 083



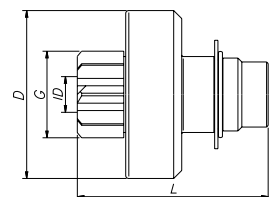
	T	G	L	SPL	ID	D	RH	CW/CCW
0641	9	25.9	58.5	10	11	46.5	-	CW
0745	9	25.8	53.5	10	12	46.5	-	CW
0797	9	25.8	55.5	10	12	46.5	-	CW
0837	9	25.8	58.5	10	12	46.5	-	CW
0846	11	29.5	58.5	10	12	46.5	-	CW
0855	11	29.5	55.5	10	12	46.5	-	CW
0919	9	25.8	58.5	10	12	46.5	-	CW
0942	9	25.8	62	10	12	46.5	-	CW
0989	9	25.8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

Familia/Familia/Family 084



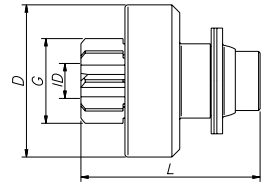
	T	G	L	SPL	ID	D	RH	CW/CCW
0646	10	27.94	61.5	9	12	54.5	-	CW
0656	12	31.8	61.5	9	12	54.5	-	CW
0657	9	37.1	61.5	9	12	54.5	-	CW
0747	10	27.94	51.5	9	12	46.5	-	CW
0775	9	25.8	51.5	9	12	46.5	-	CW
0908	8	28.2	48	9	12.1	46.5	-	CW
0916	9	36.5	61	10	12	60	-	CW
0917	9	29.64	48	9	12.1	46.5	-	CW
0918	8	27.6	48	9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

Familia/Familia/Family 085



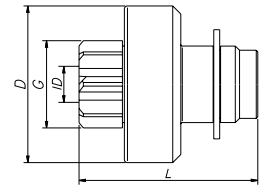
NÚMERO ZEN NUMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑON # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSIÓN EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSIÓN INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSIÓN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

Familia/Familia/Family 086



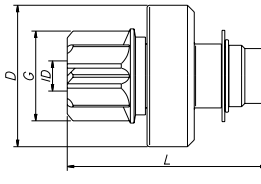
T	G	L	SPL	ID	D	RH	CW/CCW	
0935	11	29.5	55	9	12	46.5	-	CW
1187	9	25.8	55	9	12	46.5	-	CW

Familia/Familia/Family 087



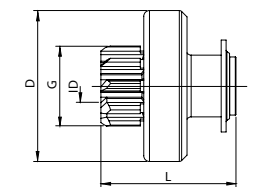
T	G	L	SPL	ID	D	RH	CW/CCW	
0647	11	34.4	76.5	9	12	54.5	-	CW

Familia/Familia/Family 088



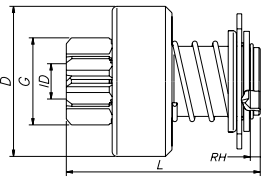
T	G	L	SPL	ID	D	RH	CW/CCW	
1533	9	24.5	41.15	10	11	46	-	CW
1686	9	24.5	41.15	4	10.12		-	-

Familia/Familia/Family 089



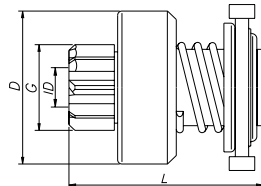
T	G	L	SPL	ID	D	RH	CW/CCW	
0407	9	34.8	77.5	6	14.3	60	4	CW
0601	9	34.8	77.5	6	14.3	60	-	CW
1161	11	30	77.5	6	14.3	60	-	CW
1678	10	40	81.8	10	14.3	60	-	CW

Familia/Familia/Family 091



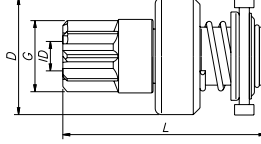
T	G	L	SPL	ID	D	RH	CW/CCW	
0406	9	25.8	64	10	11	46.5	-	CCW
0420	9	25.8	64	10	12	46.5	-	CW
0633	10	26.82	64	10	12	46.5	-	CW

Familia/Familia/Family 092



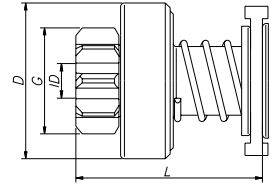
T	G	L	SPL	ID	D	RH	CW/CCW	
0428	9	25.8	85	10	12	46.5	-	CCW

Familia/Familia/Family 093

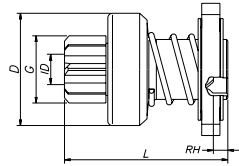


NÚMERO ZEN ZEN NUMBER	Nº DE DIENTES # DE LOS DIENTES DEL PIÑÓN # OF PINION TEETH	DIÁMETRO EXTERNO PINÓN- DIMENSIÓN EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINÓN- DIMENSIÓN INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSIÓN EXTERNA DRIVE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

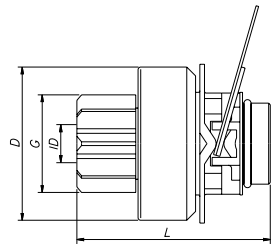
Familia/Familia/Family **094**



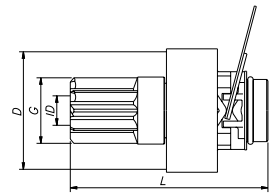
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA (mm)	COMPRIENTO TOTAL LARGO (mm)	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA (mm)	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D. (mm)	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT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



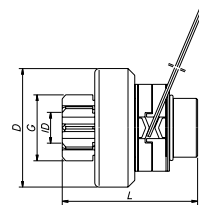
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0467	9	25.8	54.5	9	12.1	46.5	-	CW
0468	9	25.8	51.5	9	12.1	46.5	-	CW
0469	10	26.82	63.5	9	12	46.5	-	CW
0740	11	29.5	58.5	9	12	46.5	-	CW
0741	9	25.8	58	9	12	46.5	-	CW
0742	9	25.8	64	9	12	46.5	-	CW
0743	11	29.5	54.5	9	12.1	46.5	-	CW
0753	9	25.8	67.5	9	12.1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



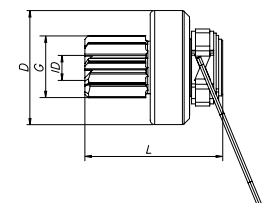
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0762	10	27.94	86.5	9	12.1	46.5	-	CCW



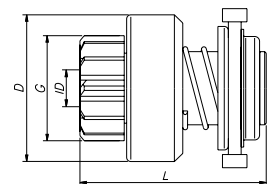
T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0574	9	25.8	53	9	12	46.5	-	CW
0820	10	26.82	50.5	9	12.1	46.5	-	CW
0821	10	26.82	44	9	12.1	46.5	-	CW
0822	10	26.82	56.5	9	12.1	46.5	-	CCW
0823	10	26.82	48	9	12.1	46.5	3	CW
1068	9	25.8	53	9	12.06	46.5	-	CCW



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



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

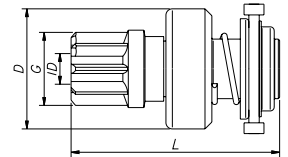


NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINÓN- DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINÓN- DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE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

Cont. Família/Familia/Family 100

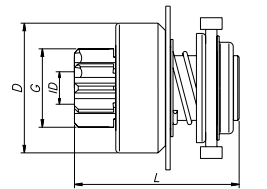
	T	G	L	SPL	ID	D	RH	CW/CCW
0613	9	25.8	79.5	10	12	46.5	-	CCW
0933	10	27.94	90	16	9	46.5	-	CCW
1011	8	27.2	69.5	10	12	46.5	-	CCW
1222	10	27.94	90	16	11	46.5	-	CCW
1177	9	25.8	90	16	11	47.4	-	CW
1468	9	25.8	90	16	11	46.5	-	CCW

Família/Familia/Family 101



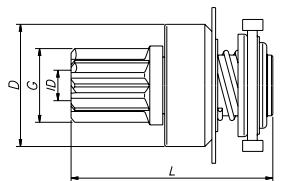
	T	G	L	SPL	ID	D	RH	CW/CCW
0579	9	25.8	58.5	10	12	46.5	-	CCW
0619	9	25.8	58.5	10	11	46.5	-	CCW
0799	9	25.8	55.5	10	12	46.5	-	CCW
0805	11	29.5	58.5	10	12	46.5	-	CCW
0866	9	25.8	59.5	10	12	46.5	-	CW

Família/Familia/Family 102



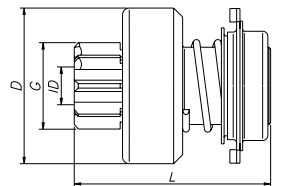
	T	G	L	SPL	ID	D	RH	CW/CCW
0639	10	27.94	79.5	10	12	54.5	-	CCW
0729	10	27.94	76.5	10	12	46.5	-	CCW
0851	10	27.94	86	10	12	54.5	-	CCW
0900	10	27.94	79.5	10	12	46.5	-	CCW

Família/Familia/Family 103



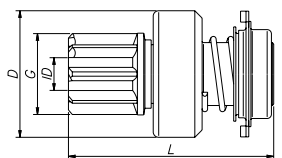
	T	G	L	SPL	ID	D	RH	CW/CCW
0702	9	25.8	58.5	10	11	46.5	-	CCW
0703	9	25.8	68	10	11	46.5	-	CCW

Família/Familia/Family 104



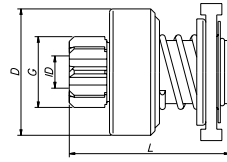
	T	G	L	SPL	ID	D	RH	CW/CCW
0701	9	29.6	75	10	12	46.5	-	CCW

Família/Familia/Family 105



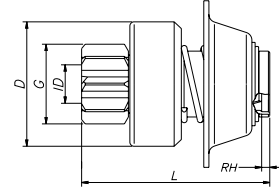
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONG	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBET	SENTIDO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

Familia/Familia/Family 106



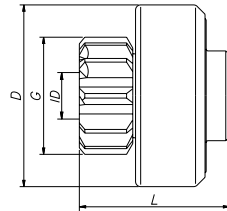
T	G	L	SPL	ID	D	RH	CW/CCW	
0533	9	29.64	70	6	14	46.5	3	CW
0713	9	29.64	70	3	14	46.5	-	CW

Familia/Familia/Family 107



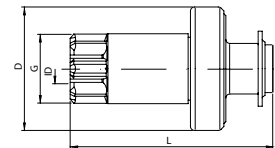
T	G	L	SPL	ID	D	RH	CW/CCW	
0536	9	30	39.5	6	12	46.5	1.8	CCW
0655	9	29.6	36.5	6	12.8	46.5	-	CCW
0708	10	32.18	36.5	6	11.96	46.5	-	CCW
0754	11	33.5	39.5	6	12	46.5	1.8	CCW
0773	9	29.64	34	6	12	46.5	-	CCW
0898	11	43.1	40.5	19	12	54.5	-	CW
1191	9	30	39.5	6	12	46.5	1.8	CCW
1218	8	28	34	6	12	46.5	-	CCW
1452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

Familia/Familia/Family 108



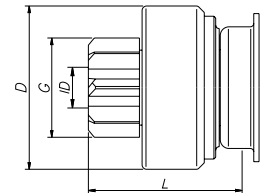
T	G	L	SPL	ID	D	RH	CW/CCW	
1534	9	25.8	75	10	10	46	-	CCW

Familia/Familia/Family 109



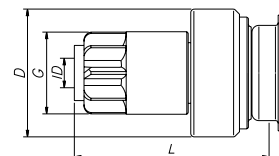
T	G	L	SPL	ID	D	RH	CW/CCW	
0595	8	28.2	44	8	12	46.5	-	CW
0617	9	30	51	8	12	46.5	-	CW
0679	8	28.2	58.5	8	12	46.5	-	CW
0711	8	28.2	76	8	12	46.5	-	CW
0801	10	33	51	8	12	46.5	-	CW
0825	10	27.94	51	8	12	46.5	-	CW
1538	10	33	57.5	8	12	46.5	-	CW

Familia/Familia/Family 110

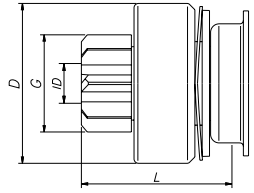


T	G	L	SPL	ID	D	RH	CW/CCW	
0712	9	29.64	77	8	10.7	46.5	-	CW
1592	9	29.64	68	8	10.69	46.5	-	CW
1680	10	27.94	75	8	10.69	46.5	-	CW

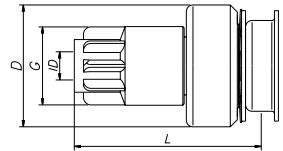
Familia/Familia/Family 111



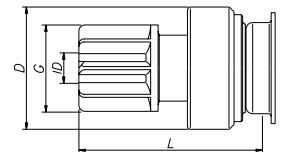
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PINION TEETH	DIÁMETRO EXTERNO PINION DIMENSION EXTERNA PINION O.D.	COMPRIENTO TOTAL LARGO LENGTH	Nº DE ESTRÍAS # OF SPLINES	DIÁMETRO DA BUCHA PINION DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE REBAIXO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



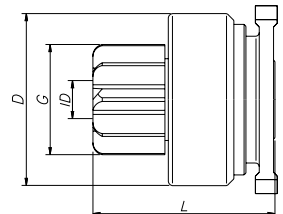
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0758	9	29.64	78.5	8	10.7	46.5	-	CW	113



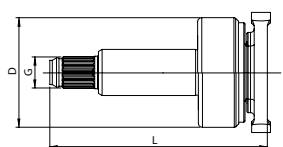
	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
1018	8	28.2	76	8	12	46.5	-	CCW	114
1019	30	-	93	8	10.74	46.5	-	CCW	
1687	30	-	93	8	10.74	46.5	-	CW	



	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
1192	10	27.94	47	12	12	46.5	2	CW	115
1224	10	27.94	46.6	12	12	45.3	1.85	CW	
1193	9	30	47	12	12	46.5	2	CW	
1225	9	30	46.5	12	12	46.5	1.85	CW	
1199	12	31.8	47	12	12	46.5	2	CW	
1226	12	31.8	46.5	12	12	46.5	1.85	CW	
1208	10	26.82	47	12	12	46.5	2	CW	
1228	10	26.82	46.5	12	12	45.3	1.85	CW	
0856	9	29.64	72.5	12	10.7	46.5	2	CW	
0890	23	54.4	46	12	12	45.3	1.85	CW	
0907	13	46	46	12	12.01	45.3	1.85	CW	
1217	9	37.18	46.6	12	12	48.7	1.8	CW	
1539	12	37.6	46.5	12	12	45.3	1.85	CCW	
1552	9	25.8	47	12	12	46.5	2	CW	
1553	11	30	47	12	12	46.5	2	CW	
1570	9	25.8	44.5	12	12	46.5	2	CW	
1575	10	33.02	44.5	12	12	46.5	2	CW	
1585	11	34.4	46.6	6	12.06	45.3	-	CW	
1612	11	34.4	44.5	12	12	46.5	2	CW	
1646	12	37.8	47	12	12	46.5	2	CW	
1677	-	-	89.8	6	-	45.3	-	CCW	

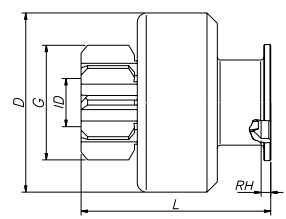


	T	G	L	SPL	ID	D	RH	CW/CCW	Familia/Familia/Family
0959	18	13.2	82	6	12	45.3	-	CW	116



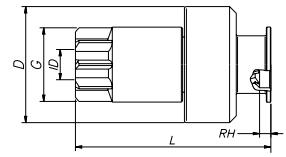
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LONGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBADO HEIGHT OF RABBIT	SENTIDO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

Familia/Familia/Family 117



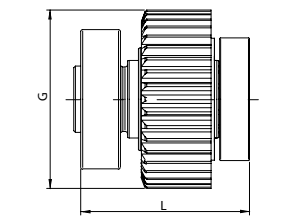
T	G	L	SPL	ID	D	RH	CW/CCW	
0687	9	29.64	78	5	12.5	46.5	4.5	CW
0828	9	29.64	66	5	12.5	46.5	-	CW
1016	8	28	75	10	12.5	46.5	7.5	CCW
1017	10	32.18	75	10	12.5	46.5	7.5	CCW

Familia/Familia/Family 118



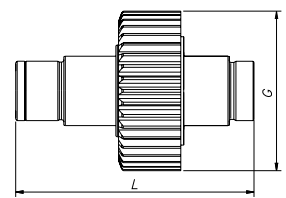
T	G	L	SPL	ID	D	RH	CW/CCW	
1473	-	-	80.5	-	-	-	-	-

Familia/Familia/Family 120



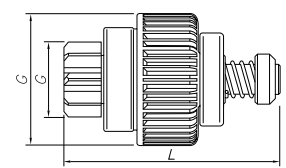
T	G	L	SPL	ID	D	RH	CW/CCW	
1211	-	-	80.5	-	-	-	-	CCW
1212	-	-	80.5	-	-	-	-	CCW
1213	-	-	52	-	-	-	-	CCW

Familia/Familia/Family 121



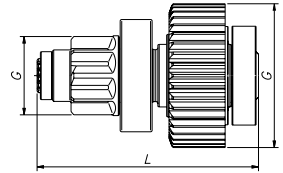
T	G	L	SPL	ID	D	RH	CW/CCW	
0737	9	-	87	-	-	-	-	CW
1200	-	-	50	-	-	-	-	CW
0790	9	-	87	-	-	-	-	CW
0791	8	-	87	-	-	-	-	CW
0792	9	-	87	-	-	-	-	CW
0793	8	-	94	-	-	-	-	CCW
1207	-	-	50	-	-	-	-	CCW
0844	9	-	87	-	-	-	-	CW
0892	9	-	78.5	-	-	-	-	CCW
1081	12	-	92.7	-	-	-	-	CW
1608	9	36	92	-	-	-	-	CW
1676	12	37.26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

Familia/Familia/Family 122



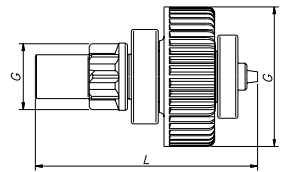
NÚMERO ZEN NUMBER ZEN	Nº DE DIENTES # OF PIGNON TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAIXO ALTURA DE RABBIT	SENTIDO DE ROTAÇÃO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

Familia/Familia/Family 124



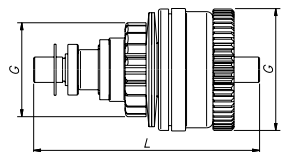
	T	G	L	SPL	ID	D	RH	CW/CCW
0815	9	-	99	-	-	-	-	CW
1548	9	-	95.7	-	-	-	-	CW

Familia/Familia/Family 125



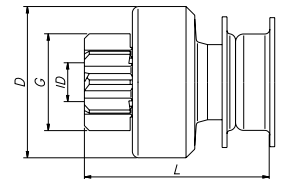
	T	G	L	SPL	ID	D	RH	CW/CCW
0749	19	-	107	-	-	-	-	CCW
0751	17	-	91.5	-	-	-	-	CCW
1036	23	-	107	-	-	-	-	CCW

Familia/Familia/Family 126



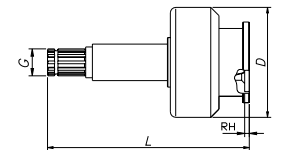
	T	G	L	SPL	ID	D	RH	CW/CCW
0896	9	29.64	53.5	12	12	46.5	-	CW
1088	11	29.5	56.5	12	12	46.5	-	CCW

Familia/Familia/Family 127



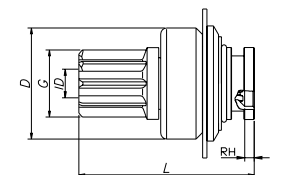
	T	G	L	SPL	ID	D	RH	CW/CCW
0887	20	14.7	110	5	-	60	-	CW
1563	20	14.7	91	5	12	54.5	5.5	CW
1647	17	13.9	-	-	-	12	0	-
1661	26	19.02	133.5	6	14.01	67.1	0	CW
1679	21	16.5	131.3	7	12	60	-	CW

Familia/Familia/Family 128



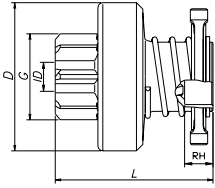
	T	G	L	SPL	ID	D	RH	CW/CCW
0860	10	27.94	73	9	12.1	46.5	4	CCW
1133	9	25.8	55	9	12.1	46.5	4	CW

Familia/Familia/Family 129



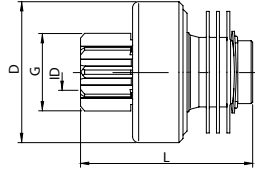
NÚMERO ZEN NUMBER ZEN	Nº DE DENTES # DE LOS DIENTES DEL PIÑÓN # OF PINION TEETH	DIÁMETRO EXTERNO PINION - DIMENSION EXTERNA PINION O.D.	COMPRIMENTO TOTAL LARGO LENGTH	Nº DE ESTRIAS # DE ESTRIAS # OF SPLINES	DIÁMETRO DA BUCHA PINION - DIMENSION INTERNA PINION I.D.	DIÁMETRO DA CAPA DIMENSION EXTERNA DRIVE O.D.	PROFUNDIDADE DO REBAMO ALTURA DEL REBALO HEIGHT OF RABBIT	SENTIDO DE ROTAÇÃO ROTACION ROTATION
	T	G	L	SPL	ID	D	RH	CW/CCW
1025	9	34.8	64.5	10	12.11	60	11.5	CW
1630	9	29	64	10	12	54.5	-	CW

Familia/Familia/Family 130



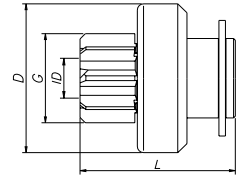
	T	G	L	SPL	ID	D	RH	CW/CCW
0926	9	25.8	56.5	12	12	46.5	3	CW

Familia/Familia/Family 131



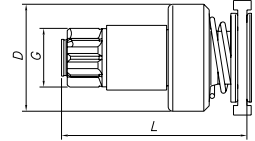
	T	G	L	SPL	ID	D	RH	CW/CCW
10003	9	25.82	47	6	12	46.5	-	CW
1048	8	28.2	45.5	6	12	46.5	-	CW
1082	12	31.8	47	6	12	46.5	-	CW
1614	10	27.5	47	6	12	46.5	-	CW

Familia/Familia/Family 132



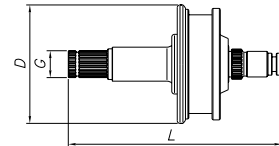
	T	G	L	SPL	ID	D	RH	CW/CCW
1069	10	27.94	81	16	11	46.5	-	CCW
1108	9	25.8	80.5	16	11	46.5	-	CCW
1551	8	28	97	16	14.24	46.5	-	CCW

Familia/Familia/Family 133



	T	G	L	SPL	ID	D	RH	CW/CCW
0957	20	-	116.8	-	-	-	-	CW
1043	18	-	109.8	-	-	-	-	CW
1046	20	-	126	-	-	-	-	CW
1047	20	-	119	-	-	-	-	CW
1577	19	-	116.8	-	-	-	-	CW
1667	19	14.65	-	-	-	13.3	-	-

Familia/Familia/Family 134





Ficha dos Produtos *Informaciones sobre el Producto* *Products Information*

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

0001



T9 | SPL6 | CW
Fam. 20

ORIGINAL

Wapsa: 224001

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0005



T9 | SPL6 | CW
Fam. 20

ORIGINAL

Wapsa: 224001

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0006



T9 | SPL3 | CCW
Fam. 23

ORIGINAL

Bosch: 9001082421
Lucas Indiel: 223101
Volkswagen: 111911335B

MOTOR

Bosch: 0001205005 - 0001205012 - 0001205016 - 9000082000

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0010



T9 | SPL6 | CW
Fam. 20

ORIGINAL

Bosch: 1987BE0125
General Motors: 07363070
Lester: 3639 - 3690 - 4238
Lucas: TDB070
Lucas Indiel: 221710
Remy: 7363070
Wapsa: 224034

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Pick-up C10, C14, C15 a partir de 64.
TCM Equipment Ag: GM - Pick-up C10,14, 15. Chevrolet Brasil a partir de 64.

0013

T9 | SPL3 | CW

Fam. 20

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0015

T9 | SPL3 | CW

Fam. 21

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0020

T9 | SPL3 | CW

Fam. 20

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0022

T9 | SPL6 | CW

Fam. 20

ORIGINAL

Lucas Indiel: 223140
Wapsa: 224002

MOTOR

Wapsa: MALBD1 - MALBD2 - MALI1 - MPC1

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0024



T10 | SPL6 | CW
Fam. 20
Substitui/Cambiar/Replaces 0107

ORIGINAL

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

MOTOR

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

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0025



T9 | SPL6 | CW
Fam. 20

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0028



T9 | SPL3 | CW
Fam. 21

ORIGINAL

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

MOTOR

Bosch: 0001354016 - 0001354064 - 0001354076

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Caminhão TX1600 até 12/84 MWM-D 229-3. **Carraro:** Victory 2500, 3500. **Eicher:** Leopard, Panther, Puma. **Fendt:** Farmer IE, IZ, 2DE, 3 S, 4S, Granit 500, 501, Perfekt 300. **Hatz:** Z 90 R, Z 150 R. **Lamborghini:** 226, 230, 340, 452, 90-2, 90-4, LDA 78/4. **Lombardini:** LDA 78/4, 90/2, 90/4. **Mercedes Benz:** 10DA, 15DA, 22DA, 30SA, 180DB, 190DB, L319D, L405. 180DB, 190DB, L319D, L405, L406, O2319D. **MWM:** Motores D225-3, D225-4, D229-3. **Renault:** 7052. **Steyr Puch:** 3 Kanal. **Valmet:** Trator 1101D (MWM-D 225-6), 851D (MWM-D 229-3) até 07/77. Trator 621D e 651D (MWM-D 225-3), 68, 68 Cafeeiro, 68 Especial (MWM-D 229-3) até 07/85. 10, 11, 15, 22, 30, 35, 50DA.

0032**ORIGINAL**

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

Chrysler: F01907

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

Lucas Indiel: 223145

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

MOTOR

Ford: B5C11002A - 2900550 - 2900557 - 2900726 - 2900804

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

0034**ORIGINAL**

Bosch: 9001083440

Lucas: TNB461

Lucas Indiel: 222461

Mercedes Benz: 3431517113

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0035**ORIGINAL**

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

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

MOTOR

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

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

0036**ORIGINAL**

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

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

MOTOR

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

Femsa: MTH241 - MTH242 - MTH244

Iskra: 11130158

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0037



T13 | SPL3 | CW
Fam. 53

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0041



T11 | SPL6 | CW
Fam. 20

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0043



T10 | SPL3 | CW
Fam. 21

ORIGINAL

Bosch: 9001083445
Lucas: TNB445

MOTOR

Bosch: 9000083000

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0044



T9 | SPL3 | CW
Fam. 21

ORIGINAL

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

MOTOR

Bosch: 0001203016 - 0001305016 - 0001308006 - 9000082005 - 9000082010

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Belina I. Corcel I.

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

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

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

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

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

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

MOTOR

Bosch: 9000082006 - 9000082022

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Wapsa: 224014

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

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

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

MOTOR

Ford: E1TF11001B - E1TF11001CA - E1TZ11002A - E1TZ11002B - E1TZ11002C

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford

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

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

MOTOR

Chrysler: 1889100 - 1889129 - 1889200 - 2095753 - 2642227

APLICAÇÃO/APLICACIÓN/APPLICATION

Chrysler: Dodge D-500.

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

Bosch: 9001453340
Volkswagen: BDOA11350A
Wapsa: 224016

MOTOR

Bosch: 9000453055
Wapsa: MALW3N - MPB3 - MPB4

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Bosch: 9001083442

MOTOR

Bosch: 9000083002 - 9000083030

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Bosch: 9001083441

MOTOR

Bosch: 9000082040 - 9000083003 - 9000083013 - 9000083019 - 9000083040

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Bosch: 9001083443

MOTOR

Bosch: 9000083004

APLICAÇÃO / APLICACIÓN / APPLICATION

Yanmar: Motor AE1, AE2 08/70.

0062



T9 | SPL3 | CW
Fam. 21

ORIGINAL

Bosch: 9001082127 - 9001082418

MOTOR

Bosch: 9000082004

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0064



T10 | SPL3 | CW
Fam. 39

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0065



T9 | SPL10 | CCW
Fam. 7

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0067



T10 | SPL3 | CW
Fam. 39

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Bosch: 9001453284
Wapsa: 224029

MOTOR

Bosch: 9000453025
Wapsa: MPB22 - MPB55

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Lucas Indiel: 223168
Wapsa: 224030

MOTOR

Wapsa: MPB25

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Maverick 8cil. até 12/75.

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

Wapsa: 224025

MOTOR

Wapsa: MPB5

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0077



T9 | SPL10 | CW
Fam. 7

Substitui/Cambiar/Replaces 0079

ORIGINAL

Bosch: 9001082424 - 9001082426 - 9001082498

MOTOR

Bosch: 9000082013 - 9000082020 - 9000082029

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0078



T13 | - | CW
Fam. 54

ORIGINAL

Bosch: 2006382154 - 2006383154

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0080



T9 | SPL10 | CW
Fam. 49

ORIGINAL

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

General Motors: 07329691

Italacciai: SD305

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

Lucas: TMB420

Lucas Indiel: 223176

Volkswagen: 059911335

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

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

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

Saab: 95, 96, 99, 99 Turbo.

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

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

0086



T9 | SPL6 | CW
Fam. 20

ORIGINAL

Wapsa: 224031

MOTOR

Wapsa: MPC1N

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0087



T11 | - | CW
Fam. 54

Substitui/Cambiar/Replaces 0219

ORIGINAL

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

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

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

MOTOR

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

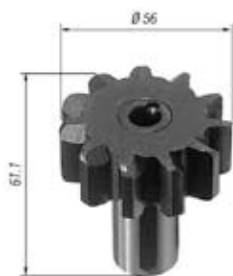
Fiat: 61227993

Italacciai: 0001410032

APLICAÇÃO / APLICACIÓN / APPLICATION

ABG: Yumbo 140. **Aifo:** M32 S, M42 S, M52 S, M62 S, MZ42 SIOM. **Asia Motors:** PR425. **Case:** Pá Carregadeira c/ motor Scania. Trator Agrícola 2470 e 4490 (Scania). Trator W36. **DAF - Fahr:** M1600. **Fiat:** 697. 13.304F, 26304DFS, 30.304DFSA. 190, 260 (Unic V 85 S), 130NC, NR, NT20, 150NC, NT20, 159, 190PAC20, 260, NC20-170, 190 F20-190 (Unic V 85 S). **Fiat Allis:** Trator de Esteiras AD14 c/ motor Scania. **Fiat Iveco:** Caminhão 130.20, 150.20, 159.20, 170.20, 190.20. **Ford:** Caminhão Cargo 1317, 1320, 1517, 1520, 1617, 1620, 2202, 2220, 2420, 2817, 3020, 3220. **Hanomag:** K12C, 15, 16, B16. **Jenbacher:** JW 902. **KHD:** F6L 413, F8L 413, M150E10, M150L10, M170D, L, R, S, SH, TL, TR, M200L, M232D, DL1300. **Liebherr:** R 961, 971. **Magirus Deutz:** 192 H14, H16, 256 H19, H22. **Man:** 16.304F, 26.304DF, 30.304DFS. **Massey Ferguson:** Trator MF4780 (SSB-DN11) Trator MF4780 c/ motor Scania DN11. **Mercedes Benz:** Caminhão MB858, MB866, MB868, MB856. **Palmieri:** 1500 GN 125, 140, 175, 100, 1800 GN 110, 140, 155. **Podain:** RC200, 491, 556. **Saviem:** SM 280, 300, 320, 340. **Scania:** Caminhão 140, 140 Super, 141 Super, 145, BR145, CR145L, CR145T, CR145X, DS114, L142, T142. Caminhão L101, LK140, LK141, LK142, LKS140, LKS141, LKS142, R142, R142-410, T142, T142-410. Chassi p/ Ônibus K112, S112. Ônibus BR115, BR115S, BR116, BR116S, a partir de 05/75. **Valmet:** 110KVA, 115KVA, 125KVA, 150KVA (V1308). **Volvo:** Caminhão B10M, R, B58, 59, T, F10, F88, FB88, G88.T, N, NB88TS, N10, N12, NL10210, NL10340, NL12400. Chassi p/ Ônibus B10M, B58E. **Zettelmeyer:** Europ KL 25, 30.

0088



T11 | - | CW
Fam. 54

ORIGINAL

Bosch: 2006682168

Lucas Indiel: 223181

MOTOR

Bosch: 0001411007 - 9000084008 - 9000084020 - 9000084022 - 9000084023

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Compressor AX430.

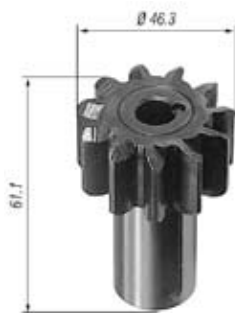
Case: Pá Carregadeira W36 c/ motor Cummins.

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

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

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

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

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

Bosch: 2006382190 - 9001084064
Lucas Indiel: 222422

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Bosch: 9001083439

MOTOR

Bosch: 9000083024 - 9000083025

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0097



T12 | SPL19 | CW
Fam. 51

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0100



T11 | SPL3 | CW
Fam. 20

ORIGINAL

Lucas Indiel: 223419

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Bukh: Trator c/ partida Delco Remy.

0101



T11 | SPL10 | CW
Fam. 14

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0102



T10 | SPL3 | CW
Fam. 35

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Bosch: 9001451291
Lucas: TWB235
Wapsa: 224035

MOTOR

Wapsa: MWB14

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão TX1600D, 1800D, 1600D. **Carraro:** Tigrone 625. **Case:** Escavadeira Hidráulica 80CP, 80CR. Pá Carregadeira W18, W20, W20B, todos c/ partida JF. Trator W18, W20 (MBB-OM 352), W20B (MBB-OM 352A). **CBT:** Trator 1065 (MBB-OM 314) Trator 1105 (MBB-OM 352). Trator 2080 (MBB-OM 314). Trator 2105 (MBB-OM 352). Trator 2600, 8060, 8440, Oliver 1020, 1065, 950, todos c/ partida JF a partir de 10/76. Trator 8060 4x4 (MBB-OM 352). **Chrysler:** Caminhão Dodge D950, P700, P900 c/ motor MWM e partida Bosch JF. **Claas:** Dominator 80, 85. Mercator 50, 60, 70. **Clark:** Pá Carregadeira Michigan 55C, 45C, 55A, 65R, 75III. **Deutz:** Trator AX 4.100-4.190-80S-100S-120S a partir de 01/81. **Fiat Allis:** 1300, 1300 DT, 1900B, FR10, FR12. Escavadeira Hidráulica FE105. Motoniveladora FG70, FG85. **Ford:** Cargo C1215, C1216, C1217, C1415, C1416, C1417, C1421, C1617, C1621, C814, C815. **4000.** **Hanomag:** R70, 100. **John Deere (SLC):** Trator série 7000, 7200 Turbo, 7700, 7700 Turbo c/ motor MMB e partida Bosch JF. **Komatsu:** Trator de Esteiras D30E, D50A, D50P. Trator D30E, D50A, D50P (MBB OM 352, 352A), todos c/ partida Bosch JF. **Massey Ferguson:** MF33B, W 450B, 450B, 450C. **Mercedes Benz:** 302 Y.M. Caminhão/Ônibus 1214, 1218, 1414, 1418, 1614, 1618, 1621, 2215, 2216, L610(OM 352), 1113, 1313, 1316, 1513, 1516, 2013, 2016, 2213, 2216, L608D, L709D, L1319, LP1219, LP1419, 1720. Chassi p/ Ônibus OF/OH 1113, 1115, 1313, 1315, 1316, 0364, 0371U Ônibus c/ motor M366G. OM 352, OM 366 **Müeller:** Trator RT 62H, RT 82H, VAP 55 (MWM 229.3) a partir de 01/95. **MWM:** Motor D225-6, D229-4, D229-6, TD229-6, todos a partir de 08/77. **New Holland:** Colheitadeira/Combine/Cosechadora FNH 8040 (MBB-OM352), FNH 8055 (MBB-OM352A). **Poclair:** FC30, LC80, LY80, MCL84. **Puma:** Caminhão 900 série 914 c/ motor MWM 229.4 a partir de 09/95. **Same:** Ariete (4801 Engine), Drago 100. **Steyr Puch:** 586, 590, 690, 1000, 1200, 980 A, 1100, 1200. **Toyota:** Utilitário Bandeirante (MBB-OM 314) a partir de 10/76. **Valmet:** Trator 78, 85ID, 88, 110ID, 118, 128, 138, 138/4 Turbo, 148, 880, 980, todos a partir de 08/77. **Volkswagen:** Caminhão VW11.130, VW13.130, VW6.90, VW7.110S, VW7.90S. Chassi VW7.90S, VW7.90CE, VW7.90CO, todos c/ partida Bosch JF. **Yanmar:** Motor Estacionário BT222, BT233, BT22, BT33. Trator 1050 D, 1050 D 4x4.

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0110



T11 | SPL19 | CW
Fam. 51

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0111



T11 | SPL10 | CW
Fam. 1

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

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

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

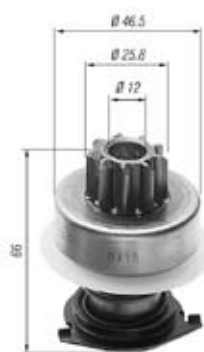
Lucas Indiel: 223192
Wapsa: 224041

MOTOR

Wapsa: MPB36

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Bosch: 9001082425
Lucas Indiel: 221493

MOTOR

Bosch: 9000082017

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: 580H. Retroescavadeira 580H c/ partida Bosch.
CBT: 8240, 8260 (Perkins Engine). Trator 8240, 8260 4x4 c/ motor Perkins.
Chrysler: Caminhão Dodge D300 a partir 09/77 c/ motor Perkins e partida Bosch JF.
DAF: F1300, 1400, 1500, 1600, 1800, 1902 DT. **Ebro:** P112, 9 137, P200, E480.
Ford: D1210. Inter 1800, 1830.
General Motors: Pick-up D20 c/ motor Maxion e partida Bosch, D40, D6000 a partir 03/92. 4006MT, 8000MT.
Harvester: D358.
John Deere (SLC): John Deere MD630, MND730, c/ partida Bosch JF.
Kawasaki: F1300DT, F1400DT, F1500DT, F1600DT, F1800DT, F1902DT, F2105D.
Komatsu: P160, P170, P170T, P190, P200, P260, P270, Retroescavadeira PC150 mod. 5, (hidráulica).
Linde: H20 B/T, H25 B/T, H30 B.
Mack: CS200, 250, MS200, 250.
Man: 5.126, 6.126, 9.126, 10.126, 11.136.
Massey Ferguson: Colheitadeira/Combine/Cosechadora MF102, MF1630, MF210S, MF220, MF310, MF3640, MF5650, todos c/ partida Bosch. Colheitadeira/Combine/Cosechadora MF1630 (PER-A 4248), MF3640 (PER-A 6358), MF5650 (PER-A 6354-4), MF5650 Turbo (PER-AT 6354-4). Pick-up c/ partida Valeo. Trator Maxion 9110, 9130, 9150, 9170. Trator MF265, MF85X, MF50X, MF55X, MF65R, MF65X, MF270, MF285, MF95, MF95i, MF400, MF296, MF296/4, MF290, MF86, MF275, MF275/4, MF292, MF295, MF295/4.
Mercedes Benz: Ônibus OF1113, OH1113, O917, a partir de 01/88.
Perkins: 4, 6 cil. Maxion - SAT (GM - D20, D6000 a partir de 03/92). Maxion - 1006.6T (Trator Ideal 9075, 9090, a partir de 09/94). Perkins - A6.358 (Trator Ideal 9110, 9130, 9150, 9170, a partir de 08/89). Trator MF 296/4, 296, 400, a partir de 04/76). Perkins - Motor Industrial 3152, 4203, 4236, 6354.4, 6358 c/ partida Bosch JF. Perkins - 248 (Trator CBT 8240 a partir de 01/84. Trator MF283). Perkins - 4236 A (Trator MF275, 275/4, 290, 290/4, 275, 275/4, 283, 290/4, 292, 292 Turbo a partir de 04/76). Perkins - 6.354/4 (Trator CBT 8260 4x4 a partir de 01/84).
Saviem: JN75, JP90, SC50, SM6. **Volvo:** 406, 407, F82, F83S. F406, 407, F82 S, 83 S.
Yanmar: BTD22, 33, 1050 D. Motor Estacionário BTD22, BTD33, BT22, BT33. Trator 1050D, 1050D 4x4.

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0121

Fam. 57

ORIGINAL

Bosch: 9001085105
Onan: 5586123C

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

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

0122

Fam. 59

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0133

Fam. 58

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Compressor AX430.

Atlas Copco -

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

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

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

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

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

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

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

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

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

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

Massey Ferguson: Trator MF4780 c/ motor Scania DN11.

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

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

MWM: Motor D232, TD232.

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

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

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

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

Lester: 17642

Lucas: TMB125 - 54247397 - 60600078

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Jeep: 6, 8 cil.

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

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

MOTOR

Bosch: 0001313004

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0144



ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0150



ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0155



ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0158**ORIGINAL**

Bosch: 1987BE0025
Lucas Indiel: 227327 - 583514243

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Peugeot: 404, 504, 505.

0160**ORIGINAL**

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

MOTOR

Lucas Indiel: 35255556 - 35255999

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0161**ORIGINAL**

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

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

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

0162**ORIGINAL**

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

MOTOR

Lucas: 35258000

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0163T9 | SPL10 | CW
Fam. 8**ORIGINAL****Bosch:** 9001082401
Lucas: TMB401**MOTOR****Bosch:** 9000082028**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Caminhão TX1100 M790. Motor Estacionário M70, M790, M80, M85, M90, M93ID, todos a partir de 08/77. Trator 4100, 416, 420 a partir de 08/77.**0170**T9 | - | CCW
Fam. 64**ORIGINAL****Bosch:** 9001336211
Femsa: 148981
Italacciai: SD300
Lester: 16121 - 16122 - 16167 - 16168 - 16188
Lucas: TLB112 - 54252212**MOTOR****Italacciai:** MTJ01201
Lucas: 25147DM35**APLICAÇÃO / APLICACIÓN / APPLICATION****Austin:** 1100, Allegro, Maxi, Mini. **Bedford:** CF, Chevanne, Ha Van.
Hillman: Avenger, Hunter. **Innocenti:** Mini, Regent.
M.G.: 1300, Midget. **Morris:** Marina, Oxford.
Triumph: Dolomite, Spitfire, Toledo. **Vauxhall:** Victor.**0171**T9 | - | CCW
Fam. 63**ORIGINAL****Lucas:** 250698**MOTOR****Lucas:** 25147DM35**APLICAÇÃO / APLICACIÓN / APPLICATION****Hillman****0182**T13 | SPL19 | CW
Fam. 51**ORIGINAL****Facet:** 10583 - 480417 **Ford:** C8TZ11350A - C8WF11350A
Lester: 3758 - 3798 - 3945 - 3979 - 6257 - 6381 - 6500 - 6515 - 6547 - 6681 **Lucas Indiel:** 223211
Remy: 0800069 - 0800071 - 1893562 - 1894214 - 1894216 - 1947920 - 1950586 - 1971167
Ww: 480417**MOTOR****Ford:** C8TF11000B - C8TZ11002A - E0HT11000AA - E0HT11000AB - E0HZ11002A
Remy: 1113852 - 1113871 - 1113873 - 1113940 - 1113941 - 1113985 - 1113988 - 1114052 - 1114077
1114094 - 1114101 - 1114146 - 1114154 - 1114168**APLICAÇÃO / APLICACIÓN / APPLICATION****IHC****Massey Ferguson:** Colheitadeira/Combine/Cosechadora MF c/ partida Delco Remy. Trator MF c/ partida Delco.
TCM Equipment Ag: Série 42MT 24V (c/ motor Detroit).

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

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

MOTOR

Ducellier: 6128A - 6144A

APLICAÇÃO/APLICACIÓN/APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

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

Bosch: 9001453344
Lucas: TWB245
Wapsa: 224045

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0188



T11 | SPL19 | CW
Fam. 51

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0189



T9 | SPL9 | CW
Fam. 18

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0191



T9 | SPL3 | CCW
Fam. 23

ORIGINAL

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

MOTOR

Bosch: 9000082003

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0192



T9 | SPL3 | CCW
Fam. 17

ORIGINAL

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

MOTOR

Wapsa: MWV12 - MWV12F

APLICAÇÃO/APLICACIÓN/APPLICATION

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

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

0205



T9 | SPL12 | CW
Fam. 6

ORIGINAL

Chrysler: F01903 - F01910

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

Leece-Neville: 04234

Lester: 3148

Remy: F2003 - 1972286

MOTOR

Ford: C4DZ11001A - C4DZ11001B - D0DF11001A - D1FF11001A - D1FF11001AA

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Falcon.

0213



T11 | SPL6 | CW
Fam. 10

ORIGINAL

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0215



T9 | SPL12 | CW
Fam. 17

ORIGINAL

Italacciai: SD400

Lucas Indiel: 223481

Paris-Rhone: 95990

MOTOR

Italacciai: D11E159

Paris-Rhone: D11E159 - D11E165

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

0216



T9 | SPL12 | CW
Fam. 16

ORIGINAL

Italacciai: SD813

Lester: 16715

Lucas Indiel: 223482

Paris-Rhone: 95956

MOTOR

Italacciai: D11E156

Paris-Rhone: D11E156

APLICAÇÃO / APLICACIÓN / APPLICATION

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

Renault Agri: R7221.

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

Bosch: 1006209437 - 2006209321
Italacciai: SD447
Lester: 16405

MOTOR

Bosch: 0001208049 - 0001211206 - 0001211989

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0221



T9 | SPL10 | CW
Fam. 3

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0222



T10 | SPL10 | CW
Fam. 1

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0223



T9 | SPL10 | CW
Fam. 49

ORIGINAL

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

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0224



T10 | SPL3 | CW
Fam. 21

ORIGINAL

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

MOTOR

Bosch: 0001354026 - 0001354032

APLICAÇÃO/APLICACIÓN/APPLICATION

Harvester: D430, 432, 439.

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

0229



T9 | SPL10 | CCW
Fam. 7

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0238



T9 | SPL9 | CW
Fam. 5

ORIGINAL

Bosch: 1987BE0029
Lucas Indiel: 227339 - 35256777

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Sierra 2.3, Taunus 2.0 e 2.3.

0243



T9 | SPL12 | CW
Fam. 67

ORIGINAL

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

MOTOR

Remy: 3471141 - 3471143 - 3471144

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0244



T9 | SPL9 | CW
Fam. 18

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

Ducellier: 6185ABC - 6219ABC
Italacciai: 006138A

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: R4, R5, R6. Rodeo.

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

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

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0285T9 | SPL9 | CCW
Fam. 47**ORIGINAL**

Bendix: 325232
Italacciai: SD002
Paris-Rhone: 95464
Renault: 7701019295
Valeo: NE173 - 095464

MOTOR

Paris-Rhone: D8E130 - D8E131

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: R5, R6.

0286



T10 | SPL12 | CW
Fam. 40

ORIGINAL

Italacciai: SD076
Lester: 16669 - 16984 - 17644 - 17648 - 17654 - 18262
Lucas: TMB102 - 54243781 - 54246662 - 60600050
Lucas Indiel: 223226

MOTOR

Lucas: 26234K - 26336AFM50 - 26336A/R - 26337A/H - 26349A/H - 26349DHM50 - 26363A/J - 26367A/D - 26382A/B - 26384A/B - 26389A/D - 26398A/H - 26416A/E - 26420A/B - 26421A/B - 26428A/B - 26429A/B - 26433A/B - 26435A/B - 26435AM50

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: 7 Ton Kamyon. SB, SP, TJ, TK, TL, VAS.
Harvester: 384, 454, 474, 574, 674, 684.
Massey Ferguson: Colheitadeira/Combine/Cosechadora. MF487.
Perkins: V8-540 c/ partida Lucas desde 83.

0287



T9 | SPL9 | CW
Fam. 86

ORIGINAL

Bosch: 1987BE0030 **Fiat:** 9405835568 **Italacciai:** SD318 **Lester:** 16619 - 16756 - 16797 - 17144 - 17157 **Lucas:** TMB263
Lucas Indiel: 221263 **Paris-Rhone:** 013610 - 099931 - 99931 **Valeo:** NE197 - 099931 - 184917

MOTOR

Paris-Rhone: D9E100 - D9E101 - D9E109 - D9E110 - D9E113 - D9E114 - D9E123 - D9E124 - D9E125 - D9E127 - D9E129 - D9E36 - D9E38 - D9E39
D9E46 - D9E48 - D9E49 - D9E52 - D9E54 - D9E55 - D9E56 - D9E61 - D9E62 - D9E66 - D9E68 - D9E69 - D9E70 - D9E74 - D9E76 - D9E77 - D9E771
D9E773 - D9E78 - D9E79 - D9E81 - D9E85 - D9E86 **Valeo:** D9E123

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 405, 405 DL 1989 L4 1.9 gas. 405 DL 1990 L4 1.9 gas. 405 DL 1991 L4 1.9 gas. 405 MI16 1989 L4 1.9 gas. 405 MI16 1990 L4 1.9 gas. 405 MI16 1991 L4 1.9 gas. 405 S 1989 L4 1.9 gas. 405 S 1990 L4 1.9 gas. 405 S 1991 L4 1.9 gas. 504. 505. 505 DL 1988 L4 2.2 gas. 505 DL 1989 L4 2.2 gas. 505 GLS 1988 L4 2.2 gas. 505 S 1988 L4 2.2 gas. 505 S 1989 L4 2.2 gas. 505 STI 1988 L4 2.2 gas. 505 SW8 1989 L4 2.2 gas. 505 SW8 1990 L4 2.2 gas. 505 Turbo 1989 L4 2.2 gas. **Renault:** Alliance DL 1983 L4 1.4 gas. Alliance DL 1984 L4 1.4 gas. Alliance DL 1985 L4 1.4 gas. Alliance DL 1986 L4 1.4 gas. Alliance DL 1987 L4 1.4 gas. Alliance L 1983 L4 1.4 gas. Alliance L 1984 L4 1.4 gas. Alliance L 1985 L4 1.4 gas. Alliance L 1986 L4 1.4 gas. Alliance L 1987 L4 1.4 gas. Alliance Limited 1983 L4 1.4 gas. Alliance Limited 1984 L4 1.4 gas. Encore GS 1984 L4 1.4 gas. Encore LS 1984 L4 1.4 gas. Encore LS 1985 L4 1.4 gas. Encore LS 1986 L4 1.4 gas. Encore S 1984 L4 1.4 gas. Encore S 1985 L4 1.4 gas. Encore S 1986 L4 1.4 gas. R19. R19 c/ motor Valeo.

0291



T9 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209470 - 2006209483 - 9001451343 - F002G20279
Fiat: 79026090 - 9936730 - 9937949 - 9956676 - 9983629
Italacciai: SD184
Lucas Indiel: 223227

MOTOR

Bosch: 0001362039 - 0001362062 - 0001362073 - 0001362102 - 0001362322 - 0001362323 - 0001363111 - 0001363122

APLICAÇÃO / APLICACIÓN / APPLICATION

Aifo: 8035.02.300, 8041.04.200, 8045.02.300, 8041.02.310, 8041.04.250.
Alfa Romeo: 30, 32, 35, 40 AR8.
Fiat: 131 D, 132 D, Argenta D, Ducato. 131 D (2.0, 2.5), 132 D (2.0, 2.5), 40NC, 50F8, 50NC, 241TN, 465C, 466 DT, 480 DT, 500, 500 DT, 505, 505C, 505S, 540, 540 DT. 55F8, 55NC, 565C, 566 DT, 570, 570 DT, 580, 580 DT, 60F8, 616N3-4, 625N3P, BI20-25-30 C, BIM20-25, DI12-15, DT450, R450. Argenta 2.5. Campagnola diesel. M23, 24, 25, 29 Midibus. Marengo D 2.5. Otoyal 35.9. Otoyal 65.9.
Fiat Allis: 480, 500, 540, 570, 580, FL4C.
Fiat Iveco: 40.10, Daily 28.8, 30.8, 32.8, 35.8 Ducato 10, 13 (2.5 D) Eurocargo 60, 65, 75 (1991-). Furgão Daily.
OM: BI 20, 25, BIM 20, 25, DIM 20, Grinta 28.8, 30.8, 32.8, 35.8.

0292



T9 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209475 - 1006209477 - 9001042100
Chrysler: 5213384
Lester: 16727 - 16974
Lucas Indiel: 223321

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: 600 2.2 Turbo.
General Motors: Blazer c/ partida Delco Remy.

0293T9 | SPL6 | CW
Fam. 17**ORIGINAL**

Bosch: 9001451249 - 9001451251
Lucas: TWB251
Lucas Indiel: 223228
Volkswagen: BD5M11350A - ZBC911335A
Wapsa: 224051 - 224053

MOTOR

Bosch: 9000451001 - 9000451010 - 9000451017 - 9000451024
Wapsa: MWB23 - MWB25

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Belina c/ motor CHT. Corcel II todos c/ motor CHT. Del Rey Scala todos c/ motor CHT. Escort 1.3, 1.6 c/ partida Wapsa todos c/ motor CHT. FT100, 100 (1.5), FT125, FT130, FT150, FT175, FT190 (1.7), FT75. Pampa todos c/ motor CHT.
Volkswagen: Gol 1.8 à gasolina e a álcool c/ partida Wapsa. Santana 1.8 à gasolina e a álcool c/ partida Wapsa.

0294T9 | SPL6 | CCW
Fam. 17**ORIGINAL**

Lucas: TWB2520
Wapsa: 224052

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Puma: Puma GT c/ motor VW (a partir de 05/81).
Volkswagen: Brasília refrigerada a ar c/ partida Wapsa de 05/81 a 06/81. Gol refrigerado a ar c/ partida Wapsa de 05/81 a 06/81. Kombi refrigerada a ar c/ partida Wapsa de 05/81 a 06/81. Saveiro refrigerado a ar c/ partida Wapsa de 05/81 a 06/81. Sedan 1.3, 1.5, 1.6 refrigerado a ar c/ partida Wapsa de 05/81 a 06/81.

0300T9 | SPL10 | CW
Fam. 9**ORIGINAL**

Bosch: 1006209081 - 1006209444 - 9001693029
Italacciai: SD451
Lester: 16362

MOTOR

Bosch: 0001311042 - 0001314001

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: M535i, 525, 528, 530, 630, 635, 663, 728, 730, 732, 733, 735, 745, 2500, 2800, 3000, 3300.
Ferrari: 733.
Lombardini: 904, 914.
Mazda: 323 1.6.

0301T9 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209341
Lester: 16560 - 17073 - 17074 - 17076 - 17106 - 17136 - 17184 - 17228 - 17230 - 18032 - 18111 - 18229 - 18237

MOTOR

Bosch: 0001358049 - 0001359012 - 0001359014 - 0001359025 - 0001359027 - 0001359043

APLICAÇÃO / APLICACIÓN / APPLICATION

Agria: Titan 211, 350, 360, 410.
Atlas Copco
Claas: Corsar. Cosmos.
Fiat Allis: S60, S70.
Fiat Iveco: 129.14, 130.14. Daily 28.8, 30.8, 35.8, 40.8, N100, N110, N40, N40.35, N50, N55, N60, N65.
Lombardini: LDA 674, 833, 834.
Mercedes Benz: L408, L608, L1113, L1513. MB Otobus.
Same: Ariete. Drago.

0302



ORIGINAL

Bosch: 2006209111 - 2006209305 - 2006209345

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

DAF: F1300 DT, 1800 DT, 1902 D.
Harvester: D358. Inter 1800.
John Deere (SLC): MD630. MND730.
Linde: H20 B/T, H25 B/T, H30 B.
Man: 5.126. 6.126. 9.126. 10.126. 11.136.
Massey Ferguson: E7C, SC50, SM6A, SM6B, SM6C, SM7, SM8, SM8TU. MF86, MF87, MF155, MF158, MF168, MF186, MF187, MF188, MF285, MF427, MF487, MF507, MF510, MF520, MF525.
Perkins: Perkins - Tratores, Industriais, Estacionários.
Renault V.I.: JP11, 13, 19, 21.
Saviem: JN75, JP90, SC50, SM6.
Volvo: F406, 407, F82 S, 83 S. Volvo.

0303



ORIGINAL

Bosch: 9001083471

MOTOR

Bosch: 9000083039

APLICAÇÃO / APLICACIÓN / APPLICATION

0304



ORIGINAL

Bosch: 2006209200 - 2006209201
Italacciai: SD018
Lucas Indiel: 223555

MOTOR

Bosch: 0001359016

APLICAÇÃO / APLICACIÓN / APPLICATION

John Deere (SLC): 920, 1120, 1530, 1630, 2030, HD900, 1000. Ince Frz. John Deere 1020U, VU. 1630, 20300U, JD300, JD310, JD350, JD400, JD450, MD1020, MD1120, MD1530, MD1630, MD1830, MD2030, MD2130, MD3130, MD330, MD820, MD820VU, MD830, MD290, MD925, MD930, MD935, MD940, MD942, MD945, MD950, MD952, MD955, MD960, MD965, MD968, MD969, MD970, MD975.
Müeller: 10200U/VU, 1630, 20300U, JD300, JD310, JD350, JD400, JD450, MD1020, MD1120, MD1530, MD1630, MD1830, MD2030, MD2130, MD3130, MD330, MD820, MD820VU, MD830, MD920, MD925, MD930, MD935, MD940, MD942, MD945, MD950, MD952, MD955, MD960, MD965, MD968, MD969.
Zanello: Trator c/ motor Cummins.

0307



ORIGINAL

Bosch: 1006209403 - 2006209163
Italacciai: SD449
Lester: 16299 - 16401 - 16532 - 16539 - 16688

MOTOR

Bosch: 0001208040 - 0001208055 - 0001211025 - 0001211987 - 0001211988 - 0001211995 - 0001211996

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: Alfasud. Alfasud 1.2, 1.5. Alfetta 1.6, 1.8. Giulia. Giulia Super 1.3, 1.6. GT Junior, GT Veloce 2000.
Ford: 12M, 15M, 17M, 20M, Capri, Consul, Granada, FT100. Capri 1.3, 1.5, 2.0. Consul 1.7. Granada 1.7, 2.0 V6. Taunus 2.0 V6.
Mercedes Benz: 220, 230, 280.

0308T9 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209406 - 2006209422**Lester:** 16560 - 17073 - 17074 - 17076 - 17106 - 17136 - 17184 - 17228 - 17230 - 18029 - 18030 - 18032 - 18033 - 18111 - 18229 - 18237**MOTOR****Bosch:** 0001359077 - 0001364100 - 0001364105 - 0001365004**APLICAÇÃO / APLICACIÓN / APPLICATION****Carraro:** Tigrone 625.**Fiat Allis:** 1300, 1300 DT, 850, 850 T.**Massey Ferguson:** MF33B, 450B, 450C.**Mercedes Benz:** 302 Y.M.303.**Palmieri:** 1500 GN80, GN95, 1800 GN90, GN110.**Poclair:** FC30, LC80, LY80, MCL84.**Steyr Puch:** 586, 590, 690, 1000, 1200.**Volvo****0310**T9 | SPL10 | CCW
Fam. 14**ORIGINAL****Bosch:** 2006209240 - 2006209330 - 2006209418 - 2006209448**Fiat:** 79026236 - 8997796 - 9934739 - 9934977 - 9957820**Italacciai:** SD123**Lester:** 17093 - 18031**Lucas Indiel:** 223561**MOTOR****Bosch:** 0001362032 - 0001363101**APLICAÇÃO / APLICACIÓN / APPLICATION****Alfa Romeo:** 30AR8, 32AR8, 35AR8, 40AR8.**Fiat:** 241TN, 450, 450DT, 500, 500DT, 540, 540DT, 616N3, 616N3.4, 625N3. 50 NC.**Fiat Allis:** 450, 450 DT, 500, 500 DT, 540.**Fiat Iveco:** 241TN, 616 N3/4, 625 N3. Daily 28.8, 30.8, 32.8, 35.8, 40.8. Daily com partida Bosch.**OM:** Grinta 28.8, 30.8, 32.8, 35.8.**0312**T9 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209246**Italacciai:** SD347**Lester:** 17075 - 17105**MOTOR****Bosch:** 0001362012 - 0001362013 - 0001362016 - 0001362017 - 0001362021 - 0001362024 - 0001362033 - 0001363002**APLICAÇÃO / APLICACIÓN / APPLICATION****Atlas-Weyhauser:** AR50, AR51.**Fendt:** F250 GT.**Hanomag:** Brillant. Robust.**KHD:** F2L912, F3L912.**Lamborghini:** R240DT, R350DT.**Linde:** H12 D, H15 D.**Valmet:** 103-104SU, 1051, 1052, 1053, 1054, 1056SU, 1056SV, 112-113DAN, 395SV.**0313**T12 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209407 - 2006209437**Italacciai:** SD315**MOTOR****Bosch:** 0001358201 - 0001358202**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** A0406, A0506, FT100, FT120, FT130, FT160, FT190. Transit diesel.

