

# CATÁLOGO

# 2020

Catalogue • Catálogo



## POLIAS DE RODA LIVRE E POLIAS DE RODA LIVRE COM AMORTECIMENTO

*Clutch Pulleys and Decoupler Pulleys*

*Poleas Rueda Libre y Rueda Libre  
com Amortiguamiento*





Sediada em Brusque, Santa Catarina, a ZEN S.A., opera no setor automotivo desde 1960 e é uma importante indústria de peças originais e de reposição para o mercado global. Com exportações diretas para mais de 60 países, a empresa é uma das maiores fabricantes de impulsores do mundo. Dentre suas linhas de produtos também estão polias de alternador, tensores de correia, kits de distribuição, mancais, planetárias e outros conformados a frio e a morno.

*Headquartered in Brusque, Santa Catarina, ZEN S.A. operates in the automotive sector since 1960 and is an important industry of original and aftermarket parts for the global market. With direct exports to more than 60 countries, the company is one of the largest manufacturers of starter drives in the world. Among its product lines are also alternator pulleys, belt tensioners, distribution kits, housings, planetary gears and other cold or warm forged products.*

*Con sede en Brusque, Santa Catarina, ZEN S.A., opera en el sector automovilístico desde 1960 y es una importante industria de piezas originales y de repuesto para el mercado global. Con exportaciones directas para más de 60 países, la empresa es una de las fabricantes más grandes de impulsores de arranque del mundo. Entre sus líneas de productos también están poleas de alternador, tensores de correa, kits de distribución, tapas, planetarias y otros conformados a frío y tibio.*



#### MISSÃO MISSION / MISIÓN

Desenvolver, produzir e fornecer componentes e sistemas para veículos automotores, para os segmentos original e reposição, com geração de valor para o negócio, clientes e sociedade.

*To develop, produce and supply components and systems for automotive vehicles in the original equipment and aftermarket segments, generating value for the business, customers and society.*

*Desarrollar, producir y suministrar componentes y sistemas para vehículos automotores, para los segmentos original y de reemplazo, con generación de valor para el negocio, los clientes y la sociedad.*

#### VISÃO VISION / VISIÓN

Ser instrumento para o progresso sustentável que conquiste a preferência de nossos clientes e o orgulho da nossa equipe, através da inovação, qualidade e excelência operacional.

*Being an Instrument for the sustainable progress in order to win our customers' preference and our team's pride, through innovation, quality and operational excellence.*

*Ser un instrumento para el progreso sostenible, con el objetivo de conquistar la preferéncia de nuestros clientes y el orgullo de nuestro equipo, a través de la innovación, la calidad y la exceléncia operacional.*

#### VALORES VALUES / VALORES

COMPROMETIMENTO • SINCERIDADE • INTEGRIDADE  
SENSE DE URGÊNCIA • ESPÍRITO EMPREENDEDOR

*Commitment • Candor • Integrity • Sense of Urgency • Entrepreneurship  
Compromiso • Sinceridad • Integridad • Sentido de Urgencia • Espiritu emprendedor*

# LINHA MECÂNICA ZEN

ZEN MECHANICAL LINE | LÍNEA MECÁNICA ZEN

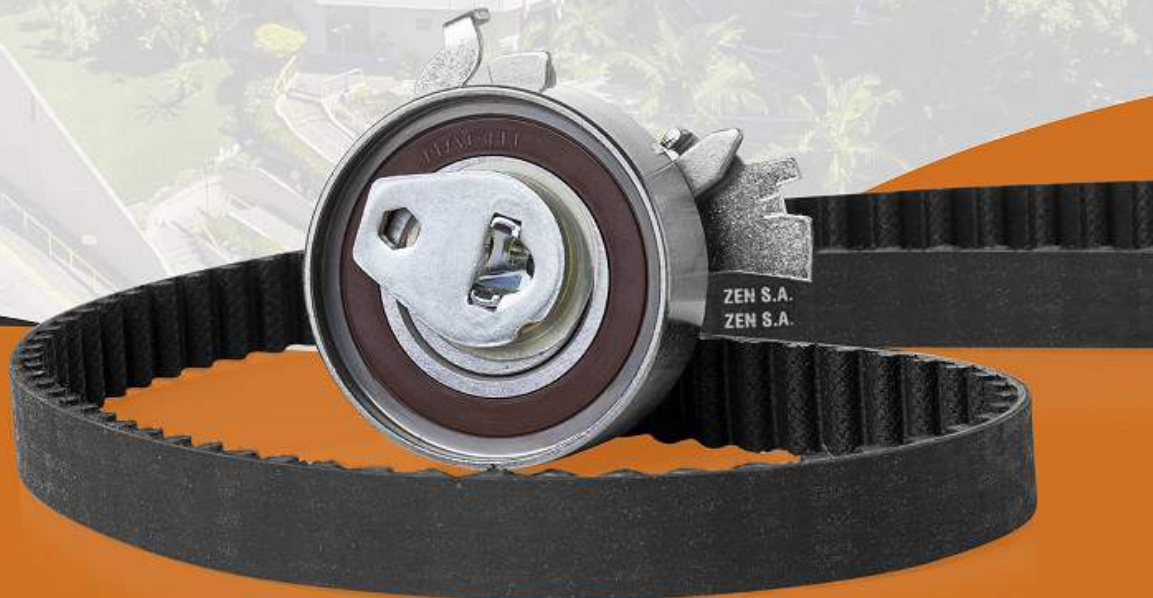
## Feita para sua oficina.

*Made for your shop. | Hecha para su taller.*

**A qualidade que você conhece, com os  
melhores rolamentos e correias do mercado.**

*The quality you know, with the best bearings and belts in the market.*

*La calidad que usted conoce, con los mejores rodamientos y correas del mercado.*



ZEN S.A.  
ZEN S.A.



## ÍNDICE GERAL

### GENERAL INDEX/ ÍNDICE GENERAL

<b>Pesquisa por Número ZEN</b>	
Search by ZEN P/N# • Búsqueda por Número ZEN	05
.....	
<b>Pesquisa por Aplicação em Veículo</b>	
Search by Vehicle Application • Búsqueda por Aplicación del Vehículo	07
.....	
<b>Conversão para o Número ZEN</b>	
Conversion into ZEN number • Conversión para el Número ZEN	35
.....	
<b>Pesquisa por Número do Alternador para Número ZEN</b>	
Convert Alternator Number into ZEN P/N#	
Búsqueda por Número del Alternador para Número ZEN	50
.....	
<b>Produtos</b>	
Products • Productos	71
.....	
<b>Informações dos produtos</b>	
Product Information • Informaciones sobre el Producto	91
.....	

**R - Nº de filetes**  
Nº Ribs • Nº Ranuras

**W - Largura (mm)**  
Width • Ancho

**RD - Ø Filetes (mm)**  
Ribs • Ranuras

**Z - Distância 1º Filete (mm)**  
Distance 1º rib • Distancia 1º ranura

**ID - Ø Rebaixo (mm)**  
Rabbit Inner • Rebaje

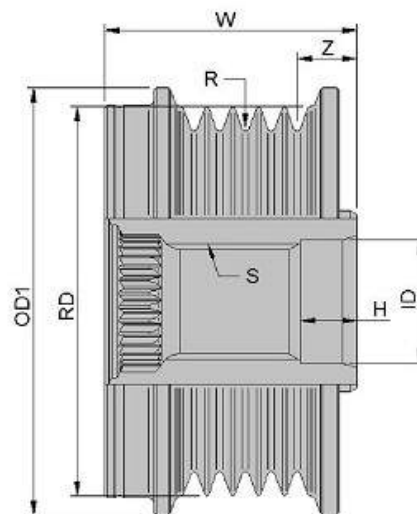
**OD1 - Ø Externo 1 (mm)**  
External 1

**S - Rosca**  
Thread

**H - Altura do Rebaixo (mm)**  
Rabbit Height • Altura de rebaje

**CCW - Rotação Anti-Horária**  
Counterclockwise  
Rotación antihoraria

**CW - Rotação Horária**  
Clockwise  
Rotación horaria



Número ZEN	Página
Polia Roda Livre (OAP)	
Clutch Pulley (OAP)	
Polea Rueda Libre (OAP)	
5374	71
5375	71
5376	71
5377	71
5378	71
5379	71
5380	71
5381	71
5382	71
5383	71
5384	71
5385	71
5387	71
5388	71
5389	71
5390	71
5392	72
5393	72
5395	72
5396	72
5403	72
5406	72
5408	72
5409	72
5410	72
5411	72
5419	72
5422	72
5423	72
5424	72
5425	72
5426	72
5428	73
5429	73
5431	73
5432	73
5435	73
5437	73
5438	73
5440	73
5445	73
5446	73
5448	73
5449	73
5450	73
5452	73
5453	73
5454	73
5455	74
5456	74
5457	74
5458	74
5459	74

Número ZEN	Página
5460	74
5461	74
5462	74
5463	74
5464	74
5466	74
5467	74
5468	74
5492	74
5493	74
5494	74
5495	75
5496	75
5497	75
5498	75
5499	75
5500	75
5501	75
5502	75
5503	75
5504	75
5505	75
5506	75
5507	75
5508	75
5509	75
5510	75
5511	76
5512	76
5513	76
5514	76
5515	76
5516	76
5518	76
5519	76
5520	76
5521	76
5522	76
5523	76
5524	76
5525	76
5526	76
5527	76
5528	77
5529	77
5530	77
5532	77
5533	77
5534	77
5535	77
5536	77
5559	77
5560	77
5561	77
5562	77
5563	77

Número ZEN	Página
5564	77
5565	77
5566	77
5567	78
5569	78
5570	78
5571	78
5572	78
5573	78
5574	78
5575	78
5576	78
5578	78
5580	78
5581	78
5582	78
5583	78
5584	78
5585	78
5586	79
5587	79
5588	79
5589	79
5590	79
5591	79
5592	79
5593	79
5594	79
5595	79
5596	79
5597	79
5598	79
5599	79
5601	79
5602	79
5603	80
5604	80
5605	80
5607	80
5608	80
5609	80
5610	80
5611	80
5612	80
5613	80
5614	80
5622	80
5623	80
5624	80
5625	80
5626	80
5627	81
5628	81
5629	81
5630	81
5631	81

Número ZEN	Página
5632	81
5633	81
5634	81
5635	81
5638	81
5640	81
5641	81
5642	81
5643	81
5644	81
5645	81
5646	82
5647	82
5648	82
5649	82
5650	82
5651	82
5652	82
5653	82
5654	82
5655	82
5656	82
5657	82
5658	82
5659	82
5660	82
5661	82
5662	83
5663	83
5664	83
5667	83
5668	83
5670	83
5673	83
5674	83
5675	83
5676	83
5677	83
5678	83
5679	83
5680	83
5681	83
5682	83
5683	84
5684	84
5685	84
5686	84
5687	84
5688	84
5690	84
5691	84
5694	84
5695	84
5697	84
5704	84
5705	84

Número ZEN	Página
5706	84
5707	84
5708	84
5709	85
5710	85
5711	85
5712	85
5713	85
5714	85
5715	85
5716	85
5717	85
5718	85
5720	85
5721	85
5722	85
5724	85
5726	85
5727	85
5728	86
5729	86
5730	86
5731	86
5732	86
5733	86
5735	86
5736	86
5737	86
5738	86
5739	86
5740	86
5741	86
5742	86
5743	86
5745	86
5761	87
5762	87
5763	87
5765	87
5766	87
5767	87
Polia Roda Livre Com Amort. Z VIB	
Decoupler Pulley Z VIB	
Polea Z VIB	
6001	88
6002	88
6003	88
6004	88
6005	88
6006	88
6007	88
6009	88
6010	88
6011	88
6012	88
6013	88

Número ZEN	Página
6014	88
6015	88
6018	88
6026	88
6027	89
Componente	
Component	
Componente	
5600	90
12623	90

Alfa Romeo	Nº ZEN	Pg.
145 (930) 1.4 i.e.	5576	78
145 (930) 1.9 JTD	5576	78
145 (930)	5642	81
146 (930) 1.9 JTD	5576	78
146 (930)	5642	81
147 (937) 1.9 JTD	5576	78
147 (937) 1.9 JTD 16V, 1.9 JTDM 16V, 1.9 JTDM 8V	5576	78
147 (937) 1.9 JTD, 1.9 JTDM 16V	5576	78
147 (937) 1.9 JTDM 16V	5576	78
156 2.4 JTD (932B1)	5560	77
156 (932) 1.9 D (93kW)	5576	78
156 (932) 1.9 D, 1.9 JTD 16V	5576	78
156 (932) 1.9 D, 1.9 JTD, 1.9 JTD 16V Q4	5576	78
156 (932) 1.9 JTD (77kW), 2.4 JTD (100kW)	5576	78
156 (932) 1.9 JTD (81kW)	5576	78
156 (932) 1.9 JTD (85kW)	5576	78
156 (932) 2.4 D, 2.4 JTD (120-129kW)	5576	78
156 (932) 2.4 JTD (100-103kW)	5576	78
156 (932) 2.4 JTD (110kW)	5576	78
156 (932)	5642	81
156 Sportwagon (932)	5642	81
156, 156 Sportwagon (932) 1.9 JTD (932B2B)	5379	71
159 2.4 JTDM, 2.4 JTDM Q4	5496	75
159 1.9 JTDM 16V, 1.9 JTDM 8V	5528	77
159 2.0 JTDM	5528	77
159 1.9 JTDM 16V, 1.9 JTDM 8V (85-110kW)	5576	78
159 1.8 Tbi	5603	80
159 1.9 JTDM 8/16 V	5627	81
159 1.8 MPI	5678	83
159 (939) 1.9 JTS	5508	75
159 (939) 2.2 JTS	5508	75
159 Sportwagon (939) 1.9 JTS	5508	75
159 Sportwagon (939) 2.2 JTS	5508	75
159 SW 1.9 JTDM	5627	81
166 (936) 2.4 JTD (100kW)	5576	78
166 (936) 2.4 JTD (103-136kW)	5576	78
Brera 2.4 JTDM 20V	5496	75
Brera 2.2 JTS	5508	75
Brera 2.0 JTDM	5528	77
Brera 1.8 Tbi	5603	80
Giulietta 1.8 Tbi	5603	80
Giulietta	5730	86
GT (937C) 1.9 JTD	5576	78
GT 1.9 JTD	5576	78
Mito 1.3 JTDM	5440	73
Mito 1.6 JTDM	5528	77
Mito (955)	5706	84
Mito	6009	88
Mito	6011	88
Spider 2.4 JTDM	5496	75
Spider 2.2 JTS	5508	75
Spider 2.0 JTDM	5528	77
Spider 1.8 Tbi	5603	80

Audi	Nº ZEN	Pg.
A1 1.6, 2.0	5378	71
A1 1.2 TFSI	5493	74

Audi	Nº ZEN	Pg.
A1	5729	86
A1	6014	88
A2 1.4 TDi	5378	71
A3 1.6, 1.8, 1.9, 2.0	5378	71
A3 1.6TDI	5378	71
A3 1.9TDI	5378	71
A3 2.0FSI, 2.0T FSI	5378	71
A3 3.2, 2.0TDI	5378	71
A3 S3	5378	71
A3 1.6 (74kW)	5383	71
A3 1.6 (75kW)	5383	71
A3 1.8 (92kW)	5383	71
A3 1.8 T, 1.8 T quattro (110kW)	5383	71
A3 1.9 TDI (66kW)	5383	71
A3 1.9 TDI (81kW)	5383	71
A3 1.8 TSFI, 2.0 TFSI, Sportback	5448	73
A3 (8P1, 8PA) 1.2 TSI	5493	74
A3 (8P1, 8PA) 1.4 TFSI	5493	74
A3 1.2 TSI	5493	74
A3 1.6, 2.0 TDI	5514	76
A3 3.2 Sportback quattro	5514	76
A3	5729	86
A3	6014	88
A3 Sportback (8PA) RS3 quattro	5385	71
A4 1.6 (8D2,8D5,B5) (74kW)	5376	71
A4 1.6 (8D2,8D5,B5) (75kW)	5376	71
A4 1.8 (8D2,8D5,B5) (85-92kW)	5376	71
A4 1.8T (8D2,8D5,B5) (110kW)	5376	71
A4 1.8T (8D2,8D5,B5) (132kW)	5376	71
A4 1.9, 1.9TDI, 2TDI, 2.0TDI	5378	71
A4 1.6 (8D2,8D5,B5) (74kW)	5380	71
A4 1.6 (8D2,8D5,B5) (75kW)	5380	71
A4 1.6 Avant (8D2,8D5,B5) (74kW)	5380	71
A4 1.8, 1.8T (8D2,8D5,B5) (85-92k/110W)	5380	71
A4 1.8T (8D2,8D5,B5) (132W)	5380	71
A4 1.9 DUO (8D2,8D5,B5) (66W)	5380	71
A4 1.9 TDI (8D2,8D5,B5) (55W) (Alt. 90/120A)	5380	71
A4 1.9 TDI (8D2,8D5,B5) (66W)	5380	71
A4 1.9 TDI (8D2,8D5,B5) (81W)	5380	71
A4 1.9 TDI (8D2,8D5,B5) (85W)	5380	71
A4 1.9 TDI (8E2,8E5,B6) (74W)	5380	71
A4 1.9 TDI (8E2,8E5,B6) (85W)	5380	71
A4 1.9 TDI (8E2,8E5,B6) (96W)	5380	71
A4 1.9 TDI (8EC,8ED) (85W)	5380	71
A4 1.9 DUO	5382	71
A4 1.9 TDI (66kW)	5382	71
A4 1.9 TDI (81kW)	5382	71
A4 1.9 TDI (85kW)	5382	71
A4 1.9 TDI (8D2,8D5,B5) (55kW) (Alt. 70A)	5382	71
A4 1.6, 1.8T, 2, 2.0 FSI, 2.0 TSFI Avant	5448	73
A4 2.0 TDI quattro, Coupé, Sportback	5514	76
A4 (8K2,B8) 2.7 TDI, 3.0 TDI quattro	5595	79
A4 (8K5, B8) 2.7 TDI, 3.0 TDI quattro	5595	79
A4 (8K2, B8) - 3.0 TFSI quattro	5602	79
A4 (8K2, B8) - 3.2 FSI	5602	79
A4 (8K2, B8) - 3.2 FSI quattro	5602	79
A4 (8K2, B8) - S4 quattro	5602	79

Audi	Nº ZEN	Pg.
A4 3.2 FSI (8K5)	5602	79
A4 3.2 FSI (8KS)	5602	79
A4	5697	84
A4 Quattro V6 3.2L 3123cc	5718	85
A4	5729	86
A4	6014	88
A4 (8D2, B5)	5632	81
A4 (8E2, B6)	5632	81
A4 (8EC, B7)	5631	81
A4 (8EC, B7)	5632	81
A4 Allroad	6014	88
A4 Allroad Estate (8KH,B8) 3.0 TDI quattro	5595	79
A4 Avant (8K5, B8) - 3.0 TFSI quattro	5602	79
A4 Avant (8K5, B8) - 3.2 FSI	5602	79
A4 Avant (8K5, B8) - 3.2 FSI quattro	5602	79
A4 Avant (8K5, B8) - S4 quattro	5602	79
A4 Avant	6014	88
A4 Avant (8D5, B5)	5632	81
A4 Avant (8E5, B6)	5632	81
A4 Avant (8ED, B7)	5631	81
A4 Avant (8ED, B7)	5632	81
A4 Cabriolet (8H7, B6, 8HE, B7)	5631	81
A4 Convertible (8H7, B6, 8HE, B7)	5632	81
A4 S4 (8KS, 8K5)	5602	79
A5 2.0 TDI Cabriolet, Sportback	5514	76
A5 (8T3) 2.7 TDI, 3.0 TDI quattro	5595	79
A5 (8T3, 8TA) 3.0 TDI, 3.0 TDI quattro	5595	79
A5 (8TA,8F7) 2.7 TDI, 3.0 TDI quattro	5595	79
A5 (8T3) - 3.0 TFSI quattro	5602	79
A5 (8T3) - 3.2 FSI, 3.2 FSI quattro	5602	79
A5 (8T3) - S5 quattro	5602	79
A5	5697	84
A5 Quattro V6 3.2L 3123cc	5718	85
A5	5729	86
A5	6014	88
A6 1.8 (4B,C5) (85kW)	5376	71
A6 1.8 (4B,C5) (92kW)	5376	71
A6 1.8, 1.8 Turbo (92-110kW)	5376	71
A6 1.8T (4B,C5) (110kW)	5376	71
A6 1.8T (4B,C5) (132kW)	5376	71
A6 2.0 TDI	5378	71
A6 (4B,C5) 1.8 T	5380	71
A6 (4B,C5) 1.9 TDI (81kW)	5380	71
A6 (4B,C5) 1.9 TDI (85kW)	5380	71
A6 (4B,C5) 1.9 TDI (96kW)	5380	71
A6 1.9 TDI	5382	71
A6 (4B,C5) 1.8	5387	71
A6 (4B,C5) 1.8 T	5387	71
A6 2.0 TDI, Avant	5514	76
A6 (4G2,C7) 3.0 TDI, 3.0 TDI quattro	5595	79
A6 2.8 FSI (154kW)	5605	80
A6 2.8 FSI quattro (154kW)	5605	80
A6 2.8 FSI, 2.8 FSI quattro (140kW)	5605	80
A6 2.8 FSI, 2.8 FSI quattro (162kW)	5605	80
A6 2.8 FSI, 3.0 TFSI quattro (162-213kW)	5605	80
A6 3.0 TFSI quattro (220kW)	5605	80
A6 3.2 FSI , 3.2 FSI quattro (188kW)	5605	80

Audi	Nº ZEN	Pg.
A6	5697	84
A6 (4G2, 4GC, C7)	5739	86
A6 Allroad (4GH, 4GJ)	5739	86
A6 Avant (4G5, 4GD, C7)	5739	86
A6	6014	88
A6 (4B2, C5)	5632	81
A6 (4F2, C6)	5631	81
A6 2 2.0 TSFI , Avant 2.0	5448	73
A6 Avant (4F2,4F5,C6) 2.7 TDI, 2.7 TDI quattro, 3.0 TDI quattro	5595	79
A6 Avant (4G5) 3.0 TDI, 3.0 TDI quattro	5595	79
A6 Avant 2.8 FSI (140kW)	5605	80
A6 Avant	6014	88
A6 Avant (4B5, C5)	5632	81
A6 Avant (4F5, C6)	5631	81
A7 Sportback (4GA, 4GF)	5739	86
A7 Sportback (4GA) 3.0 TDI, 3.0 TDI quattro	5595	79
A7 Sportback	6014	88
A8 2.8, 2.8 Quattro (4D2,4D8) (142kW)	5446	73
A8 (4E) 3.2 FSI, 3.2 FSI quattro, 4.2 TDI quattro	5595	79
A8 (4H) 3.0 TDI	5595	79
A8 (4H) 3.0 TDI quattro	5595	79
Avant, Cabrio, (T) FSI, Quattro 2.0	5448	73
Avant, Cabrio, Quattro 1.8T	5448	73
Q2	5729	86
Q3 2.0 TDI	5378	71
Q3	5729	86
Q3	6014	88
Q3 (8U) RS 2.5 quattro	5385	71
Q5 2.0 TDI	5514	76
Q5 (8R) 3.0 TDI	5595	79
Q5 3.2 FSI	5602	79
Q5	5697	84
Q5 V6 3.2L 3123cc	5718	85
Q5	6014	88
Q7 (4L) 3.0 TDI (165kW)	5595	79
Q7 (4L) 3.0 TDI (176kW)	5595	79
Q7 (4L) 3.0 TDI (180kW)	5595	79
Q7 (4L) 4.2 TDI (240kW)	5595	79
Q7 (4L) 6.0 TDI (368kW)	5595	79
Q7 (4L)3.6 FSI	5649	82
TT 1.8 T, 3.2 VR6	5378	71
TT 1.8 T, Quattro TFSI	5378	71
TT 2.0 TDI	5378	71
TT 2.0 TFSI	5378	71
TT 2.0, 2.0 TFSI	5378	71
TT 3.2 V6	5378	71
TT 1.8 TFSI, 2.0 TFSI, 2.0 TFSI quattro	5448	73
TT 3.2 V6	5514	76
TT (8J3) 2.5 TFSI RS quattro	5385	71
TT Roadster (8J9) 2.5 TFSI RS quattro	5385	71

BMW	Nº ZEN	Pg.
1 (E81)	5633	81
1 (E87)	5633	81
1 (F20)	5635	81
1 (F21)	5635	81



BMW	Nº ZEN	Pg.
1 Convertible (E88)	5633	81
1 Coupe (E82)	5633	81
1 séries 130i	5410	72
116i,118i, 120i (E87) (alt. 150A)	5458	74
116i,118i, 120i (E87) (alt. 110A)	5456	74
118i (E87) (alt. 150A)	5458	74
118i, 120i (E88) (105-125kW)	5456	74
120i, 125i (E88)	5458	74
125i	5458	74
130i	5458	74
2 Coupe (F22)	5635	81
3 2.0 (E92)	5456	74
3	6009	88
3 (E90)	5633	81
3 (F30, F35, F80)	5635	81
3 Convertible (E93)	5633	81
3 Coupe (E92)	5633	81
3 Gran Turismo (F34)	5635	81
3 series 2.0 (alt.1231 7 516 099)	5456	74
3 series 2.0 (alt. 1231 7 516 103)	5458	74
3 Séries 2.0 (alt.1231 7 536 960/1231 7 550 001)	5410	72
3 séries 316i, 316ti	5410	72
3 séries 318Ci, 318i, 318ti	5410	72
3 séries 325i, 325xi, 330i, 330xi, 318d, 320d	5410	72
3 Touring	6009	88
3 Touring (E91)	5633	81
3 Touring (F31)	5635	81
316Ci, 316i (E88)	5456	74
316Ci, 318Ci Coupe (E46)	5456	74
316Ci, 318Ci Touring (E46)	5456	74
316i (E90)	5456	74
316i, 316 ti (E88)	5456	74
316i,318i, 320i,323i, 325i, 330i, 325xi, 330xi, 320si (E90) Saloon	5458	74
316ti, 318ti Compact (E46)	5458	74
316ti, 318ti Compact (E46) (alt. 110A)	5456	74
316ti, 318ti Touring (E46)	5458	74
318Ci (E88) (110kW)	5456	74
318Ci Convertible (E46)	5456	74
318Ci, 318i, 318ti (E88) (105kW)	5456	74
318d	6009	88
318i (E90) (105kW)	5456	74
318i (E90) (95kW)	5456	74
320d	6009	88
320i (E90)	5456	74
4 Convertible (F33, F83)	5635	81
4 Coupe (F32, F82)	5635	81
5 (E60)	5633	81
5 (F10, F18)	5635	81
5 séries 523i, 525i, 525xi, 530i, 530xi	5410	72
5 Touring (E61)	5633	81
5 Touring (F11)	5635	81
520i (E60/E61)	5456	74
520Li 2.0L N20B20D N20B20B Turbo	5709	85
520Li 2.5L N52B25AF Non Turbo	5709	85
523i N52B25 150kW 204HP 2497cc 2.5L	5709	85
523i N53B30A 150kW 204HP 2996cc 3.0L	5709	85

BMW	Nº ZEN	Pg.
523i Touring N52B25A 150kW 204HP 2497cc 2.5L	5709	85
523i Touring N53B30A 150kW 204HP 2996cc 3.0L	5709	85
523i Touring N53B30A 190kW 258HP 2996cc 3.0L	5709	85
523i, 525i, 530i, 525xi, 530xi (E61) Touring	5458	74
523Li 2.5L N52B25AF Non Turbo	5709	85
528i L6 3.0L 2996cc	5709	85
528i N53B30A 150kW 204HP 2996cc 3.0L	5709	85
528i N53B30A 190kW 258HP 2996cc 3.0L	5709	85
528Li 3.0L N52B30AF Non Turbo	5709	85
530i N53B30A 200kW 272HP 2996cc 3.0L	5709	85
530i Touring N53B30A 200kW 272HP 2996cc 3.0L	5709	85
530Li 3.0L N52B30AF Non Turbo	5709	85
6 séries 630i	5410	72
630i, 630i Convertible (E63/E64)	5458	74
7 Séries 730 i,Li	5410	72
730 i,Li 3.0 (E65/E66)	5458	74
730i N52B30 190kW 258HP 2996cc 3.0L	5709	85
730iL N52B30 190kW 258HP 2996cc 3.0L	5709	85
Gran Coupe (F36)	5635	81
Motorcycle 1100 ccm, K25, K26, K27, K28	5737	86
X1 (E84)	5635	81
X3 Drive N52B30A 190kW 258HP 2996cc 3.0L	5709	85
X3 L6 3.0L 2996cc	5709	85
X3 (E83) 2.0i	5458	74
X3 (E83) 2.5si, 3.0si	5458	74
X3 (F25)	5635	81
X5 3.0 si (E70)	5458	74
X5 (E70)	5633	81
Z4 2.0i	5410	72
Z4 2.0i (E85)	5456	74
Z4 (E85) 2.0i (110kW)	5458	74
Z4 (E85) 2.5i, 2.5Si, 3.0Si (130-195kW)	5458	74
Z4 (E89)	5635	81

Buick	Nº ZEN	Pg.
Allure Stufenheck 3.6 LY7, (179kW)	5691	84
La Crosse Stufenheck 3.6 LLT, (209kW)	5691	84
LaCrosse	5680	83

BYD	Nº ZEN	Pg.
M6 MPV	5722	85

Case	Nº ZEN	Pg.
MXU100, MXU110 4-274 Diesel	5506	75
MXU115, MXU 135 6-411 Diesel	5506	75
MXU125 6-411 Diesel	5506	75

Chrysler	Nº ZEN	Pg.
200 2.4	5507	75
200 2.4	6004	88
300 V6 3.6L	5690	84
Cirrus	6004	88
Delta	5730	86
Pacifica 3.8	5428	73
Pacifica 3.8L V6 - Gas	5520	76
Pacifica	6006	88
Pacifica	6015	88
PT Cruiser (PT) - 2.2 CRD	5395	72

Chrysler	Nº ZEN	Pg.
Sebring 2.4	5507	75
Sebring 2.4	6004	88
Town	6006	88
Town e Country 3.3, 3.8	5428	73
Voyager 2.5TD	5390	71
Voyager	6006	88
Voyager II (GS) 3.8i	5428	73
Voyager III (RG) 3.3, 3.8	5428	73
Voyager III 2.5 CRD, 2.5 TD	5559	77
Voyager III 2.8 CRD	5559	77
Voyager IV (RG,RS) 2.5 CRD (105kW)	5559	77
Voyager IV (RG,RS) 2.5 CRD (88kW)	5559	77
Voyager IV (RG,RS) 2.8 CRD (110kW)	5559	77

Citroën	Nº ZEN	Pg.
Berlingo 2.0 HDi, 2.0 HDi 90	5396	72
Berlingo 2.0 HDi	5437	73
Berlingo 1.6, 1.6 HDi (55-80kW)	5450	73
Berlingo 1.6 HDi (55kW)	5453	73
Berlingo 1.6 HDi (80kW)	5453	73
Berlingo 1.6 HDi 75,90,110	5453	73
Berlingo 1.9 D (51kW)	5453	73
Berlingo 1.6	5587	79
Berlingo 1.6 Hdi	5629	81
Berlingo 1.6 Hdi 75	5629	81
Berlingo 1.6 Hdi 90	5629	81
Berlingo 1.6 HDi 110 75 90	5675	83
Berlingo 1.9 D 4WD	5675	83
Berlingo 2.0 HDi 4x4	5675	83
Berlingo 1.6 HDi 110 75 90	5678	83
Berlingo (B9)	5643	81
Berlingo Box (B9)	5643	81
C-Crosser 2.2 Hdi	5586	79
C-Crosser 2.4 16V	5612	80
C-Crosser Enterprise 2.2 Hdi	5586	79
C1	5742	86
C2 1.6 HDi	5450	73
C2 1.4 HDi (50kW)	5453	73
C2 1.6 Hdi (80kW)	5453	73
C2 1.4 HDi	5629	81
C2 1.6 HDi	5629	81
C3 1.4, 1.6 16V HDi	5450	73
C3 1.6 16V Hdi, 1.6 Hdi (66kW)	5450	73
C3 1.6 Hdi (80kW)	5450	73
C3 1.4 Hdi, 1.4 16V HDi (50-66kW)	5453	73
C3 1.6 16V Hdi (80kW)	5453	73
C3 1.6 16V Hdi, 1.6 Hdi (66kW)	5453	73
C3 1.6 Hdi (68kW)	5453	73
C3 1.6 Hdi (80kW)	5453	73
C3 1.6 Hdi (82kW)	5453	73
C3 1.4 (54kW)	5565	77
C3 1.4, 1.4 16V, 1.6 (70-80kW)	5565	77
C3 1.6 (88kW)	5565	77
C3 1.4 (54kW)	5587	79
C3 1.4 16V, 1.4 i (54-65kW)	5587	79
C3 1.4, 1.4 16V, 1.6 (70-80kW)	5587	79
C3 1.6 (88kW)	5587	79

Citroën	Nº ZEN	Pg.
C3 1.6 16V (80kW)	5587	79
C3 1.4 HDi 16V, 1.4 HDi	5629	81
C3 1.6 16V HDi, 1.6 HDi	5629	81
C3 1.6 HDi	5629	81
C3 1.4 16V HDi	5675	83
C3 II	5655	82
C3 Picasso 1.6 HDi, 90, 110	5450	73
C3 Pluriel 1.4 HDi	5450	73
C4 1.6 HDi 90, 1.6 HDi 110 FAP, 1.6 HDi 110FAP	5450	73
C4 1.6 HDi 90, 1.6 HDi 110 FAP, 1.6 HDi 110FAP (66-80kW)	5453	73
C4 2.0 HDi (110kW)	5453	73
C4 2.0 HDi 135 FAP (100kW)	5453	73
C4 1.6 THP 140/150	5565	77
C4 1.6 VTi 120	5565	77
C4 1.4 16V, 1.6 16V, 1.6 16V Bio-Flex (65-80kW)	5587	79
C4 1.6 16V, 1.6 THP 150 (110kW)	5587	79
C4 1.6 THP 140 (103kW)	5587	79
C4 1.6 VTi 120 (88kW)	5587	79
C4 1.6 HDi 90, 1.6 HDi 110 FAP	5629	81
C4 Aircross	5662	83
C4 Coupe (LA)	5643	81
C4 Grand Picasso I (UA)	5643	81
C4 I (LC)	5643	81
C4 II (B7)	5643	81
C4 Picasso I (UD)	5643	81
C5 2.0 Hdi	5437	73
C5 2.2 Hdi	5437	73
C5 1.6 Hdi	5450	73
C5 2.0 Hdi	5450	73
C5 2.0 Hdi (66-80kW)	5450	73
C5 2.2 Hdi	5450	73
C5 1.6 Hdi (80kW) 9HY	5453	73
C5 1.6 Hdi, 2.0 Hdi, 2.2 HDi (80-125kW) 9HZ	5453	73
C5 2.7 HDi	5561	77
C5 1.6 16V	5565	77
C5 1.6 16V (115kW)	5587	79
C5 1.6 HDi	5629	81
C5	6010	88
C5 III (RD)	5643	81
C5 III Break (TD)	5643	81
C6 2.2 HDi 173 FAP	5453	73
C6 2.7 HDi 205 FAP ano 09.05-	5561	77
C6 (TD_) 2.2 HDi	5678	83
C8 2.0 Hdi, 2.2 HDi	5437	73
C8 2.0 Hdi	5450	73
C8 2.0 Hdi	5453	73
C8 2.2 Hdi	5453	73
C8 (EA_, EB_) 2.0 HDi	5678	83
Dispatch 2.0 Hdi	5396	72
Dispatch 2.0 Hdi	5437	73
Dispatch 2.0 Hdi	5450	73
DS3 1.4 16V, 1.6 16V (70-88kW)	5587	79
DS3 1.6 16V (115kW)	5587	79
DS3	5643	81
DS3	5655	82
DS4 1.6 VTi 120, 1.6 THP 155, 1.6 THP 200	5587	79

Citroën	Nº ZEN	Pg.
DS4	5643	81
DS5	5643	81
Evasion 2.0 HDI	5396	72
Evasion 2.0 HDI	5437	73
Evasion 2.0 HDI	5450	73
Evasion 2.0 HDI 16V	5450	73
Jumper 2.0 Hdi (230)	5437	73
Jumper 2.0 Hdi, 2.2 HDi (244)	5437	73
Jumper 2.2 HDi 100, 2.2 HDi 120	5580	78
Jumper	5663	83
Jumper 230 2.0 HDI	5675	83
Jumpy 2.0 Hdi	5396	72
Jumpy 2.0 Hdi	5437	73
Jumpy 2.0 Hdi	5450	73
Jumpy 1.6 HDi 90, 2.0 HDi 120, 2.0 HDi 140	5453	73
Jumpy Kastan 2.0 HDi 120 140	5678	83
Mini Coupe (R58)	5643	81
Relay 2.0 Hdi (230)	5437	73
Relay 2.0 Hdi, 2.2 HDi (244)	5437	73
Relay (74,88kW) 2.2 HDi 100/120	5580	78
Relay (81,96,110kW) 2.2 HDi 110/130/150	5580	78
Sinergie 2.0 Hdi	5450	73
Sinergie 2.0 HDI 16V	5450	73
Synergie 2.0 Hdi	5396	72
Synergie 2.0 Hdi	5437	73
Xantia 2.0 HDI	5396	72
Xantia 2.0 HDI 90	5437	73
XSara 2.0 HDI	5396	72
XSara 2.0 HDI 109	5396	72
XSara 2.0 HDI 109	5437	73
XSara Picasso 2.0 HDI	5396	72
XSara Picasso 2.0 HDI	5450	73
XSara Picasso 1.6 HDi	5453	73
XSara Picasso 1.6 HDi	5629	81
XSara Picasso 1.6 HDi	5675	83

Dacia	Nº ZEN	Pg.
Duster 1.5 dCi	5423	72
Duster 1.5 dCi	5467	74
Duster 1.6 16V	5575	78
Lodgy 1.5 dCi	5585	78
Logan 1.4, 1.4 Bifuel, 1.6, 1.6 LPG	5423	72
Logan 1.5 dCi	5423	72
Logan 1.6 CNG	5423	72
Logan 1.4, 1.4 Bifuel, 1.6, 1.6 LPG	5467	74
Logan 1.5 dCi	5467	74
Logan 1.6 CNG	5467	74
Logan 1.5 dCi (KS0K)	5512	76
Logan 1.5 dCi (LS0J, LS0Y)	5512	76
Logan 1.5 dCi (LS0K)	5512	76
Logan 1.6 16V	5575	78
Logan 1.5 dCi (FS0K) (KS0K) (LS0J (LS0K) (LS0W) (US0K) (US0W) LS0Y)	5670	83
Logan Express 1.4, 1.6, 1.5dCi	5423	72
Logan Express 1.4, 1.6, 1.5dCi	5467	74
Logan Express 1.5 dCi (FS0K)	5512	76
Logan Pick Up 1.5 dCi (US0K)	5512	76

Dacia	Nº ZEN	Pg.
Sandero 1.4, 1.6,	5423	72
Sandero 1.5dCi	5423	72
Sandero 1.4, 1.6	5467	74
Sandero 1.5 dCi	5467	74
Sandero 1.5 dCi	5512	76
Sandero	5670	83

Daihatsu	Nº ZEN	Pg.
Charade 1.33 16V	5743	86

Dodge	Nº ZEN	Pg.
2500 L6 6.7L	5570	78
3500 L6 6.7L	5570	78
Avenger 2.0	5507	75
Avenger 2.4	5507	75
Avenger	6004	88
Bullet 45 L6 6.7L	5570	78
Bullet 55 L6 6.7L	5570	78
Caliber 1.8, 2, 2.4	5507	75
Caliber 2.4 Turbo	5507	75
Caliber 1.8, 2.0, 2.4	6004	88
Caravan 3.3, 3.8	5428	73
Caravan	6006	88
Challenger V6 3.6L	5690	84
Charger V6 3.6L	5690	84
Dakota 4.7L	5536	77
Durango V6 3.6L	5690	84
Grand Caravan	6006	88
Journey 2.4	5507	75
Journey 2.4	6004	88
Nitro	6013	88
Ram 1500 V6 3.6L	5690	84
RAM 2500 5.9 24V Diesel	5519	76
RAM 2500 (Crew Cab Pick Up) 5.9 24V Diesel	5519	76
RAM 2500 (Extended Crew Cab Pick Up) 5.9 24V Diesel	5519	76
RAM 2500 [Standard Cab Pick Up] 5.9 24V Diesel	5519	76
RAM 2500 L6 6.7L	5570	78
RAM 3500 5.9 24V Diesel	5519	76
RAM 3500 (Extended Crew Cab Pick Up) 5.9 24V Diesel	5519	76
RAM 3500 L6 6.7L	5570	78
RAM 4500 L6 6.7L	5570	78
RAM 5500 L6 6.7L	5570	78

Fiat	Nº ZEN	Pg.
120 Multijet, 130 Multijet 2.3 D	5388	71
500 1.3 D Multijet (119, 223) (Alt. Denso 120A)	5440	73
500 1.3 D Multijet (Alt. Valeo 90/105A)	5449	73
500	5654	82
500 (199)	5706	84
500	5727	85
500	6009	88
500	6011	88
500C 1.3 D Multijet (119, 223) (Alt. Denso 120A)	5440	73
500C 1.3 D Multijet (Alt. Valeo 90/105A)	5449	73
500C	5727	85
500C	6009	88
500I	5730	86
500X	5648	82

Fiat	Nº ZEN	Pg.
500x	5730	86
595	5727	85
595C	5727	85
695	5727	85
695C	5727	85
Argo 1.0 e 1.3	5706	84
Brava (182) 1.9 TD 100 S, 1.9 JTD (182.AF,BF)	5379	71
Brava 1.9 D	5576	78
Brava 1.9 JTD (74kW)	5576	78
Brava 1.9 JTD 105	5576	78
Brava 1.9 TD 75 S (55kW), 1.9 TD 100 S (74kW)	5576	78
Brava (182)	5642	81
Bravo (110kW) 1.4 T-Jet	5528	77
Bravo (66-88kW) 1.4, 1.4 T-Jet abo	5528	77
Bravo (66kW) 1.9 D Multijet	5528	77
Bravo (88/110kW) 1.9 D Multijet	5528	77
Bravo 1.6 D Multijet	5528	77
Bravo 2.0 D Multijet	5528	77
Bravo (182) 1.9 D	5576	78
Bravo (182) 1.9 JTD	5576	78
Bravo (182) 1.9 JTD 105	5576	78
Bravo (182) 1.9 TD 75 S, 1.9 TD 100 S	5576	78
Bravo (198) 1.4 T-Jet (110kW)	5576	78
Bravo (198) 1.4 T-Jet (66-88kW)	5576	78
Bravo (198) 1.4, 1.4 T-Jet (103kW)	5576	78
Bravo (198) 1.9 D Multijet (66kW)	5576	78
Bravo (198) 1.9 D Multijet (88-110kW)	5576	78
Bravo 1.9 JTD 16 V	5627	81
Bravo	5654	82
Bravo I (182) 1.9 TD 100 S, 1.9 JTD (182.AF,BF)	5379	71
Bravo I (182)	5642	81
Bravo II	5730	86
Croma 2.4 D Multijet	5496	75
Croma 1.9 D Multijet	5528	77
Croma (194) 1.9 D Multijet	5576	78
Croma 1.9 JTD 8/16 V	5627	81
Croma	5730	86
Doblo (119) 1.9 JTD (223AXE1A)	5379	71
Doblo 1.8 OHCI com AC	5435	73
Doblo 1.3 JTD (119, 223) (Alt. Denso 120A)	5440	73
Doblo 1.3 JTD 16V (119, 223) (Alt. Denso 90/120A)	5440	73
Doblo (119, 223) 1.3 JTD, 1.3 JTD 16V, 1.3 D Multijet, 1.3 JTD 16V Multijet (Alt. Valeo 90/105A)	5449	73
Doblo 1.8 sem AC	5518	76
Doblo 1.6 D 16V Multijet, 1.6 D Multijet, 2.0 D Multijet	5528	77
Doblo (119, 223) 1.9 D (46kW)	5576	78
Doblo (119, 223) 1.9 D Multijet, 1.9 JTD Multijet (88kW)	5576	78
Doblo (119, 223) 1.9 JTD (74kW)	5576	78
Doblo (119, 223) 1.9 JTD (77kW)	5576	78
Doblo	5654	82
Doblo	6011	88
Dobló	6009	88
Doblo (152) 1.3 D Multijet (Alt. Denso 90/105/120A)	5440	73
Doblo Cargo (223) 1.9 JTD (223AXE1A)	5379	71
Doblo Cargo (223)	5642	81
Ducato 2.3 JTD	5388	71
Ducato 2.0 JTD, 2.3 JTD	5437	73

Fiat	Nº ZEN	Pg.
Ducato (230) 2.0 JTD	5450	73
Ducato (244) 2.0 JTD	5450	73
Ducato (230) 2.0 JTD (alt.9649611280/9646321780)	5453	73
Ducato (244) 2.0 JTD (alt.9649611280/9646321780)	5453	73
Ducato 2.0	5629	81
Ducato	5663	83
Ducato 100 2.2 D Multijet	5580	78
Ducato 100 Multijet 2.2 D	5450	73
Ducato 140 Natural Power, 140 Natural Power 3.0	5604	80
Ducato 160 Multijet Power 3,0 D	5604	80
Fiorino 1.3 D Multijet (Alt. Denso 120A)	5440	73
Fiorino 1.3 D Multijet (Alt. Valeo 90A)	5449	73
Fiorino	6009	88
Fiorino	6011	88
Fiorino Qubo 1.3 D Multijet (Alt. Denso 120A)	5440	73
Freemont	5507	75
Grand Punto 1.3 D Multijet (199)	5396	72
Grand Punto 1.3 D Multijet (Alt. Valeo 90/105A)	5449	73
Grand Punto 1.9 D Multijet	5528	77
Grand Punto (199) 1.9 D Multijet	5576	78
Grand Punto 1.9 JTD	5627	81
Grand Punto	6011	88
Grand Punto (199) 1.3 D Multijet (Alt. Denso 90/120A)	5440	73
Grande Punto	6009	88
Idea 1.3 JTD (Alt. Denso 90/105/120A)	5440	73
Idea 1.3 JTD (Alt. Valeo 90/105A)	5449	73
Idea 1.9 JTD	5528	77
Idea 1.9 JTD	5576	78
Idea	6009	88
Idea	6011	88
Linea 1.3 D Multijet (Alt. Denso 90/105A)	5440	73
Linea 1.3 D Multijet (Alt. Valeo 90/105A)	5449	73
Linea 1.6 D Multijet	5528	77
Linea	5654	82
Linea	6009	88
Linea	6011	88
Marea 1.9 TD 100, JTD 110	5379	71
Marea 2.4 JTD 130	5560	77
Marea (185) 1.9 JTD	5576	78
Marea (185) 1.9 JTD 110	5576	78
Marea (185) 1.9 TD 100	5576	78
Marea (185) 2.4 JTD	5576	78
Marea (185)	5642	81
Marea SW 2.4 JTD 130	5560	77
Marea Weekend (185) 1.9 TD 100, JTD 110	5379	71
Marea Weekend (185)	5642	81
Mobi 1.0 e 1.3	5706	84
Multipla (186) 1.9 JTD	5576	78
Multipla (186) 1.9 JTD (186AXE1A)	5576	78
Multipla (186) 1.9 JTD 110, 1.9 JTD 115	5576	78
Multipla (186)	5642	81
Palio 1.8 OHCI com AC	5435	73
Palio 1.3, 1.3 JTD Multijet (Alt. Valeo 90A)	5449	73
Palio 1.8 sem AC	5518	76
Palio 1.9 D/1.9 JTD EL	5576	78
Panda (169) 1.3 I JTD, 1.3 D Multijet, 1.3 D Multijet 4x4 (Alt. Valeo 90A)	5449	73