0315T9 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209447 - 9001083502
Fiat: 9918347 - 9928303 - 9935164 - 99811565
Lester: 16560 - 17073 - 17074 - 17076 - 17106 - 17136 - 17184 - 17228 - 17230 - 18029 - 18030 - 18032 - 18033 - 18111 - 18229 - 18237
Lucas Indiel: 223231

MOTOR

Bosch: 0001359122 - 0001360043 - 0001360063 - 9000083043 - 9000453088 - 9000453090 - 9000453091
Fiat: 4169095 - 4169096 - 4682999

APLICAÇÃO / APLICACIÓN / APPLICATION

Aifo: 8060.02.811, 8061.04.050, 8065.02.000.
Fiat: Ônibus 140, 80.
Fiat Allis: 980, 1000, 1180, 1380, 1580.
Fiat Iveco: 314/3, 315, 616 N3/4. Caminhões 120E, 150, 150T, 160T, 160E c/ partida Bosch JF (9.000.453.088). Caminhões 605C, 640, 680, 780, 805, 1000.
New Holland: Colheitadeira/Combine/Cosechadora TC55, TC57, TC59, a partir de 11/97. Trator Gamalta.

0316T11 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209304 - 2006209332 - 2006209342 - 2006209344

MOTOR

Bosch: 0001359006 - 0001360002

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0318T9 | SPL10 | CW
Fam. 21**ORIGINAL**

Bosch: 2006209086 - 2006209095 - 2006209215 - 2006209229
Italacciai: SD346

MOTOR

Bosch: 0001354080 - 0001354082 - 0001354088 - 0001354091 - 0001354092 - 0001354093 - 0001354097 - 0001354099 - 0001354100
 0001354103 - 0001355014 - 0001355015

APLICAÇÃO / APLICACIÓN / APPLICATION

Agria: 3800G, 4800K, 5700.
Eicher: Eichus. Panther. Puma.
Farymann: G10, 20.
Goldoni: Universal 230, 336.
Hanomag: F20, 25, 30, 35.
Harvester: Inter 624. 654 Ince Frz.
KHD: 411D, 411W, D2506, D3006, F1L410.
Lamborghini: 221, 230, 321, 340, 350, 431, 452, 523, 624. Espada. Islero 400GTS. Miura P400.
Ruggerini: RD90/2, RD95/2, RD100/2.
Steyr Puch: 30, 30B, 430, 540, 540G, 86, 30, 30B, 430, 540, 540G, 86.
Zettelmeyer: VA3, VT2, VTL.

0319T9 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209241 - 2006209331
Italacciai: SD012
Lester: 16445 - 16715
Lucas: TMB427
Lucas Indiel: 223232

MOTOR

Bosch: 0001362001 - 0001362002 - 0001362003 - 0001362004 - 0001362027 - 0001362028 - 0001362029 - 0001362030

APLICAÇÃO / APLICACIÓN / APPLICATION

Claas: Compact 25.
Hanomag: F20, 25, 30, 35, 40, 45.
Mercedes Benz: L306DG, L406DG, L407D, O309D, U52-421, U52-60, U60-421. 200D, 220D, 240D, 240D 3.0, 240TD, 300CD, 300D, 300SD, 300TD, 300 Turbo, D206, DG206, L206, L306D.
Steyr Puch: SC 6F 55.

0320T9 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: 2006209478
Italacciai: SD342
Lucas Indiel: 223569

MOTOR

Bosch: 0001362037 - 0001362071
Italacciai: 26208A

APLICAÇÃO / APLICACIÓN / APPLICATION

Opel: Ascona 2.0 D, Ascona B D, Rekord D/E D, Rekord 2.0 D, 2.1 D, 2.3 D, E 2.0 D.

0322T10 | SPL3 | CW
Fam. 39**ORIGINAL**

Lester: 16608
Lucas: TMB104 - 54246724 - 54246989 - 54256984 - 54259800

MOTOR

Lucas: S5012 - 26208A/E - 26208AEM45 - 26211 - 26211A/L - 26211ALM50 - 26338 - 26339 - 26395

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: 2000, 3000, 4000, 5000, 7000.

0323T9 | SPL10 | CCW
Fam. 2**ORIGINAL**

Bosch: 1006209424 - 9001082669
Italacciai: SD450 - SD466
Lester: 16362 - 16418 - 16547 - 16556 - 17025 - 17134
Lucas: TMB411
Lucas Indiel: 221411
Volkswagen: 055911335B

MOTOR

Bosch: 0001208411 - 0001208412 - 0001208416 - 0001208417 - 0001208418 - 0001211223 - 0001211224 - 0001211255 - 0001211256 - 0001211257 - 0001211258 - 0001211992 - 0001211993 - 0001211998 - 0001314012 - 0001314013 - 9000082062

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort Ghia, Guarujá, Verona GLX, XR3 todos c/ partida Bosch.

Gurgel: BR800, Tocantins L, TR 1.6.

Porsche: 914.

Tiete: Motor Estacionário RD900, RD900L, RD950, RD950L a partir de 09/92.

Volkswagen: Apollo GL, GLS c/ partida Bosch (AP 1.8). Golf, Golf D, Golf 1.5 D. Golf Custom 1985 L4 1.8 gas. Golf Custom 1986 L4 1.8 gas. Golf GL 1987 L4 1.8 gas. Golf GL 1988 L4 1.8 gas. Golf GL 1989 L4 1.8 gas. Golf GL 1990 L4 1.8 gas. Golf GL 1991 L4 1.8 gas. Golf GT 1987 L4 1.8 gas. Golf GT 1988 L4 1.8 gas. Golf GTI 16-Valve 1987 L4 1.8 gas. Golf GTI 16-Valve 1988 L4 1.8 gas. Golf GTI 16-Valve 1989 L4 1.8 gas. Golf GTI 1985 L4 1.8 gas. Golf GTI 1986 L4 1.8 gas. Golf GTI 1987 L4 1.8 gas. Golf GTI 8-Valve 1990 L4 1.8 gas. Golf GTI 8-Valve 1991 L4 1.8 gas. IM1200, IM127, IM1300, IM1302, IM1303, IM1500, IM1600, IM181, IM411, IM412. Jetta. Jetta Deluxe 1981 L4 1.7 gas. Jetta Deluxe 1982 L4 1.7 gas. Jetta Deluxe 1983 L4 1.7 gas. Jetta Deluxe 1984 L4 1.7 gas. Jetta Deluxe 1984 L4 1.8 gas. Jetta Deluxe 1985 L4 1.8 gas. Jetta Deluxe 1986 L4 1.8 gas. Jetta Deluxe 1987 L4 1.8 gas. Jetta GLI 16-Valve 1987 L4 1.8 gas. Jetta GLI 1985 L4 1.8 gas. Jetta GLI 1986 L4 1.8 gas. Jetta GLI 1987 L4 1.8 gas. Jetta Sport 1987 L4 1.8 gas. Passat 1.6. Rabbit Custom 1981 L4 1.7 gas. Rabbit Custom 1982 L4 1.7 gas. Rabbit Custom 1983 L4 1.7 gas. Rabbit Deluxe 1981 L4 1.7 gas. Rabbit Deluxe 1982 L4 1.7 gas. Rabbit Deluxe 1983 L4 1.7 gas. Rabbit diesel. Rabbit GL Custom 1984 L4 1.7 gas. Rabbit GL DLX 1983 L4 1.7 gas. Rabbit GTI Sport 1984 L4 1.8 gas. Rabbit L 1983 L4 1.7 gas. Rabbit L 1984 L4 1.7 gas. Rabbit L Custom 1981 L4 1.7 gas. Rabbit L Custom 1982 L4 1.7 gas. Rabbit LS Custom 1983 L4 1.7 gas. Rabbit LS Deluxe 1981 L4 1.7 gas. Rabbit LS Deluxe 1982 L4 1.7 gas. Rabbit S Sport 1981 L4 1.7 gas. Rabbit Sport 1981 L4 1.7 gas. Rabbit Sport 1982 L4 1.7 gas. Scirocco. Scirocco 16-Valve 1987 L4 1.8 gas. Scirocco DLX 1981 L4 1.7 gas. Scirocco DLX 1982 L4 1.7 gas. Scirocco DLX 1983 L4 1.7 gas. Scirocco DLX 1984 L4 1.8 gas. Scirocco DLX 1985 L4 1.8 gas. Scirocco DLX 1986 L4 1.8 gas. Scirocco DLX 1987 L4 1.8 gas. Transporter 1.3, 1.7, 1.8.

0325



T9 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209401 - 1006209445
Fiat: 9934752
Italcciai: SD055 - SD496
Lester: 16438
Lucas Indiel: 223573

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

BMW: R45, R60, R65, R75, R80, R100. **Fiat:** X1/9 (1.3), 128 (1.1, 1.3), 131 Mirafiori (1.3). **Opel:** Ascona 1.2, Ascona B. D 1.0, 1.2, Kadett 1.0, 1.2. Manta A, B12, Manta B. **Renault:** GTL, R12, R4, R5, R6TL, R7TL, TL, TS Turbo, TX. R4, R4 F4, R5 Turbo, R6. **Porsche:** 911 2.4, 2.7, 912, 914. **Seat:** 1200 Sport, 124 D (1430), 124 D Especial (1.2, 1.4), 127 (0.9), 131L (1430), 131. 124 Special, 127, 131, 1430. Ritmo, Ritmo 65, 75. Supermirafiori 1430, Terra. **Volkswagen:** 1300, 1302, 1303, Golf, Transporter.

0327



T9 | SPL10 | CW
Fam. 50

ORIGINAL

Bosch: 1987BE0032 **Daihatsu:** 2801140014 - 2801141011 - 2801141012 **Honda:** 31207PA0006 - 31207657006 **Isuzu:** 8942391070
Italcciai: SD181 **Lester:** 16217 - 16218 - 16220 - 16223 **Mitsubishi:** MD602059 - MD602678 **Nippondenso:** 0283000800 - 0283000801
028300085 - 0283001690 - 028300800 **Toyota:** 2801122021 - 2801125012 - 2801125020 - 2801141010 - 2801141011
2801141012 - 2801141020 **Ww:** 10502

MOTOR

Honda: 31200657006 - 31200657016 - 31200657025 **Italcciai:** 280002572 **Nippondenso:** 0280001010 - 0280001940 - 0280001941
0280001970 - 0280001971 - 0280001972 - 0280001973 - 0280001975 - 0280001976 - 0280002000 - 0280002001 - 0280002250
0280002260 - 0280002261 - 0280002262 - 0280002263 - 0280002330 - 0280002570 - 0280002571 - 0280002572 - 0280003051
0280003052 - 0280003100 - 0280003710 - 0280003920 - 0280003921 - 0280004270 - 0280004440 - 0280004480 - 0280004580
0280004640 - 0280004810 - 0280004820 - 0280004822 - 0280004980 - 0280005430 - 0280005470 - 0280006100 - 028004822
Toyota: 28100 - 28100045033 - 2810026031 - 2810033011 - 2810036020 - 2810036040 - 2810040011 - 2810040012 - 2810040013
2810040015 - 2810040041 - 2810041013 - 2810041020 - 2810042010 - 2810042020 - 2810042021 - 2810045020 - 2810045021
2810045033 - 2810046040 - 2810047020

APLICAÇÃO/APLICACIÓN/APPLICATION

Daihatsu: Delta 1.5, 2.0. Rocky, Taft, Wildcat 1.6. Rocky 1.6. Taft 1.6. Wildcat 1.6. **Honda:** Accord 1.6. **Toyota:** 5R, 16R, 18R. Carina, Carina 1.6, 2.0. Celica, Celica 1.6, 2.0. Corolla. Corona, Corona 1.6, 1.8, 2.0, 2.3. Crown. Delta Hi Ace. Dyna. Hi Ace Hilux. Mark2. Sprinter, Sprinter 1.6.

0328



T9 | SPL6 | OCW
Fam. 68

ORIGINAL

Bosch: 9001451247
Lucas: TWB247
Volkswagen: 1119113356
Wapsa: 224047

MOTOR

Bosch: 9000451004 - 9000451012
Wapsa: MWB18 - MWB21

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: Brasília refrigerada a ar c/ partida Wapsa, a partir de 07/81. Gol refrigerado a ar c/ partida Wapsa a partir de 07/81. Kombi refrigerada a ar c/ partida Wapsa, a partir de 07/81. Saveiro refrigerado a ar c/ partida Wapsa, a partir de 07/81. Sedan 1.3, 1.5, 1.6 refrigerado a ar c/ partida Wapsa, a partir de 07/81.

0329



T9 | SPL6 | CW
Fam. 69

ORIGINAL

Bosch: 9001451252
Lucas: TWB246
Volkswagen: ZBA911335A
Wapsa: 224046

MOTOR

Bosch: 9000451011
Wapsa: MWB19

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: Gol C, Gol Cl, Gol Gl refrigerado a água c/ partida Wapsa. Parati C, CL, GL refrigerada a água c/ partida Wapsa. Passat 1.5, 1.6. GTS Pointer refrigerado a água c/ partida Wapsa. Saveiro CL, GL, refrigerado a água c/ partida Wapsa. Voyage C, CL, GL, refrigerado a água c/ partida Wapsa.

0339T9 | SPL10 | CW
Fam. 50**ORIGINAL**

Chrysler: CH1931 - 5206632 - 5213310 - 5213850
Lester: 16417
Nippondenso: 0283001930 - 0283003490
Subaru: 280992420
Ww: 10120

MOTOR

Chrysler: 5206270 - 5213085 - 5213190 - 5213370 - 5213395
Nippondenso: 0280005090 - 0280005091 - 0280005092 - 0280007130 - 0280007131

APLICAÇÃO/APLICACIÓN/ APPLICATION

Chrysler: Dodge Horizon. Omni.
Dodge
Kubota: Trator.

0340T9 | SPL8 | CW
Fam. 32**ORIGINAL**

Lester: 16245
Lucas Indiel: 223235
Mitsubishi: K309

MOTOR**APLICAÇÃO/APLICACIÓN/ APPLICATION****0341**T9 | SPL10 | CCW
Fam. 50**ORIGINAL**

Lester: 16468 - 16696 - 17058
Lucas Indiel: 223585
Mazda: 060423710 - 134624709
Mitsubishi: MD604047
Nippondenso: 0283000830 - 0283000831 - 0283003320 - 0283003321
Subaru: 492097002 - 892094112 - 892096102
Toyota: 2801187704

MOTOR

Mazda: 060418400 - 060518400 - 134518400
Nippondenso: 0280002040 - 0280002041 - 0280002042 - 0280002160 - 0280002161 - 0280002970 - 0280004721 - 0280005270
 0280005420 - 0280005720 - 0280005750 - 0280006520
Subaru: 829914120 - 829918600
Toyota: 2810087701 - 2810087702

APLICAÇÃO/APLICACIÓN/ APPLICATION

Daihatsu: Com partida Nippondenso. **Subaru:** Subaru A11.

0342T8 | SPL10 | CCW
Fam. 50**ORIGINAL**

Ford: D77Z11350A - SDE307
Lester: 16254 - 16272
Nippondenso: 0283001870

MOTOR

Ford: D77Z11002A - D77Z11002B - E17Z11002B - E17Z11002C - SAE715 - SAE715A - SAE716 - SAE716A
Nippondenso: 0280005220 - 0280005230 - 0280008110 - 0280008120

APLICAÇÃO/APLICACIÓN/ APPLICATION

Ford: Courier.

0343



T9 | SPL10 | CW
Fam. 50

ORIGINAL

Lester: 16221
Nippondenso: 0283001390 - 0283003590

MOTOR

Nippondenso: 0280003610 - 0280003611 - 0280007480

APLICAÇÃO/APLICACIÓN/APPLICATION

Kubota: Tractor.

0348



T9 | SPL6 | CW
Fam. 69

ORIGINAL

Bosch: 9001452088
Lucas Indiel: 223117
Volkswagen: 3059112875
Wapsa: 224048

MOTOR

Bosch: 9000452003
Wapsa: MWB17

APLICAÇÃO/APLICACIÓN/APPLICATION

Kubota: Microtractor Tobatta M140N.
Volkswagen: Kombi c/ motor Passat diesel. Saveiro diesel, Senda diesel c/ partida Wapsa.

0349



T9 | SPL10 | CW
Fam. 71

ORIGINAL

Bosch: 1987BE0033 **General Motors:** 9423227 - 94233227 **Hitachi:** 211455004 - 211465001 **Honda:** 31207634005 **Isuzu:** 8942332270
8942332770 **Italacciai:** SD149 **Lester:** 16205 - 16207 - 16211 - 16270 - 16499 **Nissan-Datsun:** 23300H6000 - 23312E6700 - 23312H5000
23312H5001 - 23312H6700 - 23312H6900

MOTOR

Hitachi: S10863 - S10889 - S114140 - S114141 - S114149 - S114160 - S114160A - S114160B - S114160D - S114160E - S114160F
S114162 - S114162C - S114162D - S114163 - S114163B - S114163E - S114164 - S114210 - S114211 - S114227 - S114271
Honda: 31200634005 - 31200634670 - 31200634671 - 31200634811 - 31200657005 - 31200657015 - 31200657025 - 31200673015
31200679035 - 31200679052 **Isuzu:** 8942226880 **Italacciai:** S114140 **Nissan-Datsun:** 23300B500 - 23300B5000 - 23300B5002
23300H5001 - 23300H5002 - 23300H5003 - 23300H5004 - 23300H5300 - 23300H5400 - 23300H6900 - 23300H6901 - 23300H6902
23300H6903 - 23300H6904 - 23300H7300 - 23300H7301 - 23300H7302 - 2330009601 - 233005002 - 233006900 - 23300H6901

APLICAÇÃO/APLICACIÓN/APPLICATION

Honda: Accord 1.6. Civic 1.2, 1.5. Civic CVCC 1975 L4 1.5 gas. Civic CVCC 1976 L4 1.5 gas. Civic CVCC 1977 L4 1.5 gas. **Isuzu:** Isuzu.
Nissan-Datsun: 210 Deluxe 1980 L4 1.4 gas. 210 Deluxe 1980 L4 1.5 gas. 210 Deluxe 1981 L4 1.5 gas. 210 Deluxe 1982 L4 1.5 gas. 210
Luxury 1982 L4 1.5 gas. 210 MPG 1981 L4 1.4 gas. 210 MPG 1982 L4 1.4 gas. J15. Sunny 120Y.

0351



T9 | SPL10 | CW
Fam. 70

ORIGINAL

Bosch: 1987BE0007 **General Motors:** 94208296 **Hitachi:** 2114N3550 - 211445004 - 211445007 - 211475001 **Isuzu:** 8942082960
8942082961 **Italacciai:** SD151 **Lester:** 16194 - 16203 - 16246 - 16270 - 16711 - 16773 - 16877 **Lucas Indiel:** 223322
Nissan-Datsun: 23312E6800 - 23312E6801 - 23312N3300 - 23312U6000 - 23312V6000 - 23312Y070

MOTOR

General Motors: 94022494 **Hitachi:** S114126 - S114126L - S114126M - S114170 - S114170B - S114170E - S114171 - S114171A
S114171D - S114172 - S114172A - S114172D - S114172E - S114173 - S114173B - S114173E - S114173F - S114174 - S114177 - S114180
S114180F - S114180M - S114181 - S114182 - S114182G - S114197 - S114202 - S114202A - S114218 - S114218A - S114229 - S114229E
S114229F - S114240 - S114247 - S114247A - S114247C - S114248 - S114295 - S114298 - S114301 - S114313 - S114343 - S114381
S114382 - S114608 - S144301 **Ishikawajima:** 185086320 - 185086321 **Isuzu:** 5811001300 - 5811001370 - 8941305600 - 8942044380
8942045380 - 8942134065 - 8942135381 - 8942138220 - 8942226880 - 8942243880 - 8942340650 **Italacciai:** 23300N3301
Nissan-Datsun: 23300E6800 - 23300E6801 - 23300N0900 - 23300N3301 - 23300N3304 - 23300S0100 - 23300U0100 - 23300U0101
23300U0102 - 23300U0601 - 23300U0602 - 23300U6001 - 23300U6002 - 23300U6003 - 23300U6004 - 23300U6005 - 23300W0400
23300W0401 - 23300Y0700 - 23300Y0701 - 2330018C05 - 2330018C06 - 2330069690 - 2330069960

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Chevy Lux. S10 importada.

Isuzu: Datsun c/ partida Bosch.

New Holland: Trator.

Nissan-Datsun: 260Z 2+2 1974 L6 2.6 gas. 280Z 2+2 1975 L6 2.8 gas. 280Z 2+2 1976 L6 2.8 gas. 280Z 2+2 1977 L6 2.8 gas. Bluebird 1.6, 1.8. Laurel 2.4. Patrol 2.8, 4.0. J18.

0352



ORIGINAL

Bendix: 1987BE0008 **Italacciai:** SD169 **Lester:** 16500 - 16514 - 16522 - 16527 - 16579 - 16588 - 16708 - 16728 - 16742 - 16793 16794 - 16858 - 16859 - 16938 - 16940 - 16941 **Lucas Indiel:** 223236 **Mazda:** H83318X45 - 808824722 **Mitsubishi:** MD607283 MD608273 - M191T30974 - M191T33371 - M191T34071 - M191T35171 **Nissan-Datsun:** 23312Y0511 **Suzuki:** 3132072031

MOTOR

Italacciai: 23300B5013

Mazda: D306A8400B - D30618400A - D50118400 - D50118400A - D50218400 - D50218400A - D50518400 - D50518400A - E30118400 E30118400A - E35618400A - FE0518400 - FE0518400B - FE0518400C - FE5018400 - FE5018400A - FE5018400B - FE7918400 F601 - F60118400 - F60118400A - F60118400B - F80218400 - F80218400A - F80218400B - F80618400 - F85018400 - F85018400A F85018400B - HE1918400 - HE1918400A - HE1918400B - HE2018400 - HE2018400A - H83318400 - 032418400B - 077918400 077918400A - 808818400A - 813118400 - 813118400A - 821818400 - 893618400 - 893718400 - 896418400 896718400

Mitsubishi: MD001333 - MD001555 - MD0019891 - MD019891 - MD019895 - MD021674 - MD027400 - MD027401 - MD034120 MD034121 - MD085730 - MD21674MGA060 - MM111514 - MM115513 - MM115514 - MM115517 - M2T10282 - M2T20181 - M2T20181A M2T20182 - M2T20223 - M2T20281 - M2T20282 - M3T10172 - M3T110172 - M3T20081 - M3T20181 - M3T20381 - M3T20681 M3T20681A - M3T20781 - M3T21281 - M3T21282 - M3T21381 - M3T22081 - M3T22381 - M3T22581 - M3T22582 - M3T22681 - M3T22781 M3T24481 - M3T24482 - M3T24482A - M3T24483 - M3T24485 - M3T24486 - M3T24487 - M3T24488 - M3T25081 M3T25281 - M3T25781 - M3T25782 - M3T25783 - M3T25785 - M3T2581 - M3T25882 - M3T25883 - M3T25885 - M3T25891 - M3T27686 M3T29681 - M3T30081 - M3T30082 - M3T30088 - M3T30281 - M3T30282 - M3T30285 - M3T30286 - M3T30381 - M3T30382 - M3T30781 M3T30782 - M3T32382 - M3T32581 - M3T32582 - M3T32583 - M3T32681 - M3T32781 - M3T32782 - M3T33381 - M3T33382 - M3T335081 M3T33581 - M3T33582 - M3T33582A - M3T335820 - M3T33583 - M3T33585 - M3T33586 - M3T33586A - M3T33587 - 3T33588 - M3T3381 M3T35081 - M3T35082 - M3T35088 - M3T39182

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge. **Hyundai:** Pony. **Kia:** Sportage 2.0 i.

Mazda: 929. 323 1.3, 1.5, 326 1.6, 2.0, B 1600, 2000. Mazda.

Mitsubishi: 4G37-64. Canter L 300. Celeste. Forklift. Galant. Sapporo. Tredia.

Nissan-Datsun: H20. L18. Nissan. Z20.

Suzuki: Samurai à gasolina 91/92.

0353



ORIGINAL

Bosch: 1987BE0009

Italacciai: SD183 - SD359

Lester: 16215 - 16222 - 16224 - 16230 - 16238 - 16261 - 16766 - 16832 - 16843 - 17354

Toyota: 2801141020 - 2801160041

MOTOR

Italacciai: 280002681

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Carina. Celica. Corolla. Corona. Crown. FJ60. Sprinter.

0361



T9 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209406 - 1006209428 - 1006209449 - 1006209466 - 1006209472 - 9001692096
Italacciai: SD345 - SD489
Lester: 16616 - 16617
Lucas: TMB450

MOTOR

Bosch: 0001208204 - 0001311100 - 0001311128 - 0001311146 - 0001314025 - 0001314027 - 0001314029 - 0001314033 - 0001314034 - 0001314035 - 0001314036 - 0001314038

APLICAÇÃO/APLICACIÓN/APPLICATION

BMW: 315, 316, 318, 320, 518, 525, 528, 628, 728.
Mazda: 323 1.3.
Mercedes Benz: L207, L307.
Peugeot: 404 diesel.
Toyota: Colt, Cressi DA, Galant, Cressi DA GL (6 Cyl. Engine).

0362



T10 | SPL10 | CW
Fam. 49

ORIGINAL

Bosch: 1006209108 - 2006209324
Italacciai: SD037
Lester: 16405 - 16595
Lucas Indiel: 223602

MOTOR

Bosch: 0001311038 - 0001311048

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Capri 1.3, 1.6, 2.0, 2000GT, Capri II, Consul 2.0, Escort, Escort RS 2000, Granada 2.0.
Opel

0365



T9 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209473
Italacciai: SD356
Lester: 16715
Lucas Indiel: 223605

MOTOR

Bosch: 0001362045 - 0001362061 - 0001362079 - 0001362086 - 0001363104 - 0001363126

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Granada 1.9, 2.0 diesel, 1.9 diesel, 2.1 diesel.
Mercedes Benz: 190E, 50NC, MAC.
Peugeot: 504 D, 505 D Turbo, 604 D Turbo, 404 D, 505 TD, 604 TD.

0366



T9 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209449 - 2006209469 - 2006209476 - 2006209485
Italacciai: SD357
John Deere: 19024524
Lester: 17075 - 17105 - 17112 - 17159 - 18026 - 18121
Lucas Indiel: 223311

MOTOR

Bosch: 0001362034 - 0001362036 - 0001362040 - 0001362041 - 0001362046 - 0001362050 - 0001362053 - 0001362072 - 0001362074 - 0001362075 - 0001362076 - 0001362091 - 0001362305 - 0001362308 - 0001362311 - 0001362313 - 0001362314 - 0001363002 - 0001363107 - 0001363109 - 0001363110 - 0001363112 - 0001363113 - 0001363115 - 0001366001 - 0001366004 - 0001366009 - 0001366014 - 0001366015 - 0001366017 - 0001366020 - 0001366022 - 0001369014

APLICAÇÃO/APLICACIÓN/APPLICATION

ABG: 128, Alexander 126, Maw 172, 173, 173s, Puma 168, 177, 178. **Agria:** 3800G, 4800K, 4800L. **Agrifull:** 60, 70, 80, 90 Turbo, 235C, 345, 355C. **Alfa Romeo:** Alfa 6 2.5 TD, Alfa 6 TD, Alfetta 2.0 TD. **Arona:** 395, 4100, 495, 952, 953, 954, AD295, PM. **Atlas-Weyhauser:** 1202, 1252, 1302C, 1702, 1902, 50, 51, 70, AB1602, ABL710, AR40, AT710, A30, A45, A50, A55, A60, B40, B41, P60. **Bomag:** B2211/212, BW2211/212, SB2211/212. **Carraro:** 625, 635, 650, 835, 850. **Claas:** 70/75R, Mercator 60. **Clayson:** 1520, 1530, 1540.

Eicher: 3705, 3706A, 3713, 3714A, 3719, 3720.

Fahr: 1002, 1080, 1102, 1202, 2385, 2480, M600, 750, 770, 900.

Farymann: G40, P10-30, S10-30. **Fiat:** Magirus Iveco 50NC.

Goldoni: Transporter 336. Universal 230.

Hamm: 5.2VTD, 8.5VTD, DV10B, GRW10, 15.

Hatra: Gigant 10, 12, 14, 6, 8. **Jenbacher:** JW277, JW278 (24V).

Kaeble: 3WT, 5WT, 8WV, WTV, WVK.

KHD: D2506, D3006, DX50V, F3L 911, F3L 912.

Lamborghini: DT503-603, R503-603, S503-603. R503, R583, R603.

Liebherr: 921/A 901B/A, R 911. **Linde:** H12 D, H15 D.

Lombardini: LDA 672, 673, 674, 833, 834. **Mercedes Benz:** 200 D.

MWM: D225, D226.2, D226.3, D327.2, D327.3. **Poclair:** TC45, TY2P, TY45.

Ruggerini: CRD95, 100 RD90, 95. **Slanzi:** DVA1500, 1550, 1750, 1800, 2200, 2700.

Valmet: 101, 102, 103, 104SU, 1051, 1052, 1053, 1054SU, 112, 113DAN, 12.5, 15,

18, 195, 198, 20, 24, 25, 295, 298, 30, 32.5, 395SV, HR488 HT, T1054SU.

0367



T9 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209492 - 2006209530 - 2006209536 - 2006209930

Fiat: 79034927 - 8122157 - 9959619 **Italacciai:** SD443

Lester: 16560 - 17073 - 17074 - 17106 - 17113 - 17127 - 17136 - 17184 - 17228 - 17320 - 18032 - 18229 - 18237 - 18250

Lucas Indiel: 223312 **Remy:** 19024520 - 19025715

MOTOR

Bosch: 0001362051 - 0001362063 - 0001362096 - 0001362097 - 0001362300 - 0001362306 - 0001362309 - 0001363116 - 0001366018
0001366021 - 0001367001 - 0001367004 - 0001367005 - 0001367007 - 0001367010 - 0001367011 - 0001367012 - 0001367014
0001367019 - 0001367021 - 0001367023 - 0001367026 - 0001367027 - 0001367030 - 0001367031 - 0001367033 - 0001367034
0001367039 - 0001367045 - 0001367046 - 0001367049 - 0001367050 - 0001367052 - 0001367059 - 0001367068 - 0001367074
0001367300 - 0001367301 - 0001368001 - 0001368002 - 0001368003 - 0001368005 - 0001368007 - 0001368008 - 0001368010
0001368011 - 0001368012 - 0001368013 - 0001368014 - 0001368017 - 0001368018 - 0001368021 - 0001368022 - 0001368024
0001368028 - 0001368030 - 0001368031 - 0001368032 - 0001368033 - 0001368035 - 0001368047 - 0001368055 - 0001368062
0001368063 - 0001368300 - 0001368301 - 0001368302 - 0001368307 - 0001368309

Italacciai: 0001362051

APLICAÇÃO / APLICACIÓN / APPLICATION

ABG: Alexander, Puma, Titan. **Agrifull:** 80, 105. **BMW:** 520. **Carraro:** Tigrone 765. **Claas:** Consul, Corsar. **Fendt:** Farmer 108, 200S, 306.

Fiat: 65NC10, 70NC10, 75NC10, 130NC, 130NR, 130NT, 150NC, 150NR, 150NT, 159NC, 159NR, 159NT, 850, 880, 880DT, 1300S.

Fiat Allis: S11, S9, SL11, SL9, SR9. 65, 70, 75, 130, 150, 159, 850. **Fiat Iveco:** Caminhão 60.9, 80, 13.80, 16, 90.13, 110.13, 110.16, 120.13, 130.13, 130.16, 65.10, 70.10, 75.10. **Harvester:** Yumbo 3944, 3945, 3960, 3961. **Kaeble:** SL12C. **Kassbohrer:** S208H.

KHD: D10006, D130006, D4006, D4506, D5006, D6006, D6206, D6806, D7006, D7206, D7506, D8006, DX100, DX85, DX90, Intrac 2002, 2003, 2004. **Lamborghini:** 1356, 1566, 653, 654, 684, 754, 854, 955. DT804, DT904. R1056DT, R1156, R1256DT, R804, R904. **Linde:** H20 D, 25 D, 30 D, 35 D. **Lombardini:** LDA 673, 674, 833, LDAM 674. **Mercedes Benz:** 1017, 1414, 1417, 1614, 1617, L 911, L1017, L1113, L1513, L613, L911, L1113, L1313, U1000, U1200, U1300, U1450. 1017AF, 1017F. 1113B. 1217AF. 280S. 302 Otobus. 508DG, 608DG. 613D. 911B. L408DG. LP1013, LP1113, LP709, LP809, LP813, LP913. 0302, 0309D, 0371U. Tratores MB1000, MB1300. U100, U1013, U1200, U1213, U1300, U1413, U1500, U1613, U1700, U800, U900. **MWM:** D225 4-6, D226 4-6, D325 4, D327 4-6, TD226 6. **Scania:** Caminhão P93H, P94. Ônibus F94, L94. P, R124/360. P, R124/400. P, R124/420. R164/480. R164/580. **Seat:** Cordoba 1.6. Ibiza 1.0, 1.0 16V, 1.4, 1.4 16V. **Volvo:** B6 série, DR860-861, F84-85-86-87, FL4 série, LM1240, LM641, LM841, LM845, LM846, SM880, T650, T800, T810, T814, VHK118. 106SU-MH 11, 114 Dan, 1154 Dans, 1154M 12.8, 1156 Dans, 1156M 12.8, 116 Dan, 50KVA, 70KVA. F406, 407, 408, 409, 613, 616, LM621, 641, 841, 845, 846, Yavuz Kamyon. **Zettelmeyer:** L800, L1000, Europ S8, S10.

0376



T9 | SPL12 | CW
Fam. 27

ORIGINAL

Allis Chalmers: 2201850102 - 22018501030 - 2201850192 **Hitachi:** 21203500 - 212035001 - 21207500 - 21207530 - 21207550

Isuzu: 5811130170 - 5811230020 - 5811230070 - 5811230160 - 9821212380 **Lester:** 17087 - 17089 - 17090 - 18064

Lucas Indiel: 223237 **Thermo King:** 442910

MOTOR

Hitachi: S1224 - S1224A - S1227 - S1241A - S1246 - S1248 - S1256 - S1258 - S1259 - S1261 - S1282 - S1288 - S1306 - S1306A - S1325
S1328 - S1331 - S1333 - S1333A - S1333B

Isuzu: 5811000571 - 5811000740 - 5811000800 - 5811000820 - 5811000990 - 5811001110 - 5811001111 - 5811001112 - 9821001520
9821001522 - 9821001830 - 9821001832

Thermo King: 442918 - 445443

APLICAÇÃO / APLICACIÓN / APPLICATION

Isuzu: KB20 D. KB10 diesel (Thermo King estacionário). KBD 25 2.0D, KBD 30D. **Jeep:** Renegade. **Komatsu:** Vários Forklifts.

Massey Ferguson: 210-4. **Nissan-Datsun:** Nissan. **TCM Equipment Ag:** Forklift SD25Z1. **Toyota:** Toyota.

0378



T11 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209425 - 2006209494 **Italacciai:** SD313
Lester: 17113 - 17229 - 18236 **Lucas Indiel:** 223313
Remy: 19024525

MOTOR

Bosch: 0001362064 - 0001362301 - 0001362303 - 0001362304 - 0001363118 - 0001366008 - 0001367008 - 0001367009 - 0001367013 - 0001367015 - 0001367018 - 0001367024 - 0001367032 - 0001367043 - 0001367067 - 0001368006 - 0001368009 - 0001368015 - 0001368025 - 0001368039 - 0001368041 - 0001368046 - 0001368049 - 0001368050 - 0001368058 - 0001368071 - 0001369009

APLICAÇÃO / APLICACIÓN / APPLICATION

Atlas Copco: Caminhões e Tratores. **Bukh:** 2G105, 3G05, 4K105, 6K105. **Carraro:** 652, 654, 655CL. Victory 6500, 7000.
Deutz: Caminhões e Tratores. **Eicher:** 3022, 3108, 3257, 3357, 3558. **Harvester:** 433V, 533V. **Hatz:** D108, E108, V108, Z108.
Jenbacher: JW440K/KL, JW444, JW602. **Lamborghini:** C603, DT704, L603, R704. **Mercedes Benz:** Caminhões e Tratores. **Pegaso:** Camion. **Same:** Caminhões e Tratores. Drago 120. Super Drago. Taurus 60. **Scania:** Caminhões e Tratores. Drago 120. **Valmet:** HR492AT, HR688H, HR688HT, HR692HT. Trator 985. **Volkswagen:** LT28, 28 D, LT31, 31 D, LT35 D. **Zetor:** 3511, 3545, 4511, 5511, 5545, 6722, 6745.

0380



T10 | - | CCW
Fam. 63

ORIGINAL

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: Allegro, Maxi, Mini.
Bedford: Ha Van.
Ford: Fiesta Van, Escort Van.
Lotus: Seven.

0381



T10 | SPL3 | CCW
Fam. 20

ORIGINAL

Lester: 3294 - 3369 - 3709 - 3853 - 3933 - 3952 - 4194 - 4215 - 4523 - 4567 - 4843 - 4888 - 6151 - 6171 - 6192 - 6542 - 6659 - 6705
Remy: 10499852 - 1877350 - 1933838 - 1947542 - 1948877 - 800965

MOTOR

Remy: 1113197 - 113647

APLICAÇÃO / APLICACIÓN / APPLICATION

Delco: 10MT, 22MT, 25MT, 27MT, 30MT, 35MT, 5D 300 séries DD.

0382



T8 | SPL10 | CW
Fam. 71

ORIGINAL

Hitachi: 211465004 - 211495002
Lester: 16579
Nissan-Datsun: 23312M1500 - 23312M15001 - 23312M1501

MOTOR

Hitachi: S114161 - S114161B - S114161E - S114161F
Nissan-Datsun: 23300M1052 - 23300M1500 - 23300M15001 - 23300M1501 - 23300M1502 - 23300M1503 - 23300M1510 - 23300M5901 - 23300M5903

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: 310 GX 1980 L4 1.4 gas. 310 GX 1981 L4 1.5 gas. Cherry 120A.

0389T11 | SPL6 | CW
Fam. 10**ORIGINAL**

Bosch: 1987BE0010 **Femsa:** 1706126 **Fiat:** 9937207 - 9941640
Italacciai: SD188 **Lucas Indiel:** 228042 **Magneti-Marelli:** 74887061 - 85540491

MOTOR

Fiat: 4470378 - 82374433
Italacciai: 04469987
Magneti-Marelli: 63221308 - 63221338 - 63221400 - 63221401 - 63221430 - 63221431 - 63221508 - 63221538 - 63221637

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 131, 132, Argenta, Argenta 1.6, Brava 131, Croma 1.6, Duna, Europa, Fiorino, Nuova Argenta, Pick-up, Prêmio, Regata 70, 85, 100, 1.3, 1.5, 1.6, Restyling 132, Ritmo 75, 85, 105CT, 125CT, Spazio, Tipo 1.4 1400 DGT, Uno Turbo, 147, 130 Super, 147, Weekend.
Lancia: Beta 1.3, 1.6, Delta 1.5, 1.6, Prisma 1.5, 1.6, Trevi 1.6. **Seat:** 124 (1.8), 131L (1.6), 131 E/L, 132.

0392T11 | SPL10 | CW
Fam. 14**ORIGINAL**

Bosch: 2006209408 - 2006209423 - 2006209438 - 9002453010 - 9002453081 **Italacciai:** SD441 **Lester:** 16565 - 16567 - 17113
 17229 - 17258 - 18028 **Remy:** 19024518

MOTOR

Bosch: 0001359004 - 0001359053 - 0001359056 - 0001359060 - 0001359075 - 0001359076 - 0001359099 - 0001359106 - 0001359108
 0001359112 - 0001359124 - 0001360029 - 0001360033 - 0001360041 - 0001360042 - 0001360054 - 0001360064 - 0001364101
 0001364102 - 0001364103 - 0001364104 - 9000143305 - 9000453089

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: 1135-1, 1135-15, 1135-50, 1135-55, 2135, 2135-50. **Carraro:** 652, 654, 655, 702, 704. **Chrysler:** Dodge C17, C20, C2662, C2664, T17. **DAF:** F2000, F2200, F2205. **Dodge:** C17, C20, C2662, C2664. **Eicher:** Mammuth, Puma, Tiger, Wotan. **Harvester:** 510, 515, 530
Hatz: D95, D108, V95, V108. **Jenbacher:** JW440K/KL, JW444, JW602. **Kassbohrer:** S80, 110, A, S120, 130, 150. **Kawasaki:** D10006, D130006, D4006, D4506, D5006, D6006, D6206, D6806, D7006, D7206, D7506, D8006, DX100, DX85, DX90, Intrac 2002, 2003, 2004. **KHD:** 100 D 8FL, 9FL, 10FL, 11FL. **Lamborghini:** 904DT, C603, DT704, L603, R1056DT, R704, R804, R904. **Pegaso:** Camion **Renault:** 210.20, 230.20, 230.26, 250, D17, D20. **Renault V.I.:** D210.20, D230.20, D230.26, F.2100, F.2103, F.2105. **Same:** Buffalo, Corsaro, Drago. **Steyr Puch - Valmet:** HR688H, HR688HT, 885. Trator 885S, 985S, 1180S, 1380S, 1680S, c/ motor Valtra (importado). **Volkswagen:** LT28, LT31, LT35. **Zetor:** 3511, 3545, 4511, 5545, 6711, 10, 11, 12, 20, 21, 23.

0394T11 | SPL10 | CW
Fam. 78**ORIGINAL**

Fiat: 9936050 - 9938235 - 9941642
Italacciai: SD187
Lucas Indiel: 223240
Magneti-Marelli: 74891161 - 74898071 - 85540521

MOTOR

Fiat: 5991832
Italacciai: 05991832
Magneti-Marelli: 63221403 - 63221433 - 63221434 - 63221500 - 63221503 - 63221509 - 63221530 - 63221533 - 63221539
 63221632 - 63221639 - 63221730 - 63221731

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi - Fiat: 124 Spider, 127 Brasile diesel, 127 D, 131 2.0, 132 2.0, Argenta, CHT Turbo 2.0, Croma, Croma 2000, Fiorino diesel, Panda diesel, Regata, Spyder 124 2.0, Uno diesel.
Lancia: Beta 2.0, Delta 1.6 HF Turbo, Delta HF4WD, Prisma 1.6 4WD, Thema 2.0, Thema 2000IE, Turbo.

0395T9 | SPL10 | CW
Fam. 78**ORIGINAL**

Fiat: 9938328 - 9941467
Italacciai: SD185
Lucas Indiel: 223241
Magneti-Marelli: 74888761 - 74895431 - 85540481

MOTOR

Fiat: 5933930 - 5996771
Italacciai: 05933930
Magneti-Marelli: 63223000 - 63223203 - 63223206 - 63223207 - 63223236 - 63223237 - 63223300 - 63223330 - 63223332

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: 320, 320i, 321i, 323i, 520, 525, 528.
Fiat: Nuova Ritmo diesel, Regata diesel, Ritmo diesel.
Seat: Ibiza diesel, Ritmo diesel, Ronda diesel.

0397



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Bosch: 1987BE0034
Femsa: 170616
Lucas Indiel: 221830

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge 1500.
Ford: Fiesta 1.0, 1.3.
Hillman
Peugeot: 404.

0398



T13 | SPL12 | CW
Fam. 39

ORIGINAL

Italacciai: SD199
Lucas: TMB116 - 54246340 - 54246739 - 54247184

MOTOR

Lucas: 26317BDM50 - 26317B/H - 26355A/J - 26356ABM50 - 26356A/M - 26361A/E - 26388A/F - 26407AEM50 - 26407A/F

APLICAÇÃO / APLICACIÓN / APPLICATION

Bonser: D20, D200K, D25, D2500K.
Fiat Iveco: 129.14, 130.14.
Ford: A, D séries. Transit diesel.
Lancer: 300 séries, PD III A.

0404



T9 | SPL11 | CW
Fam. 81

ORIGINAL

Bendix: 310626 - 314529
Bosch: 1987BE0035
Ducellier: 611942
Italacciai: SD500
Lester: 16488 **Lucas Indiel:** 223244
Valeo: NE314

MOTOR

Ducellier: 532000AB - 532002 - 532003 - 532004 - 532008 - 532008AB - 532009 - 532009AB - 532010 - 532010AB - 532018 - 6221A
6231C
Italacciai: 006231C

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: Citroën. CX Athena, CX Reflex.
Peugeot: 505, 505 Inj. Peugeot.
Renault: Estafette. Fuego. R4, R5, R6, R16, R18, R20. Rodeo. Trafic. Renault.

0406



T9 | SPL10 | CCW
Fam. 92

ORIGINAL

Bosch: 1006209501
Italacciai: SD311
Lester: 16556

MOTOR

Bosch: 0001317009 - 0001317010 - 0001317018

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Granada 2.5 D. Sierra D 2.3.
Mercedes Benz: Turbo YM.
Peugeot: 404D, 504D, 505D Turbo, 604D Turbo.
Toyota: Tagora TD.
Volkswagen: Golf TD, Jetta TD. Jetta Deluxe 1981 L4 1.6 diesel. Jetta Deluxe 1982 L4 1.6 diesel. Jetta Deluxe 1983 L4 1.6 diesel. Rabbit Custom 1981 L4 1.6 diesel. Rabbit Custom 1982 L4 1.6 diesel. Rabbit Custom 1983 L4 1.6 diesel. Rabbit Deluxe 1981 L4 1.6 diesel. Rabbit Deluxe 1982 L4 1.6 diesel. Rabbit Deluxe 1983 L4 1.6 diesel. Rabbit GL DLX 1983 L4 1.6 diesel. Rabbit L 1983 L4 1.6 diesel. Rabbit L 1984 L4 1.6 diesel. Rabbit L Custom 1981 L4 1.6 diesel. Rabbit L Custom 1982 L4 1.6 diesel. Rabbit LS Custom 1983 L4 1.6 diesel. Rabbit LS Deluxe 1981 L4 1.6 diesel. Rabbit LS Deluxe 1982 L4 1.6 diesel.

0407T9 | SPL6 | CW
Fam. 91**ORIGINAL**

Fiat: 79023774 - 9000862 - 9927793 - 9929081 - 9935731 - 9936772 - 9957707 - 9986112 **Italacciai:** SD125 - SD128
Lester: 17111 - 17126 **Lucas Indiel:** 221833 **Magneti-Marelli:** 72138901 - 72139001 - 72139007 - 72363401
 72363402 - 72397101 - 72397106

MOTOR

Fiat: 4692477 - 4699704 - 4699705 - 4701920 - 4702248 - 4706008 - 4706931 - 4710224 - 4711699 - 4713805 - 4713806 - 4713807
 4737754 - 4737755 - 4737756 - 4741699 - 4745849 - 4745930 - 4752212 - 4752403 - 4752912 - 4759929 **Italacciai:** 04699705
 63216740MT67CA **Magneti-Marelli:** 63216703 - 63216707 - 63216725 - 63216726 - 63216727 - 63216740 - 63216808 - 63216825
 63216826 - 63216827 - 63216873 - 63216898 - 63217101 - 63217104 - 63217105 - 63217118 - 63217119 - 63217120 - 63217125
 63217147 - 63217201 - 63217225

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 30AR8, 32AR8, 35AR8, 40AR8. **Fiat:** Argenta D, Argenta 2.5. Campagnola. Ducato D. Nuova Argenta. 131, 132, 131 D, 132 D, 238 (1.8). **Fiat Allis:** 355, 450, 480, 500, 550, 580, 670, 780, 850, 880, 1000, 1300, FL4C, TL5. **Fiat Iveco:** Daily 28.8, 30.8, 32.8, 35.8, 40.8 Ducato. **OM:** Grinta 28.8, 30.8, 32.8, 35.8. **Renault:** Trafic 4x4. **Simit:** S60.

0408T9 | SPL6 | CW
Fam. 10**ORIGINAL**

Fiat: 9936996 - 9941751
Italacciai: SD153
Magneti-Marelli: 74886971 - 74889271 - 85540601

MOTOR

Fiat: 5972684
Italacciai: 04451826
Magneti-Marelli: 63220506 - 63220536 - 63220537 - 63220538

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão TX1600 até 12/84.
Autobianchi: A112, Y10 Touring, Y10 Turbo.
Fiat: Fiorino TT 0.9. Panda 30, 34, 45, 45 4X4. Ritmo 60 L141. Uno 0.9, Uno 45. Young. 127 (0.9), 127 (1.05), 127 Sport (1.3).
Seat: Fura. Panda.

0409T9 | SPL12 | CW
Fam. 83**ORIGINAL**

Lester: 16109 - 16283
Lucas: TNB137 - 54244686 - 54245201 - 54245341 - 54246005 - 54247077 - 54247181

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: DPB, PB.

0411T11 | SPL12 | CW
Fam. 39**ORIGINAL**

Italacciai: SD019
Lester: 16664 - 16665
Lucas: TMB124 - 54247396 - 60600077

MOTOR

Lucas: 26278H - 26301H - 27413A/D - 27421A/B - 27463A/D

APLICAÇÃO / APLICACIÓN / APPLICATION

Allis Chalmers: ED40 Tractor.
Bonser: 50 D, 60 D, 70 D, 90 D, LS45.
David Brown: 580, 770, 780, 880, 885, 990.

0412



ORIGINAL

Lester: 16166 - 16173 - 16284
Lucas: TNB142 - TNB147 - TNB149 - 54243657 - 54246252 - 54249032 - 54249041 - 54249043 - 54262658

MOTOR

Lucas: 25619A/K - 25624AF2M100 - 25642A/F - 25647A/L - 25651A/B - 25662A/E - 25674A/E - 25684A/J - 25686A/H - 25689A/J - 25692A/J - 25695A/F - 25699A/J - 25704A/D - 25706A/D - 25707A/D - 25710A/D - 25714A/D - 25718A/D - 25719A/D - 25720A/D - 25722A/D - 25728A/D - 25729A/D - 25734A/D - 25739A/D - 25742A - 25743A/D - 25743AD3M100 - 25755A - 25756A

APLICAÇÃO/APLICACIÓN/APPLICATION

Bedford: CA 1.8, 2.0, CF 1.6 2.0.
Daimler: Limousine, Sovereign.
Ford: Capri, Consul, Granada.
Jaguar: 420, E Type, XJ6.
Lotus: Eclat, Elite, Esprit.
Morris: 180, 2200, Ital 1.7.
Triumph: 2000, 2500, TR6.
TVR: 3000, Vixen.
Vauxhall: Cresta, Firenze, Magnum.

0414



ORIGINAL

Lester: 16164
Lucas: TNB145 - 54247179 - 54249035

MOTOR

Lucas: 25705AD2M100 - 25732BE2M100

APLICAÇÃO/APLICACIÓN/APPLICATION

M.G.: MGB.

0417



ORIGINAL

Bosch: 1006209436
Lester: 16787

MOTOR

Bosch: 0001314017

APLICAÇÃO/APLICACIÓN/APPLICATION

Bomag: BW905 SH/SL.
Mercedes Benz: 0302-0352 Otobus.

0418



ORIGINAL

Bosch: 2006209495 - 2006209532 **Fiat:** 9959813 **Italacciai:** SD442 **Lester:** 16558 - 18254 - 18259

MOTOR

Bosch: 0001362302 - 0001362324 - 0001367002 - 0001367017 - 0001367020 - 0001367047 - 0001367048 - 0001367051 - 0001367057 - 0001367066 - 0001367070 - 0001367071 - 0001367302 - 0001368023 - 0001368034 - 0001368040 - 0001368044 - 0001368052 - 0001368060 - 0001368068 - 0001368070 - 0001368072 - 0001368076 - 0001368082 - 0001368306 - 9000143412 - 9000143415 - 9000143416
Italacciai: 0001362302

APLICAÇÃO/APLICACIÓN/APPLICATION

DAF: F1300, F1400, F1500.
Ford: D1211 Kamyon.
Harvester: D358. Inter 1800 Kamyon.
Kawasaki: F1300D, F1400D, F1500D, F1600D, F1800D, F2105DF.
Volvo: F2250, F406, F407.

0419T10 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: 2006209462 - 2006209499
Lester: 17077 - 18024

MOTOR

Bosch: 0001362093 - 0001367006 - 0001367022 - 0001367035 - 0001367041 - 0001367042 - 0001367055 - 0001367056
 0001367063 - 0001368026 - 0001368027 - 0001368036 - 0001368038 - 0001368051

APLICAÇÃO/APLICACIÓN/APPLICATION

DAF: F1400 DF.
Dodge: Trucks S séries.
Ford: Cargo séries.
Hanomag: 20, 22C, 30, 33C, 400D.
Linde: H20, H25, H30.

0420T9 | SPL10 | CW
Fam. 92**ORIGINAL**

Bosch: 1006209500 **Italacciai:** SD310
Lester: 16623 - 17016
Lucas: TMB454
Lucas Indiel: 223249

MOTOR

Bosch: 0001316004 - 0001317007 - 0001317008 - 0001317013 - 0001317022 - 0001317025

APLICAÇÃO/APLICACIÓN/APPLICATION

Audi: 4000 (diesel), 4000 Turbo (diesel), 80D, 80D Turbo, 80 1.6 D, 80 1.6 TD.
Opel: Ascona C 1.6 D. Astra 1.7 D. Kadett D/E 1.7 D, Kadett D 1.6 D. Vectra.
Vauxhall: Astra D, Cavalier D.
Volkswagen: Passat D Turbo, Passat D, TD. Quantum Custom 1983 L4 1.6 diesel. Quantum DLX 1982 L4 1.6 diesel. Quantum DLX 1983 L4 1.6 diesel. Quantum GL Custom 1984 L4 1.6 diesel. Quantum GL Custom 1985 L4 1.6 diesel. Quantum GL Deluxe 1984 L4 1.6 diesel. Santana D Turbo, Santana D, TD.

0426T11 | SPL8 | CW
Fam. 30**ORIGINAL**

Lester: 16795
Lucas Indiel: 223644
Mazda: 489324722
Mitsubishi: M191T31071 - M191T35271

MOTOR

Mazda: 489318400B - 489318400D - 489318400E
Mitsubishi: M3T10473 - M3T10475 - M3T10476

APLICAÇÃO/APLICACIÓN/APPLICATION

Hyster: Forklifts.
Mazda: com partida Mitsubishi.

0427T10 | SPL8 | CCW
Fam. 30**ORIGINAL**

Lester: 17332
Mitsubishi: M191T32271
Onan: 1911087

MOTOR

Mitsubishi: ME0107
Onan: 19911052

APLICAÇÃO/APLICACIÓN/APPLICATION

0428



T9 | SPL10 | CCW
Fam. 93

ORIGINAL

Bosch: 1006209502
Lester: 16961

MOTOR

Bosch: 0001317011 - 0001317012 - 0001317016 - 0001317017

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Transporter D. Vanagon Campmobile 1982 L4 1.6 diesel. Vanagon Campmobile 1983 L4 1.6 diesel.

0429



T9 | SPL10 | CW
Fam. 73

ORIGINAL

Hitachi: 211415003
Lester: 18110
Nissan-Datsun: 23312C0600

MOTOR

Hitachi: S114184
Nissan-Datsun: 23300C0600

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Forklift.

0433



T9 | SPL3 | CW
Fam. 17

ORIGINAL

Lester: 6307 - 6308 - 6309 - 6310 - 6312 - 6313 - 6315 - 6316 - 6318 - 6319 - 6327 - 6330 - 6331 - 6426
Remy: D2032 - 1984511

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0434



T10 | SPL4 | CW
Fam. 41

ORIGINAL

Allis Chalmers: 02683662 - 02698850 **Case:** A47788
Caterpillar: 4N7523 **John Deere:** AR54992
Lester: 16629 - 16635 - 16643 - 16644 - 17103 - 17120 - 17349 - 17353 - 17369 - 17386
Nippondenso: 0283001280 - 0283001660

MOTOR

Allis Chalmers: 1336643 **Case:** A162469 - 91902C1 **Caterpillar:** 4N0241 - 7N0923 - 9G6941 **John Deere:** AR16277 - AR41627 - AR70611
RE13722 - RE23900
Nippondenso: 0280003290 - 0280003292 - 0280003650 - 0280003690 - 0280003930 - 0280003970 - 0280003971 - 0280005040
0280005920 - 0280005960 - 0280006920 - 0280007430 - 0280007431 - 1280000260 - 1280000771 - 1280000772 - 1280002000
1280003690 - 1280004340 - 1280005330

APLICAÇÃO / APLICACIÓN / APPLICATION

John Deere (SLC): Trator/Tractor.

0438T9 | SPL10 | CW
Fam. 36**ORIGINAL**

Lucas Indiel: 228204
Nashville: 45210100

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Deutz: Deutz.
Fiat: Turbo.
Mercedez Benz: Mercedes Benz.

0439T10 | SPL10 | CW
Fam. 36**ORIGINAL**

Bosch: 1987BE0037
Lucas Indiel: 228205
Nashville: 4520100

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Perkins: 4 e 6 cilindros tipo AN115.

0440T9 | SPL10 | CW
Fam. 25**ORIGINAL**

Lucas Indiel: 222901

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Deutz: Deutz.
Ford: Ford.
Mercedez Benz: Caminhões, Ônibus e Tratores.

0441T9 | SPL3 | CW
Fam. 35**ORIGINAL**

Bosch: 1987BE0011
Lucas Indiel: 228099 - 35256654 - 35257820

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Mercedez Benz: L608, L911, L1112, L1114, c/ motores OM314, OM325, OM352, OM355.

0443



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Bosch: 1987BE0038
Lucas Indiel: 221901
Tria: ZAE911335

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Renault: R9, R11, R18, R21.
Volkswagen: Gacel GL e GS Carat.

0445



T9 | SPL9 | CW
Fam. 5

ORIGINAL

Bosch: 1987BE0012
Lucas: 27330
Lucas Indiel: 227330 - 35257330

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Renault: Renault 4, 6, 12 c/ motor 1.4, 1.8, 2.1, Fuego, Nevada e Traffic c/ motor 1.4, 2.0 e 2.2.

0447



T11 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209475
Italacciai: SD016
Lester: 17114 - 18120
Lucas Indiel: 223657

MOTOR

Bosch: 0001362035 - 0001362042 - 0001362059 - 0001362092 - 0001362095 - 0001363105 - 0001363117 - 0001363125 - 0001366011
0001366012 - 0001366024 - 0001366027

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: Giulia diesel.
Hatz: E950.
Lamborghini: 784DT, C352, C362, C453, C503, C533, C553, C653, DT235, DT653, L503, LL503, R235, R483, R653, S235, S503.
Lombardini
Same: Aurora, Condor, Corsaro, Fox, Leopard, Panther.
V.M.: C362, C453, C533, R235.
Valmet: 20KVA, HR392A, HR488H, HR488HT, HR488HTA, HR492A, HR492HT, HT9.