Fiat	Nº ZEN	Pg.
Panda	5654	82
Panda	6009	88
Punto (188) 1.3 JTD (Alt. Valeo 75/105A)	5449	73
Punto 1.9 JTD	5528	77
Punto 1.9 D 60/1.9 DS 60, 1.9 JTD 80	5576	78
Punto 1.9 JTD (63kW)	5576	78
Punto 1.9 JTD (74kW)	5576	78
Punto (199)	5706	84
Punto	6009	88
Punto	6011	88
Punto (188)	5642	81
Punto Evo 1.3 D Multijet (Alt. Denso 90/105A)	5440	73
Punto Evo 1.3 JTD (Alt. Valeo 90/105/120A)	5449	73
Punto Evo 1.6 D Multijet	5528	77
Punto Evo	6009	88
Punto Evo	6011	88
Punto Van (188AX)	5642	81
Qubo	6011	88
Ritmo 1.6 D, 2.0 D Multijet	5528	77
Ritmo 1.9 D Multijet	5528	77
Scudo 2.0 JTD	5396	72
Scudo 2.0 JTD	5437	73
Scudo (220) 1.9 D	5450	73
Scudo 1.6 D Multijet, 2.0 D Multijet	5450	73
Scudo (220) 1.9 D, 1.9 TD (51-68kW) (alt.9655733780)	5453	73
Scudo (220) 1.9 D, 2.0 JTD (51kW) (alt.9655733780)	5453	73
Scudo (220) 2.0 JTD (69-80kW) (alt.71733552)	5453	73
Scudo (220) 2.0 JTD (69kW) (alt.71733552/71749232/71748885)	5453	73
Scudo 1.6 D Multijet, 2.0 D Multijet (alt.71733552)	5453	73
Scudo 1.6,1.9 e 2.0	5629	81
Scudo 2.0 D Multijet	5678	83
Siena 1.3 JTD (Alt. Valeo 90A)	5449	73
Siena 1.9	5576	78
Stilo 1.8 OHCI com AC	5435	73
Stilo 1.8 sem AC	5518	76
Stilo 1.9 D Multijet	5528	77
Stilo 1.9 D, 1.9 JTD (192AXS1B, 192BXS1B)	5528	77
Stilo 1.9 JTD	5528	77
Stilo (192) 1.9 D Multijet (59kW)	5576	78
Stilo (192) 1.9 D, 1.9 JTD (192AXS1B, 192BXS1B) (66kW)	5576	78
Stilo (192) 1.9 JTD (85kW)	5576	78
Stilo 1.9 JTD 16V, S.W	5627	81
Strada (178E) 1.3 D Multijet (Alt. Valeo 90/105A)	5449	73
Strada (178E) 1.9 D	5576	78
Strada (178E) 1.9 JTD	5576	78
Strada	6009	88
Tipo Estate (356)	5706	84
Tipo Hatchback (356)	5706	84
Tipo Saloon (356)	5706	84
Toro 1.8 Gasolina	5707	84
Toro Diesel	5708	84
Ulisse (179AX) 2.0 D Multijet	5678	83
Ulysse 2.0 JTD	5396	72
Ulysse 2.0 D Multijet (179)	5437	73
Ulysse 2.0 JTD (179)	5437	73
Ulysse 2.0 JTD (220)	5437	73

Fiat	Nº ZEN	Pg.
Ulysse 2.2 D Multijet, 2.2 JTD (179)	5437	73
Ulysse (179) 2.0 D Multijet (88-100kW)	5450	73
Ulysse (179) 2.0 JTD (79kW)	5450	73
Ulysse (179) 2.0 JTD (80kW)	5450	73
Ulysse (179) 2.2 D Multijet, 2.2 JTD (94-125kW)	5450	73
Ulysse (220) 2.0 JTD	5450	73
Ulysse (179) 2.0 D Multijet (88-100kW) (alt.71733552)	5453	73
Ulysse (179) 2.0 JTD (79kW) (alt.71733552)	5453	73
Ulysse (179) 2.0 JTD, 2.2 D Multijet, 2.2 JTD (80-125kW) (alt.71733552/71748885/9661544880)	5453	73
Ulysse (220) 2.0 JTD (80kW) (alt.71733552)	5453	73
Ulysse 2.0 e 2.2	5629	81
Uno 1.0 e 1.3	5706	84

Ford	Nº ZEN	Pg.
B-MAX	5635	81
C Max 1.8 TdCi	5462	74
C Max 1.6TdCi,2.0TdCi	5501	75
C-Max (DM2)	5648	82
C-Max II	5646	82
Crown Victoria 4.6L V8	5406	72
EcoSport	5635	81
EcoSport 1.6 SIGMA	5664	83
Ecosport 2.0 Flex 4WD	5766	87
Ecosport Titanium	5714	85
Escape (Sport Utility) 2.3 16V, 2.3 16V Electric/Gas	5499	75
Expedition 4.6	5438	73
Expedition 5.4	5438	73
Explorer L4 2.0L	5695	84
Explorer 2.0L	5711	85
Fiesta Todos Sigma 1.5L Trans. Manual e Automatica	5664	83
Fiesta Todos Sigma 1.6L Trans. Manual e Automatica	5664	83
Fiesta V 1.4 TdCi (JH,JD)	5437	73
Fiesta V 1.4 TdCi (JH,JD)	5457	74
Fiesta V 1.6 TdCi	5501	75
Fiesta V 1.4 TDCi	5629	81
Fiesta V 1.6 TdCi	5629	81
Fiesta Van 1.4 TdCi	5437	73
Fiesta Van 1.4 TdCi	5457	74
Fiesta Van 1.4 TdCi	5629	81
Fiesta Van	5646	82
Fiesta Van	5648	82
Fiesta VI 1.4 TDCi, 1.6 TDCi	5629	81
Fiesta VI	5635	81
Fiesta VI	5646	82
Focus 1.8 TdCi	5462	74
Focus 2.0L, 2.3L W/MT	5524	76
Focus	5640	81
Focus	5664	83
Focus 2.0	5714	85
Focus (Sedan) 2.3 16V ano 01.03-12.07	5524	76
Focus (Sedan/Hatchback/Wagon) 2.0 16V ano 01.05-12.07	5524	76
Focus 2, Schrägheck 2.0	5524	76
Focus C Max 1.8 TdCi	5462	74
Focus C Max 1.8	5464	74
Focus C Max 1.8 FFV	5464	74
Focus C Max 2.0	5464	74

Ford	Nº ZEN	Pg.
Focus C Max 1.6 TdCi (66kW)	5501	75
Focus C Max 1.6 TdCi (80kW)	5501	75
Focus C Max 2.0 TdCi (100kW)	5501	75
Focus II 1.8 TdCi	5462	74
Focus II 1.8 FFV, 1.8 Flexifuel	5464	74
Focus II 2.0	5464	74
Focus II 1.6 TdCi, 1.6 TDCI, 2.0 TDCI	5501	75
Focus II (DA) 2.5 ST	5608	80
Focus II (DA)	5648	82
Focus II Saloon (DA)	5648	82
Focus III	5635	81
Focus III	5646	82
Focus III Saloon	5635	81
Focus III Saloon	5646	82
Focus III Turnier	5635	81
Focus III Turnier	5646	82
Focus ST170	5524	76
Ford Crown Victoria 4.6, 4.6 Sport Supercharged	5497	75
Fusion 1.4 TdCi (JU)	5437	73
Fusion 1.4 TdCi (JU)	5457	74
Fusion 1.6 TdCi	5501	75
Fusion 1.6L	5711	85
Fusion 2.0L	5711	85
Fusion 2.5L	5711	85
Galaxy 1.9 TDi, 2.8i V6 4x4	5378	71
Galaxy 1.9 TDi	5381	71
Galaxy 2.0 TDCi	5450	73
Galaxy 2.2 TDCi	5450	73
Galaxy 2.0	5464	74
Galaxy 2.0 SCTi	5589	79
Galaxy (WA6)	5646	82
Galaxy 2 2.0 Flexifuel	5504	75
Galaxy, S-Max 1.8 TdCi	5462	74
Grand C-Max	5646	82
Ikon Sedan 1.4 TDCi	5457	74
KA 1.5	5714	85
KA Motor 1.0 3 cyl.	5721	85
Ka	6009	88
Kuga 2.0 TdCi	5501	75
Kuga I 2.5 4x4	5668	83
Kuga II (DM2)	5646	82
Metrostar 2.5	5495	75
MKC 2.0L	5711	85
MKC 2.3L	5711	85
MKT Base 3.7L V6	5711	85
MKT Ecoboost 2.0L	5711	85
MKT Ecoboost 3.5L V6	5711	85
MKZ 2.0L	5711	85
Modeo IV 2.0 SCTi	5589	79
Mondeo 2.5 V6 24V	5495	75
Mondeo 3.0 V6 24V	5495	75
Mondeo III 1.8 Sci (BWY)	5429	73
Mondeo III 1.8/2.0 16V (B4Y,B5Y)	5429	73
Mondeo III 1.8 16v	5464	74
Mondeo III 1.8 Sci	5464	74
Mondeo IV 2.0 TDCi	5450	73
Mondeo IV 2.2 TdCi	5450	73

Ford	Nº ZEN	Pg.
Mondeo IV 1.8 TdCi	5462	74
Mondeo IV (BA7)	5634	81
Mondeo IV 2 2.0 Flexifuel	5504	75
Mondeo IV Saloon (BA7)	5634	81
Mondeo IV Turnier (BA7)	5634	81
Mondeo IV Turnier (BA7)	5646	82
Mondeo ST 220 (motor 3.0 V6)	5495	75
Mustang 4.6	5438	73
Mustang Ecoboost 2.3L	5711	85
Mustang V8 5.0L	5717	85
New Fiesta Motor Mexicano	5714	85
Ranger 2.2	5452	73
S Max 2.0 TdCi	5450	73
S Max 2.2 TdCi	5450	73
S Max 2.0 SCTi	5589	79
S Max 2 2.0 Flexifuel	5464	74
S Max 2 2.0 Flexifuel	5504	75
S-Max (WA6)	5634	81
S-Max (WA6)	5646	82
Taurus 2.0L	5711	85
Tourneo Connect 1.8 Di, 1.8 TdCi, 1.8 Turbo Di	5462	74
Tourneo Courier Kombi	5635	81
Transit 2.4 DI, 2.4 TD, 2.4 TDE	5403	72
Transit 2.4 TdCi, 2.4 TDE	5403	72
Transit 2.4 DI (F,B, FC, FA_)	5408	72
Transit 2.4 DI [RWD] (FB, FC,FA_)	5408	72
Transit 2.4 DI [RWD] (FB, FC_)	5408	72
Transit 2.4 TD, 2.4 TDDi	5408	72
Transit 2.4 TDCi	5408	72
Transit 2.4 TDDi	5408	72
Transit 2.4 TDE	5408	72
Transit 2.4 TDE (FC, FB, FA)	5408	72
Transit 2.2 TdCi, 2.4 TdCi, 3.2 TdCi	5452	73
Transit 2.2 TDCI	5580	78
Transit BOX FA	5736	86
Transit BUS FD, FB, FS, FZ e FC	5736	86
Transit Platform/Chassis FM, FN	5736	86
Transit 330K, L, M 2.0, 2.4	5403	72
Transit 350EL, L, M 2.0, 2.4	5403	72
Transit 430EL, M 2.0, 2.4	5403	72
Transit Box (FA)	5638	81
Transit Bus 2.3 16V (FD, FB, FS, FZ, FC)	5506	75
Transit Bus (FD, FB, FS, FZ, FC)	5638	81
Transit Connect 1.8 Di, 1.8 TdCi, 1.8 TdCi DPF	5462	74
Transit Courier Box	5635	81
Transit Platform/Chassis (FM, FN)	5638	81
Transit Tourneo 2.2	5452	73
Transit Tourneo 2.2 TDCI	5580	78
Transit V 2.0 TDCI (FAE_ (F_E_ FAF_ FAG_) F_F_ F_F_) F_G_)	5679	83
Transit Van 2.3 (FA, FM, FN)	5506	75
Transit Van 2.3 16V (FA)	5506	75
Transit Van 2.3 16V (FM, FN)	5506	75
Tribute 2.3 All-wheel Drive	5499	75
Tribute 2.3 AWD	5499	75
Tribute 2.3, 2.3 GX, 2.3 AWD	5499	75

Ford	Nº ZEN	Pg.
Tribute (Sport Utility) 2.3 16V	5499	75
General Motors/Chevrolet		
Astra 1.8i, 2.0i, 2.0i 16V, Sedan 1.8i, 2.0i 16V	5422	72
Astra 2.0 8V Gas./Flex	5535	77
Blazer Motor MWM 2.8 Diesel	5374	71
Camaro	5682	83
Camaro	5761	87
Cobalt SS L4 2.0L	5521	76
Corvette	5687	84
Corvette	6026	88
Corvette	6027	89
Cruze Hatch 1.8 Motor a gasolina, 4 Cil. Transmissão Automática	5622	80
Cruze Sedan 1.8 Motor a Gasolina 4 Cil. Transmissão Automática 6 marchas	5622	80
Cruze 1.4	5628	81
Cruze 2.0 CDI	5677	83
Cruze Hatchback (J305) 1.7 Diesel	5626	80
Cruze Station Wagon (J308) 1.7 TD Diesel	5626	80
Cruze Station Wagon 2.0 TD	5677	83
Impala	5685	84
Impala	6003	88
Impala	6018	88
Impala V6 3.9L	5571	78
Malibu	6003	88
Malibu LZ9 3.9L V6 Gas - DOD	5571	78
Meriva	5435	73
Meriva 1.8 sem AC, com DH	5518	76
Monte Carlo V6 3.9L	5571	78
Monte Carlo	6003	88
Nova S10 2.4	5374	71
Nova S10 2.5	5374	71
Nova S10 2.8	5374	71
Novo Corsa 1.0 OHCI com AC, sem DH	5435	73
Novo Corsa Sedan 1.0 OHCI com AC, sem DH	5435	73
Orlando 1.4	5628	81
Orlando 2.0 D	5677	83
S10 Motor MWM 2.8 Diesel	5374	71
S10 2.5 Flex	5455	74
Tracker Motor MWM 2.8 Diesel	5374	71
Tracker 1.8 Motor a gasolina 4 Cil.	5622	80
Trailblazer	5374	71
Trax 1.7 TD AWD Diesel	5626	80
Vectra 2.2, 2.2 16V	5422	72
Vectra 2.0 8V Gas./Flex	5535	77
Zafira 2.0 MPFI, 2.0i SFI 16V	5422	72
Zafira 2.0 8V Gas./Flex	5535	77
GMC		
Sierra 6.6 DSL	5498	75
Topkick 8.1	5498	75
Honda		
Accord	5683	84
Accord	5767	87
Accord IX 2.2 i-DTEC	5591	79
Accord VII (CL) 2.2 i-CTDi	5591	79

Honda	Nº ZEN	Pg.
Accord VII Tourer (CM) 2.2 i-CTDi	5591	79
Accord VIII (CU) 2.2 i-DTEC	5591	79
Accord VIII (CU) 2.2 i-DTEC	5598	79
Accord VIII Combi 2.2 i-DTEC	5591	79
Accord VIII Combi 2.2 i-DTEC	5598	79
Civic	5767	87
Civic IX (FB,FG) 1.8	5598	79
Civic IX (FK) 1.6 i-DTEC	5598	79
Civic IX (FK) 2.2 i-DTEC	5598	79
Civic VIII Hatchback (FN,FK) 2.2 CTDi	5591	79
CR-V II (RD) 2.2 CTDi	5591	79
CR-V III (RE) 2.2 i-CTDi 4WD	5591	79
CR-V III (RE) 2.2 i-DTEC 4WD	5591	79
CR-V III (RE) 2.2 i-CTDi 4WD	5598	79
CR-V III (RE) 2.2 i-DTEC 4WD	5598	79
CR-V IV (RE) 1.6 i-DTEC	5598	79
CR-V IV (RE) 2.2 i-DTEC AWD	5598	79
CRV	5767	87
FR-V (BE) 2.2 i CTDi	5591	79
Odyssey	5733	86
Pilot	5733	86
Ridgeline	5733	86
Hyundai		
Accent (60kW) 1.5 CRDi	5578	78
Accent (81kW) 1.5 CRDi GLS	5578	78
Accent IV (RB) 1.6 GDI	5716	85
Accent IV Saloon (RB) 1.6 GDI	5716	85
Accent (MC) 1.5 CRDi GLS	5583	78
Azera 3.8L V6	5572	78
Azera	5594	79
Bongo K2500	5713	85
Click (60kW) 1.5 CRDi	5578	78
Click (75kW) 1.5 CRDi GLS	5578	78
Creta 1.6 Attitude, Pulse, Flex, 4WD	5716	85
Elantra Coupe (JK), 1.6	5716	85
Elantra Saloon (AD), 1.6	5716	85
Elantra Saloon (MD, UD), 1.6	5716	85
Elantra Saloon (MD, UD)	5763	87
Elantra (XD) CRDi	5583	78
Elantra / Avante (XD), Trajet (FO) 2.0 CRDi	5460	74
Elantra Saloon (MD UD)	5716	85
Excel 1.5 CRDi	5578	78
Getz (60kW) 1.5 CRDi	5578	78
Getz (75kW) 1.5 CRDi GLS	5578	78
Getz 1.5 CRDi	5583	78
Getz 1.5 CRDi GLS	5583	78
Grand Santa Fé	5657	82
Grandeur	5661	82
H 1 2.5 CRDi	5459	74
H 1 Cargo (TQ) - 2.5 CRDi (100kW)	5592	79
H 1 Cargo (TQ) - 2.5 CRDi (120kW)	5592	79
H 1 Cargo (TQ) - 2.5 CRDi (125kW)	5592	79
H 1 Cargo (TQ) - 2.5 CRDi (81kW)	5592	79
H 1 Travel (TQ) - 2.5 CRDi (100kW)	5592	79
H 1 Travel (TQ) - 2.5 CRDi (120kW)	5592	79
H 1 Travel (TQ) - 2.5 CRDi (125kW)	5592	79

Hyundai	Nº ZEN	Pg.
H 1 Travel (TQ) - 2.5 CRDi (85kW)	5592	79
H 100 / Porter Pick Up/ Starex 2.5	5459	74
H 200 Box 2.5 CRDi	5459	74
H 200 Bus 2.5 CRDi, 2.5 CRDi 4WD	5459	74
H1 Cargo (TQ)	5713	85
H1 Travel (TQ)	5713	85
H100 Platform/Chassis	5713	85
H350 Platform/Chassis	5713	85
H350 Box	5713	85
H350 Bus	5713	85
HD 35	5713	85
HD Light	5713	85
I10 1.1 CRDi	5583	78
i10	5659	82
i10 (PA), 1.0	5716	85
i10 1.0 (BA, IA), LPG	5716	85
i10	5731	86
i10 Saloon	5731	86
I20 1.6 CRDi	5583	78
i20 (GB, IB), 1.0, 1.4	5716	85
i20 ACTIVE (IB, GB), 1.0, 1.4	5716	85
i20 Coupe (GB), 1.0, 1.4	5716	85
i20	5731	86
i20 (PB, PBT)	5763	87
I30 2.0 CRDi	5460	74
I30 1.6 CRDi	5583	78
i30	5661	82
i30 (GD)	5716	85
i30 (GD), 1.6	5716	85
i30 (PDE, PD), 1.4, 1.6	5716	85
i30 Coupe, 1.4, 1.6	5716	85
i30 Estate (GD), 1.4, 1.6	5716	85
i30 Estate (PDE), 1.4 MPI e T-GDI	5716	85
i30 FASTBACK (PDE), 1.4 T-GDI	5716	85
i30 (GD)	5763	87
i30 Coupe	5763	87
i30 Estate (GD)	5763	87
i30 Coupe	5716	85
I30 CW 1.6 CRDi	5583	78
i30 Estate (GD)	5716	85
i40 (VF)	5716	85
i40 1.6 GDI	5716	85
i40 CW (VF)	5716	85
ix20 (JC)	5716	85
ix20 (JC)	5763	87
IX35 2.0 CRDi, 2.0 CRDi 4WD, 2.0 CRDi All-wheel Drive (110kW)	5593	79
ix35 (LM, EL, ELH)	5594	79
IX35	5657	82
IX35	5680	83
ix35 (LM EL ELH)	5716	85
ix35 (LM, EL, ELH)	5763	87
IX55 3.0 V6 CRDi 4WD	5722	85
Kona (OS) 1.0 T-GDI	5716	85
Lavita (60kW) 1.5 CRDi	5578	78
Lavita (75kW) 1.5 CRDi	5578	78
Magentis	5661	82

Hyundai	Nº ZEN	Pg.
Matrix (60kW) 1.5 CRDi	5578	78
Matrix (75kW) 1.5 CRDi	5578	78
Matrix 1.5 CRDi	5583	78
Matrix (FC) 1.5 CRDi	5583	78
ND 6L 1.6 CRDi	5583	78
Porter Platform/Chassis	5713	85
Porter Box	5713	85
Santa Fé 2.0 CRDi	5460	74
Santa Fé 2.2 CRDi, 2.2 CRDi GLS	5460	74
Santa Fé II 2.0 CRDi, 2.0 CRDi 4x4 (110kW)	5593	79
Santa Fé II 2.0 CRDi, 2.0 CRDi 4x4 (145kW)	5593	79
Santa Fé II 2.4	5594	79
Santa Fé II 2.4 4x4	5594	79
Santa Fé II	5657	82
Santa Fé II	5661	82
Solaris Saloon, 1.6	5716	85
Sonata VI (YF)	5594	79
Sonata	5661	82
Sonata V (NF) 2.0 vTi GLS - 2.4	5680	83
Sonata V 2.0 VVTi	5613	80
Sonata V/Embera 2.0 CRDi	5460	74
Starex	5713	85
Terracan (HP) 2.9 CRDi, 2.9 CRDi 4WD	5466	74
Tucson 2.0 CRDi	5460	74
Tucson 2.0 CRDi, 2.0 CRDi All-wheel Drive (110kW)	5593	79
Tucson	5661	82
Tucson (TL) 1.6, 2.0, GDI	5716	85
Veloster (FS)	5716	85
Verna Diesel	5583	78
Verna III 1.5 CRDi GLS	5578	78

Infiniti	Nº ZEN	Pg.
EX	5614	80

Iveco	Nº ZEN	Pg.
Daily	5663	83
Massif	5663	83

Jaguar	Nº ZEN	Pg.
S-Type (CCX) 2.7 L	5428	73
S-Type Sedan (175kW) 3.0 V6	5573	78
X-Type Sedan (143kW) 2.5 24V, 3.0 24V	5573	78
X-Type Wagon (143-169kW) 2.5 24V, 3.0 24V	5573	78
XF 2.7 D	5428	73
XF	5657	82
XF Sportbrake	5657	82
XJ (X350, X358) 6 2.7 D	5428	73

Jeep	Nº ZEN	Pg.
Cherokee	6013	88
Cherokee (KK) 2.8 CRD	5428	73
Compass Diesel	5708	84
Compass 2 2.4	5507	75
Compass 2.0, 2.4	6004	88
DC World Engines 1.8L/2.0L/2.4L/2.4 turbo 4cyl Gas	5507	75
Grand Cherokee 4.7L	5536	77
Grand Cherokee	5650	82
Grand Cherokee V6 3.6L	5690	84



Jeep	Nº ZEN	Pg.
Grand Cherokee II (WJ, WG) - 2.7 CRD 4x4, 2.7 CRD Laredo	5395	72
Liberty 2.4L	5536	77
Liberty 3.7L	5536	77
Liberty KJ	6013	88
Patriot	6005	88
Patriot 2 2.4	5507	75
Patriot 2.0, 2.4	6004	88
Renegade 1.8 Gasolina	5707	84
Renegade Diesel	5708	84
Renegade	5730	86
TJ	6013	88
Wrangler 2.4L	5536	77
Wrangler III	6013	88

John Deere	Nº ZEN	Pg.
5620 4.5L	5534	77
6110 4.5L	5534	77
6120 4.5L	5534	77
6210 4.5L	5534	77
6220 4.5L	5534	77
6310 4.5L	5534	77
6320 4.5L	5534	77
6410 4.5L	5534	77
6420 4.5L	5534	77
6510 4.5L	5534	77
6520 4.5L	5534	77
6610 7.6L	5534	77
6620 6.7L	5534	77
6810 14.0L	5534	77
6820 6.7L	5534	77
6910 14.0L	5534	77
6920 6.7L	5534	77
7220 6.7L	5534	77
Máquinas Agrícolas	5534	77
Tratores	5534	77

Kia	Nº ZEN	Pg.
Amanti 3.8L	5572	78
Bongo K2500	5713	85
Borrego 3.0 V6 CRDI 4WD	5722	85
Carens	5680	83
Carens IV	5716	85
Carens IV, 1.6 GDI	5716	85
Carens IV	5763	87
Carens II 2.0 CRDi	5460	74
Carens III 2.0	5613	80
Carens III	5661	82
Carnival (UP) 2.9 TD	5466	74
Carnival	5657	82
Carnival II 2.9 CRDi, 2.9 TD	5466	74
Cee'd (JD) 1.0 T-GDI, 1.4 CVVT e MPI	5716	85
Cee'd 1.0 T-GDI e 1.4 CVVT	5716	85
Cee'd Sportswagon (JD), 1.0 e 1.4	5716	85
Ceed JD	5716	85
Ceed (JD)	5763	87
Ceed Sportswagon (JD)	5763	87
Ceed Sportswagon JD	5716	85

Kia	Nº ZEN	Pg.
Cerato	5460	74
Cerato 2.0 CRDi	5460	74
Cerato 1.5 CRDi	5583	78
Cerato 1.6 CRDi	5583	78
Cerato Hatchback, 1.6	5716	85
Cerato Saloon, 1.6, 16V	5716	85
Cerato Hatchback	5716	85
Cerato Koup (TD)	5716	85
Cerato Saloon	5716	85
Clarus Estate (GC) 1.8i 16V, 2.0i 16V	5419	72
Credos (K9A) 1.8i 16V, 2.0i 16V	5419	72
Lotze 2.0 CRDi	5460	74
Magentis 2.0	5613	80
Magentis 2.0	5680	83
Optima CVVL, 2.0	5716	85
Picanto 1.1 D	5583	78
Picanto	5659	82
Picanto 1.0, 1.2	5716	85
Picanto	5731	86
Pro Cee'd 1.0, 1.4	5716	85
Pro Ceed JD	5716	85
Pro Ceed (JD)	5763	87
Rio III (UB) 1.2, 1.4	5716	85
Rio III Saloon (UB), 1.2, 1.4	5716	85
Rio IV (YB, SC), 1.0, 1.4, 1.6	5716	85
Rio IV Saloon (SC, FB), 1.4, 1.6	5716	85
Rio III	5731	86
Rio III Saloon	5731	86
Rio III (UB)	5763	87
Rio III (UB)	5716	85
Rio III Saloon (UB)	5716	85
Sedona (GQ) 2.9 TD, 2.9 CRDi	5466	74
Sedona (UP) 2.9 TD	5466	74
Shuma Coupe, 1.6 T-GDI	5716	85
Sorento 2.5 CRDi	5459	74
Sorento 2.0 CRDi, 2.0 CRDi 4WD (110kW)	5593	79
Sorento 2.0 CRDi, 2.0 CRDi 4WD (145kW)	5593	79
Sorento 2.4 CVVT, 2.4 CVVT 4WD (129kW)	5594	79
Sorento L4 2.4L 2359cc VIN 6	5765	87
Sorento I (JC) 2.5 CRDi (120kW)	5592	79
Sorento I (JC) 2.5 CRDi (125kW)	5592	79
Sorento II	5657	82
Soul 1.6 CRDi	5583	78
Soul (AM)	5716	85
Soul II (PS), 1.6, Flex	5716	85
Soul (AM)	5763	87
Soul II (PS)	5763	87
Soul II (PS)	5716	85
Sportage 2.0 CRDi	5460	74
Sportage	5657	82
Sportage	5680	83
Sportage (QL, QLE), 1.6, 2.0, TGDI, Flex	5716	85
Sportage (SL)	5716	85
Sportage (QL)	5763	87
Sportage (SL)	5763	87
Stonic (YB), 1.0, 1.2, 1.4 CVVT, T-GDI	5716	85
Venga (YN)	5716	85

Kia	Nº ZEN	Pg.
Venga (YN)	5763	87
Lancia	Nº ZEN	Pg.
Delta III 1.6/2.0 Multijet	5528	77
Delta III 1.6 Multijet, 1.9 Multijet, 2.0 Multijet	5576	78
Delta III	5654	82
Delta III	5730	86
Kappa 2.0 20V (838AA1AA)	5560	77
Kappa 2.4 20V (838AC1AA, 838AC11A)	5560	77
Kappa 2.4 T.DS (838AE1AA, 838AH1AA)	5560	77
Kappa SW 2.0 16V Turbo (838BB1AA), 2.4 20V (838BC1AA, 838BC11A)	5560	77
Kappa (838) 2.4 JTD, 2.4 TD	5576	78
Kappa (838A)	5642	81
Kappa SW (838B)	5642	81
Lybra 1.9 JTD (839AX11A)	5379	71
Lybra (839) 1.9 JTD (77kW), 2.4 JTD (99kW)	5576	78
Lybra (839) 1.9 JTD (81kW)	5576	78
Lybra (839) 1.9 JTD (85kW)	5576	78
Lybra (839) 2.4 JTD (103-110kW)	5576	78
Lybra (839AX)	5642	81
Lybra SW (839AX) 1.9 JTD (839AX11A)	5379	71
Lybra SW 1.9 JTD (839BXD1A)	5560	77
Lybra SW (839BX)	5642	81
Musa 1.3 Multijet (Alt. Denso 90/105A)	5440	73
Musa 1.3 Multijet, 1.3 D Multijet (Alt. Valeo 90/105A)	5449	73
Musa 1.6 D Multijet	5528	77
Musa 1.9 Multijet	5528	77
Musa 1.9 Multijet	5576	78
Musa	6009	88
Musa	6011	88
Phedra 2.0 JTD	5437	73
Phedra 2.0 JTD, 2.0 D Multijet	5437	73
Phedra 2.2 D Multijet	5437	73
Phedra 2.2 JTD	5437	73
Phedra 2.0 D (88kW)	5450	73
Phedra 2.0 D Multijet (100kW)	5450	73
Phedra 2.0 JTD, 2.2 JTD (79-80kW)	5450	73
Phedra 2.2 JTD (94kW)	5450	73
Phedra 2.0 D Multijet (alt.71733552)	5453	73
Phedra 2.0 JTD (alt.71733552)	5453	73
Phedra 2.2 D Multijet (alt.71733552)	5453	73
Phedra 2.2 JTD (alt.71733552)	5453	73
Phedra 2.0 e 2.2	5629	81
Phedra (179) 2.0 D Multijet	5678	83
Thesis 2.0 Turbo, 2.4, 2.4 JTD	5576	78
Thesis 2.4 JTD	5576	78
Ypsilon 1.3 Multijet (Alt. Denso 75A)	5440	73
Ypsilon 1.3 JTD, 1.3 Multijet (Alt. Valeo 90A)	5449	73
Ypsilon	5654	82
Ypsilon	6009	88
Ypsilon	6011	88
Zeta 2.0 JTD	5396	72
Zeta 2.0 JTD	5437	73
Land Rover	Nº ZEN	Pg.
Defender 90, 110, 130 2.4 Td4	5452	73
Discovery III 2.7 TD	5428	73

Land Rover	Nº ZEN	Pg.
Evoque 2.0	5589	79
Freelander 2.2 TD4 (112kW)	5450	73
Freelander 2.2, 2.2 TD4 (115-118kW)	5450	73
Freelander 3.2 4x4	5686	84
Range Rover Evoque	5657	82
Range Rover Sport 2.7 TDVM	5428	73
Lexus	Nº ZEN	Pg.
ES	6005	88
ES 350 [Sedan] 3.5 24V	5503	75
GS	6005	88
GS 3 4.3 VVTi, 430, 450h, 460	5503	75
IS 250 [Sedan] 2.5 24V	5503	75
IS 250, 220 d	5503	75
IS 350 [Sedan] 3.5 24V	5503	75
IS C	6005	88
IS II 200d, 220d	5609	80
IS II	6005	88
RX 3.3, 300, 350, 400h, 450h	5503	75
RX 330 [Sport Utility] - 3.3 24V	5503	75
RX 350 [Sport Utility] - 3.5 24V	5503	75
RX	6005	88
Lincoln	Nº ZEN	Pg.
Probe II 2.5 V6 24V	5438	73
Lotus	Nº ZEN	Pg.
Exige 1.8 265 E	5458	74
Maruti	Nº ZEN	Pg.
Swift	5720	85
Mazda	Nº ZEN	Pg.
2 1.4	5437	73
2 2.3	5492	74
2 1.4 MZR	5629	81
2 1.6 MZ-CD	5629	81
2	5652	82
3 (BK) 1.6 DI Turbo	5501	75
3 (BL) 1.6 MZR-CD	5501	75
3 2.0 MZR-CD	5527	76
3 2.2 MZR-CD	5527	76
3 (BK) - 2.3 DiSi Turbo MPS	5597	79
3 (BK) - 2.3 MPS (191 kW)	5597	79
3 (BK) - 2.3 MPS (196 kW)	5597	79
3 (BK) - 2.3 MZR	5597	79
3 (BK) - 2.3 MZR Sport	5597	79
3 (BL) - 2.3 MPS Turbo	5597	79
3 (BK)	5612	80
3 (BL)	5612	80
3	5652	82
3 (BL)	5648	82
3 BL 1.6 MZR-CD	5629	81
3 Saloon (BL)	5648	82
3 Sedan (BK) - 2.3	5597	79
5 2.0	5527	76
5 2.0 CD	5527	76
6 1.8	5492	74
6 2.0 CiTD, 2.0 DI	5527	76

Mazda	Nº ZEN	Pg.
6 2.2 MRZ-CD	5527	76
6 (GG) - 2.3 MPS Turbo	5597	79
6 (GG)	5612	80
6 Estate	5652	82
6 Saloon	5652	82
6 Station Wagon (GY)	5612	80
626 IV Hatchback 2.5	5438	73
626 Mk IV 1.8i, 2.0i, 2.0i 4WD	5419	72
626 Mk IV Hatchback 1.8, 2.0i, 2.0i 4WD	5419	72
Altenza 2.0, 2.3 I	5511	76
Atenza 2.0 DI	5527	76
Atenza (GG) - 2.3 MPS Turbo	5597	79
B Series/MPV II 2.5 V6	5419	72
BT-50 Pick Up 3.0	5452	73
CX 3	5652	82
CX 5	5652	82
CX-7 2.2 MZR-CD	5527	76
CX-7 (ER) - 2.3 DISI	5597	79
CX-7 (ER) - 2.3 DISI AWD	5597	79
CX-7 (ER) - 2.3 MZR DISI Turbo AWD	5597	79
CX-7 (ER) 2.3 MZR DISI Turbo	5597	79
Demio 1.4 CD	5457	74
Mazda 3 (BK) 1.6	5511	76
Mazda 3 (BL) 1.6 MZR	5511	76
Mazda 3 Saloon (BK) 1.6	5511	76
Mazda 3 Saloon (BL) 1.6 MZR	5511	76
Mazda 6 (GG) 1.8, 2, 2.3	5511	76
Mazda 6 (GG) 2.3	5511	76
Mazda 6 Hatchback (GG) 1.8, 2, 2.3	5511	76
Mazda 6 Station Wagon (GY) 1.8, 2, 2.3	5511	76
Mazda 6 Station Wagon (GY) 2.3 AWD	5511	76
MPV II (LW) 2.5 V6	5438	73
MPV II 2.0 DI	5527	76
MX 6 2.0i	5419	72
Navigator 5.4	5438	73

Mercedes Benz	Nº ZEN	Pg.
160, 180, 200	5496	75
2 T 208D	5377	71
2 T 210D, 212D	5377	71
3 T 308D, 310D	5377	71
3 T 310D	5377	71
4 T 408D	5377	71
A (44-70kW) 160 CDI, A 170 CDI 07/199808.04	5574	78
A 160 CDI, A 180 CDI, A 200 CDI (60-103kW)	5574	78
A 150, A 170, A 200, A 200 Turbo	5510	75
A Class (W176)	5630	81
Accelo 915 C OM 904.943, OM 904.957, OM 904.965, OM 904.966, OM 904.970	5681	83
Accelo 915C	5651	82
Atego	5651	82
Atego 1014 K L, 1015 K L OM 904.909, OM 904.910	5681	83
Atego 1725 S OM 906.985	5681	83
Atego	5738	86
Atego 2	5738	86
Axor	5651	82

Mercedes Benz	Nº ZEN	Pg.
Axor 1823 K, 2523 K, 2623 L, 3228 C OM 906.920, OM 906.921	5681	83
Axor	5738	86
Axor 2	5738	86
B 150, B 170	5510	75
B 170 NGT, B 180 NGT	5510	75
B 180 Cdi, B 200 Cdi	5574	78
B 200, B 200 Turbo	5510	75
C 200 CDI, C 220 CDI	5463	74
C 200 D, C 200 T D	5377	71
C 230 Kompressor	5461	74
C 250 D	5377	71
C 250 T Turbo D	5377	71
C 320, C 350 CDI	5581	78
C Class (W202) - C 200 CDI (202.134)	5393	72
C Class (W202) - C 220 CDI (202.133)	5393	72
C Class (W202) - C 200 CDI (202.134), C 220 CDI (202.133)	5395	72
C Class (W203) - C 30 CDI AMG (203.018)	5395	72
C Class (CL/S/W203) C 200 CDI (85kW) (Alt. Delphi 000 150 17 50, 000 150 25 50)	5410	72
C Class (CL/S/W203) C 200 CDI/C 220 CDI (Alt. Delphi 000 154 17 50, 000 154 25 50)	5410	72
C Class (CL/S/W203) C 220 CDI (105kW) (Alt. Delphi 000 150 17 50, 000 150 25 50)	5410	72
C Class (CL/S/W203) C 270 CDI (125kW)	5410	72
C Class	5673	83
C class 160/180/200/230 Kompressor, C 200 CGI	5461	74
C Class Estate (S203) C 320 CDI (203.220)	5609	80
C Class Kombi (S202) - C 200 T CDI (202.194), C 220 T CDI (202.193)	5395	72
C Class T Model (S204) - C 220 CDI	5393	72
C Class T Model (S203) - C 30 CDI AMG	5395	72
C Class T Model (S204) - C 220 CDI	5395	72
C ClassCoupé (CL203) - C 30 CDI AMG	5395	72
C ClassKombi (S202) - C 220 T CDI (202.193)	5393	72
C Klasse, Class	5377	71
C, CLK 200 CGI, CGI Kompressor	5461	74
C-Class (W204)	5644	81
C-Class (W205)	5644	81
C-Class Coupe (C204)	5644	81
C-Class Estate (S204)	5644	81
C-Class Estate (S205)	5644	81
C200 D	5377	71
Citaro (O 530)	5738	86
Cito (O 520)	5738	86
CLA Coupe (C117)	5732	86
CLA Shooting Brake (X117)	5732	86
Classe A (W176)	5732	86
Classe A 160 (W168) CDI,	5411	72
Classe A 210 (W168)	5411	72
Classe A140 (W168)	5411	72
Classe A190 (W168)	5411	72
Classe B (W246 W242)	5732	86
Classe C Convertible (A205)	5732	86
Classe GLA (X156)	5732	86
CLC 180 Kompressor	5461	74
CLC 220 CDI	5463	74

Mercedes Benz	Nº ZEN	Pg.
CLC Class	5673	83
CLK (A/C209) 270 CDI	5410	72
CLK	5673	83
CLK 200 Kompressor	5461	74
CLK 220 CDI	5463	74
CLK320 CDI	5581	78
CLS (C218)	5644	81
CLS 320 CDI	5494	74
CLS 350 CDI	5494	74
CLS Shooting Brake (X218)	5644	81
CLS350	5581	78
CLS350 CDI (218.323)	5581	78
Conecto (O 345) 12M OM 902.925	5681	83
Conecto (O 345)	5738	86
E 200 CDI	5463	74
E 200 CDI, E 200 CDI, E 220 T CDI	5463	74
E 200 D	5377	71
E 200 Kompressor, E200 NGT, E 200 CGI	5461	74
E 220 D	5377	71
E 250 D	5377	71
E 250 T D	5377	71
E 270 CDI	5463	74
E 280 CDI	5581	78
E 280 CDI, E 300 BLUETEC, E 320 CDI, E 320 T CDI	5494	74
E 280 CDI, E 320 CDI	5463	74
E 290 Turbo	5377	71
E 290 T Turbo	5377	71
E 300 BLUETEC	5581	78
E 300 D	5377	71
E 300 T, E 300 Turbo D	5377	71
E 320 CDI	5581	78
E 320 T CDI	5581	78
E 350 CDI, BlueTEC	5581	78
E 350 BlueTEC, E 350 CDI	5494	74
E 400 CDI	5494	74
E Class (W210) - E 200 CDI (210.007)	5393	72
E Class (W210) - E 220 CDI (210.006)	5393	72
E Class (W210) - E 270 CDI (210/20016), Kombi(S210) - E 270 T CDI (210.216)	5395	72
E Class (S/W210) - E 220 CDI, E 220 T CDI	5410	72
E Class (S/W210) - E 270 CDI	5410	72
E Class (S/W210) E 200 CDI, E 220 CDI, E 220 T CDI	5410	72
E Class (W210) - E 270 T CDI, E 320 CDI, E 320 T CDI	5410	72
E Class	5673	83
E Class Kombi (S210) - E 220 T CDI (210.206)	5393	72
E Klasse, Class	5377	71
E-Class (W212)	5644	81
E-Class Convertible (A207)	5644	81
E-Class Coupe (C207)	5644	81
Econic OM 926.921, OM 926.934	5681	83
Econic	5738	86
G 290 TD	5377	71
G 300 TD	5377	71
G 320 CDi	5563	77
G 400 CDi	5494	74
G Class (W463) - G 270 CDI	5410	72
G Class (W463) G 400 CDI (463.332, 463.333) (184kW)	5445	73

Mercedes Benz	Nº ZEN	Pg.
G Klasse, Class	5377	71
G-Class (W463)	5644	81
GL 320 CDI, GL 350 CDI	5494	74
GL 320 CDI, GL 350 CDI	5563	77
GL 350 CDI BlueTEC (Alt. Bosch 220A)	5494	74
GL-Class (X166)	5644	81
GL-Klasse GL 320 CDI, GL 350 CDI	5566	77
GL320, GL350 CDI	5581	78
GL350 CDI BlueTEC (Alt. Valeo 180A)	5581	78
GLK- Class (X204)	5644	81
GLK320, 350 CDI	5581	78
Integro (O 550) L M OM 926.939	5681	83
Intouro E M ME OM 926.939	5681	83
LK 1117 K L LO S, 1317 K KO L LS, OM 904.905, OM 904.906, OM 904.907	5681	83
LN2 1517 K L, 711, 811 K, 814, OM 904.905, OM 904.906, OM 904.907	5681	83
M 280 CDI, ML 300 CDI, M 320 CDI, ML 350 CDI	5494	74
M 280 CDI, ML 300 CDI, M 320 CDI, ML 350 CDI (140/165kW)	5563	77
M 320 CDI, ML 350 CDI (165kW)	5563	77
M Class (W163) - ML 270 CDI	5410	72
M-Class (W166)	5644	81
M-Klasse M 280 CDI, ML 300 CDI, M 320 CDI, ML 350 CDI	5566	77
M280, ML300, M320, ML350 CDI	5581	78
ML 350 CDI BlueTEC	5494	74
ML 400 CDI	5494	74
ML350 CDI BlueTEC	5581	78
R 280 CDI, R 300 CDI	5494	74
R 280 CDI, R 300 CDI	5563	77
R 320 CDI, R 350 CDI	5494	74
R 320 CDI, R 350 CDI	5563	77
R 350 (Alt. Bosch 220A)	5494	74
R 350 CDi	5563	77
R-Klasse 280 CDi	5566	77
R-Klasse 300 CDi	5566	77
R-Klasse R 320 CDI, R 350 CDI	5566	77
R280, 300 CDI (140kW)	5581	78
R320,350 CDI	5581	78
R350 (Alt. Valeo 180A)	5581	78
S 300 Turbo D	5377	71
S 320 CDI	5463	74
S 320 CDI	5494	74
S Class (W220) - S 320 CDI ano (145kW)	5410	72
S Class (W220) - S 320 CDI ano (150kW)	5410	72
S Class (W220) S 400 CDI (220.028, 220.128) (184kW)	5445	73
S Class (W220) S 400 CDI (220.028, 220.128) (191kW)	5445	73
S Klasse/Class	5377	71
S-Class (W221)	5644	81
S-Class (W222, V222, X222)	5644	81
S-Class Coupe (C215)	5644	81
S-Class Coupe (C216)	5644	81
S-Class Coupe (C217)	5644	81
S-Klasse 320 CDi	5566	77
S400 CDi	5494	74
SL (R231)	5644	81
SLK	5673	83

Mercedes Benz	Nº ZEN	Pg.
SLK (R172)	5644	81
SLK 200 Kompressor	5461	74
SLS AMG (C197)	5644	81
SLS AMG Convertible (A197)	5644	81
Sprinter	5374	71
Sprinter	5377	71
Sprinter 2-t 212 D	5529	77
Sprinter 3-t 312 D 2.9	5529	77
Sprinter 4T 412 D	5529	77
Sprinter 2T Autocarro (901, 902) - 208, 211, 213, 216 CDI	5393	72
Sprinter 2T Autocarro (901, 902) - 208, 211, 213 CDI	5395	72
Sprinter 2T Autocarro, T Caixa, Caminhão plataforma (901, 902) - 213 CDI	5395	72
Sprinter 2T Caixa, Autocarro (901, 902) - 208, 211,213, 216 CDI	5395	72
Sprinter 2T Caminhão de plataforma chassis	5393	72
Sprinter 3,5-T 224, 324, 524	5461	74
Sprinter 3,5-t Box (906)	5644	81
Sprinter 3,5-t Bus (906)	5644	81
Sprinter 3,5T Caixa, Caminhão plataforma (906) - 313 , 315 , 316 , 4x4 CDI	5395	72
Sprinter 3-T 209	5581	78
Sprinter 3-T 211	5581	78
Sprinter 3-T 213	5581	78
Sprinter 3-T 215	5581	78
Sprinter 3-T 218	5581	78
Sprinter 3-T 219	5581	78
Sprinter 3-T 309	5581	78
Sprinter 3-T 311	5581	78
Sprinter 3-T 313	5581	78
Sprinter 3-T 315	5581	78
Sprinter 3-T 318	5581	78
Sprinter 3-T 319	5581	78
Sprinter 3-T 415	5581	78
Sprinter 3-T 419	5581	78
Sprinter 3-T 518	5581	78
Sprinter 3-T 519	5581	78
Sprinter 3-t Box (906)	5644	81
Sprinter 3-t Bus (906)	5644	81
Sprinter 3T Autocarro (903) - 311, 313, 316 CDI	5393	72
Sprinter 3T Autocarro (903) - 311, 313, 316 CDI 4x4	5393	72
Sprinter 3T Autocarro, Caixa (906) - 224, 309, 324, 315 CDI, 4X4	5395	72
Sprinter 3T Autocarro, Caixa, Caminhão plataforma (906) - 209, 210,213, 215, 216, 310 CDI	5395	72
Sprinter 3T Autocarro, Caminhão plataforma (903) - 313 CDI, 4x4	5395	72
Sprinter 3T Caixa (903) - 308, 311, 313, 316 CDI	5393	72
Sprinter 3T Caixa (903) - 311,313, 316 CDI 4x4	5393	72
Sprinter 3T Caminhão de plataforma chassis	5393	72
Sprinter 4, 6T Caixa, Caminhão plataforma (906) - 416 CDI	5395	72
Sprinter 4,6-t Box (906)	5644	81
Sprinter 4,6-t Platform/Chassis (906)	5644	81
Sprinter 4T Autocarro (904) - 408, 411, 413, 416 CDI	5393	72
Sprinter 4T AuTocarro, Caminhão plataforma (904) - 413 CDI, 4x4	5395	72
Sprinter 4T Caixa (904) - 408, 411, 413, 416	5393	72

Mercedes Benz	Nº ZEN	Pg.
Sprinter 4T Caixa (904) - 411, 413, 416 CDI 4x4	5393	72
Sprinter 4T Caminhão de plataforma chassis	5393	72
Sprinter 4T Caminhão plataforma	5395	72
Sprinter 5-t Box (906)	5644	81
Sprinter 5-t Platform/Chassis (906)	5644	81
Sprinter 5T Caixa (906) - 524 , 509 , 513, 515 CDI	5395	72
Sprinter 5T Caixa , Caminhão plataforma (906) - 510, 516 CDI	5395	72
Tourino OM 926.939	5681	83
Tourino (O 510)	5738	86
Touro (O 500) R U, OM 926.910, OM 926.926	5681	83
Unimog U 400 5000, OM 906.935	5681	83
V 230TD	5375	71
V Class (638/2) - V200 CDI, V220 CDI (Alt. A0101549502,A0101549602,A0111547002)	5393	72
V Class (638/2) - V200 CDI, V220 CDI (Alt. A0121542202,A0121545402,A0121541702)	5395	72
Vaneo (414) 1.4, 1.6, 1.7 CDI, 1.9	5411	72
Vaneo 1.4, 1.6, 1.7 Cdi, 1.9	5574	78
Vario 612D, 614D, 812D, O812	5529	77
Vario 613 D, 614 D, OM 904.908, OM 904.917, (95-100kW)	5681	83
Viano (W639) - CDI	5395	72
Viano (W639) - CDI 2, CDI 4 matic	5395	72
Viano (W639) - CDI 2.2	5395	72
Viano (W639) - CDI 2.2 4-matic	5395	72
Viano 3.5 126	5461	74
Viano 3.0 CDI	5581	78
Viano (W639)	5644	81
Vito (638) - 112 CDI 2.2 (Alt. A0101549502,A0101549602,A0111547002)	5393	72
Vito (638) - 112 CDI 2.2 (Alt. A0121542202,A0121545402,A0121541702)	5395	72
Vito 120 CDI	5581	78
Vito 108D 2.3	5375	71
Vito 110D 2.3 ano	5375	71
Vito 110TD 2.3 ano	5375	71
Vito Autocarro (638) - 112 CDI 2.2	5393	72
Vito Autocarro (638) - 108 CDI 2.2	5395	72
Vito Autocarro (638) - 110, 110 CDI 2.2 (638.194)	5395	72
Vito Autocarro (638) - 112 CDI	5395	72
Vito Autocarro (W639) - 109 CDI, 110 CDI, 111CDI, 113CDI e 4x4	5395	72
Vito Autocarro, Caixa (638) - 108, 110 CDI 2.2 (638.194)	5393	72
Vito Box (W447)	5644	81
Vito Bus (W639)	5644	81
Vito Caixa (638) - 108 CDI 2.2	5395	72
Vito Mixto (W447)	5644	81
Vito Tourer (W447)	5644	81
Vito, Mixto Caixa (W639) - 115 CDI, 115 CDI 4x4 116 CDI	5395	72
Vito, Mixto Caixa (W639) - 120 CDI	5395	72
Zetros 1833 A, 2733 A, OM 926.935, OM 926.936, OM 926.947	5681	83

Mercury	Nº ZEN	Pg.
Grand Marquis 4.6L V8	5406	72
Grand Marquis 4.6 GS, 4.6 LS	5497	75
Marauder 4.6	5497	75

Mini	Nº ZEN	Pg.
Cooper	5565	77
Cooper 1.6	5565	77
Cooper D	5450	73
Cooper S	5565	77
Cooper S 1.6	5565	77
Mini 1.6	5565	77
Mini (R56)	5643	81
Mini Clubman (R55)	5643	81
Mini Convertible (R57)	5643	81
Mini Countryman (R60)	5643	81
Mini Paceman (R61)	5643	81
Mini Roadster (R59)	5643	81
One	5565	77
One D	5450	73
One D (R50, R53) (55kW) 1.4 D	5592	79
One D (R50, R53) (65kW) 1.4 D	5592	79
R 55 1.6D	5450	73

Mitsubishi	Nº ZEN	Pg.
Alhambra 1.8 T, 1.9 TDi, 2.0i, 2.8 V6	5378	71
Altea 1.6, 1.9, 2.0 TDi, LPG, TFSi	5378	71
Arosa 1.4 TDi	5378	71
ASX 1.8	5612	80
ASX	5662	83
Canter Caminhão de plataforma chassis (FB,FE,FG) 3.0 Diesel (96,107,129kW)	5599	79
Carisma 1.9 DI-D	5389	71
Carisma (DA) 1.9 DI-D (DA5A)	5410	72
Carisma 1.9 DI-D	5432	73
Colt VI 1.5 DI-D	5574	78
Cordoba 1.4, 1.9 TDi, Sdi	5378	71
Exeo 2.0 TDi	5378	71
Grandis 2.0	5378	71
i	5740	86
Ibiza 1.2, 1.4, 1.9, 2.0	5378	71
Interstar 1.9 dCi	5432	73
Juke (F15) - 1.5 dCi	5585	78
Lancer 2.0	5378	71
Lancer 1.8, 2.0	5612	80
Lancer	5662	83
Lancer L4 2.0L (wo/Turbo)	5406	72
Lancer L4 2.4L	5406	72
Lancer Sport Back 2.0	5378	71
Leon 1.4, 1.6, 1.8, 1.9, 2.3, 2.8	5378	71
Outlander	5662	83
Outlander II 2.0	5378	71
Outlander II 2.2 DI-D 4WD (115kW)	5586	79
Outlander II 2.2 DI-D 4WD (130kW)	5586	79
Outlander II 2.0, 2.4	5612	80
Outlander L4 2.4L	5406	72
Primastar dCi 80, dCi 100	5432	73
Space Star 1.9 DI-D	5389	71
Space Star (DG0) - 1.9 DI-D (DG4A)	5410	72
Space Star 1.9 DI-D	5432	73
Toledo II, III 1.6, 1.8, 1.9, 2, 2.3, 2.8, TFSi, TDi	5378	71

New Holland	Nº ZEN	Pg.
TS100A 4.5	5506	75

Nissan	Nº ZEN	Pg.
Almera II 1.5 dCi	5423	72
Almera II 1.5 dCi	5467	74
Altima 2.5	5500	75
Altima 2.5 GDI Sedan 16V	5500	75
Altima 2.5	5569	78
Altima 2.5	5694	84
Altima L31	5735	86
Altima L32	5735	86
Armada (R51)	5614	80
Avenir 2.0	5500	75
Bassara 2.5	5500	75
Bluebird Sylphy ii (G11)	5715	85
Cabstar 28.11, 35.13, 45.13	5607	80
Cube 1.5 dCi	5575	78
Dualis 2.0 dCi, 2.0 dCi All-wheel Drive	5562	77
Frontier Motor MWM 2.8T Diesel	5374	71
Frontier (D40) 2.5L 4CYL Turbo Diesel	5522	76
Frontier 2.5 TDI CD SE 4X4	5607	80
Frontier (D40) 2.5 DCI 4WD	5607	80
Frontier (D40)	5614	80
Interstar Autocarro (X70) - dCi 100	5410	72
Interstar Autocarro (X70) - dCi 120	5410	72
Interstar Autocarro (X70) - dCi 80, 90	5410	72
Interstar Autocarro, Caixa (X70) - dCi 100	5410	72
Interstar Autocarro, Caixa (X70) - dCi 120, 150	5410	72
Interstar Caixa (X70) - dCi 80, 90, 120	5410	72
Interstar Caminhão de plataforma chassis - dCi...	5410	72
Interstar dCi 100, dCi 120 2.2 dCi, 2.5 dCi	5492	74
Juke 1.5 dCi	5575	78
Kubistar 1.5 dCi	5423	72
Kubistar 1.5 dCi	5467	74
March IV (K13)	5612	80
Micra 1.5 dCi	5423	72
Micra 1.5 dCi	5467	74
Micra 1.5 dCi (Alt. 23100-00Q2J)	5575	78
Micra IV (K13) 1.2 DIG	5511	76
Micra IV (K13) 1.2 DIG	5612	80
Navara (D40) 2.5L 4CYL Turbo Diesel	5522	76
Navara (D40) 2.5L 4CYL Turbo Diesel	5607	80
Navara ( D40) 3.0 dCi 4WD Diesel	5614	80
Note 1.5 dCi	5423	72
Note 1.5 dCi	5467	74
Note 1.5 dCi (Alt. 23100-00Q2J)	5575	78
NV200 1.5 dCi	5423	72
NV200 1.5 dCi	5467	74
NV200 1.5 dCi (Alt. 23100-00Q2J)	5575	78
Pathfinder 3.0 dCi Diesel	5614	80
Patrol GR II (Y61) 3.0 Dti	5431	73
Pick Up (D22) 2.5 DI	5607	80
Primastar dCi 150	5492	74
Primastar 2.0 dCi 90, 2.0 dCi 120	5562	77
Primastar Autocarro (X83) - dCi 150	5410	72
Primastar Autocarro (X83) - dCi 80, 100	5410	72
Primastar Autocarro, Caixa (X83) - dCi 140	5410	72
Primastar Caixa (X83) - dCi 150	5410	72
Primastar Caixa (X83) - dCi 80 , 100	5410	72
Primera 2.5	5569	78

Nissan	Nº ZEN	Pg.
Primera 2.2.5	5500	75
Qashqai 2.0 dCi (Alt. TG15C058)	5562	77
Qashqai 1.5 dCi	5575	78
Qashqai 2.0	5582	78
Qashqai 2.0 dCi (Alt. Mitsubishi 23100-JD71A)	5584	78
Qashqai 1.6	5614	80
Sentra 2.5	5500	75
Sentra 2.5 Sedan 16V	5500	75
Sentra 2.5	5569	78
Sentra	5653	82
Sentra V B15	5735	86
Sentra L4 2.0	5582	78
Teana i (J31)	5715	85
Teana J31	5735	86
Teana III (J33) 2.5 (L33L L33R L33T)	5694	84
Terrano II (R20) 3.0 Di 4WD	5431	73
Tiida 1.5 dCi, 1.8	5423	72
Tiida 1.5 dCi, 1.8	5467	74
Tiida 1.5 dCi	5575	78
Tiida 1.8	5582	78
Tiida Hatchback (C11)	5715	85
Tiida Saloon (SC11)	5715	85
Tiida saloon (SC12)	5715	85
Versa	5653	82
Versa ii	5715	85
Versa L4 1.8	5582	78
X-Trail 2.0 dCi	5562	77
X-Trail (T30) 2.5 (121-132kW) (Alt. Valeo 110A)	5569	78
X-Trail 2.0 (103kW-Hitachi alt)	5582	78
X-Trail 2.0 (104kW-Hitachi alt)	5582	78
X-Trail 2.0 (104kW-Mitsubishi alt)	5582	78
X-Trail (T31) 2.0 dCi, 2.0 dCi FWD	5584	78
X-Trail (T30) 2.2 2.0 LX (103-110kW) (Alt. Hitachi 110A)	5500	75
XTerra Motor MWM 2.8T Diesel	5374	71
Xtrail (T30) 2.5 (103-110kW) (Alt. Hitachi 110A)	5500	75
Xtrail (T31)	5715	85
Xtrail T30	5735	86
Xtrail T31	5735	86

Opel	Nº ZEN	Pg.
Agila (H00) 1.3 CDTI	5396	72
Agila 1.3 CDTI (Alt. Denso 70/100A)	5440	73
Agila 1.3 CDTI (Alt. Valeo 100A)	5449	73
Agila	6009	88
Agila	6011	88
Astra G 1.7 CDTI	5454	73
Astra G 1.4i, 1.4 16V, 1.6 16V, 2.0i Cabrio, Caravan	5455	74
Astra G 1.6	5455	74
Astra G 1.6 16V, 1.8 16V, 2.0 16V, 2.0 16V OPC	5455	74
Astra G 1.6, 1.6 CNG	5455	74
Astra G 2.0 16V Turbo, 2.0 OPC	5530	77
Astra G	6007	88
Astra G	6009	88
Astra GTC J 1.7 CDTI Diesel	5625	80
Astra GTC J 1.7 CDTI Diesel	5626	80
Astra H 1.3 CDTI (Alt. Denso 70/105A)	5440	73
Astra H 2.0 Turbo	5530	77

Opel	Nº ZEN	Pg.
Astra H 1.9 CDTI (Alt. Bosch 120/140A)	5532	77
Astra H 1.9 CDTI (Alt. Denso 100/120/130A)	5576	78
Astra H 1.9 CDTI	5627	81
Astra H	6009	88
Astra H	6011	88
Astra H	6012	88
Astra H (L48)	5641	81
Astra H Estate	6009	88
Astra H Estate (L35)	5641	81
Astra H GTC 1.3 CDTI (Alt. Denso 70/105A)	5440	73
Astra H GTC 1.3 CDTI (Alt. Valeo 70/100A)	5449	73
Astra H GTC 1.7 CDTI	5454	73
Astra H GTC 2.0 Turbo	5530	77
Astra H GTC 1.9 CDTI (Alt. Bosch 120/140A)	5532	77
Astra H GTC 1.9 CDTI (Alt. Denso 100/120/130A)	5576	78
Astra H GTC	6009	88
Astra H GTC (L08)	5641	81
Astra H Saloon	6009	88
Astra H Saloon (L69)	5641	81
Astra H TwinTop (L67)	5641	81
Astra H Van	6009	88
Astra H, Mk V 1.7 CDTI	5454	73
Astra H/Van/State 1.3 CDTI	5396	72
Astra J 1.4 Ecoflex	5622	80
Astra J 1.6	5622	80
Astra J 1.6 Turbo	5622	80
Astra J 1.3 CDTI Ecoflex	5623	80
Astra J 1.4 Turbo e Ecoflex	5623	80
Astra J 1.6, 1.6 Turbo	5623	80
Astra J 2.0 CDTI	5623	80
Astra J 1.7 CDTI Diesel	5625	80
Astra J 1.7 CDTI Diesel	5626	80
Astra J 1.4	5628	81
Astra J Sportstourer 1.7 CDTI Diesel	5625	80
Astra Mk IV 1.7 CDTI	5454	73
Astra Mk IV 1.7 CDTI 16V	5454	73
Campo	6009	88
Cascada 1.4	5628	81
Combo 1.3 CDTI	5396	72
Combo 1.3 CDTI 16V (Alt. Denso 70/100A)	5440	73
Combo 1.3 CDTI 16V (Alt. Valeo 70/100A)	5449	73
Combo 1.7 CDTI 16V, 1.7 DTI 16V	5454	73
Combo 1.4, 1.4 16V	5590	79
Combo	6007	88
Combo	6009	88
Combo	6011	88
Corsa 1.3 CDTI	5396	72
Corsa 1.4i / 1.8i 16v	5455	74
Corsa D	6009	88
Corsa D	6011	88
Corsa C 1.3 CDTI (Alt. Denso 70A)	5440	73
Corsa C 1.3 CDTI, 1.3 CDTI 16V (Alt. Valeo 70/100A)	5449	73
Corsa C 1.7 CDTI, 1.7 SE	5454	73
Corsa C	6009	88
Corsa C	6011	88
Corsa D 1.3 CDTI (Alt. Denso 70/100A)	5440	73
Corsa D 1.2, 1.2 ecoFLEX (59-63kW)	5590	79

Opel	Nº ZEN	Pg.
Corsa D 1.4 (66kW)	5590	79
Corsa D 1.4, 1.4 ecoFLEX	5590	79
Corsa D 1.2, 1.4 LPG	5628	81
Corsa D	5641	81
Corsa E	5706	84
Corsa E Van	5706	84
Corsa Mk II 1.7 CDTI	5454	73
Insignia 1.6, 1.6 Turbo	5622	80
Insignia 1.8	5622	80
Insignia 1.6, 1.8, 2.0	5623	80
Insignia 2.0 CDTI	5624	80
Insignia 1.4	5628	81
Meriva 1.3 CDTI (51kW)	5396	72
Meriva 1.3 CDTI (55kW)	5396	72
Meriva 1.3 CDTI (Alt. Denso 70/100A)	5440	73
Meriva 1.3 CDTI (Alt. Valeo 70/100A)	5449	73
Meriva 1.7 CDTI	5454	73
Meriva 1.7 CDTI 16V	5454	73
Meriva 1.4	5590	79
Meriva (B) 1.4	5596	79
Meriva	5641	81
Meriva	6011	88
Meriva B 1.7 CDTI Diesel	5626	80
Meriva B 1.4	5628	81
Meriva B	6009	88
Mokka 1.7 CDTI Diesel	5626	80
Movano 2.3 CDTI	5584	78
Movano Kombi (J9) (F9) 1.9 DTI	5410	72
Movano Kombi (J9)(F9) 1.9 DTI	5410	72
Movano Kombi 1.9 DTI	5432	73
Signum 1.8i	5455	74
Signum 2.0 Turbo, 2.2	5508	75
Signum 1.9 CDTI (Alt. Bosch 120/140A)	5532	77
Signum 1.9 CDTI (Alt. Denso 100/120/130A)	5576	78
Signum 2.0Turbo/2.2	5611	80
Signum 1.9 CDTI	5627	81
Signum 2800 Z28NEL NET	5710	85
Signum	6007	88
Signum	6012	88
Speedster	6007	88
Tigra 1.3 CDTI (Alt. Denso 100A)	5440	73
Tigra	6009	88
Tigra	6011	88
Tigra TwinTop 1.3 CDTI (Alt. Valeo 100A)	5396	72
Tigra TwinTop 1.3 CDTI (Alt. Valeo 100A)	5449	73
Top	6012	88
Vectra	5674	83
Vectra C 2800 Z28NEL NET	5710	85
Vectra B	6007	88
Vectra C 1.9 CDTI	5627	81
Vectra C	6007	88
Vectra C	6012	88
Vectra C / GTS 1.9 CDTI (Alt. Bosch 120/140A)	5532	77
Vectra C Estate	5641	81
Vectra C GTS	6007	88
Vectra C, GTS 1.6, 1.6 16V, 1.8, 1.8 16V Caravan	5455	74
Vectra C, GTS 2.0 16V Turbo, 2.0 Turbo, 2.2 direct	5508	75

Opel	Nº ZEN	Pg.
Vectra C/GTS 1.9 CDTI (74kW) (Alt. Denso 100/120/130A)	5576	78
Vectra C/GTS 1.9 CDTI (88-110kW) (Alt. Denso 100/120/130A)	5576	78
Vita 1.3 CDTI	5396	72
Vivaro 1.9 DTI, Di	5432	73
Vivaro 2.0 CDTI	5562	77
Vivaro Caixa (F7) 1.9 DI, DTI	5410	72
Vivaro Kombi (J7) (F7) 2.5 DTI	5410	72
Vivaro Kombi (J7) 1.9 DI, DTI	5410	72
Vivaro Kombi, Caixa, Caminhão Plataforma (J7) (F7) 2.5 CDTI	5410	72
Zafira 1.6	5455	74
Zafira 1.6 16V, 1.8 16V	5455	74
Zafira 1.6, 1.6 CGN	5455	74
Zafira 2.0	5530	77
Zafira 2.0 OPC	5530	77
Zafira 1.9 CDTI (Alt. Bosch 120/140A)	5532	77
Zafira 1.9 CDTI (Alt. Denso 100/120/130A)	5576	78
Zafira A	6007	88
Zafira B 1.9 CDTI	5627	81
Zafira B	6007	88
Zafira B	6012	88
Zafira B (A05)	5641	81
Zafira B Van	5641	81
Zafira C 1.4	5628	81
Peugeot	Nº ZEN	Pg.
1007 1.4 Hdi, 1.6 Hdi (50-80kW)	5453	73
1007 1.4 HDi, 1.6 HDi	5629	81
107 1.4 Hdi (40kW)	5453	73
107 1.4 HDi	5629	81
108	5742	86
2008	5655	82
206 2.0 HDI 12/1999...	5396	72
206 2.0 HDi 90	5437	73
206 1.4 Hdi, 1.6 HDi FAP 110 (50-80kW)	5453	73
206 1.4 HDi, 1.6 HDi FAP 110	5629	81
206 1.4 HDi	5675	83
207 1.4 Hdi, 1.6 Hdi (50-80kW)	5453	73
207 1.4 16V	5565	77
207 1.6 16V, 1.6 16V Vti, 1.6 16V RC, 1.6 16V Turbo	5565	77
207 1.4 16V (70kW)	5587	79
207 1.4, 1.4 16V (53-65kW)	5587	79
207 1.6 16V RC, 1.6 16V Turbo (110-128kW)	5587	79
207 1.6 16V Turbo (110kW)	5587	79
207 1.6 16V, 1.6 16V Vti (88kW)	5587	79
207 1.4 HDi, 1.6 HDi	5629	81
207 (WA,WC)	5643	81
207 CC (WD)	5643	81
207 SW (WK)	5643	81
208	5655	82
3008 1.6 Hdi (80kW)	5453	73
3008 1.6 THP, 1.6 Vti	5565	77
3008 1.6 THP, 1.6 Vti (88-110/115kW)	5587	79
3008 1.6 HDi	5629	81
3008	5643	81
301	5655	82



Peugeot	Nº ZEN	Pg.
306 2.0 HDi 90	5450	73
307 2.0 HDi	5396	72
307 2.0 HDi 110, 2.0 HDi 110 FAP, 2.0 HDi 90	5437	73
307 2.0 HDi 110, 2.0 HDi 110 FAP, 2.0 HDi 90	5450	73
307 1.4 Hdi, 1.6 D, 1.6 Hdi, 1.6 HDi 110 FAP (50-80kW)	5453	73
307 1.4 HDi, 1.6 HDi	5629	81
308 1.6 Hdi (66-82kW)	5453	73
308 1.4 16V, 1.6 16V	5565	77
308 1.4 16V (70kW)	5587	79
308 1.4 16V (72kW)	5587	79
308 1.6 16V (115kW)	5587	79
308 1.6 16V (128kW)	5587	79
308 1.6 16V (88/103/110kW)	5587	79
308 1.6 HDi	5629	81
308 CC	5643	81
308 I 2.0 HDi	5678	83
308 SW	5643	81
4007 (GP) 2.2 Hdi	5586	79
4007 (GP) 2.4 16V	5612	80
4008	5662	83
406 2.0 HDi 90, 2.0 HDi 110 FAP, 2.2 HDi	5396	72
406 2.0 HDi 90	5437	73
406 2.2 HDi	5437	73
406 2.0 Hdi	5450	73
406 2.0 HDi 110 FAP	5450	73
406 2.0 HDi 90	5450	73
407 1.6 HDi 110 FAP (80kW)	5453	73
407 2.0 Hdi, 2.0 HDi 135 FAP, 2.2 Hdi, 2.2 HDi 170 FAP (93-125kW)	5453	73
407 2.7 Hdi Coupe	5561	77
407 2.7 Hdi, Hdi	5561	77
407 1.6 HDi FAP 110	5629	81
407 1.6 HDi 110	5675	83
407 2.0 HDi	5678	83
407	6010	88
407 Coupe	6010	88
407 SW 2.7 HDi	5561	77
407 SW	6010	88
5008 1.6 Hdi (80kW)	5453	73
5008 1.6 16V	5565	77
5008 1.6 16V (88-115kW)	5587	79
5008 1.6HDi	5629	81
5008	5643	81
508	5643	81
508 SW	5643	81
607 2.0 Hdi (Alt. 5705 AF, 5705 GC)	5396	72
607 2.0 Hdi (Alt. 5705 AA, 5705 ER)	5437	73
607 2.2 Hdi	5437	73
607 2.0 Hdi (100kW)	5453	73
607 2.2 Hdi (98kW)	5453	73
607 2.7 HDi 24V	5561	77
607 2.0 HDi	5675	83
607	6010	88
608 2.2 Hdi	5396	72
806 2.0 HDi, 2.0 HDi 16V (Alt. 5705 AF, 5705 GC)	5396	72
806 2.0 HDi, 2.0 HDi 16V (Alt. 5705 AA, 5705 ER)	5437	73
807 2.0 HDi FAP, 2.2 HDi	5437	73

Peugeot	Nº ZEN	Pg.
807 2.0 Hdi (88-100kW)	5453	73
807 2.0 HDi FAP, 2.2 HDi FAP (79-94kW)	5453	73
Bipper (AA) 1.4 Hdi	5453	73
Bipper AA 1.4 HDi	5629	81
Boxer 2.0 Hdi, 2.2 Hdi	5437	73
Boxer 2.2 HDi 100, 2.2 HDi 120	5580	78
Boxer	5663	83
Boxer 2.0 HDi	5675	83
Especial/Special 2.0 HDi 90 06/1999..04/2002	5396	72
Expert 2.0 HDi (Alt. 5705 AF, 5705 GC)	5396	72
Expert 2.0 Hdi (Alt. 5705 AA, 5705 ER)	5437	73
Expert 1.6 HDi 90	5453	73
Expert 2.0 HDi 120, 2.0 HDi 140	5453	73
Expert 1.6 HDi 90	5629	81
Expert 2.0 HDi 100 130	5678	83
Partner 2.0 Hdi ano	5396	72
Partner 1.6 Hdi	5453	73
Partner 1.6 HDi 75, 1.6 HDi 90	5453	73
Partner 1.6	5587	79
Partner 1.6 HDi	5629	81
Partner 1.6 HDi 75	5629	81
Partner 1.6 HDi 90	5629	81
Partner Box	5643	81
Partner Tepee	5643	81
Ranch 1.6	5587	79
RCZ 1.6 16V (115kW)	5587	79
RCZ 1.6 16V (147kW)	5587	79
RCZ	5643	81

Pontiac	Nº ZEN	Pg.
G6 V6 3.9	5741	86
GTO V8 6.0	5688	84
Vibe	6002	88
Vibe	6006	88

Porsche	Nº ZEN	Pg.
911 (221kW) 3.4 Carrera, 3.4 Carrera 4	5515	76
911 (235-254kW) 3.6, 3.6 Carrera, 3.6 Carrera 4	5515	76
911 (235kW) 3.4 Carrera, 3.4 Carrera 4	5515	76
911 (242-335kW) 3.6 Carrera S, 3.6 GT2	5515	76
911 (331kW) 3.6S	5515	76
911 3.6 Carrera, 3.6 Carrera 4, 3.8 Carrera S, 3.8 Carrera 4S	5515	76
911 3.6 GT2	5515	76
911 3.6 Turbo	5515	76
911	5663	83
Boxster 2.7 (162kW)	5515	76
Boxster 2.7 (176kW), S3.2 (206kW)	5515	76
Boxster 2.7 (180kW), S3.4 (217kW)	5515	76
Boxster 2.7 24V (168kW), S3.2 (191kW)	5515	76
Boxster	5663	83
Boxster S 3.2 (185kW)	5515	76
Boxster S 3.2 (196kW)	5515	76
Cayenne (955) 3.2	5649	82
Cayman 2.7 (180kW)	5515	76
Cayman	5663	83
Cayman S 3.4 Sport, S3.4 (217-223kW)	5515	76

Ram Truck	Nº ZEN	Pg.
1500 V6 3.0L 2987cc 182cid	5704	84

Renault	Nº ZEN	Pg.
Captur (J5,H5)	5492	74
Clio 1.9 dTi	5389	71
Clio Grandtour 1.5 dCi	5525	76
Clio Grandtour 1.2 16V, 1.5 Dci, 1.6 16V	5575	78
Clio Grandtour (KRO/1)	5647	82
Clio Grandtour IV	5647	82
Clio II 1.4 16V	5423	72
Clio II 1.5 D, 1.5 dCi (50kW)	5423	72
Clio II 1.5 dCi (47kW)	5423	72
Clio II 1.5 dCi (48kW)	5423	72
Clio II 1.5 dCi (74kW)	5423	72
Clio II 1.5 dCi,1.5 dCi (59-62kW)	5423	72
Clio II 1.6	5423	72
Clio II 1.6 16V	5423	72
Clio II 1.4 16V	5467	74
Clio II 1.5 D, 1.5 dCi (50kW)	5467	74
Clio II 1.5 dCi (47kW)	5467	74
Clio II 1.5 dCi (48kW)	5467	74
Clio II 1.5 dCi (74kW)	5467	74
Clio II 1.5 dCi,1.5 dCi (59-62kW)	5467	74
Clio II 1.6	5467	74
Clio II 1.6 16V	5467	74
Clio II 1.5 dCi	5512	76
Clio II (50kW) 1.5 D, 1.5 dCi	5525	76
Clio II (74kW) 1.5 dCi	5525	76
Clio II 1.5 dCi (42kW)	5670	83
Clio II 1.4 16V	5676	83
Clio II 1.5 dCi	5676	83
Clio III (47-78kW) 1.5 dCi	5525	76
Clio III (BR0/1, CR0/1) 2.0 16V (BR0C, BR0K, CR0C, CR0K)	5564	77
Clio III 1.4 16V, 1.6 16V	5575	78
Clio III 1.5 dCi	5575	78
Clio III 1.5D	5575	78
Clio III (BR0/1, CR0/1)	5647	82
Clio IV	5647	82
Clio Mk II 1.5 D	5512	76
Clio Mk II 1.5 dCi (B/CB03)	5512	76
Clio Mk II 1.5 dCi (B/CB3N)	5512	76
Espace III 1.9 dTi	5389	71
Espace IV 2.0 DCi	5562	77
Espace IV	5674	83
F9Q Engine series 1.9D	5389	71
Fluence	5410	72
Grand Modus 1.5 dCi	5525	76
Grand Scenic 2.0 dCi	5492	74
Grand Scenic 1.5 dCi	5575	78
Grand Scenic 2.0dCi (110kW)	5584	78
Grand Scenic 2.0dCi (118kW)	5584	78
Grand Scenic II 1.6	5676	83
Kangoo 1.9 dCi, 1.9 dTi	5389	71
Kangoo 1.4 (55kW)	5423	72
Kangoo 1.5 dCi (42-48kW)	5423	72
Kangoo 1.5 dCi (50kW)	5423	72

Renault	Nº ZEN	Pg.
Kangoo 1.5 dCi (60-62kW)	5423	72
Kangoo 1.6 (66kW)	5423	72
Kangoo 1.6 16V (70kW)	5423	72
Kangoo 1.6 16V bivalent (60kW)	5423	72
Kangoo 1.4 (55kW)	5467	74
Kangoo 1.5 dCi (42-48kW)	5467	74
Kangoo 1.5 dCi (50kW)	5467	74
Kangoo 1.5 dCi (60-62kW)	5467	74
Kangoo 1.6 (66kW)	5467	74
Kangoo 1.6 16V (70kW)	5467	74
Kangoo 1.6 16V bivalent (60kW)	5467	74
Kangoo 1.5 dCi	5512	76
Kangoo 1.5 dCi	5575	78
Kangoo Be Bop 1.5 dCi	5575	78
Koleos 2.0dCi, 2.0 dCi 4x4	5584	78
Laguna 1.9 dTi	5389	71
Laguna 1.6 16V	5423	72
Laguna 1.8	5423	72
Laguna 1.6 16V	5467	74
Laguna 1.8	5467	74
Laguna I, Grandtour (K56_), (B56_, 556_) 1.9 dCi (B56W)	5410	72
Laguna II (BG0/1_) 1.9 dCi (BG0E) (KG0E)	5410	72
Laguna II (BG0/1_) 1.9 dCi (BG0E, BG0R)	5410	72
Laguna II 1.6 16V, 1.9 dCi	5423	72
Laguna II 1.9 dCi (Alt. Valeo 120A)	5432	73
Laguna II 1.6 16V, 1.9 dCi	5467	74
Laguna II 1.9 dCi	5492	74
Laguna II 2.0 DCi	5562	77
Laguna II 1.6 16V	5575	78
Laguna II (BG0/1_), Grandtour (KG0/1_) 1.9 dCi, (BG0G)	5410	72
Laguna II, Grandtour 1.9 dCi (Alt. Bosch 150A)	5523	76
Laguna III 2.0 DCi (Alt. Valeo 150A)	5562	77
Laguna III 2.0 dCi (Alt. Mitsubishi 210A)	5584	78
Laguna III (BT0/1) 1.5 dCi (BT0A)	5585	78
Laguna III (KT0/1) 1.5 dCi (KT0A)	5585	78
Laguna III (BT0/1), Grandtour (KT0/1) 2.0 16V (BT0F), (KT0F), Hi-Flex	5410	72
Latitude 2.0 dCi, 3.0 dCi	5584	78
Logan 1.4, 1.6	5423	72
Logan 1.5 dCi	5423	72
Logan 1.4,1.6	5467	74
Logan 1.5 dCi	5467	74
Logan 1.6	5575	78
Master II 1.9 dCi (Alt. Valeo 120A)	5432	73
Master II 2.5 dCi	5492	74
Master II Autocarro, Caixa (FD) (JD/ND) 1.9 dCi 80	5410	72
Master III 3.0 dCi 140	5431	73
Megane CC (EZ0/1_) 2.0 CVT	5410	72
Megane I 1.9 dCi, 1.9 dTi	5389	71
Megane I 1.4	5423	72
Megane I 1.4e, 1.4 16V, 1.6 16V	5423	72
Megane I 1.4i	5423	72
Megane I 1.4	5467	74
Megane I 1.4e, 1.4 16V, 1.6 16V	5467	74
Megane I 1.4i	5467	74
Megane II (BM0/1_, CM0/1_) 1.9 dCi (BM0G, ...)	5410	72
Megane II 1.9 dCi (Alt. Valeo 120A)	5432	73

Renault	Nº ZEN	Pg.
Megane II 1.9 / 2.0 dCi, 2.0 dCi Dynamic	5492	74
Megane II 1.9 dCi (Alt. Bosch 150A)	5523	76
Megane II 2.0 DCi	5562	77
Megane II 2.0 DCi Dynamic	5562	77
Megane II (60-76kW) 1.5 dCi (Alt. Bosch 150A)	5575	78
Megane II (78kW) 1.5 dCi (Alt. Bosch 150A)	5575	78
Megane II (BMO/1,CM0/1) 1.5 dCi	5585	78
Megane II 1.4 16V	5676	83
Megane II Combi (KM0/1) 1.5 dCi (KM16, KM1E)	5585	78
Megane II Coupé-Cabriolet (EM0/1) 1.5 dCi (EM1E)	5585	78
Megane II três volumes (LM0/1) 1.5 dCi	5585	78
Megane III / Megane III Grandtour 2.0 dCi (110kW)	5584	78
Megane III / Megane III Grandtour 2.0 dCi (118kW)	5584	78
Megane III Coupé (DZ0/1) 1.5 dCi (DZ09, DZ0D, DZ1F, DZ1G)	5585	78
Megane III Coupé (DZ0/1) 1.5 dCi (DZ0B)	5585	78
Megane III Grandtour (KZ0/1), Coupé (DZ0/1_) 2.0 CVT (KZ0G, DZ0G)	5410	72
Megane III Grandtour (KZ0/1)	5585	78
Megane III Grandtour (KZ0/1) 1.5 dCi (KZ1M, KZ1W)	5585	78
Megane III Hatchback (BZ0_) 2.0 CVT (BZ0G)	5410	72
Megane III Hatchback (BZ0) 1.5 dCi	5585	78
Megane III Hatchback (BZ0) 1.5 dCi (BZ09)	5585	78
Megane Scenic 1.9 dTi	5389	71
Modus (48-63kW) 1.5, 1.5 dCi (Alt. Bosch 82 00 360 480 120A)	5525	76
Modus (76kW) 1.5 dCi (Alt. Bosch 120A)	5525	76
Modus (78kW) 1.5 dCi (Alt. Bosch 82 00 360 480 120A)	5525	76
Modus (48-63kW) 1.5 1.5 dCi, 1.6 (Alt. Bosch 82 00 660 033 120A / 82 00 660 034 150A)	5575	78
Modus (76kW) 1.5 dCi (Alt. Bosch 150A)	5575	78
Modus (78kW) 1.5 dCi (Alt. Bosch 82 00 660 033 120A / 82 00 660 034 150A)	5575	78
Modus (F/J/P0)	5647	82
Sandero 1.4, 1.6	5423	72
Sandero 1.4, 1.6	5467	74
Sandero 1.0 12V Sce (3cilindro)	5712	85
Scenic 1.9 dCi, 1.9 dCi RX4, 1.9 dTi	5389	71
Scenic (78kW) 1.5 dCi (Alt. Bosch 150A)	5575	78
Scenic 2.0dCi (110kW)	5584	78
Scenic 2.0dCi (118kW)	5584	78
Scenic II 1.4	5676	83
Scenic I 1.4 16V, 1.6, 1.6 16V	5423	72
Scenic I 1.4 16V, 1.6, 1.6 16V	5467	74
Scenic II 2.0 dCi	5492	74
Scenic II (60-76kW) 1.5 dCi (Alt. Bosch 150A)	5575	78
Scenic II (JM0/1) 1.5 dCi (JM1E)	5585	78
Space IV 3.0 dCi	5526	76
Symbol 1.5 dCi	5575	78
Thalia 1.4, 1.4 16V	5423	72
Thalia 1.5 dCi (47kW)	5423	72
Thalia 1.5 dCi (48kW)	5423	72
Thalia 1.5 dCi (50kW)	5423	72
Thalia 1.5 dCi, 1.5 dCi RT (59-60kW)	5423	72
Thalia 1.4, 1.4 16V	5467	74
Thalia 1.5 dCi (47kW)	5467	74
Thalia 1.5 dCi (48kW)	5467	74
Thalia 1.5 dCi (50kW)	5467	74

Renault	Nº ZEN	Pg.
Thalia 1.5 dCi, 1.5 dCi RT (59-60kW)	5467	74
Thalia I 1.5 dCi	5670	83
Thalia II	5676	83
Trafic II 1.9 dCi, 1.9 dCi 100 (ELOC), 1.9 dCi 80 (ELOB), dCi 100, dCi 80 (Alt. Valeo 120A)	5432	73
Trafic II 1.9 dCi	5492	74
Trafic II 2.0 DCi	5562	77
Trafic II Autocarro (JL) 1.9 dCi	5410	72
Trafic II Autocarro (JL) 1.9 dCi 80, 100 (JLOB) (JLOC)	5410	72
Trafic II Autocarro (JL) 2.5 dCi 135 (JLOD)	5410	72
Trafic II Autocarro (JL) 2.5 Dti	5410	72
Trafic II Caixa (FL) - 2.5 Dti	5410	72
Trafic II Caixa (FL) 1.9 dCi	5410	72
Trafic II Caixa (FL) 2.5 dCi 135 (FLOD)	5410	72
Trafic II Caixa, Caminhão plataforma (FL) 1.9 dCi 80 (FLOB) 100 (FLOC)	5410	72
Twingo 1.5 dCi (CN0U) (Alt. Valeo 120A)	5423	72
Twingo 1.5 dCi (CNOE)	5423	72
Twingo 1.5 dCi 75, 1.5 dCi 90	5423	72
Twingo 1.5 dCi (CN0U) (Alt. Valeo 120A)	5467	74
Twingo 1.5 dCi (CNOE)	5467	74
Twingo 1.5 dCi 75, 1.5 dCi 90	5467	74
Twingo 1.5 dCi (CNOE)	5512	76
Twingo 1.5 dCi (CN0U)	5512	76
Twingo 1.5 dCi (CNOE) (Alt. Bosch 120A)	5575	78
Vel Satis (130kW) 3.0 Cdi	5526	76
Vel Satis (133kW) 3.0 Cdi	5526	76
Vel Satis 2.0 DCi	5562	77
Vel Satis	5674	83

Saab	Nº ZEN	Pg.
42803 1.8t BioPower	5508	75
42803 1.8t, 1.8t BioPower, 2.0T	5508	75
42803 2.0t, 2.0t BioPower, 2.0 Turbo XWD	5508	75
42803 1.9 TiD, 1.9 TTiD	5528	77
42803 1.9 TiD (Alt. Bosch 120/140A)	5532	77
42803 1.9 TiD/1.9 TTiD	5576	78
42803 1.9 TTiD ano	5576	78
42803	6007	88
42803	6012	88
42864 1.9 TiD (Alt. Denso 140A)	5528	77
42864 1.9 TiD ano	5576	78
42864	5674	83
9-3 V6 2.8L 2792cc 170cid	5710	85
9-3 X 1.9 TTiD ano 02.09-	5576	78
9-3X 2.0T, 2.0T BioPower	5508	75
9-3X	6007	88
9-5 2.0 TiD	5623	80
9-5 3, TiD	5526	76

Saturn	Nº ZEN	Pg.
Ion Red Line L4 2.0L	5521	76

Seat	Nº ZEN	Pg.
Alhambra 1.9 TDI, 2.0i	5381	71
Alhambra 1.8T 20V	5383	71
Alhambra 2.0 TSi	5448	73
Alhambra	5729	86

Seat	Nº ZEN	Pg.
Alhambra	6014	88
Altea 1.8 TFSi	5448	73
Altea 2.0 TFSi 4x4	5448	73
Altea 1.2 TSI	5493	74
Altea 1.4 TSI	5493	74
Arona	5729	86
Arosa 1.7 SDI (44kW)	5380	71
Arosa 1.7 SDI (44kW)	5383	71
Arosa 1.7 SDI	5384	71
Arosa 1.7 DI	5385	71
Arosa 1 1.4 (55kW)	5380	71
Arosa 1 1.4 (55kW)	5383	71
Ateca	5729	86
Ateca	6014	88
Cordoba 1.2	5374	71
Cordoba (6K2/C2) 1.6i, 1.8i, 2.0i	5380	71
Cordoba (6K2/C2) 1.9 SDI, 1.9 TDI, 2.0 i 16V	5380	71
Cordoba (6K5) 1.9 SDI, 1.9 TDI	5380	71
Cordoba 1.9 SDI, TDI	5381	71
Cordoba 1.4 i 16V, 1.9 SDI, 1.9 TDI	5383	71
Cordoba Variora 1.9SDI, TDI	5381	71
Cordoba, Ibiza 1.4 TDI	5514	76
Exeo 1.6/1.8 T	5448	73
Exeo 2.0 TFSi	5448	73
Exeo 2.0 TDI	5514	76
Exeo	5697	84
Exeo	6014	88
Felicia I 1.6	5381	71
Felicia II 1.6 GLX, 1.6 LX, 1.6	5381	71
Ibiza 1.4 TDI	5514	76
Ibiza IV	5729	86
Ibiza II 1.9 SDI, TDI	5381	71
Ibiza IV 1.2	5374	71
Ibiza IV	6014	88
Ibiza Mk II (6K1) 1.6i, 1.8i, 2.0i	5380	71
Ibiza Mk II (6K1) 1.9 SDI, 1.9 TDI, 2.0 i 16V	5380	71
Ibiza Mk II 1.4i	5383	71
Ibiza Mk II 1.6i, 1.8i,2.0i	5383	71
Ibiza Mk II 1.9 TDI, 2.0 i 16V	5383	71
Ibiza Mk III (6K1) 1.9 SDI, 1.9 TDI	5380	71
Ibiza Mk IV (6K1) 1.4 16V, 1.9 TDI	5380	71
Ibiza Mk IV (6K1) 1.9 SDI	5380	71
Ibiza V 1.2 TSI	5493	74
Ibiza V 1.4 TSI	5493	74
Ibiza V 1.6 TDI	5493	74
Ibiza V 2.0 TDI	5493	74
Ibiza V 1.2, 1.4 TDI, 1.9 TDI	5514	76
Inca (6K9) 1.7 D	5380	71
Inca (6K9) 1.9 SDI	5380	71
Inca 1.7 D, SDI	5381	71
Inca 1.4i, 1.9 D, 1.9 SDI	5383	71
Kodíaq	6014	88
Leon (1M1) 1.6, 1.8 20V, 1.9 TDI, 1.9 SDI, 1.8 20V T, 1.8 20V T 4	5380	71
Leon (1M1) 2.8 Cupra 4	5380	71
Leon 1.8 TSi	5448	73
Leon 2.0 TFSi	5448	73