0448



T9 | SPL12 | CW
Fam. 27

ORIGINAL

Bosch: 1987BE0039 **Hitachi:** 212025001 - 212045002 - 212055002 - 212075002 - 212085001 - 212085002 - 225035001
Isuzu: 5811230090 - 5811230150 - 9821212340 **Lester:** 16771 - 16818 **Lucas Indiel:** 223250 **Nissan-Datsun:** 212025001
212045002 - 23312V0601 - 2331237502 - 2331237504 - 2331276201 - 233312V0601

MOTOR

Hitachi: S12119C - S1218D - S1219C - S1219K - S1219KA - S1219KB - S1234 - S1234A - S1263 - S1263A - S1263B - S1263C - S1264
S1268 - S1268A - S1268B - S1268D - S1323 - S1334 - S1334A - S1336 - S1338 - S1340 - S1340A - S1343 - S13443 - S1345 - S1345A
S1345B - S1346 - S1346A - S25106 - S25123 - S25129 - S25132 - S25141 - S25152
Nissan-Datsun: 23300A3210 - 23300G700 - 23300G7000 - 23300G7001 - 23300G7002 - 23300G7003 - 23300G7004 - 23300G7005
23300G7006 - 23300G7007 - 23300L1800 - 23300T3400 - 23300T3470 - 23300T5600 - 23300T5601 - 23300V0600 - 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/APLICACIÓN/APPLICATION

Isuzu: Isuzu. **Nissan-Datsun:** Cedric SD22. Patrol Pick-up. Terrano II 2.7TD.

0449T9 | SPL12 | CW
Fam. 39**ORIGINAL****Lucas:** TMB150 - 54267317**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Land Rover:** 90, 110 diesel.**0450**T8 | SPL8 | CW
Fam. 47**ORIGINAL****Bosch:** 1987BE0013 **Ford:** E7GZ11350A - SDE332 **General Motors:** 96063635 **Lester:** 16514 - 16522 - 16708 - 16794 - 16795 - 16922 16938 - 16940 - 16941 - 16966 - 16971 - 17181 - 17212 - 17288 - 17662 **Lucas Indiel:** 223252 **Mazda:** B63018X45 - E35618X45 **Mitsubishi:** MD607894 - MD611372 - M191T22071 - M191T22371 - M191T22771 - M191T22971 - M191T23071 - M191T23471 **Nissan-Datsun:** 2335442L10 - 2335442L11 **Suzuki:** 3132079030 - 3132082130 - 3132082139**MOTOR****Ford:** B35918400A - B63018400A - B65818400 - B67618400A - E9BZ11002A - E9JY11002A - F0BY11002B - F0BZ11002B - F0JY11002A F1JY11002A - F7GZ11002A - F9JY11002A - SAI761 - SAI772 - SAI773 - SAI780 - SAI783 - SAI788
General Motors: 30001695 **Mazda:** B30318400 - B30318400A - B31518400A - B31518400B - B35918400 - B50518400 - B59318400 B6S818400A - B61P18400 - B61R18400A - B63018400 - B63018400A - B67618400 - B67618400A - B67618400B - D50518400B - D53018400 E35618400 - E35618400B - E35718400 - FE0518400C - FE1J18400A - FE5A18400A - FE5018400E - F24018400 - F24018400B - F8B118400A F8B118400B - F8B118400C - F8B18400A - F85018400E - 478010400 - 478018400 - 478018400A **Mitsubishi:** MD100431 - MD016729 MD016851 - MD016863 - MD066761 - MD081567 - MD081568 - MD100431 - MD101219 - MD107614 - MD107615 - MD161437 - MD162836 MD162837 - MD162838 - MD164866 - MD180238 - MD180239 - MD189054 - MD192222 - MD192228 - MD81567 - M2T30581 - M2T30583 M2T322 - M2T32281 - M2T40081 - M2T42881 - M2T44081 - M2T48081 - M2T49881 - M3MT30583 - M3M32722 - M3M32782 - M3Q38882 M3T016851 - M3T016863 - M3T066761 - M3T14482J - M3T162838 - M3T164866 - M3T189054 - M3T21281 - M3T21281D - M3T21381 M3T21381D - M3T21781 - M3T21781D - M3T21882 - M3T21882D - M3T22581 - M3T244 - M3T24482 - M3T24482H - M3T24482K M3T24486H - M3T25252H - M3T25282H - M3T25285A - M3T25885 - M3T25885A - M3T27686D - M3T27786 - M3T29482 - M3T29482D M3T302589 - M3T30581 - M3T30583 - M3T30681 - M3T30881 - M3T30981 - M3T32588 - M3T32589 - M3T32591 - M3T32592 - M3T32593 M3T32782D - M3T33182 - M3T33281 - M3T33282 - M3T3586D - M3T38082 - M3T38181 - M3T38381 - M3T38481 - M3T38581 - M3T38682 M3T388682 - M3T38881 - M3T38881A - M3T38881B - M3T38881C - M3T38882 - M3T38882A - M3T38882B - M3T38882C - M3T38883 M3T38884 - M3T38885 - M3T38981 - M3T38982 - M3T39385 - M3T39481 - M3T39523 - M3T39981 - M3T4010081 - M3T41081 - M3T41083 M3T41088 - M3T41181 - M3T41185 - M3T41186 - M3T41282 - M3T41285 - M3T41681 - M3T42781 - M3T42881 - M3T43381 - M3T43481 M3T43581 - M3T48181 - M3T49381 - M3T49581 - M3T49585 - M3T49781 - M3T70081 - M3V38881 - M3V38882 - M3Y24482 - 1368852 901286806 **Nissan-Datsun:** 23300D0214 - 23300L2912 - 23300P5113 - 23300P5114 - 23300T5070 - 23300T5072 - 23300W0413 23300W0417 - 23300Y0715 - 2330000H10 - 2330000H11 - 2330001E11 - 2330001E13 - 2330005H11 - 2330041B70 - 2330042L11 2330042L13 - 2330042L14 - 2330060510 **Suzuki:** 3110080091 - 3110083010 - 3110083021**APLICAÇÃO / APLICACIÓN / APPLICATION****Hyster:** Empilhadeira c/ motor H45, 60XM, todos c/ partida Mitsubishi - MD. Loader (H45, 60XM Engine). **Hyundai:** Accent, Accent GLS, Excel, Pony, Sonata 2.4, 3.0, Stellar. **Kia:** Sephia GTX 1.5 16V, SLX 1.6 8V, a partir de 94. Sportage c/ motor OHC 16V à gasolina. **Mazda:** 323 1.3, 1.5, B2000, B2200, MX 5 (Miata) 1.6, 1.8, Xedos 1.6. **Mitsubishi:** 4G15, 4G32, 4G62, 4G92, Carisma, Celeste, Celeste c/ motor GP 25/30, todos c/ partida Mitsubishi MD. Colt, Galant 1.6, 1.8, 2.0, Galant c/ motor GP 25/30, c/ partida Mitsubishi MD. L300 1.6, 1.8, 2.0, 2.4, Lancer 1.2, 1.3, 1.5, 1.8, Sapporo c/ motor GP 25, 30, todos c/ partida Mitsubishi MD. Space Wagon 1.8, 2.0, Starion. Starion c/ motor GP 25, 30, todos c/ partida Mitsubishi MD. Tredia, Tredia c/ motor GP 25, 30, todos c/ partida Mitsubishi MD. **Nissan-Datsun:** Z24, NA20. **Suzuki:** Samurai, Sidekick ano 94, SJ410, SJ413, Vitara 1.6 16V.**0451**T9 | SPL6 | CW
Fam. 80**ORIGINAL****Bosch:** 9001336223
Femsa: 1706115
Italacciai: SD427**MOTOR****Femsa:** MTA12P19 - MTA1219 - MTA1237 - MTA1238 - MTA1239 - MTA1243 - MTV124 - MTV126 - MTV128
Italacciai: MTA01219**APLICAÇÃO / APLICACIÓN / APPLICATION****DAF:** 55, 66.
Renault: R4, R4 F6, R5, R6.
Seat: 127 (0.9).
Talbot: 1100, 1200.

0453



T8 | SPL6 | CCW
Fam. 80

ORIGINAL

Bosch: 9001336203
Femsa: 9328
Italacciai: SD119
Lucas Indiel: 223254

MOTOR

Italacciai: MTA1201

APLICAÇÃO / APLICACIÓN / APPLICATION

Ebro: Siata.
Fiat: 600.
Seat: 600, 600 D.

0454



T10 | SPL3 | CW
Fam. 20

ORIGINAL

Lester: 3601 - 3725 - 3741 - 3742 - 3764 - 6305 - 6343 - 6346 - 6541
Lucas Indiel: 223659
Remy: S5894

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Silverado 1981 c/ partida Delco Remy.

0455



T10 | SPL12 | CW
Fam. 6

ORIGINAL

Bosch: 1987BE0014
Ford: E6EF11350AA - E6FZ11350A
Lester: 3196

MOTOR

Ford: E3FZ11002A - E6EF11001AA - E6FZ11002A

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort GL 1985 L4 1.9 gas. Escort GL 1987 L4 1.9 gas. Escort GL 1988 L4 1.9 gas. Escort GT 1986 L4 1.9 gas. Escort GT 1987 L4 1.9 gas. Escort GT 1988 L4 1.9 gas. Escort GT 1989 L4 1.9 gas. Escort GT 1990 L4 1.9 gas. Escort L 1985 L4 1.9 gas. Escort L 1986 L4 1.9 gas. Escort LX 1986 L4 1.9 gas. Escort LX 1988 L4 1.9 gas. Escort LX 1989 L4 1.9 gas. Escort LX 1990 L4 1.9 gas. Escort Pony 1987 L4 1.9 gas. Escort Pony 1988 L4 1.9 gas. Escort Pony 1989 L4 1.9 gas. Escort Pony 1990 L4 1.9 gas.
Mercury: Lynx XR3 1986 L4 1.9 gas. Lynx XR3 1987 L4 1.9 gas.

0458



T9 | SPL6 | CCW
Fam.17

ORIGINAL

Lucas Indiel: 221192
Paris-Rhone: 54457

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: 2 CV, AMI 6, C2, C3

0459T10 | SPL3 | CW
Fam. 35**ORIGINAL**

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

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Peugeot: Pick-up 504 diesel 1.3 Ton.

0460T10 | SPL10 | CW
Fam.15**ORIGINAL**

Bosch: 2006209431
Italacciai: SD350 - SD354
Lester: 16752
Lucas Indiel: 223256

MOTOR

Bosch: 0001359021 - 0001362081 - 0001362602 - 0001362603 - 0001362606 - 0001362607

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0461T10 | SPL9 | CW
Fam.19**ORIGINAL**

Italacciai: SD804
Lucas Indiel: 223664 - 227336
Paris-Rhone: 105325

MOTOR

Italacciai: D11E191
Paris-Rhone: D11E191

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 504 D, 505 D, 604 TD.
Talbot: Tagora D.

0462T9 | SPL9 | CW
Fam.17**ORIGINAL**

Lucas Indiel: 227336 - 35257336

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Peugeot: Peugeot.

0463



ORIGINAL

Bendix: 281025 - 293422
Ducellier: 73893
Italacciai: SD040
Lucas Indiel: 227344
Paris-Rhone: 103790 - 97584
Valeo: NE563 - NE584

MOTOR

Ducellier: 6020 - 6020E - 6020F - 6035 - 6035F - 6081 - 6081E - 6081F

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: Dodge 1500.
Fenwick: Lift 105, NJ403, TJ403.
Peugeot: 404, 404/8, J7, 504.
Saxby: Chariot Pac/Vac.

0467



ORIGINAL

Bosch: 1987BE0040
Lucas Indiel: 227783 - 228133 - 35257521 - 35257783 - 35258133

MOTOR

Lucas Indiel: 35258340

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort Guarujá c/ partida Indiel (Argentino). Escort GL. Guia 1.6 e 1.8.
Renault: Clio c/ partida Lucas Indiel.
Volkswagen: Gacel GL, GS, Carat. Gol. Senda. Santana.

0468



ORIGINAL

Bosch: 1987BE0016
Lucas Indiel: 227785 - 228139 - 35257525 - 35258139

MOTOR

Lucas Indiel: 35258380

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: CL3 1.6 (Argentino). Fuego c/ motor 2000 (Argentino e Brasileiro). Linea 21 2.2. Traffic 2.2. 21 2000, R 9, 11, 12, 18, RFS, 19 (1.6). 21GTX.

0469



ORIGINAL

Lucas Indiel: 228134 - 35257650 - 35258393

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Sierra L e Ghia 1.6 c/ partida Indiel.
Volkswagen: Apollo Classic.

0474T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** 9001066239**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****0475**T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** 1006209547 - 1006209554 - 9001066242 - 9001066247 - 9001066248 - 9001066476 - 9001690111
Lester: 17148 - 17149 - 17236 - 17237 **Lucas:** TMB554
Lucas Indiel: 223259**MOTOR****Bosch:** 0001107033 - 0001108042 - 0001108054 - 0001108063 - 0001108065 - 0001108100 - 0001108108 - 0001108115 - 0001108117
0001108129 - 0001108131 - 0001108145 - 0001109009 - 0001110011 - 0001110028 - 0001110041 - 0001110042 - 0001110111
0001115035**APLICAÇÃO / APLICACIÓN / APPLICATION****Audi:** A3, A6 1.6, 1.8, 2.0.
BMW: 316, 316i, 318, 318i, 320i, 325i, 518, 518i, 520, 520i, 523i, 525, 525i, 528i, 728i. M3. 325i.
Ford: Laser, Meteor, Transit 1.6, 2.0. VL c/ odore.
Jaguar: Daimler, Sovereign 3.6.
Land Rover: Defender 2.5.
Lombardini: 9LD 625. **Mazda:** 323 1.3, 1.5, 626/EGi.
Nissan-Datsun: Skyline Australian Bosch Electrics. **Toyota:** Corolla.**0480**T10 | SPL12 | CW
Fam. 39**ORIGINAL****Lester:** 16608 - 17647 - 18264
Lucas: TMB148 - 54247393 - 54268139 - 54290585**MOTOR****Lucas:** 27500A/J - 27504A/B - 27506A/D - 27507A/B - 27511A - 27516A/D - 27528A/D - 27553A/D - 27554A/B - 27562A/B**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Cargo séries, D, K séries.**0482**T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** F000AL1516 - F000AL1534 - F000AL1698 - F000AL1700 - 1006209503 - 1006209504 - 1006209506 - 1006209509 - 1006209513
1006209526 - 1006209528 - 1006209530 - 1006209531 - 1006209536 - 1006209548 - 1006209563 - 1006209570 - 1006209572
1006209573 - 1006209582 - 1006209619 - 1006209685 - 1006209693 - 1006209701 - 1006209705 **Fiat:** 9941314
General Motors: 90273737 **Italacciai:** SD437 **Lester:** 16401 - 16408 - 16619 - 16952 - 16956 - 16980 - 17011 - 17013 -
17039 - 17124 - 17135 - 17140 17157 - 17163 - 17164 - 17165 - 17225 - 17406 - 17407 - 17408 - 17508 - 17576 - 17664 - 17699
Lucas: TMB455 - TMB570 **Lucas Indiel:** 223261 **Volkswagen:** 02A911023 - 049911335A**MOTOR****Bosch:** 0001108001 - 0001108002 - 0001108003 - 0001108007 - 0001108009 - 0001108010 - 0001108011 - 0001108012 - 0001108016
0001108017 - 0001108018 - 0001108019 - 0001108022 - 0001108023 - 0001108024 - 0001108026 - 0001108027 - 0001108028
0001108029 - 0001108030 - 0001108031 - 0001108035 - 0001108038 - 0001108043 - 0001108044 - 0001108047 - 0001108048
0001108051 - 0001108052 - 0001108053 - 0001108056 - 0001108061 - 0001108062 - 0001108064 - 0001108072 - 0001108073
0001108074 - 0001108078 - 0001108079 - 0001108080 - 0001108081 - 0001108085 - 0001108086 - 0001108088 - 0001108089
0001108090 - 0001108093 - 0001108098 - 0001108101 - 0001108102 - 0001108107 - 0001108112 - 0001108113 - 0001108120
0001108124 - 0001108125 - 0001108126 - 0001108130 - 0001108136 - 0001108143 - 0001108148 - 0001108149 - 0001108150
0001108153 - 0001110012 - 0001110022 - 0001110023 - 0001110027 - 0001110029 - 0001110030 - 0001110045 - 0001110046
0001110048 - 0001110049 - 0001110052 - 0001110100 - 0001110101 - 0001110106 - 0001110107 - 0001110122 - 0001110128
0001112005 - 0001112007 - 0001112008 - 0001112013 - 0001112015 - 0001112021 - 0001112027 - 0001112028 - 0001112029
0001113001 - 0001113004 - 0001113007 - 0001113013 - 0001114003 - 0001114015 - 0001114016 - 0001114004 - 0001208501

0001208507 - 0001208510 - 0001208515 - 0001208516 - 0001208517 - 0001208518 - 0001208528 - 0001208705 - 0001208707
 0001208709 - 0001208710 - 0001208711 - 0001208713 - 0001208714 - 0001208717 - 0001211500 - 0001211501 - 0001211502
 0001211503 - 0001211504 - 0001211505 - 0001211510 - 0001211514 - 0001211525 - 0001211536 - 9000333104 - 9000333106
 9000333109 - 9000333114 - 9000333117

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: 145 1.3, 155, 164, 33, 75, 90. Alfa 164 (2.0), 164 (3.0), 33 (1.3, 1.5, 1.6), 75 (2.0), 90 (2.0). **Audi:** 100, 100INJ, 200, 80, 80 (1.6), 80 (1.8), 80 (1.9), 80D, 80INJ, 80TD, 90, 90D, Quattro, Coupe (1.6), 80, 80 Quattro, 90, 100, 200. Coupe Custom 1984 L5 2.2 gas. Coupe Custom 1985 L5 2.2 gas. Coupe Deluxe 1984 L5 2.2 gas. Coupe GT 1986 L5 2.2 gas. Quattro Sport 1985 L5 2.2 gas. **BMW:** 325E, 325i, 525E, 90, 900, 900INJ, 900 Turbo, 900 Turbo 16, 9000. **Citroën:** AX, BX, BX14, BX16, LNA II, Visa, Visa 10, Visa 11, Visa 14 ZX 1.9i, 2.0i a partir de 07/93. ZX diesel. **Eagle:** Premier LX 1988 L4 2.5 gas. Premier LX 1989 L4 2.5 gas. **Fiat:** 1000, Marea ELX 1.9 JTD, Marea Weekend ELX 1.9 JTD, Palio EX/ELX Turbodiesel, Palio SX 1.7 Turbodiesel, Palio Weekend ELX Turbodiesel, Panda 750, Panda 1000, Siena EX/ELX Turbodiesel, Stilo 1.9 JTD, Strada 1.7 Turbodiesel, Uno 45. **Ford:** Capri, Capri 2.3, Granada, Granada 2.0, 2.3, 2.4, 2.8, 2.9, Scorpio, Scorpio 2.4, 2.8, 2.8 INJ, 2.9, 2.9 4x4, Sierra 2.0, 2.3, 2.3 INJ, 2.8, 2.8 4x4, 2.9. **General Motors:** Corsa 1.0, 1.4 c/ partida Bosch, Omega Suprema 2.2, 3.0, Omega 3.0, 4.1, Silverado 4.1. **Jeep:** 4 cil, Cherokee Chief 1986 L4 2.5 gas, Cherokee Chief 1987 L4 2.5 gas, Cherokee Chief 1988 L4 2.5 gas, Cherokee Laredo 1986 L4 2.5 gas, Cherokee Laredo 1987 L4 2.5 gas, Cherokee Laredo 1988 L4 2.5 gas, Cherokee Laredo 1989 L4 2.5 gas, Cherokee Pioneer 1986 L4 2.5 gas, Cherokee Pioneer 1987 L4 2.5 gas, Cherokee Pioneer 1988 L4 2.5 gas, Cherokee Pioneer 1989 L4 2.5 gas, Comanche Chief 1987 L4 2.5 gas, Comanche Chief 1988 L4 2.5 gas, Comanche Custom 1986 L4 2.5 gas, Comanche Laredo 1987 L4 2.5 gas, Comanche Laredo 1988 L4 2.5 gas, Comanche Pioneer 1987 L4 2.5 gas, Comanche Pioneer 1988 L4 2.5 gas, Comanche Pioneer 1989 L4 2.5 gas, Comanche Pioneer 1990 L4 2.5 gas, Comanche Pioneer 1991 L4 2.5 gas, Comanche X 1986 L4 2.5 gas, Comanche XLS 1986 L4 2.5 gas, Wagoneer Limited 1986 L4 2.5 gas, Wagoneer Limited 1987 L4 2.5 gas, Wrangler Islander 1989 L4 2.5 gas, Wrangler Islander 1990 L4 2.5 gas, Wrangler Islander 1991 L4 2.5 gas, Wrangler Laredo 1987 L4 2.5 gas, Wrangler Laredo 1988 L4 2.5 gas, Wrangler S 1988 L4 2.5 gas, Wrangler S 1991 L4 2.5 gas, Wrangler S 1992 L4 2.5 gas, Wrangler S 1993 L4 2.5 gas, Wrangler Sahara 1988 L4 2.5 gas, Wrangler Sahara 1989 L4 2.5 gas, Wrangler Sahara 1990 L4 2.5 gas, Wrangler Sahara 1991 L4 2.5 gas, Wrangler Sport 1987 L4 2.5 gas, Wrangler Sport 1988 L4 2.5 gas. **Lancia:** Thema (8.32), Y10 1.0, 1.1 Touring. **Mercedes Benz:** 190, 190E, 200, 230. **Opel:** Ascona diesel, Ascona C, Ascona C20, Kadett E, Kadett diesel, Omega 1.8, 2.0. **Peugeot:** 106, 205, 305, 309, 405, 505, 405 DL 1989 L4 1.9 gas, 405 DL 1990 L4 1.9 gas, 405 DL 1991 L4 1.9 gas, 405 MI16 1989 L4 1.9 gas, 405 MI16 1990 L4 1.9 gas, 405 MI16 1991 L4 1.9 gas, 405 S 1989 L4 1.9 gas, 405 S 1990 L4 1.9 gas, 405 S 1991 L4 1.9 gas. **Pontiac:** Lemans Aerocoupe 1988 L4 1.6 gas, Lemans Aerocoupe YL 1988 L4 1.6 gas, Lemans SE 1988 L4 1.6 gas. **Renault:** Alliance DL 1985 L4 1.7 gas, Alliance DL 1986 L4 1.7 gas, Alliance L 1985 L4 1.7 gas, Alliance L 1986 L4 1.7 gas, Alliance Limited 1985 L4 1.7 gas, Encore Electronic 1986 L4 1.7 gas, Encore GS 1985 L4 1.7 gas, Encore GS 1986 L4 1.7 gas, Encore LS 1985 L4 1.7 gas, Encore LS 1986 L4 1.7 gas, Encore S 1985 L4 1.7 gas, Encore S 1986 L4 1.7 gas, R11, R18, R18 Turbo, R9, Trafic. **Saab:** 90, 900, 900 Turbo 16V, 9000. **Seat:** Arosa 1.4, Ibiza 1.0. **Talbot:** Horizon GT, Solara 1.6. **Volkswagen:** Derby c/ partida Bosch (Alema), Fox GL 1987 L4 1.8 gas, Fox GL 1988 L4 1.8 gas, Fox GL 1989 L4 1.8 gas, Fox GL 1990 L4 1.8 gas, Fox GL 1991 L4 1.8 gas, Fox GL 1992 L4 1.8 gas, Fox GL 1993 L4 1.8 gas, Fox GL Sport 1989 L4 1.8 gas, Fox GL Sport 1990 L4 1.8 gas, Gol c/ partida Bosch (Alema), Golf 1.1, 1.3 c/ partida Bosch (Alema), Jetta 1.3 c/ partida Bosch (Alema), Kombi c/ partida Bosch (Alema), Passat 1.6, 1.8, c/ partida Bosch (Alema), Polo 1.0, 1.3 diesel c/ partida Bosch (Alema), Quantum Custom 1982 L4 1.7 gas, Quantum Custom 1983 L4 1.7 gas, Quantum Custom 1983 L5 2.2 gas, Quantum DLX 1982 L4 1.7 gas, Quantum DLX 1983 L4 1.7 gas, Quantum DLX 1983 L5 2.2 gas, Quantum DLX 1985 L4 1.8 gas, Quantum DLX 1986 L5 2.2 gas, Quantum DLX 1987 L5 2.2 gas, Quantum GL 1988 L5 2.2 gas, Quantum GL Custom 1984 L5 2.2 gas, Quantum GL Custom 1985 L5 2.2 gas, Quantum GL Custom 1986 L5 2.2 gas, Quantum GL Custom 1987 L5 2.2 gas, Quantum GL Deluxe 1984 L5 2.2 gas, Quantum Syncro 1986 L5 2.2 gas, Quantum Syncro 1987 L5 2.2 gas, Quantum Syncro 1988 L5 2.2 gas, Santana c/ partida Bosch (Alema), Scirocco c/ partida Bosch (Alema), Station Wagon 1.6 diesel (USA) c/ partida Bosch (Alema), Transporter 1.6 diesel c/ partida Bosch (Alema), Voyage c/ partida Bosch (Alema). **Volvo:** 740 2.0, 2.2, 2.3.

0485



T11 | SPL12 | CW
Fam. 40

ORIGINAL

Lucas: TMB118 - 54243741 - 54246741

MOTOR

Lucas: 26284A/E - 26342A/B - 26342D/L

APLICAÇÃO/APLICACIÓN/APPLICATION

Valmet: 500, 542, 700, 900, 912, 1100. Valmet.

0486



T10 | SPL12 | CW
Fam. 40

ORIGINAL

Lester: 16669 - 16984 - 17648 - 17653 - 18262
Lucas: TMB121 - TNB169 - 54247389 - 54268142 - 60600038
Lucas Indiel: 223262

MOTOR

Lucas: 26233K/M - 26286F/J - 26320D/J - 26335A - 26348A/D - 270508 - 27419A/D - 27436A - 27443A - 27449A/D - 27462A/B - 27508A/D - 27509A/B - 27533A/E - 27543A/D - 27545A/B - 27546A/B - 27551A/B - 27552A/B - 27556A - 27558A/E - 27575

APLICAÇÃO/APLICACIÓN/APPLICATION

Austin: Hire Car FL2, Taxi FX4, Morris 1100.
Bedford: Caminhão, 3.5 Ton Kamyon, TJ, TK, TL séries.
Chrysler: Dodge Ranger KC, VC, KCF, DKC, DKCF, DVC, KCF, VC, WC.
Dodge: Caminhão, DKC, DKCF, DVC, KC, KCF, VC.
Lancer: 300 séries, PD III A.
Leyland: FG, FM Range.

0488T9 | SPL12 | CW
Fam. 39**ORIGINAL****Lucas:** TMB135 - 54263382**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat Romania:** 445 DT, SM, SV, V, 550, 550 DT.**0492**T10 | SPL3 | CW
Fam. 35**ORIGINAL****Lucas Indiel:** 227816 - 35257816**MOTOR****Lucas:** 35256424 - 35257655 - 35258670**APLICAÇÃO / APLICACIÓN / APPLICATION****John Deere (SLC):** Trator 6300 c/ partida Lucas.
Mercedes Benz: 190E. 200. 230.**0495**T10 | SPL6 | CW
Fam. 37**ORIGINAL****Chrysler:** 4106093 - 4145978 **Fiat:** 4091920 - 4106093 - 4145978 **Lester:** 3257 - 3258**MOTOR****Chrysler:** 40911920 - 4091950 - 4111855 - 4145359 - 4240449**APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Cordoba Crown 1980 L6 3.7 gas. Cordoba Crown 1980 V8 5.2 gas. Cordoba LS 1980 L6 3.7 gas. Cordoba LS 1981 L6 3.7 gas. Cordoba LS 1981 V8 5.2 gas. Cordoba LS 1982 L6 3.7 gas. Cordoba LS 1982 V8 5.2 gas. Lebaron Medallion 1978 V8 5.9 gas. Lebaron Medallion 1979 V8 5.9 gas. Lebaron Medallion 1980 L6 3.7 gas. Lebaron Medallion 1980 V8 5.2 gas. Lebaron Medallion 1981 L6 3.7 gas. Lebaron Medallion 1981 V8 5.2 gas. Lebaron Salon 1979 V8 5.9 gas. Lebaron Salon 1980 L6 3.7 gas. Lebaron Salon 1980 V8 5.2 gas. Lebaron Salon 1981 L6 3.7 gas. Lebaron Salon 1981 V8 5.2 gas. Lebaron Special 1981 L6 3.7 gas. Lebaron Special 1981 V8 5.2 gas. Lebaron Town and Country 1981 L6 3.7 gas. New Yorker Brougham 1978 V8 5.9 gas. New Yorker Brougham 1978 V8 6.6 gas. New Yorker Brougham 1978 V8 7.2 gas.**Dodge:** Charger Special Edition 1978 V8 5.9 gas. Charger Special Edition 1978 V8 6.6 gas. Diplomat Medallion 1978 V8 5.9 gas. Diplomat Medallion 1979 V8 5.9 gas. Diplomat Medallion 1980 L6 3.7 gas. Diplomat Medallion 1980 V8 5.2 gas. Diplomat Medallion 1981 L6 3.7 gas. Diplomat Medallion 1981 V8 5.2 gas. Diplomat Medallion 1982 L6 3.7 gas. Diplomat Medallion 1982 V8 5.2 gas. Diplomat Medallion 1983 L6 3.7 gas. Diplomat Medallion 1983 V8 5.2 gas. Diplomat Salon 1979 V8 5.9 gas. Diplomat Salon 1980 L6 3.7 gas. Diplomat Salon 1980 V8 5.2 gas. Diplomat Salon 1981 L6 3.7 gas. Diplomat Salon 1981 V8 5.2 gas. Diplomat Salon 1982 L6 3.7 gas. Diplomat Salon 1982 V8 5.2 gas. Diplomat Salon 1983 L6 3.7 gas. Diplomat Salon 1983 V8 5.2 gas. Diplomat Salon 1984 V8 5.2 gas. Diplomat Salon 1985 V8 5.2 gas. Diplomat Salon 1986 V8 5.2 gas. Diplomat Salon 1987 V8 5.2 gas. Diplomat SE 1984 V8 5.2 gas. Diplomat SE 1985 V8 5.2 gas. Diplomat SE 1986 V8 5.2 gas. Diplomat SE 1987 V8 5.2 gas. Diplomat Special 1981 L6 3.7 gas. Diplomat Special 1981 V8 5.2 gas. Diplomat Sport 1981 L6 3.7 gas. Diplomat Sport 1981 V8 5.2 gas. Magnum XE 1978 V8 5.9 gas. Magnum XE 1978 V8 6.6 gas. Magnum XE 1979 V8 5.9 gas. Monaco Brougham 1978 L6 3.7 gas. Monaco Brougham 1978 V8 5.9 gas. Monaco Brougham 1978 V8 6.6 gas. Monaco Brougham 1978 V8 7.2 gas. Monaco Crestwood 1978 V8 5.9 gas. Monaco Crestwood 1978 V8 6.6 gas.**Plymouth:** Fury Salon 1978 L6 3.7 gas. Fury Salon 1978 V8 5.9 gas. Fury Salon 1978 V8 6.6 gas. Fury Salon 1978 V8 7.2 gas. Fury Sport 1978 L6 3.7 gas. Fury Sport 1978 V8 5.9 gas. Fury Sport 1978 V8 6.6 gas. Fury Sport Suburban 1978 V8 5.9 gas. Fury Sport Suburban 1978 V8 6.6 gas. Fury Suburban 1978 V8 5.9 gas. Fury Suburban 1978 V8 6.6 gas. Gran Fury Salon 1980 L6 3.7 gas. Gran Fury Salon 1980 V8 5.2 gas.

0496T9 | SPL10 | CW
Fam.15**ORIGINAL**

Bosch: 9001083618 - 9002453076
Lucas Indiel: 223265

MOTOR

Bosch: 9000083069 - 9002453078

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão TX1600 D, 1800 D c/ MWM 229.4 (a partir de 10/88).
John Deere (SLC): Trator série 7000, 7200 Turbo c/ motor MWM TD 229.6
Müeller: Trator TR62, RT82 (MWM 229.3) a partir de 01/81.
MWM: Motor D229-3 a partir de 08/85.
Valmet: Trator 68, 68 Cafeeiro, 68 Especial a partir de 08/85.
Yanmar: Micro Trator TC11 e TC11 Super c/ partida Bosch JF.

0497T10 | SPL10 | CW
Fam.14**ORIGINAL**

Bosch: 2006209414 - 2006209444 - 9002453077 **Lester:** 16563 - 17309 **Lucas:** TNB408 **Lucas Indiel:** 222495

MOTOR

Bosch: F006AL0602 - 0001359090 - 9000083071 - 9000083075 - 9000083076 - 9000453075 - 9000453076

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: Trator 580H/SH/SH 4X4 (Cummins 433.9) a partir de 04/94 c/ partida Bosch JF. **Cummins:** Cummins c/ partida Bosch JF 10D.
Ford: Cargo com motor Cummins. F4000 ano 98. **John Deere (SLC):** HD900, 1000, JD300, 310, 350, 400, MD925, 930, 932, 935, 940.
John Deere 1020, 1030, 1040, 1065, 1075, 1085, 1120, 1130, 1140, 1530, 1630, 1640, 1830, 1840, 2040, 2140, 2150, 2240, 2350, 2550, 2750, 2940, 2950, 820, 830, 840, 920, 968, 969, 970, 975, JD300, JD310, JD350, MD330, c/ partida Bosch JF. **Komatsu:** Retroescavadeira PC150 modelo 3 (Cummins 6BT 5.9) a partir de 04/93. **Mercedes Benz:** L1113, L1116, L1117, L1316, L1317, L1516, LA1113, LA1117, LP1219 c/ partida JF e motor Cummins 6BT, 5.9 lts. LP1419 c/ partida JF e motor Cummins 6BT, 5.9 lts. MBL1319 c/ partida JF e motor Cummins 6BT, 5.9 lts. **Perkins:** 4, 6 cil. **Valmet:** Trator série 1180 (Cummins 6B 5.9 a partir de 08/90). **Volkswagen:** Caminhão 16200 c/ motor Cummins.
Zanello: Trator c/ motor MWM e Cummins.

0498T8 | SPL10 | CW
Fam. 50**ORIGINAL**

Isuzu: 8941258890
Lester: 16245 - 16880 - 16883
Nippondenso: 0283003570 - 0283003571 - 0283004410

MOTOR

Nippondenso: 1280001310 - 1280001311 - 1280002170 - 1280004670 - 1280004671

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Corolla. Starlet.

0499T8 | SPL10 | CW
Fam. 47**ORIGINAL**

Hitachi: 211445504
Lester: 16774 - 16805 - 16992
Nissan-Datsun: 23312D0100

MOTOR

Hitachi: S114319 - S114320 - S114320A - S114348 - S114348A - S114376 - S1143766B - S114389 - S114389A - S114390 - S114390A - S114391 - S114391A - S114413 - S114413A - S114426 - S114603 - S114604 - S114607 - S114607A - S114607C
Nissan-Datsun: 23300D0100 - 23300D0200 - 23300D0220 - 23300D1700 - 23300V5202 - 23300W0402 - 23300W0403 - 2330001E00 - 2330003E00 - 2330006E00 - 2330018C00 - 2330018C01 - 2330018C03 - 2330057M00 - 2330057M05 - 2330080W00

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Bluebird 1.6, 1.8, 1.8 Turbo. Laurel 2.0. Prairie 1.8. Stanza 1.6, 1.8. Urvan 2.0. Z20, Z22.

0505T10 | SPL6 | CW
Fam. 20**ORIGINAL**

Bosch: 9001453347
Lucas: TWB254
Volkswagen: TES11350A
Wapsa: 224054

MOTOR

Bosch: 9000453024 - 9000453057
Wapsa: MPB66

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: 1218, 1415, 1418, 1618, 2218, (Ford 6.6 Engine). Cargo 1114, 1117, 1218, 1314, 1317, 1418, 1514, 1517, 1615, 1618, 1619, 2215, 2218, 2218 T, 2319.

0506T10 | SPL3 | CW
Fam. 40**ORIGINAL**

Lucas: TMB103 - 54246663 - 54257675

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: Hire Car FL2. Taxi FX4.
Chrysler: Dodge.
Dodge: DKC, DKCF, DVC, KC, KCF, VC.
Lancer: 300 séries, PD III A.

0507T11 | SPL3 | CW
Fam. 39**ORIGINAL**

Lester: 16664
Lucas: TMB108 - 54242044 - 54246729

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

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

0509T10 | SPL3 | CW
Fam. 40**ORIGINAL**

Lucas: TMB112 - 54246090 - 54246734 - 54258545 - 60600209
Lucas Indiel: 223268

MOTOR

Lucas: 26234A/J

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: SB, SP, TG, TJ, TK, VAN, VAS. TK disel.
Massey Ferguson: MF487 Colheitadeira/Combine/Cosechadora.

0517



T8 | SPL10 | CCW
Fam. 50

ORIGINAL

Hitachi: 211415504 **Lester:** 16775 - 17057 - 17147 - 17295
Nissan-Datsun: 23312KA050 - 23312M8000 - 233312KA050 **Subaru:** 23300KA270 - 492866401

MOTOR

Hitachi: S114315 - S114316 - S114362 - S114364 - S114418 - S114419 - S114419A - S114-424 - S114424 - S114435 - S114435A - S114435B - S114435E - S114556 - S114556A - S114568 - S114-617 - S114630 - S114-769 - S144-617A **Nissan-Datsun:** 23300KA010 - 23300KA160 - 23300KA270 - 23300KA440 - 23300KA510 - 23300M8000 - 23300M8001 - 23300M8200 - 23300M8201 - 2330070Y00 - 2330070Y01 - 2330074Y00 - 2330085A01 **Subaru:** 23300KA010 - 23300KA270 - 23300KA290 - 429916400 - 429916500 - 429916700 - 429916710

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: 310 Deluxe 1982 L4 1.5 gas. 310 GX 1982 L4 1.5 gas. Cherry 1.0, 1.3, 1.5. E13, E15. Micra, Pulsar. Prairie, Prairie, 1.5. Sentra Classic 1991 L4 1.6 gas. Sentra Classic 1992 L4 1.6 gas. Sentra Classic 1993 L4 1.6 gas. Sentra E 1993 L4 1.6 gas. Sentra E 1994 L4 1.6 gas. Sentra GXE 1993 L4 1.6 gas. Sentra GXE 1994 L4 1.6 gas. Sentra LE 1994 L4 1.6 gas. Sentra SE 1993 L4 1.6 gas. Sentra SE 1994 L4 1.6 gas. Sentra XE 1993 L4 1.6 gas. Sentra XE 1994 L4 1.6 gas. Sunny 1.3, 1.4, 1.5, 1.6, 1.8. **Subaru:** Justy DL 1987 L3 1.2 gas. Justy DL 1988 L3 1.2 gas. Justy DL 1989 L3 1.2 gas. Justy DL 1990 L3 1.2 gas. Justy DL 1991 L3 1.2 gas. Justy DL 1992 L3 1.2 gas. Justy DL 1993 L3 1.2 gas. Justy DL 1994 L3 1.2 gas. Justy GL 1987 L3 1.2 gas. Justy GL 1988 L3 1.2 gas. Justy GL 1989 L3 1.2 gas. Justy GL 1990 L3 1.2 gas. Justy GL 1991 L3 1.2 gas. Justy GL 1992 L3 1.2 gas. Justy GL 1993 L3 1.2 gas. Justy GL 1994 L3 1.2 gas. Justy RS 1989 L3 1.2 gas.

0519



T8 | SPL8 | CCW
Fam. 47

ORIGINAL

Lester: 16732 - 16775 - 17057 - 17147 - 17580
Mitsubishi: M191T26171

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: Cherry. GA13, GA15, G16. Pulsar. Sentra. Sunny.
Subaru: Justy 1.2.

0520



T10 | SPL10 | CW
Fam.100

ORIGINAL

Bosch: F000AL1519 - F000AL1699 - 1006209510 - 1006209516 - 1006209537 - 1006209545 - 1006209566 - 1006209905
Italacciai: SD439 **Lester:** 16405 - 16530 **Lucas:** TMB566 **Lucas Indiel:** 223119

MOTOR

Bosch: 0001107014 - 0001107016 - 0001107027 - 0001107028 - 0001107029 - 0001107041 - 0001108004 - 0001108020 - 0001108033 - 0001108037 - 0001108039 - 0001108040 - 0001108057 - 0001108071 - 0001108082 - 0001108083 - 0001108087 - 0001108106 - 0001108110 - 0001108111 - 0001108121 - 0001108122 - 0001108132 - 0001108139 - 0001108140 - 0001108152 - 0001108155 - 0001110013 - 0001110019 - 0001110069 - 0001110070 - 0001112009 - 0001112012 - 0001112016 - 0001112020 - 0001112033 - 0001113003 - 0001113005 - 0001113009 - 0001114008 - 0001114014 - 0001114017 - 0001114020 - 0001114021 - 0001114022 - 0001208513 - 0001208514 - 0001208521 - 0001208706 - 0001208715 - 0001208718 - 0001211512 - 0001211513 - 0001211515

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Capri 1.6, 2.0. Escort 1.1, 1.3, 1.6, 1.6 D, XR3 e c/ motor Zetec 1.8. Euroline 2.0i. Fiesta 1.0, 1.1, 1.3, 1.4, 1.6 D, XR2. Granada 2.0. Mondeo 1.8i, 2.0i. Mondeo 1.8i, 2.0i Turnier. Orion 1.6, 1.6 D. Scorpio 1.8, 2.0, 2.0i. Sierra 1.3, 1.6, 1.8, 2.0, 2.0i, 2.3.

0522



T10 | SPL3 | CW
Fam. 20

ORIGINAL

Bosch: 1987BE0017
Remy: 1865687

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

0528T12 | SPL10 | CW
Fam.15**ORIGINAL****Bosch:** 2006209466
Lucas Indiel: 223709**MOTOR****Bosch:** 0001362307**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** FT80, 100, 120, 130, 160, 190. Transit 2.5 D, DT.**0529**T9 | SPL6 | CW
Fam.17**ORIGINAL****Bosch:** 9001452090
Wapsa: 224055**MOTOR****Bosch:** 9000452002 - 9000452004
Wapsa: MWB30**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F1000 6 cil. álcool c/ motor CID e partida Wapsa até 03/85. Ranger 6 cil. a álcool c/ motor CID a partir de 03/85 .**0530**T10 | SPL12 | CW
Fam.16**ORIGINAL****Lester:** 16752
Paris-Rhone: 103624**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Peugeot:** 504 D, 505 D, TD, 605 D, TD, J9 D.
Talbot: Tagora D.**0532**T9 | SPL10 | CW
Fam.100**ORIGINAL****Bosch:** 1006209527 **Lester:** 16963 - 16976 **Lucas Indiel:** 223329**MOTOR****Bosch:** 0001108013 - 0001108032 - 0001108045 - 0001108046 - 0001108066**APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Dodge 2.2, 2.5 lts. Laser XE 1986 L4 2.5 gas. Lebaron GTS 1986 L4 2.5 gas. Lebaron GTS 1987 L4 2.2 gas. Lebaron GTS 1988 L4 2.2 gas. Lebaron GTS 1988 L4 2.5 gas. New Yorker Turbo 1988 L4 2.2 gas. Shadow, Spirit, Voyager 2.5, 3.0 V6.**Dodge:** 600 SE 1986 L4 2.5 gas. 600 SE 1987 L4 2.2 gas. 600 SE 1987 L4 2.5 gas. 600 SE 1988 L4 2.2 gas. 600 SE 1988 L4 2.5 gas. Aries LE 1986 L4 2.5 gas. Aries LE 1987 L4 2.2 gas. Aries LE 1987 L4 2.5 gas. Aries LE 1988 L4 2.2 gas. Aries LE 1988 L4 2.5 gas. Aries SE 1986 L4 2.5 gas. Caravan LE 1986 L4 2.2 gas. Caravan LE 1987 L4 2.2 gas. Caravan LE 1987 L4 2.5 gas. Caravan LE 1988 L4 2.5 gas. Caravan SE 1986 L4 2.2 gas. Caravan SE 1987 L4 2.2 gas. Caravan SE 1987 L4 2.5 gas. Caravan SE 1988 L4 2.5 gas. Charger Shelby 1987 L4 2.2 gas. Daytona Pacifica 1987 L4 2.2 gas. Daytona Pacifica 1988 L4 2.2 gas. Daytona Shelby Z 1987 L4 2.2 gas. Daytona Shelby Z 1988 L4 2.2 gas. Dynasty LE 1988 L4 2.5 gas. Lancer 2.5. Lancer ES 1986 L4 2.5 gas. Lancer ES 1987 L4 2.2 gas. Lancer ES 1987 L4 2.5 gas. Lancer ES 1988 L4 2.2 gas. Lancer ES 1988 L4 2.5 gas. Omni Charger 1987 L4 2.2 gas. **Plymouth:** Caravelle SE 1986 L4 2.5 gas. Caravelle SE 1987 L4 2.2 gas. Caravelle SE 1987 L4 2.5 gas. Caravelle SE 1988 L4 2.2 gas. Caravelle SE 1988 L4 2.5 gas. Horizon Turismo 1987 L4 2.2 gas. Reliant LE 1986 L4 2.5 gas. Reliant LE 1987 L4 2.2 gas. Reliant LE 1987 L4 2.5 gas. Reliant LE 1988 L4 2.2 gas. Reliant LE 1988 L4 2.5 gas. Reliant SE 1986 L4 2.5 gas. Voyager LE 1986 L4 2.2 gas. Voyager LE 1987 L4 2.2 gas. Voyager LE 1988 L4 2.5 gas.

0533



T9 | SPL6 | CW
Fam.107

ORIGINAL

Bosch: 1987BE0041 **Femsa:** 106122 **Fiat:** 4141057 **Iskra:** 18900179 **Italacciai:** SD105 - SD106 **Lucas Indiel:** 223270
Magneti-Marelli: 74866151

MOTOR

Fiat: 4085959 - 4085977
Iskra: 10130150
Italacciai: MTD1201 - 04085959
Magneti-Marelli: 63222300 - 63222301 - 63222331

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: 1100D (217D), 1300, 1500, 1500L, 1600S, 1800, 1800B, 2300. 125 Polonês. 1300 (1965), 1500C, 1500L.
Fiat Polsky: 125P.
Zastava: 1300.

0536



T9 | SPL6 | CCW
Fam.108

ORIGINAL

Hitachi: 2108F3500 - 210875002
Lester: 18305
Kawasaki: 590513005

MOTOR

Hitachi: S10861F - S10866

APLICAÇÃO/APLICACIÓN/APPLICATION

Hitachi: S108-116, S108-61, (A, B, C, D, E, F, G).
Kawasaki: 21163-3003 (F, G, YR). 21163-3710, 21163-3711, 21163-5031. SX440, SX550.

0537



T9 | SPL10 | CW
Fam.73

ORIGINAL

Hitachi: 211495007
Lester: 16954

MOTOR

Hitachi: 5114232

APLICAÇÃO/APLICACIÓN/APPLICATION

Volvo: 240, 260, 340, 360.

0538



T10 | SPL10 | CW
Fam.15

ORIGINAL

Bosch: 2006209498 - 2006209533 - 2006209539 - 2006209932

MOTOR

Bosch: 0001366019 - 0001368043

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0539T10 | SPL12 | CW
Fam. 27**ORIGINAL**

Hitachi: 1303ST - 21303500
Lester: 17088 - 17294

MOTOR

Hitachi: S1284 - S1361A

APLICAÇÃO / APLICACIÓN / APPLICATION

New Holland: Trator.
Nissan-Datsun: ED30.

0540T11 | SPL6 | CW
Fam. 11**ORIGINAL**

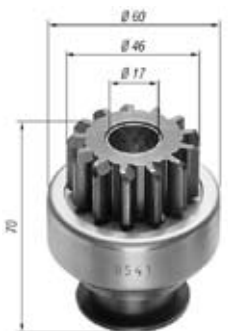
CBT: 210803708620
Lada: 210803708620
Lucas Indiel: 223271

MOTOR

CBT: 210803708010

APLICAÇÃO / APLICACIÓN / APPLICATION

Lada: 2108. Niva 4x4. Samara.

0541T13 | SPL12 | CW
Fam. 39**ORIGINAL**

Italacciai: SD486
Lucas: TNB167 - 54268140

MOTOR

Italacciai: 27501A

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Transit D.

0545T8 | SPL10 | CW
Fam. 47**ORIGINAL**

Ford: D97Z11350A - SDE311
Lester: 16245
Nippondenso: 0283002100

MOTOR

Ford: D97Z11002A - SAE728 - 868218400
Nippondenso: 0280006090

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier.

0549



T9 | SPL3 | CW
Fam. 72

ORIGINAL

Nippondenso: 0283000891
Toyota: 2801146013

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota

0554



T9 | SPL10 | CW
Fam. 33

ORIGINAL

Hitachi: 211425504 - 211495505
Lester: 16732 - 16991
Nissan-Datsun: 23312M8101

MOTOR

Hitachi: S114317 - S114317A - S114318 - S114318A - S114345 - S114345A - S114345B - S114377 - S114378 - S114378A - S114378B
Nissan-Datsun: 23300M8101 - 23300M8301 - 23300M8501 - 23300M8502 - 2330015A00 - 2330015A05 - 2330015A06

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0555



T12 | SPL19 | CW
Fam. 52

ORIGINAL

Caterpillar: 3T-8754 - 5S-6372
Facet: 10061
Lester: 3872
Remy: 1894221 - 1979835
Ww: 10061

MOTOR

Remy: 10478862 - 1109792 - 1990232 - 1990285

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0556



T11 | SPL19 | CW
Fam. 52

ORIGINAL

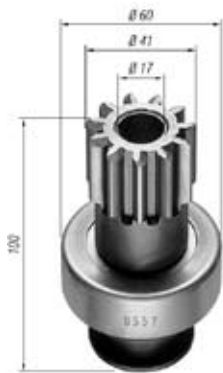
Caterpillar: 2S-3344 - 3T-5341
Facet: 10060
Lester: 3038 - 3956 - 4897 - 4918
Remy: 1894220 - 1946174
Ww: 10060

MOTOR

Remy: 10478862 - 1109792 - 1990232 - 1990285

APLICAÇÃO / APLICACIÓN / APPLICATION

Caterpillar: Caterpillar Facet.
General Motors
TCM Equipment Ag: Caterpillar Facet (11 dentes).

0557T11 | SPL12 | CW
Fam. 40**ORIGINAL****Lucas:** TNB172 - 54268565**MOTOR****Lucas:** 27512A/D**APLICAÇÃO / APLICACIÓN / APPLICATION****Valmet:** Trator 1180, 1280, 885, 985, todos c/ partida Lucas. 505, 605, 705, 805, 905.**0561**T9 | SPL6 | CW
Fam. 27**ORIGINAL****Fiat:** 4988518
Italacciai: SD145
Lester: 17219
UTB: 2130004**MOTOR****Fiat:** 4988513
Italacciai: 04988513**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat Allis:** 450.
Fiat Romania: 450.**0566**T12 | SPL3 | CW
Fam. 45**ORIGINAL****Remy:** D2026 - D2043 - 10498438 - 1875802 - 1875852 - 1877333 - 1877353 - 1932890 - 1951180 - 1965358**MOTOR****Remy:** 1113598 - 1113639 - 1113655 - 1113695 - 1998338 - 1998455**APLICAÇÃO / APLICACIÓN / APPLICATION****Detroit:** Caminhão GM c/ motor 4.53 e partida Delco Remy. Pá-Carregadeira Case c/ motor 4.53 e partida Delco Remy.**0567**T9 | SPL3 | CW
Fam. 45**ORIGINAL****Remy:** D2036 - 10499854 - 1892899 - 1952410**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

0568



T10 | SPL3 | CW
Fam. 45

ORIGINAL

Autolite-Prestolite: EBB168 **Chrysler:** 2525287 **Ford:** C6TZ11350A **Remy:** D2024 - D2025 - D2042 - 10498623 - 1852716 - 1876857
1877355 - 1933471 - 1941119 - 1941157 - 1942950 - 1950058 - 1964127 - 1966931 - 1968355 - 1971707 - 1975046 - 4019393

MOTOR

Ford: C5TF11000B - C6TF11000B - C6TZ11001A - C6TZ11002C C7TF11000A
Remy: 1107214 - 1107234 - 1107249 - 1107268 - 1107290 - 1107291 - 1107382 - 1107503 - 1107511 - 1107512 - 1107515 - 1107533
1107539 - 1107540 - 1107557 - 1107561 - 1107575 - 1107580 - 1107582 - 1107591 - 1107592 - 1107593 - 1107696 - 1107857
1107859 - 1107867 - 1107872 - 1108240 - 1108280 - 1108322 - 1108379 - 1108396 - 1108397 - 1108415 - 1108431 - 1108443
1108447 - 1108449 - 1108476 - 1108493 - 1108632 - 1108634 - 1108644 - 1108648 - 1108649 - 1108667 - 1108696 - 1109023
1109194

APLICAÇÃO/APLICACIÓN/APPLICATION

General Motors: Caminhão D478 c/ partida Delco de 69 a 72.

0570



T11 | SPL9 | CW
Fam. 86

ORIGINAL

Italacciai: SD044
Lucas: TMB266
Lucas Indiel: 223745
Paris-Rhone: 103611
Remy: 96051972

MOTOR

Paris-Rhone: D10E85 - D10E92 - D10E922

APLICAÇÃO/APLICACIÓN/APPLICATION

Peugeot: 205.
Renault: R11 D, R9 D.

0571



T10 | SPL9 | CW
Fam. 47

ORIGINAL

Italacciai: SD335
Lester: 17005
Lucas Indiel: 223315
Paris-Rhone: 99738

MOTOR

Italacciai: D11E172
Paris-Rhone: D11E172

APLICAÇÃO/APLICACIÓN/APPLICATION

Jeep: Cherokee Chief 1986 L4 2.1 diesel. Cherokee Chief 1987 L4 2.1 diesel. Cherokee Laredo 1986 L4 2.1 diesel. Cherokee Laredo 1987 L4 2.1 diesel. Cherokee Pioneer 1986 L4 2.1 diesel. Cherokee Pioneer 1987 L4 2.1 diesel. Comanche Custom 1986 L4 2.1 diesel. Comanche Laredo 1987 L4 2.1 diesel. Comanche Pioneer 1987 L4 2.1 diesel. Comanche X 1986 L4 2.1 diesel. Comanche XLS 1986 L4 2.1 diesel. Wagoneer Limited 1986 L4 2.1 diesel. Wagoneer Limited 1987 L4 2.1 diesel.
Renault: Fuego TD. R18 D, R20 D, R25 D, R30 D.

0572



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 1006209523 - 9003336291
Lester: 17040
Lucas Indiel: 223746

MOTOR

Bosch: 0001218006 - 0001218016 - 0001218021 - 0001218029 - 0001218108 - 0001218109 - 0001218110 - 0001219001 - 0001219007
0001219009

APLICAÇÃO/APLICACIÓN/APPLICATION

Mercedes Benz: 190 D 2.2, 2.5. 200 D, DT. 208 D, 209 D, 210 D, 250 D, DT, 300 D, DT, 308 D, 310 D, 408 D.
Ssangyong: Musso 2.3, 2.5 c/ partida Bosch.

0573T9 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 1006209524 - 6033AD0044 - 9003336280
Lester: 17016 - 17183
Lucas Indiel: 223747

MOTOR

Bosch: 0001218009 - 0001218011 - 0001218026 - 0001218027 - 0001218028 - 0001218135 - 0001218136 - 0001218177

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: CF.
BMW: 324 D, DT, 324TD, 524 D, DT, 524TD, 750 i.
Chrysler: Dodge. Dodge Dakota 2.5 diesel. Jeep Cherokee Sport.
Opel: Omega 2.3 D, 2.3 TD. Rekord 2.3 D, 2.3 TD. Rekord E D, DT. Senator 2.3 TD.
Peugeot: Boxer.
Vauxhall: Carlton D.

0574

T9 | SPL9 | CW

Fam. 98

ORIGINAL

Bendix: 327585 - 331025 - 331032 **Ducellier:** 583277 - 583289 - 583336 - 583347 - 683145
Italacciai: SD047 - SD499 **Lester:** 16756 - 16797
Lucas: TMB265 **Paris-Rhone:** 106140 - 183917
Valeo: NE307 - NE308 - NE603 - 583289 - 583336

MOTOR

Ducellier: 534023A - 534029A - 534031 - 534032 - 534039 - 534042AB - 534043 - 534043AB - 534044 - 534047 - 534054 - 534055
 534057
Italacciai: 534029A

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0575T10 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 1006209546
Lester: 17047
Lucas Indiel: 223120

MOTOR

Bosch: 0001110024

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Daytona 3.0 1988 a 1994. Saragata 3.0 1991 a 1993. Voyager 3.0 V6 1986 a 1993
Fiat: Duna, Uno diesel.
Renault: R9, R11 diesel.

0576T8 | SPL10 | CW
Fam. 47**ORIGINAL**

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Sprint.
Suzuki: Swift 1.3.

0577



T9 | SPL8 | CW
Fam. 31

ORIGINAL

Mitsubishi: M191T31871

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Chrysler
Hillman
IHC
Mitsubishi
Nissan-Datsun

0579



T9 | SPL10 | CCW
Fam. 102

ORIGINAL

Bosch: 0006209543 - 0006209544 - 0006209576 - 0006209596 - 0006209703 - 0006209710 - 0006209918 - 0006209919 - 0006209921
1007010045 **Fiat:** 9944373 **Lester:** 17030 - 17134 - 17222 **Lucas Indiel:** 223274

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

Seat: Córdoba SXE 1996. Córdoba 1.9 diesel, 1.9 diesel Turbo.
Volkswagen: Cabrio, GTD, GTI. Cabriolet Carat 1991 L4 1.8 gas. Cabriolet Carat 1992 L4 1.8 gas. Cabriolet Classic 1993 L4 1.8 gas. Cabriolet Etienne Aigner 1991 L4 1.8 gas. Corrado SLC 1992 V6 2.8 gas. Corrado SLC 1993 V6 2.8 gas. Corrado SLC 1994 V6 2.8 gas. Corrado V6 1993 V6 2.8 gas. Corrado V6 1994 V6 2.8 gas. Eurovan Camper 1995 L5 2.5 gas. Eurovan CL 1993 L5 2.5 gas. Eurovan CV 1993 L5 2.5 gas. Eurovan CV 1994 L5 2.5 gas. Eurovan GL 1993 L5 2.5 gas. Eurovan GL 1994 L5 2.5 gas. Eurovan GLS 1994 L5 2.5 gas. Eurovan GLS 1995 L5 2.5 gas. Eurovan MV 1993 L5 2.5 gas. Eurovan MV 1994 L5 2.5 gas. Eurovan Transport 1995 L5 2.5 gas. Gol GTI, Golf 1.6, 1.8, diesel, Golf D. Golf GL 1987 L4 1.6 diesel. Golf GL 1988 L4 1.6 diesel. Golf GL 1989 L4 1.8 gas. Golf GL 1990 L4 1.8 gas. Golf GL 1991 L4 1.8 gas. Golf GTI 16-Valve 1989 L4 1.8 gas. Golf GTI 8-Valve 1990 L4 1.8 gas. Golf GTI 8-Valve 1991 L4 1.8 gas. Golf GTI VR6 1995 V6 2.8 gas. Jetta 1.8, diesel, INJ, TD. Jetta Carat 1988 L4 1.8 gas. Jetta Carat 1989 L4 1.8 gas. Jetta Carat 1990 L4 1.8 gas. Jetta D, TD. Jetta Deluxe 1984 L4 1.6 diesel. Jetta Deluxe 1985 L4 1.6 diesel. Jetta Deluxe 1986 L4 1.6 diesel. Jetta Deluxe 1987 L4 1.8 gas. Jetta GL 1986 L4 1.6 diesel. Jetta GL 1988 L4 1.8 gas. Jetta GL 1989 L4 1.6 diesel. Jetta GL 1989 L4 1.8 gas. Jetta GL 1990 L4 1.6 diesel. Jetta GL 1990 L4 1.8 gas. Jetta GL 1991 L4 1.6 diesel. Jetta GL 1992 L4 1.6 diesel. Jetta GLI 16-Valve 1987 L4 1.8 gas. Jetta GLI 16-Valve 1988 L4 1.8 gas. Jetta GLI 16-Valve 1989 L4 1.8 gas. Jetta GLI 1987 L4 1.8 gas. Jetta GLI 1988 L4 1.8 gas. Jetta GLX 1995 V6 2.8 gas. Jetta III GLX 1994 V6 2.8 gas. Jetta III GLX 1995 V6 2.8 gas. Jetta SPORT 1987 L4 1.8 gas. Passat GLS 1993 V6 2.8 gas. Passat GLX 1993 V6 2.8 gas. Passat GLX 1994 V6 2.8 gas. Passat GLX 1995 V6 2.8 gas. Passat GLX 1996 V6 2.8 gas. Passat GLX VR6 1995 V6 2.8 gas. Passat TDI 1996 L4 1.9 diesel. Rabbit L 1984 L4 1.6 diesel. Scirocco 16-Valve 1988 L4 1.8 gas. Sincro. Transporter 2.5 TDI.

0580



T11 | SPL12 | CW
Fam. 27

ORIGINAL

Lucas Indiel: 223751
Nissan-Datsun: 23312J2003

MOTOR

Hitachi: 525131A - 525155D

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: Nissan Datsun, Patrol D. SD33.

0584T9 | SPL8 | CW
Fam. 47**ORIGINAL**

Lester: 16791 - 18162
Lucas Indiel: 223755
Mitsubishi: M191T22271 - M191T22871 - M191T23171

MOTOR

Kubota: 1585263011 - 1585263012
Mitsubishi: M2T30481 - M2T42381

APLICAÇÃO / APLICACIÓN / APPLICATION

Kubota: Trator/Tractors.

0591T10 | SPL12 | CW
Fam. 40**ORIGINAL**

Lucas: TNB173 - 54290474

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

DAF: 1000 Turbo. Road Runner 5.9.

0594T9 | SPL12 | CW
Fam. 39**ORIGINAL**

Fiat: 9956595
Lucas: TMB130 - 54248606
Lucas Indiel: 223763

MOTOR

Lucas: 26372A/B - 26385A/B - 26390A - 26390B/E - 27430A/B

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 480, 480S, 640. Trator.
Fiat Iveco: Cargo (6 cil.) Turbo. Iveco.

0595T8 | 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 - MOT70281 - MOT70381 - MOT70481 - MOT70681 - MOT70781 - MOT70981 - MOT71181 - MOT71381 - MOT71581
 MOT71681 - MOT72581 - MOT73281 - MOT73381 - MOT77681 - M1M70685 - M1M72086 - M1T70481 - M1T70482 - M1T70483 - M1T70485
 M1T70681 - M1T70685 - M1T70685A - M1T70686 - M1T70687 - M1T71381 M1T71382 - M1T71581 - M1T71681 - M1T72081 - M1T72085
 M1T72086 - M1T72086A - M1T72088 - M1T723281 - M1T72581 - M1T72583 - M1T73281 - M1T73283 - M1T73381 - M1T73383 - M1T74881
 M2T53083 **Nissan-Datsun:** 2330008U10 2330020P10 - 2330020P11 - 2330022P70 - 2330022P71 - 2330041B76 - 2330042L70
 2330050Y10 - 2330050Y11 - 2330050Y12 - 2330057M70 - 2330057M75 - 2330057M90 - 2330065Y10 - 2330077A11 - 2330084A17

APLICAÇÃO / APLICACIÓN / APPLICATION

Hyster: Empilhadeira. **Hyundai:** Elantra. Pony. Sonata, Sonata 2.4, 3.0. Stellar, Tucson. i30. **Jeep:** Eagle 1.6, 1.8, 2.0T. **Mitsubishi:** Eclipse,
 Eclipse 2.0T. Galant 2.0, 2.4, 3.0. Pajero V6 à gasolina. Sigma. Tredia 2.0. 4G63. 4G93. **Nissan-Datsun:** GA15, GA16. **Suzuki:** Sidekick ano 94.
 Vitara.

0596



T10 | SPL8 | CW
Fam. 112

ORIGINAL

Ford: E92Z11350A - E92Z11350B - SDE 335 - SDE 336 - SDE 342 - SDE335 - SDE336 - SDE342 **Lester:** 16900 - 16933 - 16998 - 17132 17176 - 17469 **Mazda:** F21418X25 **Mitsubishi:** M191T12171 - M191T13271 **Nissan-Datsun:** 2335420R10

MOTOR

Ford: E22E18400A - E92Z11002A - FE1H18400 - F02Z11002B - F12Z11002A - F22518400A - SAE770 - SAE781 **Mazda:** E22E18400 FE1H18400 - F2D418400 - F2D418400A - F21418400 - F21418400A - F21418400B - F21418400C **Mitsubishi:** MD318086 - M1M70981 M1M71281 - M1M71481 - M1M72181 - M1M72182 - M1Q71281 - M1T70981 - M1T70981A - M1T70985 - M1T71081 - M1T71281 M1T71281A - M1T71281B - M1T71481 - M1T71481A - M1T71881 - M1T72181 - M1T72181A - M1T72182 - M1T72182A **Nissan-Datsun:** 23300D0511 - 23300D0513 - 2330001Y10 - 2330020R11 - 2330020R91 - 2330030F10 - 2330030F11 - 2330044R10 - 2330044R11 - 2330051E10 - 2330051E11

APLICAÇÃO/APLICACIÓN/APPLICATION

Clark: Empilhadeira Clark CGP25, 30 c/ partida Mitsubishi.
Ford: Probe.
Mazda: 626 2.0, 2.2, Turbo, B 2200 Pick-up, MX 6 2.0, 2.2, Turbo.
Nissan-Datsun: Stanza 2.0 4WD.

0597



T10 | SPL8 | CW
Fam. 112

ORIGINAL

Lester: 16514 - 17006 - 17046 - 17564
Lucas Indiel: 223766
Mitsubishi: M191T12271 - M191T12272

MOTOR

Mitsubishi: M1T74281 - M1T74481 - M1T74482

APLICAÇÃO/APLICACIÓN/APPLICATION

Jeep: 6, 8 cil. Grand Cherokee 95, Cherokee 01/1994, Cherokee 4.0 01/1987 01/92. Wrangler 4.0, 4.2 01/88 a 01/93.
Mitsubishi: Cherokee.

0601



T9 | SPL6 | CW
Fam. 91

ORIGINAL

Fiat: 79081045 - 7984505 - 9961781
Italacciai: SD077
Lester: 18092 - 18093
Magneti-Marelli: 72159801 - 85540151

MOTOR

Magneti-Marelli: 63216731 - 63216741 - 63216831 - 63216896 - 63217126 - 63217148 - 63217154 - 63217188 - 63217226 - 63217410

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: 30, 32, 35, 40 (AR 8). 30AR8, 32AR8, 35AR8, 40AR8.
Fiat: Argenta 2.5 diesel, Argenta D. Campagnola D. Nuova Argenta (diesel). 131 (2.0, 2.5 diesel), 132 (2.0, 2.5 diesel).
Fiat Allis: 4 Apripista, 645, FE12, FE2R, FE14, FE16, FL4C, FL4D, FR20, FR7, FR9. Trattori Serie 46/66.
Fiat Iveco: Caminhão 100, 100.13, 110, 150.17, 150.20, 159.17, 159.20, 314.3, 315.8, 315.23, 50.10, 50.8, 50.9, 55.8, 55.9, 60.10, 60.8, 65.10, 70.10, 70.12, 75.10, 79.10, 79.13, 80, 80.13, 90, 90.13. Daily 28.8, 30.8, 32.8, 35.8, 40.8. Ducato 2.0, 2.5 diesel.
OM: Grinta 28.8, 30.8, 32.8, 35.8.
Seat: 131 D, 131 D 2.5.

0603



T9 | SPL10 | CW
Fam. 36

ORIGINAL

Lucas Indiel: 223277

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Deutz: F4L 913, F5L 913, F6 913.
Fiat: Caminhão F150, F160.
Mercedes Benz: OM 314, OM 352, OM 355 desde 90.

0605T9 | SPL6 | CCW
Fam. 11**ORIGINAL**

Lucas Indiel: 221911
Tria: ZAA911335 - 3143

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Volkswagen: Kombi, Pick-up, Furgão.

0607T12 | SPL4 | CW
Fam. 41**ORIGINAL**

Allis Chalmers: 268757
Lester: 16627
Nippondenso: 0283001780

MOTOR

Nippondenso: 0280004930

APLICAÇÃO / APLICACIÓN / APPLICATION**0608**T9 | SPL6 | CW
Fam. 12**ORIGINAL**

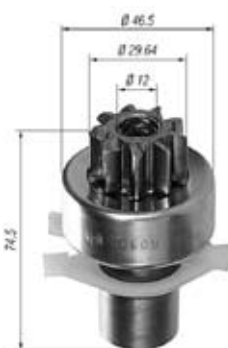
Fiat: 4169960 - 4226442 - 4474695 - 4475032
Italacciai: SD112
Magneti-Marelli: 74827301 - 74855301 - 74871431
Nissan-Datsun: 4169960 - 4226442 - 4474695 - 4475032

MOTOR

Fiat: 4169912 - 4172004 - 4172113 - 4187587 - 4187590 - 4231018 - 4232191 - 4234741 - 4269114
Italacciai: 04187587
Magneti-Marelli: 63224170 - 63224500 - 63224580 - 63224600 - 63224602

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Allis: AD4, FL4, 350, 350DT, 355, 450, 455C, 480.
Fiat Iveco: 40, 40/35, 50, 55, 80, 90, 100, 616, 625, 645, 650, 655, 662.
OM: BI20, 25, BIL10, BM12, 15, DM12, 15.

0609T9 | SPL6 | CW
Fam. 37**ORIGINAL**

Lucas Indiel: 221904
Tria: 116

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Dodge: 1500.

0610



T9 | SPL3 | CW
Fam. 95

ORIGINAL

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

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Chevrolet: Blazer V6 USA desde 1988.
General Motors: GMC. Motor p/ Empilhadeira Hyster.
Hyster: Empilhadeira Hyster.

0611



T9 | SPL6 | CW
Fam. 95

ORIGINAL

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

MOTOR

Remy: 9000773

APLICAÇÃO / APLICACIÓN / APPLICATION

Buick: Roadmaster Estate 1994 V8 5.7 gas. Roadmaster Estate 1995 V8 5.7 gas. Roadmaster Limited 1994 V8 5.7 gas. Roadmaster Limited 1995 V8 5.7 gas.
Chevrolet: Camaro Z28 1993 V8 5.7 gas. Camaro Z28 1994 V8 5.7 gas. Caprice Classic 1994 V8 5.7 gas. Caprice Classic 1995 V8 5.7 gas. Caprice LS 1994 V8 5.7 gas.
General Motors: GMC. Motor.
Mercury Marine
Pontiac: Firebird Formula 1993 V8 5.7 gas. Firebird Formula 1994 V8 5.7 gas. Firebird Trans AM 1993 V8 5.7 gas. Firebird Trans AM 1994 V8 5.7 gas. Firebird Trans AM GT 1994 V8 5.7 gas.

0612



T9 | SPL3 | CW
Fam. 95

ORIGINAL

Bosch: 1987BE0045
Lester: 6415 - 6416 - 6418 - 6424
Lucas Indiel: 223279
Remy: D2050 - 10468675 - 10473700

MOTOR

Remy: 10455053

APLICAÇÃO / APLICACIÓN / APPLICATION

Buick: Century Custom 1994 L4 2.2 gas. Century Custom 1995 V6 3.1 gas. Century Special 1994 L4 2.2 gas. Century Special 1994 V6 3.1 gas. Century Special 1995 L4 2.2 gas. Century Special 1995 V6 3.1 gas. Regal Custom 1993 V6 3.1 gas. Regal Custom 1995 V6 3.1 gas. Regal Gran Sport 1995 V6 3.1 gas. Regal Limited 1993 V6 3.1 gas. Skylark Custom 1994 V6 3.1 gas. Skylark Custom 1995 V6 3.1 gas. Skylark Gran Sport 1994 V6 3.1 gas. Skylark Gran Sport 1995 V6 3.1 gas. Skylark Limited 1994 V6 3.1 gas. Skylark Limited 1995 V6 3.1 gas. **Chevrolet:** Beretta GT 1992 L4 2.2 gas. Beretta GT 1993 V6 3.1 gas. Beretta GTZ 1993 V6 3.1 gas. Beretta Z26 1994 V6 3.1 gas. Beretta Z26 1995 V6 3.1 gas. Cavalier LS 1995 L4 2.2 gas. Cavalier RS 1992 L4 2.2 gas. Cavalier RS 1993 V6 3.1 gas. Cavalier RS 1994 L4 2.2 gas. Cavalier RS 1994 V6 3.1 gas. Cavalier VL 1992 L4 2.2 gas. Cavalier VL 1994 L4 2.2 gas. Cavalier Z24 1993 V6 3.1 gas. Cavalier Z24 1994 V6 3.1 gas. Corsica LT 1992 L4 2.2 gas. Corsica LT 1993 V6 3.1 gas. Lumina LS 1995 V6 3.1 gas. Monte Carlo LS 1995 V6 3.1 gas.
General Motors: Motor p/ Empilhadeira Hyster XM50. Pick-up Sonoma 2.2 lts. Importada. Pick-up S10 Importada 2.2 modelo LS ano 94 c/ motor 4cil, GMC Sonoma 2.2 lts.
Hyster: Empilhadeira Hyster XM50. **Isuzu:** Pick-up Normal Cab 1993 V6 3.1 gas. Pick-up Normal Cab 1994 V6 3.1 gas.
Oldsmobile: Achieva S 1994 V6 3.1 gas. Achieva S 1995 V6 3.1 gas. Achieva SC 1994 V6 3.1 gas. Achieva SC 1995 V6 3.1 gas. Achieva SL 1994 V6 3.1 gas. Achieva SL 1995 V6 3.1 gas. Ciera Crusier SL 1995 V6 3.1 gas. Ciera SL 1995 L4 2.2 gas. Ciera SL 1995 V6 3.1 gas.
Pontiac: Grand AM GT 1994 V6 3.1 gas. Grand AM GT 1995 V6 3.1 gas. Grand AM SE 1994 V6 3.1 gas. Grand AM SE 1995 V6 3.1 gas. Grand Prix SE 1995 V6 3.1 gas. Sunbird GT 1993 V6 3.1 gas. Sunbird LE 1993 V6 3.1 gas. Sunbird LE 1994 V6 3.1 gas. Sunbird SE 1993 V6 3.1 gas. Sunbird SE 1994 V6 3.1 gas. Sunfire GT 1995 L4 2.2 gas. Sunfire SE 1995 L4 2.2 gas.
TCM Equipment Ag: Empilhadeira Hyster XM50. GM - S10 Importada 2.2 lts.

0613T9 | SPL10 | CCW
Fam. 101**ORIGINAL**

Bosch: 1006209532
Lester: 17068

MOTOR

Bosch: 0001110009 - 0001110010

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0615T11 | SPL3 | CCW
Fam. 39**ORIGINAL**

Lucas: TMB106 - 54246727

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0617T9 | SPL8 | CW
Fam. 110**ORIGINAL**

General Motors: 96058480
Lester: 17166 - 17194 - 17206
Mitsubishi: M191T12871
Suzuki: 3132060A10

MOTOR

General Motors: 96058456 - 96058457 - 96064782 - 96064783
Mitsubishi: M1T72481 - M1T74581
Suzuki: 3110050A10 - 3110060AC1 - 3110060A11 - 3110060A20 - 3110060A21

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi
Nissan-Datsun
Suzuki: Vitara.

0619T9 | SPL10 | CCW
Fam. 102**ORIGINAL**

Bosch: F000AL1520 - F000AL1708 - 1006209522
Lester: 17030
Lucas Indiel: 223782

MOTOR

Bosch: 0001110001

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Eurovan Camper 1995 L5 2.5 gas. Eurovan CL 1993 L5 2.5 gas. Eurovan CV 1993 L5 2.5 gas. Eurovan CV 1994 L5 2.5 gas. Eurovan GL 1993 L5 2.5 gas. Eurovan GL 1994 L5 2.5 gas. Eurovan GLS 1994 L5 2.5 gas. Eurovan GLS 1995 L5 2.5 gas. Eurovan MV 1993 L5 2.5 gas. Eurovan MV 1994 L5 2.5 gas. Eurovan Transport 1995 L5 2.5 gas. Golf Turbo diesel. Golf D, Jetta D, TD. Jetta Deluxe 1984 L4 1.6 diesel. Jetta Deluxe 1985 L4 1.6 diesel. Jetta Deluxe 1986 L4 1.6 diesel. Jetta GL 1986 L4 1.6 diesel. Jetta GL 1989 L4 1.6 diesel. Jetta GL 1990 L4 1.6 diesel. Jetta GL 1991 L4 1.6 diesel. Jetta GL 1992 L4 1.6 diesel. Jetta Turbo, diesel. Rabbit L 1984 L4 1.6 diesel.

0622



T12 | SPL19 | CW
Fam. 51

ORIGINAL

Bosch: 9001453601
Facet: 10627
Wapsa: 224057

MOTOR

Bosch: F000AL0302 - 9000453064 - 9000453065 - 9000453067 - 9000453068

APLICAÇÃO / APLICACIÓN / APPLICATION

Cummins: Motor Serie C.
Komatsu: GD523, 623 (Cummins C séries). Motoniveladora GD523, GD623 c/ motor Cummins série C. Pá Carregadeira c/ motor Cummins série C.
Mercedes Benz: L1625. L2325, LB2325, LK2325. L2635. LG1825. LS1625. LS1630. LS1935. LS1941.

0624



T12 | SPL3 | CW
Fam. 45

Substitui/Cambiar/Replaces 0858

ORIGINAL

Bosch: 1987BE0019 **Facet:** 10624 - 10640 **Lucas Indiel:** 220400 **Remy:** 1985262 **Ww:** 10640

MOTOR

Remy: 10461007 - 10461008 - 10461010 - 10461013 - 10461016 - 10461018 - 10478805 - 10478811 - 10478825 - 10478826 - 10478927 - 10478949 - 10478960 - 10479014 - 10479034 - 10479196 - 1990310 - 1990313 - 1990315 - 1990316 - 1990317 - 1990319 - 1990320 - 1990321 - 1990327 - 1990330 - 1990331 - 1990332 - 1990336 - 1990498 - 1990707 - 1993669 - 1993709 - 1993713 - 1993719 - 1993728 - 1993729 - 1993732 - 1993742 - 1993745 - 1993746 - 1993755 - 1993763 - 1993764 - 1993768 - 1993770 - 1993778 - 1993791 - 1993794 - 1993831 - 1993832 - 1993851 - 1993853 - 1993861 - 1993865 - 1993869 - 1993871 - 1993873 - 1993874 - 1993878 - 1993881 - 1993883 - 1993885 - 1993887 - 1993891 - 1993898 - 1993901 - 1993902 - 1993909 - 1993910 - 1993911 - 1993918 - 1993920 - 1993926 - 1993928 - 1993931 - 1993953 - 1993958 - 1993964 - 1993965 - 1993966 - 1993974 - 1993992 - 1993997 - 323841 - 323842 - 323843 - 323844 - 323847 - 323850 - 323852

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: C/ partida Delco Remy.
Caterpillar
Clark
Cummins: Cummins c/ partida Delco Remy 37MT 12/14V 12D (motores série C - GMC, MB, VW Caminhões).
Ford: F9000, LN9000. C/ partida Delco Remy
General Motors: C/ partida Delco Remy
John Deere (SLC): C/ partida Delco Remy.
Lister
Mercedes Benz: Caminhão/Ônibus 1625, 1630, 1825, 1935, 1941, 2325, 0400R, 0400RS, 0400RSD, 0400RSL (OM 449A). Plataforma e Ônibus O370 (OM355-5, 6, 6A, 6LA), O371 (OM355-5A, 6A, 6LA), O371UP (OM355-5). Motor OM 355.5, 355.6, 355.6A, 335.6LA, 355.5 série BR400 c/ partida Delco Remy 37MT 12/24V. Ônibus O355 (OM355-6), O364 (OM355-5 e 6), O365 (OM355-5), O370, O371, O371UP.
MWM: Motor 3, 4, 6 cil. c/ partida Bosch JF.
Perkins
TCM Equipment Ag: Série 37MT 12/24V (MB, VW, Ford).
Volkswagen: Caminhão c/ motor Cummins série C. Caminhão P100501, P100502 c/ partida Delco Remy 37MT.
Waukesha

0625



T10 | SPL3 | CW
Fam. 45

ORIGINAL

Bosch: 1987BE0046
Facet: 10621 - 10639
Ford: E6HZ11350A
Lester: 6204 - 6348 - 6387 - 6391 - 6410 - 6467
Remy: 1986244
Ww: 10639

MOTOR

John Deere (SLC): E48134
Remy: 10461001 - 10461002 - 10461003 - 10461005 - 10461006 - 10461015 - 10461039 - 10461044 - 10461069 - 10478806 - 10478814 - 10478819 - 10478831 - 10478890 - 10478921 - 10478928 - 10478929 - 10478930 - 10478953 - 10478957 - 10478976 - 10479015 - 10479016 - 10479020 - 10479035 - 10479036 - 10479054 - 10479068 - 10479069 - 1990308 - 1990309 - 1990311 - 1990312 - 1990315 - 1990318 - 1990326 - 1990347 - 1990499 - 1993701 - 1993702 - 1993705 - 1993712 - 1993723 - 1993726 - 1993738 - 1993741 - 1993744 - 1993754 - 1993756 - 1993759 - 1993761 - 1993762 - 1993767 - 1993769 - 1993789 - 1993790 - 1993792 - 1993793 - 1993799 - 1993800 - 1993817 - 1993818 - 1993819 - 1993829 - 1993832 - 1993837 - 1993850 - 1993854 - 1993855 - 1993862 - 1993866 - 1993879 - 1993880 - 1993881 - 1993886 - 1993893 - 1993894 - 1993903 - 1993905 - 1993914 - 1993917 - 1993921 - 1993947 - 1993950 - 1993951 - 1993954 - 1993955 - 1993956 - 1993957 - 1993963 - 1993970 - 1993971 - 1993981 - 1993986 - 1993988 - 1993994 - 323818 - 323834 - 323835 - 323836 - 323837 - 323839 - 323840 - 323849 - 323868 - 323869 - 323879 - 323880

APLICAÇÃO / APLICACIÓN / APPLICATION

Case**Clark****Cummins:** Cummins c/ partida Delco Remy 37MT 12/24V 10D (VW Caminhões 6 cil. Turbo).**Detroit:** Diesel.**Ford:** Caminhão Cargo c/ motor 7.8 lts. F-800.**General Motors:** Caminhão Truck. Caminhões c/ motor Caterpillar e partida Delco Remy 37MT 12/24V. Caminhões 14190.**IHC****John Deere (SLC)****Komatsu****Massey Ferguson****Perkins****TCM Equipment Ag:** Série 37MT 12/24V (MB, VW, Ford).**Volkswagen:** Caminhão VW13.210, VW14.210, VW22.210, todos c/ motor Cummins 6 cil. Turbo e partida Delco Remy 37MT.**0626**T11 | SPL19 | CCW
Fam. 51

ORIGINAL

Caterpillar: 5L-6429 - 93090**Facet:** 480135 - 480322**Leece-Neville:** M029064235**Lester:** 3039 - 3040 - 3288 - 3289 - 3290 - 3297 - 3701 - 3702 - 3747 - 3899 - 4851 - 6261 - 6263 - 6272 - 6273 - 6621 - 6622 - 6623 - 6629**Remy:** 1894212 - 1945879 - 1970527 - 1977004 - 8000067 - 830621**Ww:** 480322

MOTOR

Remy: 1109220 - 1109297 - 1109648 - 1109962 - 1113856 - 1113889 - 1113917 - 1114047 - 1114183

APLICAÇÃO / APLICACIÓN / APPLICATION

Caterpillar: Caterpillar.**Waukesha****0627**T10 | SPL6 | CCW
Fam. 20

ORIGINAL

CBT: 5800/00043

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

CBT: Utilitário Javali.**0629**T10 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 6468 - 6469 - 6570 - 6573 - 6585 - 6589 - 6590 - 6595**Lucas Indiel:** 223787**Remy:** 10456455 - 10457056 - 10457579

MOTOR

Remy: 10479621 - 10479634

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0630



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 1006209538 - 1006209539 - 1006209691
Fiat: 9940740
Italacciai: SD062
Lester: 17038 - 17150 - 17227 - 17281 - 17410 - 17698
Lucas Indiel: 222525

MOTOR

Bosch: 0001110003 - 0001110005 - 0001110016 - 0001110025 - 0001110026 - 0001110039 - 0001110053 - 0001110054 - 0001110055
 0001110075 - 0001110078 - 0001110079 - 0001110082 - 0001110089 - 0001110091 - 0001110092 - 0001110095 - 0001110102
 0001110113
Fiat: 7580192

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Duna 1.7 D, Fiorino. Selecta, Selecta TD. Tipo 1.7 D. Uno, Uno D, TD.
Fiat Iveco: Com partida Delco Remy.
Mercedes Benz: 190E, 260E, 300. E420, E420 T-Modell. E500, E500 Coupe. E500 SEC, E500 SEC Coupe, S500. E560 SEL. S420, S500. SL 500.
Peugeot: 106 D, R11 D, R9 D.
Renault: R11, R5, R9, todos diesel.

0631



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9001140317 - 9003336293
Fiat: 9939194
Italacciai: SD440
Lester: 17009
Lucas Indiel: 223285

MOTOR

Bosch: 0001218001 - 0001218004 - 0001218005 - 0001218008 - 0001218010 - 0001218012 - 0001218013 - 0001218017 - 0001218018
 0001218025 - 0001218107 - 0001218115 - 0001218120 - 0001219004 - 0001219008
Fiat: 5984563 - 5985182

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: 100 D, 100 TD. 100 2.0 D, TD, 2.5 TD, 5000.
Fiat: Marengo, Marengo 2.0 D. Regata TD, Regata 1.9 D. Ritmo TD, Ritmo 1.9 TD. Tipo TD, Tipo 1.9 TD.
Lancia: Dedra TD, Delta TD, Prisma TD.
Steyr Puch: Pinzgauer TD.
Volkswagen: LT D, TD, 4x4. LT28, LT31, LT35, LT40, LT45, LT50 D Turbo.
Volvo: 240 2.4 D, 740 2.4 D, 760 2.4 TD. 240 D, 740 D, DT, 760 TD, 780 TD.

0632



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9002336207 - 9003336201 - 9003336284
Lucas Indiel: 223788

MOTOR

Bosch: 0001218002 - 0001218015 - 0001218022 - 0001218106 - 0001218129

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Granada 2.5 D. Scorpio 2.5 D. Sierra 2.3 D.
Renault: R18 diesel. R18 2.0 D.

0633



T10 | SPL10 | CW
Fam. 92

ORIGINAL

Bosch: 1006209519
Lucas Indiel: 223789

MOTOR

Bosch: 0001317023

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort 1.6 D. Fiesta 1.6 D. Orion 1.6 D. Escort, Fiesta, Orion (1.6 D Engine), Escort 1.6 D, Fiesta 1.6 D.

0634T9 | SPL10 | CW
Fam. 117**ORIGINAL**

Hitachi: 211445012
Lester: 17454
Lucas Indiel: 223790
Nissan-Datsun: 2331242L60

MOTOR

Hitachi: S114505 - S114509 - S114526 S114526A - S114527 - S114527A
Nissan-Datsun: 23300G8400 - 2330001N00 - 2330020P00 - 2330057N60

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Pick-up. Pick-up Short Bed XE 1994 L4 2.4 gas. Pick-up XE 1994 L4 2.4 gas. Sunny 1.6i Coupè.

0635T10 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: 2006209427 - 2006209457 - 2006209459
Lester: 16563 - 17095
Lucas Indiel: 223791

MOTOR

Bosch: 0001362312 - 0001362316 - 0001362319 - 0001362321 - 0001367037 - 0001368059 - 0001369001 - 0001369005

APLICAÇÃO / APLICACIÓN / APPLICATION

John Deere (SLC): 840, 940, 1040, 1140, 1640, JD310, 350, 400, 410, MD1065, MD1075, MD932, MD942, MD952. John Deere JD310, JD350, JD400, JD410, JD450, MD1040, MD1065, MD1075, MD1085, MD1140, MD1640, MD1840, MD20401, MD2140, MD3040, MD3140, MD840, MD932, MD940, MD942, MD952, MD955, MD958, MD965. Trator/Tractor.

0636T8 | SPL8 | CCW
Fam. 47**ORIGINAL**

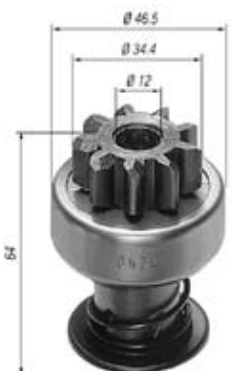
Ford: E8BZ11350A - SDE334
Lester: 17010
Lucas Indiel: 223792
Mazda: B30118X45 - B30118400
Mitsubishi: M191T26771

MOTOR

Ford: B8GY11002A - E8BZ11002A - F0BZ11002A - SAE761A - SAE763 - SAE782
Mazda: B30118400 - B30118400C - B35918400A
Mitsubishi: MC108027 - M3T33081

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Festiva.
Kia: Pride.

0638T9 | SPL10 | CW
Fam. 1**ORIGINAL**

Bosch: 1006209418
Lester: 18233

MOTOR

Bosch: 0001311050 - 0001311051 - 0001314010

APLICAÇÃO / APLICACIÓN / APPLICATION

Bomag: BW90.
Farymann: D40, E40.
Hatz: E80 FG, E80 G, E85 FG, E89.
Palmieri: PDA 625, 750, 1250.

0639T10 | SPL10 | CCW
Fam. 103**ORIGINAL**

Bosch: 1006209552 - 1006209912
Lester: 17231
Lucas: TMB474
Lucas Indiel: 223795

MOTOR

Bosch: 0001110031 - 0001110032 - 0001110061 - 0001110062 - 0001110084 - 0001110085

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort XR3, Galaxy 2.0.
Seat: Seat, Toledo 1.9 TDI.
Volkswagen: Eurovan Camper 1995 L5 2.5 gas. Eurovan CL 1993 L5 2.5 gas. Eurovan CV 1993 L5 2.5 gas. Eurovan CV 1994 L5 2.5 gas. Eurovan GL 1993 L5 2.5 gas. Eurovan GL 1994 L5 2.5 gas. Eurovan GLS 1994 L5 2.5 gas. Eurovan GLS 1995 L5 2.5 gas. Eurovan MV 1993 L5 2.5 gas. Eurovan MV 1994 L5 2.5 gas. Eurovan Transport 1995 L5 2.5 gas. Passat 1.6 D, 1.9 D, TD. Pointer. Polo. Vento 1.9 TD. VW.

0641T9 | SPL10 | CW
Fam. 84**ORIGINAL**

Bosch: 1006209561
Lester: 16963 - 17210
Lucas Indiel: 223332

MOTOR

Bosch: 0001108068 - 0001108069 - 0001108070 - 0001108103 - 0001108104 - 0001108105 - 0001108123 - 0001108134 - 0001108135
 0001108160

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Grand Caravan 3.0 i LE. Lebaron GTS 1989 L4 2.2 gas. Lebaron GTS 1989 L4 2.5 gas. Lebaron Landau 1991 L4 2.5 gas. Lebaron Landau 1992 L4 2.5 gas. Lebaron LE 1993 L4 2.5 gas. Lebaron Sedan 1992 L4 2.5 gas. Saratoga 3.0. Spirit. Voyager 2.5, 3.0, 3.3.
Dodge: Aries LE 1989 L4 2.2 gas. Aries LE 1989 L4 2.5 gas. Caravan C/V 1989 L4 2.5 gas. Caravan C/V 1990 L4 2.5 gas. Caravan C/V 1991 L4 2.5 gas. Caravan C/V 1992 L4 2.5 gas. Caravan C/V 1993 L4 2.5 gas. Caravan C/V 1994 L4 2.5 gas. Caravan C/V 1995 L4 2.5 gas. Caravan LE 1989 L4 2.5 gas. Caravan LE 1990 L4 2.5 gas. Caravan LE 1991 L4 2.5 gas. Caravan SE 1989 L4 2.5 gas. Caravan SE 1990 L4 2.5 gas. Caravan SE 1991 L4 2.5 gas. Caravan SE 1992 L4 2.5 gas. Caravan SE 1993 L4 2.5 gas. Daytona ES 1989 L4 2.5 gas. Daytona ES 1990 L4 2.5 gas. Daytona ES 1991 L4 2.5 gas. Daytona ES 1992 L4 2.5 gas. Daytona ES 1993 L4 2.5 gas. Daytona Iroc 1991 L4 2.5 gas. Daytona Iroc 1992 L4 2.5 gas. Daytona Iroc R/T 1992 L4 2.2 gas. Daytona Iroc R/T 1993 L4 2.2 gas. Daytona Shelby 1989 L4 2.2 gas. Daytona Shelby 1989 L4 2.5 gas. Daytona Shelby 1990 L4 2.2 gas. Daytona Shelby 1990 L4 2.5 gas. Daytona Shelby 1991 L4 2.5 gas. Dynasty. Dynasty LE 1989 L4 2.5 gas. Dynasty LE 1990 L4 2.5 gas. Gran Caravan 2.5. Lancer ES 1989 L4 2.5 gas. Lancer Shelby 1989 L4 2.2 gas. Lancer Shelby 1989 L4 2.5 gas. Shadow America 1991 L4 2.2 gas. Shadow America 1992 L4 2.2 gas. Shadow America 1992 L4 2.5 gas. Shadow ES 1991 L4 2.5 gas. Shadow ES 1992 L4 2.5 gas. Shadow ES 1993 L4 2.5 gas. Shadow ES 1994 L4 2.5 gas. Shadow S 1991 L4 2.2 gas. Shadow S 1992 L4 2.2 gas. Shadow S 1992 L4 2.5 gas. Shadow Shelby 1989 L4 2.2 gas. Spirit ES 1989 L4 2.5 gas. Spirit ES 1990 L4 2.5 gas. Spirit ES 1991 L4 2.5 gas. Spirit ES 1992 L4 2.5 gas. Spirit ES 1993 L4 2.5 gas. Spirit LE 1989 L4 2.5 gas. Spirit LE 1990 L4 2.5 gas. Spirit LE 1991 L4 2.5 gas. Spirit LE 1992 L4 2.5 gas. Spirit R/T 1991 L4 2.2 gas. Spirit R/T 1992 L4 2.2 gas.
Plymouth: Acclaim LE 1989 L4 2.5 gas. Acclaim LE 1990 L4 2.5 gas. Acclaim LE 1991 L4 2.5 gas. Reliant LE 1989 L4 2.2 gas. Reliant LE 1989 L4 2.5 gas. Sundance America 1991 L4 2.2 gas. Sundance America 1992 L4 2.2 gas. Sundance America 1992 L4 2.5 gas. Sundance Duster 1992 L4 2.5 gas. Sundance Duster 1993 L4 2.5 gas. Sundance Duster 1994 L4 2.5 gas. Sundance RS 1991 L4 2.5 gas. Sundance S 1991 L4 2.2 gas. Sundance S 1992 L4 2.2 gas. Sundance S 1992 L4 2.5 gas. Voyager LE 1989 L4 2.5 gas. Voyager LE 1990 L4 2.5 gas. Voyager LE 1991 L4 2.5 gas. Voyager SE 1989 L4 2.5 gas. Voyager SE 1990 L4 2.5 gas. Voyager SE 1991 L4 2.5 gas. Voyager SE 1992 L4 2.5 gas. Voyager SE 1993 L4 2.5 gas.

0644T11 | SPL10 | CW
Fam. 70**ORIGINAL**

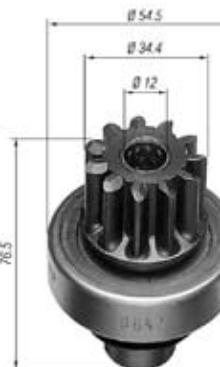
Hitachi: 211455003
Lester: 18206 - 18207 - 18218

MOTOR

Hitachi: 5114219 - 5114230 - 5114235

APLICAÇÃO / APLICACIÓN / APPLICATION

Bobcat
Nissan-Datsun: Forklift.
Yanmar

0645T10 | SPL12 | CW
Fam. 29**ORIGINAL****Remy:** 10457178**MOTOR****Remy:** 10479619**APLICAÇÃO / APLICACIÓN / APPLICATION****Lincoln**
Teledyne**0646**T10 | SPL9 | CW
Fam. 85**ORIGINAL****Italacciai:** SD509
Lucas Indiel: 223801
Paris-Rhone: 105540**MOTOR****Italacciai:** D9R084**APLICAÇÃO / APLICACIÓN / APPLICATION****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 / APLICACIÓN / APPLICATION****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 / APLICACIÓN / APPLICATION****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 / APLICACIÓN / APPLICATION

Clark
Hyster
IHC
Massey Ferguson
New Holland
Perkins

0650



T12 | SPL12 | CW
Fam. 29

ORIGINAL

Remy: 10457058

MOTOR

Remy: 10479606 - 10479613 - 1113273 - 1113279 - 1113280

APLICAÇÃO / APLICACIÓN / APPLICATION

0651



T9 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 6579 - 6599
Remy: 10457059

MOTOR

Remy: 10479620 - 1113286

APLICAÇÃO / APLICACIÓN / APPLICATION

Deutz: Allis.
Mercedes Benz: Caminhão 712 eletronic.

0652



T9 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 6580
Remy: 10457060

MOTOR

Remy: 1113287

APLICAÇÃO / APLICACIÓN / APPLICATION

Lincoln
Teledyne

0653T9 | SPL10 | CW
Fam. 8**ORIGINAL****Bosch:** 9001041103 - 9001043103**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****0655**T9 | SPL6 | CCW
Fam. 108**ORIGINAL****Facet:** 10593**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Sea Doo:** Jet Ski. Motor de partida Especial (eixo c/ 12,8mm) p/ modelo Sea Doo Super Jet Ski, de 88 a 92. Sea Doo Super Jet Ski (modelo c/ eixo especial 12,8mm) ano 88/92.**0656**T12 | SPL9 | CW
Fam. 85**ORIGINAL****Bosch:** 1987BE0047
Italacciai: SD508
Lester: 17085
Lucas Indiel: 221292
Paris-Rhone: 105538 - 185182
Valeo: NE209 - NE883 - 182047 - 185182 - 594245**MOTOR****Italacciai:** D9R073
Valeo: D9R134 - D9R73**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Espace, Espace T. Fuego, Fuego TD. Master, Master D. R18 TD, R20 TD, R21 TD, R25 TD, R30 TD. R18, R20, R21, R25, R30 Turbo diesel. Trafic diesel.**0657**T9 | SPL9 | CW
Fam. 85**ORIGINAL****Italacciai:** SD483
Lucas: TMB276
Lucas Indiel: 223808
Paris-Rhone: 181068
Valeo: NE 212 - 182178**MOTOR****Italacciai:** D9R091
Valeo: D9R91**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F1000 c/ motor Maxion HSD.
General Motors: S10 2.5 diesel Maxion.
Land Rover: 90, 110, 130 2.5 D, DT. Defender. Discovery OMO14A. Pick-up c/ partida Valeo.
Mercedes Benz: Sprinter 310 diesel.

0661T10 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209413 - 2006209443**MOTOR****Bosch:** 0001359067 - 0001359069 - 0001359081 - 0001359082 - 0001359104 - 0001359109 - 0001359110 - 0001360055**APLICAÇÃO/APLICACIÓN/APPLICATION****Chrysler:** Caminhão Dodge série S.**Dodge:** Trucks S séries.**Ford:** Cargo D707, 810, 910, 1010, 1111, 1211, 1314. Cargo N1114, 1414, NA1814, 2214. Cargo N708, 710, 808, 810, 812, 814, 910, 914, D0707, 0810, 0910, 1010, 1111.**Massey Ferguson:** MF155, MF158, MF168, MF186, MF187, MF188, MF487, MF507, MF510, MF520, MF525, MF87.**Perkins:** Perkins - Tratores, Industriais, Estacionários.**0668**T10 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 9001083629**MOTOR****Bosch:** 9000083072 - 9000453072 - 9000453080**APLICAÇÃO/APLICACIÓN/APPLICATION****Massey Ferguson:** MF235 Trator MF235, MF265 a partir de 86.**Perkins:** AD4.203 (Trator MF 265 a partir de 04/76). A3.152 (Trator MF 235, 265). Tratores, Industriais, Estacionários.**Yanmar:** Trator 1050D, 1050D 4x4.**0669**T13 | SPL10 | CW
Fam. 44**ORIGINAL****Ford:** E8PZ11350A - SDE339**Lester:** 17037**Mitsubishi:** M191T66271**MOTOR****Ford:** E8TF11000AA - E8TZ11002A - SA739B**Mitsubishi:** M3T90072**APLICAÇÃO/APLICACIÓN/APPLICATION****Ford:** E-F Vans. Trator/Tractor.**Mitsubishi****New Holland:** Trator/Tractor.**0670**T13 | SPL10 | CW
Fam. 43**ORIGINAL****Ford:** E5PF11350AA - E5PZ11350A - SDE330**Lester:** 17037**Mitsubishi:** M191T65571**MOTOR****Ford:** E5TF11000AA - E5TZ11002B - E8TF11000AA - E8TZ11002A - F3TU11000AA - SA739A**Mitsubishi:** M3T90011 - M3T90071 - M3T90072**APLICAÇÃO/APLICACIÓN/APPLICATION****Ford:** Truck diesel.**New Holland:** Trator/Tractor.

0671T8 | SPL6 | CW
Fam. 10**ORIGINAL**

Bosch: 1987BE0020
Magneti-Marelli: 51744826

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0673**T11 | SPL10 | CW
Fam. 8**ORIGINAL**

Bosch: 9001042060

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Nissan-Datsun: Pick-up. Sentra. Vanette.

0674T9 | SPL10 | CW
Fam. 9**ORIGINAL**

Bosch: 9001043179

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0676**T9 | SPL10 | CW
Fam. 9**ORIGINAL**

Bosch: 9001043180

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

0677



T10 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209463 - 2006209474

MOTOR

Bosch: 0001362048 - 0001362049 - 0001362084 - 0001362100

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: 3600 Tractor.
Holder: B50, B51.
Nissan-Datsun: Trade.

0679



TB | SPL8 | CW
Fam. 110

ORIGINAL

Lester: 17161
Mitsubishi: M191T12671
Nissan-Datsun: 2335430R10

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: KA24E.

0681



T9 | SPL12 | CW
Fam. 6

ORIGINAL

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

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0684



T9 | SPL12 | CW
Fam. 27

ORIGINAL

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

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0686T8 | SPL10 | CCW
Fam. 47**ORIGINAL**

Bedford: 91118533
Nippondenso: 0283003880
Suzuki: 3132078310

MOTOR

Nippondenso: 0280008040 - 0280009430 - 1280001290 - 1280001291 - 1280001761 - 1280001860 - 1280003640

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: Midi. Rascal.
Mitsubishi

0687T9 | SPL5 | CW
Fam. 118**ORIGINAL**

Hitachi: 211435551
Lester: 16817 - 17196

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0691T15 | SPL10 | CW
Fam. 70**ORIGINAL**

Hitachi: 211445002
Lester: 16710 - 18216

MOTOR

Hitachi: 5114146 - 5114244 - 5114417

APLICAÇÃO / APLICACIÓN / APPLICATION

Yanmar

0701T9 | SPL10 | CCW
Fam. 105**ORIGINAL**

Bosch: 9001042189

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Nissan-Datsun: E16. Tsuru.

0702



T9 | SPL10 | CCW
Fam. 104

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0703



T9 | SPL10 | CCW
Fam. 104

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0704



T9 | SPL3 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0705



T10 | SPL3 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0706T11 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 9003336206
Lucas Indiel: 223854

MOTOR

Bosch: 0001218007 - 0001218023 - 0001218125 - 0001218126

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 164 2.5 TD (VM Engine). 33 1.8 TD, 75 2.0TD. Alfa 164 TD, 33 TD, 75 TD, 90 TD. Alfetta 2.4 TD, Alfetta TD. Giulietta 2.0, Giulietta TD.

Chrysler: Voyager 2.5 TD (VM Engine).

Peugeot: 306 XND, XRD, XRDT, 405D 1.9 diesel.

Rover: 825 TD.

0708T10 | SPL6 | CCW
Fam. 108**ORIGINAL**

Cargo: CG231767
Johnson Electric: 5712820-DV30SM
Honda: 31206-2F5-L31
UTMS: 5712820 - DV 305M

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0709**T9 | SPL3 | CW
Fam. 21**ORIGINAL**

Lucas Indiel: 221491

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0711**T8 | SPL6 | CW
Fam. 110**ORIGINAL**

Hitachi: 2335453J11
Lester: 17180 - 17246
Mitsubishi: M191T12571
Nissan-Datsun: 2335453J11

MOTOR

Mitsubishi: M1T72981 - M1T72985 - M1T74781 - M1T74785 - M1T78881

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Forklift. SR18, SR20.

Subaru: 100NX 2.0GTI, Almera 2.0 GTI, Primera 2.0 sta.car, Sunny 2.0. Subaru c/ partida Mitsubishi.

0712



T9 | SPL8 | CW
Fam. 111

ORIGINAL

Lester: 17425 - 17683 - 17685
Mitsubishi: M191T13471

MOTOR

Mitsubishi: M1T60281
Nissan-Datsun: 2330080G10 - 2330086G10

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Nissan.

0713



T9 | SPL3 | CW
Fam. 107

ORIGINAL

Bosch: 9001336205
Femsa: 1066122
Fiat: 4063663
Lucas Indiel: 221832
Magneti-Marelli: 74870651

MOTOR

Femsa: MTD12H5 - MTD121
Fiat: 4064058

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 125, 1100T, 1300, 1500, 1800, 2300. Coupe, Familiar, Multicarga
Seat: 1500.

0714



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Bosch: 1987BE0048
Garef: 6624100
Lucas Indiel: 221905

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge: Dodge 1500 1.8, Pick-up Durango 4x4.
Volkswagen: 1500 1.8.

0720



T9 | SPL3 | CW
Fam. 35

ORIGINAL

Lucas Indiel: 223290

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0721T10 | SPL12 | CW
Fam. 43**ORIGINAL**

Lester: 6594 - 6597
Remy: 10457122

MOTOR

Remy: 10479605 - 10479608 - 10479612

APLICAÇÃO/APLICACIÓN/APPLICATION

Bobcat: Trator 853 ano 94 série 128.163.90.
Clark: Trator Bob Cat 853 ano 94, série S12816390.
Detroit: Veículos/Estacionários.
Fiat Allis: Grader PG140 e PG160 - com motor Ford 7.5L GMA. 28 MT.

0722T10 | SPL12 | CW
Fam. 43**ORIGINAL**

Lester: 6574 - 6582 - 6592 - 6596 - 6598
Remy: 10457121

MOTOR

Remy: 10479611 - 10479616 - 10479629 - 1113272 - 1113277 - 1113291

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: Case Grader 845 e 845.2, Pá Carregadeira W20 e Fiat Allis Grader FG 140.2. c/ partida 28MT.
Cummins: Cummins c/ partida Delco Remy 28MT. **Fiat Allis:** Fiat Allis - com motores Cummins 6BT5.9 com embreagem banhada a óleo. Fiat Allis FD 170, cremalheira a banho de óleo. **John Deere (SLC)**
Komatsu: PC200 Escavadeira - com motores Cummins 4B3.9, 4BT3.9, 6B5.9, 6BT5.9, 6BTAA. MACK.
TCM Equipment Ag: Série 28MT 12/12V.

0723T12 | SPL12 | CW
Fam. 43**ORIGINAL**

Lester: 6591
Remy: 10457141

MOTOR

Remy: 10479600

APLICAÇÃO/APLICACIÓN/APPLICATION

Lister: Petter.

0729T10 | SPL10 | CCW
Fam. 103**ORIGINAL**

Bosch: F000AL1704 - 1006209579 - 1006209917 - 9001081010
Lester: 17223 - 17416
Lucas: TNB010
Lucas Indiel: 223121

MOTOR

Bosch: 0001107003 - 0001107004 - 0001107022 - 0001107023 - 9000081001 - 9000081002

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Escort Hobby. Escort XR3. Escort 1.6, 2.0.
Seat: Toledo 2.0 16V.
Volkswagen: Beetle 2.0. Golf 1.8. Golf III 2.0 Syncro. Golf IV 1.8. Logus após 93. Passat 1.8 Syncro. Passat Alemão. Polo Classic.

0731



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Lucas Indiel: 221902
Tria: 3902

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: R4, R6, R12.

0732



T9 | SPL6 | CW
Fam. 10

ORIGINAL

Lucas Indiel: 223291
Tria: 4424

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: Traffic.

0737



T9 | - | CW
Fam. 122

ORIGINAL

Hitachi: 211435006 - 211455506 - 211475008 - 211485008 - 211495008
Isuzu: 8941155680 - 8942363471
Lester: 16584 - 16611 - 16811 - 16986 - 16997 - 18312
Nissan-Datsun: 23312H9100 - 23312M4901 - 23312N5900 - 23312N5903 - 23312V5301 - 23312V5302

MOTOR

Hitachi: S1114374B - S114253 - S114253A - S114253B - S114254 - S114254A - S114254C - S114254D - S114255 - S114255A - S114258
S114258A - S114258B - S114258C - S1142584C - S114264 - S114264A - S114265 - S114268 - S114268A - S114290 - S114290A - S114290B
S1142900 - S114296 - S114296A - S114344 - S114374 - S114374B - S114401B - S114403B - S114429 - S114429A - S114446 - S114449
S114453 - S114454 - S114457 - S114458 - S114480 - S114481A - S13100 - S13115 - S13121 - S1362 - S1362A - S1362B - S1362C - S1363
S1370 - S1370A - S1382 - S1382A - S1383
Isuzu: 891171630 - 891364001 - 891364480 - 892363470 - 8941155650 - 8941155670 - 8941156670 - 8941171630 - 8941333380
8941364480 - 8942168781 - 8942168783 - 8942363470 - 8942363471 - 8942387580 - 8942387581
Nissan-Datsun: 23300H5902 - 23300H9100 - 23300H9101 - 23300N5900 - 23300N5902 - 23300N5903 - 23300R2000 - 23300U7500
23300U7501 - 23300U7502 - 23300V5300 - 23300V5301 - 23300V5302 - 23300W1000 - 23300W1002 - 23300W7000 - 23300W7001
23300Y7000 - 23300Y7001 - 2330006W61 - 2330017C60 - 2330018C60 - 2330021P00 - 2330022P00 - 233005301

APLICAÇÃO / APLICACIÓN / APPLICATION

Chevrolet: Chevette CS 1984 L4 1.8 diesel. Chevette CS 1985 L4 1.8 diesel. Chevette CS 1986 L4 1.8 diesel.
General Motors: Chevy diesel.
Isuzu: Diesel.
Massey Ferguson: Massey Ferguson.
Nissan-Datsun: 210 Deluxe 1980 L4 1.4 gas. 210 Deluxe 1980 L4 1.5 gas. 210 Deluxe 1981 L4 1.5 gas. 210 Deluxe 1982 L4 1.5 gas.
210 Luxury 1982 L4 1.5 gas. 210 MPG 1981 L4 1.4 gas. 210 MPG 1982 L4 1.4 gas. 280Z 2+2 1978 L6 2.8 gas. 280Z, 300 ZX/Turbo.
300C. Cabstar 2.0. Nissan. Patrol 2.8. Terrano. Urvan. Vanette (2.4i). Z24, D21.
Opel: Astra TD. Corsa B D, DT. Kadett E 1.5, 1.7 TD.
Coroa avulsa-ZEN 1200.

0740T11 | SPL9 | CW
Fam. 96**ORIGINAL****Lucas Indiel:** 227796 - 228135 - 35257798 - 35258135**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Regatta 2000, Duna SD, Spazio D, Uno D.**0741**T9 | SPL9 | CW
Fam. 96**ORIGINAL****Bosch:** 1987BE0049**Lucas Indiel:** 227951 - 228137 - 35257952 - 35258137**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Peugeot:** 504/505 motor 2000.**0742**T9 | SPL9 | CW
Fam. 96**ORIGINAL****Lucas Indiel:** 227799 - 228136 - 35257802 - 35258136**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Sierra 1.6.**0743**T11 | SPL9 | CW
Fam. 96**ORIGINAL****Lucas Indiel:** 227965 - 228138 - 35257963 - 35258138**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** 147. 128 Super Europa. 147 Brio, SPR, SPT. Duna 1.3, 1.5. Fiorino 1.4, 1.6. Regatta 85SC. Spazio. Tipo 1.4, 1.6. Uno 1.4, 1.6. Vivace.

0744



T8 | SPL2 | CW
Fam. 26

ORIGINAL

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

MOTOR

Fiat: 870374

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 500. 600.

0745



T9 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: F000AL1691 - F000AL1878 - 1006209584 - 1006209600 - 1006209686 - 9001081033 - 9001084038 - 900118103
General Motors: 90421771 **Lucas:** TMB584 **Lucas Indiel:** 223122

MOTOR

Bosch: F000AL0103 - F005M00024 - 0001106017 - 0001107009 - 0001107012 - 0001107013 - 0001107015 - 0001107017 - 0001107018
0001107019 - 0001107025 - 0001107026 - 0001107034 - 0001107044 - 0001107045 - 0001107056 - 0001107070 - 9000081004

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 145 1.6, 1.7 16V, 146 1.6, 33 1.7. **Audi:** 80 2.0 16V. A4 1.6i, 1.8i (c/ partida 0.001.121.018). **Citroën:** Evasion 2.0. Jumper 2.0. Xantia 1.6, 1.8, 2.0. XM 2.0. ZX 1.6. **Fiat:** Ducato 10, 14, 18, 20. Ulysse 2.0. **General Motors:** Astra 1.8i, 2.0 MPFI, 2.0i 16V. Astra Sedan 1.8i, 2.0i, 2.0i 16V. Blazer 2.2 EFI. Ipanema, Ipanema 2.0 MPFI. Kadett 2.0 MPFI. Omega 2.0i, 2.2i, 3.0i. S10 à gasolina c/ motor 2.2. Suprema, Suprema 2.0, 2.0i, 3.0i. Vectra 2.0 16V, 2.0 GLS, 2.0i GSI 16V. Zafira 2.0 MPFI, 2.0 SFI 16V. **Lancia:** Z 2.0 Turbo. **Opel:** Calibra 2.0. Frontera 2.0i, 2.2 16V. **Peugeot:** 205 1.6, 1.9, 306 1.8, 306 1.8i, 1.8i 16V/ 405 1.8i a partir de 09/95, 2.0, 406 1.6, 605 2.0, 806 1.8, 2.0, Boxer 2.0. 306 1.8i, 1.8i 16V, 405 1.8i, a partir de 09/95. **Renault:** Espace 2.0 16V 10/1998... Megane 2.0 16V 03/1999... Scenic RX4 2.0 06/1999... **Seat:** Cordoba 1.0, 1.4, 1.4 16V, 1.6. Ibiza 16V. **Volkswagen:** Gol GTI 16V. Vento 1.6.

0747



T10 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas: TDB441
Lucas Indiel: 221294
Paris-Rhone: 186020
Valeo: NE830 - 185441 - 594108

MOTOR

Valeo: D6RA32 - D6RA33 - D6RA39 - D6RA48 - D6RA59 - D6RA6 - D6RA61

APLICAÇÃO / APLICACIÓN / APPLICATION

Autobianchi: Y10 Fire.
General Motors: Corsa 1.0, 1.4 c/ partida Valeo.
Opel: Corsa 1.0, 1.4.
Renault: Clio 1.2, 1.4. Laguna 1.8, 2.0. Megane, R19.

0748



T10 | SPL10 | CW
Fam. 14

ORIGINAL

Bosch: 9002453078 - 9002453079
Lucas: TNB674
Lucas Indiel: 223293

MOTOR

Bosch: 9000083077

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Caminhão 7000DX-TDX- 8000MA série 7.5T .
Case: Trator W20 (Cummins 6BT590).
Ford: Cargo 1618. F12000 c/ motor MWM. F14000 c/ motor MWM. F4000 c/ motor MWM.
MWM: Motor 4.10T, 6.10T c/ partida JF.
Puma: Caminhão 7000 série 79000 c/ motor MWM 4.10T a partir de 03/96.
Volkswagen: Caminhão c/ motor MWM X10. Volks Bus c/ motor MWM e partida JF.

0749T19 | - | CCW
Fam. 126**ORIGINAL**

Kawasaki: 131013701 - 131013703 - 131013705 - 131013706
Lester: 18330 - 18648 **Polaris:** 3240120 - 4060119
Yamaha: 6K8818071000 - 6M68183E0000

MOTOR

Zen: 12724 - 12725 - 12726 - 12727 - 12729 - 12730 - 12731

APLICAÇÃO / APLICACIÓN / APPLICATION

BRP: Sea Doo 947.
Kawasaki: 1100 - STX, ZXI E ULTRA 150. 650 - SC, X2. 750 - SS, ST, STS, STX, SX, SXI, TS, XI, ZXI. 900 - STX, ZXI.
Polaris: 1050 - SLTH, SLTX. 650 - SL, STD. 700 - Hurricane, SL, SLH, SLT, SLTX. 780 - SL, SLT, SLX. 900 - SL.
Yamaha: 1100 - Wave Raider, Venture. 1200/1200R-GP, XL Wave Runner. 650 - I, II, LX, Super Jet, VXR, VXRPRO, XR. 700/701 Wave Blaster, FX1 Raider, Runner, Super Jet, Venture, VXR. 760 - Wave Blaster II, GP, Raider, Runner.

0750T11 | - | CW
Fam. 124**ORIGINAL**

Lester: 17020 - 17197 - 17216
Nippondenso: 283006860
Isuzu: 8943677720

MOTOR

Nippondenso: 1280007500 - 1280009380

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Daytona 3.0. Fifty Avenue, Lebaron. Saragata 3.0. Voyager 3.3 V6 1990 1993.
ZEN: Utiliza Pinhão 9307.

0751T17 | - | CCW
Fam. 126**ORIGINAL**

Mitsuba: SM13
Polaris: 3084981

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Kawasaki: ATV 300 4x4. Magnum 2x4. Magnum 4x4 a partir de 94. Polaris - ATV 300 4x4, 400L 2x4, 400L Big Boss 6x6 Sportman 4x4. Trail Boss 250. Xplorer 4x4 (todos exceto 325cc).
Polaris

0752T9 | SPL6 | CW
Fam. 95**ORIGINAL**

Bosch: 1987BE0051
Lester: 6401 - 6432 - 6433
Lucas Indiel: 223333
Remy: 10497257

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Daewoo: Le Mans. Racer.
General Motors: Saturno 91.

0753



T9 | SPL9 | CCW
Fam. 96

ORIGINAL

Lucas Indiel: 228229 - 35258229

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort c/ motor Audi.
Volkswagen: Apollo c/ partida Lucas. Logus c/ partida Lucas.

0754



T11 | SPL6 | CCW
Fam. 108

ORIGINAL

MOTOR

Yamaha: 6k8818071000

APLICAÇÃO / APLICACIÓN / APPLICATION

Yamaha: LX500.