Seat	Nº ZEN	Pg.
Leon 1.2 TSI	5493	74
Leon 1.4 TSI	5493	74
Leon SC	5729	86
Leon	6014	88
Leon SC, ST	6014	88
Octavia	5729	86
Superb	5729	86
Toledo (1L) 1.9 TDI	5380	71
Toledo	5729	86
Toledo I 1.9 TDI	5381	71
Toledo III 1.8 TFSi	5448	73
Toledo Mk II (1M2) 1.8 20V, 1.9 TDI	5380	71
Toledo Mk II (1M2) 2.3 V5	5380	71
Toledo Mk II (1M2) 2.3 V5 20V	5380	71
Skoda	Nº ZEN	Pg.
Fabia 1.2	5374	71
Fabia 1.2, 1.4, 1.6, 1.9	5378	71
Fabia 1.2 TSI	5493	74
Fabia 1.4 TSI	5493	74
Fabia 1.4 TDI	5514	76
Fabia Iii	5729	86
Fabia Praktik 1.2	5374	71
Felicia 1.9D (6U1,6U5)	5382	71
Felicia 1.9D (797)	5382	71
Felicia 1.9D Mk II (6U1,6U5)	5382	71
Felicia 1.9 D (6U1,6U5)	5383	71
Felicia I 1.9 D	5384	71
Felicia II 1.9 D	5384	71
Felicia Mk II 1.9 D (6U1,6U5)	5383	71
Karoq	5729	86
Kodíaq	5729	86
Kombi 1.9 D	5384	71
Octavia 1.6, 1.8, 1.9, 2.0	5378	71
Octavia 1.9 SDI (50kW)	5383	71
Octavia 1.9 TDI (66kW)	5383	71
Octavia 1.9 TDI (81kW)	5383	71
Octavia 1.8 TSi	5448	73
Octavia 2.0 RS	5448	73
Octavia 1.2 TSI	5493	74
Octavia 1.4 TSI	5493	74
Octavia Kombi 1.9 SDI, 1.9 TDI	5383	71
Pick Up 1.9 D	5384	71
Rapid	5729	86
Roomster 1.2, 1.4, 1.6, 1.9, TDi	5378	71
Roomster 1.2 TSI	5493	74
Roomster 1.4 TDI	5514	76
Superb 2.0 (3U4)	5376	71
Superb 1.6, 2.0 TDi	5378	71
Superb (3U4) 1.8 T, 2.0	5380	71
Superb (3U4) 1.9 TDI (74-77kW)	5380	71
Superb (3U4) 1.9 TDI (85kW)	5380	71
Superb (3U4) 1.9 TDI, 2.0 TDI (1996...20103kW)	5380	71
Superb 1.8 TSi/1.8 TSi 4x4/2.0 TSi	5448	73
Superb 1.4 TSI	5493	74
Superb 1.9 TDI, 2.0 TDI	5514	76
Superb 2.0 TDI 16V	5514	76

Skoda	Nº ZEN	Pg.
Superb 3.6, 3.6 V6	5514	76
Yeti 1.6, 2.0 TDi	5378	71
Yeti 1.8 TSi	5448	73
Yeti 1.2 TSi	5493	74
Yeti 1.4 TSi	5493	74
Yeti	5729	86

Smart	Nº ZEN	Pg.
ForFour 1.5 CDI	5574	78

Ssangyong	Nº ZEN	Pg.
Actyon	5529	77
Actyon II	5726	85
Actyon Sports I	5726	85
Actyon Sports II	5726	85
Actyon Sports	5529	77
Korando	5726	85
Kyron 2.7 Xdi	5529	77
Rexton 2.7 Xdi	5529	77
Rexton W	5726	85
Rexton RX290	5375	71
Rodius 2.7 Xdi	5529	77
Rodius II	5726	85
Stavic 2.7 270 sXDi	5529	77

Subaru	Nº ZEN	Pg.
Forester (SH)2.0 D	5610	80
Impreza 2.0 D	5610	80
Legacy IV 2.0 D	5610	80
Outback 2.0 D	5610	80

Suzuki	Nº ZEN	Pg.
Grand Scudo 2.0	5437	73
Grand Vitara (JB) 2.0	5437	73
Grand Vitara 2.0	5437	73
Grand Vitara 2.0 HDI 110	5437	73
Grand Vitara 2.0 HDI 110, 2.0 TD, 2.0 TD Intercooler	5437	73
Grand Vitara	5656	82
Grand Vitara	6002	88
Ignis II 1.3 DDiS	5396	72
Ignis II 1.3 DDiS (Alt. Valeo 100A)	5449	73
Ignis II	6009	88
Jimny 1.5 DDiS 4WD (SN415D)	5724	85
Splash 1.3 CDTI (Alt. Valeo 100A)	5449	73
Splash	6009	88
Swift III 1.3 DDiS	5396	72
Swift III (SG) 1.3 DDiS (Alt. Valeo 100A)	5449	73
Swift III	6009	88
SX4 1.6	5629	81
Sx4 SCross	5730	86
Vitara	5730	86
Wagon R 1.3 DDiS	5396	72
Wagon R (MM) 1.3 DDiS (Alt. Valeo 100A)	5449	73
Wagon R	6009	88

Tata	Nº ZEN	Pg.
Indigo 1.3 e 1.4	5667	83
Manza	5667	83
Vista	5667	83

Toyota	Nº ZEN	Pg.
4 Runner 4.0 VVTi	5503	75
4 Runner	6005	88
Alphard 2.4, 2.4 4WD	5502	75
Alphard 3.5, 3.5 4WD	5503	75
Alphard	6002	88
Alphard	6005	88
Aurion 3.5	5503	75
Aurion	6005	88
Auris 1.6 VVTi	5428	73
Auris 1.6, 1.8	5428	73
Auris 2.0, 2.2 D-4D	5609	80
Auris 1.4 D-4D	5613	80
Auris	5728	86
Auris Touring Sports	5728	86
Auris (E15)	5743	86
Auris (E15) DualVVTi (NRE150)	5743	86
Auris (E18)	5743	86
Auris	6006	88
Auris 1.4D-4D	5658	82
Avalon 3.5 VVTi	5503	75
Avalon	6005	88
Avalon [Sedan] 3.5 24V	5503	75
Avensis 1.9 (T22)	5424	72
Avensis 2.0 D-4D (T25)	5424	72
Avensis (T27) 1.6, 1.8, 2.0	5428	73
Avensis 2.0, 2.2 D-4D	5609	80
Avensis	6006	88
Avensis Verso D4-D (AC)	5424	72
Axio (E14,E15)	5428	73
Aygo (B4)	5742	86
AZ 2.4L Gas - Worldwide	5502	75
Blade (ZE15,RE15)	5428	73
Camry (V30) 2.4 VVT-i, 2.4 VVTi LE	5502	75
Camry (V40) 2.4 VVTi Hybrid, 2.4 VVTi LE	5502	75
Camry (V30) 3.5 VVTi XLE	5503	75
Camry	5684	84
Camry	6002	88
Camry	6005	88
Camry	6006	88
Camry [Sedan] 3.5 24V	5503	75
Camry Solara 2.4	5502	75
Corolla (E11) 2.0 D-4D	5424	72
Corolla (E12) 2, 2.0 D-4D, 2.0 D4-D	5424	72
Corolla (ZER,ZZE) 2.0 D-4D	5424	72
Corolla (E12) 1.6, 1.6 VVTi	5428	73
Corolla 2.0, 2.2 D-4D	5609	80
Corolla 1.4D/D-4D	5613	80
Corolla	5658	82
Corolla Estate	5728	86
Corolla Saloon	5728	86
Corolla Três volumes (E15)	5743	86
Corolla Três volumes (E16)	5743	86
Corolla	6002	88
Corolla	6006	88
Corolla Altis	5745	86
Crown 3.0	5503	75
Crown	6005	88

Toyota	Nº ZEN	Pg.
Dyna 2.5 D4d	5567	78
Dyna 3.0	5609	80
Echo 1.4 D4d	5645	81
Echo Hatchback (NCP13, NCP12) 1.4 D4d (55kW)	5588	79
Estima 3.5, 3.5 4x4	5503	75
Fortuner 3.0	5452	73
Hiace 2.7	5503	75
Hiace 2.5 D-4D	5567	78
Hiace	6005	88
Hiace IV 2.5 D-4D	5452	73
Hiace IV 2.4 D-4D, 2.5 D-4D	5509	75
Hiace IV 2.5 D-4D	5567	78
Hiace IV, V 2.5 D-4D	5609	80
Highlander	5762	87
Highlander	6002	88
Hilux 2.5 D 4x4	5452	73
Hilux 2.5 D-4D	5452	73
Hilux 2.5,3.0 D-4D	5509	75
Hilux (N) 2.5 D, 2.5 D4d, 2.5 D-4D 4x4	5567	78
Hilux 2.5 D-4D	5567	78
Hilux Pick Up 2.5 D-4D, 2.5 D-4D 4x4, 3.0 D-4D 4x4	5452	73
Hilux Pick Up 3.0 All-wheel Drive 4x4 (KUN26)	5452	73
Hilux SW4 3.0	5509	75
Jetliner (T27) 1.6, 1.8, 2.0	5428	73
Kijang MPV 2.5 D4D	5567	78
Kluger 3.5	5503	75
Kluger	6005	88
Land Cruiser 4.0 (179kW)	5503	75
Land Cruiser 4.0 (183kW)	5503	75
Land Cruiser 4.0 V6 Dual VVTi, 4.0 V6 VVTi, 4.0 V6 VVT-i	5503	75
Land Cruiser 3.0 D-4D	5509	75
Land Cruiser (J12) 3.0 D-4D	5567	78
Land Cruiser (J9) 3.0 D-4D	5567	78
Land Cruiser 3.0 D-4D	5609	80
Land Cruiser	6005	88
Land Cruiser Prado (J12) 3.0 D-4D (KDJ120)	5452	73
Matrix	6002	88
Matrix	6006	88
Matrix, RAV 4, Solara	5502	75
Megalinier (T27) 1.6, 1.8, 2.0	5428	73
Previa (ACR3) 2, 2.4, 2.4 16V, 2.4 Hybrid	5424	72
Previa (ACR3) 2.0 D4-D	5424	72
Previa 2.4, 2.4 16V, 2.4 Hybrid	5502	75
Previa 3.5	5503	75
Previa	6002	88
Previa	6005	88
Qualis MPV 2.5 D4d	5567	78
RAV 4 3.5 VVTi	5503	75
RAV 4	6006	88
RAV 4 [Sport Utility] 2.4 16V	5502	75
RAV 4 II (XA2) 2.0 D4-D	5424	72
RAV 4 II 2.4 VVTi	5502	75
RAV 4 III 2.0	5428	73
RAV 4 III 2.4 VVTi, 2.4 VVTi 4WD	5502	75
RAV 4 III 2.2 D-4D	5609	80
RAV 4 III	6005	88

Toyota	Nº ZEN	Pg.
Sienna	6005	88
SW4 (N2) 3.0 D	5567	78
SW4	6005	88
Tacoma	5705	84
Tacoma	6001	88
Tacoma II (N) 2.5 D-4D, 2.5 D-4D 4WD	5567	78
Tarago 2.4, 2.4 VVTi	5502	75
Tarago 3.5	5503	75
Tarago	6005	88
tC	6006	88
Toyota Land Cruiser 3.0 D-4D	5513	76
Urban 1.4D-4D	5658	82
Urban Cruiser (P1)	5743	86
Urban Cruiser 1.33 (NSP110)	5743	86
Vanguard III 3.5 4WD	5503	75
Vanguard III 3.5 VVTi	5503	75
Vellfire 3.5, 3.5 4WD	5503	75
Venza	5762	87
Verso 1.6, 1.8	5428	73
Verso 2.0, 2.2 D-4D	5609	80
Verso	6006	88
Verso 1.4D-4D	5658	82
Vitz (P1) 1.4 D4-D (55kW)	5588	79
XB	6002	88
Yares 1.4 D4d	5645	81
Yaris 1.8 VVTi (98kW)	5428	73
Yaris (SCP1, NLP1, NCP1) 1.4 D4-D (55kW)	5588	79
Yaris 1.4 D-4D (66kW)	5601	79
Yaris (P9)	5743	86
Yaris 1.33 VVTi (NSP90)	5743	86
Yaris	6006	88
Yaris 1.4D-4D	5658	82
Yaris Verso (NLP2,NCP2) 1.4 D4-D (55kW)	5588	79

Troller	Nº ZEN	Pg.
Especial/Special 2.8 Diesel Motor MWM	5374	71

Vauxhall	Nº ZEN	Pg.
Agila 1.3 CDTi (Alt. Denso 70/100A)	5440	73
Astra MK III 1.4i 16V, 1.6	5455	74
Astra Mk IV 1.7 CDTi 16V	5454	73
Astra MK IV 1.4i 16V, 1.6 16V, 1.8 16V, 1.8 16V Dualfuel, 1.9, 2.0 16V	5455	74
Astra MK V 1.3 CDTi (Alt. Denso 70/105A)	5440	73
Astra Mk V 1.7 CDTi	5454	73
Astra MK V 1.8	5455	74
Astra Mk V 2.0 Turbo	5530	77
Astra Mk V 1.9 CDTi, 1.9 CDTi 16V, 1.9 LE	5532	77
Astra Mk V 1.9 CDTi, 1.9 CDTi 16V, 1.9 LE	5576	78
Astra MK VI 1.4 i 16v VVT	5622	80
Astra MK VI 1.6 i 16v VVT	5622	80
Astra MK VI 1.3 CDTi 16V	5623	80
Astra MK VI 1.4 i 16v VVT TURBO	5623	80
Astra MK VI 2.0 CDTi	5623	80
Astra MK VI 2.0 CDTi	5624	80
Astra Van MK IV 1.6i	5455	74
Astravan Mk IV 1.7 CDTi	5454	73
Combo 1.3 CDTi 16V (Alt. Denso 70A)	5440	73

Vauxhall	Nº ZEN	Pg.
Combo 1.7 CDTI 16V	5454	73
Corsa 1.4i 16V	5455	74
Corsa MK IV E	5706	84
Corsa MK II 1.3 CDTI 16V (Alt. Denso 70A)	5440	73
Corsa Mk II 1.7 CDTI 16V	5454	73
Corsa Mk II 1.2 (59kW)	5590	79
Corsa Mk II 1.2 i 16V (63kW)	5590	79
Corsa Mk II 1.4 (66kW)	5590	79
Corsa Mk II 1.4 16V (74kW)	5590	79
Corsa MK III 1.3 CDTI (Alt. Denso 70/100A)	5440	73
Corsa Van MK IV E	5706	84
Corsa Van MK II 1.3 CDTI 16V (Alt. Denso 70A)	5440	73
Corsavan Mk II 1.2 i 16V (51kW)	5590	79
Meriva 1.3 CDTI (Alt. Denso 120A)	5440	73
Meriva 1.7 CDTI 16V	5454	73
Meriva Mk II 1.4	5590	79
Meriva Mk II (B) 1.4	5596	79
Movano 3.0 DTi	5431	73
Movano 1.9 DTi	5432	73
Movano Mk I (A) Kombi(JD) Van (FD) 1.9 DTI	5410	72
Movano MkII 2.3 CDTI FWD	5584	78
Movano MkII 2.3 CDTI RWD	5584	78
Signum 2.0 Turbo, 2.2	5508	75
Signum 1.9 CDTI, 1.9 CDTI 16V	5532	77
Signum 1.9 CDTI, 1.9 CDTI 16V	5576	78
Signum	5674	83
Tigra 1.3 CDTI (Alt. Denso 100A)	5440	73
Vectra 1.6i 16V	5455	74
Vectra Mk II 1.6 16V, 1.8 16V, 1.8 16V Dualfuel	5455	74
Vectra MK II 2.0 16V Turbo, 2.2 direct	5508	75
Vectra Mk II 1.9 CDTI, 1.9 CDTI 16V	5532	77
Vectra Mk II 1.9 CDTI, 1.9 CDTI 16V	5576	78
Vectra Mk II	5674	83
Vivaro 1.9 DI, 1.9 DTI	5432	73
Vivaro 2.0 CDTi	5562	77
Vivaro Caixa 1.9 DI, DTI	5410	72
Vivaro Caixa 2.5 CDTI	5410	72
Vivaro Caixa 2.5 DTI	5410	72
Vivaro Caminhão plataforma chassis - 2.5 CDTI	5410	72
Vivaro Kombi 1.9 DI, DTI	5410	72
Vivaro Kombi 2.5 CDTI	5410	72
Vivaro Kombi 2.5 DTI	5410	72
Zafira 1.6 16V	5455	74
Zafira 1.8 16V	5455	74
Zafira Mk II 2.0	5530	77
Zafira Mk II 1.9 CDTI	5532	77
Zafira MK II 1.9 CDTI	5576	78

Volkswagen	Nº ZEN	Pg.
Amarok 2.0 TDI, 2.0 TDI 4motion, 2.0 BITDI, 2.0 BitDI 4motion	5514	76
Amarok	5697	84
Amarok	6014	88
Arteon	5729	86
Arteon	6014	88
Beetle 1.2 TSI, 1.4 TSI (5C1, 5C7)	5493	74
Beetle	5729	86

Volkswagen	Nº ZEN	Pg.
Beetle	6014	88
Bora 1.6, 1.8, 1.9, 2, 2.3, 2.8	5378	71
Caddy 1.9 D	5384	71
Caddy 1.2 TSI	5493	74
Caddy Alltrack Box	5729	86
Caddy Alltrack Variant	5729	86
Caddy G2, G3 1.6, 1.9, 2.0	5378	71
Caddy II Box 1.9 SDI, TDI	5381	71
California	5660	82
California T5 2.0 TDI	5514	76
California, Caravelle T4 2.5 TDI	5425	72
Caravelle	5660	82
Caravelle T5 2.0 TDI	5514	76
Crafter 2.5 TDI	5378	71
Cross Up 1.0 EA211	5493	74
Eos 2, 3.2 FSI, TFSI, TDI v6	5378	71
Eos 1.4 TSI	5448	73
Eos 2.0 FSI	5448	73
Eos 2.0 TSI	5448	73
Eos 1.4 TSI	5493	74
Eos 2.0 FSI	5514	76
Eos 2.0 TDI	5514	76
Eos 3.2 FSI	5514	76
Eos 3.6 V6	5514	76
Fabia 1.4, 1.6	5493	74
Fox 1.2	5374	71
Fox 1.4 Tdi (Alt.045903023B, 045903023, 038903018R)	5378	71
Fox 1.0 EA211	5493	74
Fox 1.6 EA211	5493	74
Fox 1.4 TDI (Alt.045903023C)	5514	76
Gol 1.9D	5409	72
Golf (1E7) Mk III 1.6	5380	71
Golf (1E7) Mk III 1.8, 2.0	5380	71
Golf (1E7) Mk III 1.9 TDI	5380	71
Golf (1H1) Mk III 1.4, 1.8, 1.9 D, 1.9 TD, GTD, 2.0	5380	71
Golf (1H1) Mk III 1.6	5380	71
Golf (1H1) Mk III 1.9 SDI (47kW)	5380	71
Golf (1H1) Mk III 1.9 TDI (66kW)	5380	71
Golf (1H1) Mk III 1.9 TDI (81kW)	5380	71
Golf (1H1) Mk III 2.0 GL	5380	71
Golf (1H1) Mk III 2.0 GTI 16V	5380	71
Golf (1H1) Mk III 2.9 VR6 Syncro (1HX1)	5380	71
Golf (1H5) Mk III 1.4, 1.8, 1.9 D, 1.9 TD, 2.0	5380	71
Golf (1H5) Mk III 1.6	5380	71
Golf (1H5) Mk III 1.9 SDI (81kW)	5380	71
Golf (1H5) Mk III 1.9 TDI (66kW)	5380	71
Golf (1H5) Mk III 1.9 TDI (81kW)	5380	71
Golf (1J1) Mk IV 1.4 16V, 1.8, 1.8T, 1.9 SDI	5380	71
Golf (1J1) Mk IV 1.6	5380	71
Golf (1J1) Mk IV 1.8 4motion	5380	71
Golf (1J1) Mk IV 1.9 TDI (81kW)	5380	71
Golf (1J1) Mk IV 1.9 TDI 4motion (66kW)	5380	71
Golf (1J1) Mk IV 1.9 TDI, 1.9 TDI 4motion (74kW)	5380	71
Golf (1J1) Mk IV 1.9 TDI, 1.9 TDI 4motion (96kW)	5380	71
Golf (1J1) Mk IV 2.0	5380	71
Golf (1J1) Mk IV 2.0 4motion, 2.3 V5, 2.3 V5 4 motion	5380	71
Golf (1J1) Mk IV 2.3 V5	5380	71

Volkswagen	Nº ZEN	Pg.
Golf (1J1) Mk IV 2.3 V5 4motion	5380	71
Golf (1J1) Mk IV 2.8 V6 4motion	5380	71
Golf (1J1) Mk IV 3.2 R32 4motion	5380	71
Golf 1.9 TDI, 1.9 TDI 4 motion	5382	71
Golf 1.9D	5409	72
Golf Sportsvan	5729	86
Golf	6014	88
Golf Country 1.9D	5409	72
Golf G3 1.6, 1.8, 1.9, 2, 2.3, 2.8	5378	71
Golf G5 1.9, 2.0 TDI	5378	71
Golf G6 1.6, 2.0 TDI	5378	71
Golf III 1.9 D, TD, GTD, TDI, TDI Syncro	5381	71
Golf III Cabriolet 1.9 TDI	5381	71
Golf III Variant 1.9 D, TD, TDI	5381	71
Golf IV 1.9 SDI, 2.3 V5	5383	71
Golf IV 1.9 TDI (66kW)	5383	71
Golf IV 1.9 TDI (81kW)	5383	71
Golf IV Cabriolet 1.9 TDI	5381	71
Golf Plus 1.6, 2, 1.9	5378	71
Golf Plus V 1.2 TSi	5493	74
Golf Plus V 1.4 FSi, 1.4 TSi	5493	74
Golf Plus V 1.4 TSi	5493	74
Golf V 2.0 GTi	5448	73
Golf V 3.2	5514	76
Golf V 3.2 R32 4motion	5514	76
Golf VI 1.8/2.0 TSi	5448	73
Golf VI 1.2 TSi	5493	74
Golf VI 1.4 TSi	5493	74
Jetta IV	5729	86
Jetta III 1.4 TSi	5493	74
Jetta III 1.9 TDI	5493	74
Jetta III (1K2) 2.5 FSi	5505	75
Jetta III (1K2) 2.5 FSi	5385	71
Jetta III, V 1.4, 1.6, 2.0	5378	71
Jetta IV (162) 2.5 FSi	5505	75
Jetta IV (162) 2.5 FSi	5385	71
Lamando	5729	86
Lavida 1.4 Tsi	5493	74
LT 28-35 2.8 TDI	5425	72
LT 28-46 2.8 TDI	5425	72
Lupo 1.2, 1.4	5378	71
Lupo 1.7SDI	5384	71
Lupo 1.7 SDI	5385	71
Multivan 1.9, 3.2	5378	71
Multivan	5660	82
Multivan	6014	88
Multivan T4 2.5 TDI	5425	72
Multivan T5 2.0 TDI, 2.0 BiTDI, 2.0 BiTDI 4motion, 2.0 TDI, 2.0 TDI 4motion	5514	76
Multivan T5 2.0 TDI, 2.0 TDI 4motion	5514	76
Multivan T5 2.5 TDI	5533	77
Multivan T5 2.5 TDI 4motion	5533	77
Multivan VI	6014	88
New Beetle 2.3 V5	5388	71
New Beetle 1.4, 1.6, 1.8, 1.9, 2, 2.3	5378	71
New Beetle 1.9 TDI	5383	71
New Beetle 2.5 Turbo	5505	75

Volkswagen	Nº ZEN	Pg.
New Beetle Convertible 2.5	5505	75
Octavia Iii	5729	86
Parati III 1.9D	5409	72
Passat 1.6, 1.8, 1.8 20V, 1.8T 20V (3B2,3B5) (74-110kW)	5376	71
Passat 1.8T Syncro, 2.0 (3B2,3B5) (110kW)	5376	71
Passat 1.6, 1.9, 2, 3.2 TDi, FSi	5378	71
Passat (3B2,3B5) 1.6, 1.8, 1.8 20V, 1.9 TDI	5380	71
Passat (3B2,3B5) 1.8, 1.8 20V, 1.9 TDI (66-92kW)	5380	71
Passat (3B2,3B5) 1.9 TDI (74kW)	5380	71
Passat (3B2,3B5) 1.9 TDI (85kW)	5380	71
Passat (3B3,3B6) 1.6, 1.9 TDI, 2.0 (75kW)	5380	71
Passat 1.8, 1.8 Lingyu, 2.0 Lingyu	5380	71
Passat 1.6, 1.8, 1.9 TDI, TD, 2, 2.0 16v	5381	71
Passat 1.9 TDI	5382	71
Passat 2.3 V5 4motion, 2.3 VR5 Syncro/4 motion	5388	71
Passat 2.3 V5, 2.3 VR5	5388	71
Passat 2.3 VR5, 2.3 VR5 Syncro/4motion	5392	72
Passat 1.8 TSi	5448	73
Passat 2.0 FSi	5448	73
Passat 2.0 TFSi	5448	73
Passat 2.0 TSi	5448	73
Passat 1.4 FSi	5493	74
Passat 1.6 FSi	5493	74
Passat 3.2 FSi 4motion	5514	76
Passat 3.6 FSi, 3.6 FSi 4motion, 3.6 R36 4motion	5514	76
Passat	5729	86
Passat	6014	88
Passat CC 1.8 TSi	5448	73
Passat CC 2.0 TSi	5448	73
Passat CC 3.6 4motion	5514	76
Passat Lingyu 1.8 T, 2.0	5380	71
Passat Variant 1.6, 2.0 (3B3,3B6)	5376	71
Passat Variant 1.6, 1.8, 1.9 TDI, TD, 2, 2.0 16v	5381	71
Passat Variant 1.9 TDi	5382	71
Passat Variant 2.3 VR5, 2.3 VR5 Syncro/4motion	5392	72
Passat Variant 1.8 TSi	5448	73
Passat Variant 2.0 TSi	5448	73
Passat, Passat Variant 3.6 FSi 4motion	5514	76
Phaeton 5.0 V10 TDI	5533	77
Phaeton (3D) 3.2 V6	5649	82
Phaeton (3D) 3.2 V6 4Motion	5649	82
Polo 1.2	5374	71
Polo 1.2, 1.4, 1.6, 1.7, 1.9 D, TDi, SDi	5378	71
Polo (6N2) 1, 1.7 SDI, 1.9 D, 1.9 SDI	5380	71
Polo (6N2) 1.4 Tdi	5380	71
Polo (6NF) 1.4	5380	71
Polo (9N) 1.4 16V (59kW)	5380	71
Polo (9N) 1.4 16V (75-101kW)	5380	71
Polo (9N) 1.9 TDI (96kW)	5380	71
Polo (9N) 1.9 TDI, 1.9 SDI (74kW)	5380	71
Polo 1.7SDI, 1.7SDI, 1.7 SDI 60, 1.9D, 1.9D 64, 1.9SDI, 1.9SDI 64	5384	71
Polo (6N1/F) 1.7 SDI, 1.7 SDI 60	5385	71
Polo (6N1/F) 1.9 D, 1.9 D 64	5385	71
Polo (6N1/F) 1.9 SDI, 1.9 SDI 64	5385	71
Polo (6N2) 1.7 SDI, 1.9 D, 1.9 SDI	5385	71
Polo 1.2 TSi	5493	74



Volkswagen	Nº ZEN	Pg.
Polo 1.4 GTI	5493	74
Polo 1.4 TDI	5514	76
Polo 1.9 TDI	5514	76
Polo	5729	86
Polo	6014	88
Polo 64 1.9 D ano	5382	71
Polo Box 1.7SDI 60, 1.9 SDI, 1.9D 64	5384	71
Polo Classic 110 1.9 TDI, 57 1.7 SDI, 64 1.9 SDI, 90 1.9TDI	5381	71
Rabbit V 1.6, 1.9, 2, 3.2	5378	71
Saveiro III 1.9D	5409	72
Scirocco 1.8, 2.0	5378	71
Scirocco 2.0 TSi	5448	73
Scirocco 1.4 TSi	5493	74
Scirocco	5729	86
Scirocco	6014	88
Sharam 1.8, 1.9, 2, 2.8	5378	71
Sharan (7M8,7M9,7M6) 1.9 TDI	5380	71
Sharan (7M8,7M9,7M6) 1.9 TDI, 1.9 TDI 4motion, 2.8 VR6, 2.8 V6 24V 4motion	5380	71
Sharan (7M8,7M9,7M6) 1.9 TDI, 2.0	5380	71
Sharan (7M8,7M9,7M6) 2.0	5380	71
Sharan (7M8,7M9,7M6) 2.0 TDI	5380	71
Sharan (7M8,7M9,7M6) 2.8 VR6	5380	71
Sharan 1.9TDI, 2.0	5381	71
Sharan 1.8 T 20V	5383	71
Sharan 2.0 TSi	5448	73
Sharan 1.4 TSi	5493	74
Sharan	5729	86
Sharan	6014	88
Superb 2.0	5493	74
T Cross 1.0 TSi	5729	86
T Roc	5729	86
T Roc	6014	88
Tiguan 2.0 TDi	5378	71
Tiguan 2.0 TFSi	5448	73
Tiguan 1.4 TSi	5493	74
Tiguan	5729	86
Tiguan Allspace	5729	86
Tiguan	6014	88
Touareg 2.5 R5 TDi	5533	77
Touareg 5.0 R50 TDi	5533	77
Touareg 5.0 V10 TDi	5533	77
Touareg (7P5) 3.0 V6 TDi	5595	79
Touareg (7L6, 7L7) 3.2V6	5649	82
Touareg (7L6, 7L7) 3.2V6 FSI	5649	82
Touran 1.6, 1.9, 2.0 TDi	5378	71
Touran 1.2 TSi 05/2010...	5493	74
Touran 1.4 TSi 02/2006...	5493	74
Touran	5729	86
Touran	6014	88
Transporter 1.9, 2, 3.2	5378	71
Transporter	5660	82
Transporter	6014	88
Transporter IV 2.5 TDI	5425	72
Transporter IV 2 2.4 D	5381	71
Transporter T5 2.0 BITDI, 2.0 BITDI 4motion, 2.0 TDI, 2.0 TDI 4motion	5514	76

Volkswagen	Nº ZEN	Pg.
Transporter T5 2.0 TDI	5514	76
Transporter T5 2.0 TDI,2.0 TDI 4motion	5514	76
Transporter V 2.5, 2.5TDi	5533	77
Up 1.0 EA211	5493	74
Up TSI 1.0 3Cil. EA211	5493	74
UP! 1.0 EcoFuel	5493	74
Up!	5729	86
Variant 2.3 V5 4motion, 2.3 VR5 Syncro/4motion	5388	71
Vento 1.9 D, TD, TDI	5381	71
Volvo	Nº ZEN	Pg.
2 2.0 20V, 2.0 Turbo, 2.3 Turbo	5390	71
C30 1.8, 1.8 FlexFuel, 2, 2.0 FlexFuel	5464	74
C30 1.6 D, 2.0 D	5501	75
C30	5648	82
C70 2.0T	5426	72
C70 2.4T	5426	72
C70 2.5	5426	72
C70 2 2.3T, 2.5T	5426	72
C70 D5	5608	80
C70 I 2.0 20V, 2.0 T, 2.3 T5, 2.5 T	5390	71
C70 II 2.4, 2.4 i, T5	5608	80
C70 II Cabriolet 2.4 i	5668	83
C70 II Cabriolet T5	5608	80
C70 II Convertible 2.0 D	5501	75
Especial/Special 2.0 20V, 2.0 20V Turbo, 2.3 Turbo, 2.4 20V, 2.4 20V Turbo	5390	71
Especial/Special 2.0 Turbo (LS), 2.0 Turbo (LW)	5390	71
Especial/Special 2.3	5390	71
Especial/Special 2.3 (LS), 2.3 (LW)	5390	71
Especial/Special 2.3 20V T-5, 2.3 T5 GLT	5390	71
Especial/Special 2.3 T5	5390	71
Especial/Special 2.3 T5 (LS), 2.3 T5 (LW)	5390	71
Especial/Special 2.3 T5 R	5390	71
Especial/Special 2.3 T5 R (LS), 2.3 T5 R (LW)	5390	71
Especial/Special 2.3 T5 Sport	5390	71
Especial/Special 2.3 T5-R (LS), 2.3 T5-R (LW)	5390	71
Especial/Special 2.3 Turbo R (LS), 2.3 Turbo R (LW)	5390	71
Especial/Special 2.4	5390	71
Especial/Special 2.4 Bifuel	5390	71
Especial/Special 2.4 GLE (LS), 2.4 GLE (LW), 2.5 (LW)	5390	71
Especial/Special 2.4 T5 Sport	5390	71
Especial/Special 2.4 Turbo, 2.5 Turbo	5390	71
Especial/Special 2.5 Bifuel	5390	71
S40 1.8, 1.8 FlexFuel, 2.0	5464	74
S40 I 1.9 DI, 1.9 TD	5389	71
S40 I (VS) - 1.9 DI	5410	72
S40 I (VS) - 1.9 TD	5410	72
S40 I 1.9 DI	5432	73
S40 I (100-147kW) 1.9 T4, 2.0 16V, 2.0 T, 2.0 T4	5516	76
S40 I (77-90kW) 1.6 16V, 1.8 16V	5516	76
S40 I (90kW) 1.8i	5516	76
S40 I (92kW) 1.8i	5516	76
S40 II 2.4	5426	72
S40 II 1.6 D, 2.0 D, 2.0 D4	5501	75
S40 II 2.4	5608	80
S40 II (MS)	5634	81

Volvo	Nº ZEN	Pg.
S40 II (MS)	5648	82
S60 2.5T, R 2.5T, 2.4 D, 2.4 D 5	5425	72
S60 2.0T, 2.3T, 2.3T5, 2.4, 2.4T, 2.4D, 2.4D 5, 2.4 Bifuel, R 2.5T, T5	5426	72
S60	5660	82
S60 I	5634	81
S60 II 2.0T, T5	5589	79
S60 II	5634	81
S60 II	5646	82
S60 II 3.0 T AWD, T6 AWD	5686	84
S70	5390	71
S70 2.5 TDI	5425	72
S70 2, 2.0 10V, 2.0 20V Turbo, 2.3, 2.3 20V Turbo, 2.3 20V T-5, 2.3 T5 GLT	5426	72
S70 2.4, 2.4 16V, 2.4 20V, 2.4 Blu-Fuel, 2.4 Bifuel, 2.4 T5 Sport, 2.4 20V Turbo	5426	72
S70 2.5 10V, 2.5 20V Turbo AWD, 2.5 Bifuel	5426	72
S80 2.4 T, 2.4 T5, 2.4 D, 2.5 TDI	5425	72
S80 2, 2.0T, 2.3 R, 2.4, 2.4 Bifuel, 2.4 LTP, 2.4T, 2.4 T5, 2.4D, 2.4D 5, 2.5 TDI, 2.5 T, 2.8 T6, 2.9	5426	72
S80 2.0T	5589	79
S80	5660	82
S80 II (120kW) 2.4 D (Alt. Bosch 140A)	5425	72
S80 II (120kW) 2.4 D (Alt. Bosch 120/160A) 03/2006...	5426	72
S80 II 2.0 TDI	5450	73
S80 II 2.0 FlexFuel	5504	75
S80 II (AS)	5634	81
S80 II (AS)	5646	82
S80 II (AS) 3.2 AWD, T6 AWD	5686	84
S80 T5	5589	79
V40 1.9 DI, 1.9 TD	5389	71
V40 1.6, 1.8, 1.8 Bi-Fuel, 1.8 Blu-Fuel, 1.9 T4, 1.9 DI, 1.9 TD, 2, 2.0 T, 2.0 T4	5516	76
V40 1.8i ano 03.98-06.04	5516	76
V40 (VW) D3	5668	83
V40 Hatchback	5646	82
V40 Kombi (VW) - 1.9 DI	5410	72
V40 Kombi (VW) - 1.9 TD	5410	72
V50 1.8, 1.8 FlexFuel, 2, 2.0 FlexFuel	5464	74
V50 1.6 D, 2.0 D	5501	75
V50 (MW)	5634	81
V50 (MW)	5648	82
V60 2.0T, T5	5589	79
V60	5634	81
V60 3.0 T AWD, T6 AWD	5686	84
V70 2 2.0 Turbo, 2.4 Turbo, 2.5 Turbo	5426	72
V70 2 2.3, 2.4, 2.4T, 2.5 Bifuel, 2.5 TDI	5426	72
V70 2 2.4 Bifuel	5426	72
V70 2 T5, AWD, VX, 2.4D	5426	72
V70 I	5390	71
V70 I 2.4, 2.5 TDI	5425	72
V70 II	5390	71
V70 II 2.4 D, 2.4 D5, 2.5 T, 2.5 R Sport, R 2.5 T, 2.5 TDI	5425	72
V70 II 2.0T, 2.3, 2.3 T5, 2.4, 2.4 Bifuel, 2.4T, 2.4D, 2.4 D5, 2.5T, 2.5 R Sport, R 2.5 T, 2.5 TDI	5426	72

Volvo	Nº ZEN	Pg.
V70 II (SW)	5634	81
V70 III 2.4 D, 2.4 D5	5426	72
V70 III 2.0 D	5450	73
V70 III 2.0 D	5501	75
V70 III 2.0T, T5	5589	79
V70 III (BW)	5634	81
V70 III (BW)	5646	82
V70 III 2.0 FlexFuel	5504	75
XC 70 Cross Country 2.5 T XC, 2.5 D5 XC	5425	72
XC60 2.0T	5589	79
XC60	5634	81
XC60 3.2	5686	84
XC70 Cross Country 2.4 D5, 2.5 T XC, 2.5 D5 XC	5426	72
XC70 Cross Country	5634	81
XC70 II 2.4 D, 2.4 D5	5426	72
XC70 II	5634	81
XC70 II 3.2 AWD B 6324 S2, B 6324 S4, (168-171kW)	5686	84
XC90 2.5 T, D5	5426	72
XC90 I	5634	81

ZEN	Nº ZEN	Pg.
Universal	5600	90
Universal	12623	90

# ZEN | CONVERSÃO PARA NÚMERO ZEN

Conversion into ZEN Number - Conversión para el Número ZEN

Alfa Romeo	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.
9948225	5642	81	0124A00238	5456	74	F00M147821	5575	78	F00M391124	5668	83
9948513	5576	78	F00M91281	6012	88	F00M147828	5630	81	F00M391125	5452	73
9949129	5576	78	F00M99121	5450	73	F00M147831	5492	74	F00M391135	5561	77
9951162	5379	71	1120591505	5600	90	F00M147854	5532	77	F00M391135	6010	88
9951269	5576	78	1126601534	5382	71	F00M147854	6012	88	F00M391138	5504	75
51860757	5730	86	1126601549	5375	71	F00M147859	5505	75	F00M391139	5634	81
77364148	5496	75	1126601557	5384	71	F00M147875	5611	80	F00M391140	5643	81
77364725	5528	77	1126601559	5383	71	F00M147876	5514	76	F00M391144	5566	77
77365271	5603	80	1126601565	5381	71	F00M147877	5710	85	F00M391146	5494	74
<b>Arrowhead</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1126601566	5382	71	F00M147878	5564	77	F00M391150	5589	79
AMT5026	5688	84	1126601567	5387	71	F00M147880	5641	81	F00M391158	5633	81
<b>Audi</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1126601568	5377	71	F00M147906	5423	72	F00M391159	5458	74
04E903201	5729	86	1126601572	5375	71	F00M147906	5467	74	F00M391160	5461	74
021903119J	5649	82	1126601580	5529	77	F00M147907	5450	73	F00M591105	5732	86
021903119L	5649	82	1126601588	5446	73	F00M147910	5697	84	F00M591117	5630	81
038903119P	5376	71	1126601593	5392	72	F00M147910	6014	88	F00M591124	5732	86
03G903119B	5514	76	1126601596	5534	77	F00M147914	5458	74	F00M591125	5732	86
04E903201A	5729	86	1126601597	5393	72	F00M147936	5492	74	F00M599403	5580	78
04E903201E	5729	86	1127011843	5384	71	F00M147956	5575	78	F00M599420	5732	86
04E903219B	5729	86	1127011844	5383	71	F00M147957	5523	76	F00M599423	5493	74
059903119G	5595	79	1127011846	5381	71	F00M147976	5525	76	F00M599441	5663	83
059903119H	5595	79	1127011847	5382	71	F00M147999	5675	83	F00M599447	5697	84
059903119L	5595	79	1127011848	5387	71	F00M349810	5504	75	F00M599463	5630	81
06B903119A	5632	81	1127011857	5392	72	F00M349813	5634	81	F00M599497	5732	86
06B903119B	5448	73	1127011861	5660	82	F00M349814	5450	73	F00M599498	5732	86
06B903119D	5448	73	6033GC5009	5738	86	F00M349820	5458	74	F00M599500	5663	83
06E903119E	5631	81	6033GD5036	5377	71	F00M349823	5668	83	F00M699408	5455	74
06E903119L	5605	80	F00BL106K	5647	82	F00M349824	5633	81	F00M991016	5426	72
06E903119P	5631	81	F00BL2D45	5721	85	F00M349826	5494	74	F00M991039	5385	71
06E903119Q	5602	79	F00BL3041	5766	87	F00M349827	5463	74	F00M991042	5376	71
06E903119R	5605	80	F00M061005	5660	82	F00M349828	5566	77	F00M991043	5380	71
06E903119T	5739	86	F00M061016	5390	71	F00M349835	5605	80	F00M991044	5388	71
07K903023F	5385	71	F00M061023	5393	72	F00M349860	5561	77	F00M991045	5380	71
8V0903119	5729	86	F00M147193	5456	74	F00M349860	6010	88	F00M991054	5423	72
8V0903119A	5729	86	F00M147613	6012	88	F00M349869	5663	83	F00M991054	5467	74
<b>BMW</b>	<b>Nº ZEN</b>	<b>Pg.</b>	F00M147716	5426	72	F00M349870	5643	81	F00M991061	5426	72
11314466271	5456	74	F00M147722	5376	71	F00M349877	5580	78	F00M991076	5455	74
12317516099	5456	74	F00M147723	5388	71	F00M349878	5452	73	F00M991078	5403	72
12317516103	5458	74	F00M147723	5392	72	F00M349898	5458	74	F00M991090	5409	72
12317552352	5456	74	F00M147724	5380	71	F00M349899	5633	81	F00M991095	5425	72
12317552353	5458	74	F00M147731	5448	73	F00M349903	5589	79	F00M991099	5395	72
12317560483	5458	74	F00M147732	5448	73	F00M349911	5595	79	F00M991105	5515	76
12317560678	5633	81	F00M147735	5515	76	F00M391100	5561	77	F00M991108	5448	73
12317682217	5737	86	F00M147736	5425	72	F00M391100	6010	88	F00M991116	5403	72
4630529301A	5737	86	F00M147736	5660	82	F00M391104	5566	77	F00M991125	5395	72
<b>Bosch</b>	<b>Nº ZEN</b>	<b>Pg.</b>	F00M147746	5458	74	F00M391107	5580	78	F00M991128	5455	74
0001231041	6010	88	F00M147747	5456	74	F00M391108	5452	73	F00M991134	5422	72
01211AD0BC	5504	75	F00M147760	5426	72	F00M391110	5494	74	F00M991138	5461	74
0121C00401	5633	81	F00M147761	5649	82	F00M391112	5504	75	F00M991139	5508	75
01221AA4Z0	5410	72	F00M147764	5450	73	F00M391113	5634	81	F00M991139	6007	88
01221AA6K0	5445	73	F00M147766	5450	73	F00M391118	5580	78	F00M991141	5458	74
01221AA7V0	5410	72	F00M147799	5426	72	F00M391119	5533	77	F00M991142	5456	74
01221AA8F0	5445	73	F00M147800	5493	74	F00M391120	5580	78	F00M991156	5426	72
0124325031	5423	72	F00M147806	5525	76	F00M391121	5452	73	F00M991157	5494	74
0124325031	5467	74	F00M147807	5492	74	F00M391122	5458	74	F00M991167	5649	82

Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Cargo	Nº ZEN	Pg.	Cargo	Nº ZEN	Pg.
F00M991171	5450	73	F00M991376	5376	71	230307	5410	72	236995	5449	73
F00M991172	5675	83	F00M991377	5388	71	230308	5438	73	237263	5649	82
F00M991178	5523	76	F00M991378	5380	71	230310	5411	72	237280	5508	75
F00M991181	5463	74	F00M991388	5383	71	230311	5445	73	237355	5523	76
F00M991181	5590	79	F00M991389	5381	71	230312	5388	71	237500	5578	78
F00M991190	5395	72	F00M991390	5382	71	230313	5379	71	237587	5588	79
F00M991192	5403	72	F00M991391	5377	71	230314	5516	76	237600	5387	71
F00M991204	5493	74	F00M991392	5375	71	230315	5515	76	237610	5501	75
F00M991210	5530	77	F00M991393	5529	77	230519	5390	71	237619	5464	74
F00M991216	5492	74	F00M991394	5660	82	230522	5389	71	237817	5528	77
F00M991217	5525	76	F00M991395	5445	73	230523	5396	72	238068	5527	76
F00M991219	5575	78	F00M991396	5410	72	230525	5573	78	238339	5510	75
F00M991220	5691	84	F00M991397	5384	71	230526	5498	75	238426	5410	72
F00M991221	5452	73	F00M991916	5452	73	230527	5466	74	238690	5454	73
F00M991229	5630	81	F00M991918	5456	74	231584	5423	72	238733	5575	78
F00M991231	5492	74	F00M991932	5514	76	231584	5467	74	238734	5492	74
F00M991232	5426	72	F00M992709	5605	80	232624	5395	72	239914	5561	77
F00M991234	5505	75	F00M992711	5387	71	233530	5456	74	330185	5601	79
F00M991238	5710	85	F00M992717	5390	71	233657	5403	72	330200	5562	77
F00M991240	5508	75	F00M992718	5590	79	233847	5574	78	330221	5440	73
F00M991241	5571	78	F00M992719	5596	79	233989	5500	75	330287	5528	77
F00M991241	6003	88	F00M992723	5423	72	233990	5460	74	330339	5512	76
F00M991246	5508	75	F00M992723	5467	74	234127	5450	73	330356	5504	75
F00M991246	5611	80	F00M992725	5532	77	234149	5437	73	330359	5613	80
F00M991247	5514	76	F00M992725	6012	88	234169	5458	74	330473	5565	77
F00M991248	5564	77	F00M992730	5627	81	234401	5429	73	330516	5584	78
F00M991250	5601	79	F00M992742	5697	84	234569	5374	71	330527	5609	80
F00M991252	5519	76	F00M992742	6014	88	234793	5461	74	330634	5591	79
F00M991255	5463	74	F00M992758	5663	83	234796	5463	74	330850	5502	75
F00M991260	5633	81	F00M992774	5599	79	235021	5431	73	330895	5580	78
F00M991264	5595	79	F00MA47700	5605	80	235157	5408	72	330921	5532	77
F00M991265	5426	72	F00MA47701	5458	74	235331	5409	72	331742	5608	80
F00M991266	5448	73	F00MA47704	5532	77	235424	5511	76	331792	5559	77
F00M991273	5456	74	F00MA47704	6012	88	235439	5519	76	331925	5530	77
F00M991277	5697	84	F00MA47706	5697	84	235476	5506	75	332133	5567	78
F00M991277	6014	88	F00MA47706	6014	88	235478	5529	77	332290	5384	71
F00M991278	5605	80	F00MA47723	5514	76	235479	5495	75	332292	5381	71
F00M991281	5532	77	F010LD1120	5409	72	235494	5462	74	332293	5393	72
F00M991282	5649	82	Cargo	Nº ZEN	Pg.	235503	5457	74	332295	5380	71
F00M991286	5505	75	39555	5520	76	235506	5493	74	332296	5410	72
F00M991287	5514	76	138092	5600	90	235507	5505	75	332297	5379	71
F00M991293	5492	74	138203	5383	71	235508	5566	77	332298	5516	76
F00M991300	5533	77	138282	5384	71	235649	5406	72	332301	5410	72
F00M991301	5458	74	138807	5375	71	235695	5514	76	332303	5403	72
F00M991302	5461	74	139281	5381	71	235696	5496	75	332304	5460	74
F00M991303	5395	72	230292	5393	72	235697	5494	74	332305	5450	73
F00M991304	5393	72	230293	5378	71	235719	5576	78	332306	5461	74
F00M991305	5515	76	230296	5426	72	235720	5452	73	332308	5463	74
F00M991308	5425	72	230297	5411	72	235733	5630	81	332309	5462	74
F00M991313	5575	78	230302	5380	71	235800	5508	75	332311	5449	73
F00M991314	5523	76	230303	5446	73	235873	5507	75	332312	5464	74
F00M991326	5525	76	230304	5376	71	236332	5424	72	332313	5527	76
F00M991371	5571	78	230305	5377	71	236531	5533	77	332314	5454	73
F00M991371	6003	88	230306	5388	71	236762	5455	74	332316	5440	73
F00M991375	5385	71	230306	5392	72	236763	5509	75	332317	5378	71