0755



T10 | SPL3 | CW
Fam. 20
Pode ser substituído por/
Puede ser cambiado por /Can be replaced by 0625

ORIGINAL

Bosch: 1987BE0046 **Facet:** 10621 - 10639 **Ford:** E6HZ11350A **Lester:** 6204 - 6348 - 6387 - 6391 - 6410 - 6467 **Remy:** 1986244 **Ww:** 10639

MOTOR

John Deere(SLC): E48134 **Remy:** 10461001 - 10461002 - 10461003 - 10461005 - 10461006 - 10461015 - 10461039 - 10461044 - 10461069 - 10478806 - 10478814 - 10478819 - 10478831 - 10478890 - 10478921 - 10478928 - 10478929 - 10478930 - 10478953 - 10478957 - 10479015 - 10479016 - 10479020 - 10479035 - 10479036 - 10479054 - 10479068 - 10479069 - 1990308 - 1990309 - 1990311 - 1990312 - 10478976 - 1990315 - 1990318 - 1990326 - 1990347 - 1990499 - 1993701 - 1993702 - 1993705 - 1993712 - 1993723 - 1993726 - 1993738 - 1993741 - 1993744 - 1993754 - 1993756 - 1993759 - 1993761 - 1993762 - 1993767 - 1993769 - 1993789 - 1993790 - 1993792 - 1993793 - 1993799 - 1993800 - 1993817 - 1993818 - 1993819 - 1993829 - 1993832 - 1993837 - 1993850 - 1993854 - 1993855 - 1993862 - 1993866 - 1993879 - 1993880 - 1993881 - 1993886 - 1993893 - 1993894 - 1993903 - 1993905 - 1993914 - 1993917 - 1993921 - 1993947 - 1993950 - 1993951 - 1993954 - 1993955 - 1993956 - 1993957 - 1993963 - 1993970 - 1993971 - 1993981 - 1993986 - 1993988 - 1993994 - 323818 - 323834 - 323835 - 323836 - 323837 - 323839 - 323840 - 323849 - 323868 - 323869 - 323879 - 323880

APLICAÇÃO / APLICACIÓN / APPLICATION

Cummins: Cummins c/ partida Delco Remy 37MT 12/24V 10D (VW Caminhões 06 cil. turbo). **Ford:** Caminhão Cargo c/ motor 7.8 lts. F800. **General Motors:** Caminhão Truck. Caminhões c/ motor Caterpillar e partida Delco Remy 37MT 12/24V. Caminhões 14190. **TCM EQUIPMENT Ag:** Série 37MT 12/24V (MB, VW, Ford). **Volkswagen:** Caminhão VW13.210, VW14.210, VW22.210, todos c/ motor Cummins 6cil. Turbo e partida Delco Remy 37MT.

0756



T11 | SPL6 | CW
Fam. 34

ORIGINAL

Bosch: 1987BE0052
Lester: 6449 - 6470 - 6472 - 6480 - 6482 - 6560 - 6561 - 6562 - 6563
Remy: 10465293 - 10475616

MOTOR

Remy: 10465167 - 9000786

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Blazer. Blazer 4.3 V6 ano 96 c/ partida Delco Remy. S10 c/ partida Delco Remy c/ motor 4.3 V6. Safari XT 1997 V6 4.3 gas. **Hyster:** H80xm.
Oldsmobile: Bravada Regional 1998 V6 4.3 gas.

0758T9 | SPL8 | CW
Fam. 113**ORIGINAL**

Lester: 17437
Mitsubishi: M191T13571

MOTOR

Mitsubishi: M1T60381
Nissan-Datsun: 23300k9160

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Empilhadeira c/ partida Mitsubishi. Forklift.

0760T11 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: 2006209537

MOTOR

Bosch: 0001364203 - 0001364206

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0762T10 | SPL9 | CCW
Fam. 97**ORIGINAL**

Lucas Indiel: 228368 - 228384 - 35258384

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: Escort c/ motor Audi 827 c/ MQ. Verona.

0764T11 | SPL10 | CW
Fam. 15**ORIGINAL**

Bosch: F000AL1879 - 2006209465
Lester: 17318

MOTOR

Bosch: 0001362700 - 0001362701 - 0001362702

APLICAÇÃO / APLICACIÓN / APPLICATION

KHD: F2L 1011, F3L 1011, F4L 1011. KHD. 715 F2 L 1011. 716 F3 L 1011. 717 F4 L 1011. 721 BF4 L 1011.

0765



T8 | SPL10 | CCW
Fam. 50

ORIGINAL

Lester: 17152 - 17565
Nippondenso: 283004320

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: Midi.
Innocenti: Mini 3 cil.

0767



T10 | SPL6 | CW
Fam. 20

ORIGINAL

Lester: 6609
Remy: DRA3002D

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0768



T9 | SPL2 | CCW
Fam. 26

ORIGINAL

Fiat: 4120550
Magneti-Marelli: 74869711

MOTOR

Fiat: 4117351 - 4117464
Magneti-Marelli: 63220107 - 63220108 - 3220137

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0769



T9 | SPL6 | CCW
Fam. 26

ORIGINAL

Fiat: 9939837
Lucas Indiel: 222501

MOTOR

Fiat: 7533231

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 126 Bis. Uno. 133, 133L, 600.
Fiat Polsky: 126.

0770T9 | SPL6 | CW
Fam. 34**ORIGINAL**

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

MOTOR

Remy: 9000794 - 9000846

APLICAÇÃO / APLICACIÓN / APPLICATION

Daewoo: Cielo. Espero 2000 c/ motor GM e partida Delco Remy. Espero CD 2000. Racer.
General Motors: Astra 1.8 c/ partida Delco Remy. S10 c/ partida Delco Remy. Vectra CD c/ partida Delco Remy. Zafira.
Opel: Vectra CD 2000.

0771T10 | SPL3 | CW
Fam. 35**ORIGINAL**

Lucas Indiel: 227911 - 35257911

MOTOR

Lucas Indiel: 35257880

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: Peugeot 504 diesel c/ motor XD2 a partir de 95.
Renault: Pick-up Rodeo 4 cil. 2.1 diesel. R18 4 cil. 2.1 diesel. Trafic TA12, TA52, T312, 352, todos diesel, 4 cil. 2.1 diesel.

0772T9 | SPL3 | CW
Fam. 35**ORIGINAL**

Lucas Indiel: 228266 - 35258266

MOTOR

Lucas Indiel: 35258240

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Pick-up F100, F1000, F150, F4000 c/ motor MWM.
MWM: Motor 4 cil. (Ford F1000, F4000) c/ partida Lucas.

0773T9 | SPL6 | CCW
Fam. 108**ORIGINAL**

Lester: 17605 - 18416
Nippondenso: 0283006000 - 0283007710 - 0283007711
Sea Doo: 295500089

MOTOR

Nippondenso: 1280004860 - 1280004861 - 1280004880
ZEN: 12716

APLICAÇÃO / APLICACIÓN / APPLICATION

Sea Doo: GSX, GTI, GTS, GTX, HX, SP (c/ motor Bombardier), SP1, SPX, XP, 580, 650, 720 e 110 ano 1995.
 Todos os modelos exceto 951.

0774



T9 | SPL6 | CW
Fam. 34

ORIGINAL

Lester: 6452 - 6471
Remy: 10476642

MOTOR

Remy: CM9805 - 10465294 - 323489 - 9000805 - 9000812

APLICAÇÃO / APLICACIÓN / APPLICATION

Cadillac: Deville D'Elegance 1997 V8 4.6 gas. Eldorado ELC 1998 V8 4.6 gas. Eldorado ETC 1998 V8 4.6 gas. Eldorado Touring 1995 V8 4.6 gas. Eldorado Touring 1996 V8 4.6 gas. Eldorado Touring 1997 V8 4.6 gas. Seville SLS 1995 V8 4.6 gas. Seville SLS 1996 V8 4.6 gas. Seville SLS 1997 V8 4.6 gas. Seville SLS 1998 V8 4.6 gas. Seville STS 1995 V8 4.6 gas. Seville STS 1996 V8 4.6 gas. Seville STS 1997 V8 4.6 gas.

0775



T9 | SPL9 | CW
Fam. 85

ORIGINAL

Citroën: 96017849
Lucas: TMB281
Lucas Indiel: 223900
Paris-Rhone: 182412 - 184448 - 594029 - 594031
Valeo: NE778 - NE784 - 184448 - 594029 - 594031

MOTOR

Valeo: D6RA12 - D6RA16 - D6RA18 - D6RA20 - D6RA23 - D6RA26 - D6RA37 - D6RA38 - D6RA41 - D6RA45 - D6RA5 - D6RA51 - D6RA57
D6RA6 - D6RA66 - D6RA72

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: AX, AX 1.4 diesel, AX Sport, BX14, BX16, BX19, MOT, XM, XU10. XM 2.0, 3.0.
Peugeot: 205, 205 GTI, 305, 305 1.6, 307, 309, 405, 605, 605 2.0. Rallye.
Renault: Safrane 2.0, 2.2.

0776



T12 | SPL19 | CW
Fam. 51

ORIGINAL

Leece-Neville: M029075249

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0778



T11 | SPL19 | CW
Fam. 51

ORIGINAL

Leece-Neville: M02909722

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0779T9 | SPL6 | CW
Fam. 47**ORIGINAL**

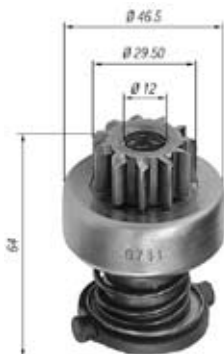
Bosch: 1987BE0124
Fiat: 9945556 **Lucas:** TMB009
Lucas Indiel: 223307
Magneti-Marelli: 85540971 - 85541780 - 9945556 - 9948346

MOTOR

Fiat: 46417006 - 46429594 - 46465475 - 7772459 - 7772462 - 7785949 - 7796598
Magneti-Marelli: 46414994 - 46415504 - 46417006 - 46429594 - 46465475 - 63101000 - 63101002 - 63102003 - 63102004
 63102007 - 63102008 - 63103002 - 63103003 - 631101002 - 63201008 - 63222889 - 63222900 - 63222901 - 63222905 - 63222908
 63222909 - 63222936 - 63223035 - 63223085 - 63223101 - 63223108 - 63223109 - 63223200 - 63223303 - 7733966 - 7772459
 7772462 - 7785949

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Brava/o 1.4, 1.6. Cinquecento 0.9, 1.1. Fiorino. Palio 1.0, Palio 1.6 16V. Palio Weekend 1.5. Panda Young. Punto 55, 60, 75, 90. Punto I, II. Siena. Strada. Tipo 1.6. Uno Sting.
Lancia: Dedra 1.6. Delta, Y 1.1, 1.2, 1.4.

0781T11 | SPL10 | CW
Fam. 106**ORIGINAL**

Bosch: 1006209555
Lester: 18255

MOTOR

Bosch: 0001317024

APLICAÇÃO / APLICACIÓN / APPLICATION

Farymann: 36, 40 séries. Motores-Marine 36A 0.6L diesel, Marine 36E 0.6L diesel, Marine 41A 0.7L diesel. Marine 41E 0.7L diesel.

0783T9 | SPL3 | CW
Fam. 17**ORIGINAL**

Lester: 6473 - 6474 - 6483 **Remy:** 10487536

MOTOR

Remy: 10455069 - 10455081 - 1358859 - 2058

APLICAÇÃO / APLICACIÓN / APPLICATION

Buick: Century 4 cyl 2.2L. Century Custom 1996 L4 2.2 gas. Century Custom 1996 V6 3.1 gas. Century Limited 1996 L4 2.2 gas. Century Limited 1996 V6 3.1 gas. Century Special 1996 L4 2.2 gas. Century Special 1996 V6 3.1 gas. Regal Custom 1996 V6 3.1 gas. Regal Gran Sport 1996 V6 3.1 gas. Regal V6 3.1. Skylark Custom 1996 V6 3.1 gas. Skylark Custom 1997 V6 3.1 gas. Skylark Gran Sport 1996 V6 3.1 gas. Skylark Gran Sport 1997 V6 3.1 gas. Skylark Limited 1996 V6 3.1 gas. Skylark Limited 1997 V6 3.1 gas. **Chevrolet:** Beretta Z26 1996 V6 3.1 gas. Cavalier LS 1996 L4 2.2 gas. Cavalier LS 1997 L4 2.2 gas. Cavalier LS 1998 L4 2.2 gas. Cavalier RS 1997 L4 2.2 gas. Cavalier RS 1998 L4 2.2 gas. Lumina LS 1996 V6 3.1 gas. Monte Carlo LS 1996 V6 3.1 gas. **General Motors:** Cavalier 4 cil. 96. Lumina V6 3.1 lts. e 4.0 lts. Minivan 3.4 lts. Monte Carlo V6 3.1 lts. MPV V6 3.4 lts. **Hyster:** Empilhadeira H55XM c/ motor GM 2.2. **Oldsmobile:** Achieva SC 1996 V6 3.1 gas. Achieva SC 1997 V6 3.1 gas. Achieva SL 1996 V6 3.1 gas. Achieva SL 1997 V6 3.1 gas. Ciera SL 1996 L4 2.2 gas. Ciera SL 1996 V6 3.1 gas. Cutlass GLS 1997 V6 3.1 gas.
Pontiac: Grand AM GT 1996 V6 3.1 gas. Grand AM GT 1997 V6 3.1 gas. Grand AM GT 1998 V6 3.1 gas. Grand AM SE 1996 V6 3.1 gas. Grand AM SE 1997 V6 3.1 gas. Grand AM SE 1998 V6 3.1 gas. Grand PRIX SE 1996 V6 3.1 gas. Grand PRIX SE 1997 V6 3.1 gas. Sunfire SE 1996 L4 2.2 gas.

0784T9 | SPL10 | CCW
Fam. 15**ORIGINAL**

Bosch: 2006209434
Lester: 17308
Lucas Indiel: 223908

MOTOR

Bosch: 0001367061

APLICAÇÃO / APLICACIÓN / APPLICATION

Case: Colheitadeira/Combine/Cosechadora.
Fiat

0785T15 | SPL12 | CW
Fam. 27**ORIGINAL**

Hitachi: 213065002
Lester: 18204 - 18208 - 18295

MOTOR

Hitachi: 51277A - 51279 - 51337 - 51341 - 51341A

APLICAÇÃO / APLICACIÓN / APPLICATION

Yanmar: Trator/Tractor.

0786T9 | SPL6 | CW
Fam. 38**ORIGINAL**

Bosch: 1987BE0053
Fiat: 9939915 - 9940577 - 9941300 - 9941306
Lucas: TMM901
Lucas Indiel: 223124
Magneti-Marelli: 74893901 - 74896531 - 85540011 - 85540081 - 85540381 - 85540411

MOTOR

Magneti-Marelli: 63221800 - 63221830 - 63221832 - 63221834 - 63221890 - 63221892 - 63222831 - 63222832 - 63222833
63222836 - 63222837 - 63222838 - 63222897 - 63223001 - 63223031 - 63223032 - 63223033 - 63223034

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Besta 1.0.
Fiat: Cinquecento 0.7, 0.9. Nueva Cinquecento 704, 903. Palio 1.5. Panda Fire 750 (1.0). Strada. Tempra. Tipo 1.1, 1.4, 1.6, 2.0 c/ partida Marelli. Tipo Fire. Uno Fire, Uno Fire 45.
Kia: Besta 1000 cc.
Lancia: Dedra I.E 1.6, Y10 Fire. R12.
Renault: Trafic à gasolina ano 95 (5 marchas).
Seat: Ibiza, Malaga, Ronda.

0787T9 | SPL10 | CW
Fam. 86**ORIGINAL**

Lester: 17667
Lucas Indiel: 221293
Valeo: NE875 - 186867 - 186938 - 187960 - 188887 - 594214

MOTOR

Valeo: D6RA - D6RA141 - D6RA511 - D6RA53 - D6RA571 - D6RA572 - D6RA63 - D6RA661 - D6RA721

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: Saxo 1.0, 1.4. Xantia 1.6, 1.8i, 2.0i 16V. XM 2.0i. Xsara 1.8, 2.0 16V. ZX 1.0, 1.4, 1.6, 1.8, 2.0 16V.
JPX: Jeep XUD9A, Jeep (todos).
Peugeot: 106, 106 1.0. 205. 206. 306 1.6, 1.8, 2.0, 2.0 16V. 405 1.6, 1.8, 1.9, 2.0. 406 1.6, 1.8, 2.0 16V. 806.
Renault: Espace, Laguna 16V. Master, Safrane V6, Trafic gasolina.
Volvo: S40.

0790T9 | - | CW
Fam. 122**ORIGINAL**

Hitachi: 211415507 - 211485501 - 21301502 - 213065001 - 213075004
Lester: 16733 - 16809 - 18053 - 18054 - 18061
Nissan-Datsun: 2331210G00 - 2331211M00 - 23354V0700 - 2354V0700
Porsche: 21301502 - 213065001 - 213075004 - 2331211M00 - 23354V0700

MOTOR

Hitachi: S1143557A - S114357 - S114357A - S114357B - S114357C - S114395A - S114935A - S13102 - S13104 - S13105A - S1347
S1347A - S1350 - S1350A - S1356 - S1356A - S1365 - S1366A - S13666A - S1369 - S1381
Nissan-Datsun: 23300 - 23300V0703 - 23300V0700 - 23300V0702 - 23300V0703 - 23300V0705 - 23300V0706 - 23300V0702 - 23300V700
23300V7260 - 23300W2500 - 23300W2804 - 2330005E00 - 233000500 - 23300054A01 - 2330006W61 - 233000703 - 2330010G02
23300100G02 - 2330011M00 - 2330011M00 - 2330011M02 - 2330011N00 - 2330038W00 - 233005E00 - 2330054A01 - 2330083W00
2330090E00 **Porsche:** 2330005E00 - 23300W2804 - S1347A - S1350 - S1369

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: CD 17. CD 20. Forklift. Patrol 3.3 D. Vanette D. Cherry/Stanza/Sunny 1.7D.

0791T8 | - | CW
Fam. 122**ORIGINAL**

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: 2220 SX. 310. 310 GX 1980 L4 1.4 gas. 310 GX 1981 L4 1.5 gas. Bluebird 2.0. Primera 2.0. Silvia 1.8. Stanza. Stanza 4WD. Sunny GTI 16V.

0792T9 | - | CW
Fam. 122**ORIGINAL**

Hitachi: 213035009 - 213075002 - 213075003 - 213085003
Lester: 17088 - 18067
Thermo King: 446676 - 446681

MOTOR

Thermo King: 451229 - 451263 - 451285

APLICAÇÃO / APLICACIÓN / APPLICATION

Isuzu

0793T8 | - | CCW
Fam. 122**ORIGINAL**

Lester: 16816 - 17178
Nissan-Datsun: 2331236A00

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0794T10 | SPL10 | CCW
Fam. 100**ORIGINAL**

Bosch: 1006209551

MOTOR

Bosch: 0001110033

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0796



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9002336208 - 9003336208
Lucas: TMB208
Lucas Indiel: 223295

MOTOR

Bosch: 9000331419

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0797



T9 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: 1006209580
Lucas Indiel: 223918

MOTOR

Bosch: 0001109001 - 0001109002 - 0001109006

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0798



T9 | SPL10 | CCW
Fam. 100

ORIGINAL

Bosch: 1006209535
Lester: 17023
Lucas Indiel: 223919

MOTOR

Bosch: 0001108021 - 0001108147

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort c/ motor Audi.
Porsche: 924, 944.

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 / APLICACIÓN / APPLICATION

Fiat: Tipo 1.8 i.e., 2.0 i.e., 2.0 i.e. 16V.
Ford: Galaxy 2.0.
Seat: Alhambra 2.0. Cordoba 1.6, 1.8, 1.8 16V, 2.0. Ibiza 1.8, 2.0 Toledo 1.8, 2.0.
Volkswagen: Caravelle 2.0. Corrado 1.8. Golf 1.8. Golf GL 1992 L4 1.8 gas. Golf GTI 2.0. Golf GTI 8-Valve 1992 L4 1.8 gas. Golf II 1.8. Golf III 1.6, 1.8, 2.0. Golf III 1.8. Jetta 1.8, 2.0. Jetta Carat 1991 L4 1.8 gas. Jetta Carat 1992 L4 1.8 gas. Jetta GL 1991 L4 1.8 gas. Jetta GL 1992 L4 1.8 gas. Passat 1.6, 1.8, 2.0. Passat Alemão. Vento 1.8, 2.0.

0800T11 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 1006209541
Lucas Indiel: 223920

MOTOR

Bosch: F010AL0101 - 0001110017 - 0001110999

APLICAÇÃO/APLICACIÓN/ APPLICATION

Citroën: BX17, BX19, Visa 17, todos diesel. Jumper 1.9D. Visa 17 D.
Peugeot: 205 D, 305 D, 309 D, 405 D. 205, 405 diesel, 305, 309, 306 1.9 D a partir de 09/97.
Talbot: Horizon D. Solara D.

0801T10 | SPL8 | CW
Fam. 110**ORIGINAL**

Lester: 17467
Lucas Indiel: 220401
Mitsubishi: M191T14271 - M191T76081

MOTOR

Chrysler: 56004934
Mitsubishi: M1T76081

APLICAÇÃO/APLICACIÓN/ APPLICATION

Chrysler: Jeep Cherokee c/ partida Mitsubishi.
Mitsubishi: L300.

0803T9 | SPL10 | CW
Fam. 106**ORIGINAL**

Bosch: 1006209564 **Lester:** 17013 - 17276 - 17670

MOTOR

Bosch: 0001108075 - 0001108091 - 0001108092 - 0001108151 - 0001108154

APLICAÇÃO/APLICACIÓN/ APPLICATION

Ford: Scorpio. Sierra 2.8.
Jeep: Cherokee SE 1994 L4 2.5 gas. Wrangler S 1994 L4 2.5 gas. Wrangler SE 1994 L4 2.5 gas. **Saab:** 900 S 1991 L4 2.1 gas. 900 S 1992 L4 2.1 gas. 900 S 1993 L4 2.1 gas. 900 S 1994 L4 2.1 gas. 900 S 1994 L4 2.3 gas. 900 S 1995 L4 2.3 gas. 900 S 1996 L4 2.3 gas. 900 S 1997 L4 2.3 gas. 900 S 1998 L4 2.3 gas. 900 SE Turbo 1997 L4 2.3 gas. 900 Turbo. 9000 Aero 1993 L4 2.3 gas. 9000 Aero 1994 L4 2.3 gas. 9000 Aero 1995 L4 2.3 gas. 9000 Aero 1996 L4 2.3 gas. 9000 Aero 1997 L4 2.3 gas. 9000 CD 1991 L4 2.3 gas. 9000 CD 1992 L4 2.3 gas. 9000 CD 1993 L4 2.3 gas. 9000 CD 1994 L4 2.3 gas. 9000 CDE 1993 L4 2.3 gas. 9000 CDE 1994 L4 2.3 gas. 9000 CS 1993 L4 2.3 gas. 9000 CS 1994 L4 2.3 gas. 9000 CS 1995 L4 2.3 gas. 9000 CS 1996 L4 2.3 gas. 9000 CS 1997 L4 2.3 gas. 9000 CSE 1993 L4 2.3 gas. 9000 CSE 1994 L4 2.3 gas. 9000 CSE Turbo 1995 L4 2.3 gas. 9000 CSE Turbo 1996 L4 2.3 gas. 9000 CSE Turbo 1997 L4 2.3 gas. 9000 CSE Turbo 1998 L4 2.3 gas. 9000 Griffin Edition 1992 L4 2.3 gas. 9000 S 1990 L4 2.3 gas. 9000 S 1991 L4 2.3 gas. 9000 S 1992 L4 2.3 gas. 9000 SPG 1991 L4 2.3 gas. Coupè, 9000.

0805T11 | SPL10 | CCW
Fam. 102**ORIGINAL**

Bosch: 1006209578 - 1006209923
Lucas Indiel: 223296

MOTOR

Bosch: 0001108099

APLICAÇÃO/APLICACIÓN/ APPLICATION

Lada: Samara 1.1, 1.3, 1.5. Samara c/ partida Bosch.

0806



T12 | SPL8 | CW
Fam. 112

ORIGINAL

Lucas Indiel: 223297
Mitsubishi: M191T13671 - M191T14671

MOTOR

Mitsubishi: M1T80081 - M1T90281

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Citroën. Evasion TD. Jumper. Jumpy. Xantia TD. ZX TD.
JPX: Jeep c/ partida Mitsubishi.
Mitsubishi
Peugeot: 306, 405, 405D, 406, 806. Boxer. Expert.
Willys: Pick-up após 94.

0809



T9 | SPL5 | CW
Fam. 34

ORIGINAL

Lester: 17203 - 17252 - 17253
Lucas Indiel: 223927
Nippondenso: 283006070 - 283006960
Toyota: 2801170020

MOTOR

Honda: 31200PLRA52
Lucas: LRS2163
Nippondenso: 1280005211 - 1280005680 - 1280006340 - 1280006720 - 1280008530 1280008531 - 1280008890 - 1280009290 - 1280009291 - 4280000320 - 4280000321 - 4280001590

APLICAÇÃO/APLICACIÓN/APPLICATION

Daihatsu: Charmant 1300. **Honda:** Civic.
Toyota: 4A, 5A, 4E, 5E. Carina II 1.6. Celica 1.6 GT 16V. Corolla 1.3. Corolla 1.6. Corolla 1.6 GTi 16V / Twin Cam / Coupe 1.6 GT16V. Lite-Ace 1.5 B. MR-2 1.6 GT. Paseo. Starlet 1.0, 1.2, 1.3. Tercel.

0813



T10 | SPL4 | CW
Fam. 41

ORIGINAL

Lester: 16655 - 17371
Nippondenso: 0283001860

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

0814



T10 | SPL10 | CW
Fam. 15

ORIGINAL

Bosch: 2006209432
Lester: 18035

MOTOR

Bosch: 0001367054

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: Trator MX135.

0815T9 | - | CW
Fam. 125**ORIGINAL**

Lester: 16845 - 16901 - 16902 - 16914 - 16960 - 16975 - 17160 - 17201 - 17205 - 17474 - 17491 - 17527
Mitsuba: 31204PD1003

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Honda: Accord. Civic. CRX. Prelude.

0816T10 | - | CW
Fam. 124**ORIGINAL**

Lester: 17466 - 17485
Nippondenso: 283007270

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

ZEN: Utiliza pinhão ZEN 9349.

0817T10 | - | CW
Fam. 124**ORIGINAL**

Lester: 17460 - 17465
Nippondenso: 283007720

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

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

ZEN: Utiliza pinhão ZEN 9492.

0818T9 | - | CW
Fam. 124**ORIGINAL**

Nippondenso: 0283006990 - 0283007170

MOTOR

Nippondenso: 1280008210
Toyota: 2810016270

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors

Honda: Accord, Civic. Honda (redução).

Isuzu

Toyota: Corolla.

Yale: Empilhadeira.

0820



ORIGINAL

Lucas: TMB182 - 54291735

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier. Escort diesel. Escort III 1.6 D, 1.8 D. Fiesta 1.6 D, 1.8 D. Orion 1.6 D, 1.8 D. Sierra.

0821



ORIGINAL

Lucas: TMB171 - 54290840

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Mondeo.

Rover: 216.

0822



ORIGINAL

Lucas: TMB174 - 54292929

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: Maestro 2.0.

Rover: 111, 114, 214, 820. Maestro 1.3, 1.6, 2.0, 2.0 Turbo. Metro 1.0, 1.1, 1.3. Mini Cooper 1.3. Montego 2.0 Turbo. TNB176.

0823



ORIGINAL

Lucas: TMB167 - 54291911

Lucas Indiel: 221167

Magneti-Marelli: 85541488 - 85541544

MOTOR

Lucas: M79 - 26600E/F - 26601E/F - 26605A - 26609F/J - 26613E/H - 26616A/B - 26619A/D - 26620A - 26621A/B - 26624A/D - 26626A/B - 26628 - 26628A - 26654B/D - 26678B - 26679B - 26680B - 26681B - 26689 - 26695

Magneti-Marelli: 63227004 - 63227005 - 63227006 - 63227007 - 63227008 - 63227009 - 63227010 - 63227014 - 63227016 - 63227017 - 63227028 - 63227038

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier 1.3. Escort 1.3, 1.4, 1.6, 1.8. Fiesta 1.0, 1.4, 1.8. Granada 2.0. Mondeo 95 CLX 16 V. Orion 1.3, 1.4, 1.6. Sierra 1.6, 1.8, 2.0.

Leyland: Sherpa 1.7, 2.0.

Rover: 111, 114, 214, 216, 820. Maestro 1.3, 1.6, 2.0, 2.0 Turbo. Metro 1.0, 1.1, 1.3. Mini Cooper 1.3. Montego 2.0 Turbo.

0825T10 | SPL8 | CW
Fam. 110**ORIGINAL**

Lester: 17461 - 17559 - 17561
Lucas Indiel: 220402
Mitsubishi: M191T14371 - M191T15271 - M001T74281ZC

MOTOR

Chrysler: 56041014
Mitsubishi: M001T74287ZC - M001T79482

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Jeep Cherokee c/ partida Mitsubishi.

0826T10 | SPL3 | CW
Fam. 35**ORIGINAL**

Lucas Indiel: 220206 - 35260206

MOTOR

Lucas Indiel: 35258440

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: D20 c/ motor Maxion.
Perkins: Maxion - GM D20 c/ partida Lucas.

0828T9 | SPL5 | CW
Fam. 118**ORIGINAL**

Hitachi: 211475014
Lester: 17246

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****0830**T8 | SPL5 | CW
Fam. 34**ORIGINAL**

Lester: 16879
Nippondenso: 283005820

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Daihatsu: Feroza 4x4.

0831



T9 | SPL12 | CCW
Fam. 21

ORIGINAL

Pal: 443937150171
Skoda: 115904030

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

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 / APLICACIÓN / APPLICATION

Honda: CAL 1.5L, CA, 1300 EJI. Civic 1.3. Civic 1300 1987 L4 1.3 gas. Civic 1300 STD 1984 L4 1.3 gas. Civic 1300 STD 1985 L4 1.3 gas. Civic 1300 STD 1986 L4 1.3 gas. Civic DX 1984 L4 1.3 gas. Civic DX 1985 L4 1.3 gas. Civic DX 1986 L4 1.3 gas. Civic DX 1987 L4 1.3 gas. CRX 1300 1984 L4 1.3 gas. CRX 1500 1984 L4 1.5 gas. CRX 1500 1985 L4 1.5 gas. CRX 1500 1986 L4 1.5 gas. CRX 1500 1987 L4 1.5 gas. CRX 1500 HF 1985 L4 1.5 gas. CRX 1500 HF 1986 L4 1.5 gas. CRX 1500 HF 1987 L4 1.5 gas. CRX 1500 HF 1988 L4 1.5 gas. CRX 1500 HF 1989 L4 1.5 gas. CRX 1500 SI 1985 L4 1.5 gas. CRX 1500 SI 1986 L4 1.5 gas. CRX 1500 SI 1987 L4 1.5 gas. CRX DX 1988 L4 1.5 gas. CRX DX 1989 L4 1.5 gas. CRX DX 1990 L4 1.5 gas. CRX EVI, CVCC 1500, EMI, D13, HB. CRX HF 1990 L4 1.5 gas. CRX HF 1991 L4 1.5 gas. FED 1.3. Sedan W-MT.
Rover: 213.

0836



T9 | SPL8 | CW
Fam. 47

ORIGINAL

Lucas Indiel: 229988
Mitsubishi: M191T22471

MOTOR

Mitsubishi: M2T48381 - M3T32985

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: 106, 206.
Renault: Clio.

0837



T9 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: F000AL1040 - F000AL1238 - F000AL1679 - F000AL1680 - F000AL1692 - 9001081022
Lucas: TMB022
Lucas Indiel: 223126

MOTOR

Bosch: F000AL0304 - F000AL0309 - F000AL0310 - F000AL0314 - 9000081003

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Doblo. Palio Fire. Palio Weekend 1.0 8V e 16V. Palio Weekend 1.3 MPI 16V. Palio 1.0 8V e 16V. Palio 1.3 MPI 16V. Siena 1.0 MPI 16V. Siena 1.3 MPI 16V. Strada 1.0 8V. Strada 1.3 16V. Uno Mille Fire.
General Motors: Celta 1.0i. Corsa 1.0, 1.4, 1.6 EFI.
Renault: Clio 1.6i a partir de 07/96. R19 1.6i a partir de 07/96.

0838T9 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 9003336282
Lucas Indiel: 223302

MOTOR

Bosch: 9000331418

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0841T9 | SPL5 | CW
Fam. 34**ORIGINAL**

Nippondenso: 0283005400 - 2801113060

MOTOR

Nippondenso: 1280007740 - 185086440

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: 4K, 5K.

0843T8 | SPL5 | CW
Fam. 34**ORIGINAL**

Valeo: BD7E17 - D7E15 - NE971 - 18205 - 182848 - 187788 - 190205 - 230205 - 300305 - 494829 - 594345

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Celta 1.0, Corsa.
Renault: Clio c/ partida Valeo. Clio 1.6. Kangoo 1.6. Laguna Nevada 1.6. Laguna 1.8, 2.0. Megane 1.6. R11 1.6 . R12 1.6 . R19 1.6 . R9 1.6, 1.7. Scenic 1.6.

0844T9 | - | CW
Fam. 122**ORIGINAL**

Hitachi: 213035004
Lester: 17138

MOTOR

Hitachi: S1391

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: LT TD.
Volvo: 240 D, 740 TD, 940 TD.
ZEN: Utiliza pinhão ZEN 9566.

0846



T11 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: F000AL1023 - 9001081066
Lucas: TMB066
Lucas Indiel: 223127

MOTOR

Bosch: F000AL0300 - F000AL0305 - F010AL0301 - 9000081009

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Palio 1.0 MPI 8V, 1.3. Palio 1.6 Argentino. Palio Weekend 1.0, 1.5. Siena 1.0, 1.5. Stilo 1.9 JTD. Strada 1.5. Uno. Uno 96 SX. Uno Mille Eletronic.
Peugeot: 205, 306, 405, 406.

0850



T9 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 18193
Remy: 0215002001

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0851



T10 | SPL10 | CCW
Fam. 103

ORIGINAL

Bosch: 9002336204
Lucas: TMB475

MOTOR

Bosch: 0001218116

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: LT28, 31, 35, 40. TL 2.4 diesel.

0852



T8 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209613
Lester: 17560 - 17563
Lucas Indiel: 223960

MOTOR

Bosch: 0001107049

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Néon.

0853T8 | SPL8 | CW
Fam. 47**ORIGINAL**

Lester: 16579
Mitsubishi: M191T22571
Nissan-Datsun: 23354T5000

MOTOR

Mitsubishi: M2T20181 - M2T20181D
Nissan-Datsun: 23300H5014

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: A12, A15. Forklift.

0854T8 | SPL6 | CCW
Fam. 34**ORIGINAL**

Lucas: TMB008
Remy: 10475958

MOTOR

Remy: 10455505

APLICAÇÃO / APLICACIÓN / APPLICATION

Asia Motors: Towner. Towner c/ motor Daewoo.

0855T11 | SPL10 | CW
Fam. 84**ORIGINAL**

Bosch: F000AL1693 - 9001081042
Lucas: TMB042
Lucas Indiel: 223305

MOTOR

Bosch: F000AL0100 - 9000081005 - 9000081008

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0856T9 | SPL12 | CW
Fam. 115**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

0857



T9 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209469 - 1006209470 - 1006209473
Fiat: 9936671
Lester: 16543 - 16954 - 17043

MOTOR

Bosch: 0001211146 - 0001314026 - 0001314027 - 0001314028 - 0001314029 - 0001314030 - 0001314033 - 0001314034 - 0001314035
 0001314036 - 0001314037 - 0001314038 - 0001316004
Fiat: 4392461 - 5997307 - 5997309

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Regata 1.7 diesel. Ritmo 1.7 D. Ritmo diesel.
Mercedes Benz: 190E, 190, 200, 230, 250, 280, L410, O309.
Peugeot: 305 diesel.
Talbot: Horizon D.
Volkswagen: LT28, LT31, LT35, LT40, LT45, LT50 (2.4 Engine).

0860



T10 | SPL9 | CDW
Fam. 129

ORIGINAL

Lucas: 35258396
Lucas Indiel: 228396

MOTOR

Lucas Indiel: 35258270 - 35258640 - 35259060

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: Parati c/ partida Lucas. Pointer 1.8 e 2.0 lts c/ motor Audi 827. Polo Classic 2.0 c/ partida Lucas.

0861



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 9002336226 - 9003336227 - F000AL1872
Lucas Indiel: 223965

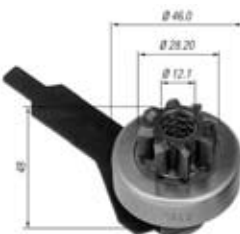
MOTOR

Bosch: 0001218168 - 9000331432 - 9000331433

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: F100, F150, F1000 diesel c/ motor Maxion TN1 HSD (1997). Ranger, Transit.
General Motors: Blazer 2.5 diesel. Pick-up S10 diesel.
Land Rover: Defender 2.5 D. Defender 2.5 Diesel Gemini TCI D.I. 23L. Defender 2.5 Turbo 90-01. Diesel Maxion H54TCC 98-... Discovery 2.5 TDi 12L, 21L 89-94. Discovery 2.5 TDi 16L 93-98. Range Rover I 2.5 TDi Classic 14L 92-94. Range Rover I 2.5 TDi Classic 300 TDi 94-96.
Mercedes Benz: Sprinter c/ partida Bosch.
Perkins: Maxion - HSD (Maxion High Speed). GM - S10, Blazer. Ford - F1000. MB - Sprinter.

0863



T8 | SPL9 | CW
Fam. 99

ORIGINAL

Lucas: TMB196 - 54292464
Magneti-Marelli: 85541503
Nissan-Datsun: 2331290J00

MOTOR

Lucas: 26667 - 27022 - 27047
Magneti-Marelli: 63227022 - 63227043 - 63227046 - 63227047 - 63227051 - 63227577
Nissan-Datsun: 2330070J00

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: Primera 1.6.

0866**ORIGINAL**

Bosch: F000AL1705 - 9001081052
Lucas: TMB052
Lucas Indiel: 223128

MOTOR

Bosch: F010AL0103 - 9000081006 - 9000081007

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Gol II 1.8 Mi. Gol II 2.0 Mi. Gol II 2.0i. Gol III. Gol 1.6 D. Parati. Quantum Mi 1.8, 2.0. Quantum Mi 1.8, 2.0 c/ câmbio automático. Santana Mi 1996. Saveiro. Senda.

0868**ORIGINAL**

Bosch: 1987BE0054
Lucas Indiel: 227824 - 35257824

MOTOR

Lucas Indiel: 35257700

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: Peugeot 504, 505 diesel c/ motor XT2 e partida Lucas Indiel.

0871**ORIGINAL**

Bosch: F000AL1440 - F000AL1697 - 9001690057 - 9001690067

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Mazda: 323 1.3, 1.5 8T.

0874**ORIGINAL**

Bosch: 9001692097

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

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

0875



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9002336218 - 9002336283 - 9003336283 - 9009996289 - F000AL1881
Fiat: 9939710
Lucas Indiel: 223976

MOTOR

Bosch: 0001217174 - 0001218014 - 0001218019 - 0001218024 - 0001218101 - 0001218102 - 0001218103 - 0001218152 - 0001218159
 0001218174 - 0001218774 **Iveco:** 99451753

APLICAÇÃO/APLICACIÓN/APPLICATION

Alfa Romeo: Alfa Romeo 14AR 6 Turbo.
Citroën: Jumper 2.8 D Turbo.
Fiat: Argenta 2.5, Argenta D. Croma 2.5 Turbo, Croma D, TD. Ducato D.
Fiat Iveco: Daily 2.8 TD 12 V. Daily Turbo diesel 35.10, 49.10, 09.09, c/ partida Bosch (0.001.218.174). Ducato 14, 14 4x4, 18, 18 Maxi. Otoyol Kamyonet, Otoyol Minibus.
Lancia: Thema Turbo diesel.
Renault: Master D, Master. P35 D, T35 D, Trafic D.

0878



T11 | SPL10 | CW
Fam. 38

ORIGINAL

Fiat: 9941846
Magneti-Marelli: 85540321 - 85541040

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Croma 2.0. Panda D. Tempra 1.8, 2.0, 4x4. Tempra SW. Tipo 1.6, 1.8, 2.0. Uno D.
Lancia: Dedra 1.8, 2.0. Delta 1.8, 2.0. K 2.0, 2.4 (20V). Thema 2.0.
Lombardini: LDW502, 602, 903, 1204.

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/APLICACIÓN/APPLICATION

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

0887



T20 | SPL5 | CW
Fam. 128

ORIGINAL

Lester: 17577 - 17578
Mitsubishi: M8T50071 - M8T50171

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

Caterpillar: 320B Mitsubishi 24V.
Ford: Cargo (7.3L Engine). E-F Vans.
Mitsubishi: Canter.

0888T11 | SPL3 | CW
Fam. 20

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0890T23 | SPL12 | CW
Fam. 115

ORIGINAL

Facet: 10671
Ford: F8BU11350AA
Lucas: TMM990
Lucas Indiel: 222514
Ww: 10671

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier. Fiesta. Ka.**0892**T9 | - | CCW
Fam. 122

ORIGINAL

Magneton: 443.937.150.860
Skoda: 1722

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Lada: 2110.
Skoda: Felicia.

0893T10 | SPL10 | CW
Fam. 1

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark: Empilhadeira CG P 25 c/ arranque adaptado.

0894



T11 | SPL12 | CW
Fam. 43

ORIGINAL

Lester: 18100 - 18191

Nikko: 0230001030 - 0230001031 - 0230001050 - 0230001070 - 0230001071 - 0230001080 - 1235000010

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0895



T9 | SPL12 | CW
Fam. 29

ORIGINAL

Lester: 18086 - 18101 - 18103

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0896



T9 | SPL12 | CW
Fam. 127

ORIGINAL

Iskra: 525

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0898



T11 | SPL19 | CW
Fam. 108

ORIGINAL

Facet: 10036 - 480105 - 480183

Harley-Davidson: 3144365A

MOTOR

Harley-Davidson: 3145564 - 3145564A

APLICAÇÃO / APLICACIÓN / APPLICATION

Harley-Davidson: Harley-Davidson.

0900T10 | SPL10 | CCW
Fam. 103**ORIGINAL**

Bosch: 1006209295 - 1006209558 - 1006209553 - 1006209565 - 1006209583 - 1006209591 - 1006209594 - 1006209910
1006209911 - 1006209922 - 2006209594

Lester: 17223 - 17417

Lucas Indiel: 224000

MOTOR

Bosch: 0001107005 - 0001107006 - 0001108059 - 0001108060 - 0001108076 - 0001108077 - 0001108096 - 0001108097
0001110086 - 0001110087 - 0001110118 - 0001110119 - 0001112010 - 0001112011 - 0001114009 - 0001114010

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0901T11 | SPL12 | CW
Fam. 27**ORIGINAL**

Bosch: 1987BE0055

Hitachi: 225025003 - 225045004

MOTOR

Hitachi: S25110G

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: ED33. FD6. Forklift.

0902T11 | SPL12 | CW
Fam. 21**ORIGINAL**

Pal: 932208

MOTOR

Pal: 976117 - 443115141310

APLICAÇÃO / APLICACIÓN / APPLICATION

Valmet: Zetor.

Zetor: Zetor Tractors, Farm Machinery.

0905T10 | SPL12 | CW
Fam. 4**ORIGINAL**

Bosch: 1987BE0022

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

0906



T9 | SPL6 | CW
Fam. 50

ORIGINAL

Lucas Indiel: 224006

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Clark: Empilhadeira.
Daewoo: Empilhadeira com partida Delco.

0907



T13 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: F7RUK614 - 106688 - 10670F7RU

MOTOR

Ford: 97VB11000AB - 98VB11000 - 98VB11000B3A

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Ford Transit. Transit 2.5 D.

0908



T8 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas: 66241583

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0910



T8 | SPL6 | CW
Fam. 80

ORIGINAL

Magneti-Marelli: 72139004

MOTOR

Magneti-Marelli: MT68Q - MT68QA - 63216815 - 63216851 - 63217403

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: Renault Master.

0914T12 | SPL19 | CCW
Fam. 51**ORIGINAL****Facet:** 480414**Lester:** 3050 - 3364 - 3370 - 3932 - 6234 - 6247 - 6248 - 6255 - 6258 - 6518 - 6528 - 6529 - 6550 - 6626 - 6627 - 6650**Remy:** 1893561 - 1953151**MOTOR****Remy:** 1113477 - 1114155 - 1114177 - 1114716 - 1114948 - 1990486 - 1993774 - 1993784 - 1993801 - 1993826**APLICAÇÃO / APLICACIÓN / APPLICATION****TCM Equipment Ag:** Série 42/50MT 12/24V.**0915**T9 | SPL9 | CW
Fam. 117**ORIGINAL****Lucas:** 35260198 - 35260202**Lucas Indiel:** 220198**MOTOR****Lucas:** 35258430**Lucas Indiel:** 35258370 - 35258730**APLICAÇÃO / APLICACIÓN / APPLICATION****General Motors:** Grand Blazer 4.1. Silverado c/ motor 6 cil. à gasolina 12V.**Peugeot:** 205 XU7 4 cil. 1.6, XUD9 4 cil. 1.9 diesel. 306 XU7 4 cil. 1.6, XUD9 4 cil. 1.9 diesel. 405 FRI. 405 XU7 4 cil. 1.6/ XUD9 4 cil. 1.9 diesel. Boxer XUD9 4 cil. 1.9 diesel. Partner XU7 4 cil. 1.6.**0916**T9 | SPL10 | CW
Fam. 85**ORIGINAL****Bosch:** F000AL1684**Lucas:** 35260280**Lucas Indiel:** 35262227**MOTOR****Lucas:** 35259170**Prestolite:** 35261860**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F1000 (ano 97) c/ motor Maxion HSD c/ partida Lucas. Ranger (Maxion HSD). Ranger International 3.0 diesel / Maxion HS 4 cil. 2.5, 2.8 diesel.**General Motors:** Blazer c/ partida Lucas. Pick-up S10 diesel c/ motor Maxion HSD c/ partida Lucas.**Mercedes Benz:** Sprinter c/ motor Maxion HS e partida Lucas.**Perkins:** Maxion - HSD (Maxion High Speed). GM - S10, Blazer. Ford - F1000. MB - Sprinter.**0917**T9 | SPL9 | CW
Fam. 85**ORIGINAL****Lucas:** 66241474**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

0918



T8 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas: 66241709

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0919



T9 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: 9001066255

MOTOR

Bosch: F005M00012 - F005M00014

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0920



T11 | SPL19 | CW
Fam. 51

ORIGINAL

Bosch: 2006202010 - 2006202011 - 2008109203 - F000AL1898

MOTOR

Bosch: 0001370003 - 0001371004 - 0001371005 - 0001371006 - 0001371007 - 0001371008 - 0001371009 - 0001371010
0001371013 - 0001371015 - 001372001 - 0001372002 - 0001372003 - 0001372004 - 0001372005 - 0001372006 - 0001372007
0001372008

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 1831, 1831 AK, 1831L. 1835, 1835 AK, 1835L. 1840, 1840 AK, 1840L. 1843, 1843 AK, 1843L. 1848, 1848 AK, 1848L. 1853, 1853L, 1857L, 1922, 1928, 1928L, 1933, 1933L, 1936, 1938, 2031, 2031A, 2033LS, 2035A, 2036LS, 2040, 2040A, 2053, 2531, 2531L, 2535L, 2536A, 2540, 2540L, 2543, 2543L, 2548, 2548L, 2553, 2553L, 2557L, 2631, 2631L, 2635, 2635L, 2636A, 2638S, 2640, 2640L, 2643, 2643L, 2648, 2648L, 2653, 2653L, 2657, 2657L, 3231, 3235, 3240, 3243, 3331, 3331A, 3335, 3340, 3340A, 3343, 3343A, 3348, 3348A, 3353, 3357, 4140, 4140A, 4143, 4143A, 4148. Actros. OM447, OM449A.

Scania: 114 C, P 124, R 124, T 124, 144. Caminhão série K124/ P124. Caminhão série 114. Motor DS 14.52, DSC 14.57, 61, 62, DSI 14.68, 69, 73, 75, 78, DS11.94, 96, 97, DCS11.56, 57. P, R 114/340. P, R 124/360. P, R 124/400. P, R 124/420. R, T 144/360. R, T 144/530. R 164/580.

0921



T11 | - | CW
Fam. 124

ORIGINAL

Nippondenso: 0280992700 - 2810054310
Toyota: 2801154070

MOTOR

Nippondenso: 0280007370 - 0280007373 - 0280008760 - 0280008761 - 0280008762 - 1280000360 - 1280000362 - 1280001880
1280007353 - 1280008140 - 1280008142 - 1280008150 - 1280008152 - 1280009591 - 1280009592 - 2280000400 - 2280000640
2280001300
Toyota: 2810054100 - 2810054170

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Hilux 2.8 D. Hilux 2.8 Land Cruiser diesel. L, 2L. Land Cruiser. L- 2L.
Volkswagen: Taro.

0924T13 | SPL3 | CCW
Fam. 45**ORIGINAL****Facet:** 10580
Remy: 1896767**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Remy:** Delco 8 MT, 10 MT, SD 300 séries DD.**0925**T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209618 - 1006209638 - 1006209672 - 1006209677 - 1006209690 **Fiat:** 9947831 **Lucas Indiel:** 222503**MOTOR****Bosch:** 0001107037 - 0001107048 - 0001107054 - 0001107067 - 0001107068 - 0001107069 - 0001107070 - 0001107072 - 0001107073 - 0001107074 - 0001107076 - 0001108162 - 0001108166 - 0001108167 - 0001108172 - 0001108173 - 0001108174 - 0001108175 - 0001109018 - 0001115002 - 0001115007**APLICAÇÃO / APLICACIÓN / APPLICATION****Audi:** A4. A4 1.6, 1.8, 1.8 T, A6 2.0, 2.4, 2.8. A6.**Daewoo:** Musso.**Fiat:** Brava/o. Palio, Palio D. Punto 1.7 D, DT. Siena diesel. Strada 1.7 TDS.**Mercedes Benz:** E190 2.3. MB100. Sprinter. Vito, V 200, V 230, VITO 113.**Renault:** Renault. Safrane 2.0, 2.5.**Ssangyong:** Istana 2.3. Musso 2.0, 2.3.**Volkswagen:** Gol GTI 16V. Gol II 2.0 MI. Gol III 1.6 MI. Gol III 1.8 MI. Gol III 2.0 MI. Golf GTI 16V. Passat alemão. Passat, LT.**Volvo:** 850 2.0, 2.3, 2.5, 2.5 T, C70, S70, V70 (2.0 T, 2.3, 2.5), S40, V40. Volvo.**0926**T9 | SPL12 | CW
Fam. 131**ORIGINAL****Iskra:** 16900392 - 16900408 - 16900541 - 16900902 - 16901392 - 16901408 - 922H6**MOTOR****Iskra:** 11130193 - 11130224 - 11130291 - 11130338 - 11130346 - 11130378 - 11130392 - 11130418 - AZF3509 - AZF3513 - AZF3515 - AZF3517 - AZF3524 - AZF3528 - AZF3531 - AZF3545 - AZF3547 - AZF3549 - AZF3559**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** R4 F6. R5 Alpine, turbo. R 5TL, GTL, LS. Traffic 1.4 b.**0929**T11 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 9002336230
Lester: 18230**MOTOR****Bosch:** 0001218172 - 0001218772**APLICAÇÃO / APLICACIÓN / APPLICATION****KHD:** BF 4L1011, F 2L 1011, F 3L 1011, F 4L 1011.**Magirus Deutz:** Tractor.

0930



T11 | SPL19 | CCW
Fam. 51

ORIGINAL

Facet: 480412
Ingersoll-Rand: 101BMP2992
Leece-Neville: M029076308
Remy: 1933404 - 1985132
UTMS: DV202750

MOTOR

Caterpillar: 4N4405
Ingersoll-Rand: 462361
Leece-Neville: M0017137 - M0017157 - M0017191
Prestolite: MFJ6501 - 462361
Remy: 1113344 - 4N4405
UTMS: MFJ6501

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0931



T10 | SPL10 | CW
Fam. 1

ORIGINAL

Bosch: 1006209482 - 1006209914

MOTOR

Bosch: 0001314047 - 0001316012

APLICAÇÃO/APLICACIÓN/APPLICATION

Hatz: 1D 60/80.

0932



T9 | SPL16 | CCW
Fam. 79

ORIGINAL

Bosch: 1006209628 - 1006209649 - 1006209758
Lucas Indiel: 229979

MOTOR

Bosch: 0001124003 - 0001124013 - 0001125005 - 0001125006

APLICAÇÃO/APLICACIÓN/APPLICATION

Audi: A3 1.6i, 1.6T (c/ partida 0.001.121.007). A3 1.9 TDI.
Seat: Cordoba 1.9 TD. Ibiza 1.9 TD. Inca 1.9 D. Seat. Toledo 1.9 TDI.
Skoda: Felicia 1.9 D. Octavia 1.6, 1.8, 1.9 TDI. Pick-up 1.9 D.
Volkswagen: Beetle 1.9 TDI, New Beetle. Caddy 1.7 SDI, 1.9 D. Golf 1.8, Golf III 1.9 TDI, Golf 2001. Polo 1.7, 1.9 SDI. Sharan 2.8 V6. Vento 1.9 D, TD.

0933



T10 | SPL16 | CCW
Fam. 101

ORIGINAL

Bosch: 9001081074

MOTOR

Bosch: 9000081010

APLICAÇÃO/APLICACIÓN/APPLICATION

Volkswagen: Gol 1000 Mi AP/AT. Gol II 1.0 Mi. Gol II 1.0 Mi 16V. Gol III 1.0 Mi. Gol III 1.0 Mi 16V. Golf. Parati 97. Ters FRZ.

0935T11 | SPL9 | CW
Fam. 87**ORIGINAL****Lucas Indiel:** 224035**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

JPX: Jeep c/ partida Valeo.
Peugeot: Boxer. Partner 306 c/ motor 1.9 diesel.
Renault: Clio Express c/ motor diesel, R19.

0936T11 | SPL9 | CW
Fam. 85**ORIGINAL**

Lucas Indiel: 224036
Valeo: NE210 - 182052

MOTOR**Paris-Rhone:** D9R121 - D9R84**APLICAÇÃO / APLICACIÓN / APPLICATION****Peugeot:** 604 c/ motor diesel, 405, 405 diesel, 504, 505. 604 D.**0937**T10 | SPL16 | CCW
Fam. 79**ORIGINAL**

Bosch: 1006209621 - 1006209648 - 1006209699 - 1006209880
Lucas Indiel: 224037

MOTOR

Bosch: 0001124001 - 0001124005 - 0001124006 - 0001125001 - 0001125002 - 0001125007 - 0001125008 - 0001125011 - 0001125012
 0001125013 - 0001125031
Volkswagen: 02A911023L

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: A3 1.9 TDI.
Ford: Galaxy 2.0.
Seat: Alhambra 1.9 TDI. Ibiza 1.9 D, TD. Vento TDI 1.9.
Skoda: Octavia 1.9 TDI.
Volkswagen: Beetle 1.9 TDI. Bora 1.9 TDI. Bus Eurovan, Bus Eurovan 1.9L. Caravelle 1.9. Eurovan. Golf 2.0 2001, Golf III 1.9 TDI. Multivan, Passat. Polo 1.9 TDI. Sharan 1.9 TDI. Vento 1.9 TDI.

0938T10 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209629 - 1006209929
Lucas Indiel: 224038

MOTOR**Bosch:** 0001107043 - 0001107087 - 0001113010 - 0001113017**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Courier 1.4i 16V. Courier 1.6 16V. Courier 1.6 16V c/ motor Zetec (nacional). Fiesta 1.2, 1.4 16V. Fiesta 1.4 c/ motor Zetec nacional 16V.

0940



T8 | SPL8 | CCW
Fam. 47

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0942



T9 | SPL10 | CW
Fam. 84

ORIGINAL

Bosch: F000AL1032 - F000AL1037 - F000AL1882
Lucas Indiel: 229985

MOTOR

Bosch: F000AL0301

APLICAÇÃO / APLICACIÓN / APPLICATION

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

0943



T9 | SPL8 | CCW
Fam. 47

ORIGINAL

Lester: 17333
Onan: 1911953

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

0945



T9 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas Indiel: 35260290
Prestolite: 35261035

MOTOR

Lucas: 35258790
Lucas Indiel: 35258600
Renault: 7702227059

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Corsa com motor de partida Lucas.
Renault: Clio C 3L 1.6. R9 1.4/C3L 1.6. R11 1.4/C3L 1.6. R19 1.4/C3L 1.6.

0946T9 | - | CW
Fam. 124**ORIGINAL****Isuzu:** 5811240030 **Lester:** 16739 - 17303 - 17381 **Nippondenso:** 0283001840 - 0283001841 - 0283001842**MOTOR****Isuzu:** TY6615 - 2912559140 - 451229 - 455657 - 455674 - 5811000860 - 5811001660 - 5811001830 - 8941233870 - 8941337583
8941492490 - 8941702050 - 8944489590**Nippondenso:** 0280000960 - 0280004390 - 0280005060 - 0280006440 - 0280007000 - 0280007001 - 0280007351 - 0280007790
0280007791 - 0280009300 - 1280000020 - 1280000830 - 1280000831 - 1280000832 - 1280000960 - 1280001100
1280001110 - 1280002880 - 1280002881 - 1280004660 - 1280004661 - 1280008700 - 2280001890**Remy:** 94123387**APLICAÇÃO / APLICACIÓN / APPLICATION****Isuzu:** Diesel Trooper 2.2. Isuzu KBD 27, 41, 47.**Jeep:** Renegade.**0947**T9 | - | CW
Fam. 124**ORIGINAL****Honda:** 31204657617 **Ishikawjima:** 185866150**Isuzu:** 8941291870 **Kubota:** 1550463041**Lester:** 16248 - 16251 - 16578 - 16586 - 16600 - 16612 - 16674 - 16735 - 16736 - 16737 - 16759 - 16760 - 16761 - 16786 - 16790
16802 - 16821 - 16823 - 16825 - 16826 - 16827 - 16828 - 16829 - 16831 - 16833 - 16834 - 16837 - 16878 - 16892 - 16895 - 16906
16911 - 16913 - 17002 - 17003 - 17027 - 17125 - 17143 - 17171 - 17240 - 17251 - 17256 - 17345 - 17420 - 17422 - 17481 - 17487
17521 - 17530 - 17537 - 18181 - 18182**Nippondenso:** 0283001600 - 0283001601 - 0283001602 - 0283001603 - 0283001790 - 0283001791 - 0283001800 - 0283002000
0283002110 - 0283002111 - 0283002270 - 0283003630 - 0283003631 - 0283004160 - 0283006940**Toyota:** 2801120540 - 2801126041 - 2801126042 - 2801135030 - 2810110710**Harley-Davidson:** 3139186 - 3150581**MOTOR****Daihatsu:** 2810072010**Ishikawjima:** 185086240 - 185086340**Kubota:** 1550463011 - 1574163011**Nippondenso:** 0280004343 - 0280004450 - 0280005900 - 0280005912 - 0280006001 - 0280006120 - 0280006332 - 0280006362
0280006450 - 0280006930 - 0280007321 - 0280007392 - 0280007560 - 0280007620 - 0280008050 - 0280008060 - 0280008220
0280008261 - 0280008290 - 0280008320 - 0280008850 - 0280009070 - 0280009260 - 0280009380 - 0280009711 - 0280009720
0280009860 - 1280000101 - 1280000220 - 1280000230 - 1280000500 - 1280000510 - 1280001370 - 1280001440 - 1280001441
1280001520 - 1280001630 - 1280002060 - 1280003340 - 1280003350 - 1280003590 - 1280003670 - 1280003990 - 1280004420
1280005261 - 1280005410 - 1280005700 - 1280005780 - 1280005781 - 1280005840 - 1280005850 - 1280007090 - 1280007100
1280007330 - 1280007680 - 1280007690 - 1280007912 - 1280008070 - 1280008080 - 1280008240 - 1280008560 - 2280000311
2280000580 - 2280000960 - 2280001100 - 2280001110 - 2280001710 - 2280002020 - 2280002121 - 2280002300 - 2280002610
2280002620 - 2280002682 - 2280002691 - 2280002701 - 2280002760 - 2280002770 - 2280002851 - 2280002880 - 2280003200
2280003290 - 2280004320 - 2280004330**Toyota:** 2810010040 - 2810010060 - 2810013010 - 2810015020 - 2810015040 - 2810015070 - 2810015130 - 2810015180

2810016020 - 2810016080 - 2810016110 - 2810027010 - 2810027030 - 2810027050 - 2810027060 - 2810031010

2810034060 - 2810034080 - 2810034100 - 2810041060 - 2810042040 - 2810042050 - 2810044030 - 2810044050

2810045033 - 2810045050 - 2810051031 - 2810060070 - 2810063020 - 2810063050 - 2810072010 - 2810072020

2810072030 - 2810072040 - 2810072050 - 2810072060 - 2810072070 - 2810072090 - 2810072100 - 2810072110

2810073010

APLICAÇÃO / APLICACIÓN / APPLICATION**Daihatsu:** Rocky F80.**JCB:** Excavator.**Toyota:** 2S, 2Y, 3Y. Camry. Carina. Celica. Corolla. Dyna. Hilux. MR 2. RJ 7. Tercel.**ZEN:** Utiliza pinhão ZEN 9186.**0948**T10 | SPL18 | CW
Fam. 41**ORIGINAL****Lester:** 17353 - 17618 - 17624 - 17625 - 17633 - 18272**Nippondenso:** 0283007530**MOTOR****Nippondenso:** 128000533 - 128000597 - 128000723 - 228000136 - 228000138 - 228000139 - 228000140**APLICAÇÃO / APLICACIÓN / APPLICATION****Case:** EHC.**John Deere (SLC)**

0950



T9 | SPL5 | CCW
Fam. 34

ORIGINAL

Nippondenso: 0283005720

MOTOR

Nippondenso: 1280003540 - 1280009360

APLICAÇÃO / APLICACIÓN / APPLICATION

0951



T8 | SPL5 | CCW
Fam. 34

ORIGINAL

Nippondenso: 0283005800
Suzuki: 3132051A10

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Suzuki: Corry. Maruti.