Cargo	Nº ZEN	Pg.	Chrysler	Nº ZEN	Pg.	Dayco	Nº ZEN	Pg.	Denso	Nº ZEN	Pg.
332319	5377	71	05184136AB	6006	88	ALP2367	5374	71	0210401410	5588	79
332320	5396	72	05184692AB	5690	84	ALP2369	5562	77	0210401441	5428	73
332321	5437	73	51383490AA	5519	76	ALP2371	5492	74	0210401450	5428	73
332486	5428	73	053013554AB	6013	88	ALP2372	5527	76	0210401450	6013	88
333025	5423	72	053013554AC	6013	88	ALP2373	5390	71	0210401570	5496	75
333025	5467	74	053013554AD	6013	88	ALP2375	5409	72	0210401631	5570	78
333062	5503	75	53013554AD	5428	73	ALP2376	5411	72	0210401700	6018	88
333065	5582	78	053013554AE	6013	88	ALP2378	5377	71	0210401811	6006	88
333066	5562	77	53013554AE	5428	73	ALP2379	5463	74	0210401840	6006	88
333071	5589	79	53013579AA	5536	77	ALP2380	5566	77	0210401900	5648	82
333072	5605	80	53034049AA	5519	76	ALP2380	5632	81	0210402090	6006	88
333073	5590	79	68254601AA	5648	82	ALP2381	5529	77	210402210	5695	84
333074	5697	84	A252C5221C	5520	76	ALP2382	5533	77	0210402300	5711	85
333081	5585	78	A252C5221C	6015	88	ALP2383	5516	76	0210402400	5635	81
333083	5396	72	104861513AE	5559	77	ALP2386	5445	73	0210402560	5657	82
333084	5680	83	K04861513AE	5559	77	ALP2387	5411	72	710110750	5460	74
333085	5592	79	<b>Citroën</b>	<b>Nº ZEN</b>	<b>Pg.</b>	ALP2388	5563	77	720110750	5460	74
333087	5411	72	593527	5396	72	ALP2389	5581	78	0810200010	5578	78
333133	5574	78	<b>Cobra</b>	<b>Nº ZEN</b>	<b>Pg.</b>	ALP2390	5396	72	0810200011	5578	78
333134	5533	77	2240	5492	74	ALP2416	5623	80	1042103511	5501	75
333135	5576	78	<b>Dayco</b>	<b>Nº ZEN</b>	<b>Pg.</b>	<b>Delphi</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1042103512	5501	75
333136	5575	78	TA436	5663	83	220682	5529	77	1042103761	5464	74
333429	5732	86	ALP2234	5383	71	10451570	5410	72	1042104880	6002	88
333433	5648	82	ALP2325	5381	71	10453582	5410	72	1210003841	5428	73
333436	5646	82	ALP2326	5375	71	10484670	5498	75	1210003843	5428	73
333453	6011	88	ALP2328	5382	71	10493077	5649	82	1210003846	5428	73
333454	6002	88	ALP2329	5380	71	<b>Denso</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1210410580	5440	73
333687	5716	85	ALP2331	5387	71	8362516	5576	78	1210410580	6011	88
335238	5740	86	ALP2332	5376	71	021319130	5613	80	1210411140	5528	77
D762D799	5410	72	ALP2333	5384	71	021319131	5613	80	1210411241	5428	73
<b>Chrysler</b>	<b>Nº ZEN</b>	<b>Pg.</b>	ALP2335	5378	71	021319132	5613	80	1210411440	5654	82
39555	5520	76	ALP2336	5392	72	55257677	5706	84	1210411450	6013	88
0210400990	6006	88	ALP2337	5393	72	0210101130	6006	88	1210411590	5727	85
04861506AB	5428	73	ALP2338	5410	72	0210101170	6006	88	1210411990	5655	82
04861506AB	6006	88	ALP2339	5438	73	0210101320	6006	88	1210412050	5706	84
04861506AC	5428	73	ALP2340	5385	71	0210101440	6006	88	1210412370	5706	84
4861506AC	6006	88	ALP2342	5388	71	0210101441	6006	88	4210000141	5428	73
4861506AD	5428	73	ALP2343	5379	71	0210400960	5573	78	4210000142	5428	73
4861506AD	6006	88	ALP2345	5389	71	0210400970	5516	76	8980337360	5526	76
04861506AE	6006	88	ALP2347	5419	72	0210401001	5559	77	TN020102090	6006	88
4861506AE	5428	73	ALP2349	5396	72	0210401040	5559	77	MS1210411140	5528	77
4861506AF	5428	73	ALP2350	5448	73	0210401042	5559	77	<b>Febi</b>	<b>Nº ZEN</b>	<b>Pg.</b>
4861506AF	6006	88	ALP2352	5432	73	0210401060	5650	82	11701	5381	71
04861506AG	5428	73	ALP2354	5395	72	0210401070	5567	78	14045	5377	71
04861506AG	6006	88	ALP2355	5425	72	0210401100	5588	79	14064	5383	71
4861513AA	5559	77	ALP2356	5431	73	0210401110	6013	88	14997	5426	72
4861513AB	5559	77	ALP2357	5450	73	0210401130	5428	73	15090	5379	71
4861513AC	5559	77	ALP2358	5449	73	0210401140	5573	78	15153	5411	72
4861513AD	5559	77	ALP2359	5495	75	0210401170	5428	73	15154	5393	72
4861513AE	5559	77	ALP2360	5426	72	0210401180	5559	77	15155	5410	72
04861638AA	6015	88	ALP2361	5437	73	0210401181	5559	77	15156	5438	73
04861638AB	6015	88	ALP2362	5458	74	0210401190	6013	88	15157	5411	72
04891737AB	5507	75	ALP2364	5663	83	0210401241	5428	73	15158	5445	73
04891737AB	6004	88	ALP2365	5494	74	0210401320	5428	73	15165	5377	71
4891767AB	6004	88	ALP2366	5461	74	0210401370	5521	76	15184	5392	72

# ZEN CONVERSÃO PARA NÚMERO ZEN

Conversion into ZEN Number - Conversión para el Número ZEN

Febi	Nº ZEN	Pg.	Ford	Nº ZEN	Pg.	Gates	Nº ZEN	Pg.	General Motors/	Nº ZEN	Pg.
15252	5382	71	3395459	5438	73	OAP7062	5508	75	13266813	5590	79
15254	5380	71	VP2M5UAA	5524	76	OAP7063	5511	76	13285531	5596	79
15256	5446	73	DA8Z10344B	5711	85	OAP7064	5510	75	13582936	5374	71
15258	5387	71	F32Z10344B	5438	73	OAP7065	5494	74	22732028	5521	76
15260	5376	71	4R8310300AB	5428	73	OAP7066	5425	72	24582666	5374	71
15262	5378	71	5M5Q10344AA	5462	74	OAP7067	5384	71	24585484	5374	71
15264	5385	71	5M5Q10344AB	5462	74	OAP7069	5403	72	2548266A	5687	84
15274	5388	71	YC1U10352BA	5408	72	OAP7070	5638	81	2548266A	6026	88
21683	5395	72	1S7U10A352DB	5429	73	OAP7071	5527	76	2548266B	5687	84
21684	5461	74	6G9N10D311AA	5686	84	OAP7072	5377	71	2548266B	6026	88
21685	5574	78	6G9N10D311AB	5686	84	OAP7073	5460	74	2548266C	5687	84
24179	5389	71	9M5Q10A352AA	5648	82	OAP7074	5641	81	2548266C	6026	88
24413	5437	73	AM5Q10A352AA	5646	82	OAP7075	5390	71	2548266D	5687	84
26958	5533	77	CN1Q10A352AA	5664	83	OAP7076	5376	71	2548266D	6026	88
27836	5396	72	D8AE10A352BA	5711	85	OAP7077	5453	73	2548266E	5687	84
27839	5563	77	DA8E10A352BA	5711	85	OAP7078	5503	75	2548266E	6026	88
27840	5566	77	XW4U10A352AA	5438	73	OAP7079	5411	72	2601499A	5687	84
27841	5510	75	YC1U10A352BA	5403	72	OAP7080	5450	73	2601499A	6026	88
28387	5529	77	YM2E10N356AA	5438	73	OAP7081	5410	72	2601628A	5687	84
30029	5449	73	VP3W3U10A352AA	5497	75	OAP7082	5432	73	2601628B	5687	84
Gates	Nº ZEN	Pg.	OAP7083 <td>5559</td> <td>77</td> <td>OAP7083</td> <td>5559</td> <td>77</td> <td>55352897</td> <td>5530</td> <td>77</td>	5559	77	OAP7083	5559	77	55352897	5530	77
37013P	5697	84	OAP7084	5633	81	OAP7084	5633	81	55558734	5611	80
37172P	5761	87	OAP7085	5438	73	OAP7085	5438	73	55560294	5641	81
37182P	5716	85	OAP7086	5581	78	OAP7086	5581	78	55564350	5532	77
Fiat	Nº ZEN	Pg.	OAP7087 <td>5632</td> <td>81</td> <th>OAP7087 <td>5632</td> <td>81</td> <td>55565443</td> <td>5624</td> <td>80</td> </th>	5632	81	OAP7087 <td>5632</td> <td>81</td> <td>55565443</td> <td>5624</td> <td>80</td>	5632	81	55565443	5624	80
9948225	5379	71	OAP7088	5530	77	OAP7088	5530	77	55566587	5626	80
9948225	5642	81	OAP7089	5411	72	OAP7089	5411	72	55567951	5622	80
9948513	5576	78	OAP7090	5493	74	OAP7090	5493	74	55568459	5625	80
9949129	5576	78	OAP7091	5496	75	OAP7091	5496	75	55571966	5532	77
9949580	5388	71	OAP7092	5644	81	OAP7092	5644	81	55571966	6012	88
9949627	5437	73	OAP7093	5466	74	OAP7093	5466	74	55579927	5628	81
9951269	5576	78	OAP7094	5431	73	OAP7094	5431	73	55580127	5628	81
46441617	5560	77	OAP7095	5387	71	OAP7095	5387	71	61895226	5508	75
51860757	5730	86	OAP7096	5663	83	OAP7096	5663	83	61895226	6007	88
55186280	5449	73	OAP7097	5445	73	OAP7097	5445	73	93170214	5455	74
55196301	5642	81	OAP7098	5385	71	OAP7098	5385	71	93172295	5508	75
77362558	5450	73	OAP7102	5524	76	OAP7102	5524	76	93172295	6007	88
77362721	5449	73	OAP7105	5423	72	OAP7105	5423	72	93175986	5674	83
77363303	5437	73	OAP7106	5467	74	OAP7106	5467	74	93178273	5449	73
77363565	5508	75	OAP7106	5523	76	OAP7109	5523	76	93178273	6009	88
77363948	5528	77	OAP7109	5492	74	OAP7110	5492	74	93182514	5576	78
77363954	5396	72	OAP7110	5458	74	OAP7111	5458	74	93185282	5440	73
77363954	6009	88	OAP7111	5424	72	OAP7116	5424	72	93185744	5590	79
77364082	5580	78	OAP7116	5602	79	OAP7139	5602	79	93190867	5432	73
77364616	5654	82	OAP7139	5603	80	OAP7147	5603	80	93192215	5440	73
77364721	6011	88	OAP7147	5728	86	OAP7152	5728	86	93192631	5449	73
77364723	5440	73	OAP7152	5730	86	OAP7153	5730	86	93192631	6009	88
77364797	5604	80	OAP7153	5727	85	OAP7163	5727	85	93297735	5374	71
77364965	5727	85	OAP7163	5456	74	General Motors/	Nº ZEN	Pg.	93387684	5435	73
83616850	5560	77	OAP7055 <td>5410</td> <td>72</td> <td>1051565</td> <td>5688</td> <td>84</td> <td>94745272</td> <td>5535</td> <td>77</td>	5410	72	1051565	5688	84	94745272	5535	77
504088796	5663	83	OAP7056 <td>5461</td> <td>74</td> <td>2601499</td> <td>5687</td> <td>84</td> <td>97186700</td> <td>5454</td> <td>73</td>	5461	74	2601499	5687	84	97186700	5454	73
6013887857	5560	77	OAP7057 <td>5395</td> <td>72</td> <td>2601499</td> <td>6026</td> <td>88</td> <td>97355778</td> <td>5454</td> <td>73</td>	5395	72	2601499	6026	88	97355778	5454	73
Flennor	Nº ZEN	Pg.	OAP7059	5516	76	OAP7059	5516	76	Hitachi	Nº ZEN	Pg.
FGF0002	5428	73	OAP7060	5393	72	OAP7060	5393	72	GD115070	5649	82
FGF0056	5559	77	OAP7061	5388	71	OAP7061	5388	71	GD115071	5595	79
			OAP7061	5392	72	OAP7061	5392	72			
			12638803	5455	74	12638803	5455	74			
			13258483	5623	80	13258483	5623	80			

Hitachi	Nº ZEN	Pg.	Hyundai	Nº ZEN	Pg.	IKA	Nº ZEN	Pg.	IKA	Nº ZEN	Pg.
GD115958	5739	86	373222G500	5594	79	335801	5449	73	353741	5581	78
GD216009	5500	75	373224A300	5592	79	335821	5495	75	353760	5678	83
GD217756	5649	82	373224A310	5592	79	335831	5500	75	353781	5502	75
GD218089	5454	73	373224A320	5713	85	335841	5456	74	353791	5509	75
GD218509	5715	85	373224A321	5713	85	335871	5375	71	353801	5611	80
GD2155541	5431	73	5021040108	5578	78	335881	5408	72	353821	5513	76
GD2160092	5500	75	<b>IAT</b>	<b>Nº ZEN</b>	<b>Pg.</b>	335891	5459	74	353841	5580	78
GD2160093	5500	75	25141	5383	71	335901	5429	73	353901	5440	73
GD2180891	5454	73	39337	5569	78	335921	5530	77	353941	5567	78
L110G7500	5500	75	39555	5520	76	335931	5462	74	353961	5501	75
<b>Honda</b>	<b>Nº ZEN</b>	<b>Pg.</b>	391027	5571	78	335941	5428	73	353971	5464	74
3114159BJ01	5767	87	<b>IKA</b>	<b>Nº ZEN</b>	<b>Pg.</b>	335961	6011	88	354041	5532	77
311415A2A01	5683	84	35441	5680	83	353011	5396	72	354111	5607	80
31141RBDE02	5591	79	335151	5384	71	353021	5526	76	354121	5507	75
31141RLOG01	5598	79	335161	5383	71	353071	5410	72	354151	5503	75
31141RV0A01	5733	86	335171	5381	71	353081	5424	72	354191	5565	77
<b>Hutchinson</b>	<b>Nº ZEN</b>	<b>Pg.</b>	335211	5387	71	353091	5523	76	354231	5613	80
DB0261	5432	73	335231	5446	73	353101	5525	76	354251	5501	75
DB0267	5456	74	335241	5411	72	353141	5463	74	354260	5724	85
D7512RA	5423	72	335251	5390	71	353151	5560	77	354301	5589	79
D7512RA	5467	74	335271	5388	71	353171	5462	74	354311	5605	80
<b>Hyundai</b>	<b>Nº ZEN</b>	<b>Pg.</b>	335281	5431	73	353181	5533	77	354351	5629	81
27500	5578	78	335291	5393	72	353231	5493	74	354361	5588	79
27501	5578	78	335311	5410	72	353261	5492	74	354381	5590	79
K406643	5680	83	335331	5410	72	353271	5519	76	354391	5602	79
K406701	5459	74	335341	5438	73	353281	5454	73	354411	5680	83
21319110	5460	74	335351	5573	78	353311	5457	74	354421	5646	82
252902A000	5763	87	335361	5426	72	353321	5511	76	354491	5591	79
3730004070	5716	85	335371	5498	75	353331	5562	77	354531	5603	80
3730004630	5716	85	335391	5516	76	353351	5566	77	354541	5582	78
3730004635	5716	85	335401	5379	71	353361	5504	75	354551	5610	80
3730004950	5716	85	335411	5380	71	353381	5452	73	354561	5604	80
3730004970	5716	85	335431	5411	72	353401	5575	78	354621	5608	80
373002B770	5716	85	335451	5515	76	353410	5691	84	354631	5592	79
373002B910	5716	85	335461	5389	71	353421	5630	81	354641	5596	79
373002E321	5716	85	335471	5445	73	353431	5505	75	354651	5627	81
373002E821	5716	85	335481	5385	71	353441	5514	76	354661	5585	78
3732003500	5731	86	335491	5419	72	353451	5574	78	354671	5595	79
3732003600	5731	86	335551	5409	72	353460	5737	86	354691	5499	75
373202B000	5716	85	335561	5466	74	353481	5563	77	354701	5598	79
373202E000	5716	85	335571	5395	72	353531	5527	76	354711	5597	79
3732125201	5680	83	335581	5374	71	353541	5524	76	354731	5609	80
3732125301	5613	80	335601	5529	77	353551	5496	75	354741	5628	81
373213A010	5722	85	335611	5651	82	353561	5578	78	354751	5586	79
373213C150	5572	78	335621	5403	72	353571	5528	77	354761	5601	79
373214A000	5459	74	335631	5506	75	353581	5512	76	354771	5599	79
3732204330	5659	82	335641	5460	74	353621	5576	78	354791	5593	79
3732204630	5716	85	335681	5461	74	353631	5571	78	354801	5614	80
3732204950	5716	85	335690	5738	86	353641	5559	77	354811	5626	80
3732227010	5460	74	335711	5455	74	353661	5510	75	354821	5625	80
3732227012	5460	74	335721	5508	75	353671	5561	77	354851	5655	82
3732227020	5661	82	335731	5450	73	353691	5564	77	354891	5658	82
3732227500	5578	78	335740	5681	83	353701	5534	77	354941	5716	85
3732227501	5578	78	335761	5426	72	353721	5686	84	33586 1	5437	73
373222F000	5593	79	335791	5453	73	353731	5654	82	33591 1	5458	74

IKA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.
354060031	5697	84	F238163	5511	76	F558333	5610	80	F583172	5630	81
INA	Nº ZEN	Pg.	F238206	5722	85	F558404	5408	72	F585322	5609	80
F225355	5381	71	F238215	5651	82	F558553	5650	82	F586767	5724	85
F226387	5529	77	F238216	5738	86	F558658	5605	80	F587370	5659	82
F226804	5383	71	F238822	5528	77	F559320	5395	72	F587371	5716	85
F226954	5411	72	F239356	5566	77	F559401	5735	86	F587627	5601	79
F227628	5378	71	F239662	5529	77	F559569	5627	81	F588371	5766	87
F228215	5377	71	F239807	5623	80	F559585	5410	72	F588421	5658	82
F228618	5392	72	F239808	5581	78	F559894	5604	80	F588422	5661	82
F228751	5431	73	F239809	5574	78	F560201	5593	79	F600038	5694	84
F229603	5396	72	F239973	5510	75	F560565	5643	81	F600915	5659	82
F229974	5438	73	F240113	5454	73	F560671	5599	79	F604438	5656	82
F230051	5573	78	F240138	5385	71	F560843	5410	72	F607489	5707	84
F230147	5385	71	F240139	5493	74	F560968	5587	79	F620306	5712	85
F230147	5676	83	F240423	5681	83	F560998	5667	83	F2253554	5381	71
F230209	5409	72	F550213	5575	78	F561464	5562	77	F2253555	5381	71
F230283	5651	82	F550371	5691	84	F561899	5614	80	F2253556	5381	71
F230401	5426	72	F550379	5670	83	F561957	5589	79	F2253557	5381	71
F230753	5498	75	F550395	5737	86	F563248	5623	80	F2256431	5375	71
F230759	5411	72	F550426	5678	83	F563424	5622	80	F2256434	5375	71
F230846	5388	71	F550532	5663	83	F563425	5727	85	F2256435	5375	71
F230866	5642	81	F550883	5585	78	F563432	5736	86	F2256436	5375	71
F231108	5516	76	F551034	5715	85	F563515	5598	79	F2256437	5375	71
F231142	5448	73	F551357	5385	71	F563771	5662	83	F2256438	5375	71
F231618	5466	74	F551357	5505	75	F563788	5726	85	F2256439	5375	71
F232353	5454	73	F552296	5738	86	F563795	5603	80	F2256442	5377	71
F232369	5675	83	F552305	5584	78	F563945	5624	80	F2256444	5377	71
F232600	5419	72	F552562	5612	80	F564313	5677	83	F2256445	5377	71
F233197	5395	72	F552699	5380	71	F564321	5626	80	F2256446	5377	71
F233525	5515	76	F552714	5597	79	F564626	5625	80	F2256447	5377	71
F233591	5497	75	F552861	5611	80	F567525	5567	78	F2256533	5382	71
F233593	5374	71	F553099	5426	72	F567535	5594	79	F2256534	5382	71
F233608	5462	74	F553240	5590	79	F568796	5739	86	F2256535	5382	71
F233834	5738	86	F553322	5641	81	F568860	5645	81	F2256539	5382	71
F233970	5460	74	F553392	5634	81	F568861	5501	75	F2263214	5446	73
F234065	5650	82	F553393	5504	75	F570680	5464	74	F2263215	5446	73
F234359	5506	75	F553448	5564	77	F570753	5424	72	F2263216	5446	73
F234637	5432	73	F553470	5378	71	F570802	5623	80	F2263224	5387	71
F234739	5632	81	F553857	5574	78	F570870	5652	82	F2263225	5387	71
F235492	5457	74	F554710	5640	81	F572716	5493	74	F2263227	5387	71
F235931	5524	76	F554755	5569	78	F572904	5695	84	F2263228	5387	71
F235968	5463	74	F554766	5580	78	F575777	5653	82	F2263877	5529	77
F236001	5527	76	F556058	5718	85	F576346	5493	74	F2269543	5411	72
F236127	5494	74	F556311	5602	79	F576631	5713	85	F2269544	5411	72
F236151	5536	77	F556500	5663	83	F577572	5511	76	F2269545	5411	72
F236528	5458	74	F556599	5389	71	F577572	5612	80	F2269547	5411	72
F236566	5456	74	F556602	5410	72	F579125	5588	79	F2269625	5422	72
F236716	5435	73	F556614	5457	74	F580053	5657	82	F2269628	5422	72
F237045	5638	81	F556615	5429	73	F580303	5591	79	F2284112	5526	76
F237401	5499	75	F557045	5582	78	F580452	5635	81	F2286184	5392	72
F237481	5495	75	F557311	5673	83	F580570	5647	82	F2286185	5392	72
F237653	5533	77	F557564	5668	83	F581342	5592	79	F2287512	5431	73
F237985	5518	76	F557755	5423	72	F581518	5613	80	F2287513	5431	73
F238005	5410	72	F557755	5467	74	F581916	5706	84	F2288241	5393	72
F238120	5523	76	F557928	5440	73	F582200	5608	80	F2288244	5393	72



INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.
F2288246	5393	72	F2336083	5462	74	F22564310	5375	71	F22782009	5425	72
F2288247	5393	72	F2339703	5460	74	F22564311	5375	71	F22782010	5425	72
F2288249	5393	72	F2339704	5460	74	F22564312	5375	71	F22782012	5425	72
F2293635	5410	72	F2339705	5460	74	F22564313	5375	71	F22782013	5425	72
F2293636	5410	72	F2343593	5506	75	F22564407	5377	71	F22782014	5660	82
F2293637	5410	72	F2346371	5432	73	F22565306	5380	71	F22821501	5377	71
F2293639	5410	72	F2346374	5432	73	F22565307	5380	71	F22821502	5377	71
F2296031	5396	72	F2354492	5649	82	F22565308	5382	71	F22821503	5377	71
F2296032	5437	73	F2354921	5457	74	F22565310	5380	71	F22821504	5377	71
F2296033	5437	73	F2354922	5457	74	F22565311	5380	71	F22841102	5526	76
F2296034	5396	72	F2359683	5463	74	F22565312	5382	71	F22841104	5526	76
F2296035	5396	72	F2359685	5463	74	F22565313	5382	71	F22861807	5392	72
F2296036	5437	73	F2359686	5463	74	F22632112	5446	73	F22875102	5431	73
F2296037	5437	73	F2359687	5463	74	F22632204	5387	71	F22875103	5431	73
F2296038	5437	73	F2359688	5463	74	F22632205	5387	71	F22875106	5431	73
F2296433	5410	72	F2359689	5463	74	F22632206	5376	71	F22875107	5431	73
F2296434	5410	72	F2360711	5583	78	F22632207	5387	71	F22882401	5393	72
F2296437	5410	72	F2361271	5494	74	F22632209	5376	71	F22882404	5393	72
F2299743	5419	72	F2361272	5494	74	F22632210	5376	71	F22882406	5393	72
F2299744	5438	73	F2361273	5494	74	F22632211	5376	71	F22882407	5393	72
F2299745	5438	73	F2361274	5494	74	F22632212	5387	71	F22882409	5393	72
F2303292	5410	72	F2361275	5494	74	F22632214	5376	71	F22882410	5393	72
F2303294	5410	72	F2361276	5494	74	F22638704	5529	77	F22882411	5393	72
F2307531	5498	75	F2365661	5456	74	F22638705	5529	77	F22882412	5393	72
F2307533	5498	75	F2365662	5456	74	F22638707	5529	77	F22888102	5389	71
F2307536	5498	75	F2365912	5453	73	F22638708	5529	77	F22888103	5389	71
F2308252	5445	73	F2365914	5453	73	F22638709	5529	77	F22936305	5410	72
F2308253	5445	73	F2365916	5453	73	F22638710	5529	77	F22936306	5410	72
F2308255	5445	73	F2371011	5449	73	F22655604	5384	71	F22936307	5410	72
F2310102	5449	73	F2371012	5449	73	F22655605	5384	71	F22936309	5410	72
F2320012	5461	74	F2371013	5449	73	F22655606	5384	71	F22960302	5437	73
F2320014	5461	74	F2374811	5495	75	F22655607	5384	71	F22960303	5437	73
F2320017	5461	74	F2374812	5495	75	F22655610	5384	71	F22960306	5437	73
F2320018	5461	74	F2384192	5510	75	F22655651	5600	90	F22960307	5437	73
F2320019	5461	74	F2385125	5492	74	F22680404	5383	71	F22960308	5437	73
F2320305	5574	78	F2399122	5496	75	F22680405	5383	71	F22960309	5437	73
F2322881	5500	75	F2399123	5496	75	F22680407	5383	71	F22960310	5396	72
F2322882	5500	75	F2401381	5385	71	F22680408	5383	71	F22960311	5396	72
F2322883	5500	75	F2401391	5493	74	F22680409	5383	71	F22960312	5437	73
F2323531	5454	73	F2401392	5493	74	F22695405	5411	72	F22960313	5437	73
F2323694	5450	73	F2401393	5493	74	F22707904	5390	71	F22960314	5396	72
F2323695	5450	73	F2401394	5493	74	F22707905	5390	71	F22960315	5437	73
F2323697	5450	73	F5501814	5423	72	F22707906	5390	71	F22960316	5437	73
F2323698	5450	73	F5501814	5467	74	F22762804	5378	71	F22964303	5410	72
F2327741	5459	74	F5501815	5423	72	F22762805	5378	71	F22964304	5410	72
F2327743	5459	74	F5501815	5467	74	F22762806	5378	71	F22964307	5410	72
F2327744	5459	74	F5533931	5504	75	F22762807	5378	71	F22964310	5410	72
F2327745	5459	74	F5533932	5504	75	F22762810	5378	71	F22964311	5410	72
F2328543	5429	73	F5547652	5498	75	F22762811	5378	71	F22997403	5419	72
F2328546	5429	73	F5547653	5498	75	F22762812	5378	71	F22997404	5438	73
F2331061	5578	78	F5562342	5519	76	F22782004	5660	82	F22997405	5438	73
F2335931	5374	71	F5566021	5410	72	F22782005	5660	82	F23005102	5573	78
F2335932	5374	71	F535021010	6014	88	F22782006	5660	82	F23005103	5573	78
F2336081	5462	74	F22535510	5381	71	F22782007	5660	82	F23014701	5385	71
F2336082	5462	74	F22535511	5381	71	F22782008	5425	72	F23014702	5385	71

INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.
F23014703	5385	71	F23200109	5461	74	F23435903	5506	75	F23667504	5562	77
F23014704	5385	71	F23203002	5574	78	F23456301	5674	83	F23704502	5638	81
F23014705	5385	71	F23203003	5574	78	F23456302	5674	83	F23710101	5449	73
F23020903	5409	72	F23203004	5574	78	F23456303	5674	83	F23710103	5449	73
F23020904	5409	72	F23203005	5574	78	F23456304	5674	83	F23710104	5449	73
F23028301	5681	83	F23203006	5574	78	F23463704	5432	73	F23740101	5499	75
F23028302	5681	83	F23203007	5574	78	F23473903	5632	81	F23748101	5495	75
F23028303	5681	83	F23203009	5574	78	F23473904	5632	81	F23748102	5495	75
F23032902	5410	72	F23203010	5574	78	F23473905	5632	81	F23800502	5410	72
F23032904	5410	72	F23203011	5574	78	F23544903	5649	82	F23812001	5523	76
F23040102	5426	72	F23203012	5574	78	F23544904	5649	82	F23812002	5523	76
F23040103	5426	72	F23228801	5500	75	F23544905	5649	82	F23816301	5511	76
F23040106	5426	72	F23228802	5500	75	F23549202	5457	74	F23816302	5511	76
F23040107	5426	72	F23228803	5500	75	F23593102	5524	76	F23816303	5511	76
F23040108	5426	72	F23235303	5454	73	F23596801	5463	74	F23816304	5511	76
F23040109	5426	72	F23236902	5675	83	F23596803	5463	74	F23820602	5722	85
F23075301	5498	75	F23236903	5675	83	F23596805	5463	74	F23820603	5722	85
F23075303	5498	75	F23236904	5450	73	F23596806	5463	74	F23820604	5722	85
F23075306	5498	75	F23236905	5450	73	F23596807	5463	74	F23821501	5651	82
F23075901	5411	72	F23236907	5450	73	F23596808	5463	74	F23821502	5651	82
F23075902	5411	72	F23236908	5450	73	F23596809	5463	74	F23821503	5651	82
F23075905	5411	72	F23236909	5675	83	F23596810	5463	74	F23821601	5738	86
F23082504	5445	73	F23260001	5419	72	F23600101	5527	76	F23851202	5492	74
F23082505	5445	73	F23260002	5419	72	F23600102	5527	76	F23851203	5492	74
F23084601	5388	71	F23277401	5459	74	F23607102	5583	78	F23851205	5492	74
F23084602	5388	71	F23277403	5459	74	F23607103	5583	78	F23851206	5492	74
F23084603	5388	71	F23277404	5459	74	F23607104	5583	78	F23882201	5528	77
F23084604	5388	71	F23277405	5459	74	F23607105	5583	78	F23882202	5528	77
F23084605	5388	71	F23285403	5429	73	F23607106	5583	78	F23891801	5590	79
F23086601	5642	81	F23285406	5429	73	F23607107	5583	78	F23891802	5590	79
F23086603	5642	81	F23310603	5578	78	F23607108	5583	78	F23935601	5566	77
F23086604	5379	71	F23310604	5578	78	F23612701	5494	74	F23935602	5566	77
F23086605	5379	71	F23310605	5578	78	F23612702	5494	74	F23935603	5566	77
F23086607	5379	71	F23310606	5578	78	F23612703	5494	74	F23966201	5529	77
F23086608	5642	81	F23319701	5395	72	F23612704	5494	74	F23977901	5631	81
F23086609	5642	81	F23319702	5395	72	F23612705	5494	74	F23977902	5631	81
F23086610	5379	71	F23319703	5395	72	F23612706	5494	74	F23977903	5631	81
F23086611	5379	71	F23319704	5395	72	F23652801	5458	74	F23980801	5581	78
F23086612	5642	81	F23319705	5395	72	F23652802	5458	74	F23980802	5581	78
F23110801	5516	76	F23337901	5534	77	F23652803	5458	74	F23980803	5581	78
F23110802	5516	76	F23337902	5534	77	F23652804	5458	74	F23980804	5581	78
F23114201	5448	73	F23352501	5515	76	F23652806	5458	74	F23980805	5581	78
F23114205	5448	73	F23352504	5515	76	F23652807	5458	74	F23980806	5581	78
F23114208	5448	73	F23352505	5515	76	F23656601	5456	74	F23980901	5574	78
F23161801	5466	74	F23359102	5497	75	F23656602	5456	74	F23980903	5574	78
F23161802	5466	74	F23359303	5374	71	F23656603	5456	74	F23991201	5496	75
F23161803	5640	81	F23359304	5374	71	F23659101	5453	73	F23991202	5496	75
F23161804	5466	74	F23359305	5374	71	F23659102	5453	73	F23991203	5496	75
F23161805	5466	74	F23360801	5462	74	F23659102	5629	81	F23997301	5510	75
F23161806	5640	81	F23360802	5462	74	F23659104	5453	73	F23997302	5510	75
F23200102	5461	74	F23360803	5462	74	F23659105	5629	81	F23997303	5510	75
F23200104	5461	74	F23397002	5460	74	F23659106	5453	73	F23997304	5510	75
F23200106	5461	74	F23397003	5460	74	F23659107	5629	81	F23997305	5510	75
F23200107	5461	74	F23397004	5460	74	F23667502	5562	77	F24002601	5680	83
F23200108	5461	74	F23397005	5460	74	F23667503	5562	77	F24002602	5680	83

INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.	INA	Nº ZEN	Pg.	Kia	Nº ZEN	Pg.
F24002603	5680	83	F55165702	5563	77	F55623401	5519	76	3730003AA0	5716	85
F24002604	5680	83	F55165703	5563	77	F55623402	5519	76	3730003AB0	5716	85
F24002605	5680	83	F55165704	5563	77	F55650001	5663	83	3730003AC0	5716	85
F24002609	5680	83	F55165705	5563	77	F55650002	5663	83	3730003BA5	5716	85
F24002611	5680	83	F55201601	5506	75	F55653301	5565	77	3730004070	5716	85
F24011301	5454	73	F55201603	5506	75	F55659901	5389	71	3730004630	5716	85
F24013801	5385	71	F55238601	5607	80	F55660201	5410	72	3730004635	5716	85
F24013802	5385	71	F55256101	5740	86	F55661401	5457	74	3730004950	5716	85
F24013803	5385	71	F55256103	5740	86	F55661501	5679	83	3730004970	5716	85
F24013901	5493	74	F55256201	5511	76	F55704501	5582	78	373002B770	5716	85
F24013902	5493	74	F55256201	5612	80	F55792801	5440	73	373002B910	5716	85
F24013903	5493	74	F55269901	5380	71	F55843202	5654	82	373002E321	5716	85
F24013904	5493	74	F55269902	5380	71	F55865801	5605	80	373002E821	5716	85
F24013905	5493	74	F55269903	5380	71	F55865802	5605	80	373202B000	5716	85
F55018103	5423	72	F55271401	5597	79	F55932001	5395	72	373202E000	5716	85
F55018103	5467	74	F55271402	5597	79	F55958501	5410	72	373202G700	5765	87
F55018104	5423	72	F55290101	5644	81	F56067102	5599	79	373214X210	5466	74
F55018104	5467	74	F55290102	5644	81	F56195703	5589	79	373214X300	5466	74
F55018105	5423	72	F55290103	5644	81	F56195704	5589	79	373214X301	5466	74
F55018105	5467	74	F55290104	5644	81	F56233101	5596	79	3732204630	5716	85
F55021301	5525	76	F55290105	5644	81	F56324801	5623	80	3732204950	5716	85
F55021302	5575	78	F55290106	5644	81	F56324802	5623	80	3732227010	5460	74
F55021303	5525	76	F55290107	5644	81	F56324803	5628	81	3732227012	5460	74
F55021304	5525	76	F55292301	5426	72	F56753501	5594	79	373222F000	5593	79
F55021306	5630	81	F55309901	5426	72	F56753502	5594	79	373222G500	5594	79
F55021307	5525	76	F55324001	5590	79	F56753503	5594	79	373224A000	5459	74
F55021308	5575	78	F55332201	5641	81	F56886101	5501	75	373224A001	5459	74
F55021309	5575	78	F55339201	5634	81	F56886102	5501	75	373224A300	5592	79
F55021310	5525	76	F55339301	5504	75	F57334101	5714	85	373224A310	5592	79
F55021311	5575	78	F55339302	5504	75	F58005301	5657	82	373224X000	5466	74
F55037101	5691	84	F55347001	5378	71	F58005302	5657	82	OK55218300B	5466	74
F55037901	5670	83	F55347002	5378	71	F58005303	5657	82	<b>Koyo</b> Nº ZEN Pg.		
F55037902	5512	76	F55347004	5378	71	F58191602	5706	84	DCA1834IR	5501	75
F55037903	5670	83	F55347005	5378	71	F58801601	5742	86	WCPN36RCX	5464	74
F55037904	5670	83	F55347006	5378	71	<b>Isuzu</b> Nº ZEN Pg.			WCPN36RDX	5464	74
F55039501	5737	86	F55347007	5378	71	8972293660	5526	76	<b>Lancia</b> Nº ZEN Pg.		
F55039502	5737	86	F55347008	5378	71	8980337360	5526	76	9948225	5642	81
F55042601	5678	83	F55385702	5574	78	<b>Jeep</b> Nº ZEN Pg.			9948513	5576	78
F55048701	5655	82	F55385703	5574	78	05019860AA	5650	82	9949129	5576	78
F55053201	5663	83	F55385704	5574	78	<b>John Deere</b> Nº ZEN Pg.			9949627	5437	73
F55053202	5663	83	F55385705	5574	78	L12669	5534	77	9951269	5576	78
F55088301	5585	78	F55385706	5574	78	362D08C	5534	77	77363303	5437	73
F55088302	5585	78	F55385708	5574	78	L112969	5534	77	<b>Land Rover</b> Nº ZEN Pg.		
F55103401	5715	85	F55385709	5574	78	AL156091	5534	77	LR001470	5686	84
F55135701	5385	71	F55400702	5633	81	AL158161	5534	77	LR001974	5686	84
F55135701	5505	75	F55400703	5633	81	AL161112	5534	77	LR004305	5686	84
F55140601	5514	76	F55405301	5576	78	AL166835	5534	77	<b>Lester</b> Nº ZEN Pg.		
F55140602	5514	76	F55405302	5576	78	AL166836	5534	77	9057	5578	78
F55140603	5514	76	F55471001	5640	81	<b>KDAC</b> Nº ZEN Pg.			11109	5521	76
F55140604	5514	76	F55475501	5569	78	222588	5622	80	11115	5520	76
F55140605	5514	76	F55476502	5498	75	222598	5624	80	11236	5571	78
F55140607	5514	76	F55476503	5498	75	<b>Kia</b> Nº ZEN Pg.			11254	5385	71
F55140608	5514	76	F55476601	5580	78	406607	5459	74	11378	5570	78
F55162301	5595	79	F55601401	5586	79	720110800	5640	81	11460	5505	75
F55165701	5563	77	F55617401	5452	73	OK55418W11	5466	74	13873CP	5536	77

Lester	Nº ZEN	Pg.	Litens	Nº ZEN	Pg.	Litens	Nº ZEN	Pg.	Luk	Nº ZEN	Pg.
79202137	5409	72	920726	6005	88	920667A	5687	84	535004910	5527	76
79202223	5493	74	920731	5561	77	920667A	6026	88	535005010	5395	72
79909045	5516	76	920731	6010	88	920746A	6027	89	535005110	5529	77
79909052	5503	75	920746	6027	89	920810A	6004	88	535005210	5425	72
795092280	5499	75	920752	5428	73	920833A	5705	84	535005310	5431	73
<b>Litens</b>	<b>Nº ZEN</b>	<b>Pg.</b>	920755	5530	77	920905A	5684	84	535005410	5651	82
49908	5687	84	920762	5521	76	920906A	6006	88	535005510	5681	83
49908	6026	88	920768	5520	76	55186280	5396	72	535005610	5422	72
222562	5374	71	920768	6015	88	TN0210402350	5708	84	535005910	5450	73
600615	6013	88	920782	5688	84	<b>Luk</b>	<b>Nº ZEN</b>	<b>Pg.</b>	535006010	5374	71
600693	5449	73	920789	5440	73	535000110	5381	71	535006110	5650	82
600693	6009	88	920789	6011	88	535000210	5375	71	535006210	5453	73
600720	6013	88	920796	5508	75	535000310	5377	71	535006310	5449	73
600726	6005	88	920797	5571	78	535000410	5382	71	535006310	6009	88
600731	6010	88	920797	6003	88	535000510	5380	71	535006410	5495	75
600752	5428	73	920801	5710	85	535000610	5446	73	535006510	5454	73
600789	6011	88	920802	5502	75	535000710	5387	71	535006810	5738	86
600796	5508	75	920802	6002	88	535000810	5376	71	535007030	5403	72
600801	5710	85	920803	5686	84	535000910	5384	71	535007130	5508	75
600802	6002	88	920810	5507	75	535001010	5383	71	535007130	6007	88
600810	6004	88	920810	6004	88	535001110	5411	72	535007210	5426	72
600834	6006	88	920818	5741	86	535001210	5378	71	535007310	5437	73
600856	5532	77	920833	5705	84	535001310	5377	71	535007410	5429	73
600856	6012	88	920833	6001	88	535001410	5392	72	535007510	5456	74
600999	5646	82	920834	5428	73	535001510	5393	72	535007610	5574	78
920004	5406	72	920834	6006	88	535001610	5410	72	535007710	5375	71
920015	5716	85	920844	5685	84	535001710	5438	73	535007810	5651	82
920016	5763	87	920844	6018	88	535001810	5385	71	535007910	5459	74
920019	5716	85	920851	5697	84	535001910	5426	72	535008010	5562	77
920025	5683	84	920851	6014	88	535002010	5411	72	535008110	5492	74
920026	5765	87	920856	5532	77	535002110	5445	73	535008210	5458	74
920027	5711	85	920856	6012	88	535002210	5388	71	535008310	5649	82
920039	5731	86	920892	5743	86	535002310	5379	71	535008410	5494	74
920046	5729	86	920893	6006	88	535002410	5516	76	535008510	5674	83
920058	5767	87	920905	5684	84	535002510	5515	76	535008610	5463	74
920484	5732	86	920906	6006	88	535002610	5390	71	535008710	5638	81
920501	5455	74	920907	5762	87	535002810	5389	71	535008810	5523	76
920538	6006	88	920915	5682	83	535003010	5410	72	535008910	5525	76
920574	5403	72	920916	5648	82	535003110	5573	78	535009010	5457	74
920583	5408	72	920931	5761	87	535003210	5409	72	535009310	5715	85
920599	5559	77	920954	5503	75	535003310	5498	75	535009410	5511	76
920606	5462	74	920954	6005	88	535003410	5466	74	535009510	5493	74
920615	6013	88	920971	6006	88	535003510	5419	72	535009610	5385	71
920629	5508	75	920972	5690	84	535003610	5632	81	535009710	5640	81
920629	6007	88	920979	5730	86	535003710	5506	75	535009810	5462	74
920650	5534	77	920993	5733	86	535003810	5526	76	535009910	5519	76
920667	5687	84	920999	5646	82	535003910	5396	72	535010010	5524	76
920667	6026	88	921703	5574	78	535004110	5448	73	535010110	5574	78
920685	6006	88	1000358	5729	86	535004210	5461	74	535010210	5575	78
920693	5396	72	1000847	5729	86	535004310	5578	78	535010310	5663	83
920693	5449	73	1003808	5646	82	535004410	5500	75	535010410	5737	86
920693	6009	88	1010046	5729	86	535004510	5574	78	535010510	5423	72
920720	5428	73	111020A	5462	74	535004610	5460	74	535010510	5467	74
920720	6013	88	600834A	6006	88	535004710	5660	82	535010610	5691	84
920726	5503	75	920025A	5683	84	535004810	5432	73	535010710	5496	75

Luk	Nº ZEN	Pg.	Luk	Nº ZEN	Pg.	Luk	Nº ZEN	Pg.	Mazda	Nº ZEN	Pg.
535010810	5566	77	535017310	5567	78	535022710	5625	80	LW1818W11	5511	76
535010910	5670	83	535017410	5428	73	535022810	5626	80	RF5C18330	5527	76
535011010	5578	78	535017410	6013	88	535022910	5598	79	RF5C18W11	5527	76
535011110	5563	77	535017510	5686	84	535023010	5730	86	SH0118330	5652	82
535011210	5528	77	535017610	5604	80	535023110	5728	86	SH1A18330	5652	82
535011310	5505	75	535017710	5607	80	535023210	5609	80	U20118W10	5452	73
535011410	5512	76	535017810	5565	77	535023310	5724	85	GY0211W11A	5419	72
535011510	5576	78	535017910	5675	83	535023410	5627	81	GY0218330A	5419	72
535011610	5676	83	535018010	5645	81	535023510	5599	79	GY0218330B	5419	72
535011710	5423	72	535018110	5501	75	535023810	5601	79	GY0218W37Z	5419	72
535011710	5467	74	535018210	5464	74	535023910	5614	80	L3M618W11A	5597	79
535011810	5533	77	535018310	5458	74	535024010	5658	82	L3M618W11B	5597	79
535012010	5408	72	535018410	5424	72	535024110	5661	82	LF1818330A	5511	76
535012110	5634	81	535018710	5583	78	535024210	5628	81	RF5C18330A	5527	76
535012210	5590	79	535018810	5532	77	535024310	5667	83	<b>Melco</b>	<b>Nº ZEN</b>	<b>Pg.</b>
535012310	5630	81	535018810	6012	88	535024510	5713	85	1800A201	5662	83
535012410	5514	76	535018910	5561	77	535024610	5511	76	1800A333	5662	83
535012510	5504	75	535018910	6010	88	535024610	5612	80	A234D037BC	6004	88
535012710	5410	72	535019010	5530	77	535024710	5652	82	A252C5221C	6004	88
535012810	5452	73	535019110	5508	75	535024810	5763	87	A252C5421C	6004	88
535012910	5510	75	535019210	6011	88	535024910	5726	85	A252C54375	5512	76
535013010	5631	81	535019310	5587	79	535025010	5739	86	A252C55075	5582	78
535013110	5534	77	535019410	5629	81	535025210	5646	82	A252C5511C	6004	88
535013210	5499	75	535019610	5559	77	535025610	6004	88	A252C556FE	5614	80
535013410	5529	77	535019710	5428	73	535025910	5648	82	A252C55875	5584	78
535013510	5680	83	535019810	5502	75	535026010	5656	82	A252C55975	5585	78
535013710	5569	78	535019810	6002	88	535026310	5657	82	A252C566FD	5614	80
535013910	5564	77	535019910	5588	79	535026410	5655	82	A628X91171	5438	73
535014010	5581	78	535020010	5589	79	535026510	5653	82	A628X92171	5511	76
535014110	5650	82	535020110	5605	80	535026610	5659	82	<b>Mercedes Benz</b>	<b>Nº ZEN</b>	<b>Pg.</b>
535014210	5722	85	535020210	5622	80	535026710	5662	83	1591500060	5644	81
535014310	5641	81	535020310	5623	80	535026810	5635	81	1661550215	5411	72
535014410	5642	81	535020410	5624	80	535026910	5647	82	2661550115	5510	75
535014510	5612	80	535020710	5602	79	535027110	5716	85	2701550015	5732	86
535014610	5582	78	535020810	5428	73	535027210	5732	86	2701550115	5732	86
535014710	5735	86	535020810	6006	88	535027310	5694	84	2701550215	5732	86
535014910	5678	83	535020910	5503	75	535027610	5697	84	2701550315	5732	86
535015110	5440	73	535020910	6005	88	535027710	5742	86	2711540902	5461	74
535015210	5740	86	535021010	5697	84	535027810	5706	84	2711550016	5461	74
535015310	5584	78	535021110	5590	79	535027910	5729	86	2711550115	5461	74
535015410	5585	78	535021210	5396	72	535028010	5731	86	2711550215	5673	83
535015510	5493	74	535021210	6009	88	535028110	6004	88	2781500060	5644	81
535015910	5736	86	535021310	5603	80	535028210	5743	86	6021500060	5377	71
535016010	5580	78	535021410	5591	79	535029610	5716	85	6041500060	5377	71
535016110	5668	83	535021510	5592	79	535033310	5455	74	6041500160	5375	71
535016210	5497	75	535021610	5593	79	711019900	5600	90	6041500360	5377	71
535016410	5633	81	535021710	5594	79	<b>Mako</b>	<b>Nº ZEN</b>	<b>Pg.</b>	6041500460	5529	77
535016510	5673	83	535021810	5608	80	83653301	5638	81	6041500560	5375	71
535016610	5643	81	535021910	5613	80	<b>Mazda</b>	<b>Nº ZEN</b>	<b>Pg.</b>	6041500660	5529	77
535016710	5610	80	535022110	5727	85	GY0218330	5438	73	6071500060	5630	81
535016810	5644	81	535022210	5595	79	GY021833A	5438	73	6111500160	5393	72
535016910	5611	80	535022310	5679	83	K80118W11	5438	73	6111500360	5410	72
535017010	5586	79	535022410	5596	79	K80118W12	5438	73	6111550015	5410	72
535017110	5654	82	535022510	5597	79	L3M618W11	5597	79	6111550215	5393	72
535017210	5455	74	535022610	5677	83	LF1818330	5511	76	6111550315	5395	72

Mercedes Benz	Nº ZEN	Pg.	Mitsubishi	Nº ZEN	Pg.	Opel	Nº ZEN	Pg.	Renault	Nº ZEN	Pg.
6111550415	5410	72	MN960267	5574	78	1204412	5455	74	8200584039	5432	73
6111550515	5395	72	A252C5321C	5688	84	1204413	5576	78	8200613765	5389	71
6111550615	5393	72	A252C532BC	5688	84	1204419	5611	80	<b>Ruville</b>	<b>Nº ZEN</b>	<b>Pg.</b>
6111550715	5395	72	A252C559FE	5585	78	1204484	5641	81	55153	5411	72
6281500060	5494	74	A252C564FE	5607	80	1204517	5449	73	55164	5574	78
6281550015	5445	73	A628X91371	5419	72	4417573	5432	73	55169	5574	78
6291500060	5566	77	A628X92071	5527	76	6204229	5440	73	55177	5463	74
6401500160	5574	78	<b>Nippondenso</b>	<b>Nº ZEN</b>	<b>Pg.</b>	6204229	6011	88	55185	5563	77
6401500360	5574	78	0210401110	5428	73	6204286	5440	73	55192	5566	77
6401500460	5574	78	0210401450	5428	73	6204889	5454	73	55196	5581	78
6401500560	5574	78	<b>Nissan</b>	<b>Nº ZEN</b>	<b>Pg.</b>	12638803	5455	74	55284	5638	81
6421500062	5494	74	231502W200	5431	73	55186280	6009	88	55293	5462	74
6421500360	5581	78	231502W20A	5431	73	93172295	6007	88	55294	5462	74
6421500660	5581	78	231503TA1B	5694	84	93175986	5674	83	55374	5508	75
6421500760	5563	77	2315100Q0A	5432	73	97229366	5526	76	55376	5576	78
6421500860	5494	74	231511KM1A	5582	78	<b>Peugeot</b>	<b>Nº ZEN</b>	<b>Pg.</b>	55378	5611	80
6461500260	5463	74	231513TA1A	5694	84	574087	5663	83	55379	5641	81
6461500360	5463	74	231515X21A	5614	80	<b>Poong Sung</b>	<b>Nº ZEN</b>	<b>Pg.</b>	55380	5631	81
6461550115	5644	81	231516N200	5500	75	720110740	5466	74	55381	5455	74
6481550015	5463	74	231516N20A	5500	75	720110750	5460	74	55395	5627	81
6681550015	5411	72	231516N20B	5500	75	<b>Porsche</b>	<b>Nº ZEN</b>	<b>Pg.</b>	55473	5425	72
6681550115	5574	78	231516N21A	5735	86	94860313500	5649	82	55487	5376	71
6681550215	5574	78	23151EB301	5522	76	95560315200	5649	82	55583	5432	73
6681550615	5574	78	23151EB30A	5607	80	99660315250	5515	76	55618	5564	77
6681550715	5411	72	23151EL010	5582	78	99760302200	5519	76	55624	5562	77
6681551715	5411	72	23151EN20A	5715	85	99760315400	5515	76	55626	5525	76
9061550215	5738	86	23151JD20A	5582	78	99860302201	5519	76	55638	5647	82
9061550315	5651	82	23151JG71B	5584	78	99860302204	5519	76	55721	5448	73
9061550815	5681	83	A660C300BX	5676	83	9A160395500	5663	83	55722	5660	82
9061551215	5738	86	A660C300EX	5676	83	9A160395501	5663	83	55755	5632	81
9061551315	5651	82	<b>NSK</b>	<b>Nº ZEN</b>	<b>Pg.</b>	<b>Quinton Hazel</b>	<b>Nº ZEN</b>	<b>Pg.</b>	55789	5649	82
9061551515	5681	83	4DFB503238	5598	79	RSE103	5529	77	55966	5450	73
9061552115	5651	82	<b>NTN</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1010103	5529	77	56027	5663	83
A2701550015	5732	86	51206	5424	72	<b>Remy</b>	<b>Nº ZEN</b>	<b>Pg.</b>	56029	5654	82
A2701550115	5732	86	359V11	5588	79	10493077	5649	82	56040	5730	86
A2701550215	5732	86	360V11	5601	79	10511026	5454	73	56045	5706	84
A2701550315	5732	86	370V11	5452	73	<b>Renault</b>	<b>Nº ZEN</b>	<b>Pg.</b>	56324	5493	74
A9061550215	5738	86	<b>Opel</b>	<b>Nº ZEN</b>	<b>Pg.</b>	110616	5423	72	56328	5533	77
A9061551215	5738	86	1204151	5532	77	110616	5467	74	56649	5586	79
<b>Mercury</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1204175	5532	77	7700110616	5423	72	56650	5565	77
VP3W3U10A352AA	5497	75	1204177	5623	80	7700110616	5467	74	56830	5569	78
<b>Mercury USA</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1204178	5622	80	7701055871	5389	71	56831	5607	80
VP3W3U10A352AA	5497	75	1204184	5590	79	7701062985	5492	74	56833	5500	75
<b>Mini</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1204188	5626	80	7701066401	5526	76	56838	5653	82
12317561556	5643	81	1204290	5625	80	7701207807	5389	71	56840	5694	84
12317575518	5643	81	1204291	5624	80	7701476465	5676	83	56962	5567	78
12317576515	5565	77	1204293	5628	81	7701477502	5389	71	56989	5728	86
12317790877	5592	79	1204301	5628	81	7701477507	5432	73	57077	5640	81
<b>Mitsubishi</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1204366	5454	73	7701477689	5423	72	57081	5652	82
1800A061	5612	80	1204376	5455	74	7701477689	5467	74	57117	5646	82
1800A119	5740	86	1204376	5508	75	8200113636	5676	83	57119	5648	82
1800A120	5740	86	1204376	6007	88	8200399801	5670	83	57362	5662	83
1800A313	5612	80	1204378	5674	83	8200489514	5562	77	57525	5732	86
51940511	5406	72	1204392	5449	73	8200548796	5423	72	57713	5724	85
61931122	5406	72	1204393	5530	77	8200548796	5467	74	57716	5656	82

Ruville	Nº ZEN	Pg.	Saab	Nº ZEN	Pg.	SKF	Nº ZEN	Pg.	SKF	Nº ZEN	Pg.
58300	5573	78	12786853	6007	88	VKM03410	5464	74	VKM06401	5438	73
58423	5657	82	93182514	5576	78	VKM03411	5504	75	VKM06403	5527	76
58427	5722	85	<b>Seat</b>	<b>Nº ZEN</b>	<b>Pg.</b>	VKM03413	5524	76	VKM06404	5459	74
58448	5661	82	021903119J	5649	82	VKM03414	5495	75	VKM06500	5578	78
58455	5659	82	021903119L	5649	82	VKM03415	5638	81	VKM06501	5460	74
58620	5650	82	03C903119A	5493	74	VKM03500	5641	81	VKM 03400	5501	75
58621	5428	73	03C903119C	5493	74	VKM03504	5455	74	VKM 06800	5610	80
58833	5651	82	03C903119F	5493	74	VKM03505	5532	77	<b>Skoda</b>	<b>Nº ZEN</b>	<b>Pg.</b>
58865	5681	83	04E903201A	5729	86	VKM03507	5530	77	021903119J	5649	82
58882	5534	77	04E903201E	5729	86	VKM03508	5454	73	021903119L	5649	82
59013	5628	81	04E903219B	5729	86	VKM03509	5440	73	06B903119B	5448	73
59800	5726	85	06B903119B	5448	73	VKM03510	5611	80	06B903119D	5448	73
59911	5634	81	06B903119D	5448	73	VKM03600	5389	71	<b>Ssangyong</b>	<b>Nº ZEN</b>	<b>Pg.</b>
59912	5504	75	8V0903119	5729	86	VKM03601	5492	74	66215531A5	5529	77
59914	5580	78	8V0903119A	5729	86	VKM03602	5432	73	6621553315	5529	77
59916	5630	81	<b>SKF</b>	<b>Nº ZEN</b>	<b>Pg.</b>	VKM03603	5410	72	6621553415	5726	85
59918	5633	81	03826	5574	78	VKM03605	5525	76	<b>Subaru</b>	<b>Nº ZEN</b>	<b>Pg.</b>
59920	5643	81	VKM6100	5424	72	VKM03607	5564	77	23750AA060	5610	80
59921	5610	80	VKM03100	5378	71	VKM03608	5575	78	23750AA070	5612	80
59922	5644	81	VKM03101	5383	71	VKM03609	5431	73	<b>Suzuki</b>	<b>Nº ZEN</b>	<b>Pg.</b>
59925	5464	74	VKM03102	5382	71	VKM03610	5431	73	0210401980	5730	86
59926	5645	81	VKM03103	5385	71	VKM03610	5584	78	3117167J00	5656	82
59929	5458	74	VKM03104	5660	82	VKM03611	5523	76	3117184A10	5724	85
59936	5575	78	VKM03106	5381	71	VKM03615	5562	77	3177168D00	5437	73
59937	5691	84	VKM03107	5380	71	VKM03650	5390	71	3177168D01	5437	73
59938	5578	78	VKM03109	5384	71	VKM03651	5426	72	3177185000	6009	88
59939	5505	75	VKM03111	5374	71	VKM03652	5516	76	3177185E00	5449	73
59943	5582	78	VKM03112	5514	76	VKM03653	5634	81	3177185E00	6009	88
59946	5424	72	VKM03113	5376	71	VKM03810	5644	81	3117162M00000	5730	86
59949	5583	78	VKM03114	5425	72	VKM03811	5445	73	<b>Swag</b>	<b>Nº ZEN</b>	<b>Pg.</b>
59950	5532	77	VKM03115	5533	77	VKM03815	5410	72	10927837	5574	78
59953	5508	75	VKM03116	5448	73	VKM03818	5510	75	20931729	5456	74
59955	5587	79	VKM03117	5632	81	VKM03820	5463	74	20931743	5458	74
59956	5629	81	VKM03118	5493	74	VKM03821	5393	72	40934599	5623	80
59958	5559	77	VKM03119	5392	72	VKM03822	5377	71	55140001	5426	72
59959	5428	73	VKM03120	5387	71	VKM03823	5581	78	55934598	5589	79
59960	6002	88	VKM03124	5505	75	VKM03824	5375	71	70931541	5528	77
59961	5588	79	VKM03200	5379	71	VKM03825	5411	72	<b>SWS</b>	<b>Nº ZEN</b>	<b>Pg.</b>
59964	5622	80	VKM03202	5496	75	VKM03827	5411	72	1335160	5383	71
59965	5623	80	VKM03203	5663	83	VKM03828	5395	72	<b>Toyota</b>	<b>Nº ZEN</b>	<b>Pg.</b>
59966	5624	80	VKM03204	5528	77	VKM03829	5461	74	0210401110	6006	88
59974	6009	88	VKM03205	5508	75	VKM03831	5566	77	0210401130	6006	88
59976	5385	71	VKM03206	5576	78	VKM03833	5563	77	0210401170	6006	88
59978	5592	79	VKM03210	5604	80	VKM03850	5515	76	0210401190	6006	88
59981	5608	80	VKM03211	5730	86	VKM03870	5456	74	0210401320	6006	88
59982	5613	80	VKM03300	5437	73	VKM03871	5410	72	0210401440	6006	88
59983	5727	85	VKM03301	5396	72	VKM03872	5458	74	0210401441	6006	88
59992	5625	80	VKM03302	5450	73	VKM03873	5633	81	0210401450	6006	88
59993	5626	80	VKM03303	5561	77	VKM03881	5565	77	2706000L20	5509	75
<b>Saab</b>	<b>Nº ZEN</b>	<b>Pg.</b>	VKM03305	5453	73	VKM06107	5567	78	2706030080	5513	76
5340393	5526	76	VKM03307	5678	83	VKM06111	5645	81	274150L010	5567	78
5340393	5674	83	VKM03402	5462	74	VKM06200	5500	75	274150L020	5452	73
5543814	5674	83	VKM03405	5403	72	VKM06201	5607	80	274150L030	5567	78
12759596	5528	77	VKM03407	5580	78	VKM06203	5582	78	274150L040	5452	73
12786853	5508	75	VKM03408	5429	73	VKM06400	5466	74	274150Q010	5742	86

Toyota	Nº ZEN	Pg.	Toyota	Nº ZEN	Pg.	Valeo	Nº ZEN	Pg.	Valeo	Nº ZEN	Pg.
274150T010	5428	73	274150W110B	5762	87	595226	5562	77	2605074	5565	77
274150T010	6006	88	274150W120A	5684	84	595239	5563	77	2605442	5449	73
274150T011	5428	73	274150W120B	5684	84	595286	5583	78	2605529	5682	83
274150T011	6006	88	274150W130A	5503	75	595333	5602	79	2605819	5593	79
274150T020	5728	86	274150W130A	6005	88	702052	5682	83	2605916	6027	89
274150T021	5728	86	<b>Triscan</b>	<b>Nº ZEN</b>	<b>Pg.</b>	2220306	5374	71	2605991	5761	87
274150T022	5728	86	8641104017	5529	77	2546778	5378	71	2606665	5562	77
274150T060	6006	88	<b>Trucktec Automotive</b>	<b>Nº ZEN</b>	<b>Pg.</b>	2546914	5574	78	2607575	5594	79
274150T070	5745	86	0217049	5574	78	2546952	5389	71	2610374	5644	81
274150W010	5503	75	<b>Valeo</b>	<b>Nº ZEN</b>	<b>Pg.</b>	2546999	5411	72	2610606	5574	78
274150W010	6005	88	333687	5716	85	2547128	5377	71	2612071	5765	87
274150W020	6006	88	406844	5667	83	2547737	5411	72	2612626	5493	74
274150W040	5502	75	406880	5583	78	2548207	5374	71	2612688	5595	79
274150W040	6002	88	493803	5518	76	2548543	5437	73	2613294	5623	80
274150W041	5502	75	493822	5374	71	2548621	5432	73	2613294	5628	81
274150W041	6002	88	501524	5664	83	2549800	5395	72	2618008	5628	81
274150W042	6002	88	501525	5664	83	2549858	5448	73	2618124	5514	76
274150W050	6001	88	501528	5493	74	2574439	5380	71	2618822	5659	82
274150W051	5705	84	580359	6009	88	2600161	5449	73	2650151	6027	89
274150W051	6001	88	583516	5374	71	2601010	5562	77	2650319	5569	78
274150W052	5705	84	584259	5632	81	2601052	5629	81	2650380	6027	89
274150W052	6001	88	584983	5377	71	2601593	5495	75	265040B	6027	89
274150W060	6005	88	587122	5411	72	2601991	5510	75	265040C	6027	89
274150W061	6005	88	588016	5514	76	2601992	5574	78	2650491	6027	89
274150W062	6005	88	588018	5493	74	2602150	5574	78	2655103	5583	78
274150W063	6005	88	588028	5623	80	2602152	5574	78	2655139	5375	71
274150W110	5762	87	588031	5644	81	2602216	5631	81	2655475	5583	78
274150W130	5503	75	588070	6007	88	2602484	5493	74	2655507	5583	78
2741526010	5609	80	588096	5649	82	2602751	5574	78	2655545	5680	83
2741527011	5424	72	588101	5650	82	2602877	5437	73	2655601	5722	85
2741530010	5609	80	593492	5411	72	2602881	5423	72	2655702	5466	74
2741530011	5609	80	593493	5411	72	2602881	5467	74	2655703	5459	74
2741530020	5567	78	593494	5632	81	2602892	5629	81	2809427	5562	77
2741533010	5645	81	593495	5377	71	2602911	5378	71	4605956	5623	80
2741533020	5588	79	593515	5389	71	2603330	5581	78	K406701	5459	74
2741533050	5613	80	593516	5432	73	2603331	5563	77	K408206	5722	85
2741533060	5601	79	593517	5389	71	2603530	5629	81	2542347A	5411	72
2741533090	5659	82	593600	5378	71	2603537	5574	78	2548703A	5632	81
2741566070	5658	82	593618	5574	78	2603568	5602	79	2600166A	5574	78
274150W010A	5503	75	593625	5461	74	2604051	5583	78	2601499A	5687	84
274150W010A	6005	88	593778	5448	73	2604092	5432	73	2601499A	6026	88
274150W010B	5503	75	593782	5495	75	2604093	5389	71	2601628A	6027	89
274150W010B	6005	88	593832	5453	73	2604099	5448	73	2601628B	6027	89
274150W010C	5503	75	593860	5449	73	2604126	5644	81	2607575A	5594	79
274150W010C	6005	88	593891	5396	72	2604130	5586	79	2650406B	5741	86
274150W0130	6005	88	593891	6009	88	2604159	5595	79	2650406C	5741	86
274150W020A	6006	88	593907	5437	73	2604211	5423	72	31251073	5432	73
274150W020B	6006	88	593920	5631	81	2604211	5467	74	A634825A	5501	75
274150W040A	5502	75	593930	5574	78	2604504	5378	71	265031900	5569	78
274150W040A	6002	88	593960	5581	78	2604507	5631	81	6Y3725552	5374	71
274150W040B	5502	75	593977	5510	75	2604510	5448	73	A628X91371	5419	72
274150W040B	6002	88	593999	5378	71	2604640	5644	81	<b>Valeo Korea</b>	<b>Nº ZEN</b>	<b>Pg.</b>
274150W040C	5502	75	595203	5411	72	2604641	5581	78	K406700	5466	74
274150W040C	6002	88	595210	5423	72	2604651	5604	80	<b>Vauxhall Opel</b>	<b>Nº ZEN</b>	<b>Pg.</b>
274150W052A	5705	84	595210	5467	74	2604787	5514	76	1204392	5449	73



Visnova	Nº ZEN	Pg.
854180	5528	77
854274	5523	76
Visteon	Nº ZEN	Pg.
1S7U10A352DB	5429	73
1S7U10A352EA	5429	73
VP2C1U10A352AA	5408	72
VP2M5U10A352AA	5524	76
VP2PSU10A352BA	5457	74
VP2PSU10A352CA	5457	74
VP3W3U10A352AA	5497	75
VP5L8U10A352AA	5499	75
VP6L8U10A352AA	5499	75
VP6R3U10A352AA	5438	73
VP6S4U10A352AA	5524	76
VM Motori MSY	Nº ZEN	Pg.
MSY836251600	5576	78
Volkswagen	Nº ZEN	Pg.
593514	5410	72
593539	5410	72
593904	5410	72
595203	5410	72
2547655	5410	72
2549815	5410	72
2603341	5410	72
2604332	5410	72
028903165	5382	71
038903119	5380	71
038903119	5383	71
038903165	5383	71
045903119	5514	76
04E903201	5729	86
058903165	5387	71
071903165	5392	72
07K903119	5385	71
021903119H	5425	72
021903119J	5649	82
021903119K	5425	72
021903119L	5649	82
022903119B	5380	71
022903119D	5380	71
028903119P	5381	71
028903119S	5384	71
028903119T	5382	71
028903165B	5381	71
377903015	5409	72
038903119J	5380	71
038903119L	5388	71
038903119M	5380	71
038903119P	5376	71
038903119Q	5385	71
03D903119A	5374	71
045903119A	5514	76
04E903201A	5729	86
04E903201E	5729	86
04E903219B	5729	86

Volkswagen	Nº ZEN	Pg.
058903119C	5387	71
06B903119B	5448	73
06B903119D	5448	73
06H903119A	5697	84
06H903119B	5697	84
06H903119B	6014	88
06H903201C	5697	84
06H903201D	5697	84
070903201C	5533	77
070903201E	5533	77
071903119B	5392	72
074903119E	5660	82
078903119G	5446	73
07K903023A	5385	71
07K903119A	5385	71
8V0903119	5729	86
028903119AA	5381	71
028903119AJ	5409	72
028903119AN	5382	71
028903119AP	5384	71
028903119AQ	5381	71
8V0903119A	5729	86
0289033119AC	5380	71
Volvo	Nº ZEN	Pg.
3345812	5389	71
8641982	5389	71
8658644	5425	72
8666579	5501	75
8676496	5426	72
8676497	5426	72
9459747	5426	72
9472909	5516	76
30659849	5646	82
30667067	5501	75
30667610	5504	75
30667682	5634	81
30667878	5426	72
30667980	5668	83
30737517	5426	72
30750109	5686	84
30750409	5686	84
30782701	5516	76
31251071	5389	71
31285489	5589	79
31288893	5646	82
Woodauto	Nº ZEN	Pg.
EC4067	5384	71
EC4068	5383	71
EC4074	5388	71
EC4077	5393	72
EC4080	5392	72
EC4088	5411	72
EC4225	5390	71
EC4230	5410	72
EC4231	5573	78

Woodauto	Nº ZEN	Pg.
EC4234	5389	71
EC4238	5395	72
EC4377	5578	78
Yale	Nº ZEN	Pg.
9404328	5390	71
12317516105	5410	72
12317536960	5410	72
12317550001	5410	72
12317570152	5410	72

AES New	Nº ZEN	Pg.	BMW	Nº ZEN	Pg.	BMW	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.
40181N	5406	72	12317521488	5410	72	12318507625	5623	80	0121542002	5395	72
<b>Alfa Romeo</b>	<b>Nº ZEN</b>	<b>Pg.</b>	12317521488	5456	74	12318509022	5623	80	0121542202	5395	72
51787208	5440	73	12317521489	5456	74	12318509023	5623	80	0121545402	5395	72
51787209	5440	73	12317521490	5410	72	12318509024	5623	80	0121545402	5651	82
51854898	5603	80	12317521490	5458	74	12318578608	5623	80	0121615002	5580	78
51854903	5603	80	12317521491	5410	72	12318578609	5623	80	0121615003	5452	73
60816045	5379	71	12317521491	5458	74	12318579419	5623	80	0121615005	5634	81
77364721	5440	73	12317532964	5456	74	12318579420	5623	80	0121615006	5504	75
<b>Arrowhead</b>	<b>Nº ZEN</b>	<b>Pg.</b>	12317532965	5458	74	<b>Bosch</b>	<b>Nº ZEN</b>	<b>Pg.</b>	0121615009	5450	73
AMT0126	5406	72	12317532966	5458	74	4185	5423	72	0121615010	5458	74
<b>Audi</b>	<b>Nº ZEN</b>	<b>Pg.</b>	12317532968	5410	72	4185	5467	74	0121615011	5686	84
06A903119	6014	88	12317532968	5456	74	4277	5423	72	0121615012	5643	81
06D903016	5448	73	12317532969	5458	74	4277	5467	74	0121615013	5533	77
06H903119	6014	88	12317532970	5458	74	4613	5456	74	0121615014	5668	83
06J903119	5697	84	12317533268	5456	74	4627	5456	74	121615014	5668	83
06J903119	6014	88	12317533272	5410	72	4724	5456	74	0121615017	5663	83
06K903219	5697	84	12317533272	5456	74	4824	5530	77	0121615021	5450	73
06K903219	6014	88	12317542351	5633	81	E6125A	5571	78	0121615025	5533	77
TG16C011	5631	81	12317542529	5458	74	LRB460	5423	72	0121615026	5533	77
06B903016S	5632	81	12317543083	5458	74	LRB460	5467	74	0121615027	5643	81
06E903016E	5631	81	12317550469	5633	81	AL0798X	5395	72	0121615028	5450	73
06E903016F	5631	81	12317550967	5458	74	AL0801X	5395	72	0121615029	5533	77
06E903016G	5631	81	12317551254	5458	74	AL6438X	6006	88	0121615114	5668	83
06E903016K	5631	81	12317551256	5458	74	AL6474X	5570	78	121615114	5668	83
06E903016M	5604	80	12317553009	5643	81	AL6537X	6006	88	0121615127	5643	81
06E903016T	5605	80	12317555926	5458	74	AL6550X	6006	88	0121715001	5561	77
06E903018H	5605	80	12317558219	5633	81	AL8812N	6003	88	0121715001	6010	88
06H903017E	5448	73	12317558220	5633	81	AL8812X	5571	78	0121715004	5533	77
06H903119A	6014	88	12317560985	5633	81	AL8812X	6003	88	0121715008	5634	81
06H903119B	6014	88	12317560986	5633	81	AL8821X	5521	76	0121715009	5686	84
06H903201C	6014	88	12317562388	5643	81	AL9409X	5516	76	0121715012	5458	74
06H903201D	6014	88	12317574365	5643	81	10366268	5691	84	0121715016	5633	81
06H903201H	5697	84	12317575650	5643	81	014154002	5463	74	0121715017	5633	81
06H903201H	6014	88	12317575873	5643	81	15208915	5691	84	0121715018	5633	81
06H903219C	5697	84	12317576513	5565	77	028903030	5378	71	0121715022	5605	80
06H903219C	6014	88	12317576514	5565	77	045903023	5378	71	0121715024	5450	73
06J903023C	5448	73	12317591268	5709	85	0101540302	5375	71	0121715033	5533	77
06B903016AA	5632	81	12317591271	5709	85	0101541602	5375	71	0121715042	5514	76
06B903016AE	5448	73	12317604782	5643	81	0101544902	5375	71	0121715049	5514	76
06B903016AF	5448	73	12317613445	5643	81	0101547402	5375	71	0121715050	5605	80
<b>Beck Arnley</b>	<b>Nº ZEN</b>	<b>Pg.</b>	12317628243	5493	74	0101547702	5375	71	0121715075	5605	80
1861037	5383	71	12317676907	5737	86	0101549602	5395	72	0121715077	5514	76
1861038	5383	71	12317790879	5592	79	0111540502	5375	71	0121715078	5605	80
1861051	5383	71	12317794970	5450	73	0111547802	5395	72	0121715101	6010	88
<b>BMW</b>	<b>Nº ZEN</b>	<b>Pg.</b>	12317802261	5623	80	0120468080	5381	71	0121715116	5633	81
12314487081	5458	74	12317802619	5623	80	0120468119	5381	71	0121715117	5633	81
12317516101	5458	74	12317805432	5623	80	0120468120	5381	71	0121715118	5633	81
12317516721	5410	72	12317806779	5450	73	0120468145	5738	86	0121715142	5514	76
12317516722	5410	72	12317808073	5623	80	0120469020	5381	71	0121715177	5514	76
12317516723	5410	72	12317823343	5623	80	0120469021	5381	71	0121715180	5595	79
12317516723	5458	74	12317823344	5623	80	0120469115	5651	82	0121813003	5566	77
12317516724	5410	72	12317823345	5623	80	0120469117	5651	82	01220AA1P0	5445	73
12317521176	5458	74	12317823347	5623	80	0120469118	5651	82	0123310001	5381	71
12317521177	5458	74	12318507623	5623	80	0120469931	5381	71	0123310019	5381	71
12317521384	5458	74	12318507624	5623	80	0120469932	5381	71	0123310035	5381	71

Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.
0123310035	5383	71	0124315010	5448	73	0124415025	5508	75	0124425139	5575	78
0123310038	5384	71	0124315012	5385	71	0124415025	6007	88	0124425140	5575	78
0123310049	5381	71	0124315019	5403	72	0124415026	6007	88	0124425208	5575	78
0123315501	5534	77	0124315019	5736	86	0124415031	5679	83	0124425525	5575	78
0123320007	5381	71	0124315020	5409	72	0124415032	5403	72	0124510072	5529	77
0123320027	5381	71	0124315027	5403	72	0124415040	5423	72	0124515001	5515	76
0123320029	5375	71	0124315027	5736	86	0124415040	5467	74	0124515004	5455	74
0123320032	5383	71	0124315033	5452	73	0124415041	5423	72	0124515014	5426	72
0123320033	5384	71	0124315034	5452	73	0124415041	5467	74	0124515015	5515	76
0123320036	5384	71	0124315037	5514	76	0124425004	5508	75	0124515019	5426	72
0123320038	5381	71	0124315046	5452	73	0124425004	6007	88	0124515024	5388	71
0123320041	5377	71	0124325014	5385	71	0124425009	5455	74	0124515024	5392	72
0123320046	5377	71	0124325018	5380	71	0124425013	5528	77	0124515025	5376	71
0123320047	5375	71	0124325020	5388	71	0124425015	5530	77	0124515026	5380	71
0123320048	5384	71	0124325020	5392	72	0124425018	5492	74	0124515029	5426	72
0123320049	5529	77	0124325021	5385	71	0124425029	5525	76	0124515031	5455	74
0123320051	5393	72	0124325030	5456	74	0124425030	5691	84	0124515042	5515	76
0123320054	5392	72	0124325039	5395	72	0124425033	6007	88	0124515054	5426	72
0123320055	5382	71	0124325041	5409	72	0124425034	5423	72	0124515059	5448	73
0123320059	5383	71	0124325045	5456	74	0124425034	5467	74	0124515061	5395	72
0123320062	5375	71	0124325046	5395	72	0124425037	5575	78	0124515062	5461	74
0123320065	5393	72	0124325047	5523	76	0124425038	5564	77	0124515064	5395	72
0123325006	5384	71	0124325049	5380	71	0124425040	5508	75	0124515067	5514	76
0123340003	5381	71	0124325062	5456	74	0124425040	6007	88	0124515073	5515	76
0123510038	5377	71	0124325072	5456	74	0124425040	6007	88	0124515083	5380	71
0123510044	5375	71	0124325076	5409	72	0124425041	5508	75	0124515084	5395	72
0123510045	5387	71	0124325087	5456	74	0124425048	5611	80	0124515088	5461	74
0123510047	5383	71	0124325088	5425	72	0124425048	6007	88	0124515089	5422	72
0123510049	5377	71	0124325093	5395	72	0124425049	5571	78	0124515091	5395	72
0123510058	5375	71	0124325096	5523	76	0124425049	6003	88	0124515096	5508	75
0123510075	5375	71	0124325096	5523	76	0124425053	5508	75	0124515096	6007	88
0123510080	5377	71	0124325100	5403	72	0124425053	6007	88	0124515098	5458	74
0123510082	5393	72	0124325101	5381	71	0124425058	5532	77	0124515098	5458	74
0123510082	5393	72	0124325105	5393	72	0124425058	6012	88	0124515110	5425	72
0123510091	5392	72	0124325105	5395	72	0124425058	6012	88	0124515112	5590	79
0123510099	5383	71	0124325114	5422	72	0124425059	5532	77	0124515114	5395	72
0123510101	5377	71	0124325114	5422	72	0124425059	6012	88	0124515115	5395	72
0123510102	5375	71	0124325116	5456	74	0124425060	5641	81	0124515118	5395	72
0123510107	5393	72	0124325122	5663	83	0124425061	5611	80	0124515126	5534	77
0123510108	5393	72	0124325141	5514	76	0124425063	5691	84	0124515189	5535	77
0123510108	5393	72	0124325142	5514	76	0124425063	5691	84	0124520014	5425	72
0123510109	5390	71	0124325142	5514	76	0124425071	5525	76	0124525009	5448	73
0123510109	5390	71	0124325166	5534	77	0124425071	5575	78	0124525010	5380	71
0123515003	5382	71	0124325170	5395	72	0124425074	5492	74	0124525017	6007	88
0123515017	5381	71	0124325172	5532	77	0124425074	5492	74	0124525019	5526	76
0123515018	5383	71	0124325172	6012	88	0124425075	5564	77	0124525020	5388	71
0123515020	5381	71	0124325172	6012	88	0124425077	5395	72	0124525027	5675	83
0123515021	5383	71	0124325185	5423	72	0124425081	5575	78	0124525028	5423	72
0123520004	5446	73	0124325185	5467	74	0124425082	5575	78	0124525028	5467	74
0123520008	5375	71	0124325185	5467	74	0124425082	5575	78	0124525029	5425	72
0123520010	5375	71	0124325190	5514	76	0124425084	5596	79	0124525035	5450	73
0123520014	5660	82	0124325221	5532	77	0124425085	5590	79	0124525038	5493	74
0123520023	5393	72	0124325221	6012	88	0124425087	5590	79	0124525042	5458	74
0124041140	5425	72	0124325248	5736	86	0124425089	5571	78	0124525045	5458	74
01240AA7BB	6007	88	0124415007	5423	72	0124425096	5532	77	0124525048	5458	74
0124120007	5737	86	0124415007	5467	74	0124425096	6012	88	0124525056	5515	76
0124225055	5601	79	0124415013	5423	72	0124425097	5532	77			
0124315006	5385	71	0124415013	5467	74	0124425097	6012	88			
			0124415013	5467	74	0124425097	6012	88			
			0124415014	5423	72	0124425100	5627	81			
			0124415014	5467	74	0124425114	5492	74			

Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.
0124525057	5515	76	0124615026	5649	82	0125711111	5663	83	028903028C	5378	71
0124525058	6007	88	0124615027	5675	83	0125711112	5663	83	028903028D	5378	71
0124525059	5458	74	0124615028	5461	74	0125711127	5697	84	028903028E	5378	71
0124525060	5426	72	0124615031	5533	77	0125711127	6014	88	028903030A	5378	71
0124525064	5663	83	0124615032	5395	72	0125711128	5697	84	036903024A	5378	71
0124525069	5525	76	0124615033	5395	72	0125711128	6014	88	038903018Q	5378	71
0124525074	5493	74	0124615035	5395	72	0125711151	6014	88	038903023J	5378	71
0124525076	5492	74	0124615042	5395	72	0125711152	5697	84	038903023K	5378	71
0124525083	5458	74	0124625002	5463	74	0125711152	6014	88	038903023L	5378	71
0124525086	6007	88	0124625003	5426	72	0125716009	5697	84	038903023Q	5378	71
0124525088	5448	73	0124625006	5395	72	0125716009	6014	88	038903023R	5378	71
0124525089	5380	71	0124625013	5533	77	0125716010	5697	84	038903023S	5378	71
0124525093	5493	74	0124625014	5463	74	0125716010	6014	88	038903024B	5378	71
0124525095	5505	75	0124625017	5445	73	0125811004	5729	86	038903024D	5378	71
0124525096	5630	81	0124625018	5533	77	0125811008	5514	76	038903024F	5378	71
0124525097	5710	85	0124625019	5463	74	0125811026	5493	74	038903024G	5378	71
0124525100	5564	77	0124625020	5395	72	0125811033	5729	86	03P903023E	5378	71
0124525102	5385	71	0124625022	5395	72	0125811035	5514	76	045903023A	5378	71
0124525103	5505	75	0124625024	5426	72	0125811039	5663	83	045903023B	5378	71
0124525105	5519	76	0124625033	5463	74	0125811040	5663	83	06F903023F	5378	71
0124525106	5519	76	0124625040	5493	74	0125811043	5599	79	06F903023J	5378	71
0124525107	5515	76	0124625040	5494	74	0125811044	5599	79	0986036790	5381	71
0124525107	5519	76	0124625045	5463	74	0125811074	5729	86	0986038370	5381	71
0124525113	5697	84	0124655091	5599	79	0125811088	5493	74	0986039090	5381	71
0124525113	6014	88	0125525114	5514	76	0125811111	5729	86	0986039450	5381	71
0124525115	5718	85	0125525146	5514	76	0125811112	5729	86	0986040320	5384	71
0124525125	5663	83	0125711001	5580	78	0125811113	5493	74	0986040800	5529	77
0124525126	5450	73	0125711011	5643	81	0125811114	5493	74	0986040860	5383	71
0124525129	5519	76	0125711014	5668	83	0125812002	5493	74	0986040880	5384	71
0124525137	5492	74	125711014	5668	83	0125813009	5493	74	0986040930	5384	71
0124525146	5514	76	0125711017	5580	78	0126312007	5455	74	0986040950	5381	71
0124525154	5519	76	0125711018	5452	73	0126312008	5455	74	0986041000	5383	71
0124525156	5519	76	0125711030	5732	86	0126312089	5455	74	0986041010	5383	71
0124525174	6012	88	0125711034	5514	76	0126312090	5455	74	0986041300	5381	71
0124525188	5493	74	0125711039	5663	83	0126312101	5455	74	0986041850	5423	72
0124525200	5493	74	0125711040	5668	83	0126312102	5455	74	0986041850	5467	74
0124525201	5493	74	125711040	5668	83	0126312119	5455	74	0986042530	5395	72
0124525210	5697	84	0125711044	5697	84	0126601565	5381	71	0986042650	5403	72
0124525210	6014	88	0125711044	6014	88	0131540002	5463	74	0986042650	5736	86
0124525215	5385	71	0125711048	5668	83	0131540902	5566	77	0986042720	5423	72
0124525216	5599	79	125711048	5668	83	0131541002	5395	72	0986042720	5467	74
0124525226	5697	84	0125711051	5697	84	0131541102	5395	72	0986042770	5423	72
0124525528	5676	83	0125711051	6014	88	0131543202	5395	72	0986042770	5467	74
0124525530	5514	76	0125711053	5668	83	0131543402	5395	72	0986042800	5455	74
0124525537	5492	74	125711053	5668	83	0131545902	5463	74	0986042840	5425	72
0124555063	5599	79	0125711055	5732	86	0131549002	5463	74	0986042840	5426	72
0124615003	5425	72	0125711068	5732	86	0141540702	5463	74	0986042921	5438	73
0124615006	5425	72	0125711078	5643	81	0141542702	5395	72	0986043650	5395	72
0124615009	5448	73	0125711081	5514	76	0141542703	5395	72	0986043660	5395	72
0124615015	5395	72	0125711083	5663	83	021903026A	5378	71	0986043690	5515	76
0124615018	5395	72	0125711087	5732	86	021903026G	5378	71	0986043890	5681	83
0124615019	5395	72	0125711090	5697	84	021903026L	5378	71	0986043900	5395	72
0124615021	5380	71	0125711090	6014	88	022903028A	5378	71	0986043910	5395	72
0124615022	5461	74	0125711093	5732	86	022903028B	5378	71	0986044010	5508	75
0124615025	5395	72	0125711094	5732	86	028903026H	5378	71	0986044010	6007	88

Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Bosch	Nº ZEN	Pg.	Chrysler	Nº ZEN	Pg.
0986044020	5508	75	F000BL0131	5452	73	F000BL08C8	5493	74	04801490AA	5507	75
0986044020	6007	88	F000BL0132	5452	73	F000BL08D0	5492	74	04801490AA	6004	88
0986044340	5448	73	F000BL01A1	5452	73	F000BL08F2	5729	86	4801490AA	6004	88
0986044400	5675	83	F000BL01A3	5452	73	F000BL08J1	5493	74	04801778AF	5690	84
0986045370	5403	72	F000BL0457	5647	82	F000BL08J2	5493	74	04801779AG	6006	88
0986045370	5736	86	F000BL0458	5647	82	F000BL08K5	5493	74	4801779AG	6006	88
0986045420	5463	74	F000BL04C3	5492	74	F000BL08K6	5493	74	04801865AC	5690	84
0986046007	5534	77	F000BL04C4	5492	74	F00E100026	5668	83	04852629AA	5395	72
0986046010	5383	71	F000BL04C5	5492	74	F00E100186	5691	84	04868429AB	5559	77
0986046130	5456	74	F000BL04C6	5492	74	F00M061016	5390	71	04868429AC	5559	77
0986046150	5455	74	F000BL04K7	5493	74	F00M147723	5388	71	04868429AD	5559	77
0986046160	5448	73	F000BL04K8	5493	74	F00M147808	5385	71	04868430AB	6006	88
0986046180	5448	73	F000BL04R1	5493	74	F00M991044	5388	71	4868430AB	5428	73
0986046210	5388	71	F000BL04R2	5493	74	F00M991139	6007	88	4868430AB	6006	88
0986046240	5675	83	F000BL0602	5493	74	F00M991218	5385	71	04868430AC	6006	88
0986046270	5456	74	F000BL0603	5493	74	F00M991246	6007	88	4868430AC	5428	73
0986046280	5523	76	F000BL0622	5599	79	F00M991285	5385	71	4868430AC	6006	88
0986046320	5395	72	F000BL0639	5452	73	F00M991377	5388	71	04868430AD	6006	88
0986046520	5515	76	F000BL0663	5493	74	F010LD0205	5409	72	4868430AD	5428	73
0986047140	5515	76	F000BL0664	5493	74	F010LD0206	5409	72	4868430AD	6006	88
0986047240	5458	74	F000BL0670	5721	85	F042304066	5736	86	04868430AE	6006	88
0986047260	5403	72	F000BL06Y0	5766	87	A0101549502	5393	72	4868430AE	5428	73
0986047350	5675	83	F000BL06Y1	5766	87	A0101549602	5393	72	4868430AE	6006	88
0986047360	5423	72	F000BL0704	5663	83	A0111547002	5393	72	04868430AF	6006	88
0986047360	5467	74	F000BL0732	5395	72	LIX14M25180	5561	77	4868430AF	6006	88
0986047380	5426	72	F000BL0741	5493	74	HD8E14V75140A	5599	79	4868430AH	6006	88
0986047460	5395	72	F000BL07AD	5455	74	<b>Bosch Newman</b>	<b>Nº ZEN</b>	<b>Pg.</b>	04868431AB	6006	88
0986047470	5425	72	F000BL07AE	5455	74	AL7601N	5406	72	4868431AB	5428	73
0986047500	5426	72	F000BL07AS	5492	74	<b>Cargo</b>	<b>Nº ZEN</b>	<b>Pg.</b>	4868431AB	6006	88
0986047800	5566	77	F000BL07AT	5492	74	111828	5381	71	04868431AC	6006	88
0986047910	5580	78	F000BL07AU	5492	74	112420	5390	71	4868431AC	5428	73
0986047920	5452	73	F000BL07AV	5492	74	112543	5383	71	4868431AC	6006	88
0986048040	5492	74	F000BL07N1	5493	74	<b>Chrysler</b>	<b>Nº ZEN</b>	<b>Pg.</b>	04868431AD	6006	88
0986048070	5508	75	F000BL07P3	5707	84	513886AA	5395	72	4868431AD	5428	73
0986048070	6007	88	F000BL07YC	5492	74	4686430AF	5428	73	4868431AD	6006	88
0986048090	5515	76	F000BL07YD	5492	74	4686430AF	6006	88	04868431AF	6006	88
0986048240	5530	77	F000BL07ZU	5492	74	4686430AH	5428	73	4868431AF	5428	73
0986048620	5508	75	F000BL07ZV	5492	74	04801311AD	5570	78	4868431AF	6006	88
0986048781	6011	88	F000BL0800	5514	76	4801311AD	5570	78	04868431AG	6006	88
0986048950	5381	71	F000BL0801	5493	74	4801322AB	6015	88	4868431AG	5428	73
0986049030	5525	76	F000BL0802	5493	74	04801323AB	5507	75	4868431AG	6006	88
0986049030	5575	78	F000BL0803	5697	84	04801323AB	6004	88	04868760AD	6006	88
0986049151	5457	74	F000BL0803	6014	88	4801323AB	5507	75	4868760AD	5428	73
0986080290	5676	83	F000BL0814	5492	74	4801323AB	6004	88	4868760AD	6006	88
0986080810	5668	83	F000BL0818	5493	74	04801323AC	5507	75	04868760AE	6006	88
986080810	5668	83	F000BL0829	5697	84	04801323AC	6004	88	4868760AE	5428	73
0986083150	6014	88	F000BL0829	6014	88	4801323AC	5507	75	4868760AE	6006	88
038903018QX	5378	71	F000BL0841	5492	74	4801323AC	6004	88	04868760AF	6006	88
038903024F3	5378	71	F000BL0861	5729	86	04801323AD	5507	75	4868760AF	5428	73
6033GB3010	5681	83	F000BL0862	5729	86	04801323AD	6004	88	4868760AF	6006	88
6033GB3030	5377	71	F000BL0863	5493	74	4801323AD	5507	75	04868760AH	6006	88
6033GB3031	5377	71	F000BL0864	5493	74	4801323AD	6004	88	4868760AH	5428	73
6033GB3040	5377	71	F000BL08A0	5514	76	04801477AA	5507	75	4868760AH	6006	88
9120456024	5422	72	F000BL08A1	5493	74	04801477AA	6004	88	4869400AB	5520	76
0986044 910	5448	73	F000BL08A5	5492	74	4801477AA	6004	88	4869900AB	6015	88