0953



T9 | SPL3 | CW
Fam. 28

ORIGINAL

Fiat: 879898
Magneti-Marelli: 74899601

MOTOR

Fiat: 4104783 - 852962
Magneti-Marelli: E1154/24 - 63223897

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: 1100 TN (217 N). Campagnola D. Campagnolo diesel 1100TN (217N), 615N, 615N1, 616, 332, 352.
Fiat Iveco: 615N, 615N1, 616, 332, 352.

0954



T10 | - | CW
Fam. 124

ORIGINAL

Toyota: 2801154380

MOTOR

Nippondenso: 2280002120 - 2810054380

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: 3L. Toyota Hilux 2.8.

0957T20 | - | CW
Fam. 134**ORIGINAL**

Mazda: 859924740
Mitsubishi: ME700121 - M357T71671 - M357T76171
Nissan-Datsun: 23314T9000

MOTOR

Mazda: S21118400 - V10118400B
Mitsubishi: ME007517 - ME008815 - ME017034 - ME017035 - ME017056 - ME017061 - MG120413 - M2T54372 - M2T54571 - M2T54572 - M2T56071 - M2T57871 - M2T60072 - M2T64372 - M2T64373 - M2T66371 - M2T66872 - M2T67871 - M2T67872 - M2T67873 - M2T78271 - M3T56471 - M3T57371 - M3T57575 - M3T66071 - M3T66072 - M3T66073 - M3T66074

APLICAÇÃO / APLICACIÓN / APPLICATION

Mazda
Mitsubishi
Nissan-Datsun
Yale

0958T11 | SPL6 | CW
Fam. 34**ORIGINAL**

Remy: 10492409

MOTOR

Remy: 24506694 - 9000836 - 9000841 - 9000854 - 9000857 - 9000858 - 9000871 - 9000872 - 9000873 - 9000879 - 9000880 - 9000882 - 9000884

APLICAÇÃO / APLICACIÓN / APPLICATION

Buick
General Motors: Blazer 4.3 V6 c/ partida Delco Remy.
Hyster: H50xm.
Isuzu
Nissan-Datsun
Pontiac

0959T18 | SPL6 | -
Fam. 116**ORIGINAL**

Visteon: STRC019

MOTOR

Ford: F81U11000AC

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Expedition 4.6, 5.4 V8 todos 1999. Lincoln Navigator (5.4 V8), todos 1999. Pick-up série F 4.2 (V6), 4.6, 5.4 (V8), 6.8 (V10), todos 1999.

0960T10 | SPL9 | CCW
Fam. 99**ORIGINAL**

Lucas: TNB176 - 54292179

MOTOR

Lucas: 26607E/J - 26692 - 26696

APLICAÇÃO / APLICACIÓN / APPLICATION

Rover: 216 (M79 26607).

0961



T11 | SPL9 | CW
Fam. 85

ORIGINAL

Paris-Rhone: 180827 - 184530
Valeo: NE776 - NE832 - 182176 185675 - 186456 - 594042

MOTOR

Paris-Rhone: D9R112 - D9R118 - D9R122 - D9R135 - D9R89 - D9R99
Valeo: D9R112 - D9R118 - D9R119 - D9R135 - D9R149 - D9R89 - D9R99

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: BX, Xantia, XM, ZX.
Ford: Granada, Scorpio, Sierra.
Mercedes Benz: 190 D, 200 D, 300 D, E200, 250, 300 TD.
Peugeot: 404, 405, 504 2.1, 2.3 diesel. 505 1.6, 1.8, 2.0, 2.3 D, 2.5 D. 604, 604 D. J9, J9 D.
Renault: Express D. R19 D. Super 5 D.
Ssangyong: Musso 2.9 D.

0962



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 1006209560 - 1006209569 - 1006209908
Lucas Indiel: 224062

MOTOR

Bosch: 0001110013 - 0001110019 - 0001110043 - 0001110044 - 0001110051 - 0001110064 - 0001110065 - 0001110088
0001110104 - 0001110105

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Courier 1.8 diesel. Escort 1.6 diesel. Escort 1.8 TD. Fiesta 1.6 diesel. Fiesta 1.8 D. Mondeo 1.8 Turbo diesel. Orion 1.6 diesel. Orion 1.8 TD.

0965



T9 | SPL5 | CW
Fam. 34

ORIGINAL

Lucas Indiel: 229989 **Valeo:** 060527 - 080327 - 100327 - 187336 - 187863 - 187996 - 188251 - 220527 - 250527 - 260412 - 290212
290327 - 494828 - 494832 - 594287 - NE949

MOTOR

Ford: 3S6511000AA - 3S6511000BA - 3S6511000CA
Valeo: D7E1 - D7E5 - D7E16 - D7E23 - D7E24 - D7E34 - D7E37 - D7E39 - D7E43

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: C 3. **Ford:** Courier 1.0L, 1.6L Zetec Rocam. EcoSport 1.0L, 1.6L Zetec Rocam. EcoSport 1.0L Supercharger. Escort 1.6L Zetec Rocam. Fiesta 1.0L, 1.6L, Zetec Rocam ano 99. Ka 1.0L, 1.6L Zetec Rocam. Novo Fiesta 1.0L, 1.6L Zetec Rocam. Novo Fiesta 1.0L Supercharger.
Peugeot: 106. 206 1.0 16V, 1.4, 1.6, 1.6 16V.
Renault: Clio c/ partida Valeo. Clio 1.0, 1.0 16V, 1.6 16V. Kangoo 1.0, 1.0 16V, 1.2, 1.6 16V. Twingo 1.0, 1.2.

0967



T11 | SPL18 | CW
Fam. 41

ORIGINAL

Nippondenso: 283006040

MOTOR

Nippondenso: 128000492 - 128000606 - 128000608 - 228000003 - 228000005

APLICAÇÃO / APLICACIÓN / APPLICATION

0969T9 | SPL10 | CW
Fam. 38**ORIGINAL****Magneti-Marelli:** 85540881 - 85541030**MOTOR****Magneti-Marelli:** 63111000 - 63223435 - 63223639**APLICAÇÃO / APLICACIÓN / APPLICATION****BMW:** 318i, 324D, 524D c/ partida Marelli.
Lancia: K 2.0, 2.4 TD.**0970**T9 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 2006209458 - 2006209543**MOTOR****Bosch:** 0001367072 - 0001368069 - 0001368083 - 0001369007 - 0001369019 - 0001369025
Case: A181642 - A187597 - P941519Q - 114799A1
Cummins: 3283312 - 3283812**APLICAÇÃO / APLICACIÓN / APPLICATION****Case:** Backhoe Excavator 1088. Equipment Series Tractors 5100 1987-92. Retroescavadeira c/ motor Cummins. Windrowers 6000, 6500 W, NCE 4-390 Engine.
Cummins: Engines.
DAF: 45, 130.**0972**T9 | SPL16 | CCW
Fam. 79**ORIGINAL****Bosch:** 1006209643 - 1006209759
Lucas Indiel: 224072**MOTOR****Bosch:** 0001124011 - 0001125003 - 0001125039**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Galaxy 2.8.
Seat: Cordoba 1.9 D, DT. Ibiza 1.9 D. Inca 1.9 D. Seat.
Volkswagen: Golf 2.8. Passat 1.9 diesel. Passat 1.9 TDI. Polo 1.9 D. Sharan 2.8 V6. Vento 1.9 TDI. VW.**0975**T23 | SPL10 | CW
Fam. 47**ORIGINAL****Ford:** F5BU11350AA
Lucas: 54294813
Lucas Indiel: 204075**MOTOR****Ford:** 95FB11000BC - 95FB11000BD - 95FB11000BG
Magneti-Marelli: 63223538 - 63293538**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Escort 1.3, 1.8. Escort 1.8 EFI até 08/95. Fiesta 0.9, 1.0 (1996). Fiesta 1.0.

0976



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL1324 - F000AL1683 - 1006209624 - 1006209633 - 1006209692 - 1006209696 - 1006209706 - 1006209709 - 1006209715 - 1006209944 - 9008045049 **Lucas Indiel:** 224076

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: AX, Berlingo 1.8i, Berlingo Furgonato 1.4i, C15 1.0, 1.1, 1.4, C3 1.1i, 1.4i, 1.6 16V, Evasion 2.0i, 2.0i Turbo, Saxo 1.0 X, SX, 1.1 X, SX, 1.4 VTS, 1.6 VTS, VTR, Xantia 1.6i, 1.8i, 1.8i 16V, 2.0, 2.0 16V, 2.0 Turbo, Xsara 2.0 16V, Xsara Picasso 2.0 16V, ZX 1.6i, 1.8i, 1.8i 16V, 1.9i, 2.0i.
Fiat: Brava 1.6 16V, Bravo 1.6 16V, Doblò 1.6 16V, Ducato Autobus 2.0, Multipla 1.6 16V, Palio Fire 2001, Palio Weekend 1.6 16V Fire 2001, Palio Weekend Adventure 1.6 16V Fire 2001, Siena 1.6 MPI 16V, Siena EX, ELX Turbodiesel, Stilo 1.6 16V, 1.6 16V Weekend, Strada 2003, Ulysse 1.8, 1.9TD, 2.0, 2.0 16V, 2.0 Turbo.
Lancia: Lybra 1.6 16V.
Mercedes Benz: C240, C280, C280 T - Modell, CLK 320 Coupe.
Opel: Astra G 1.8 16V, Astra G Cabriolet 1.8 16V, Astra G Coda Spiovente 1.8, Astra G Coupe 1.8 16V, Astra G Familiare 1.8 16V, Corsa B 1.0 12V, Corsa C 1.0 12V, Vectra B 1.8i 16V, Vectra B Coda Spiovente 1.8i 16V, Vectra B Familiare 1.8i 16V.
Peugeot: 106, 205, 206 1.1, 1.4, 1.6, 106, 205, 206, 306, 306 Coda Spiovente 1.4, 1.6, 306 Familiare 1.4, 1.6, 307 1.6, SW 1.6, 309 II 1.1, 1.4, Boxer, Boxer Autobus 2.0 4x4, Boxer Furgonato 2.0, Boxer Pianale Piatto, Autotelaio 2.0, Partner Furgonato 1.1, 1.4, Partner Van, Limousine.
Renault: Megane 2.0 16V, Megane Cabriolet 2.0 16V, Megane Coupe 2.0 16V, Megane I 2.0 16V, Sport Spider 2.0 16V.
Vauxhall: Astra MK IV 1.8 16V.

0977



T9 | SPL3 | CCW
Fam. 20

ORIGINAL

Lester: 3277 - 3366 - 4235 - 4236 - 4270 - 4271 - 6736 - 6738
Remy: 1937554 - 1974655

MOTOR

Remy: 1109359 - 1109360

APLICAÇÃO/APLICACIÓN/APPLICATION

Mercury Marine
TCM Equipment Ag: Mercury Cruiser Marine.

0978



T10 | SPL10 | CW
Fam. 117

ORIGINAL

Lucas: 35259027 - 35260310
Lucas Indiel: 220310 - 224078 - 229027 - 35260810

MOTOR

Lucas: 35258540 - 35258710

APLICAÇÃO/APLICACIÓN/APPLICATION

General Motors: D20, D6000 a partir de 03/92, GMC 6100 ano 2001 c/ motor maxion 4 cil. e arranque Lucas, Silverado c/ motor Maxion S4 a diesel.
Massey Ferguson: Trator 265 a partir de 04/76.
Perkins: Maxion.

0983



T10 | SPL10 | CW
Fam. 85

ORIGINAL

Lucas: 35259037 - 35260590

MOTOR

Lucas: 35258690
Lucas Indiel: 35259710

APLICAÇÃO/APLICACIÓN/APPLICATION

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

0985T9 | SPL12 | CW
Fam. 43**ORIGINAL****Remy:** 10457362 - 10457368 - 10503933**MOTOR****Mercedes Benz:** A0051512201 - A0051517601**Remy:** 10479626 - 10479650 - 10479654**APLICAÇÃO / APLICACIÓN / APPLICATION**

Fiat Allis: Fiat Allis pá carregadeira FR128 e trator de esteira 7D. **Mercedes Benz:** 915 c Accelo. Caminhão/Ônibus c/ motor OM904, OM906, OM924, OM926, eletrônicos c/ partida Delco Remy 28MT (09/17 ton.). Caminhões 712C, 715, 714C, 915C, 1215, 1218EL, 1218L, 1418 EL, 1418L, 1718, 1725, 2423, 2428. Família ATEGO (1315, 1418, 1518, 1718, 1725, 2425), L1318, 2423B, 2423K, L1620. Chassi de ônibus LO 914, 0500M, 0500U, 0500R, OF 1417, OF1418, OF 1518, OF 1721, OF 1722 (Todos com motores eletrônicos 24V OM 904, OM 906, OM 924 e OM 926). MBB Axor1933. **TCM Equipment Ag:** Série 28MT 12/24V (MB - OM 904, 906, 924, 926 09 a 17 ton.)

0989T9 | SPL10 | CGW
Fam. 84**ORIGINAL****Bosch:** F000AL1052 - F000AL1152 - F000AL1707**MOTOR****Bosch:** F000AL0306**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** Kombi ano 98 refrigerada água.**0990**T10 | SPL9 | CW
Fam. 117**ORIGINAL****Lucas:** 35260625**Lucas Indiel:** 220625 - 224090**MOTOR****Lucas:** 35258760 - 35258850**Lucas Indiel:** 35261250**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Escort 1.8, 2.0 (Zetec). Escort L c/ motor Zetec. Focus. Mondeo 1.8, 2.0 (Zetec).**0991**T9 | SPL10 | CW
Fam. 85**ORIGINAL****Lucas:** 229033 - 35259033**Lucas Indiel:** 224091 - 35260500**MOTOR****Lucas:** 35258580 - 35258910**Lucas Indiel:** 35261305**Prestolite:** 35259890**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Micro Ônibus Volare (Marcopolo) c/ motor MWM407 TCA (a partir de 10/98).**Ford:** F250 c/ motor MWM.**General Motors:** Pick-up Silverado c/ motor MWM a diesel.**MWM:** Motor 6CL Sprint (GM Silverado) c/ partida Lucas.

0997T9 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209634
Lucas Indiel: 224097

MOTOR

Bosch: 0001108157 - 0001108169

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 156JTD.
BMW: 316, 318, 325 (E36), 5 Series (E34, E36), 728 (E38). BMW série 5 e série E34, 36, todos os tipos (exceto diesel).
Fiat: Brava/o 1.9 TD. Marea 1.9 TD.
Ford: Granada. Scorpio 1.8, 2.0. Transit 1.6, 2.0.
Opel: Frontera 2.5 TD.

0998T9 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: F000AL0102 - F000AL1250 - F000AL1695 - 1006209607 - 1006209675
Fiat: 9947838
Lucas Indiel: 224098

MOTOR

Bosch: F000AL102 - 0001107030 - 0001107066 - 0001107078 - 0001107079 - 0001108181
Fiat: 46468696

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Barchetta. Brava 1.8 HGT. Bravo 1.8, 2.0. Coupe 1.8. Marea Turbo. Marea Weekend 1.8 MPI 16V. Marea Weekend 2.0 MPI 20V Turbo. Marea 1.8, 2.0, Marea 1.8 MPI 16V. Marea 2.0 MPI 20V Turbo. Marea 2.0 20V, 2.4 20V. Punto II 1.8.
Lancia: Lybra 1.6, 1.8, 2.0.
Nissan-Datsun: KA24E.
Toyota: Carina E 1.6, 1.8 16V. Celica 1.8 16V. Corolla 2000.

0999T8 | SPL6 | CW
Fam. 47**ORIGINAL**

Lucas Indiel: 224099
Magneti-Marelli: 85541280

MOTOR

Magneti-Marelli: 63103007 - 63103008

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Palio. Palio 1.6. Palio Weekend. Siena. Siena 16V 1.6. Strada.
Piaggio: Porter 1.0.

1001T11 | SPL10 | CCW
Fam. 15**ORIGINAL**

Bosch: 2006209486

MOTOR

Bosch: 0001366026

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1002T11 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 2006209461**MOTOR****Bosch:** 0001368077**APLICAÇÃO / APLICACIÓN / APPLICATION****KHD:** BF4L1011(2.7), F2L1011(1.4), F3L1011(2.0), F4L1011(2.7), todos de 06/89.**1003**T10 | SPL10 | CCW
Fam. 15**ORIGINAL****Bosch:** 2006209433 - 2006209488**Lucas Indiel:** 220406**MOTOR****Bosch:** 0001362085 - 0001362094 - 0001362099**APLICAÇÃO / APLICACIÓN / APPLICATION****Chevrolet:** Astra, Blazer, Corsa, Meriva, Vectra c/ partida Delco Remy.**Saab:** Marine 2G 1.6L 1977-1983, 2GRG 1.6L 1977-1983, 2J 1.9L 1977-1988, 2JRG 1.9L 1977-1985, G 0.8L 1977-1979, GA 0.8L 1961-1979, GAG 0.9L 1961-1979.**1004**T9 | SPL10 | CCW
Fam. 15**ORIGINAL****Bosch:** 2006209429 - 2006209490**MOTOR****Bosch:** 0001362104**APLICAÇÃO / APLICACIÓN / APPLICATION****Ferrari:** 94.**Goldoni:** 518, 719, 919, 921.**Lamborghini:** Diablo 5.7.**Lombardini:** 4LD 640, 705, 820L 10, 14, LDA96, 97, 100, 820LDAM 96.**1005**T9 | SPL10 | CCW
Fam. 15**ORIGINAL****Bosch:** 2006209488**MOTOR****Bosch:** 0001362094 - 0001366005 - 0001366006 - 0001366013 - 9000143204**APLICAÇÃO / APLICACIÓN / APPLICATION****Agria:** 4900.**Carraro:** Super Tigre 625.

1011



T8 | SPL10 | CCW
Fam. 101

ORIGINAL

Bosch: 1006209932

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan-Datsun: Micra.

1013



T10 | SPL19 | CW
Fam. 51

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

TCM Equipment Ag: 37 MT séries DD Starters.

1016



T8 | SPL10 | CCW
Fam. 118

ORIGINAL

Hitachi: 211445016
Nissan-Datsun: 2331231U00

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1017



T10 | SPL10 | CCW
Fam. 118

ORIGINAL

Hitachi: 211445100
Nissan-Datsun: 2331231U01

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1018TB | SPL8 | CCW
Fam. 114**ORIGINAL**

Mitsubishi: M191T16771 - M191T16971 - M191X16771 - M191X16971
Nissan-Datsun: 23312AA050

MOTOR

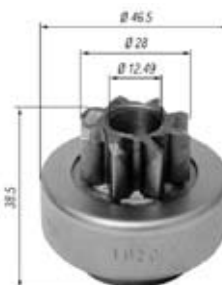
Mitsubishi: MOT80285 - M1T77181

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan - Datsun: Almera, Sunny.
Subaru: Forester 2.0. Impreza 1.6, 1.8, 2.0 2WD, 4WD. Justy 1.0. Legacy 2.0, 2.2, 2.5.

1019T30 | SPL8 | CCW
Fam. 114**ORIGINAL**

Ford: F4XY11350B
Motorcraft: SDE354
Nissan-Datsun: 233540B710

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****1020**TB | SPL10 | CW
Fam. 117**ORIGINAL**

Hitachi: 211415016
Nissan-Datsun: 2331250Y01

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Nissan-Datsun: Sentra. 200 SX.

1021TB | SPL10 | CW
Fam. 117**ORIGINAL**

Nissan-Datsun: 233121E400

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

1022



T9 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0270 - 6033AD0414

MOTOR

Bosch: 0001223010 - 0001223013

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Micro Ônibus Volare (Marpocolo) c/ motor MWM 407TCA (a partir de 10/98).

Fiat: Ducato.

Ford: F250 c/ motor MWM. F350.

General Motors: Silverado c/ motor MWM.

MWM: Motor 6.07TCA (Ford F250 a partir de 03/99) c/ partida 0.001.003.010.

Peugeot: Boxer 2.8 HDI.

1023



T11 | SPL9 | CW
Fam. 85

ORIGINAL

Lucas Indiel: 220407

Valeo: NE834 - 185915 - 584135 - 584185 - 594185

MOTOR

Mercedes Benz: 0051511301

Valeo: D7R5 - D7R8 - D7R9 - D7R12 - D7R13 - D7R16 - D7R18 - D7R20 - D7R25 - D7R26 - D7R27 - D7R40 - D7R46 - D7R49 - D7RE46
D8R27 - D8R49

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Berlingo 1.8 D, 1.9 D e 2.0 HDi.

Fiat: Scudo TD.

JPX: Jeep c/ partida Valeo. Jeep JPX.

Mercedes Benz: Sprinter.

Peugeot: 405 diesel, Partner.

Renault: Clio D. Express D. R19 D. R21 D. Megane D.

Volvo: 440TD. 460TD.

1024



T10 | SPL8 | CW
Fam. 112

ORIGINAL

Lucas Indiel: 220408

Mitsubishi: M191T15071 - M191T68071 - M191X68071 - MD618963

MOTOR

Mitsubishi: M2T80582 - M2T84071 - M2T84171 - M2T84571 - M2T87071 - M2T87171 - M2T87271 - M2T87471 - M2T87871
M2T87971

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: XM 2.5 TD.

Fiat: 127. Panda 30-45. Ritmo 60. Uno 45 127.

Ford: Ranger 2.5 TD. **Mazda:** B2500D.

Mitsubishi: 4D56. L200 2.5 D, 4WD. L300 2.5 D, TD, 4X4. Pajero 2.5 TD. Space Gear 2.5 D.

1025



T9 | SPL10 | CW
Fam. 130

ORIGINAL

Fiat: 9948135

Magneti-Marelli: 83226569 - 85541700

MOTOR

Fiat: 131955508

Magneti-Marelli: 63114014

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Ducato 2.5, 2.8 TD.

Fiat Iveco: Daily 2.8 TD. Ducato 2.8 modelos: 719, 720, 721, 722, 723, 724, 725, 726, 729.

Peugeot: Peugeot Boxer.

1026T10 | SPL10 | CW
Fam. 82**ORIGINAL**

Bosch: 6033AD0091
Lucas Indiel: 229983

MOTOR

Bosch: 0001223500

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1027T10 | SPL10 | CW
Fam. 82**ORIGINAL**

Bosch: 6033AD0284 - 9033AD0284
Lucas Indiel: 229984

MOTOR

Bosch: 0001223505 - 0001223555

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1030T11 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209646

MOTOR

Bosch: 0001109026

APLICAÇÃO / APLICACIÓN / APPLICATION

Agria: 3800G.
Citroën: XM 2.1 diesel. XM 2.1 Turbo diesel.
Farymann: G10, 20.
Yanmar: Micro trator.

1031T10 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209631 - 1006209635 - 1006209642 - 1006209678
Lucas Indiel: 220409

MOTOR

Bosch: 0001102218 - 0001108183 - 0001108217 - 0001109014 - 0001109036 - 0001109250 - 0001110112 - 0001115001
0001115008

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 280E, 320E, C280, E280, E300, E320, S280, S320. Classe A 160 CDI / 170 CDI. E 250D turbo (210) BG, GR, H, I, IS, HR, P, SLO, TR, E 250DT (210) i, E 259D turbo (210). Sprinter 208D, 210D, 212D, 308 D, 312 D, 408D, 410 D, 412D. Vario 812 D. Vito 108 D e 110 D.

1033T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209645**MOTOR****Bosch:** 0001109025 - 0001109030 - 0001109033 - 0001109035
Fiat: 46473784**APLICAÇÃO / APLICACIÓN / APPLICATION****Alfa Romeo:** 156 1.9 JTD. Alfa 145, 146 1.9 JTD 1998... Alfa 147 1.9 JTD 2000... Alfa 156 1.9 JTD 1997/2000.
BMW: 324 TD Touring. 325 TD, 325 TDS, 325 TDS Touring. 525 TD, 525 TD Touring, 525 TDS, 525 TDS Touring. 725 TDS. 324, 325, 525, 725 TDS 12V - 1996...
Fiat: Brava/o 1.9 TD-JTD. Brava 1.9 JTD 1997/1998. Doblo 1.9 2000 ... Marea 1.9 1996... Marea 1.9 TD-JTD. Multipla. Multipla 1.9 JTD. Punto 2001... Stilo 2001...
Lancia: Lybra. **Opel:** Omega 2.5 TD. Omega 2.5 XTD. Frontera 2.5 TD.**1036**T23 | - | CCW
Fam. 126**ORIGINAL****MOTOR****Tigershark:** 3008093 - 3008327 - 3008536**APLICAÇÃO / APLICACIÓN / APPLICATION****Artic Car:** Jet Ski Tigershark 640, 770, 900, 1000, 1100.
Tigershark: Jet Ski. Mod. 770 Twin, 900, 1000, 1100**1037**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F005M10053 - 1006209631 - 1006209635 - 1006209642 - 1006209678**MOTOR****Bosch:** 0001108183 - 0001108217 - 0001108218 - 0001109014 - 0001109036 - 0001109250 - 0001110112 - 0001115001
0001115008**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** Berlingo 1.8, 1.8 D, Evasion 1.8, 2.0, 2.0 turbo, Jumper 2.0, Xantia 1.6, 1.8 8V/16V, 2.0 8V/16V, 2.0 CT turbo, 2.0 HDI, XM 2.0 CT Turbo, 2.0i, Xsara 1.8, 1.8 16V, 2.0 16V, 2.0 16V VTS, Picasso 1.8 16V, ZX 1.6, 1.8 16V, 1.9, 2.0i.
Mercedes Benz: 260. Classe A 160 CDI / 170 CDI. E 250D turbo (210) BG, GR, H, I, IS, HR, P, SLO, TR, E 250DT (210) i, E 259D turbo (210). Sprinter 208D, 210D, 212D, 308 D, 312 D, 408D, 410 D, 412D
Peugeot: Boxer 2.0, Expert 1.8, Partner 1.8/ 306 1.8/2.0, 405 1.6 GL, 405 1.8i, 405 1.9 GR,SRI, 405 2.0i, / 406 1.6/1.8 16V/2.0 16V/2.0 Turbo/ 605 2.0, 806 2.0, 806 2.0 turbo.
Renault: Clio 1.9 diesel, Megane 1.9 D, R 19 1.9 D, Safrane 2.2i.
Ssangyong**1038**T9 | SPL10 | CW
Fam. 82**ORIGINAL****Bosch:** 6033AD0442 - 6033AD0462 - 6033AD3006 - 6033AD3108 - 6033AD3850 - 6033AD4034 - 6033AD4148 - 9002336236
KHD: 01319755 - 01319806
Mercedes Benz: 0011511813 - 0011513213**MOTOR****Bosch:** 0001230001 - 0001230006 - 0001230007 - 0001230012 - 0001230013 - 0001231002 - 0001231003 - 0001231005
0001231018 - 0001231033**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz:** Atego 1998 - Citaro 1998 - Eonic 1998 - L1218. L1418. L1618M. L1622. L2423. 1215C. 712C. 817-1517 (1996-). 914 ano 2000. 915.
New Holland: Trator/Tractor.

1043T18 | - | CW
Fam. 134**ORIGINAL****Citroën:** 95562677**Mitsubishi:** MD607540 - MM502531 - M357T0171 - M357T0771 - M357T07971**Nissan-Datsun:** 23354N5912**MOTOR****Mitsubishi:** MD099673 - MM115518 - M1T50471 - M2T50181 - M2T50481 - M2T50485 - M2T52181 - M2T52681 - M2T52881
M2T52882 - M2T53083 - M2T53181 - M2T53781 - M2T53785 - M2T54085 - M2T58581**Nissan-Datsun:** 23300-H9112 - 23300-N5911 - 23300-W1011 - 23300-W7011 - 23300-02E10 - 23300-04E10 - 23300-18C70**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën**

Fiat Iveco: Iveco Engines BF4L1011 (2.71L, 2732cc) 1995. Iveco Engines BF4L1011 (2.71L, 2732cc) 1996. Iveco Engines BF4L1011 (2.71L, 2732cc) 1997. Iveco Engines BF4L1011 (2.71L, 2732cc) 1998. Iveco Engines BF4L1011 (2.71L, 2732cc) 1999. Iveco Engines BF4L1011 (2.71L, 2732cc) 2000. Iveco Engines BF4L1011 (2.71L, 2732cc) 2001. Iveco Engines BF4L1011 (2.71L, 2732cc) 2002. Iveco Engines BF4L1011 (2.71L, 2732cc) 2003. Iveco Engines BF4L1011 (2.71L, 2732cc) 2004. Iveco Engines F2L1011 (1.4L, 1366cc) 1996. Iveco Engines F2L1011 (1.4L, 1366cc) 1997. Iveco Engines F2L1011 (1.4L, 1366cc) 1998. Iveco Engines F2L1011 (1.4L, 1366cc) 1999. Iveco Engines F2L1011 (1.4L, 1366cc) 2000. Iveco Engines F2L1011 (1.4L, 1366cc) 2001. Iveco Engines F2L1011 (1.4L, 1366cc) 2002. Iveco Engines F2L1011 (1.4L, 1366cc) 2003. Iveco Engines F2L1011 (1.4L, 1366cc) 2004. Iveco Engines F3L1011 (2.0L, 2049cc) 1996. Iveco Engines F3L1011 (2.0L, 2049cc) 1997. Iveco Engines F3L1011 (2.0L, 2049cc) 1998. Iveco Engines F3L1011 (2.0L, 2049cc) 1999. Iveco Engines F3L1011 (2.0L, 2049cc) 2000. Iveco Engines F3L1011 (2.0L, 2049cc) 2001. Iveco Engines F3L1011 (2.0L, 2049cc) 2002. Iveco Engines F3L1011 (2.0L, 2049cc) 2003. Iveco Engines F3L1011 (2.0L, 2049cc) 2004. Iveco Engines F4L1011 (2.7L, 2732cc) 1996. Iveco Engines F4L1011 (2.7L, 2732cc) 1997. Iveco Engines F4L1011 (2.7L, 2732cc) 1998. Iveco Engines F4L1011 (2.7L, 2732cc) 1999. Iveco Engines F4L1011 (2.7L, 2732cc) 2000. Iveco Engines F4L1011 (2.7L, 2732cc) 2001. Iveco Engines F4L1011 (2.7L, 2732cc) 2002. Iveco Engines F4L1011 (2.7L, 2732cc) 2003. Iveco Engines F4L1011 (2.7L, 2732cc) 2004.

Maxion**Mitsubishi****1046**T20 | - | CW
Fam. 134**ORIGINAL****Mitsubishi:** M357T72671 - M357T72672 - M357X72672 - M357X85273 - ME700972**MOTOR****Mitsubishi:** 232415 - M2T55271 - M2T56471 - M2T56472 - M2T57881 - M2T61771 - M2T65271 - M2T65272 - M2T67881 - M2T67882
M2T67883 - M2T69081 - M2T72871 - M2T74371 - M2T78381 - M2T78481 - M2T78482**APLICAÇÃO / APLICACIÓN / APPLICATION****Mitsubishi:** E2500 diesel XA. E3000. Fuso Canter 4DRS 1984-88, 3600, 33, 4D30, 31, 32, 1998, 20, 30, 35, 4D31T, 1987. Light Bus HA. Wheel Loader S4E.**Nissan-Datsun:** Forklifts.**ZEN:** Utiliza pinhão ZEN 12812.**1047**T20 | - | CW
Fam. 134**ORIGINAL****Mitsubishi:** M357T75571 - 75571 - MD607791**MOTOR****Mitsubishi:** MD069166 - MD070934 - MD084414 - MD164975 - MD164976 - M2T56181 - M2T56182 - M2T56185 - M2T56271
M2T57771 - M2T74171**APLICAÇÃO / APLICACIÓN / APPLICATION****Mitsubishi:** L200 1997. Pajero 2.3 TD, 2.5 TD.**ZEN:** Utiliza pinhão ZEN 12812.

1048



T8 | SPL6 | CW
Fam. 132

ORIGINAL

Daewoo: 3120A78B00 - 93740994
Kia: 361392X000

MOTOR

Daewoo: 31100A78B00

APLICAÇÃO / APLICACIÓN / APPLICATION

Daewoo: Tico.
Kia: Rio 02/05. Spectra 1.6

1054



T8 | SPL8 | CCW
Fam. 47

ORIGINAL

MOTOR

Mitsubishi: MB30118X45

APLICAÇÃO / APLICACIÓN / APPLICATION

Kia: Pride.

1056



T9 | SPL12 | CW
Fam. 26

ORIGINAL

Iskra: 16900089

MOTOR

Iskra: 11130029 - 11130102 - 11130162 - 11130166 - 11130217 - 11130218 - 11130219 - 11130234 - 11130266

APLICAÇÃO / APLICACIÓN / APPLICATION

Autobianchi
Citroën
Fiat
Lancia
Opel
Peugeot
Renault
Seat
Talbot
Vauxhall
Volvo
Zastava

1057



T10 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209642

MOTOR

Bosch: 0001109014

APLICAÇÃO / APLICACIÓN / APPLICATION

A.E.C. C220 diesel, 2.2, 70KW, 08/93

Mercedes Benz: C200 diesel T, 2.2, 70KW, a partir de 05/96. C200 diesel, 2.0, 55KW, de 03/93 a 08/95. C200 diesel, 2.0, 65KW, a partir de 09/96. C220 diesel, 2.2, 70KW, a partir de 08/93. C250 diesel Turbo, 2.5, 110KW, a partir de 09/95. E200 diesel, 2.0, 65KW, a partir de 03/97. E220 diesel, 2.2, 70KW, a partir de 06/95. E250 diesel T, 2.5, 83KW, a partir de 05/96. E250 diesel, 2.5, 83KW, a partir de 06/95. E290 diesel Turbo T, 2.9, 95KW, a partir de 05/96. E290 diesel Turbo, 2.9, 95KW, a partir de 01/96. Sprinter 208 diesel 2.3, 58-60KW, a partir de 02/95. Sprinter 210 diesel, 2.9, 75KW, a partir de 01/97. Sprinter 212 diesel, 2.9, 90KW, a partir de 02/95. Sprinter 308 diesel, 2.3, 58KW, a partir de 02/95. Sprinter 310 diesel, 2.9, 75KW, a partir de 01/97. Sprinter 312 diesel, 2.9, 90KW, a partir de 02/95. Sprinter 408 diesel, 2.3, 58KW, a partir de 02/95. Sprinter 410 diesel, 2.9, 75KW, a partir de 01/97. Sprinter 412 diesel, 2.9, 90KW, a partir de 02/95. V230 TD, 2.3, 72KW, a partir de 04/96. Vario 512 diesel, 2.9, 90KW, a partir de 09/96. Vario 612 diesel, 2.9, 90KW, a partir de 09/96. Vario O 812 diesel, 2.9, 90KW, a partir de 09/96.

1058T11 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209671**MOTOR****Bosch:** 0001108180 - 0001108182 - 0001108186**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Clio II 1.9 diesel. Clio 1.0 8V. Clio 1.6i. Kangoo 1.9 diesel. Kangoo 1.9 diesel, 48KW, a partir de 10/97. Megane 1.9 diesel. R19 1.9 diesel. Trafic 1.9 diesel, 47-48KW, a partir de 11/97 c/ partida Bosch.**1059**T9 | SPL10 | CW
Fam. 29**ORIGINAL****MOTOR****Iskra:** 11130124 - 11130322**APLICAÇÃO / APLICACIÓN / APPLICATION****Aifo**
Fiat Allis
Fiat Iveco
New Holland
Valmet: Trator c/ partida Iskra.
Zastava**1060**T10 | SPL10 | CW
Fam. 29**ORIGINAL****Iskra:** 16900151**MOTOR****Iskra:** 11130373**APLICAÇÃO / APLICACIÓN / APPLICATION****IHC**
Landini
Massey Ferguson
Perkins
Renault Agri
Ursus
Valmet: Valtra.**1062**T8 | SPL9 | CW
Fam. 99**ORIGINAL****Nissan-Datsun:** 2331293J00**MOTOR****Lucas:** 26813 - 26834 - 26841
Magneti-Marelli: 63226834 - 63226845 - 63226846
Nissan-Datsun: 2330070J10 - 2330070J11 - 2330070J12**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun**
Primera Berlina 2.0 P10.

1063



T9 | SPL8 | CW
Fam. 112

ORIGINAL

Mitsubishi: 93971 - M191T93971

MOTOR

Mitsubishi: 90572010009502 - M002T87671 - M002T87771 - M002T887712A

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Microônibus Volare.
General Motors: S10 diesel c/ motor MWM.
Renault: Master.
Troller: T4 c/ motor MWM a partir de 2000.

1064



T6 | SPL5 | CW
Fam. 34

ORIGINAL

General Motors: 93297293
Valeo: 090800 - 188440 - 494830 - SS260300

MOTOR

General Motors: 93260358
Valeo: BD7E10 - D7E10 - D7E11 - D7E19 - D7E22 - D7E27 - D7E47

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1065



T9 | SPL10 | CCW
Fam. 100

ORIGINAL

Bosch: 1006209542 - 1006209550

MOTOR

Bosch: 0001107058 - 0001108050 - 0001109028 - 0001110018

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale
Goldoni
Lamborghini
Mosa
Ruggerini

1067



T9 | SPL10 | CW
Fam. 100

ORIGINAL

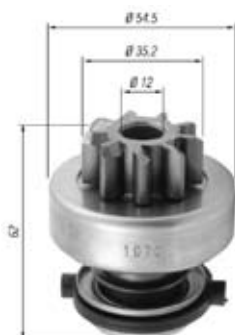
Bosch: 1006209581

MOTOR

Bosch: 0001110066 - 0001110067

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1068T9 | SPL9 | CCW
Fam. 98**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Lada****1069**T10 | SPL16 | CCW
Fam. 133**ORIGINAL****Bosch:** F000AL1100 - 1006209680
Lucas Indiel: 220414**MOTOR****Bosch:** 0001121008 - 0001121009 - 0001121016 - 0001121018
Volkswagen: 02T911023E**APLICAÇÃO / APLICACIÓN / APPLICATION****Audi:** A3 1.6, 1.8, 1.8 Turbo.**Seat:** Alhambra 2.0. Cordoba 1.6, 1.9 TDI. Ibiza Cupra. Sport 1.8 20V Turbo. Vario 1.6.**Volkswagen:** Beetle 2.0. Fox 2003. Golf 1.8, 1.8 4 Motion. Golf 2.0. Golf IV 1.8, 1.8 GTI, 1.8 GTI Turbo. Golf IV 1.8 Motion. Golf IV 1.8 Variant. Golf IV 2.0. Golf IV 2.0 Variant. Polo 1.0 16V, 1.6, 2.0.**1070**T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** 9002336219
Lucas Indiel: 220415**MOTOR****Bosch:** 9000331201 - 9000331203**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Ducato.**Ford:** Maverick 2.7 D, 93 a 98.**Nissan-Datsun:** Com partida Bosch.**Oldsmobile****1071**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 9002336223**MOTOR****Bosch:** 0001218162 - 0001218165**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz****Steyr Puch****Still**

1072



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9002336224 - 9002336287
Lucas Indiel: 220416

MOTOR

Bosch: 0001218157 - 9000331414

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Jumper 2.5 D, TD.
Fiat: Ducato 2.5 TD.
Peugeot: Boxer 2.5 TD. 605 TD.

1073



T9 | SPL10 | CW
Fam. 27

ORIGINAL

Iskra: 16901658

MOTOR

Iskra: 11130229 - 11130254 - 11130407 - 11130409 - 11130412 - 11130484 - 11130491 - 11130823 - 11130824 - AZJ3118
AZJ3548

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: 5000D, 6150, 7000D, 7500 TD, BX100, BX130, BX4.100, BX4.110, BX4.130, BX4.150, BX4.90.
Case: 80 CR, 80 P. **CBT:** 8440. **Claas:** Consul 3.8. Dominator 5.7. Mercator 5.7. **Fiat Allis:** FB 80. **Lamborghini**
Mercedes Benz: 6 T 608 . 7 T 709 . 8 T 808, 809, 813. 9 T 911, 913. 10 T 1013, 1013A, 1013S, 1017, LP1013, LPK1013. 11 T L1113B ,
LK01113B, LP1113, LPK1113, LPS1113B, OF1113. 12 T 1213, 1217, 1350, 1250, 1450, 1550, 1650, 1700, 175, 2100, 2150. 13T 1313. 14
T 1413, 1417. 15T 1513. 16 T 1613, 1617. 18 T 1819. 54.403, 66.403, 72.403, 80.406, 90.416, 95.424. L508D, L608D. O309, 1000, 1100,
1300 Turbo, 1400 Turbo, 1500, 1600 Turbo. **Puma:** 914 4.0. **John Deere (SLC):** 7700 Turbo. **Same - Valmet:** 110 225-6 5.7. 118
D229-6 5.9. 118 PID A 229-6 TV Alc. 5.9. 128 D229-6 VS 5.9. 128 4X4 D 229-6 VS. 128 4X4 PID A 229-6 Alcool. Valtra 785.
Volkswagen: 11.130, 13.130, 6.90, 7.110, 7.900.

1074



T10 | SPL9 | CW
Fam. 85

ORIGINAL

Valeo: NE831 - 185290 - 188256 - 594136

MOTOR

Valeo: D7R1 - D7R11 - D7R15 - D7R2 - D7R24 - D7R3 - D7R33 - D7R4

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Xsara ZX D.
Peugeot: 106 D.
Rover
Tatra

1076



T9 | SPL3 | CW
Fam. 21

ORIGINAL

Bosch: 2006208011 - 2006209022 - 2006209030 - 2006209183 - 2006209900 - 9001083444

MOTOR

Bosch: 0001354006 - 0001354012 - 0001354021 - 0001354025 - 0001354041 - 0001354048 - 0001354055 - 0001354068
0001354085 - 0001354087 - 0001355009 - 9000083015

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Série 1800-D, TX 1600 c/ motores MWM 229-3 , 2229-4. Mueller Vibro RT 62, 83 c/ motor MWM 229-4MWM D 229-3, D 229-4,
D 229-6, TBD 229-EC-6, TD 229-6
Bautz - Carraro
Eicher - Fendt
Lamborghini - Lombardini
Mercedes Benz
John Deere (SLC): D 229-3, D 229-4, D 229-6, TBD 229-EC-6, TD 229-6.
Valmet: 62ID, 65ID, 85ID, 110ID, 685, c/ motores MWM D 225-3, 4, 6.

1081T12 | - | CW
Fam. 122**ORIGINAL****Visteon:** 1C3U11350AB**MOTOR****Visteon:** 1C3U11000AA - 1C3U11000AB - 1C3U11000AC - 1C3U11000AD - 1C3U11000AE - 1C3Z11002AA - 2C2411000AA**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Heavy Duty F250, F350 Series. LT Trucks E-Series Vans 7.3L - diesel. LT Trucks Excursion 7.2L - diesel.**1082**T12 | SPL6 | CW
Fam. 132**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F350 Heavy Duty modelos 98 em diante. F450 Heavy Duty modelos 98 em diante.**1088**T11 | SPL12 | CCW
Fam. 127**ORIGINAL****Iskra:** 16900035**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****1090**T10 | SPL10 | CW
Fam. 46**ORIGINAL****Lucas:** 35259873**Lucas Indiel:** 229873**MOTOR****Lucas Indiel:** 35259580 - 35259620 - 35259630 - 35259640 - 35259660 - 35259870**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F250 com motor Cummins ISBe4. F350 com motor Cummins B Aftercooler 3.9 c/ conec. estanco. F4000 com motor Cummins B Aftercooler 3.9 c/ conec. estanco. F250 com motor Cummins ISBe4. F350 com motor Cummins B Aftercooler 3.9 c/ conec. estanco. F4000 com motor Cummins B Aftercooler 3.9 c/ conec. estanco.**John Deere (SLC):** Trator 5600. **Volkswagen:** Caminhão VW13180, MWM. Caminhão 17210 com partida Lucas.

1091



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 229773 - 35261302

MOTOR

Lucas Indiel: 35259430 - 35259760 - 35261360
Volkswagen: 2T0911335

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Caminhões e Ônibus VW 13190, 15190 e 17210 c/ motor MWM.

1092



T10 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas: 2W0911335
Lucas Indiel: 35261303
Prestolite: 35261303

MOTOR

Lucas Indiel: 35259440
Prestolite: 35259440 - 35259770

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1097



T10 | - | CW
Fam. 124

ORIGINAL

Nippondenso: 0283001970 - 0283004011 - 0283004081 - 0283004082
Thermo King: 2801167030
Toyota: 2801164010 - 2801164030 - 2801167030

MOTOR

Nippondenso: 0280008451 - 1280000930 - 1280005350 - 1280008980 - 1280009550 - 2280000200 - 2280000460 - 2280000880 - 2280001850 - 2280003640 - 2280003680 - 2280004980 - 2280005020 - 2280005021 - 2280005022 - 2280005023 - 2810067050

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Hilux 3.0 SW 4. Camry 2.0 D Turbo. Corolla 1.8 D, 2.0 D. Hilux 3.0 SW 4. Land Cruiser 3.0 TD - D-4D. Lite-Ace 2.0 D.

1098



T11 | SPL16 | CW
Fam. 46

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Hino: Caminhões FB/FF basculante.

1104T9 | SPL10 | CW
Fam. 13**ORIGINAL****Magneti-Marelli:** 74896851 - 85540141**MOTOR****Magneti-Marelli:** 63222001 - 63222031 - 63222039 - 63222136**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Cromo D, DT.
Lancia: Thema D, DT.**1107**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209669**MOTOR****Bosch:** 0001109034
Toyota: 281000B020**APLICAÇÃO / APLICACIÓN / APPLICATION****Toyota:** Avensis 2.0 TD.**1108**T9 | SPL16 | CCW
Fam. 133**ORIGINAL****Bosch:** F000AL1086 - 1006209657 - 1006209757 - 1007010105**MOTOR****Bosch:** 0001121006 - 0001121007 - 0001121010 - 0001121011**APLICAÇÃO / APLICACIÓN / APPLICATION****Audi:** A3 1.6, 1.8 T, TT.
Seat: Alhambra 1.8T, 2.0. Córdoba 1.6, 1.8, 2.0. Ibiza 1.6. Leon 1.4, 1.6, 1.8, 1.8T. Toledo 1.4, 1.6, 1.8.
Skoda: Octavia 1.6, 1.8, 1.8T, 2.0.
Volkswagen: Bora 1.6 Variant. Bora 1.6, 2.0. Golf IV 1.4, 1.6, 1.8, 2.0, 2.0 Variant. Golf IV 1.8 GTI, 1.8 GTI Turbo. New Beetle 1.8, 2.0. Polo 1.6, 1.8. Sharan 1.8T, 2.0. Transporter 2.0.**1109**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209637
Lucas Indiel: 220418**MOTOR****Bosch:** 0001109015 - 0001109052 - 0001109062**APLICAÇÃO / APLICACIÓN / APPLICATION****Opel:** Astra. Frontera. Saad 9.3. Vauxhall. Vectra. Zafira 2.0 DTL 16V.

1111



T9 | - | CW
Fam. 54

ORIGINAL

Bosch: 2006382060

MOTOR

Bosch: 0001510020 - 0001510025 - 0001510031 - 0001510032 - 0001510037 - 0001510038 - 0001510041

APLICAÇÃO / APLICACIÓN / APPLICATION

Kaeble
Mercedes Benz
MWM

1112



T9 | SPL12 | CW
Fam. 43

ORIGINAL

Remy: 10484659 - 10524228

MOTOR

Mercedes Benz: A0051518301
Remy: 10479645 - 10479651 - 10479652

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 710, 1418R, 1720, 1720K, L 1620, LO 814 - com motores OM 364 e OM 366 em 12V. OF 1721, OH 1420, OH 1621L, OH 1623 - com motores OM 364 e OM 366 em 24V.
TCM Equipment Ag: Motores 28MT 24V/12V.

1113



T9 | SPL10 | CW
Fam. 47

ORIGINAL

Magneti-Marelli: 85541270

MOTOR

Magneti-Marelli: 63111007 - 63111010

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: 145, 146, 147, 155, 156.
BMW
Fiat: Barchetta. Brava. Bravo. Coupe. Marea, Marea 2.4 20V. Punto II. Stilo.
Lancia: Delta. Kappa. Lybra.

1117



T9 | SPL10 | CW
Fam. 13

ORIGINAL

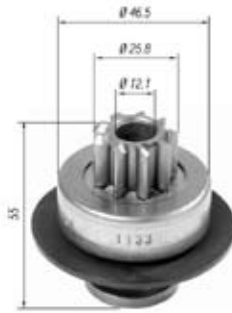
Fiat: 9941371
Magneti-Marelli: 74896591 - 85540431 - 85540451
Lucas Indiel: 220419

MOTOR

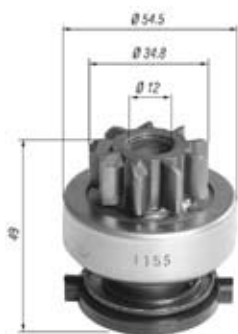
Magneti-Marelli: 63222000 - 63222004 - 63222030 - 63222034 - 63222038 - 63222130 - 63222134 - 63222135 - 63222138

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo
Fiat: Ducato TD.
Lancia

1133T9 | SPL9 | CW
Fam. 129**ORIGINAL****Lucas Indiel:** 220270**MOTOR****Lucas:** 35258740**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** Gol. Senda Saveiro.**1134**T10 | SPL9 | CW
Fam. 117**ORIGINAL****Lucas:** 220210**MOTOR****Lucas Indiel:** 35258400 - 35258420 - 35258460 - 35258560 - 35258720 - 35258840**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Duna 1.7 D. Fiorino 1.7 D. Palio 1.7 TD. Uno 1.7 TD.**Ford:** Pick-up (USA) 4.9, 5.8. Tiger Tug (USA) - Cummins.**Renault:** 19 1.7, 1.8. Clio 1.4. Clio F8Q 1.9 D. Express F8Q 1.9 D. Megane 2.0. R19 F8Q 1.9 D.**1152**T9 | SPL5 | CW
Fam. 34**ORIGINAL****Valeo:** 187428**MOTOR****Valeo:** D7E2**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** AX. BX.**Peugeot:** 106. 205. 309. 405.**Renault:** Clio II.**1153**T9 | SPL10 | CW
Fam. 100**ORIGINAL****Bosch:** 1006209704**Lucas Indiel:** 220421**MOTOR****Bosch:** 0001116001**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Clio I / II. Kangoo. Twingo 1.2L.

1155



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209656

MOTOR

Bosch: F000AL0108 - 0001109031

APLICAÇÃO / APLICACIÓN / APPLICATION

Lombardini: 3, 4 cyl diesel 1989-0N.
Toyota: Avensis 2.0 TD. Corolla 2.0. Corolla 2.0 diesel.

1156



T21 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209652

MOTOR

Bosch: 0001107059 - 0001107082
Ford: 97KB11000AA - 97KB11000AB - 97KB11000AC

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Ka 1.3. Ka II 1.3. Ka III 1.3. Ka, Ka II, Ka III 1.3L 1996.

1157



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0148 - 6033AD3120

MOTOR

Bosch: 0001230007 - 0001230009 - 0001230010 - 0001231010 - 0001231011

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1158



T9 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0077 - 6033AD1002

MOTOR

Bosch: 0001223003 - 0001223007 - 0001223024

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1159T10 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 6033AD0184 - 6033AD0200 - 6033AD3334 - 9002336237
DAF: 1382550

MOTOR

Bosch: 0001230004 - 0001230008 - 0001231009 - 0001231001 - 0001231012 - 0001231016 - 0001231026 - 0001231027
 0001231039

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Iveco: Fiat Ducato.
Renault: 210 Midlum dCI 6AE Euro 3.

1160T12 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 6033AD0129

MOTOR

Bosch: 0001231004

APLICAÇÃO / APLICACIÓN / APPLICATION

Volvo: FM 1998.

1161T11 | SPL6 | CW
Fam. 91**ORIGINAL**

Magneti-Marelli: 72336117

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Peugeot: J9D (Karsan).

1162T10 | SPL9 | CW
Fam. 85**ORIGINAL**

Valeo: NE885 - 186321 - 594251

MOTOR

Valeo: D9R142 - ND161

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: Laguna D RN, RT, RXE.

1168



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL1709 - 1006209778
Lucas Indiel: 220423

MOTOR

Bosch: F000AL0105 - F000AL0107 - F000AL0112

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1169



T11 | SPL10 | CW
Fam. 47

ORIGINAL

Magneti-Marelli: 85541250 - 85541690
Lucas Indiel: 220424

MOTOR

Magneti-Marelli: 63111008 - 63111027 - 63112003

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo
Fiat: Brava. Bravo. Marea. Multipla.
Lancia

1170



T10 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 9002336225
Lucas Indiel: 220425

MOTOR

Bosch: 0001218166

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1171



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: 9002336200 - 9002336205

MOTOR

Bosch: 0001218105 - 0001218128

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escort 1.8L DSL 1989-96 See: 120-330. Fiesta 1.8L DSL 1989-96 See: 120-330. Orion 1.8L DSL 1989-96 See: 120-330.

1172T11 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 9003336286**MOTOR****Bosch:** 9000331411**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Renault Express, Extra, Rapid 1.6L DSL 1986-97.**1173**T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 9003336290**MOTOR****Bosch:** 9000331421 - 9000331424 - 9000331428**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun:** Nissan Trade 2.0L DSL 1984-98. Vanette 2.0L DSL 1984-98.**1174**T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 900331430 - 900336274**MOTOR****Bosch:** 9000331406**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun:** Ebro. Nissan Trucks 1985-2000. Van.**1175**T9 | SPL6 | CW
Fam. 17**ORIGINAL****Volga:** 4211.3708.600 - 42163708-01**MOTOR****Volga:** 4216.3708-01 - 62.3708**APLICAÇÃO / APLICACIÓN / APPLICATION****Volga:** Volga with 402 Engine.

1176



T9 | SPL16 | CW
Fam. 17

ORIGINAL

Volga: 4211.3708.600-08 - 42163708-07

MOTOR

Volga: 4216.3708-07 - 6012.3708-000

APLICAÇÃO / APLICACIÓN / APPLICATION

Volga: Volga with 406 Engine.

1177



T9 | SPL16 | CW
Fam. 101

ORIGINAL

Bosch: F000AL1306 - F000AL1694

MOTOR

Bosch: F000AL0400

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1178



T10 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0306

MOTOR

Bosch: 0001231008
Man: 51262017158

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1179



T11 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0304 - 6033AD0467

MOTOR

Bosch: 0001231014

APLICAÇÃO / APLICACIÓN / APPLICATION

Volvo: FL180, 220, 250.

1180T10 | SPL10 | CW
Fam. 15**ORIGINAL****Bosch:** 2006209501**MOTOR****Bosch:** 0001363106 - 0001363120**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz:** Still Forklifts. Unimong U650.**1181**T11 | - | CW
Fam. 54**ORIGINAL****Bosch:** 2006382174 - 2006383160**MOTOR****Bosch:** 0001410067 - 0001410068 - 0001410116 - 0001415020**APLICAÇÃO / APLICACIÓN / APPLICATION****DAF:** F2800, F3200.**1184**T9 | SPL3 | CW
Fam. 20**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****1187**T9 | SPL9 | CW
Fam. 87**ORIGINAL****Paris-Rhone:** 99931**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** BX16, CX 2.0 C25.**Peugeot:** 309, 405, 504, 505, J5, J7.**Renault:** Fuego. Master. R4, R5, R9, R11, R18, R20, R21, R25. Trafic.**Volvo:** 345.

1188



T9 | SPL12 | CW
Fam. 83

ORIGINAL

Lester: 16109 - 16283

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

MOTOR

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Austin: 1800, Allegro, Maxi, Metro.

Bedford: CA 1.8, 2.3, CF 1.6-2.3, CF 1.8-2.3.

Ford: FT100, 120, 130, 160, 190.

Hillman: Avenger, Hunter, Minx, Sceptre.

Leyland: Freight Van, Sherpa Van.

Lotus: Europa.

Morris: 1800, Ital 1.7, 18/22 Series.

Talbot: Sunbeam 0.9, 1.3, 1.6.

Vauxhall: Cavalier, Chevette, Magnum, Magnum 1800, 2300, VX 1800, 2300 M 35, Ventora, Victor, Victor FD 2000, Victor FE 1800.

1189



T9 | SPL3 | CW
Fam. 17

ORIGINAL

Bosch: 1987BE0036

Lester: 6317 - 6339 - 6413

Remy: D2032 - 1984511

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1190



T10 | SPL19 | CW
Fam. 51

ORIGINAL

Bosch: 9001453670

Facet: 480217 - 480324

Lester: 4899

Remy: 1846089 - 830622

Wapsa: 224056

MOTOR

Bosch: 0001370001 - 9000453029 - 9000453066

APLICAÇÃO / APLICACIÓN / APPLICATION

Cummins: Motor série C.

Ford: Caminhão Cargo CF7000. Caminhão 1519, 1521, 1621, 2319, 2321, 3021, 3323 c/ motor Ford 7.8 lts. e partida JE.

Müeller: Compactador c/ motor Cummins série C.

New Holland: Motor HTA7, HTA8, TC7, TC8, TCP7, TCP8.

TCM Equipment Ag: Ford, VW, Müller, Cummins c/ partida Delco Remy/Bosch JE (10 dentes).

Volkswagen: Caminhão VW13.210, VW14.210, VW22.210, todos c/ motor Cummins 6 cil. Turbo. Caminhão 14170, 14210, 16170, 16210H Turbo Charger, 16220H Turbo Charger, 24220, (todos CUM-6 CT 8,3 lts.), (Eq. primário).