Chrysler	Nº ZEN	Pg.	Citroën	Nº ZEN	Pg.	Denso	Nº ZEN	Pg.	Denso	Nº ZEN	Pg.
04869900AC	5520	76	8602556	5389	71	1012101331	5727	85	1042102802	5428	73
04869900AC	6015	88	9653459080	6010	88	1012101430	5730	86	1042102802	6006	88
4869900AC	5520	76	9657129680	6010	88	1012101440	5730	86	1042102840	6005	88
4869900AC	6015	88	9666997980	5565	77	1012101640	5730	86	1042102960	5743	86
05080464AB	5395	72	9666998080	5565	77	1012101710	5730	86	1042103180	5526	76
05080464AC	5395	72	B000771980	5742	86	1012108610	6011	88	1042103320	5635	81
05080464AD	5395	72	B000912080	5742	86	1012108620	6011	88	1042103370	5526	76
5103886AA	5395	72	V757712180	5643	81	1012108630	6011	88	1042103410	5509	75
5134204AA	5395	72	<b>Crysler</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1022110500	5516	76	1042103411	5509	75
5134205AA	5395	72	56041578AD	5428	73	1022110870	5573	78	1042103513	5501	75
1210003842	6013	88	56041578AE	5428	73	1022112770	5588	79	1042103550	5608	80
56029696AA	5704	84	56044672AB	5428	73	1022112780	5588	79	1042103560	5608	80
56041578AD	5428	73	<b>Dacia</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1022112810	5567	78	1042103720	5428	73
56041578AD	6013	88	7701473636	5423	72	1022115660	5645	81	1042103732	5592	79
56041578AE	5428	73	7701473636	5467	74	1022115670	5509	75	1042103761	5464	74
56041578AE	6013	88	7701476809	5423	72	1022115671	5509	75	1042103780	6002	88
56044530AA	6013	88	7701476809	5467	74	1022118020	5509	75	1042103911	5591	79
56044530AB	6013	88	7701477712	5423	72	1022118610	5396	72	1042104101	5613	80
56044530AC	6013	88	7701477712	5467	74	1042101060	5657	82	1042104140	5521	76
56044532AA	5536	77	<b>Delphi</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1042101140	5598	79	1042104240	6013	88
56044532AA	6013	88	AD237	5498	75	1042101150	5598	79	1042104241	6013	88
56044532AB	5536	77	1500550	5410	72	1042101240	5733	86	1042104410	5521	76
56044532AB	6013	88	1501750	5410	72	1042101450	5717	85	1042104450	5513	76
56044532AC	5536	77	1502550	5410	72	1042101461	6006	88	1042104470	5503	75
56044532AC	6013	88	3211739	5498	75	1042101600	5733	86	1042104470	6005	88
56044532AD	5536	77	3211829	5498	75	1042101731	5635	81	1042104471	6005	88
56044532AD	6013	88	3211869	5498	75	1042101890	5733	86	1042104570	6005	88
56044672AA	6013	88	3342485	5498	75	1042102050	5503	75	1042104571	5503	75
56044672AB	5428	73	30044707	5410	72	1042102050	6005	88	1042104571	6005	88
56044672AB	6013	88	<b>Denso</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1042102051	5503	75	1042104572	6005	88
RL801624AD	6006	88	SC2160A	5521	76	1042102051	6005	88	1042104573	6005	88
RL801779AG	6006	88	SC2160A	5559	77	1042102090	6005	88	1042104574	6005	88
P04801624AD	6006	88	021319261	5661	82	1042102100	6005	88	1042104640	5608	80
P04801778AF	5690	84	021319262	5661	82	1042102140	6005	88	1042104660	5502	75
P04801865AC	5690	84	021319391	5640	81	1042102141	6005	88	1042104660	5656	82
P048011779AG	6006	88	51863675	5708	84	1042102250	6006	88	1042104660	6002	88
<b>Citroën</b>	<b>Nº ZEN</b>	<b>Pg.</b>	51984063	5706	84	1042102270	6006	88	1042104680	5503	75
C6	6010	88	51984064	5706	84	1042102320	5658	82	1042104680	6005	88
5702G8	5586	79	51993773	5707	84	1042102340	6006	88	1042104740	6005	88
5702H0	5453	73	52021968	5708	84	1042102341	6006	88	1042104750	6005	88
5702H4	5453	73	102101720	5655	82	1042102350	5762	87	1042104790	5502	75
5702H9	5643	81	210402090	6006	88	1042102351	5762	87	1042104790	6002	88
5702K7	5586	79	1002132950	5578	78	1042102352	5762	87	1042104810	5502	75
5702L2	5580	78	1002132990	5578	78	1042102362	5762	87	1042104810	6002	88
5702L3	5643	81	1012100160	5528	77	1042102470	5743	86	1042104811	5502	75
5702NA	5453	73	1012100161	5528	77	1042102471	5743	86	1042104811	6002	88
5705CJ	6010	88	1012100910	5728	86	1042102472	5743	86	1042104860	5591	79
5705EA	5580	78	1012100950	6011	88	1042102520	5658	82	1042104880	5502	75
5705EJ	6010	88	1012100951	6011	88	1042102560	5762	87	1042104880	6002	88
5705JG	5643	81	1012100960	6011	88	1042102570	5762	87	1042104881	5502	75
5705JV	5586	79	1012100961	6011	88	1042102610	5762	87	1042104881	6002	88
5705KF	5643	81	1012100970	6011	88	1042102660	5591	79	1042104890	6005	88
5705KG	5565	77	1012100971	6011	88	1042102780	5496	75	1042105020	5496	75
5705NF	5586	79	1012101320	5603	80	1042102801	5428	73	1042105350	5728	86
5705NH	5675	83	1012101321	5603	80	1042102801	6006	88	1042105380	5685	84

Denso	Nº ZEN	Pg.	Denso	Nº ZEN	Pg.	Denso	Nº ZEN	Pg.	Fiat	Nº ZEN	Pg.
1042105380	6018	88	1210004551	5536	77	4210000304	5428	73	51718502	5654	82
1042105390	6006	88	1210004551	6013	88	4210000304	6006	88	51727335	6009	88
1042105480	6006	88	270600Q160	5742	86	4210000510	5570	78	51727338	5528	77
1042105481	6006	88	270600Q180	5742	86	4210000512	5570	78	51727339	5528	77
1042105490	6006	88	2706030020	5509	75	4210000750	6006	88	51734825	5496	75
1042105491	6006	88	2706030060	5509	75	4210000770	6006	88	51764265	5528	77
1042105510	6005	88	2706033010	5645	81	4210007040	5690	84	51784845	5449	73
1042105511	6005	88	2706033020	5645	81	4210007041	5690	84	51784846	5449	73
1042105512	6005	88	4210000011	5428	73	4210007050	5690	84	51787208	5440	73
1042105700	5648	82	4210000011	6006	88	4210007051	5690	84	51787208	6011	88
1042105710	5648	82	4210000012	5428	73	9688237380	5655	82	51787209	5440	73
1042106160	6006	88	4210000012	6006	88	9806007480	5655	82	51787209	6011	88
1042106251	5709	85	4210000013	5428	73	RX868429AD	5559	77	51787210	5440	73
1042106310	6006	88	4210000013	6006	88	SR02101031	5720	85	51787210	6011	88
1042106410	5695	84	4210000021	5428	73	TG42109010	5509	75	51787214	6011	88
1042106561	5711	85	4210000021	6006	88	MS1012101111	6011	88	51788658	5654	82
1042106571	5711	85	4210000022	5428	73	MS1042119051	5708	84	51793678	5528	77
1042107020	6006	88	4210000022	6006	88	MS1210411580	5603	80	51805799	5440	73
1042107090	5567	78	4210000023	5428	73	TG1042112480	5745	86	51805800	5440	73
1042108040	5598	79	4210000023	6006	88	TN1022110500	5516	76	51805800	6011	88
1042108230	5705	84	4210000024	5428	73	<b>Dixie</b>	<b>Nº ZEN</b>	<b>Pg.</b>	51805801	5440	73
1042108230	6001	88	4210000024	6006	88	A6282	5383	71	51820622	5727	85
1042108232	5705	84	4210000025	5428	73	A6283	5383	71	51820623	5730	86
1042108232	6001	88	4210000025	6006	88	A6285	5383	71	51820624	5730	86
1042108300	5733	86	4210000026	5428	73	A6389	5381	71	51829383	5440	73
1042108342	6006	88	4210000026	6006	88	A6389	5383	71	51854901	5528	77
1042108450	6001	88	4210000027	5428	73	A6475	5395	72	51854902	5528	77
1042108590	5705	84	4210000027	6006	88	A6476	5395	72	51854903	5654	82
1042108590	6001	88	4210000028	5428	73	A80056	5406	72	51854909	5440	73
1042108591	5705	84	4210000028	6006	88	<b>Dodge</b>	<b>Nº ZEN</b>	<b>Pg.</b>	51854910	5440	73
1042109820	5742	86	4210000081	5559	77	04801475AA	5519	76	51854910	6011	88
1042110120	5704	84	4210000081	6013	88	04801475AB	5519	76	51854911	5440	73
1042111450	5717	85	4210000082	5559	77	<b>Dubois</b>	<b>Nº ZEN</b>	<b>Pg.</b>	51854912	5440	73
1042113110	5728	86	4210000086	5559	77	940181	5406	72	51854912	6011	88
1042113710	5767	87	4210000086	6013	88	<b>Fiat</b>	<b>Nº ZEN</b>	<b>Pg.</b>	51854914	5440	73
1042114040	5706	84	4210000141	5428	73	2542693	5453	73	51854914	6011	88
1042119050	5708	84	4210000141	6006	88	2542832	5453	73	51854915	5440	73
1042119051	5708	84	4210000142	5428	73	46748353	5560	77	51854915	6011	88
1210003490	5650	82	4210000142	6006	88	46748353	5576	78	51854916	5440	73
1210003490	6013	88	4210000145	5428	73	46763533	5576	78	51854916	6011	88
1210003841	6013	88	4210000145	6006	88	46763534	5576	78	51854917	5727	85
1210003842	6013	88	4210000222	5428	73	46765838	5576	78	51855875	5440	73
1210003843	6013	88	4210000222	6006	88	46774428	5576	78	51855875	6011	88
1210003846	6013	88	4210000223	5428	73	46774429	5576	78	51859043	5654	82
1210003850	6013	88	4210000223	6006	88	46774430	5576	78	51859052	5576	78
1210003851	6013	88	4210000225	5428	73	46782213	5576	78	51859053	5576	78
1210004240	6013	88	4210000225	6006	88	46782218	5379	71	51859058	5528	77
1210004390	6013	88	4210000300	5428	73	46782218	5576	78	51884351	5730	86
1210004391	6013	88	4210000300	6006	88	46809068	5560	77	51884886	5730	86
1210004520	5536	77	4210000301	5428	73	46809068	5576	78	55185075	5396	72
1210004520	6013	88	4210000301	6006	88	46823540	5576	78	55185075	5449	73
1210004521	6013	88	4210000302	5428	73	46823547	5449	73	55185075	6009	88
1210004540	5536	77	4210000302	6006	88	46835095	5449	73	55185076	5396	72
1210004550	5536	77	4210000303	5428	73	50500728	5496	75	55185076	6009	88
1210004550	6013	88	4210000303	6006	88	51718499	5449	73	60815944	5576	78

Fiat	Nº ZEN	Pg.	Ford	Nº ZEN	Pg.	Ford	Nº ZEN	Pg.	Ford	Nº ZEN	Pg.
60816557	5576	78	1201206	5462	74	1M5T10300BD	5462	74	6C1T10300CC	5452	73
60816954	5576	78	1219711	5462	74	1S7T10300CA	5429	73	6G9N10300HA	5634	81
63321315	5379	71	1221059	5462	74	1S7T10300CB	5429	73	6G9N10300HB	5634	81
63321507	5560	77	1229258	5501	75	1S7T10300CC	5429	73	6G9N10300HC	5634	81
63321859	5379	71	1256552	5464	74	1S7T10300CD	5429	73	6G9N10300HD	5634	81
63321859	5560	77	1301377	5462	74	1S7T10300CE	5429	73	6G9N10300JB	5634	81
63377004	5560	77	1301496	5524	76	2C1T10300AA	5403	72	6G9N10300JD	5634	81
71723401	5388	71	1303447	5457	74	2C1T10300AB	5679	83	6G9N10300LA	5686	84
71733552	5453	73	1307487	5462	74	2C1T10300AF	5679	83	6G9N10300XA	5450	73
71748885	5453	73	1379699	5464	74	2C1T10300BA	5403	72	6G9N10300XB	5450	73
71749232	5453	73	1379699	5504	75	2C1T10300BA	5736	86	6L8T10300CB	5499	75
73501591	5576	78	1379701	5634	81	2M5V10300AA	5524	76	6L8Z10346CB	5499	75
73503235	5576	78	1387927	5450	73	2M5Z10346AB	5524	76	6L8Z10346MA	5499	75
77363954	6009	88	1388002	5504	75	2MSU10300AA	5524	76	6M5T10300SA	5668	83
77364082	5580	78	1388004	5634	81	2S6T10300AA	5457	74	6W7T10300AA	5406	72
77364721	5440	73	1404791	5580	78	2S6T10300AB	5457	74	6W7T10300AB	5406	72
504009978	5388	71	1404792	5452	73	2S6T10300BA	5437	73	7G9N10300EA	5450	73
504057813	5663	83	1435647	5450	73	2S7T10300AA	5495	75	7H1210300AA	5452	73
504087183	5663	83	1450641	5462	74	3M5T10300JC	5608	80	8M5T10300PA	5648	82
504204173	5663	83	1455494	5450	73	3M5T10300JD	5608	80	8M5T10300PB	5648	82
504280012	5604	80	1458640	5450	73	3M5T10300PB	5501	75	8M5T10300YA	5648	82
504385137	5663	83	1464756	5457	74	3M5T10300PC	5501	75	8M5T10300YB	5648	82
504385138	5663	83	1464782	5429	73	3M5T10300PD	5501	75	8V2110300AB	5629	81
5801580941	5663	83	1464788	5457	74	3M5T10300SC	5608	80	8V2110300BB	5629	81
9610787780	5437	73	1469391	5464	74	3M5T10300SD	5608	80	98AB10300JE	5462	74
9621791480	5396	72	1469391	5504	75	3M5T10300VC	5464	74	98AB10300JF	5462	74
9636060780	5437	73	1477737	5501	75	3M5T10300VD	5464	74	98AB10300JG	5462	74
9640878780	5437	73	1477856	5457	74	3S6T10300AA	5457	74	98VW10300AA	5383	71
9645907580	5437	73	1477859	5457	74	3S6T10300AB	5457	74	98VW10300BA	5383	71
9646065180	5678	83	1541451	5668	83	3S6T10300AC	5457	74	9G9N10300AA	5589	79
9646065480	5450	73	1581843	5580	78	3W3U10300AA	5497	75	9G9N10300BA	5589	79
9646321780	5453	73	1581844	5452	73	3W3Z10346AA	5497	75	9G9N10300BB	5589	79
9646321780	5629	81	3395459	5438	73	4S4T10300BA	5524	76	AB3910300AE	5452	73
9649611280	5453	73	3395461	5438	73	4S4T10300BC	5524	76	AE8T10300BA	5714	85
9658144680	5580	78	4371030	5679	83	4S4T10300BD	5524	76	BK2T10300BB	5580	78
9659918080	5580	78	4392207	5679	83	4S4Z10346BA	5524	76	BR3T10300JC	5743	86
9661544880	5453	73	4407889	5679	83	4S4Z10346BB	5524	76	CN1510300CB	5664	83
9676143580	5580	78	4461712	5403	72	4W7310300AC	5406	72	CN1510300DA	5766	87
<b>Ford</b>	<b>Nº ZEN</b>	<b>Pg.</b>	4461712	5736	86	4W7Z10346AC	5406	72	CR3T10300AC	5717	85
1S7TCA	5429	73	30667118	5634	81	5L8T10300MA	5499	75	DN1510300AB	5664	83
1S7TCB	5429	73	30667119	5634	81	5L8T10300MC	5499	75	E4B510300DA	5721	85
1S7TCC	5429	73	36000037	5634	81	5S4T10300BB	5524	76	FW7310346AC	5406	72
1S7TCD	5429	73	36000038	5634	81	5S4T10300BD	5524	76	G9N10300ADB	5450	73
1S7TCE	5429	73	6C1T10300	5452	73	5S4T10300DA	5499	75	YC1T10300BC	5403	72
1097304	5524	76	7H1210300	5452	73	5S4T10300DB	5499	75	YC1T10300BC	5408	72
1120213	5429	73	1ST10300CB	5464	74	5S4T10300DC	5499	75	YC1T10300BC	5736	86
1120213	5464	74	1ST10300CC	5464	74	5S4Z10346BA	5524	76	YC1T10300BD	5403	72
1140135	5457	74	1ST10300CD	5464	74	5S4Z10346DA	5499	75	YC1T10300BD	5408	72
1140136	5437	73	BR3Z10346C	5743	86	5S4Z10346DB	5499	75	YC1T10300BD	5736	86
1140694	5429	73	CR3Z10346A	5717	85	6C1T10300BA	5580	78	YC1T10300BE	5403	72
1140694	5464	74	DG1T10300B	5711	85	6C1T10300BB	5580	78	YC1T10300BE	5736	86
1144182	5462	74	DG1Z10346D	5711	85	6C1T10300BC	5580	78	YC1T10300BG	5408	72
1144183	5462	74	1C1T10300BB	5506	75	6C1T10300BD	5580	78	YC1T10300BG	5736	86
1151213	5429	73	1M5T10300BB	5462	74	6C1T10300CA	5452	73	YC1T10300BH	5403	72
1151213	5464	74	1M5T10300BC	5462	74	6C1T10300CB	5452	73	YC1T10300BH	5408	72



Ford	Nº ZEN	Pg.	General Motors/	Nº ZEN	Pg.	General Motors/	Nº ZEN	Pg.	Honda	Nº ZEN	Pg.
YC1T10300BH	5736	86	13243463	5440	73	93184952	6007	88	31100RFGW01	5598	79
YC1T10300BJ	5403	72	13256928	5440	73	93184953	6007	88	31100RFGW51	5598	79
YC1T10300BJ	5408	72	13501719	5677	83	93185260	5440	73	31100RLOG01	5598	79
YC1T10300BJ	5736	86	13502580	5677	83	93185261	5440	73	31100RLOG51	5598	79
1S7T15K600CA	5429	73	13502988	5682	83	93188158	5641	81	31100RLOG61	5591	79
1S7T15K600CB	5429	73	13502989	5761	87	93189013	5492	74	31100RSRE01	5591	79
1S7T15K600CC	5429	73	13505392	5623	80	93189248	5530	77	31100RSXG01	5598	79
6G9N10300ABA	5464	74	13577154	5623	80	93190828	6007	88	31100RV0A01	5733	86
6G9N10300ABA	5504	75	13579114	5677	83	93190915	5440	73	31100RZ0G01	5598	79
6G9N10300ABB	5504	75	13579676	5677	83	93191541	5432	73	311005A2A02RM	5683	84
6G9N10300ABC	5464	74	13579677	5374	71	93198275	5492	74	311005A2AA000M2	5683	84
6G9N10300ABC	5504	75	13580078	5677	83	93322958	5422	72			
6G9N10300ADA	5450	73	13588289	5623	80	93396398	5518	76	<b>Hyundai</b>	<b>Nº ZEN</b>	<b>Pg.</b>
6G9N10300ADB	5450	73	13588303	5623	80	94745270	5535	77	3730003500	5731	86
6GN9N10300MA	5686	84	13588305	5623	80	95515972	5623	80	3730003600	5731	86
95VW10300ABA	5380	71	13588306	5623	80	97189113	5454	73	3730003605	5731	86
R1M5T10300BD	5462	74	13593805	5374	71	97355198	5454	73	3730004030	5659	82
R98AB10300JC	5462	74	15233597	5571	78	97363832	5454	73	3730004035	5659	82
			15233597	6003	88	97363833	5454	73	3730004330	5659	82
<b>General Motors/</b>	<b>Nº ZEN</b>	<b>Pg.</b>	15283754	5623	80	97369507	5454	73	3730004335	5659	82
2542851	6009	88	15791160	5687	84	97369508	5454	73	3730025201	5680	83
4403540	5410	72	15791160	6027	89	98056439	5454	73	3730025301	5613	80
4403540	5432	73	15824928	5741	86	98056440	5454	73	3730025301	6006	88
4404331	5432	73	15841234	5687	84	10305775A	5687	84	3730025310	5613	80
4417846	5432	73	15841234	6027	89	10305775A	6026	88	3730027011	5460	74
4430587	5432	73	15846253	5685	84	10305775B	5687	84	3730027012	5460	74
5350087	5526	76	15846253	6018	88	10305775B	6026	88	3730027013	5460	74
6204095	5455	74	15865853	5741	86	10305775B	6026	88	3730027020	5661	82
6204158	5455	74	15875992	5623	80	704042419	6009	88	3730027030	5661	82
9111540	5410	72	15901933	5741	86	13283344BW	6009	88	3730027502	5578	78
9111540	5432	73	20838975	6006	88	<b>Hitachi</b>	<b>Nº ZEN</b>	<b>Pg.</b>	3730027503	5578	78
9112331	5432	73	22727494	5521	76	028903029G	5378	71	3730027504	5578	78
9199575	6007	88	22731358	5521	76	06E903018G	5739	86	3730027600	5578	78
10305775	5687	84	22962097	5682	83	06E903018M	5739	86	3730027601	5578	78
10305775	6026	88	25787950	5741	86	LR1180851	5739	86	3730027602	5578	78
10316182	5687	84	25815839	6006	88	<b>Holden</b>	<b>Nº ZEN</b>	<b>Pg.</b>	373002A000	5583	78
10316182	6026	88	25864953	6006	88	9195336	5455	74	373002A050	5583	78
10320213	5623	80	25888970	6027	89	13147093	5455	74	373002A100	5583	78
10327314	5687	84	52075443	5455	74	13156054	5455	74	373002A110	5583	78
10327314	6026	88	52140287	5455	74	<b>Honda</b>	<b>Nº ZEN</b>	<b>Pg.</b>	373002A300	5583	78
10327514	6027	89	84062199	5374	71	CSC91	5591	79	373002A460	5583	78
10350160	5687	84	88975507	6006	88	CSG66	5591	79	373002A650	5763	87
10350160	6026	88	88975511	6002	88	CSJ24	5733	86	373002A651	5763	87
10353440	5687	84	92211821	5688	84	CSJ60	5733	86	373002A850	5763	87
10353440	6026	88	93160666	5432	73	CSJ89	5733	86	373002B101	5716	85
10396863	6006	88	93161424	5432	73	CSK30	5733	86	373002B200	5716	85
10436674	5687	84	93169474	5492	74	CSK99	5733	86	373002B700	5716	85
10436674	6026	88	93172075	6007	88	AHGA88	5683	84	373002B750	5716	85
13117278	5449	73	93172080	6007	88	3110059B003	5767	87	373002E200	5716	85
13117278	6009	88	93175799	5454	73	311005A2A02	5683	84	373002E721	5716	85
13117279	5449	73	93175944	5454	73	311005G0A02	5733	86	373002F000	5593	79
13117279	6009	88	93175988	5674	83	31100R3LG01	5598	79	373002F100	5593	79
13125525	5674	83	93176035	6007	88	31100R70A11	5733	86	373002F200	5593	79
13222934	5440	73	93180419	5530	77	31100R8AA01	5733	86	373002G100	5680	83
13222935	5440	73	93183381	5440	73	31100R9PA01	5733	86	373002G150	6006	88
13222936	5440	73				31100RBDE02	5591	79	373002G400	5680	83

Hyundai	Nº ZEN	Pg.	Kia	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.
373002G500	5594	79	373002F100	5593	79	8531	5457	74	11216	5463	74
373003A002	5722	85	373002F200	5593	79	8531	5675	83	11221	5378	71
373003A100	5722	85	373002G500	5594	79	11022	5603	80	11222	5605	80
373004A001	5459	74	373002G760	5594	79	11022	5623	80	11228	5507	75
373004A002	5459	74	373003C120	5572	78	11026	5406	72	11228	6004	88
373004A003	5459	74	373003C150	5572	78	11026	5612	80	11229	5520	76
373004A700	5713	85	373003C160	5572	78	11041	5515	76	11229	6015	88
373004X500	5466	74	373003C161	5572	78	11043	5508	75	11231	5507	75
373004X501	5466	74	373004A110	5459	74	11043	6007	88	11231	6004	88
373004X502	5466	74	373004A111	5459	74	11054	5608	80	11232	5691	84
373004X503	5466	74	373004A112	5459	74	11063	5428	73	11235	5519	76
3732125301	5680	83	373004A113	5459	74	11063	6013	88	11236	5571	78
3732227020	5661	82	373004X000	5466	74	11064	5448	73	11236	6003	88
373222A000	5583	78	373004X001	5466	74	11066	5461	74	11237	5685	84
373222A100	5583	78	373004X002	5466	74	11070	5448	73	11237	6018	88
373222A110	5583	78	373004X310	5640	81	11077	5458	74	11239	5519	76
37300237300	5680	83	373004X351	5640	81	11091	5426	72	11252	5536	77
<b>Isuzu</b>	<b>Nº ZEN</b>	<b>Pg.</b>	3732227020	5661	82	11093	5608	80	11252	5680	83
8971891133	5454	73	373222A000	5583	78	11097	5688	84	11255	5508	75
8971891134	5454	73	373222A110	5583	78	11109	5521	76	11255	6007	88
8971891135	5454	73	OK55418300	5466	74	11114	6013	88	11257	5378	71
8973089961	5526	76	OK55218300B	5466	74	11115	5520	76	11258	5569	78
8973614210	5526	76	OK55318300A	5466	74	11115	6015	88	11260	5410	72
8980337860	5526	76	<b>Lancia</b>	<b>Nº ZEN</b>	<b>Pg.</b>	11119	5500	75	11281	5649	82
8980337880	5527	76	51784844	5449	73	11125	5691	84	11287	5595	79
<b>Iveco</b>	<b>Nº ZEN</b>	<b>Pg.</b>	4801624AD	6006	88	11128	5598	79	11300	5458	74
5801580938	5599	79	<b>Land Rover</b>	<b>Nº ZEN</b>	<b>Pg.</b>	11130	5515	76	11301	5458	74
<b>Jaguar</b>	<b>Nº ZEN</b>	<b>Pg.</b>	LR002426	5686	84	11134	5378	71	11302	5633	81
C2S3710	5573	78	LR002899	5450	73	11136	5503	75	11306	5494	74
C2Z17063	5657	82	LR007089	5686	84	11136	6005	88	11306	5581	78
<b>Jeep</b>	<b>Nº ZEN</b>	<b>Pg.</b>	LR008856	5452	73	11137	5503	75	11307	5494	74
53013554AD	5428	73	LR028116	5657	82	11137	6005	88	11308	5566	77
53013554AE	5428	73	LR031026	5657	82	11143	5741	86	11309	5563	77
<b>Jinzhou Halla</b>	<b>Nº ZEN</b>	<b>Pg.</b>	YLE500310	5452	73	11160	5631	81	11323	5503	75
JFZ1929AT1	5649	82	7H1210300AA	5452	73	11162	5631	81	11323	6005	88
<b>John Deere</b>	<b>Nº ZEN</b>	<b>Pg.</b>	BJ3210300AC	5657	82	11163	5500	75	11325	5503	75
AL111675	5534	77	<b>Lester</b>	<b>Nº ZEN</b>	<b>Pg.</b>	11163	5715	85	11325	6005	88
AL114092	5534	77	8241	5498	75	11169	5597	79	11326	5503	75
AL166645	5534	77	8293	5498	75	11186	5508	75	11326	6005	88
AL166646	5534	77	8299	5498	75	11186	6007	88	11334	5565	77
AL171541	5534	77	8303	5438	73	11187	5710	85	11336	5643	81
RE204426	5534	77	8314	5497	75	11192	5572	78	11337	5515	76
<b>Kia</b>	<b>Nº ZEN</b>	<b>Pg.</b>	8402	5499	75	11195	5502	75	11343	5582	78
3730004035	5659	82	8404	5499	75	11195	6002	88	11345	5686	84
3730004330	5659	82	8407	5524	76	11196	5503	75	11346	5686	84
3730004335	5659	82	8418	5524	76	11196	6005	88	11347	5668	83
3730027011	5460	74	8436	5497	75	11201	5502	75	11354	5705	84
3730027012	5460	74	8444	5438	73	11201	6002	88	11354	6001	88
3730027020	5661	82	8498	5498	75	11202	5613	80	11360	5378	71
3730027021	5661	82	8499	5498	75	11207	5380	71	11362	5633	81
373002A010	5583	78	8512	5499	75	11208	5380	71	11367	5680	83
373002A110	5583	78	8516	5438	73	11209	5380	71	11377	5406	72
373002A150	5583	78	8528	5457	74	11210	5380	71	11377	5612	80
373002B910	5716	85	8529	5408	72	11212	5380	71	11378	5570	78
373002F000	5593	79	8531	5450	73	11214	5376	71	11385	5428	73

Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.
11385	6006	88	11598	5690	84	12740	5506	75	20014	5378	71
11385	6013	88	11600	5733	86	12780	5378	71	20017	5514	76
11386	5428	73	11606	5594	79	12780	5534	77	20029	5453	73
11386	6006	88	11608	5716	85	12781	5534	77	20029	5629	81
11386	6013	88	11621	5743	86	13258	5582	78	20035	5452	73
11388	5378	71	11654	5628	81	13444	5650	82	20036	5463	74
11399	5623	80	11657	5694	84	13613	5375	71	20043	5585	78
11400	5762	87	11673	5653	82	13622	5383	71	20046	5625	80
11403	5762	87	11680	5690	84	13779	5375	71	20079	5624	80
11404	5762	87	11694	5765	87	13801	5426	72	20082	5520	76
11408	5762	87	11698	5646	82	13811	5377	71	20082	6015	88
11413	5582	78	11703	5378	71	13811	5529	77	20089	5375	71
11425	5514	76	11710	5594	79	13831	5383	71	20091	5644	81
11436	5582	78	11714	5514	76	13832	5383	71	20096	5677	83
11440	5507	75	11716	5644	81	13833	5382	71	20100	5395	72
11440	6004	88	11721	5378	71	13845	5516	76	20122	5581	78
11445	5494	74	11722	5580	78	13845	5518	76	20130	5453	73
11453	5682	83	11722	5589	79	13849	5378	71	20130	5629	81
11457	5581	78	11724	5697	84	13851	5378	71	20131	5586	79
11458	5569	78	11724	6014	88	13853	5378	71	20133	5593	79
11460	5385	71	11725	5697	84	13864	5687	84	20133	5657	82
11460	5505	75	11725	6014	88	13864	6026	88	20135	5423	72
11461	5602	79	11727	5697	84	13870	6006	88	20135	5467	74
11462	5602	79	11727	6014	88	13870	6013	88	20138	5595	79
11463	5514	76	11730	5595	79	13871	5428	73	20142	5462	74
11466	5697	84	11731	5595	79	13871	6006	88	20146	5493	74
11466	6014	88	11734	5623	80	13871	6013	88	20147	5493	74
11467	5718	85	11745	5732	86	13883	5419	72	20148	5493	74
11472	5533	77	11746	5374	71	13921	5388	71	20149	5493	74
11478	5605	80	11759	5717	85	13921	5392	72	20164	5587	79
11485	5682	83	11781	5704	84	13926	5573	78	20202	5623	80
11487	5761	87	11791	5709	85	13939	5500	75	20226	5609	80
11488	5426	72	11800	5602	79	13942	5378	71	20251	5580	78
11492	5613	80	11822	5623	80	13954	5461	74	20255	5585	78
11492	5680	83	11822	5644	81	13955	5688	84	20256	5453	73
11493	5594	79	11836	5527	76	13960	6013	88	20256	5629	81
11501	5641	81	11852	5739	86	13961	6013	88	20294	5644	81
11508	5613	80	11855	5739	86	13969	5687	84	20295	5731	86
11514	5503	75	11870	5428	73	13969	6026	88	20304	5514	76
11514	6005	88	11914	5452	73	13972	5377	71	20325	5395	72
11516	5684	84	11993	5570	78	13996	5511	76	20328	5596	79
11517	5503	75	12370	5534	77	13996	5612	80	20329	5596	79
11517	6005	88	12379	5534	77	13998	5426	72	20330	5378	71
11519	5684	84	12382	5395	72	14006	5594	79	20330	5580	78
11543	5406	72	12383	5393	72	14072	5503	75	20333	5526	76
11543	5612	80	12383	5395	72	14072	6005	88	20338	5593	79
11556	5511	76	12384	5395	72	14489	5683	84	20341	5644	81
11556	5612	80	12385	5395	72	20006	5395	72	20351	5729	86
11560	5623	80	12386	5651	82	20007	5532	77	20352	5729	86
11560	5628	81	12388	5681	83	20007	6012	88	20353	5729	86
11563	5580	78	12388	5738	86	20008	5450	73	20355	5423	72
11568	5668	83	12424	5393	72	20008	5675	83	20355	5467	74
11573	5733	86	12653	5680	83	20011	5533	77	20357	5528	77
11586	5378	71	12676	5375	71	20013	5450	73	20361	5730	86
11592	5690	84	12677	5375	71	20013	5675	83	20381	5614	80

Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.
20387	5724	85	20649	5453	73	21244	5642	81	23021	5395	72
20389	5584	78	20649	5629	81	21382	5454	73	23098	5460	74
20392	5501	75	20653	5453	73	21391	5383	71	23104	5379	71
20395	5728	86	20653	5629	81	21392	5381	71	23104	5642	81
20409	5583	78	20655	5583	78	21429	5382	71	23105	5379	71
20409	5763	87	20656	5644	81	21430	5382	71	23105	5642	81
20411	5575	78	20667	5453	73	21483	5384	71	23107	5508	75
20412	5514	76	20667	5629	81	21484	5384	71	23107	6007	88
20414	5493	74	20674	5501	75	21512	5622	80	23111	5445	73
20416	5515	76	20674	5648	82	21514	5622	80	23112	5528	77
20417	5627	81	20675	5730	86	21783	5396	72	23115	5448	73
20423	5379	71	20688	5410	72	21787	5396	72	23116	5448	73
20423	5642	81	20715	5731	86	21787	5437	73	23116	5632	81
20424	5608	80	20730	5514	76	21788	5437	73	23152	5466	74
20444	5378	71	20731	5514	76	21791	5450	73	23153	5466	74
20446	5633	81	20741	5732	86	21791	5675	83	23160	5432	73
20453	5423	72	20752	5595	79	21890	5403	72	23161	5410	72
20453	5467	74	20753	5697	84	21890	5736	86	23162	5410	72
20495	5449	73	20753	6014	88	21891	5403	72	23171	5574	78
20495	6009	88	20754	5395	72	21891	5638	81	23173	5385	71
20499	5452	73	20756	5463	74	21891	5736	86	23173	5670	83
20501	5635	81	20765	5729	86	22150	5429	73	23173	5676	83
20505	5623	80	20776	5584	78	22156	5395	72	23183	5679	83
20506	5389	71	20779	5609	80	22555	5562	77	23206	5425	72
20507	5389	71	20780	5724	85	22586	5611	80	23206	5660	82
20510	5389	71	20786	5580	78	22589	5589	79	23215	5431	73
20528	5589	79	20796	5583	78	22596	5379	71	23233	5410	72
20529	5589	79	20798	5514	76	22596	5642	81	23234	5410	72
20530	5635	81	20801	5493	74	22707	5383	71	23237	5387	71
20535	5584	78	20802	5729	86	22708	5384	71	23240	5508	75
20538	5658	82	20836	5514	76	22721	5644	81	23240	6007	88
20539	5560	77	20841	5432	73	22774	5389	71	23243	5388	71
20552	5492	74	20843	5410	72	22785	5384	71	23243	5392	72
20553	5522	76	20855	5580	78	22795	5396	72	23244	5388	71
20553	5607	80	20855	5634	81	22795	5449	73	23244	5392	72
20556	5646	82	20865	5713	85	22795	6009	88	23247	5395	72
20557	5664	83	20881	5493	74	22796	5449	73	23248	5395	72
20587	5626	80	20886	5493	74	22796	6009	88	23249	5456	74
20588	5493	74	20888	5623	80	22850	5411	72	23250	5410	72
20594	5492	74	20894	5668	83	22851	5411	72	23251	5456	74
20608	5423	72	20904	5378	71	22866	5382	71	23253	5458	74
20608	5467	74	20906	5599	79	22873	5388	71	23254	5458	74
20609	5410	72	20917	5501	75	22873	5392	72	23255	5448	73
20609	5492	74	20953	5743	86	22879	5393	72	23256	5448	73
20610	5423	72	20964	5716	85	22879	5395	72	23256	5632	81
20610	5467	74	20967	5423	72	22886	5375	71	23257	5458	74
20611	5647	82	20967	5467	74	22892	5383	71	23265	5578	78
20620	5634	81	20972	5423	72	22900	5375	71	23269	5463	74
20630	5591	79	20972	5467	74	22902	5375	71	23285	5461	74
20631	5655	82	20980	5374	71	22902	5377	71	23289	5425	72
20638	5423	72	20994	5729	86	22952	5410	72	23290	5644	81
20638	5467	74	21123	5697	84	22990	5410	72	23292	5389	71
20641	5492	74	21123	6014	88	22990	5564	77	23293	5389	71
20642	5729	86	21237	5767	87	23014	5390	71	23296	5403	72
20644	5514	76	21244	5379	71	23020	5393	72	23296	5455	74

Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.	Lester	Nº ZEN	Pg.
23296	5736	86	23804	5454	73	23971	5591	79	24107	5682	83
23298	5424	72	23806	5576	78	23973	5450	73	24109	5628	81
23299	5437	73	23807	5576	78	23973	5675	83	24110	5609	80
23300	5437	73	23808	5576	78	23975	5423	72	24112	5742	86
23301	5437	73	23816	5532	77	23975	5467	74	24117	5493	74
23301	5450	73	23816	6012	88	23976	5634	81	24118	5493	74
23301	5453	73	23817	5532	77	23977	5452	73	24121	5601	79
23301	5629	81	23817	6012	88	23985	5495	75	24122	5590	79
23301	5675	83	23819	5525	76	24002	5495	75	24123	5428	73
23309	5527	76	23819	5575	78	24003	5504	75	24142	5634	81
23313	5509	75	23820	5501	75	24004	5495	75	24144	5590	79
23313	5513	76	23820	5648	82	24008	5562	77	24172	5492	74
23313	5567	78	23821	5501	75	24015	5575	78	24226	5697	84
23313	5609	80	23827	5378	71	24017	5654	82	24226	6014	88
23316	5424	72	23827	5514	76	24020	5502	75	24227	5564	77
23317	5509	75	23829	5631	81	24020	6002	88	24228	5564	77
23317	5513	76	23830	5559	77	24024	5583	78	24229	5564	77
23317	5567	78	23834	5663	83	24027	5460	74	24230	5580	78
23320	5380	71	23835	5663	83	24028	5570	78	24251	5512	76
23321	5533	77	23836	5663	83	24044	5492	74	24252	5410	72
23322	5533	77	23839	5464	74	24045	5562	77	24252	5562	77
23323	5380	71	23843	5613	80	24052	5453	73	27057	5425	72
23324	5674	83	23847	5530	77	24052	5629	81	30383	5614	80
23325	5396	72	23857	5678	83	24053	5453	73	84913	5498	75
23325	5449	73	23858	5645	81	24053	5629	81	11822A	5644	81
23325	6009	88	23859	5588	79	24056	5609	80	13969A	6027	89
23325	6011	88	23874	5574	78	24060	5425	72	20017A	5514	76
23332	5437	73	23884	5575	78	24060	5660	82	20776A	5584	78
23346	5649	82	23886	5510	75	24063	5440	73	13873CP	5536	77
23355	5378	71	23893	5423	72	24063	6011	88	2035075	5406	72
23356	5523	76	23893	5467	74	24064	5440	73	2035331	5406	72
23357	5523	76	23895	5587	79	24064	6011	88	2205682	5514	76
23358	5378	71	23896	5574	78	24065	5440	73	2035075A	5406	72
23368	5523	76	23897	5526	76	24065	6011	88	<b>Lexus</b>	<b>Nº ZEN</b>	<b>Pg.</b>
23370	5562	77	23897	5674	83	24068	5440	73	270600P140	5503	75
23542	5492	74	23902	5508	75	24068	6011	88	270600P141	5503	75
23547	5395	72	23905	5604	80	24070	5464	74	270600P150	5503	75
23558	5509	75	23914	5493	74	24075	5582	78	270600P151	5503	75
23558	5513	76	23917	5522	76	24077	5561	77	270600P240	5503	75
23558	5567	78	23917	5607	80	24077	6010	88	270600P241	5503	75
23561	5643	81	23922	5396	72	24078	5453	73	2706031040	5503	75
23627	5422	72	23922	5449	73	24078	5629	81	2706031041	5503	75
23744	5435	73	23922	6009	88	24079	5453	73	2706031042	5503	75
23770	5381	71	23922	6011	88	24079	5629	81	2706031050	5503	75
23770	5383	71	23923	5440	73	24080	5453	73	2706031051	5503	75
23771	5381	71	23923	6011	88	24080	5629	81	2706031052	5503	75
23775	5458	74	23924	5396	72	24085	5379	71	2706031060	5503	75
23790	5459	74	23924	5449	73	24085	5642	81	2706031061	5503	75
23791	5459	74	23924	6009	88	24086	5496	75	2706031062	5503	75
23792	5396	72	23925	5580	78	24090	5378	71	2706031201	5503	75
23792	5449	73	23941	5592	79	24092	5454	73	2706031211	5503	75
23792	6009	88	23945	5527	76	24094	5454	73	<b>Lucas</b>	<b>Nº ZEN</b>	<b>Pg.</b>
23797	6011	88	23947	5609	80	24095	5454	73	LRA03949	5716	85
23798	6013	88	23950	5493	74	24101	5673	83	<b>Lucas Indiel</b>	<b>Nº ZEN</b>	<b>Pg.</b>
23802	5454	73	23964	5494	74	24102	5673	83	LRB507	5389	71

Lucas Indiel	Nº ZEN	Pg.	Mazda	Nº ZEN	Pg.	Melco	Nº ZEN	Pg.	Mercedes Benz	Nº ZEN	Pg.
LRA1150	5429	73	FS0518300	5419	72	A2TJ0481ZC	6004	88	101546402	5529	77
LRA1846	5426	72	L3H518300	5499	75	A3TJ0781AE	5607	80	101546502	5529	77
LRA1860	5534	77	LF1818300	5511	76	A3TJ0781ZE	5607	80	0101548902	5681	83
LRA1990	5410	72	RF5C18300	5527	76	A3TJ2581ZC	6004	88	101549402	5377	71
LRA2263	5456	74	RF5C18W11	5527	76	A003TG5281ZE	5587	79	101549502	5393	72
LRA2295	5455	74	RF8G18300	5527	76	A004TJ0582ZE	5585	78	101549602	5393	72
LRA2336	5456	74	S51C18300	5652	82	A005TG0881ZE	5587	79	111540002	5377	71
LRA2804	5396	72	S51L18300	5652	82	<b>Mercedes Benz</b>	<b>Nº ZEN</b>	<b>Pg.</b>	111540602	5393	72
LRA2817	5396	72	S51W18300	5652	82	A12384	5395	72	111540802	5377	71
LRA2847	5530	77	S55118300	5652	82	1500550	5410	72	111540902	5393	72
LRA01150	5429	73	SH0118300	5652	82	1501750	5410	72	111542202	5377	71
LRA01846	5426	72	SH1N18300	5652	82	1501950	5494	74	111545402	5377	71
LRA01860	5534	77	Y40118300	5457	74	1502250	5445	73	111546602	5395	72
LRA01990	5410	72	Y40218300	5437	73	1502250	5494	74	111547002	5393	72
LRA02104	5460	74	Y40518300	5629	81	1502550	5410	72	111547402	5395	72
LRA02251	5456	74	Y40618300	5629	81	1540650	5410	72	111547802	5393	72
LRA02263	5456	74	Y60118300	5501	75	1541650	5410	72	121540102	5574	78
LRA02295	5455	74	Z66818300	5511	76	1542050	5410	72	121540602	5461	74
LRA02336	5456	74	GY0118300E	5438	73	1542450	5410	72	121540702	5395	72
LRA02338	5457	74	GY0118300F	5419	72	1542850	5410	72	121540802	5395	72
LRA02558	5452	73	GY0118300G	5419	72	0009060304	5644	81	121541502	5395	72
LRA02804	5396	72	GY0118300H	5419	72	0009060401	5644	81	121541702	5395	72
LRA02817	5396	72	GY0118300J	5419	72	0009060501	5644	81	121542002	5395	72
LRA02847	5530	77	K80118300A	5438	73	0009060601	5644	81	121542202	5393	72
LRA02850	5536	77	K80118300B	5438	73	0009060604	5644	81	121542202	5395	72
LRA02861	5506	75	K80118300C	5438	73	0009060803	5732	86	121542402	5395	72
LRA02932	5507	75	K80118300D	5438	73	0009061903	5732	86	121544602	5395	72
LRA03033	5575	78	L3H518300A	5499	75	0009062004	5644	81	121544802	5395	72
LRA03036	5562	77	L3M618300A	5597	79	0009062100	5644	81	121545402	5395	72
LRA03084	5496	75	L3M618300B	5597	79	0009062200	5644	81	121546302	5395	72
LRA03093	5522	76	L3M618300C	5597	79	0009062202	5732	86	121549802	5463	74
LRA03179	5604	80	R2AA18300A	5527	76	0009062822	5644	81	131540002	5463	74
LRA03243	5586	79	R2AA18300B	5527	76	0009063000	5644	81	131540902	5566	77
LRA03291	5512	76	RF7J18300A	5527	76	0009063622	5644	81	131541002	5395	72
LRB00460	5423	72	RF8G18300A	5527	76	0009065300	5644	81	131541102	5395	72
LRB00460	5467	74	K80118300AT	5438	73	0009067900	5644	81	131541302	5395	72
LRB00507	5389	71	L3M618300ROA	5597	79	A033123	5563	77	131541502	5395	72
<b>Magneti Marelli</b>	<b>Nº ZEN</b>	<b>Pg.</b>	<b>Melco</b>	<b>Nº ZEN</b>	<b>Pg.</b>	A080334	5563	77	131541702	5395	72
6321743	5506	75	9G128	5507	75	A114841	5563	77	131542102	5395	72
46765838	5379	71	8GM128	5507	75	A140234	5563	77	131543202	5395	72
<b>Mako</b>	<b>Nº ZEN</b>	<b>Pg.</b>	8GM135	5507	75	A390564	5563	77	131543602	5393	72
1498518	5638	81	1800A271	5662	83	81549602	5377	71	131545802	5395	72
4461712	5638	81	1800A334	5662	83	91543002	5377	71	131545902	5463	74
2C1T10300BA	5638	81	A2TJ0481	6004	88	91544102	5377	71	131546402	5494	74
R2C1T10300BA	5638	81	A2TJ1081	5607	80	91545802	5377	71	131546802	5644	81
<b>Man</b>	<b>Nº ZEN</b>	<b>Pg.</b>	A2TX0281	6004	88	91547102	5651	82	131547002	5494	74
MAN7425	6011	88	A3TB4981	5527	76	91549802	5651	82	141540702	5463	74
MAN7495	6011	88	A3TB6581	5527	76	101500102	5377	71	141541102	5644	81
51261017237	5534	77	A3TJ0781	5607	80	0101540002	5738	86	141541202	5644	81
<b>Mando</b>	<b>Nº ZEN</b>	<b>Pg.</b>	A3TJ2581	6004	88	101540502	5377	71	141541302	5494	74
AF111382	5459	74	A002TC0982	5423	72	101540802	5377	71	141541402	5644	81
AF111393	5459	74	A002TC0982	5467	74	101544702	5377	71	141541502	5644	81
<b>Mazda</b>	<b>Nº ZEN</b>	<b>Pg.</b>	A003TB4981	5527	76	101544802	5377	71	141542702	5395	72
BPE818300	5419	72	A004TJ0581	5585	78	101545402	5377	71	141543902	5644	81
BPE918300	5419	72	A004TJ0582	5585	78	101545902	5393	72	04801250AA	5581	78