1191



T9 | SPL6 | CDW
Fam. 108

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1192T10 | SPL12 | CW
Fam. 115**ORIGINAL****Bosch:** 1987BE0018**Ford:** E90Z11350A - FOTZ11002A - F07U11000AA - F2TU11000AA - F5DZ11350A - SD337**Lucas:** TMB350**MOTOR**

Ford: E9SF11000AA - E9SF11000BA - E9SZ11002A - E9SZ11002B - E90F11000BA - E90Y11002A - E90Y11002B - FOCF11000BA
FOCU11000BA - FOFZ11002A - FOTZ11002A - FOTZ11002B - FO2F11000AA - F07U11000AA - F07U11000BA - F00U11000AA
FO0Y11002A - F0011002A - FOTZ11002A - F02U11000AA - F02Z11002A - F13U11000AA - F13Z11002A - F2DU11000AA
F2DU11000BA - F2DZ11002A - F2TU11000AA - F2TZ11002A - F23U11000AA - F23U11000BC - F23Z11002A - F23Z11002B
F3DU11000AA - F3DZ11002A - SA769 - SA769A - SA771 - SA771A - SA774 - SA775 - SA776 - SA777 - SA784 - SA790 - SA800 - SA807

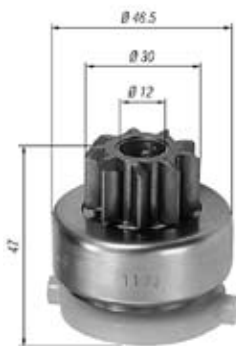
Mazda: ZZLO-18-400 - ZZL1-18-400**Porsche:** E90SZ11000AA - E90V11002A - E9SF11002A**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: Bronco 4.9L 92. Bronco 5.0L 92-96. Bronco 5.8L 92-96. Escape ano 2001 à 2009 - motores 6 cilindros. F séries Pick-up 5.0 lts (92-98). F séries Pick-up 5.8 lts. (92-96). F1000 4.9L 6 cil. à gasolina. F250 V6 à gasolina. Ranger. Taurus GL 1990 V6 3.8 gas.

Taurus GL 1991 V6 3.8 gas. Taurus GL 1992 V6 3.8 gas. Taurus GL 1993 V6 3.8 gas. Taurus GL 1994 V6 3.8 gas. Taurus GL 1995 V6 3.8 gas. Taurus L 1990 V6 3.8 gas. Taurus L 1991 V6 3.8 gas. Taurus L 1992 V6 3.8 gas. Taurus LX 1990 V6 3.8 gas. Taurus LX 1991 V6 3.8 gas. Taurus LX 1992 V6 3.8 gas. Taurus LX 1993 V6 3.8 gas. Taurus LX 1994 V6 3.8 gas. Taurus LX 1995 V6 3.8 gas. Taurus SE 1995 V6 3.8 gas. Tempo GL 1991 L4 2.3 gas. Tempo GLS 1991 L4 2.3 gas. Tempo L 1991 L4 2.3 gas. Tempo LX 1991 L4 2.3 gas. Thunderbird LX 1989 V6 3.8 gas. Thunderbird LX 1990 V6 3.8 gas. Thunderbird LX 1991 V6 3.8 gas. Thunderbird LX 1992 V6 3.8 gas. Thunderbird LX 1993 V6 3.8 gas. Thunderbird LX 1994 V6 3.8 gas. Thunderbird LX 1995 V6 3.8 gas. Thunderbird LX 1996 V6 3.8 gas. Thunderbird SC 1989 V6 3.8 gas. Thunderbird SC 1990 V6 3.8 gas. Thunderbird SC 1991 V6 3.8 gas. Thunderbird SC 1992 V6 3.8 gas. Thunderbird SC 1993 V6 3.8 gas. Thunderbird SC 1994 V6 3.8 gas. Thunderbird SC 1995 V6 3.8 gas.

Lincoln: Continental Executive 1991 V6 3.8 gas. Continental Executive 1992 V6 3.8 gas. Continental Executive 1993 V6 3.8 gas. Continental Executive 1994 V6 3.8 gas. Continental Signature 1989 V6 3.8 gas. Continental Signature 1990 V6 3.8 gas. Continental Signature 1991 V6 3.8 gas. Continental Signature 1992 V6 3.8 gas. Continental Signature 1993 V6 3.8 gas. Continental Signature 1994 V6 3.8 gas.

Mercury: Cougar LS 1989 V6 3.8 gas. Cougar LS 1990 V6 3.8 gas. Cougar LS 1991 V6 3.8 gas. Cougar LS 1992 V6 3.8 gas. Cougar XR-7 1989 V6 3.8 gas. Cougar XR-7 1990 V6 3.8 gas. Cougar XR-7 1993 V6 3.8 gas. Cougar XR-7 1994 V6 3.8 gas. Cougar XR-7 1995 V6 3.8 gas.

1193T9 | SPL12 | CW
Fam. 115**ORIGINAL****Ford:** FOFZ11350A - SD-340**Lester:** 3214**MOTOR****Ford:** FOCF-11000AA - FOCU-11000AA - SA779**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Escort.**1194**T10 | SPL12 | CW
Fam. 29**ORIGINAL****Lester:** 6583**Lucas Indiel:** 220427**Remy:** 10456455 - 10457056 - 10457579**MOTOR**

Remy: 10465151 - 10465314 - 10479604 - 10479614 - 10479615 - 10479617 - 10479618 - 10479625 - 10479634 - 10479638 - 10479641 - 1113269 - 1113270 - 1113292 - 1113295 - 1113296

APLICAÇÃO / APLICACIÓN / APPLICATION**Bobcat:** Bobcat.**Cummins:** Cummins. Cummins c/ partida Delco Remy 28MT.**Ford:** Ford Truck c/ motor Cummins partida Delco 28MT. F12000, F14000 (ano 99) c/ partida Delco 28MT, F700.**General Motors:** Pick-up Silverado Sierra Importado DIE c/ partida Delco Remy.**John Deere (SLC):** John Deere.**TCM Equipment Ag:** GM, Silverado Sierra c/ motor Cummins. John Deere, Bobcat.

1195T10 | SPL12 | CW
Fam. 29**ORIGINAL**

Lester: 6572 - 6576 - 6578 - 6581 - 6584 - 6587 - 6588 - 6593 - 6600 - 6602
Remy: D2054 - 10457057

MOTOR

Remy: 10479607 - 1113274 - 1113275 - 1113278 - 1113281 - 1113282 - 1113284 - 1113285 - 1113288 - 1113289 - 1113290 - 1113297

APLICAÇÃO / APLICACIÓN / APPLICATION

Bobcat: Bobcat.
Clark: Clark.
Deutz: Allis c/ partida Delco Remy 28MT 12/24V.
Hyster: Empilhadeira Hyster.
IHC
Massey Ferguson: Trator Maxion 9110, 9130, 9150, 9170. Trator MF265, 270, 275, 285, 290, 292, 295, 296, 400, 50X, 55X, 65R, 65X, 85X, 86, 95, 95I, (todos c/ partida Bosch).
Müller: Müller.
New Holland: New Holland.
Perkins: Tratores, Industriais, Estacionários.
TCM Equipment Ag: Série 28MT 12/24V (Deutz, Massey Ferguson, Bobcat).

1196T12 | SPL12 | CW
Fam. 29**ORIGINAL**

Lester: 6571 - 6575 - 6586
Remy: 10457058 - 10457168

MOTOR

Remy: 10479606 - 10479613 - 1113273 - 1113279 - 1113280

APLICAÇÃO / APLICACIÓN / APPLICATION

Bobcat: Melroe Bobcat.
Clark: Clark.
Hyster: Empilhadeira Hyster.
New Holland: New Holland.
Perkins: Tratores, Industriais, Estacionários.

1197T9 | SPL12 | CW
Fam. 29**ORIGINAL**

Lester: 6579 - 6599
Remy: 10457059

MOTOR

Remy: 10479620 - 1113286

APLICAÇÃO / APLICACIÓN / APPLICATION

Deutz: Allis.
Mercedes Benz: Caminhão 712 eletronic.

1198T9 | SPL12 | CW
Fam. 29**ORIGINAL**

Remy: 10457060

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

1199T12 | SPL12 | CW
Fam. 115**ORIGINAL****Ford:** F2VY11350A - SD-341 **Lester:** 3221 - 3267**MOTOR****Ford:** F2VY11002A - F3LU11000AA - F3LY11002A - SA789 - SA822**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: Crown Victoria LX 1992 V8 4.6 gas. Crown Victoria LX 1993 V8 4.6 gas. Crown Victoria LX 1994 V8 4.6 gas. Crown Victoria LX 1995 V8 4.6 gas. Crown Victoria Police Interceptor 1993 V8 4.6 gas. Crown Victoria Police Interceptor 1994 V8 4.6 gas. Crown Victoria Police Interceptor 1995 V8 4.6 gas. Crown Victoria S 1992 V8 4.6 gas. Crown Victoria S 1993 V8 4.6 gas. Crown Victoria S 1994 V8 4.6 gas. Crown Victoria S 1995 V8 4.6 gas. Crown Victoria Touring Sedan 1992 V8 4.6 gas. Mustang. Mustang Cobra 1996 V8 4.6 gas. Mustang Cobra 1997 V8 4.6 gas. Mustang GT 1996 V8 4.6 gas. Mustang GT 1997 V8 4.6 gas. Thunderbird LX 1994 V8 4.6 gas. Thunderbird LX 1995 V8 4.6 gas. Thunderbird LX 1996 V8 4.6 gas.

Lincoln: Mark VIII LSC 1995 V8 4.6 gas. Mark VIII LSC 1996 V8 4.6 gas. Town Car Cartier 1992 V8 4.6 gas. Town Car Cartier 1993 V8 4.6 gas. Town Car Cartier 1994 V8 4.6 gas. Town Car Cartier 1995 V8 4.6 gas. Town Car Executive 1992 V8 4.6 gas. Town Car Executive 1993 V8 4.6 gas. Town Car Executive 1994 V8 4.6 gas. Town Car Executive 1995 V8 4.6 gas. Town Car Jack Nicklaus 1993 V8 4.6 gas. Town Car Signature 1992 V8 4.6 gas. Town Car Signature 1993 V8 4.6 gas. Town Car Signature 1994 V8 4.6 gas. Town Car Signature 1995 V8 4.6 gas. Town Car Spinmaker Edition 1995 V8 4.6 gas. Town Car Tournament Edition 1994 V8 4.6 gas.

Mercury: Cougar XR-7 1994 V8 4.6 gas. Cougar XR-7 1995 V8 4.6 gas. Cougar XR-7 1996 V8 4.6 gas.

1200- - - CW
Fam. 122**ORIGINAL****Hitachi:** 211425505 - 211475008**Isuzu:** 8941155690**Nissan-Datsun:** 2335411M00**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Isuzu:** Isuzu.**Nissan-Datsun:** Primera 2.0. Stanza.**Volvo:** 240 D, 740 TD.**1201**- - - CW
Fam. 124**ORIGINAL****Nippondenso:** 283000010**MOTOR****Nippondenso:** 1280007500 - 1280009380**APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Daytona 3.0. Fifty Avenue. Lebaron. Saragata 3.0. Voyager 3.3 V6 1990 - 1993.**Harley-Davidson:** MY91 - 06 BT except MY06 Dyna.**1204**T11 | SPL19 | CW
Fam. 51**ORIGINAL****Leece - Neville:** M02909722**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

1205T12 | SPL19 | CW
Fam. 51**ORIGINAL**

Facet: 10641
Lester: 6630 - 6633 - 6634 - 6662 - 6664 - 6666
Remy: 10472565

MOTOR

Remy: 10461417 - 10478818 - 10478961 - 10479109 - 10479292 - 10479310 -

APLICAÇÃO/APLICACIÓN/APPLICATION

Agco: Trator MF 2360 - c/ motor Cummins. **Caterpillar:** Colheitadeira/Combine/Cosechadora MT 875. Motoniveladora 120H c/ partida Delco Remy 41MT. **Cummins:** Cummins c/ partida Delco Remy 42MT (Empilhadeira Hyster a partir de 97).
General Motors Hyster: Empilhadeira 97 c/ motor Cummins.
Mercedes Benz: 1632L, 1632LS, 1634LS, 1938L, 1938LS, 1938S, 1944L, 2638, 2638LK, 2638LS, OF 1722, OH 1628L, Plataformas O 400RSD e SRE de junho de 2002 a setembro 2004. O 500R, RSD e RSE. Demais aplicações com Turbo Brake, exceto Plataforma O 400 mecânico, a partir de setembro de 2004. **TCM Equipment Ag:** Empilhadeira Hyster c/ motor Cummins.

1206T9 | SPL6 | CW
Fam. 38**ORIGINAL**

Fiat: 9941306
Magneti-Marelli: 85540411

MOTOR

Magneti-Marelli: 63222831 - 63222832 - 63222833 - 63222836 - 63222837 - 63222838 - 63222897 - 63223001 - 63223031
 63223032 - 63223033 - 63223034

APLICAÇÃO/APLICACIÓN/APPLICATION

Fiat: Tipo 1.4, 1.6.
Lancia: Dedra 1.6 i.e.

1207- | - | CCW
Fam. 122

Substitui/Cambiar/Replaces 0824.1

ORIGINAL

Hitachi: 211425509
Nissan-Datsun: 2335416E01

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

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

1208T10 | SPL12 | CW
Fam. 115**ORIGINAL**

Ford: F3RZ11350A - F5RU11350RA - SD-353 - XS6411350AA - XS6U11350AA - 53R211350A
Lucas Indiel: 223299

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Contour. Cougar 2.0. Courier 1.6 2001. Escape ano 2001 à 2004 / motores 4 cilindros. Escort 1.6, 1.8. Escort c/ partida Visteon. Fiesta. Focus 1.8, 2.0. KA. Mercury Mystique 2.0L 4 cil. 95-96. Mondeo 1.6, 1.8, 2.0, 1.8 D. Mondeo CLX 97.

1209T10 | SPL5 | CW
Fam. 86**ORIGINAL****Valeo:** NE877 - 186798 - 187961 - 187981 - 594177 - 594252**MOTOR****Valeo:** D6RA56 - D6RA62 - D6RA82 - D6RA83 - D6RA107 - D6RA133 - D6RA162 - D6RAD183**APLICAÇÃO / APLICACIÓN / APPLICATION****General Motors:** Astra 1.8, 2.0, 2.0 16V. Calibra 2.0, 2.0i, 2.0i 16V. Corsa. Suprema 2.0, 2.2, 3.0. Vectra 2.0 GSi MPFi, 2.0 GLS MPFi.**Renault:** Clio 1.2, 1.4, 1.6, 1.8. Laguna 1.8, 2.0. Megane 2.0. R19 1.8, R21. Scenic 2.0.**Volvo:** 440, 460, 480, S40, V40.**1210**T11 | SPL19 | CW
Fam. 51**ORIGINAL****Lester:** 6631 - 6635**Remy:** 10476528**MOTOR****Remy:** 10478898**APLICAÇÃO / APLICACIÓN / APPLICATION****General Motors****TCM Equipment Ag:** Série 42/50MT 12/24V.**1211**- | - | CCW
Fam. 121**ORIGINAL****Lester:** 17170 - 17263 - 17534 - 17687 - 17715 - 17716 - 17774 - 17777**Nippondenso:** 0280906580 - 0280996580 - 0283010020 - 2801174070**MOTOR****Nippondenso:** 1280007390 - 1280008400 - 1280009710 - 1280009720 - 2280000820 - 2280000830 - 2280001910 - 2280002500**APLICAÇÃO / APLICACIÓN / APPLICATION****Kia:** Kia.**Toyota:** Avensis 2.0. Camry 1.8, 2.0, 2.2i, 3.0 V6. Carina II 2.0i. Celica 2.0 GT, 2.0 GTi, 2.0 Turbo. MR-2 2.0. Picnic 2.0. RAV-4 2.0.**1212**- | - | CCW
Fam. 121**ORIGINAL****Lester:** 17273 - 17549 - 17574**Nippondenso:** 0283010060**MOTOR****Nippondenso:** 228000022 - 228000180**APLICAÇÃO / APLICACIÓN / APPLICATION**

1213



ORIGINAL

Lester: 17242
Nippondenso: 0283007160 - 02833007910
Subaru: 23312AA030

MOTOR

Nippondenso: 128000832 - 1280008321

APLICAÇÃO / APLICACIÓN / APPLICATION

Subaru: 1.8,GTi, Turbo, 4X4. 1800, 4X4. Impreza 1.8. Legacy 1.8 2WD. Legacy 2.2

1214



ORIGINAL

Prestolite: M029095036

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1215



ORIGINAL

Nippondenso: 2801154070

MOTOR

Nippondenso: 0280007373 - 0280008760 - 0280008762 - 1280000362 - 1280007353 - 1280008142 - 1280008152 - 1280009592
 2280000400 - 2280000640 - 2280001300
Toyota: 2810054100 - 2810054170

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Hi Lux 2.8 D. Land Cruiser.
Volkswagen: Taro.

1216



ORIGINAL

Autolite-Prestolite: EBA45 - EBB113A - EBB129A - EBB19 - EBB19A - EBB30 - P59116 - P59180 - P5921 - P5934 - 6315 - 6316
Chrysler: 3837936 - 3837986 **Ford:** BRNN11350 - FAB11350A - FAC11350A - FAD11350A - FAV11350A **Remy:** D2010 - D2012 - D2023
 1878079 - 1881636 - 1887463 - 1904170 - 1909204 - 1912766 - 1913587 - 1913589 - 1918219 - 1922266 - 1925079 - 1925285
 1925871 - 1938637 - 1952832 - 1958621 - 1964293 - 1971147

MOTOR

Ford: FAJ11001B - FAN11001A - FAP11001A - FAS11001A
Remy: 1107037 - 1107056 - 1107074 - 1107084 - 1107087 - 1107088 - 1107089 - 1107092 - 1107095 - 1107115 - 1107116 - 1107125
 1107126 - 1107134 - 1107139 - 1107141 - 1107149 - 1107158 - 1107173 - 1107196 - 1107198 - 1107217 - 1107235 - 1107253
 1107605 - 1107654 - 1107658 - 1107659 - 1107695 - 1107728 - 1107745 - 1107746 - 1107747 - 1107755 - 1107762 - 1107787
 1107830 - 1107927 - 1107943 - 1107954 - 1107977 - 1108008 - 1108015 - 1108021 - 1108029 - 1108037 - 1108057 - 1108068
 1108077 - 1108078 - 1108106 - 1108112 - 1108126 - 1108131 - 1108149 - 1108150 - 1108186 - 1109384 - 1109450 - 1109457
 1109458 - 1109468 - 1109654 - 1109671

APLICAÇÃO / APLICACIÓN / APPLICATION

Willys: Linha Willys c/ partida Autolite.

1217T9 | SPL12 | CW
Fam. 115**ORIGINAL**

Facet: 10682
Ford: F87U11350 - F87U11350AC

MOTOR

Ford: F87U11000DD

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F1000, todos diesel. Ranger, todos diesel.

1218T8 | SPL6 | CCW
Fam. 108**ORIGINAL**

BRP: 278001497 - 278001936
Sea Doo: 278001106

MOTOR

Nippondenso: 2280006240
ZEN: 12723

APLICAÇÃO / APLICACIÓN / APPLICATION

Sea Doo: GSX, GTI, GTS, GTX, HX, SP, SP1, SPX, XP. Sea Doo - série 800 (modelos novos). Toda Linha 110 HP

1222T10 | SPL16 | CCW
Fam. 101**ORIGINAL**

Bosch: F000AL1446 - F000AL1682

MOTOR

Bosch: F000AL0401

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Gol II 1.0 MI. Gol III 1.0 16V Turbo. Gol III 1.0 MI. Gol III 1.0 MI 16V. Parati III 1.0 MI 16V. Parati III 1.0 MI 16V Turbo.

1223T9 | SPL16 | CW
Fam. 94**ORIGINAL**

Bosch: F000AL1186 - F000AL1681 - 1006209762

MOTOR

Bosch: F000AL0502

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Parati III 1.8 MI, 2.0 MI. Quantum 1.8 MI, 2.0 MI. Santana 1.8 MI, 2.0 MI. Saveiro III 1.8 MI, 2.0 MI.

1224



T10 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: E90Z11350A - F0TZ11002A - F07U11000AA - F2TU11000AA - F5DZ11350A

Lester: 3204 - 3205 - 3213 - 3217 - 3224 - 3232 - 3238 - 3239 - 3240 - 3241 - 3246 - 3247 - 3264 - 3266 - 3268 - 3269 - 3270 - 3271 - 3272 - 3273 - 3274

MOTOR

Ford: E9SF11000AA - E9SF11000BA - E9SZ11002A - E9SZ11002B - E90F11000BA - E90Y11002A - E90Y11002B - F0CF11000BA - F0CU11000BA - F0FZ11002A - F0TZ11002A - F0TZ11002B - F0ZF11000AA - F07U11000AA - F07U11000BA - F00U11000AA - F00Y11002A - 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 / APLICACIÓN / APPLICATION

Ford: Bronco 4.9L 92. Bronco 5.0L 92-96. Bronco 5.8L 92-96. F Series Pick-up 5.0L 92-98. F Series Pick-up 5.8L 92-96. F1000 4.9L 6 cil. à gasolina. Ranger. Taurus GL 1990 V6 3.8 gas. Taurus GL 1991 V6 3.8 gas. Taurus GL 1992 V6 3.8 gas. Taurus GL 1993 V6 3.8 gas. Taurus GL 1994 V6 3.8 gas. Taurus GL 1995 V6 3.8 gas. Taurus L 1990 V6 3.8 gas. Taurus L 1991 V6 3.8 gas. Taurus L 1992 V6 3.8 gas. Taurus LX 1990 V6 3.8 gas. Taurus LX 1991 V6 3.8 gas. Taurus LX 1992 V6 3.8 gas. Taurus LX 1993 V6 3.8 gas. Taurus LX 1994 V6 3.8 gas. Taurus LX 1995 V6 3.8 gas. Taurus SE 1995 V6 3.8 gas. Tempo GL 1991 L4 2.3 gas. Tempo GLS 1991 L4 2.3 gas. Tempo L 1991 L4 2.3 gas. Tempo LX 1991 L4 2.3 gas. Thunderbird LX 1989 V6 3.8 gas. Thunderbird LX 1990 V6 3.8 gas. Thunderbird LX 1991 V6 3.8 gas. Thunderbird LX 1992 V6 3.8 gas. Thunderbird LX 1993 V6 3.8 gas. Thunderbird LX 1994 V6 3.8 gas. Thunderbird LX 1995 V6 3.8 gas. Thunderbird LX 1996 V6 3.8 gas. Thunderbird SC 1989 V6 3.8 gas. Thunderbird SC 1990 V6 3.8 gas. Thunderbird SC 1991 V6 3.8 gas. Thunderbird SC 1992 V6 3.8 gas. Thunderbird SC 1993 V6 3.8 gas. Thunderbird SC 1994 V6 3.8 gas. Thunderbird SC 1995 V6 3.8 gas. F150.

Lincoln: Continental Executive 1991 V6 3.8 gas. Continental Executive 1992 V6 3.8 gas. Continental Executive 1993 V6 3.8 gas. Continental Executive 1994 V6 3.8 gas. Continental Signature 1989 V6 3.8 gas. Continental Signature 1990 V6 3.8 gas. Continental Signature 1991 V6 3.8 gas. Continental Signature 1992 V6 3.8 gas. Continental Signature 1993 V6 3.8 gas. Continental Signature 1994 V6 3.8 gas.

Mercury: Cougar LS 1989 V6 3.8 gas. Cougar LS 1990 V6 3.8 gas. Cougar LS 1991 V6 3.8 gas. Cougar LS 1992 V6 3.8 gas. Cougar XR-7 1989 V6 3.8 gas. Cougar XR-7 1990 V6 3.8 gas. Cougar XR-7 1993 V6 3.8 gas. Cougar XR-7 1994 V6 3.8 gas. Cougar XR-7 1995 V6 3.8 gas.

Valmet: Trator/Tractor.

1225



T9 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: F0FZ11350A - SD340

MOTOR

Ford: F0CF11000AA - F0CU11000AA - SA779

APLICAÇÃO / APLICACIÓN / APPLICATION

1226



T12 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: F2VY11350A - SD341

MOTOR

Ford: F2VY11002A - F3LU11000AA - F3LY11002A - SA789 - SA822

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Crown Victoria LX 1992 V8 4.6 gas. Crown Victoria LX 1993 V8 4.6 gas. Crown Victoria LX 1994 V8 4.6 gas. Crown Victoria LX 1995 V8 4.6 gas. Crown Victoria Police Interceptor 1993 V8 4.6 gas. Crown Victoria Police Interceptor 1994 V8 4.6 gas. Crown Victoria Police Interceptor 1995 V8 4.6 gas. Crown Victoria S 1992 V8 4.6 gas. Crown Victoria S 1993 V8 4.6 gas. Crown Victoria S 1994 V8 4.6 gas. Crown Victoria S 1995 V8 4.6 gas. Crown Victoria Touring Sedan 1992 V8 4.6 gas. Mustang Cobra 1996 V8 4.6 gas. Mustang Cobra 1997 V8 4.6 gas. Mustang GT 1996 V8 4.6 gas. Mustang GT 1997 V8 4.6 gas. Thunderbird LX 1994 V8 4.6 gas. Thunderbird LX 1995 V8 4.6 gas. Thunderbird LX 1996 V8 4.6 gas.

Lincoln: Mark VIII LSC 1995 V8 4.6 gas. Mark VIII LSC 1996 V8 4.6 gas. Town Car Cartier 1992 V8 4.6 gas. Town Car Cartier 1993 V8 4.6 gas. Town Car Cartier 1994 V8 4.6 gas. Town Car Cartier 1995 V8 4.6 gas. Town Car Executive 1992 V8 4.6 gas. Town Car Executive 1993 V8 4.6 gas. Town Car Executive 1994 V8 4.6 gas. Town Car Executive 1995 V8 4.6 gas. Town Car Jack Nicklaus 1993 V8 4.6 gas. Town Car Signature 1992 V8 4.6 gas. Town Car Signature 1993 V8 4.6 gas. Town Car Signature 1994 V8 4.6 gas. Town Car Signature 1995 V8 4.6 gas. Town Car Spinmaker Edition 1995 V8 4.6 gas. Town Car Tournament Edition 1994 V8 4.6 gas.

Mercury: Cougar XR-7 1994 V8 4.6 gas. Cougar XR-7 1995 V8 4.6 gas. Cougar XR-7 1996 V8 4.6 gas.

1227**ORIGINAL**

Fiat: 9941300
Magneti-Marelli: 74893901 - 85540381

MOTOR

Magneti-Marelli: 63101003 - 63221800 - 63221890 - 63221892

APLICAÇÃO / APLICACIÓN / APPLICATION

Autobianchi: Y10 Fire, Y10 AWD.
Fiat: Panda 750. Tipo 1.1 Fire. Uno 45 Fire.
Lancia

1228**ORIGINAL**

Ford: F3RZ11350A - F5RU11350RA
Lester: 3261 - 3262 - 3263

MOTOR

Ford: F3RZ11002B - XS6U11000AC

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escape ano 2001 à 2004 c/ motores 4 cilindros. Escort TD. Mondeo 1.6, 1.8, 2.0, 4x4.

1302**ORIGINAL**

Bendix: 293187 - 324840
Italacciai: SD319
Lester: 16398
Paris-Rhone: 56380 - 56380E - 70752
Valeo: NE154

MOTOR

Italacciai: D8E045
Paris-Rhone: D8E111 - D8E45 - D8E52 - D8E54 - D8E70 - D8E74 - D8E86

APLICAÇÃO / APLICACIÓN / APPLICATION

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

1333**ORIGINAL**

Fiat: 9940577
Magneti-Marelli: 74896531 - 85540081

MOTOR

Magneti-Marelli: 63221830 - 63221832

APLICAÇÃO / APLICACIÓN / APPLICATION

Seat: Ibiza. Malaga. Ronda.

1351



T10 | SPL3 | CW
Fam. 20

ORIGINAL

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

1359



T10 | SPL6 | CW
Fam. 20

ORIGINAL

Bosch: 9001453333 - 9001453334 - 9001453338
General Motors: 07328970
Volkswagen: BC4N11350A - 04128642
Wapsa: 224004 - 224038 - 224043 2244 - 2244036

MOTOR

Bosch: 9000453001 - 9000453004 - 9000453005 - 9000453006 - 9000453009 - 9000453011 - 9000453014 - 9000453015 - 9000453016 - 9000453017 - 9000453019 - 9000453028 - 9000453032 - 9000453034 - 9000453038 - 9000453041 - 9000453042 - 9000453043 - 9000453046 - 9000453047 - 9000453049 - 9000453050 - 9000453051 - 9000453052 - 9000453054 - 9000453059 - 9000453061
Wapsa: MALMF2 - MALP2 - MALTf1 - MALTf2 - MPB1 - MPB11 - MPB17 - MPB18 - MPB2 - MPB23 - MPB31 - MPB33 - MPB49 - MPB50 - MPB59 - MPB60 - MPB63 - MPB70 - MPC69 - MPF8 - MPJ1074 - MPMF3 - MPN2

APLICAÇÃO/APLICACIÓN/APPLICATION

Case: Pá Carregadeira W7 c/ motor Perkins 6 cil. e partida Wapsa. Retroescavadeira 580, 580E, 580CK c/ motor Perkins 4 cil. e 580H c/ partida Wapsa.
CBT: Trator 1000, 1090, 1100 c/ motor Perkins 4 e 6 cil. Trator 8240 a álcool c/ motor Perkins 4236.
Chrysler: Caminhão Dodge D400 4 cil. c/ motor Perkins e partida Wapsa.
Clark: Empilhadeira C-300, HY40, 50, 60, C-500 Y110,135,155. Motor PK4236 - Pick-up militar. Pá Carregadeira Michigan 75A, 75II, 75III c/ partida Wapsa.
Ford: F11000 c/ motor Perkins 6 cil. F12000 c/ motor Perkins 6 cil. F13000 c/ motor Perkins 6 cil. F2000 c/ motor diesel Ford 4 cil. F4000 c/ motor diesel Ford 4 cil. Trator 4600, 5600 e 6600 4 cil.
General Motors: Caminhão c/ partida Wapsa c/ motor Perkins 6 cil. Pick-up diesel c/ motor Perkins 4 cil. e partida Wapsa.
Massey Ferguson: Colheitadeira/Combine/Cosechadora MF220 c/ partida Wapsa. Trator MF235, MF250, MF275, MF285, MF290, MF296, MF3366, MF400, MF50X, MF55X, MF65R, MF65X, MF85X, MF95I. Trator MF95X c/ partida Wapsa de 11/71 a 08/77. MF290 RA c/ motor Perkins 4236 diesel.
Perkins: Motor 4 e 6 cil. (GM, Ford, Dodge, CBT, Case c/ partida Wapsa).
Volkswagen: Caminhão 6.80 c/ motor Perkins.

1361



T9 | SPL5 | CW
Fam. 20

ORIGINAL

Bosch: 9001453336
Volkswagen: BDST11350A - T11911335A
Wapsa: 224026

MOTOR

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

APLICAÇÃO/APLICACIÓN/APPLICATION

Agrale: Caminhão TX1600 c/ motor MWM.
Chrysler: Caminhão Dodge D750, D950, D14000 c/ motor MWM 6 cil. e partida Wapsa.
Ford: Caminhão F1000, F11000, F2000, F400, F4000, F7000 c/ motor MWM 4 e 6 cil.
MWM: Motor D229-3, D229-4, D229-6 c/ partida Wapsa.
Valmet: Trator c/ motor MWM 3, 4 e 6 cil. e partida Wapsa.
Volkswagen: Caminhão VW11130, VW13130 c/ partida Wapsa.

1364T9 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 2006209421 - 2006209436 - 2006209446 - 9001083406 - 9001083436 - 9002453073**Fiat:** 79028900 - 79028909 - 8122129 - 9008243 - 9926112 - 9957919**Italacciai:** SD124**Mercedes Benz:** 0001517013**Volkswagen:** 04053926**MOTOR**

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

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrole: Caminhão TX1600 D, 1800 D, 1600 D. **Carraro:** Tigrone 625. **Case:** Escavadeira Hidráulica 80CP, 80CR. Pá Carregadeira W18, W20, W20B, todos c/ partida JF. Trator W18, W20 (MBB-OM 352), W20B (MBB-OM 352A). **CBT:** Trator 1065 (MBB-OM 314), 1105 (MBB-OM 352). Trator 2080 (MBB-OM 314). Trator 2105 (MBB-OM 352). Trator 2600, 8440, Oliver 1020, 1065, 950, todos c/ partida JF a partir de 10/76. Trator 8060 4x4 (MBB-OM 352). **Chrysler:** Caminhão Dodge D950, P700, P900 c/ motor MWM e partida Bosch JF. **Claas:** Dominator 80, 85, Mercator 50, 60, 70. **Clark:** Pá Carregadeira Michigan 55C, 45C, 55A, 65R, 75III. **Fiat Allis:** 1300, 1300DT, 1900B, FR10, FR12. Escavadeira Hidráulica FE105. Motoniveladora FG70, FG85. **Ford:** Cargo C1215, C1216, C1217, C1415, C1416, C1417, C1421, C1617, C1621, C814, C815, F4000. **Hanomag:** R70, 100. **Komatsu:** Trator de Esteiras D30E, D50A, D50P. **Massey Ferguson:** MF33B, W450B, 450B, 450C. **Mercedes Benz:** Caminhão/Ônibus 1214, 1218, 1414, 1418, 1614, 1618, 1621, 2215, 2216, L610(OM 352), 1113, 1313, 1316, 1513, 1516, 2013, 2016, 2213, 2216, L608D, L709D, L1319, LP1219, LP1419. Chassi p/ Ônibus OF/OH 1113, 1115, 1313, 1315, 1316, O364, O371U Ônibus c/ motor M366G. Ônibus L0812, O364, O365, O366, O371U. **MWM:** Motor D225-6, D229-4, D229-6, TD229-6, todos a partir de 08/77. **New Holland:** Colheitadeira/Combine/Cosechadora FNH 8040 (MBB-OM352), FNH 8055 (MBB-OM352A). **Poclair:** FC30, LC80, LY80, MCL84. **Same:** Ariete (4801 Engine), Drago 100. **Steyr Puch:** 586, 590, 690, 1000, 1200, 980A, 1100, 1200. **Toyota:** Utilitário Bandeirante (MBB-OM 314) a partir de 10/76. **Valmet:** Trator 78, 85ID, 88, 110ID, 118, 128, 138, 138/4 Turbo, 148, 880, 980, todos a partir de 08/77. **Volkswagen:** Caminhão VW11.130, VW13.130, VW6.90, VW7.110S, VW7.90S. Chassi VW7.90S, VW7.90CE, VW7.90CO, todos c/ partida Bosch JF.

1372T10 | SPL10 | CW
Fam. 14**ORIGINAL****Bosch:** 9002453078 - 9002453079**MOTOR****Bosch:** 9000083077**APLICAÇÃO / APLICACIÓN / APPLICATION****Elmot:** Tractors.**Ford:** Cargo 1618. F1000 e F4000 c/ motor MWM e partida Bosch JF após 98.**MWM:** Motor 4.10T, 6.10T c/ partida JF.**Volkswagen:** Caminhão c/ motor MWM X10. Volks Bus c/ motor MWM e partida JF.**1451**T9 | SPL10 | CCW
Fam. 94**ORIGINAL****Bosch:** 1006209650**MOTOR****Bosch:** 0001109029**APLICAÇÃO / APLICACIÓN / APPLICATION****Hatz****Lombardini****Ruggerini:** RD180, 181, 200. RF80, 81, 88, 90, 91, 96, 99, 120, 121, 130, 140, 148.

1452



T10 | SPL6 | CCW
Fam. 108

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1453



Fam. 108

ORIGINAL

MOTOR

United Technologies: 10153340 - 10153440 - 6743040 - 6767540 - 6873740 - 7005840

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercury Marine: 25 HP Engines. 30, 60 HP 4-Stroke. 9.9, 15HP 4-Stroke 99.

1454



T9 | SPL6 | CCW
Fam. 108

ORIGINAL

MOTOR

Mercury Marine: 50834749 - 50859171T
United Technologies: 10153540 - 6743240

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercury Marine: 50 HP 4-Stroke.

1455



T10 | SPL6 | CCW
Fam. 108

ORIGINAL

Johnson Electric: 10394020

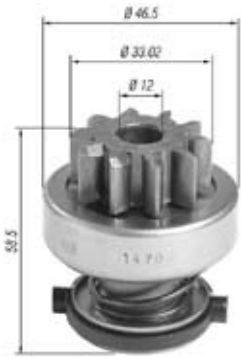
MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Marine Electric: Jet Ski.

1458T11 | SPL10 | CW
Fam. 85**ORIGINAL****Valeo:** 059427 - 059527 - 187528 - 594279**MOTOR****Valeo:** D7R19 - D7R28**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz:** Class C, E, M, S, V, CLK. Sprinter. Vito Engine D, TD.**1467**T8 | SPL10 | CW
Fam. 106**ORIGINAL****Bosch:** F000AL2000 - 1006209614**MOTOR****Bosch:** 6004AA0017**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun:** Sentra 94. Tsuru.**1468**T9 | SPL16 | CCW
Fam. 101**ORIGINAL****Bosch:** F000AL1901**MOTOR****Bosch:** F000AL0402**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** Fox, Golf, Polo, Gol G 5.**1469**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F000AL1209 - F000AL1688**MOTOR****Bosch:** F000AL0101 - F000AL0104**APLICAÇÃO / APLICACIÓN / APPLICATION****Mercedes Benz:** Classe A, A190 a partir de 06/1999.

1470



T10 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: F000AL1024 - 9008047011

MOTOR

Bosch: 6004AA3009

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge RAM.

1471



T9 | SPL10 | CW
Fam. 100

ORIGINAL

Bosch: F000AL1067 - F000AL1096 - F000AL1696

MOTOR

Bosch: F000AL0302

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: Classe A, A100 a partir de 05/1999. Classe A - A160.

1472



T11 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0061

MOTOR

Bosch: 0001223002

APLICAÇÃO / APLICACIÓN / APPLICATION

KHD: Motors Engines BF4L1011 (2.7L, 2732cc) 2003. Motors Engines F2L1011 (1.4, 1366cc) 2004.

1473



Fam. 120

ORIGINAL

MOTOR

Nippondenso: 015861N - 112309T26 - 1383240

APLICAÇÃO / APLICACIÓN / APPLICATION

Hyster: Lift TK 4.3L. XL80.

1474T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209605 - 1006209606 - 1006209928**MOTOR****Bosch:** 0001108137 - 0001108144 - 0001108156 - 0001109040 - 0001110090 - 0001110120**APLICAÇÃO / APLICACIÓN / APPLICATION****Land Rover:** Defender 110 3.9L - 3947cc 1993. Defender 90 3.9L - 3947cc 1994-1995. Discovery 3.9L - 3947cc 1994-1995. Range Rover 4.0L - 3950cc 1995. Range Rover 4.2L - 4275cc 1993-1994. Range Rover 4.2L - 4275cc 1995.**1475**T9 | SPL9 | CW
Fam. 99**ORIGINAL****Lucas:** TMB173**Lucas Indiel:** 54291022**Magneti-Marelli:** 85541381**MOTOR****Lucas Indiel:** 2680B - 2680D**Magneti-Marelli:** 63226801**APLICAÇÃO / APLICACIÓN / APPLICATION****Land Rover:** Defender 110 3.9L - 3947cc 1993. Defender 90 3.9L - 3947cc 1994-1995. Range Rover 3.5L 3532cc 1987-1988. Range Rover 3.9L 3947cc 1989-1995.**1477**T9 | SPL10 | CW
Fam. 13**ORIGINAL****Fiat:** 9946913**Magneti-Marelli:** 85540681**MOTOR****Magneti-Marelli:** 63220035 - 6322224**APLICAÇÃO / APLICACIÓN / APPLICATION****BMW**
Lancia
Opel**1478**T8 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 6004AH5018**Lucas Indiel:** 220434**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Breeze 2.0L (122) L4 1996-1997. Neon 2.0L (122) L4 1996-1997. Neon 2.0L (122) L4 2000-2002. Neon 2.0L (122) L4 2000-2002 Plymouth. Stratus 2.0L (122) L4 1996-1997 Plymouth.

1480



T9 | SPL16 | CW
Fam. 79

ORIGINAL

Volkswagen: 1006209655 - 1006209760

MOTOR

Bosch: 0001125501 - 0001125502 - 0001125503 - 0001125504 - 0001125511
Volkswagen: 069911023E

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: VW LT28 SDI, LT35 SDI, LT46 SDI.

1482



T9 | SPL6 | CW
Fam. 34

ORIGINAL

Remy: 10500475

MOTOR

Ford: 5N1511000AA - 5N1511000AB
Remy: 8000071

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Focus e EcoSport 2.0l - 16V.
TCM Equipment Ag: EcoSport.

1483



T9 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6003AD1062
KHD: 1340070

MOTOR

Bosch: 0001223016 - 0001223021

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat Iveco: Iveco BF4L1011 (2.71L, 2732cc) 1996. Iveco BF4L1011 (2.71L, 2732cc) 1997. Iveco BF4L1011 (2.71L, 2732cc) 1998. Iveco BF4L1011 (2.71L, 2732cc) 1999. Iveco BF4L1011 (2.71L, 2732cc) 2000. Iveco BF4L1011 (2.71L, 2732cc) 2001. Iveco BF4L1011 (2.7L, 2732cc) 1995. Iveco BF4L1011 (2.7L, 2732cc) 2000. Iveco BF4L1011 (2.7L, 2732cc) 2001. Iveco F2L1011 (1.4L, 1366cc) 1996. Iveco F2L1011 (1.4L, 1366cc) 1997. Iveco F2L1011 (1.4L, 1366cc) 1998. Iveco F2L1011 (1.4L, 1366cc) 1999. Iveco F2L1011 (1.4L, 1366cc) 2000. Iveco F2L1011 (1.4L, 1366cc) 2001. Iveco F2L1011 (1.4L, 1366cc) 2002. Iveco F3L1011 (2.0L, 2049cc) 1996. Iveco F3L1011 (2.0L, 2049cc) 1997. Iveco F3L1011 (2.0L, 2049cc) 1998. Iveco F3L1011 (2.0L, 2049cc) 1999. Iveco F3L1011 (2.0L, 2049cc) 2000. Iveco F3L1011 (2.0L, 2049cc) 2001. Iveco F3L1011 (2.0L, 2049cc) 2002. Iveco F4L1011 (2.7L, 2732cc) 1996. Iveco F4L1011 (2.7L, 2732cc) 1997. Iveco F4L1011 (2.7L, 2732cc) 1998. Iveco F4L1011 (2.7L, 2732cc) 1999.

1484



T9 | SPL6 | CW
Fam. 47

ORIGINAL

Magneti-Marelli: 85541080

MOTOR

Magneti-Marelli: 63223039 - 63293029 - 63293039

APLICAÇÃO / APLICACIÓN / APPLICATION

Seat: Arosa 1.0, 1.4L. Córdoba 1.0, 1.4L. Ibiza II 1.0, 1.4L.
Volkswagen: Lupo 1.0, 1.4L. Polo 1.0, 1.4L.

1485T10 | SPL16 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209661
Mercedes Benz: 0011512113

MOTOR

Bosch: 0001108197 - 0001108222 - 0001108223 - 0001115005 - 0001115009 - 0001115049 - 0001115050

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Crossfire 3.2L, 3199cc 2004-2005.
Mercedes Benz: C240 2.6L, 2597cc 2001-2004. C32 3.2L, 3199cc 2002-2004. C320 3.2L, 3199cc 2001-2004. CLK320 3.2L, 3199cc 2001-2004. E320 3.2L, 3199cc 2001-2004. ML320 3.2L, 3199cc 2001-2003. ML350 3.7L, 3724cc 2003-2004. C32 3.2L, 3199cc 2002-2004. C320 3.2L, 3199cc 2001-2004. CLK320 3.2L, 3199cc 2001-2004. E320 3.2L, 3199cc 2001-2004. ML320 3.2L, 3199cc 2001-2003. ML350 3.7L, 3724cc 2003-2004. SLK32 3.2L, 3199cc 2002-2004. SLK320 3.2L, 3199cc 2001-2003.

1486T9 | SPL10 | CW
Fam. 84**ORIGINAL**

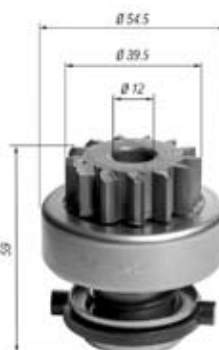
Bosch: D001965593 - 1006209592 - 1006209941

MOTOR

Bosch: 0001107085 - 0001110071 - 0001110072

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: Séries 5, 7, 8, XS.

1487T13 | SPL10 | CW
Fam. 100**ORIGINAL**

Bosch: 1006209622

MOTOR

Bosch: 0001110110

APLICAÇÃO / APLICACIÓN / APPLICATION

BMW: 318 TDS.

1496T9 | SPL12 | CCW
Fam. 47**ORIGINAL**

Magneti-Marelli: 85541100

MOTOR

Magneti-Marelli: 63220104 - 63223103

APLICAÇÃO / APLICACIÓN / APPLICATION

Land Rover: 100, 200, 25, 400, 45, Cabriolet, Coupe.

1501



T9 | SPL12 | CW
Fam. 39

ORIGINAL

Lucas: 26253076

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Matador

1502



T11 | SPL12 | CW
Fam. 40

ORIGINAL

Lucas: 26253081

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Escort Tractor

1503



T8 | SPL12 | CCW
Fam. 47

ORIGINAL

Lucas: 26258003

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Mahindra: Champion.
MUL: 800CC MPFI.

1504



T9 | SPL12 | CW
Fam. 47

ORIGINAL

Lucas: 26256545

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Tata: Indica diesel.

1505



T9 | SPL10 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1506



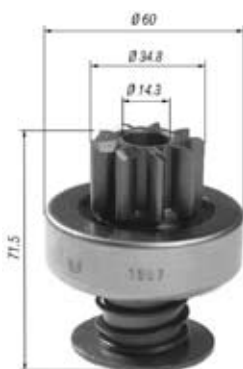
T10 | SPL 10 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1507



T9 | SPL10 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1508



T9 | SPL12 | CW
Fam. 39

ORIGINAL

Lucas: 26253074

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Peugeot: Jeep.

1509



T8 | SPL12 | CW
Fam. 47

ORIGINAL

Lucas: 26256287

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Alto: VXI.
Esttem: MPF.
Santro
Vagan

1510



T9 | SPL12 | CW
Fam. 39

ORIGINAL

Lucas: 26253341

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

CNG: Buses.

1513



T8 | SPL12 | CW
Fam. 47

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1515



T10 | SPL12 | CW
Fam. 39

ORIGINAL

Lucas: 26253078

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

AMB
Eicher
Ford
Inter

1518



T9 | SPL12 | CW
Fam. 33

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1520



T8 | SPL12 | CCW
Fam. 47

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1521



T11 | SPL19 | CW
Fam. 51

ORIGINAL

Remy: 10500277 - 10500283

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1523



T12 | SPL6 | CW
Fam. 46

ORIGINAL

MOTOR

Prestolite: 35259460

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Ford Cargo 1217, 1417, 1421 Cummins.
Volkswagen: Caminhão c/ partida Indiel. Caminhões c/ partida Prestolite. Titan. Trucks.

1526



T11 | SPL12 | CCW
Fam. 33

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1527



T9 | SPL10 | CW
Fam. 15

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Tata: D1015 TC, LPT1510, LPT1613 48 CM VR 2000, LPT1613 52, LPT1613 CM VR 2000, LPT1613 TC, LPT1613 TC 48, LPT1615 TC, SA 1212 TC, SAK 1212 TC, SE 1615 TC, TATA 713.

1528



T10 | SPL10 | CW
Fam. 15

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1529



T8 | SPL12 | CCW
Fam. 50

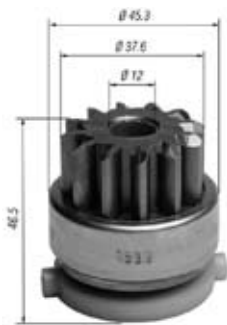
ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1530T8 | SPL12 | CCW
Fam. 47**ORIGINAL****Lucas:** 26253685**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Suzuki:** Maruti- 800 Car/Van Atul Shakti 3 Wh. Anti- Clockwise 8.**1533**T9 | SPL10 | CW
Fam. 89**ORIGINAL****Valeo:** 110427 - 494833**MOTOR****Ford:** 6S6519000AA**Valeo:** D7E33 - D7E45**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Courier. EcoSport. Fiesta. Focus. Ka.**1534**T9 | SPL10 | CCW
Fam. 109**ORIGINAL****Cargo:** 236896**Valeo:** 494831**MOTOR****Valeo:** D7E56**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** Fox. Golf 1.6. Polo. Lupo. Golf 1.6. Gol, Saveiro. Parati, G4 e G5 partida Valeo.**1538**T10 | SPL8 | CW
Fam. 110**ORIGINAL****Mitsubishi:** 19071**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Chrysler:** Jeep Liberty 2.4L e 3.7L, a partir de 2001.**Mitsubishi:** Mitsubishi - M1T86781ZC - 2.4L (2002).Mitsubishi - M1T86883ZC - 3.7L (2002).Mitsubishi - M1T86782ZC - 2.4L (2003)
Mitsubishi - M1T86884ZC - 3.7L (2003).Mitsubishi - M0T91981ZC - 2.4L (2004/05). Mitsubishi - M0T92081ZC - 3.7L (2004).

1539



T12 | SPL12 | CW
Fam. 115

ORIGINAL

Ford: YC1U11000AB

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Ford Transit 2.4. Mondeo.

1540



T10 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL1938 - F000AL1938-741

MOTOR

Bosch: F005M00016

APLICAÇÃO / APLICACIÓN / APPLICATION

1545



T8 | SPL10 | CW
Fam. 74

ORIGINAL

Bosch: 1006209794

MOTOR

Bosch: 0001107415 - 0001107431 - 0001107432 - 6004AA0003 - 6004AA0008 - 6004AA0027

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Dodge Neon.

1547



T11 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL1432 - F000AL1690

MOTOR

Bosch: F000AL0106
Toyota: 248100D100 - 281000D100

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Novo Corolla 1.8i 16V a partir de 02/1999.

1548T9 | - | CW
Fam. 125**ORIGINAL****MOTOR**

AES New: 17847N - 17847NOE **AIM:** SH-0093R
Amsco: VS-17847 **Arrowhead:** SMU0404
Beck Arnley: 187-0804 **Bosch Reman:** SR1319X
Boston Auto: 3191-181 **Cargo:** 113617 **Dixie:** S-80011
Honda: 31200-PLM-A51 **Mitsuba:** SM442-32-36
Nastra: S17847 **NSA:** STR-3622 **Romaine:** 41-17847
W.A.I.: 2-2332-MT **Whatcom:** 22958 **Worldwide:** 17754

APLICAÇÃO / APLICACIÓN / APPLICATION

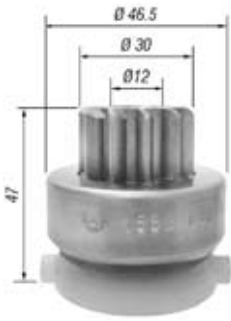
Acura: EL 1.7L 2001-2005.
Honda: Civic 1.7L 2001-2005.

1550T9 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 6033AD0070**MOTOR****Bosch:** 6033AD0J00 - 6033AD1J00**APLICAÇÃO / APLICACIÓN / APPLICATION**

Agrale: Volare.
Troller: T4.

1551T8 | SPL16 | CCW
Fam. 133**ORIGINAL****Bosch:** F002620036 MICO**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****APE:** Piaggio.**1552**T9 | SPL12 | CW
Fam. 115**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

1553



T11 | SPL12 | CW
Fam. 115

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1555



T13 | - | CCW
Fam. 124

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1556



T11 | SPL10 | CW
Fam. 117

ORIGINAL

Hitachi: 211425554

MOTOR

Hitachi: S114808 - S114814A - S114815 - S114817A - S114883 - S114884

APLICAÇÃO / APLICACIÓN / APPLICATION

Opel: Opel Astra F 1.7 TD 01/1995 - 01/1998. Opel Vectra B 1.7 TD 09/1995. Opel Corsa.

1557



T13 | SPL10 | CW
Fam. 117

ORIGINAL

Hitachi: S114829

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Opel: Astra G1.7L TD 1998.

1561T9 | SPL10 | CW
Fam. 47**ORIGINAL**

Lucas Indiel: 220441
Magneti-Marelli: 9948333

MOTOR

Magneti-Marelli: 63111016

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Brava 1.6 16V. Marea. Palio Weekend 1.6 16V. Palio 1.6 16V. Siena 1.6 16V. Strada 1.6 16V.

1562T9 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: F000AL1281 - 1006209821

MOTOR

Bosch: F000AL0111

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: Hilux 2.5/2.8 2006...

1563T20 | SPL5 | CW
Fam. 128**ORIGINAL**

Mitsuba: M191X68785
Mitsubishi: M191T68771

MOTOR

Mitsubishi: M008T75073 - M8T75071 - M8T75071A - M8T75073 - M8T75073A - ME201650 - ME202424 - ME202970 - ME204424
ME204425

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: A170 CDI 07/1998 01/2001.
Mitsubishi: L200, Nativa, Pajero, Pajero 2.8 ano 1997.

1566T10 | - | CW
Fam. 124**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION**

Harley-Davidson: MY91 - 06 BT except MY06 Dyna.

1567



T12 | SPL8 | CW
Fam. 112

ORIGINAL

Mitsubishi: M191X68471 - MD619204

MOTOR

Mitsubishi: M2T87371 - M2T87971 - M2T88071 - M2T88271

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: L200 2.5 4WD; D. L300. Pajero 2.5 TD. Space Gear 2.5.

1570



T9 | SPL12 | CW
Fam. 115

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1573



T12 | SPL19 | CW
Fam. 51

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1574



T11 | SPL12 | CW
Fam. 29

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Renault: Logan, Sandero.

1575

T10 | SPL12 | CW
Fam. 115

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1576

T10 | SPL16 | CW
Fam. 74

ORIGINAL

Bosch: 1006209812
Lucas Indiel: 220443

MOTOR

Bosch: 0001108400

APLICAÇÃO / APLICACIÓN / APPLICATION

Citroën: Berlingo 1.9 D, 2.0 HDI.
Peugeot: 206 1.9 D, 2.0 HDI. 307 2.0 HDI Partner. Ranch 1.9 D, 2.0 HDI.

1577

T19 | - | CW
Fam. 134

ORIGINAL

Cargo: 231269

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Hyundai: H100. Migthy Truck 2.5 ton.

1585

T11 | SPL6 | CW
Fam. 115

ORIGINAL

Ford: 1L5T11000AA

MOTOR

Ford: 3S4T11000AB - 3S4T11000AC - 3S4Z11002AB
Motorcraft: 6S4Z11002AA

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Escape 2.3L (140) L4 2005-2006. Focus 2.3L (140) L4 2003-2006. Ranger 2.3L (140) L4 2001-2006.
Jaguar: S-Type 3.0L 2000-2004.
Lincoln: LS 3.0L (182) V6 2000-2004.
Mazda: B séries Pick-ups 2.3L 2001-2006. Tribute 2.3L 2005-2006.
Mercury: Mariner 2.3L (140) L4 2005-2006.

1588



ORIGINAL

Iskra: 16900068

MOTOR

Iskra: 11130034 - 11130155 - 11130292 - AZE0303 - AZE3504 - AZE3519

APLICAÇÃO/APLICACIÓN/APPLICATION

Renault: R4, R5, R6.

1592



ORIGINAL

Mitsubishi: M191T12971

MOTOR

Mitsubishi: M1T60081 - M1T60181 - M1T60581

APLICAÇÃO/APLICACIÓN/APPLICATION

Nissan-Datsun: Lift Trucks AEH Z24 Engine. Lift Trucks AH A15 Engine. Lift Trucks AH H20 Engine. Lift Trucks APH A15 Engine. Lift Trucks ASH A15 Engine. Lift Trucks CEGH Z24 Engine. Lift Trucks CEH Z24 Engine. Lift Trucks CPH A15 Engine. Lift Trucks CPH H20 Engine. Lift Trucks CPH Z24 Engine. Lift Trucks CRGH H20 Engine. Lift Trucks CRGH Z24 Engine. Lift Trucks EGH H20 Engine. Lift Trucks EH A15 Engine. Lift Trucks EH H20 Engine. Lift Trucks H01 A15 gas Engine. Lift Trucks H01 H20 gas. Lift Trucks H02 H20 gas. Lift Trucks H02 Z24 LPG Engine. Lift Trucks KAH A15 Engine. Lift Trucks KAH H20 Engine. Lift Trucks KAP H20 Engine. Lift Trucks KAP H25 Engine. Lift Trucks KCEH H20 Engine. Lift Trucks KCEH H25 Engine. Lift Trucks KCH02 H20 gas Engine. Lift Trucks KCH02 H25 gas Engine. Lift Trucks KCPH A15 Engine. Lift Trucks KCPH H20 Engine. Lift Trucks KCUGH H20 Engine. Lift Trucks KCUGH H25 Engine. Lift Trucks KEGH H20 Engine. Lift Trucks KEGH H25 Engine. Lift Trucks KEH H20 Engine. Lift Trucks KEH H25 Engine. Lift Trucks KH01 A15 gas Engine. Lift Trucks KH01 H20 gas Engine. Lift Trucks KH02 H20 gas Engine. Lift Trucks KH02 H25 gas Engine. Lift Trucks KPH A15 Engine. Lift Trucks KPH H20 Engine. Lift Trucks KUGH H20 Engine. Lift Trucks KUGH H25 Engine. Lift Trucks PH01 A15 Engine. Lift Trucks PH02 A15 Engine. Lift Trucks RGH02 A15 Engine. Lift Trucks UF03 H30 Engine. Lift Trucks UGF03 H30 Engine. Lift Trucks UGF03 H30 Engine. Lift Trucks various models H30 Engine. Lift Trucks various models Z24 Engine. Lift Trucks YF03 H30 Engine. Lift Trucks YGF03 H30 Engine. **TCM Equipment Ag:** Lift Trucks FHG20N H25 Engine. Lift Trucks FHG20N Z24 Engine. Lift Trucks FHG25N H25 Engine. Lift Trucks FHG25N Z24 Engine. Lift Trucks FHG30N H25 Engine. Lift Trucks FHG30N Z24 Engine.

1594



ORIGINAL

André Niermann: 01364402

Bosch: 0001364400 - 0001364402 - 0001368313 - 0001368318

Boston Auto: 31206059D - 31206194 - 31206194A

Cargo: 111636

Case: 112055

DAF: 126246 - 1276165 - 1287890 - 289183

Delco Reman: DRS1170 - DRS3293 - DRS7090

HC Parts: CS1129 - CS387

MOTOR

APLICAÇÃO/APLICACIÓN/APPLICATION

1595



ORIGINAL

Lucas Indiel: 35260832

MOTOR

Lucas Indiel: 35259260 - 35259520 - 35259830 - 35259840 - 35260830 - 35260840

APLICAÇÃO/APLICACIÓN/APPLICATION

Caterpillar: Blue Bird USA Cat 3126 7.2

International: Navistar DT 444E - V8 7.3

John Deere (SLC): Colheiteadeira/Combine/Cosechadora 1550/608 1H 6Cil. Trator/Tractor 4045 4cil. 4.5 Gradall 7820/608 1H 6Cil.

1596T9 | SPL10 | CW
Fam. 46**ORIGINAL****Lucas Indiel:** 229938 - 35259938 - 35261299**MOTOR****Lucas Indiel:** 35259680 - 35259750 - 35261355 - 35261425**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Tratores 5075 e 5075.4 c/ motor BX 150.**Ford:** Pick-up F100, F1000, F14000, F150, F250, F3500, F4000, F7000 c/ motor MWM série X - 10 e 229.**New Holland:** Línea TL Exitus: TL65, 75, 85 / 95E MWM.**1597**T10 | SPL16 | CW
Fam. 74**ORIGINAL****Bosch:** 1006209804**Ford:** 256U11000CA**Lucas Indiel:** 220445**MOTOR****Bosch:** 0001107407 - 0001107410 - 0001107417 - 0001107418**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Fiesta 1.2, 1.4, 1.6 16V. Focus 1.4, 1.6 16V.**1600**T10 | SPL10 | CW
Fam. 27**ORIGINAL****Iskra:** 16902733 - 16904847**MOTOR****Iskra:** 11130692 - 11130710 - 11130897 - 11131249 - AZJ320 - AZJ3234 - AZJ3247 - AZJ3319 - AZJ3405**APLICAÇÃO / APLICACIÓN / APPLICATION****Valmet:** 8400 620DS Turbo. BF65, BF75, BM85 100, 110, 120 BL77, 88 700, 800, 900, BH140, 160, 180 12V. Valtra (Valmet) 255, 355 320D. Valtra (Valmet) 365S, 455, 656, 6100 320DS Turbo.**1601**T11 | - | CW
Fam. 124**ORIGINAL****MOTOR****Mando:** K71F18400**APLICAÇÃO / APLICACIÓN / APPLICATION****Kia:** Besta 2.5, 2.7.

1602



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 229916 - 35259916

MOTOR

Lucas Indiel: 35259310 - 35261175

APLICAÇÃO / APLICACIÓN / APPLICATION

Massey Ferguson: Colheitadeira/Combine/Cosechadora 3640, 5650.
Perkins: Trator/Tractor 3.152, 4.203, 4.236, 6.305, 6.354.

1603



T12 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 35261134 - 35261527

MOTOR

Lucas Indiel: 35261395 - 35261740 - 35261780 - 35262190 - 36261135

APLICAÇÃO / APLICACIÓN / APPLICATION

Cummins: C 6ct 8.3. C 6cta 8.3.
Volkswagen: VW Titan c/ motor Cummins C.
Zanello: Trator/Tractor 500, 540, 580, 690.

1604



T10 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 35260958

MOTOR

Lucas Indiel: 35259240 - 35262460 - 35261770 - 35262020

APLICAÇÃO / APLICACIÓN / APPLICATION

Volkswagen: Ônibus c/ motor Cummins 6B Eletrônico 5.9.
Zanello: Trator/Tractor 160 - PTRAC. Trator/Tractor 180 - PTRAC.

1605



T8 | SPL6 | CCW
Fam. 34

ORIGINAL

Remy: ESP - 281

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Kia: Pop Pride com arranque Remy Coréia.

1607**ORIGINAL****Valeo:** 0809042 - 3616042300**MOTOR****Valeo:** 3610042350 - 36100DSL42350 - D7R53 - DSL42350 - TM000A36101**APLICAÇÃO / APLICACIÓN / APPLICATION**

Hyundai: H100. HR.
Kia: Bongo ano 2008.
Mitsubishi: Katana. L200 diesel.
Renault: Master 2010...

1608**ORIGINAL**

General Motors: 97209548 - 97720446 - 97729079
Hitachi: S14100D - S14100E - S14101A - S14101B
Isuzu: 2902769300 - 8972095483 - 8973291631 - 8973828350
Lester: 17801 **W.A.I:** 54-8158-1

MOTOR**Hitachi:** OSGR 2.2KW 12V.**APLICAÇÃO / APLICACIÓN / APPLICATION****General Motors:** Kodiak. Sierra 6.6L (diesel). Silverado 2001 - 2006. Topkick Trucks 6.6L (diesel).**1612****ORIGINAL****Ford:** 32051112**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Ranger 1.8.**1614****ORIGINAL****Remy:** 10452918**MOTOR****Remy:** 9000869**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Pick-up Lobo V6

1615



T10 | SPL10 | CW
Fam. 35

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1616



T108 | SPL10 | CW
Fam. 15

ORIGINAL

Iskra: 16901694

MOTOR

Iskra: 11130509 - 11130520 - 11130526 - 11130579 - 11130624 - 11130627 - 11130629 - 11130631 - 11130632 - 11130659 - 11130711
11130785 - 11130835 - 11130872 - 11130875 - 11130890 - 11130998 - 11131018 - 11131635 - AZJ3144 - AZJ3148 - AZJ3151 - AZJ3182 - AZJ3198
AZJ3201 - AZJ3203 - AZJ3205 - AZJ3206 - AZJ3212 - AZJ3248 - AZJ3287 - AZJ3305 - AZJ3306 - AZJ3315 - AZJ3352 - AZJ3357 - AZJ3447

APLICAÇÃO / APLICACIÓN / APPLICATION

Bedford: TL 1000 330, TL 1260 330, TL 1630 330 Turbo (107 bhp), TL 860 330. **Case:** 1820, ACCO182, TX36. JCB: 420, 430 4CX Turbo-charged/Intercooled, 807C, 811, 812, 814, 817, 818, 820, Fastrac (635) 125, 145, JCB Fastrac (636) 125, 135, 155, JCB Fastrac (636) 185. **Landini:** 85 A4.248, 8560 F/L A4.248, 8880 A4.248, C 75 A4.236, C 95 T4.236, CF 85 A4.248, 10000S A6.354.4, 12500 A6.354.4, 13000 A6.354.4, 14500 AT6.354.4, 65 A4.236, 6560 F/L/V A4.236, 6860 A4.236, 6880 A4.236, 75 A4.236, 7560 F/L A4.236, 7860 A4.236, 7880 A4.236, 8860 A4.248, 9080 T4.236, 95 T4.236, 9880 T4.236, C 85 A4.248, CF 6830 A4.236, CF 75 A4.236. **Massey Ferguson:** MF 105, MF 1080 Perkins A4.318, MF 1085 A4.318, MF 11, MF 1104, MF 178 Perkins A4.248, MF 3060/3065, MF 394 S,F Perkins-A4.248, MF 50 10TD/9TD Perkins A4.236/A4.21,2, MF 102 Perkins-A6.372, MF 102 Perkins-AT6.354, MF 1080 S-4RM Perkins A4.318, MF 110 0 Perkins A6.354, MF 1114 Perkins A6.354, MF 1250 séries Perkins A6.354.4, MF 186, MF201/205, MF 206, MF 207, MF 30D, MF 307, MF 3070 Perkins AT4.236, MF 374 S,V,F Perkins-A4.236, MF 487, MF 50 10TD Perkins A4.236/A4.318, MF 50 10TD/9TD Perkins A4.236/A4.212, MF 50 9TD / EX Perkins A4.236, MF 506/510, MF 520/525Perkins A6.354, MF 592/595 Perkins A4.318, MF 6150 1004-4THR, MF 6160 1006-6, MF 620/625 Perkins A6.372, MF 675 9TD/10TD Perkins A4.236, MF 685, MF 690 9TD/10TD Perkins A4.248, MF 9500 Series Perkins A6.354, TX 45. **New Holland:** 2000, 2600, 3000, 3600. 2000,3000 158,175,201,256,401C.I.Com motor de arranque Iskra. Ford New Holland 514 E 256C.I. Ford New Holland 2610. Ford New Holland 2810. Ford New Holland 2910,3910 01.91. Ford New Holland 3230 BSD332. Ford New Holland 3310 01.91. Ford New Holland 3310X4 01.91. Ford New Holland 3430. Ford New Holland 3610. Ford New Holland 3900. Ford New Holland 3910,H. Ford New Holland 3930,H. Ford New Holland 4000,5000 158,175,201,256,401C.I 01.91. Ford New Holland 4100,4600 201,256,401C.I 01.91. Ford New Holland 4130,H. Ford New Holland 4610 01.91. Ford New Holland 4630. Ford New Holland 550,555. Ford New Holland 5600,6600 201,256,401C.I. 01.91. Ford New Holland 5610 01.91. Ford New Holland 5640 Powerstar 4.4. Ford New Holland 5700. Ford New Holland 5900. Ford New Holland 620 Combine 01.91. Ford New Holland 622 Combine 01.91. Ford New Holland 6410. Ford New Holland 654 County. Ford New Holland 655,A. Ford New Holland 6610 01.91. Ford New Holland 6710 01.91. Ford New Holland 6810. Ford New Holland 7000,8000 158,175,201,256,401C.I. 01.91. Ford New Holland 7410. Ford New Holland 754 County. Ford New Holland 7600,8600 201,256,401C.I. 01.91. Ford New Holland 7610,7710 01.91. Ford New Holland 764 County. Ford New Holland 7700,8700 201,256,401C.I. 01.91. Ford New Holland 774 County. Ford New Holland 7810. Ford New Holland 7910 01.91. Ford New Holland 8200. Ford New Holland 8210 01.91. Ford New Holland 8260 Powerstar 7.5. Ford New Holland 8401. Ford New Holland 8530. Ford New Holland 8630. Ford New Holland 8730. Ford New Holland 8830. Ford New Holland 9000. Ford New Holland 910,912 Speed Power 01.91. Ford New Holland 944 County. Ford New Holland 9600,6700 201,256,401C.I. 01.91. Ford New Holland 964 County. Ford New Holland 9700 201,256,401C.I. 01.91. Ford New Holland 974 County. Ford New Holland BSD442,444 01.91. Ford New Holland M série 7,5 09.95. Ford New Holland NH 95 M8Y 01.96. Ford New Holland P357,358 01.91. Ford New Holland séries 10 L/Cab 01.91. **Renault Agri:** 70-32 PA/PE/PS/PX Perkins-4.236, 701-4F Perkins-4.236, 80-32 PA/PE/PS/PX Perkins-4.248, 80-34 PA/PE/PS/PX Perkins-4.248, 70-12 SP Perkins-4.236, 70-14 SP Perkins-4.236, 70-34 PA/PE/PS/PX Perkins-4.236, 80-12 SP Perkins-4.248, 80-14 SP Perkins-4.248, Ceres 75 2X4/4X4 Perkins-4.236, Ceres 75X 2X4/4X4 Perkins-4.236.

1617



T11 | SPL9 | CW
Fam. 117

ORIGINAL

Lucas Indiel: 35261112

MOTOR

Lucas Indiel: 35261260 - 35261295 - 35261640

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Focus I4 automático/manual. Ranger Duratec HE 2.3.

1618

T10 | SPL10 | CW
Fam. 47

ORIGINAL**Valeo:** 191363**MOTOR****Valeo:** D7G11 - 8200225336**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Master 2005 Eletronic. DCi 120.**1619**

T9 | SPL16 | CW
Fam. 74

ORIGINAL**Bosch:** 1006209801 - 1006209807**MOTOR****Bosch:** 0001107401 - 0001107402 - 0001107403 - 0001107404 - 0001107405 - 0001107406 - 0001107408 - 0001107409**APLICAÇÃO / APLICACIÓN / APPLICATION****Daewoo:** Musso 2.3.**Mercedes Benz:** CLK 200 Kompressor, CLK 230 Kompressor, C180, 200 Kompressor, 220, 230, C230 Kompressor, E200 Kompressor, V200, V230. Sprinter 214, 314, 414 2.3. Vito 2.0 113, 114 190 1.8, 2.0, E 2.0, E 2.3, 2.5-16.**Opel:** Astra 1.2 16V, 1.4 16V, 16i, 1.6 16V. Corsa 1.0 12V, 1.2 16V, 1.4 16V, 16i. Corsa 1.8 16V.

Meriva, Tigra, Vectra 1.4 16V, 16 16V.

Vauxhall: Corsa 1.0 12V, 1.2 16V, 1.4 16V, 16i. Corsa 1.8 16V.**1620**

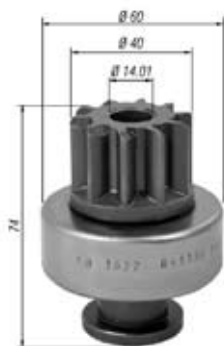
T8 | SPL6 | CCW
Fam. 34

ORIGINAL**Remy:** 10475540**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Daewoo:** Damas.**1621**

T13 | SPL9 | CCW
Fam. 117

ORIGINAL**Lucas:** 35260975**Lucas Indiel:** 35260975**Prestolite:** 35260975**MOTOR****Lucas Indiel:** 35260890**Prestolite:** 35260890**APLICAÇÃO / APLICACIÓN / APPLICATION****Agrale:** Trator/Tractor 4230 Industrial c/ motor CAT 3126 M790. Trator/Tractor 4230 c/ motor CAT 3126 M790. Trator/Tractor 4230.4 c/ motor CAT 3126 M790.

1622



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas: 229278 - 35259278
Lucas Indiel: 229278 - 35259278
Prestolite: 229278 - 35259278

MOTOR

Lucas Indiel: 35259300 - 35260940 - 35260950 - 35261070
Prestolite: 35260940 - 35260950 - 35261070

APLICAÇÃO/APLICACIÓN/APPLICATION

Agco: Agco/M.F. - M93R12V.
Massey Ferguson: Colheitadeira /Combine/Cosechadora MF 86HS - Perkins 4.236 4.0. Colheitadeira/Combine/Cosechadora MF 96 Perkins 4000 4.1. Emplilhadeira Maxion 3000 - Perkins 4000 4.1. Trator MF 265 - Perkins A4.236 3.9. Trator MF 275, 283, 290, 292 - Perkins P4000 4.1. Trator MF 5275/5285/52902 - Perkins série 4.41 4.1. Trator MF 5300 / 5310 - Perkins 1004 4T 4.0.
International: Jacto c/ motor Perkins 1006/T. Maxion S4. Perkins 1006/T. Retroescavadeira c/ motor Maxion S4.

1623



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas: 35260999
Lucas Indiel: 226660 - 35260999
Prestolite: 226660 - 35260999

MOTOR

Lucas Indiel: 35259880 - 35261120 - 35261155 - 35262580
Prestolite: 35259880 - 35261120 - 35261155

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Cargo c/ motor Cummins ISB e 6 cil. F12000 c/ motor Cummins B Eletrônico Aftercooler 5.9. F14000 c/ motor Cummins B Eletrônico Aftercooler 5.9. F16000 c/ motor Cummins B Eletrônico Aftercooler 5.9.
Volkswagen: Caminhão c/ motor Cummins B Eletrônico.

1624



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0331

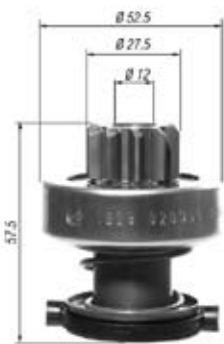
MOTOR

Bosch: 0001223503 - 0001223504 - 0001362105
Iveco: 500338953
Lucas: LRS1976 - LRS01976
Magneti Marelli: MSN2036

APLICAÇÃO/APLICACIÓN/APPLICATION

Ford: Trator/Tractor. Tratores/Tractors: 3010S, 3830, 4010S, 4030 (1992 até 1996), 5010S, TN55, TN55D, TN55S, TN65, TN65 Turf, TN65D, TN65S, TN65V, TN70, TN70D, TN70S, TN75, TN75D, TN75S, TN75V (1996 em diante).
New Holland: Trator/Tractor.

1629



T10 | SPL16 | CW
Fam. 94

ORIGINAL

Bosch: 6033AD0218

MOTOR

Bosch: 0001223005 - 0001223006
Mercedes Benz: 0051512501

APLICAÇÃO/APLICACIÓN/APPLICATION

Mercedes Benz: E270, E320, ML270, S320 CDI. Sprinter 216, 316, 416 CDI. Sprinter 2.3 2000/2003.

1630T9 | SPL10 | CW
Fam. 130**ORIGINAL**

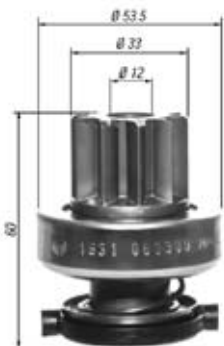
Fiat: 9947748
Magneti Marelli: 85541160

MOTOR

Fiat: 46454895 - 46463250
Magneti Marelli: 63114008 - 63114010 - 63222005

APLICAÇÃO / APLICACIÓN / APPLICATION

Alfa Romeo: Alfa Romeo 156, 166 2.4 TD.
BMW: BMW 325, 525, 725 2.5 TD.
Fiat: Brava 1.9 TD. Bravo 1.9 TD. Marea 1.9 e 2.4 TD.
Lancia: K 2.4 TD.
Opel: Omega 2.3 TD.

1631T10 | SPL10 | CW
Fam. 94**ORIGINAL**

Bosch: 1006209666 - 1006209936

MOTOR

Bosch: 0001109021 - 0001109022 - 0001109066 - 0001109067

APLICAÇÃO / APLICACIÓN / APPLICATION

Audi: A4, A6, A8 2.5 TDI. Quattro.
Skoda: Super B 2.5 TDI.
Volkswagen: Passat 2.5 TDI. Syncro - 4 Motion.

1632T10 | SPL16 | CCW
Fam. 79**ORIGINAL**

Bosch: 1006209806

MOTOR

Bosch: 0001120400 - 0001120401 - 0001120404 - 0001120405 - 0001120406 - 0001120407 - 0001120408 - 0001120409 - 0001120410 - 0001120411 - 0001121408 - 0001121409 - 0001121410 - 0001121411 - 0001122400 - 0001122401

APLICAÇÃO / APLICACIÓN / APPLICATION

Seat: Cordoba/Stella.
Volkswagen: Beetle, Jetta, Golf 2005 a 2009.

1635T9 | SPL10 | CW
Fam. 46**ORIGINAL**

Lucas Indiel: 229023

MOTOR

Lucas: 35258660 - 35260828
Lucas Indiel: 35258490 - 35259040 - 35259400

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: F1000 Motor Maxion HS 4 cil. 2.5. Ranger Motor Maxion HS 4 cil. 2.5.
General Motors: Pick-up Blazer Motor Maxion HS 4 cil. 2.5. Pick-up S10 Motor Maxions HS 4 cil. 2.5.
International: Matra Motor Maxion HS 4 cil. 2.5. Retroescavadeira - Maxion HS 4 cil. 2.5.
Land Rover: Defender Motor Gemini III 4 cil. 2.5. Discovery Motor Gemini III 4 cil. 2.5.
Mercedes Benz: Sprinter - Maxion HS 4 cil. 2.5.

1636



T9 | SPL9 | CW
Fam. 117

ORIGINAL

Lucas Indiel: 229902

MOTOR

Lucas Indiel: 35259570

APLICAÇÃO / APLICACIÓN / APPLICATION

Agrale: Trator/Tractor 4100, 4100.4.

1637



T10 | SPL10 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 229912
Prestolite: 229912

MOTOR

John Deere (SLC): AJ59342 - AJ60123 - RE509856 - RE509857
Lucas Indiel: 35259390 - 35259590 - 35259600 - 35259690

APLICAÇÃO / APLICACIÓN / APPLICATION

John Deere (SLC): 6605 e 7505 6 cil. Colheitadeira/Combine/Cosechadora 1165, 1175, 1450. Trator 7500.

1638



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: F000AL2617

MOTOR

Bosch: F000AL0128

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: Ônibus O364 com motor OM352/352A. Caminhões 1316, 1513.
New Holland: Colheitadeira/Combine/Cosechadora FNH 8040, 8255.
Toyota: Bandeirantes c/ motor OM 364.

1641



T9 | SPL10 | CW
Fam. 74

ORIGINAL

Bosch: 1006209796

MOTOR

Bosch: 0001107429 - 0001107437 - 0986021240

APLICAÇÃO / APLICACIÓN / APPLICATION

Fiat: Motor 1.3 JTD 16V.
Lancia: Motor 1.3 JTD 16V.
Opel: Motor 1.3 JTD 16V.

1642T12 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** 1006209824 - 1006210128 - 1006210146**MOTOR****Bosch:** 0001109205 - 0001109304 - 0001109305 - 0986021810
Cargo: 330265**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** Jumper.
Fiat: Ducato.
Land Rover: Defender c/ motor 2.4 TD4 do ano de 2007 em diante.
Peugeot: Boxer. Boxer c/ motor 2.2 HDI do ano de 2006 em diante.**1643**T9 | SPL16 | CW
Fam. 94**ORIGINAL****Bosch:** 6033AD0004**MOTOR****Bosch:** 0001223001 - 0986016950**APLICAÇÃO / APLICACIÓN / APPLICATION****Citroën:** Jumper.
Peugeot: Boxer motor 2.5 TDI 1994/2002. 406, 605, 607, 807.**1646**T12 | SPL12 | CW
Fam. 115**ORIGINAL****Mazda:** F8RU-88D004**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Mazda:** Mazda B-2000.**1647**T17 | SPL6 | CW
Fam. 128**ORIGINAL****Lucas Indiel:** K01554**MOTOR****Lucas Indiel:** 35261385**APLICAÇÃO / APLICACIÓN / APPLICATION****John Deere (SLC):** 5320N motor 3029T 3cil 2..9. 5410 4.5 4 cil. 5520N Motor 4045T 4 cil 4.5. 5600 motor 4039 D 3.9. 5649. 5700, 6300 motor 4039T 4cil 3.9. 6600 motor 6059T 6cil. 5.9. Bulldozer 570 , 570A, Tractor 627 / 727 6 cil. Tratores 1420, 2330, 2420, 2530, 2730 3 e 4 cil. Tratores 2140, 2850, 3140, 3350, 3540, 3550 com motores 6359 4239D. Tratores 3420, 3530, 4420, 4530 6 cil.

1648



T12 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 35260838 - 35260875

MOTOR

Lucas Indiel: 35259450 - 35259730 - 35259810 - 35260870 - 35261050 - 35261160

APLICAÇÃO/APLICACIÓN/APPLICATION

Cummins: C 8.3.

Ford: Cargo 1622 Cummins 6CTAA 8.3. Cargo 2422 Cummins 6CTAA 8.3. Cargo 2425 Cummins 6CTAA 8.3. Cargo 2425 Mixer Cummins 6CTAA 8.3. Cargo 2630 Cummins 6CTAA 8.3.

International: Navistar DT360 5.9. Navistar DT446 - I6 7.6.

1650



T9 | SPL10 | CW
Fam. 94

ORIGINAL

Bosch: 1006209818 - 1006209964 - 1006210111 - 1006210149

Cargo: 237667

Iveco: 500053567 - 50053567

MOTOR

Bosch: 0001109300 - 0001109301 - 0001109306 - 0001109307 - 0986021640 - 2164 **Citroën:** 5802AQ

Fiat: 1347058080 - 63521093 - MSN2026

Iveco: 55195970 **Lucas:** LRS02223 - LRS2223

Peugeot: 5802AQ **Remy:** 8000032

APLICAÇÃO/APLICACIÓN/APPLICATION

Citroën: Citroen Relay 2.8HDI. Jumper 2.8 HDI

Fiat: Ducato 2.3, 2.8 JTD.

Fiat Iveco: Daily III 2.4 / 2.8. Microônibus City Plus 2009.

Peugeot: Boxer 2.8 HDI.

1651



T9 | SPL6 | CW
Fam. 46

ORIGINAL

Lucas Indiel: 35259978

MOTOR

Lucas Indiel: 35261130

Magneti Marelli: 943252201

Mercedes Benz: 0011519601 - 0031510401

APLICAÇÃO/APLICACIÓN/APPLICATION

Puma: Ônibus Puma.

1655



T10 | SPL16 | CCW
Fam. 79

ORIGINAL

Bosch: 1006209681 - 1006209943

MOTOR

Bosch: 0001125016 - 0001125017 - 0001125018 - 0001125019 - 0001125046 - 0001125047 - 0001125048 - 0001125049 - 0001125605 - 0001125606

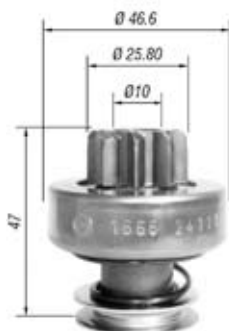
APLICAÇÃO/APLICACIÓN/APPLICATION

Audi: S 3 Quattro. TT Coupe 1.8.

Linde: Empilhadeira.

Seat: Alhambra 1.9 TDI. Cupra 4. Lean 1.8. Lean 2.8 V6.

Volkswagen: Bora 1.9 TDI. Caravelle - Multivan 2.5 e 2.8 TDI. Golf 1.9 TDI. Sharan 1.9 TDI.

1656T9 | SPL6 | CW
Fam. 42**ORIGINAL****Raisman:** OM-90-050**MOTOR****OMC:** 5032433**APLICAÇÃO / APLICACIÓN / APPLICATION****Johnson/Evinrude:** 50 / 70HP.**1658**T19 | - | -
Fam. 76**ORIGINAL****Bosch:** 6033AD5055 - 6033AD5078 - 6033AD5355 - 6033AD5356
DAF: 1679152**MOTOR****Bosch:** 0001241001 - 0001241003 - 0001241004 - 0001241005 - 0001241006 - 0001241007 - 0001241009 - 0001241014
0001241015 - 0001241016 - 0001241019 - 0001241020 - 0001241021 - 0001241023**APLICAÇÃO / APLICACIÓN / APPLICATION****Scania:** P 230 DC 9.16 Euro 4 / P 270 DC 9.17 Euro 4. P 310 DC 9.18 Euro 4 / P 340 DC 12.10 Euro 4. P 380 DC 12.13 Euro 4. P 380 DC 12.18 Euro 5 / P 480 DT 12.17 Euro 4. P 420 DC 12.15 Euro 5. P 420 DT 12.12 Euro 4. P 470 DT 12.06 Euro 3. R 420 DC 12.14 Euro 3. R 420 DC 12.15 Euro 5. R 420 DT 12.11 Euro 4. R 470 DT 12.03 Euro 4. R 470 DT 12.06 Euro 3. T 340 DC 11.08 Euro 3 / T 380 DC 11.09 Euro 3. T 420 DC 12.14 Euro 3 / T 420 DT 12.11 Euro 4. T 470 DT 12.06 Euro 3.**ZEN:** Utiliza pinhão ZEN 12839.**1661**T26 | SPL6 | CW
Fam. 128**ORIGINAL****Mitsubishi:** M191T94071**MOTOR****Mitsubishi:** M009T62571**APLICAÇÃO / APLICACIÓN / APPLICATION****Volkswagen:** VW 26260.**Volvo:** FM / FH.**1666**T9 | SPL11 | CW
Fam. 75**ORIGINAL****Bosch:** F000CD1009**MOTOR****Bosch:** F000CD0001 - F000CD0900**APLICAÇÃO / APLICACIÓN / APPLICATION****Fiat:** Doblo. Novo Uno. Palio. Strada.

1667



T19 | - | CCW
Fam. 134

ORIGINAL

MOTOR

Mando: MG122423

APLICAÇÃO / APLICACIÓN / APPLICATION

Kia: Besta 2.7 arranque Mando.

1669



T8 | SPL6 | CCW
Fam. 42

ORIGINAL

Raisman: OM-90-100 - OM-90-150

MOTOR

OMC: 387094 - 395207 - 585062 - 586288

APLICAÇÃO / APLICACIÓN / APPLICATION

Johnson/Evinrude: OMC V-6 150 / 235 HP.

1670



T9 | SPL6 | CCW
Fam. 42

ORIGINAL

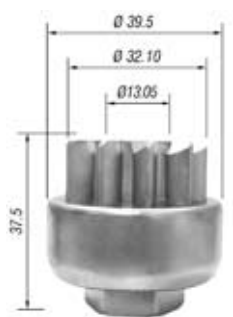
Raisman: OM-90-0V4/9

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Johnson/Evinrude: OMC V-4 / V-6 60°.
... Motor de popa.

1673



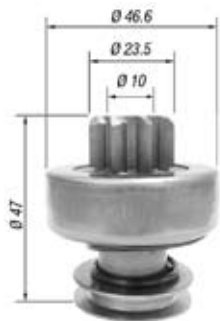
T10 | SPL6 | CCW
Fam. 42

ORIGINAL

Raisman: OM-90-090
... Motor de popa.

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

1674T8 | SPL11 | CW
Fam. 75**ORIGINAL****Bosch:** F000CD1114**MOTOR****Bosch:** F000CD0002 - F000CD1113**APLICAÇÃO / APLICACIÓN / APPLICATION****Renault:** Logan. Sandero.**1675**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F000AL2638**MOTOR****Bosch:** F000AL0130 - F000AL0151
Ford: 7C3511001AA**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** F250 ano 02 - .., F350 ano 02 - .., F4000 ano 02 - 09 c/ motor Cummins.**1676**T12 | - | CW
Fam. 122**ORIGINAL****Ford:** 3,6 k - VP7C3U11350AB**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Ford F séries.**1677**- | SPL6 | CCW
Fam. 115**ORIGINAL****Ford:** 8G1T11000AA - 8G1T11000AB - 8G1Z11002A - 8G1Z11002B - VP8G1U11350AA - Cyclone**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Ford Flex 3.5L (2009). Lincoln MKS 3.7L (2009). Ford Edge 3.5L (2009-07). Lincoln MKX 3.5L (2009-07). Ford Taurus 3.5L (2009-08). Ford Taurus X 3.5L (2009-08). Mercury Sable 3.5L (2009-08).

1678



T10 | SPL10 | CW
Fam. 91

ORIGINAL

Iskra: 16902379

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

New Holland: Trator.

1679



T21 | SPL7 | CW
Fam. 128

ORIGINAL

Remy: 10515810

MOTOR

Remy: 10479651 - 8200003 - 8200138 - 8200295 - 8200511

APLICAÇÃO / APLICACIÓN / APPLICATION

Mercedes Benz: 710, 1418R, 1720, 1720K, L 1620, LO 814 - com motores OM 364 e OM 366 em 12V. 28MT, 29MT.

1680



T10 | SPL8 | CW
Fam. 111

ORIGINAL

Mitsubishi: 15171 - M191T15171

MOTOR

Remy: 10455711

APLICAÇÃO / APLICACIÓN / APPLICATION

General Motors: Omega 4.1 CD.

1682



T9 | SPL10 | CW
Fam. 15

ORIGINAL

26241018

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

... HD 10 (TCL 4BT/6BT)

1686T9 | SPL4 | CW
Fam. 89**ORIGINAL****Valeo:** 101310 - 60910**MOTOR****Valeo:** FS10B1**APLICAÇÃO / APLICACIÓN / APPLICATION****Ford:** Ka, Fiesta, Courier 2010/...**1687**T30 | SPL8 | CW
Fam. 114**ORIGINAL****MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****Honda:** Motores de popa de 40 a 200 HP.**1690**T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F000AL2712**MOTOR****Bosch:** F000AL0135**APLICAÇÃO / APLICACIÓN / APPLICATION**

CBT: Série 8240 4.248 01/1984 JF 12V. **Chevrolet:** Série D - D20 Plus Maxion S4T 03/1992 A 10/1996 JF 12V.
Massey Ferguson: MF 1630 A 6.354-4 E 1630 A.4248 01/1981 JF 12V. MF 3640 A 6.358 A 01/1973 JF 12V MF 3640 Perkins 1006-6 05/1996 JF 12V. MF 5650 A 6.354.4 01/1982 01/1982 JF 12V. MF 5650 Perkins 1006-6T 05/1996 JF 12V MF 5650 Turbo AT 6.354.4 03/1988 JF 12V. MF 6845 Perkins 1006-6T 12/1994 JF 12V. MF 6855 Perkins 1006-6TW 10/1993 JF 12V MF 6865 Perkins 1006-6T 09/1994 JF 12V. **Maxion:** Ideal 9075 Perkins 1006-6 09/1994 JF 12V. Ideal 9090 Perkins 1006-6T 10/1993 JF 12V. Ideal 9090 Perkins 1006-6TW 12/1994 JF 12V.
Mercedes Benz: Série 9T - 917 OM 366 A 01/1988 JF 12V. OF 1113 OM 366 09/1987 JF 12V. OH 1113 OM 366 A 01/1988 JF 12V.

1691T10 | SPL10 | CW
Fam. 94**ORIGINAL****Bosch:** F000AL2721**MOTOR****Bosch:** F000AL0138 - F000AL0139**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: F4000 4BT 05/96 a 10/1998 JF 12V. Cargo C 1215 e 1415 6BTAA 04/1992 a 11/2000 JF 12V. Cargo C 1216, 1416 e 1617 05/1993 a JF 12V. Cargo C 1421 e 1621 6BTAA 12/1999 JF 12V.
Volkswagen: Série 13T 13.190 6BTAA 10/2001 e 13.170 6BTAA 03/00 a 10/2001 JF 12V. Série 14T 14.170 BT 6BTAA 09/1997 - 02/2000 JF 12V. Série 16T 16.200 BT 6BTAA 10/1997 - 02/2000 JF 12V. Série 17T 17.210 BT 6BTAA 01/2000 JF 12V. Série 12T 12.180 6.10TCA 06/1999 a 02/2000 JF 12V. **Mercedes Benz:** Série 11T L 1113 OM 352 01/1974 JF 12V. Série 11T L 1116 OM 352 A 08/1978 JF 12V. Série 11T L 1117 e LA 1117 OM 352 A 08/1983 JF 12V. Série 11T L 1117 OM 366 A 01/1987 JF 12V. Série 11T L 1113 OM 352 A 05/1983 JF 12V. Série 12T L 1319 OM 366 LA 01/1988 JF 12V. Série 13T L 1316 OM 352 A 06/1982, I 1317 OM 352 A 03/1983 ambos JF 12V. Série 13T L 1319 OM 366 LA 01/1987 JF 12V. Série 14T LP 1419 OM 366 LA 01/1988 JF 12V. Série 15T L 1516 OM 352 A 06/1982 JF 12V.

10003



T9 | SPL6 | CW
Fam. 132

Substitui/Cambiar/Replaces 0952

ORIGINAL

Lester: 6471 - 6491 - 6493 - 6494

Remy: 10452348 - 10455504 - 10501804 - 10504515 - 8000045 - 8000058 - 89017523 - 9000856 - 9000868 - 9000876 - 9000881 - 9000896 - 9000901 - 9000933 - 9000939 - 9000977

MOTOR

General Motors: 93297652 - 93297653 - 93303527 - 93304772 - 93327502 - 93374341 - 93374342 - 93384398

Remy: 8000006 - 8000090 - 8000158 - 8000159 - 8000188 - 9000890 - 9000891 - 9000893 - 9000944 - 9000978 - 9000981

APLICAÇÃO/APLICACIÓN/APPLICATION

Buick: Century 3.1L (189) V6 2001.

Cadillac: Escalade 5.3L (325) V8 2004-2005.

Chevrolet: Avalanche 5.3L (325) V8 2004-2005.

Express Vans 4.8L (291) V8 2004. Express Vans 4.8L (291) V8 2005. Express Vans 5.3L (325) V8 2004. Express Vans 5.3L (325) V8 2005. Impala 3.4L (207) V6 2001. Lumina (Sedan) 3.1L (189) V6 2001. Malibu 3.1L (189) V6 2001. Monte Carlo 3.4L (207) V6 2001. Silverado Pick-up 4.8L (291) V8 2004. Silverado Pick-up 4.8L (291) V8 2005. Silverado Pick-up 5.3L (325) V8 2004. Silverado Pick-up 5.3L (325) V8 2005. SSR Sport Truck 5.3L (325) V8 2003-2004. Suburban 5.3L (325) V8 2004-2005. Tahoe 4.8L (291) V8 2004. Tahoe 4.8L (291) V8 2005. Tahoe 5.3L (325) V8 2004. Tahoe 5.3L (325) V8 2005. Trailblazer 5.3L (325) V8 2004-2005. Venture 3.4L (207) V6 2001.

Fiat: 1.8 8V e 1.8 16V e veículos flex. Doblo, Idea, Palio, Punto, Stilo, Strada.

General Motors: Astra 1.8, 2.0. Blazer 2.2, 2.4. Celta. Corsa 1.8. Envoy 5.3L (325) V8 2004-2005. Meriva 1.8. Montana.

S10 2.2, 2.4. Savana Vans 4.8L (291) V8 2004. Savana Vans 4.8L (291) V8 2005. Savana Vans 5.3L (325) V8 2004. Savana Vans 5.3L (325) V8 2005. Sierra Pick-up 4.8L (291) V8 2004. Sierra Pick-up 4.8L (291) V8 2005. Sierra Pick-up 5.3L (325) V8 2004. Sierra Pick-up 5.3L (325) V8 2005. Vectra 2.2. Yukon 4.8L (291) V8 2004. Yukon 4.8L (291) V8 2005. Yukon 5.3L (325) V8 2004. Yukon 5.3L (325) V8 2005.

Yukon XL 5.3L (325) V8 2004-2005. Zafira 2.0.

Isuzu: Ascender 5.3L (325) V8 2004.

Oldsmobile: Alero 3.4L (207) V6 2001. Silhouette 3.4L (207) V6 2001.

Pontiac: Aztek 3.4L (207) V6 2001. Grand AM 3.4L (207) V6 2001. Grand Prix 3.1L (189) V6 2001. Montana 3.4L (207) V6 2001.

Saab: 9-7 5.3L (325) V8 2005.

Saturn: 2004-01.

9186



T9 | CW | L25.2 | G29.64 | SPL18

ORIGINAL

Honda: 31213671671 - 31221657004

Lester: 16248 - 16586 - 16600 - 16760 - 16761 - 16905 - 16906 - 17027 - 17028 - 17101 - 17118 - 17254 - 17345 - 17365 - 17374 - 17378 - 17606

Nippondenso: 0280993088 - 0280993090 - 0283001603

Toyota: 2801126041 - 2801126042

MOTOR

Honda: DRK1E - 31200PA0671 - 31200PB2016 - 31200PC2004 - 31200PC2661 - 31200PC2662 - 31200PC2671 - 31200PC2672 - 31200PC6661 - 31200PD2661 - 31200PE0661 - 31200PE1671 - 31200PG6911 - 31200PM3003 - 31200PV2662 - 31200PV2671 - 31200657671 - 31200675671 - 31200689661 - 31200689662

Nippondenso: 01280000590 - 0280001661 - 0280002911 - 0280004020 - 0280004021 - 0280004044 - 0280004240 - 0280004241

0280004242 - 0280004243 - 0280004250 - 0280004251 - 0280004252 - 0280004253 - 0280004320 - 0280004321 - 0280004322 - 0280004323 - 0280004340 - 0280004341 - 0280004342 - 0280004343 - 0280004450 - 0280004510 - 0280004512 - 0280004540 - 0280004550 - 0280004900 - 0280004940 - 0280004951 - 0280005100 - 0280005820 - 0280005821 - 0280005822 - 0280005900 - 0280005910 - 0280005912 - 0280006000 - 0280006001 - 0280006030 - 0280006040 - 0280006140 - 0280006360 - 0280006361 - 0280006362 - 0280006620 - 0280006701 - 0280006710 - 0280006711 - 0280007190 - 0280007191 - 0280007320 - 0280007321 - 0280007380 - 0280007390 - 0280007391 - 0280007392 - 0280007550 - 0280007560 - 0280007620 - 0280007700 - 0280007990 - 0280008000 - 0280008050 - 0280008060 - 0280008080 - 0280008180 - 0280008220 - 0280008380 - 0280008620 - 0280008670 - 0280009070 - 0280009120 - 0280009121 - 0280009260 - 0280009270 - 0280009320 - 0280009321 - 0280009340 - 0280009380 - 0280009720 - 0280009730 - 0280009860 - 1280000120 - 1280000130 - 1280000280 - 280000300 - 1280000400 - 1280000590 - 1280000620 - 1280000622 - 1280001240 - 1280001250 - 1280001350 - 1280001370 - 1280001440 - 1280001900 - 1280002040 - 1280002060 - 1280002180 - 1280002190 - 1280002590 - 1280003350 - 1280004420 - 1280005080 - 1280005340 - 1280005561 - 1280005571 - 1280005580 - 1280005581 - 1280005630 - 1280005691 - 1280005700 - 1280005780 - 1280007211 - 1280007210 - 1280008200 - 1280008210 - 1280008500 - 1280009950 - 128005080 - 128007210

Toyota: 2810010040 - 2810013010 - 2810015020 - 2810015040 - 2810015070 - 2810015130 - 2810015180 - 2810016020 - 2810016080 - 2810020550 - 2810020551 - 2810020552 - 2810026043 - 2810026053 - 2810026061 - 2810026063 - 2810026070 - 2810026100 - 2810026110 - 2810026120 - 2810027050 - 2810034044 - 2810034052 - 2810034060 - 2810034080 - 2810041060 - 2810045030 - 2810045031 - 2810045032 - 2810060070 - 2810063020 - 2810063050 - 2810072010 - 2810072020 - 2810072090

APLICAÇÃO/APLICACIÓN/APPLICATION

Honda: Civic 1.3, 1.4, 1.5, 1.6. Concerto 1.3, 1.4, 1.5 (16V). Shuttle 1.5, 1.6.

Kubota: Tractors.

Toyota: 2S, 2Y, 3Y, 4Y. Camry 1.8, 2.0. Carina II 1.8, 2.0. Corolla 1.8, 2.0. MR2. Hilux.

ZEN: Impulsor 0947.

9260

T9 | L23.5 | G33 | SPL18

ORIGINAL

Isuzu: 5811240030 - 5811240060
Lester: 16739 - 17303 - 17381
Nippondenso: 0280993400 - 0283001841

MOTOR

Isuzu: 5811000860 - 5811001550 - 5811001660 - 5811001661 - 5811001830 - 8941233870 - 8941337583 - 8941492490
 8941702050 - 8944127301
Nippondenso: 0280005060 - 0280006440 - 0280007000 - 0280007790 - 0280007791 - 1280000020 - 1280000830 - 1280000831
 1280000960 - 1280001100 - 1280002881 - 1280004390 - 128000830

APLICAÇÃO / APLICACIÓN / APPLICATION

Isuzu: KB18, 20, 21. Trooper TD.
Jeep: Renegade.

9301

T11 | CW | L36 | G40 | SPL16

ORIGINAL

Lester: 16830 - 16881 - 18151 - 18190
Nippondenso: 0280993310 - 0283002011
Toyota: 2801154010

MOTOR

Nippondenso: 0280005490 - 0280005580 - 0280005581 - 0280005593 - 0280005850 - 0280005860 - 0280006200 - 0280006290
 0280006340 - 0280006560 - 0280006561 - 0280006640 - 0280006880 - 0280007240 - 0280007810 - 0280008070 - 0280009770
 1280004100 - 1280005090 - 1280005300 - 1280007750
Toyota: 2810022060 - 2810042800 - 2810047090C - 2810054010
 2810054061 - 2810054090

APLICAÇÃO / APLICACIÓN / APPLICATION

Toyota: 2B, 3B.

9302

T13 | CW | L36 | G39.5 | SPL16

ORIGINAL

Lester: 16658 - 16990 - 17215 - 17390 - 17394 - 17548 - 17600
Nippondenso: 0280993230

MOTOR

Nippondenso: 0280005880 - 1280000210 - 1280000540 - 1280002270 - 1280002480 - 1280003120 - 1280004220 - 1280004910
 1280009500 - 2280000620

APLICAÇÃO / APLICACIÓN / APPLICATION**9307**

T11 | CW | L25 | G29.30 | SPL18

ORIGINAL

Lester: 16676 - 17007 - 17020 - 17083 - 17091 - 17129 - 17197 - 17216 - 17363 - 17368 - 17579 - 18154
Nippondenso: 0280993380 - 028099-6260 - 028099-6300

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

9349



T10 | CW | L25.2 | G33 | SPL18

ORIGINAL

Chrysler: 5233966
Lester: 17084 - 17466 - 17485
Nippondenso: 0280996310 - 0283001811 - 0283006190

MOTOR

Nippondenso: 0280005000 - 0280007730 - 1280004960 - 1280005270 - 1280005280 - 1280005670 - 1280006320 - 128005670

APLICAÇÃO/APLICACIÓN/APPLICATION

9350



T9 | L41 | G29.30 | SPL18

ORIGINAL

Honda: 31204PC016 - 31204PC2016 - 31204PD1003 - 31204PD1013 - 31204PH3006 - 31204PJ7903
Lester: 16845 - 16901 - 16902 - 16914 - 16960 - 17160 - 17491

MOTOR

Honda: 31200PC2663 - 31200PC2681 - 31200PC6663 - 31200PD2662 - 31200PD2663 - 31200PD2664 - 31200PE0664 - 31200PE0665
 31200PE1673 - 31200PE1674 - 31200PG6914 - 31200PH3953 - 31200PK2006 - 31200PK2026 - 31200PK2953 - 31200PK2955
 31200PM1005 - 31200PM3005 - 31200PT0900

APLICAÇÃO/APLICACIÓN/APPLICATION

9402



T10 | CW | L36 | G40 | SPL16

ORIGINAL

Lester: 16981 - 17348 - 17380 - 17385 - 17388 - 17391 - 17393 - 17399 - 17458 - 17609 - 17611 - 17613 - 17614
Nippondenso: 0280993270 - 0283003690 - 0283005450

MOTOR

Nippondenso: 0280006780 - 1280001060 - 1280001780 - 1280002250 - 1280002251 - 1280002560 - 1280003030 - 1280004080
 1280004090 - 1280004970 - 1280005370 - 1280005600 - 1280005620 - 1280005621 - 1280007040 - 1280008290 - 1280009610
 2280000020

APLICAÇÃO/APLICACIÓN/APPLICATION

Bluebird Bus: Bluebird.
Caterpillar: 2.5kW/12V.

9403



T9 | CW | L36 | G35.5 | SPL16

ORIGINAL

Lester: 16651 - 17359
Nippondenso: 0280993210

MOTOR

Nippondenso: 0280005000 - 0280007730

APLICAÇÃO/APLICACIÓN/APPLICATION

9426

T11 | CW | L19 | G34.8 | SPL18

ORIGINAL

Lester: 17110 - 17244
Mitsubishi: M605X32471

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****9459**

T11 | CW | L40 | G34.40 | SPL16

ORIGINAL

Lester: 17362
Nippondenso: 0280996200

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION****9488**

T9 | CW | L87 | G29.5 | SPL10

ORIGINAL

Hitachi: 2108F3500 - 211455008 **Nissan-Datsun:** 23357N5900

MOTOR

Hitachi: S114253 - S114253A - S114253B - S114254 - S114254A - S114254C - S114254D - S114255 - S114255A - S1142564 - S114258
 S114258A - S114258C - S114264A - S114265 - S114268 - S114268A - S114290 - S114290A - S114290B - S114296 - S114296A - S114344
 S114374 - S114374B - S114401B - S114429 - S114429A - S114446 - S114453 - S114454 - S114457 - S114458 - S114474 - S114476
 S13100 - S13115 - S13121 - S1362B - S1362C - S1363 - S1370 - S1370A - S1382 - S1382A - S1383
Isuzu: 8942420670
Nissan-Datsun: 23300H9100 - 23300H9101 - 23300N5900 - 23300N5902 - 23300N5903 - 23300R2000 - 23300U7500 - 23300U7501
 23300U7502 - 23300V5300 - 23300V5301 - 23300W1000 - 23300W1002 - 23300W7000 - 23300W7001 - 23300Y7000 - 23300Y7001
 2330006W61 - 2330017C60 - 2330018C60 - 2330021P00 - 2330022P00

APLICAÇÃO / APLICACIÓN / APPLICATION

Chevrolet: Chevette CS 1984 L4 1.8 diesel. Chevette CS 1985 L4 1.8 diesel. Chevette CS 1986 L4 1.8 diesel. **General Motors:** Chevy D.
Nissan-Datsun: 210 Deluxe 1980 L4 1.4 gas. 210 Deluxe 1980 L4 1.5 gas. 210 Deluxe 1981 L4 1.5 gas. 210 Deluxe 1982 L4 1.5 gas.
 210 Luxury 1982 L4 1.5 gas. 210 MPG 1981 L4 1.4 gas. 210 MPG 1982 L4 1.4 gas. 280Z 2+2 1978 L6 2.8 gas. 280Z, 300 ZX/Turbo, 300C.
 Patrol 2.8. Terrano. Vanette 2.4i. Urvan. Cabstar 2.0.

9492

T10 | CW | L25 | G29.2 | SPL18

ORIGINAL

Lester: 17460 - 17465

MOTOR

Nippondenso: 228000036

APLICAÇÃO / APLICACIÓN / APPLICATION

Chrysler: Concorde 3.3L.
Dodge: Intrepid 3.3L.
Eagle: Vision 3.3L.

9495



T11 | CW | L17.5 | G34.8 | SPL18

ORIGINAL

Mitsubishi: M605X34971
Nissan - Datsun: 2335720H12

MOTOR

Lester: 16947
Mitsubishi: M2T58081 - M2T58381 - M2T58481

APLICAÇÃO / APLICACIÓN / APPLICATION

Nissan - Datsun: Lift Trucks AH A15 Engine, APH A15 Engine, APH H20 Engine, ASH A15 Engine, ASH H20 Engine, CEF H20 Engine. Nissan 23300-20H00, 23300-20H12, Nissan 23300-20H00, 23300-20H12 Nissan Ag. Nissan Lift Truck.
TCM Equipment Ag: Lift Trucks FHG20N Z24 Engine.

9502



T13 | CCW | L24.5 | G40.80 | SPL18

ORIGINAL

Lester: 16893 - 16978

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

9504



T9 | L25.2 | G29.64 | SPL18

ORIGINAL

Lester: 17273

MOTOR

Nippondenso: 128000283 - 128000708 - 128000746 - 128000970 - 228000081 - 228000205 - 228000226 - 228000399 - 228000504 - 228000642 - 228000720

APLICAÇÃO / APLICACIÓN / APPLICATION

Acura: Nippondenso Starter.
Honda: Nippondenso Starter.
Isuzu: Nippondenso Starter.

9506



T13 | CCW | L23.5 | G40.8 | SPL18

ORIGINAL

Lester: 16893 - 17263 - 17534
Nippondenso: 0283716490

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

9525

T8 | CCW | L94 | G28 | SPL10

ORIGINAL**MOTOR****APLICAÇÃO / APLICACIÓN / APPLICATION****9526**

T9 | CW | L87 | G33 | SPL10

ORIGINAL**Thermo King:** 446676 - 446681**MOTOR****Thermo King:** 451229 - 451263 - 451285**APLICAÇÃO / APLICACIÓN / APPLICATION**

Aplicável no Impulsor ZEN 0844 (1.01.0844.0).

9527

T9 | CW | L87 | G36 | SPL10

ORIGINAL**Hitachi:** 2114-95501**Lester:** 16733 - 16809 - 18053 - 18054 - 18061**Nissan-Datsun:** 23357-W1700**MOTOR****Hitachi:** S114-357B - S114-367 - S114-395A - S114-471 - S114-472 - S114-482 - S13-101 - S13-102 - S13-104 - S13-105A - S13 - 66A - S13-69 - S13-81 - S13-92A**Nissan-Datsun:** 23300-V0703 - 23300-V7200 - 23300-W2804 - 23300-09E00 - 23300-10G02 - 23300-54A01 - 23300-7260 - 23300-83W00**APLICAÇÃO / APLICACIÓN / APPLICATION****Ishikawjima****Nissan-Datsun:** CD17. CD20. Diesel.**9528**

T8 | CW | L87 | G28 | SPL10

ORIGINAL**Hitachi:** 2114-65008**Nissan-Datsun:** 23357-M4901**MOTOR****Hitachi:** S114-252F - S114-322A - S114-393 - S114-478**Nissan-Datsun:** 23300-M4904**APLICAÇÃO / APLICACIÓN / APPLICATION****Nissan-Datsun:** Primera 2.0. Silvia 1.8. Stanza 220SX, 310.

9542



T9 | L25.2 | G29.64 | SPL18

ORIGINAL

MOTOR

Nippondenso: 228000022

APLICAÇÃO / APLICACIÓN / APPLICATION

Acura

9566



T9 | CW | L87 | G25.9 | SPL10

ORIGINAL

Lester: 17138

MOTOR

Hitachi: S1391

APLICAÇÃO / APLICACIÓN / APPLICATION

Volvo: Diesel.
Zen: Aplicável ao impulsor ZEN 0844 (1.01.0844.0).

9597



T12 | CW | L17.7 | G37.20 | SPL20

ORIGINAL

MOTOR

Mitsubishi: M8t50071 - 50171

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Canter.

9632



T11 | CW | L23.5 | G33.8 | SPL18

ORIGINAL

Lester: 17549 - 17574

MOTOR

Nippondenso: 228000180 - 228000340

APLICAÇÃO / APLICACIÓN / APPLICATION

Dodge

9702**ORIGINAL**

Accurate: 4-798, 798 **Ace:** 4-798 **AES New:** 1946 **AIM:** SJ-0779A
Amsco: HT-230 **Arrowhead:** SHI5308 **CPC:** SDHI-2662A
Dubois: 297400 **J&N:** 222-44009 **Just Parts:** B02-6021N - HT2-5034N-PS1
Lester: 62042662a **SWS:** 11812010 **W.A.I.:** 5481201

MOTOR

AES: S1935 - 17138 **AES New:** S1935N - S1936N **AIM:** SJ0053R **Arc:** S1660 **Arrowhead:** SHI0015 - SHI0032 **Beck Arnley:** 1870556
Bosch Reman: SR97X **Cargo:** 111120 **Dixie:** S6106 **Dubois:** 916584 **Hitachi:** S1391 - S1391A **Lucas Reman:** S7133 - S7219
Romaine: 4117138 **TRW:** LRS661 **Volvo:** 1328391 - 132839-6 - 5003003 - 5003003-0 **W.A.I.:** 21289HI **Wilson:** 91251101
Woodauto: STR72029 **Worldwide:** 16942

APLICAÇÃO / APLICACIÓN / APPLICATION

Volvo: 240 séries 2.4L, 2383cc (D24) 1985. 740 séries 2.4L, 2383cc (D24T) 1985-1986. 760 séries 2.4L, 2383cc (D24, D24T) 1985.

9781

T10 | CW | L14.9 | G27.94 | SPL18

ORIGINAL

Ford: XL1U11000AA - XL1Z11002AA
Lester: 6647
W.A.I.: 542201

MOTOR**APLICAÇÃO / APLICACIÓN / APPLICATION**

Ford: Ford PMGR Noseless Starters.

9791

T13 | CW | L18.2 | G51.1 | SPL20

ORIGINAL

Mitsubishi: M605X26971

MOTOR

Mitsubishi: M2T54571 - M2T54572 - M3T67771

APLICAÇÃO / APLICACIÓN / APPLICATION

Jungheinrich: DFG30.
Mazda: 2200 Pick-up.
Mitsubishi: Canter 2000.
Nissan-Datsun: 3300, 3500.
Yale: Forklifts.

9823

T9 | CW | L14.9 | G30 | SPL18

ORIGINAL

Accurate: 1073
Ace: 4-1073
Lester: 62505002
SWS: 11240001

MOTOR

Ace: CM7228 **AES New:** 6652N **Arrowhead:** SFD0055 **Beck Arnley:** 1876182
Bosch Reman: SR7593X **Cargo:** 112609 **Dixie:** S2100
Ford: XW4U11000CG - XW4Z11002CG - 1W4U11000CA - 5W4Z11002A - 6W4Z11002AA
J&N: 410-14053 **Motorcraft:** SA882 - SA958 **Napa:** 44-9294 **RCP:** ST-882
Romaine: 416652 - 6652N **W.A.I.:** 22019FD **Worldwide:** 28711 - 97143

APLICAÇÃO / APLICACIÓN / APPLICATION

Ford: Thunderbird 3.9L (241) V8 2002-2004.
Lincoln: LS 3.9L (241) V8 2000-2004.

10048



T10 | CW | L23.5 | G40.8 | SPL18

ORIGINAL

Lester: 17622

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

10049



T9 | CW | L25.2 | G29.64 | SPL18

ORIGINAL

Nippondenso: 028300-5430 - 028300-8100 - 028300-8550 - 028300-8600

MOTOR

Nippondenso: 128000-7080 - 128000-7460 - 228000-0810 - 228000-2050 - 228000-2260 - 228000-3990 - 228000-5040 - 228000-6421 - 228000-7200

APLICAÇÃO / APLICACIÓN / APPLICATION

12609



T11 | CW | L23.5 | G41.99 | SPL18

ORIGINAL

Nippondenso: 0280995590 - 0280996011 - 0280996550 - 0280996590 - 0280998590 - 0283711980 - 0283716190
Toyota: 2801174011 - 2801174060

MOTOR

Nippondenso: 0280006250 - 0280007830 - 1280000070 - 1280000140 - 1280001470 - 1280003471 - 1280003472 - 1280003482 - 1280005590 - 1280005942 - 1280005952 - 2280001000 - 2280001040 - 2280003330

APLICAÇÃO / APLICACIÓN / APPLICATION

Lexus

Toyota: Avensis 2.0. Camry 1.8, 2.0, 2.2, 2.5 V6, 3.0 V6. Carina II 2.0i. Celica 2.0 GT, GTI 16 V. Celica 2.0 Turbo. Picnic 2.0. R-2 GT-Turbo 2.0. RAV-4 2.0.

12619



T13 | CCW | L17 | G40.8 | SPL20

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Mazda: Mazda B2600 modelo 1996/2002.
Nissan-Datsun: Nissan Pathfinder modelo 1998/2002.

12620

T9 | CW | L19 | G29.64 | SPL18

ORIGINAL

MOTOR

Mazda: G60118400

APLICAÇÃO / APLICACIÓN / APPLICATION

Mazda: Mazda B2600 modelo 1996/2002.
Nissan-Datsun: Nissan Pathfinder modelo 1998/2002.**12656**

T9 | CW | L18.2 | G35.5

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

12657

T11 | CW | L23 | G41 | SPL20

ORIGINAL

Mitsubishi: M605X64571

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Mitsubishi Fuso.**12658**

T9 | CW | L17.7 | G35.5 | SPL20

ORIGINAL

Mitsubishi
M605X31971

MOTOR

Mitsubishi: M2T57871 - M2T57881 - M2T61771 - M2T66872 - M2T66873 - M2T67871 - M2T67872 - M2T67873 - M2T67881
M2T67882 - M2T67883

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Mitsubishi Canter.

12659



T9 | CW | L17.7 | G35.5 | SPL20

ORIGINAL

Mitsubishi: M605X31971

MOTOR

Mitsubishi: M2T57871 - M2T57881 - M2T61771 - M2T66872 - M2T66873 - M2T67871 - M2T67872 - M2T67881 - M2T67882 - M2T67883

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Mitsubishi Canter.

12660



T10 | CW | L18.2 | G38.8 | SPL20

ORIGINAL

Mitsubishi: M605X27971 - M605X36171
Onan: 1911443

MOTOR

Mitsubishi: M2T56071 - M2T62271 - M2T65771 - M2T66271 - M2T66272 - M2T74371

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: Mitsubishi Canter.

12812



T10 | CW | L20.2 | G32.6 | SPL20

ORIGINAL

Mitsubishi: M605X65171 - MD607789

MOTOR

Mitsubishi: M2T56181 - M2T56182 - M2T56185 - MD164976 - 232415 - M2T55271 - M2T56271 - M2T56471 - M2T62971 - M2T65271 - MD069166 - MD070934 - MD084414 - MD164975 - M2T57771 - M2T74171

APLICAÇÃO / APLICACIÓN / APPLICATION

Mitsubishi: E2500 Diesel XA. E3000. Fuso Canter 4DRS 1984 - 88, 3600, 33, 4D30, 31, 32, 1998, 20, 30, 35, 4d31T, 1987. L200. Light Bus HA. Wheel Loader S4E.
Nissan - Datsun: Forklifts.
ZEN: Aplicado no 1046 e 1047.

12839



T12 | CW | L23.2 | G44.9 | SPL19

ORIGINAL

Bosch: 6033AC5149 - 6033AC5246
DAF: 1699235
Man: 51262090008

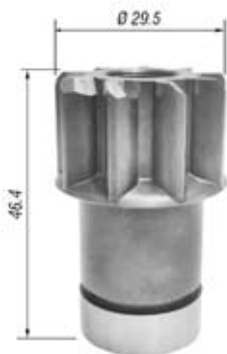
MOTOR

Bosch: 0001241001 - 0001241003 - 0001241004 - 0001241005 - 0001241006 - 0001241007 - 0001241014 - 0001241015 - 0001241019 - 0001241020 - 2339402220
DAF: 1658730

APLICAÇÃO / APLICACIÓN / APPLICATION

Scania: Scania série 4.
ZEN: Utilizado no impulsor ZEN 1658.

12913



T9 | CW | L46.4 | G29.5

ORIGINAL

MOTOR

APLICAÇÃO / APLICACIÓN / APPLICATION

Honda: Fit, Jazz.



POLIAS DE RODA LIVRE
POLEA DE ALTERNADOR CON SISTEMA DE RUEDA LIVRE
CLUTCH PULLEY FREE WHEEL SYSTEM



IMPULSORES DE PARTIDA
IMPULSORES DE ARRANQUE
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