Mercedes Benz	Nº ZEN	Pg.	Mercedes Benz	Nº ZEN	Pg.	Mitsubishi	Nº ZEN	Pg.	Nissan	Nº ZEN	Pg.
4801250AA	5581	78	A0131545802	5395	72	A002TX3081	5652	82	2310000Q2H	5676	83
04801250AB	5581	78	A0141542702	5395	72	A003TG0081	5612	80	2310000Q2J	5575	78
4801250AB	5581	78	A4539063900	5492	74	A003TG2881	5612	80	2310000Q4K	5492	74
04801250AC	5581	78	A4539064000	5492	74	A003TG3181	5612	80	2310000Q5F	5492	74
04801250AD	5581	78	A4539064100	5492	74	A003TG4381	5610	80	2310000Q5J	5492	74
2661540902	5510	75	A6111550315	5395	72	A003TJ0182	5612	80	2310000Q5K	5492	74
2661541202	5510	75	A6111550515	5395	72	A003TL0081	5612	80	2310000QA1	5670	83
2661541302	5510	75	A6111550715	5395	72	A003TN2581	5724	85	2310000QA9	5423	72
2711540102	5461	74	A6421540302	5563	77	A003TX0581	5610	80	2310000QA9	5467	74
2711540202	5461	74	A6421540502	5563	77	A003TX0781	5610	80	2310000QAL	5432	73
2711540602	5461	74	A6461540002	5395	72	A004TF0091	5396	72	2310000QBB	5423	72
2711540802	5461	74	A6461541002	5395	72	A004TJ0084	5678	83	2310000QBB	5467	74
2711540902	5461	74	A6461541502	5395	72	A004TJ0181	5612	80	2310000QBD	5432	73
2711540902	5673	83	266154090215A	5510	75	A2TG0881ZC	5582	78	2310000QBH	5423	72
2711541002	5461	74	<b>Mitsubishi</b>	<b>Nº ZEN</b>	<b>Pg.</b>	A2TG1081ZT	5607	80	2310000QBH	5467	74
2711541502	5644	81	8GM140A	5520	76	A2TJ0481ZC	5507	75	2310000QBJ	5676	83
2711541502	5673	83	S883627	5432	73	A2TJ0481ZC	6004	88	231000803R	5492	74
2711541802	5644	81	A2TB6481	5670	83	A2TJ1881ZC	5694	84	231001568R	5492	74
6281540102	5494	74	A2TC0982	5512	76	A3TJ0381ZC	6015	88	231001910R	5492	74
6391500250	5574	78	A2TJ0481	5507	75	A3TJ2581ZC	5507	75	231001AT1A	5607	80
6391500350	5574	78	A2TJ0481	6004	88	A3TJ2581ZC	6004	88	231001BN1A	5614	80
6401540202	5574	78	A2TX0281	5507	75	A4TJ0181ZC	5406	72	231001FC1A	5582	78
6401540302	5574	78	A2TX0281	6004	88	A4TJ0182ZC	5406	72	231001KM1A	5582	78
6401540402	5574	78	A2TX1781	5607	80	A4TJ0582ZC	5585	78	231001KM1B	5582	78
6401540502	5574	78	A2TX3081	5652	82	A002TX028ZC	6004	88	231001KM1M	5582	78
6421540302	5563	77	A3TB1081	5419	72	A002TX2381A	5610	80	231002243R	5492	74
6421540402	5581	78	A3TG1581	5688	84	A003TG0081A	5612	80	231002501R	5582	78
6461540002	5395	72	A3TG4381	5610	80	A004TJ0084A	5678	83	231002854R	5492	74
6461540102	5644	81	A3TJ0381	5520	76	A004TJ0084B	5678	83	231002FP1B	5582	78
6461540802	5644	81	A3TJ0381	6015	88	A004TJ0084C	5678	83	231002W201	5431	73
6461540902	5644	81	A3TJ1881	6015	88	A3TJ03881ZC	5520	76	231002W20A	5431	73
6461541002	5395	72	A3TJ2581	5507	75	A002TJ1881ZC	5694	84	231003071R	5492	74
6461541102	5644	81	A3TJ2581	6004	88	A002TX0281ZC	5507	75	231003HD1A	5612	80
6461541502	5395	72	A3TN2581	5724	85	A002TX0281ZC	6004	88	231003RA2B	5653	82
6681540102	5574	78	A3TX0581	5610	80	A002TX1981ZT	5612	80	231003RC2B	5653	82
6681540202	5574	78	A3TX0781	5610	80	A003TJ0181ZC	5612	80	231003SH2B	5653	82
6681540302	5574	78	A4TF0091	5396	72	A004TJ0181ZC	5612	80	231003TA1B	5694	84
A010154002	5738	86	A4TJ0181	5406	72	8General Motors140A	5520	76	231003TC1A	5582	78
A013154602	5395	72	A4TJ0182	5406	72	<b>Motorcraft</b>	<b>Nº ZEN</b>	<b>Pg.</b>	231003TS1A	5582	78
A0009030022	5732	86	A4TJ0582	5585	78	GL547	5497	75	231003TU1B	5694	84
A0009060803	5732	86	MK667722	5599	79	GL598	5406	72	231004784R	5492	74
A0009061903	5732	86	MK667723	5599	79	<b>Nissan</b>	<b>Nº ZEN</b>	<b>Pg.</b>	231004BE0B	5492	74
A0101543902	5411	72	MK667725	5599	79	A3TG2681	5522	76	231004FN1B	5582	78
A0101549502	5395	72	MN960266	5574	78	23100003R	5564	77	231005079R	5492	74
A0111548202	5411	72	04801490AA	6004	88	231000012R	5564	77	231005424R	5492	74
A0121542202	5395	72	A2TB1081A	5419	72	231000057R	5492	74	231005FN3A	5492	74
A0121542402	5395	72	A2TX1081A	5662	83	2310000Q0B	5432	73	231005X21A	5614	80
A0121544302	5411	72	A2TX1081B	5662	83	2310000Q0D	5423	72	231006007R	5492	74
A0121544402	5411	72	A2TX2381A	5610	80	2310000Q0D	5467	74	231006754R	5582	78
A0121544602	5395	72	A3TB1081A	5419	72	2310000Q0H	5492	74	231007813R	5492	74
A0131541302	5395	72	A3TB1081B	5419	72	2310000Q0M	5575	78	231008593R	5492	74
A0131541502	5395	72	A3TN2581A	5724	85	2310000Q1A	5432	73	231008J000	5500	75
A0131541702	5395	72	A002TB6481	5670	83	2310000Q2C	5423	72	231009350R	5492	74
A0131542102	5395	72	A002TJ0881	5612	80	2310000Q2C	5467	74	231009362R	5492	74
A0131543202	5395	72	A002TX0881	5612	80	2310000Q2E	5492	74	231009383R	5492	74

Nissan	Nº ZEN	Pg.	Nissan	Nº ZEN	Pg.	Opel	Nº ZEN	Pg.	Opel	Nº ZEN	Pg.
231009412R	5582	78	7711497095	5676	83	6204212	5440	73	13502594	5623	80
23100A4400	5715	85	A002TC0981	5423	72	6204213	5440	73	13502595	5622	80
23100A4420	5715	85	A002TC0981	5467	74	6204218	5641	81	13502987	5623	80
23100AU00A	5500	75	A3TG2681AE	5522	76	6204234	5674	83	13579626	5626	80
23100AU400	5500	75	A3TG2681ZE	5522	76	6204257	5440	73	13579666	5622	80
23100AU400	5715	85	23100EM01BR	5582	78	6204258	5440	73	13581893	5628	81
23100AU40A	5500	75	23100675412R	5582	78	6204259	5440	73	24415914	5508	75
23100AU40D	5500	75	<b>Opel</b>	<b>Nº ZEN</b>	<b>Pg.</b>	6204261	5440	73	24415914	6007	88
23100AU410	5735	86	1202117	5625	80	6204273	5440	73	24455913	5508	75
23100AU420	5500	75	1202118	5626	80	6204280	5440	73	24455913	6007	88
23100AU420	5715	85	1202119	5623	80	6204287	5454	73	24455914	5508	75
23100AU424	5500	75	1202187	5623	80	9117936	5455	74	24455914	6007	88
23100AU424	5715	85	1202188	5623	80	9173572	5455	74	38189248	5530	77
23100BN700	5423	72	1202189	5623	80	9195336	5455	74	52075443	5455	74
23100BN700	5467	74	1202191	5623	80	9199575	5508	75	90561972	5455	74
23100BN701	5423	72	1202215	5623	80	9512182	5530	77	93161923	5432	73
23100BN701	5467	74	1202243	5628	81	9512794	5455	74	93172075	5508	75
23100BN704	5423	72	1202309	5623	80	12799630	5710	85	93172080	5508	75
23100BN704	5467	74	1202310	5623	80	13117278	6009	88	93175808	5455	74
23100BR01A	5614	80	1202318	5623	80	13125525	5674	83	93175957	5455	74
23100CJ41B	5582	78	1202331	5682	83	13153237	6011	88	93175988	5674	83
23100EB310	5522	76	1202342	5623	80	13156054	5530	77	93176035	5508	75
23100EB310	5607	80	1204158	5454	73	13222933	5641	81	93176035	5611	80
23100EB315	5607	80	1204192	5492	74	13222934	6011	88	93177834	5455	74
23100EB31A	5522	76	1204618	5454	73	13222935	6011	88	93180098	5576	78
23100EB31B	5607	80	1204619	5454	73	13222936	6011	88	93180102	5576	78
23100EB71A	5607	80	1204621	5623	80	13229990	6012	88	93180104	5576	78
23100ED000	5582	78	1204622	5623	80	13229991	5532	77	93186763	5611	80
23100EE51B	5582	78	1204623	5623	80	13229991	6012	88	93187415	5710	85
23100EL010	5582	78	1204642	5623	80	13229992	5532	77	93189236	5674	83
23100EM01B	5582	78	1204651	5682	83	13229992	6012	88	93189268	5530	77
23100EM02C	5582	78	3229990	5532	77	13256932	6011	88	93190828	5508	75
23100EN20B	5715	85	4403540	5410	72	13266809	5590	79	93190894	5611	80
23100JA02A	5569	78	4416689	5492	74	13266810	5590	79	93191921	5532	77
23100JA02B	5569	78	4417295	5432	73	13283343	5449	73	93191921	6012	88
23100JD200	5582	78	4430591	5410	72	13283344	5449	73	93191922	5532	77
23100JD21A	5582	78	4430595	5410	72	13284408	5596	79	93191922	6012	88
23100JD22M	5582	78	4434149	5492	74	13308506	5532	77	95515961	5682	83
23100JD71A	5584	78	4818330	5677	83	13308506	6012	88	555559583	5611	80
23100JG71A	5584	78	4819446	5677	83	13308507	5532	77	704114923	6009	88
23100JN81A	5582	78	5204246	5530	77	13308508	5532	77	13117278YP	5396	72
23100VC100	5431	73	6204113	5508	75	13308508	6012	88	13117279YQ	5396	72
23100VC101	5431	73	6204113	6007	88	13500186	5625	80	13283344BW	6009	88
23100VC201	5431	73	6204171	5674	83	13500187	5626	80	YZ13153237	6011	88
23100ZW40A	5582	78	6204173	5508	75	13500314	5623	80	ZR13197577	5396	72
23100ZW40B	5582	78	6204173	6007	88	13500329	5623	80	<b>Peugeot</b>	<b>Nº ZEN</b>	<b>Pg.</b>
231503TA1B	5694	84	6204180	5449	73	13500332	5682	83	570200	5453	73
231513TA1A	5694	84	6204181	5449	73	13500577	5622	80	5702G3	5643	81
23700AA78A	5612	80	6204183	5454	73	13500582	5622	80	5702J0	5587	79
23700AA790	5612	80	6204195	5530	77	13500583	5623	80	5702J3	5587	79
2706027040	5424	72	6204197	5454	73	13500586	5623	80	57054F	5396	72
2706027060	5424	72	6204198	5454	73	13502581	5623	80	57054F	5437	73
2706027070	5424	72	6204199	5454	73	13502582	5623	80	57055H	5396	72
2706027080	5424	72	6204200	5454	73	13502583	5624	80	57055J	5396	72
2706027090	5424	72	6204201	5440	73	13502593	5623	80	5705A1	5437	73



Peugeot	Nº ZEN	Pg.	Porsche	Nº ZEN	Pg.	Renault	Nº ZEN	Pg.	Renault	Nº ZEN	Pg.
5705AA	5437	73	99760301207	5515	76	7700434900	5423	72	8200360481	5525	76
5705AS	5450	73	99760302200	5515	76	7700434900	5467	74	8200373636	5670	83
5705AS	5453	73	99760302201	5515	76	7701066397	5526	76	8200390667	5575	78
5705AS	5629	81	99760302203	5515	76	7701066399	5526	76	8200390675	5528	77
5705AX	5453	73	99760302205	5515	76	7701473614	5432	73	8200390675	5575	78
5705CJ	5561	77	9A160301400	5663	83	7701473636	5423	72	8200390676	5575	78
5705EE	5453	73	9A160301801	5663	83	7701473636	5467	74	8200404459	5562	77
5705EH	5663	83	9A160301802	5663	83	7701473637	5423	72	8200459716	5630	81
5705EJ	5561	77	<b>PSA</b>	<b>Nº ZEN</b>	<b>Pg.</b>	7701473637	5467	74	8200495301	5432	73
5705ER	5396	72	9653459080	5561	77	7701474326	5423	72	8200495302	5432	73
5705ER	5437	73	<b>RCP</b>	<b>Nº ZEN</b>	<b>Pg.</b>	7701474326	5467	74	8200537415	5423	72
5705EY	5453	73	13156054	5455	74	7701476808	5676	83	8200537415	5467	74
5705EY	5629	81	<b>Regitar</b>	<b>Nº ZEN</b>	<b>Pg.</b>	7701476809	5423	72	8200538407	5410	72
5705GC	5396	72	2205137	5395	72	7701476809	5467	74	8200538815	5432	73
5705GC	5437	73	<b>Reliance</b>	<b>Nº ZEN</b>	<b>Pg.</b>	7701477001	5432	73	8200571815	5432	73
5705KG	5565	77	13831	5383	71	7701477694	5423	72	8200590255	5432	73
5705KG	5587	79	31260	5383	71	7701477694	5467	74	8200660022	5492	74
5705KL	5663	83	<b>Remy</b>	<b>Nº ZEN</b>	<b>Pg.</b>	7701477710	5423	72	8200660033	5526	76
5705KN	5663	83	8400430	5716	85	7701477710	5467	74	8200660033	5575	78
5705KQ	5587	79	DRA0232	5724	85	7701477711	5423	72	8200660034	5575	78
5705NR	5643	81	DRA0339	5562	77	7701477711	5467	74	8200660040	5423	72
5700000	5453	73	DRA0371	5496	75	7701477712	5423	72	8200660040	5467	74
96460654	5450	73	DRA0392	5507	75	7701477712	5467	74	8200660057	5585	78
96463218	5450	73	DRA0432	5522	76	7701478093	5676	83	8200660822	5492	74
1608726580	5662	83	DRA0478	5512	76	7711134312	5432	73	8200667607	5575	78
9646065480	5450	73	DRA0608	5586	79	7711134316	5410	72	8200667608	5423	72
9646321880	5450	73	DRA0646	5536	77	7711134316	5432	73	8200667608	5467	74
9662731680	5586	79	DRA0775	5506	75	7711368727	5585	78	8200667609	5423	72
9670899580	5629	81	DRA0929	5603	80	7711497090	5670	83	8200667609	5467	74
B000771980	5742	86	DRA1168	5729	86	7711497095	5676	83	8200690199	5410	72
B000912080	5742	86	DRA4174	5460	74	8200019706	5423	72	8200726639	5492	74
<b>Pic</b>	<b>Nº ZEN</b>	<b>Pg.</b>	DRA4247	5457	74	8200019706	5467	74	8200728292	5575	78
220275D	5381	71	DRA3794N	5454	73	8200022774	5432	73	8200854119	5562	77
<b>Poong Sung</b>	<b>Nº ZEN</b>	<b>Pg.</b>	<b>Renault</b>	<b>Nº ZEN</b>	<b>Pg.</b>	8200030635	5423	72	8200901783	5492	74
21319110	5460	74	404465	5584	78	8200030635	5467	74	8200960533	5585	78
21319111	5460	74	571531	5584	78	8200053938	5670	83	8800030635	5423	72
21319112	5460	74	654785	5584	78	8200054588	5389	71	8800030635	5467	74
21319280	5572	78	704114923	5396	72	8200086130	5432	73	8800385098	5423	72
21319311	5460	74	231000012R	5564	77	8200100907	5676	83	8800385098	5467	74
21319320	5572	78	231000387R	5712	85	8200102907	5670	83	8800386806	5423	72
21319321	5572	78	231003730R	5647	82	8200120286	5670	83	8800386806	5467	74
<b>Porsche</b>	<b>Nº ZEN</b>	<b>Pg.</b>	7700101274	5423	72	8200121413	5389	71	9665617780	5629	81
91660301200	5515	76	7700101274	5467	74	8200122976	5423	72	<b>Romaine</b>	<b>Nº ZEN</b>	<b>Pg.</b>
91660301201	5515	76	7700421477	5423	72	8200122976	5467	74	11026N	5406	72
95560301700	5649	82	7700421477	5467	74	8200159642	5389	71	3613832	5383	71
99660301200	5515	76	7700426849	5410	72	8200162474	5410	72	<b>Saab</b>	<b>Nº ZEN</b>	<b>Pg.</b>
99660301201	5515	76	7700426849	5432	73	8200162474	5432	73	5350087	5526	76
99660301202	5515	76	7700426879	5410	72	8200229907	5523	76	5350087	5674	83
99660301203	5515	76	7700427474	5410	72	8200251006	5492	74	12755484	5508	75
99660301204	5515	76	7700429217	5423	72	8200262318	5564	77	12755484	6007	88
99660301205	5515	76	7700429217	5467	74	8200323137	5423	72	12757362	6007	88
99760300203	5515	76	7700429310	5423	72	8200323137	5467	74	12757363	5508	75
99760301201	5515	76	7700429310	5467	74	8200325823	5528	77	12757363	6007	88
99760301203	5515	76	7700434899	5423	72	8200356669	5492	74	12759595	5528	77
99760301205	5515	76	7700434899	5467	74	8200360480	5525	76	12785604	6007	88

Saab	Nº ZEN	Pg.	Toyota	Nº ZEN	Pg.	Toyota	Nº ZEN	Pg.	Toyota	Nº ZEN	Pg.
12803492	6007	88	Solara	6002	88	270600T320	6006	88	2706031100	5503	75
15288860	5498	75	270600T40	6006	88	270600T391	5745	86	2706031100	6005	88
93180104	5576	78	1012114720	5567	78	270600V010	6006	88	2706031101	5503	75
93189253	5710	85	1022115600	5567	78	270600V020	5762	87	2706031101	6005	88
<b>Scania</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1042108020	5567	78	270600V030	5762	87	2706031102	5503	75
12757362	6007	88	1042109010	5567	78	270600V060	5684	84	2706031102	6005	88
<b>Seat</b>	<b>Nº ZEN</b>	<b>Pg.</b>	1042109011	5567	78	270600V070	5762	87	2706031110	5503	75
3R0903023	5514	76	270600H110	5502	75	270600Y040	5743	86	2706031110	6005	88
06A903023B	5697	84	270600H110	6002	88	270600Y041	5743	86	2706031111	5503	75
06A903023G	5697	84	270600H111	5502	75	270600Y060	5743	86	2706031111	6005	88
06D903016A	5448	73	270600H111	6002	88	2706028300	5502	75	2706031112	5503	75
06J903023C	5448	73	270600L010	5567	78	2706028300	6002	88	2706031112	6005	88
06B903016AE	5448	73	270600L021	5567	78	2706028310	6002	88	2706031160	5503	75
<b>Smart</b>	<b>Nº ZEN</b>	<b>Pg.</b>	270600L030	5452	73	2706028311	6002	88	2706031160	6005	88
4539063900	5492	74	270600L040	5452	73	2706028320	5502	75	2706031161	5503	75
<b>Ssangyong</b>	<b>Nº ZEN</b>	<b>Pg.</b>	270600L050	5452	73	2706028321	5502	75	2706031161	6005	88
1611544002	5726	85	270600L060	5452	73	2706028340	5502	75	2706031162	5503	75
1721543002	5726	85	270600L150	5452	73	2706028340	6002	88	2706031162	6005	88
6711540202	5726	85	270600L160	5567	78	2706028341	5502	75	2706031180	5503	75
6711540302	5726	85	270600N011	5601	79	2706028341	6002	88	2706031180	6005	88
6711540402	5726	85	270600N021	5613	80	2706030030	5567	78	2706031190	5503	75
<b>Steyr</b>	<b>Nº ZEN</b>	<b>Pg.</b>	270600N040	5658	82	2706030040	5567	78	2706031190	6005	88
7532968	5456	74	270600N070	5659	82	2706030050	5567	78	2706031201	6005	88
7532969	5458	74	270600P130	5503	75	2706030060	5509	75	2706031211	6005	88
12757362	6007	88	270600P140	5503	75	2706030120	5567	78	2706033030	5588	79
13229992	5532	77	270600P140	6005	88	2706030121	5567	78	2706033040	5588	79
111545402	5377	71	270600P141	5503	75	2706030123	5567	78	2706033051	5592	79
131540902	5566	77	270600P141	6005	88	2706031030	5503	75	2706033071	5613	80
<b>Steyr Motors</b>	<b>Nº ZEN</b>	<b>Pg.</b>	270600P150	6005	88	2706031030	6005	88	2706033100	5658	82
7575650	5643	81	270600P151	6005	88	2706031031	5503	75	2706036010	6006	88
<b>Subaru</b>	<b>Nº ZEN</b>	<b>Pg.</b>	270600P180	5503	75	2706031031	6005	88	2706036020	5762	87
23700AA590	5610	80	270600P181	5503	75	2706031040	6005	88	2706036030	5762	87
23700AA640	5610	80	270600P182	5503	75	2706031041	6005	88	2706036040	5762	87
23700AA660	5610	80	270600P183	5503	75	2706031042	6005	88	2706036050	5684	84
23700AA661	5610	80	270600P184	6005	88	2706031050	6005	88	2706037010	5428	73
23700AA662	5610	80	270600P190	5503	75	2706031051	6005	88	2706037010	5613	80
23700AA730	5610	80	270600P191	5503	75	2706031052	6005	88	2706037010	6006	88
23700AA731	5610	80	270600P192	5503	75	2706031060	6005	88	2706037011	5428	73
23700AA732	5610	80	270600P193	5503	75	2706031061	6005	88	2706037011	6006	88
<b>Suzuki</b>	<b>Nº ZEN</b>	<b>Pg.</b>	270600P210	6005	88	2706031062	6005	88	2706037040	6006	88
3140000	5396	72	270600P240	6005	88	2706031070	5503	75	2706037041	6006	88
3140000	5449	73	270600P241	6005	88	2706031070	6005	88	2706037050	5428	73
3140000	6009	88	270600T010	5728	86	2706031071	5503	75	2706037050	6006	88
3140067J00	5656	82	270600T012	5728	86	2706031071	6005	88	2706037051	5428	73
3140067J10	5656	82	270600T020	5728	86	2706031072	5503	75	2706037051	6006	88
3140068D01	5437	73	270600T021	5728	86	2706031072	6005	88	2706037081	5428	73
3140068D02	5437	73	270600T040	6006	88	2706031080	5503	75	2706037081	6006	88
3140084A00	5724	85	270600T041	6006	88	2706031080	6005	88	2706038320	6002	88
3140084A10	5724	85	270600T080	5728	86	2706031081	5503	75	2706038321	6002	88
3140084A12	5724	85	270600T081	5728	86	2706031081	6005	88	2706054430	5567	78
31400T85E00	5396	72	270600T130	6006	88	2706031082	5503	75	2706067140	5567	78
3140067J00000	5656	82	270600T190	5728	86	2706031082	6005	88	2706075350	5503	75
3140067J10000	5656	82	270600T200	5728	86	2706031084	6005	88	2706075380	5503	75
<b>Toyota</b>	<b>Nº ZEN</b>	<b>Pg.</b>	270600T210	5728	86	2706031090	6005	88	2706075410	6001	88
RAV 4	6002	88	270600T220	5728	86	2706031091	6005	88	2706075411	6001	88

Toyota	Nº ZEN	Pg.	Valeo	Nº ZEN	Pg.	Valeo	Nº ZEN	Pg.	Valeo	Nº ZEN	Pg.
2706075412	6001	88	439561	5467	74	2650491	5687	84	2600730A	6026	88
274150Y020	5743	86	439583	5563	77	2650491	6026	88	2610711D	5629	81
270600L170B	5452	73	439584	5423	72	2655544	5680	83	2610715B	5565	77
270600H11184	6002	88	439584	5467	74	2712046	5712	85	2616938B	5565	77
TRW	Nº ZEN	Pg.	439585	5644	81	3602231	5410	72	2650073B	5687	84
LRB385	5383	71	439615	6009	88	4339585	5644	81	2650073B	6026	88
LRB389	5381	71	439619	5644	81	A14VI35	5396	72	2650164A	5687	84
LRB390	5383	71	439630	5604	80	A14VI35	5437	73	2650164A	6026	88
LRB391	5383	71	439714	5667	83	A14VI39	5687	84	03L903023	5378	71
Unipoint	Nº ZEN	Pg.	440053	5563	77	A14VI39	6026	88	A13VI171	5389	71
ALT2084	5381	71	440057	5644	81	A14VI41	5437	73	A13VI202	5411	72
Valeo	Nº ZEN	Pg.	440062	5423	72	SG7S027	5518	76	A13VI257	5411	72
9520	5437	73	440062	5467	74	SG9B033	5423	72	A13VI289	5389	71
420151	6027	89	440119	5460	74	SG9B033	5467	74	A13VI292	5389	71
420164	5687	84	440127	5673	83	SG9B039	5411	72	A13VI297	5389	71
420164	6026	88	440128	5673	83	TG8S012	5449	73	B2220147	5435	73
437208	5432	73	440197	5604	80	TG8S013	5396	72	FG10T011	5716	85
437210	5396	72	440199	5629	81	TG8S013	6009	88	FG12S031	5623	80
437311	5423	72	440243	5602	79	TG8S016	6009	88	FG15S027	5761	87
437311	5467	74	440244	5602	79	TG9B026	5453	73	FG15T036	5644	81
437322	5389	71	542832	5453	73	TG9B044	5453	73	FG15T044	5565	77
437346	5411	72	57054F	5396	72	TG9S010	5449	73	FG15T063	5646	82
437351	5432	73	5705AS	5629	81	TG9S015	5396	72	FG15T072	5565	77
437415	5574	78	5705EY	5629	81	TG9S015	5449	73	FG15T076	5646	82
437435	5456	74	5705GC	5396	72	TG9S015	6009	88	FG15T079	5644	81
437449	5456	74	593521	5396	72	TG9S016	5396	72	FG17T010	5646	82
437471	5629	81	F9Q762	5410	72	TG9S016	6009	88	FG18D057	5623	80
437474	5449	73	1704925	5646	82	TG9S021	5396	72	FG18D111	5623	80
437497	5449	73	1763143	5646	82	TG9S021	6009	88	FG18S012	5644	81
437503	5449	73	2220158	5518	76	TG9S022	5396	72	FG18S017	5453	73
437504	5449	73	2542434	5374	71	TG9S022	6009	88	FG18S019	5623	80
437504	6009	88	2542500	5437	73	TG9S027	6009	88	FG18S022	5604	80
437558	5423	72	2542670	5449	73	TG9S057	5667	83	FG18S045	5623	80
437558	5467	74	2542753	5456	74	TG9S132	5493	74	FG18S047	5644	81
437559	5423	72	2542841	5396	72	2541445B	6026	88	FG18S052	5623	80
437559	5467	74	2542850	5396	72	2542234A	5380	71	FG18S141	5623	80
437611	5455	74	2542851	5396	72	2542347A	5411	72	FG18T062	5514	76
437622	5423	72	2542861	5396	72	2542420A	5423	72	FG18T063	5697	84
437622	5467	74	2542884	5396	72	2542420A	5467	74	FG18T074	5697	84
439257	5396	72	2542966	5562	77	2542420B	5423	72	FG18T117	5697	84
439292	5432	73	2543538	5604	80	2542420B	5467	74	FG20S014	5514	76
439333	5411	72	2605359	5459	74	2542420C	5423	72	FG20S016	5514	76
439341	5432	73	2606446	5680	83	2542420C	5467	74	FG23S032	5623	80
439428	5374	71	2607928	5594	79	2542445A	5687	84	FG23S033	5623	80
439455	5574	78	2609013	5731	86	2542445A	6026	88	NRG9S018	5712	85
439476	5456	74	2609501	5731	86	2542466A	5389	71	SG10B016	5423	72
439483	5495	75	2610428	5716	85	2542466B	5389	71	SG10B016	5467	74
439502	5453	73	2610454	5713	85	2542466D	5389	71	SG10B017	5374	71
439505	5449	73	2618819	5659	82	2542548A	5423	72	SG10B019	5389	71
439514	5518	76	2622499	5729	86	2542548A	5467	74	SG10B020	5423	72
439519	5435	73	2625573	5716	85	2542670A	5449	73	SG10B020	5467	74
439523	6009	88	2625918	5493	74	2542670B	5449	73	SG10B032	5389	71
439524	5396	72	2650164	5687	84	2542850A	5396	72	SG10B034	5435	73
439524	5449	73	2650164	6026	88	2542851A	5396	72	SG10B064	5389	71
439561	5423	72	2650364	5569	78	2600730A	5687	84	SG11B010	5456	74

Valeo	Nº ZEN	Pg.	Valeo	Nº ZEN	Pg.	Valeo	Nº ZEN	Pg.	Volkswagen	Nº ZEN	Pg.
SG12B010	5380	71	TG12T039	5653	82	038903024G	5378	71	06B903016	5448	73
SG12B012	5380	71	TG13S011	5623	80	03C903025D	5378	71	06H903119	5697	84
SG12B017	5410	72	TG13S019	5623	80	03D903025D	5374	71	06H903119	6014	88
SG12B019	5389	71	TG13S023	5741	86	03D903025E	5374	71	06J903119	6014	88
SG12B050	5432	73	TG13S027	5623	80	03D903025H	5374	71	06K903015	6014	88
SG12B062	5461	74	TG14C012	5493	74	03D903025J	5374	71	06K903219	6014	88
SG12B071	5410	72	TG14C020	5514	76	03G903016A	5378	71	70903024	5533	77
SG12B089	5423	72	TG14C023	5514	76	03L903023A	5378	71	70903139	5533	77
SG12B089	5467	74	TG14C027	5493	74	03L903023E	5378	71	71903023	5383	71
SG12B095	5432	73	TG14C028	5493	74	03L903023F	5378	71	74903026	5425	72
SG12B096	5410	72	TG14C034	5514	76	03P903023D	5378	71	78903016	5446	73
SG12B105	5423	72	TG14C040	5697	84	03P903023E	5378	71	021903026B	5649	82
SG12B105	5467	74	TG14C043	5514	76	06F903023C	5378	71	026903015M	5409	72
SG12B108	5432	73	TG14C068	5514	76	06F903023D	5378	71	028903018A	5381	71
SG12B116	5432	73	TG14C071	5729	86	06F903023E	5378	71	028903018B	5383	71
SG14B017	5456	74	TG14C075	5729	86	06F903023F	5378	71	028903018X	5381	71
SG15L012	5574	78	TG15C013	5687	84	06F903023H	5378	71	028903025J	5381	71
SG15L026	5574	78	TG15C013	6026	88	Y40518300	5629	81	028903025Q	5381	71
SG15S019	5437	73	TG15C020	5453	73	Y40618300	5629	81	028903026A	5381	71
TG11C011	5676	83	TG15C028	5453	73	231000Q0A	5410	72	028903026A	5384	71
TG11C027	5575	78	TG15C046	5687	84	231000Q1F	5410	72	028903026B	5381	71
TG11C034	5423	72	TG15C046	6027	89	231000QA7	5410	72	028903026B	5384	71
TG11C034	5467	74	TG15C051	5687	84	231000QAM	5410	72	028903026G	5381	71
TG11C048	5493	74	TG15C053	5453	73	231000QBE	5410	72	028903027Q	5382	71
TG11C062	5676	83	TG15C058	5562	77	6421540502	5563	77	028903027S	5382	71
TG11C064	5423	72	TG15C089	6026	88	8200538402	5410	72	028903027T	5380	71
TG11C064	5467	74	TG15C107	6026	88	9655296080	5453	73	028903028F	5382	71
TG11C076	5680	83	TG15C107	6027	89	8V2110300AB	5629	81	028903028J	5381	71
TG11C086	5493	74	TG15C118	5629	81	8V2110300BB	5629	81	028903028L	5384	71
TG12B017	5410	72	TG15C130	5644	81	BV6N10300AA	5646	82	028903028P	5381	71
TG12B071	5410	72	TG15C133	5644	81	BV6N10300BB	5646	82	028903028P	5384	71
TG12B096	5410	72	TG15C134	5629	81	A003TG5291ZE	5565	77	028903029A	5380	71
TG12B110	5410	72	TG15C139	6027	89	<b>Vauxhall</b>	<b>Nº ZEN</b>	<b>Pg.</b>	028903029B	5380	71
TG12B123	5410	72	TG15C142	5562	77	5204246	5530	77	028903029D	5380	71
TG12C021	5565	77	TG15C149	5514	76	9512182	5530	77	028903029E	5380	71
TG12C032	5569	78	TG15C165	5514	76	13588330	5682	83	028903029N	5380	71
TG12C036	5623	80	TG15C177	5697	84	38189248	5530	77	028903029Q	5380	71
TG12C038	5629	81	TG15C201	5697	84	93189268	5530	77	028903029R	5380	71
TG12C040	5741	86	TG15S010	5687	84	95515961	5682	83	028903029S	5380	71
TG12C052	5623	80	TG15S010	6026	88	R1530025	5455	74	028903029T	5380	71
TG12C059	5565	77	TG15S051	6027	89	R1530084	5530	77	028903031A	5380	71
TG12C061	5565	77	TG15S089	5687	84	13117278YP	5396	72	377903015	5409	72
TG12C063	5644	81	TG15S089	6027	89	13117279YQ	5396	72	038903023G	5383	71
TG12C069	5623	80	TG15S107	5687	84	ZR13197577	5396	72	038903023H	5383	71
TG12C070	5623	80	TG15S107	6027	89	<b>Visteon</b>	<b>Nº ZEN</b>	<b>Pg.</b>	038903023J	5383	71
TG12C074	5623	80	TG17C041	5644	81	600120404	5408	72	038903023P	5385	71
TG12C085	5741	86	TG17C061	5644	81	2015001004	5429	73	038903023T	5385	71
TG12C103	5623	80	TG23C017	5644	81	DCA16391R1	5408	72	038903025A	5385	71
TG12C105	5623	80	TG23C022	5644	81	<b>Volkswagen</b>	<b>Nº ZEN</b>	<b>Pg.</b>	03C903023A	5493	74
TG12C106	5629	81	211072577	5565	77	28903028	5382	71	03C903023B	5514	76
TG12C107	5646	82	213014410	5643	81	28903031	5380	71	03C903023C	5493	74
TG12C108	5714	85	213067203	5565	77	38903025	5385	71	03C903023G	5493	74
TG12C123	5664	83	216181351	5629	81	04E903015	5729	86	03C903023S	5493	74
TG12C126	5664	83	36500164A	6026	88	06A903119	5697	84	03C903023T	5493	74
TG12C231	5664	83	038903023S	5378	71	06A903119	6014	88	03C903025D	5493	74

Volkswagen	Nº ZEN	Pg.	Volkswagen	Nº ZEN	Pg.	Volkswagen	Nº ZEN	Pg.	Volvo	Nº ZEN	Pg.
03F903023D	5493	74	06H903016J	6014	88	071903016C	5388	71	8251637	5389	71
03F903023E	5493	74	06H903016L	5697	84	071903016D	5388	71	8251638	5389	71
03F903023F	5493	74	06H903016L	6014	88	071903016D	5392	72	8251640	5389	71
03G903016F	5514	76	06H903016S	5697	84	071903016G	5392	72	8251641	5389	71
03G903016G	5514	76	06H903016S	6014	88	071903016H	5392	72	8251641	5410	72
03G903016L	5514	76	06H903017D	5697	84	071903023A	5383	71	8251641	5432	73
03G903023F	5514	76	06H903017D	6014	88	074903023C	5381	71	8251644	5389	71
03L903023Q	5514	76	06H903017J	5697	84	074903025A	5381	71	8251644	5410	72
045903023C	5514	76	06H903017J	6014	88	074903025B	5381	71	8251645	5389	71
045903023D	5514	76	06H903017S	5697	84	074903025C	5381	71	8251646	5389	71
045903023H	5514	76	06H903017S	6014	88	074903025D	5381	71	8251647	5389	71
048903015A	5409	72	06H903017T	5697	84	074903025L	5660	82	8251647	5410	72
048903017A	5409	72	06H903017T	6014	88	074903025S	5425	72	8251648	5389	71
04C903023C	5493	74	06H903018D	5697	84	074903025S	5660	82	8251648	5410	72
04C903023H	5729	86	06H903018D	6014	88	074903025T	5425	72	8251725	5410	72
04C903023J	5493	74	06H903018H	5697	84	078903119G	5446	73	8601699	5516	76
04C903023K	5729	86	06H903018H	6014	88	07K903023C	5505	75	8601841	5426	72
04C903023L	5729	86	06H903018J	5697	84	07Z903021C	5533	77	8602185	5389	71
04C903023P	5493	74	06H903018J	6014	88	07Z903021F	5533	77	8602186	5389	71
04E903021M	5729	86	06H903018P	6014	88	028903018AX	5381	71	8602276	5426	72
04E903021N	5729	86	06H903119A	6014	88	377903015A	5409	72	8602343	5426	72
04E903021P	5729	86	06H903119B	6014	88	377903015H	5409	72	8602356	5432	73
04E903021Q	5729	86	06H903201C	6014	88	377903015J	5409	72	8602629	5426	72
04E903021R	5729	86	06H903201D	6014	88	377903015N	5409	72	8602710	5425	72
04E903023C	5729	86	06H903201H	6014	88	03C903023AX	5493	74	8602710	5426	72
04E903023G	5729	86	06H903219C	6014	88	03C903023SX	5493	74	8602714	5425	72
04E903023H	5729	86	06J903023A	6014	88	3D0820805E	5533	77	8602714	5426	72
04E903023L	5729	86	06J903023B	6014	88	04C903023LX	5729	86	8602806	5389	71
04E903024G	5729	86	06J903023C	5448	73	04E903021MX	5729	86	8602806	5432	73
04E903024J	5729	86	06J903023D	6014	88	04E903021PX	5729	86	8603262	5426	72
04E903025H	5729	86	06J903023G	5697	84	04E903024GX	5729	86	8603265	5426	72
058903016D	5387	71	06J903023G	6014	88	04E903025JX	5729	86	8603268	5608	80
059903018A	5595	79	06J903023H	6014	88	059903018SX	5595	79	8603496	5608	80
059903018B	5595	79	06J903023K	5697	84	06B903016AB	5448	73	8622786	5426	72
059903018K	5595	79	06J903023K	6014	88	06B903016AC	5448	73	8637848	5426	72
059903018S	5595	79	06J903023N	6014	88	06B903016AD	5380	71	8651665	5426	72
06A903023B	6014	88	06J903023P	5697	84	06E903016NX	5718	85	8676496	5426	72
06A903023E	6014	88	06J903023P	6014	88	06H903016LX	5697	84	8676498	5426	72
06A903023F	5697	84	06J903023R	5697	84	06H903017JX	5697	84	8676499	5426	72
06A903023F	6014	88	06J903023R	6014	88	06H903017TX	5697	84	8697585	5450	73
06A903023G	6014	88	6K0903028	5381	71	074903025LX	5660	82	9442130	5425	72
06B903016B	5376	71	06K903015A	6014	88	7H0820805E	5533	77	9442827	5390	71
06B903016E	5380	71	06K903015B	6014	88	7H0820805F	5533	77	9459077	5426	72
06B903016P	5448	73	06K903023B	6014	88	07K903023CX	5505	75	9459092	5426	72
06B903016Q	5448	73	06K903023D	6014	88	<b>Volvo</b>	<b>Nº ZEN</b>	<b>Pg.</b>	9459093	5425	72
06E903016N	5718	85	06K903023G	6014	88	1704085	5648	82	9472908	5516	76
06E903016Q	5602	79	06K903024A	6014	88	1707062	5648	82	30620870	5432	73
06E903016S	5602	79	070903024A	5533	77	2542523	5432	73	30658085	5426	72
06E903018L	5602	79	070903024B	5533	77	3803645	5426	72	30658087	5426	72
06F903023D	5514	76	070903024F	5533	77	8111001	5426	72	30667103	5608	80
06F903023L	5514	76	070903024G	5533	77	8111122	5425	72	30667295	5504	75
06F903023M	5514	76	070903024H	5533	77	8111122	5426	72	30667787	5426	72
06F903023N	5514	76	070903139B	5533	77	8251071	5426	72	30667788	5426	72
06F903023P	5514	76	070903139C	5533	77	8251635	5389	71	30667894	5426	72
06H903016J	5697	84	070903139D	5533	77	8251635	5410	72	30667895	5426	72

<b>Volvo</b>	<b>Nº ZEN</b>	<b>Pg.</b>
30737529	5608	80
30773111	5668	83
30795169	5450	73
31110082	5686	84
31110085	5686	84
31260072	5589	79
31260073	5589	79
31285435	5646	82
31285436	5646	82
31285592	5648	82
31288154	5648	82
31288155	5648	82
31288879	5668	83
31288880	5668	83
36000207	5668	83
36000209	5686	84
36000210	5686	84
36000220	5504	75
36000223	5450	73
36000613	5668	83
36000798	5450	73
36001101	5646	82
36001102	5646	82
36001463	5608	80
36001497	5668	83
36002013	5646	82
36002122	5646	82
36002231	5432	73
36002577	5648	82
36002584	5589	79
36002650	5589	79
36002816	5646	82
93160665	5410	72
93161425	5410	72
93189523	5410	72
360002090	5686	84
360002100	5686	84
30795422AA	5501	75
30795423AA	5501	75
<b>Wilson</b>	<b>Nº ZEN</b>	<b>Pg.</b>
90156325	5383	71
90156326	5383	71
90156329	5381	71
90156329	5383	71
<b>Woodauto</b>	<b>Nº ZEN</b>	<b>Pg.</b>
ALT10166	5383	71
ALT10211	5381	71
<b>Worldwide</b>	<b>Nº ZEN</b>	<b>Pg.</b>
12032	5383	71
12049	5383	71

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

5374			
	R	6	
	RD	55.6	
	ID	17.06	
	S	16	
	W	39.5	
	Z	9	
	OD1	61	
	H	16	
	APLICAÇÃO Application / Aplicación Pg. 91	CW/CCW	Horário

5375			
	R	6	
	RD	55.6	
	ID	17.06	
	S	16	
	W	36.4	
	Z	5.9	
	OD1	61	
	H	7.6	
	APLICAÇÃO Application / Aplicación Pg. 91	CW/CCW	Horário

5376			
	R	5	
	RD	55.6	
	ID	17.06	
	S	16	
	W	36.4	
	Z	7.7	
	OD1	61	
	H	11.1	
	APLICAÇÃO Application / Aplicación Pg. 91	CW/CCW	Horário

5377			
	R	6	
	RD	56	
	ID	17.06	
	S	16	
	W	42.7	
	Z	15.5	
	OD1	61	
	H	7.6	
	APLICAÇÃO Application / Aplicación Pg. 91	CW/CCW	Horário

5378			
	R	6	
	RD	56.2	
	ID	17.06	
	S	16	
	W	42.7	
	Z	15.15	
	OD1	61	
	H	11.1	
	APLICAÇÃO Application / Aplicación Pg. 92	CW/CCW	Horário

5379			
	R	6	
	RD	61.5	
	ID	17.06	
	S	17	
	W	41.5	
	Z	14	
	OD1	65.5	
	H	11	
	APLICAÇÃO Application / Aplicación Pg. 92	CW/CCW	Horário

5380			
	R	5	
	RD	56.2	
	ID	17.06	
	S	16	
	W	36.4	
	Z	5.6	
	OD1	61	
	H	11.1	
	APLICAÇÃO Application / Aplicación Pg. 93	CW/CCW	Horário

5381			
	R	6	
	RD	50	
	ID	17.06	
	S	16	
	W	40.3	
	Z	15.6	
	OD1	54.05	
	H	16	
	APLICAÇÃO Application / Aplicación Pg. 93	CW/CCW	Horário

5382			
	R	5	
	RD	56.2	
	ID	17.06	
	S	16	
	W	36.6	
	Z	5.8	
	OD1	61	
	H	16	
	APLICAÇÃO Application / Aplicación Pg. 94	CW/CCW	Horário

5383			
	R	6	
	RD	56	
	ID	17.06	
	S	16	
	W	42.7	
	Z	15.7	
	OD1	61	
	H	16	
	APLICAÇÃO Application / Aplicación Pg. 94	CW/CCW	Horário

5384			
	R	5	
	RD	56.2	
	ID	17.06	
	S	16	
	W	42.4	
	Z	18.3	
	OD1	61	
	H	16	
	APLICAÇÃO Application / Aplicación Pg. 94	CW/CCW	Horário

5385			
	R	5	
	RD	56.2	
	ID	17.06	
	S	16	
	W	42.2	
	Z	18.1	
	OD1	61	
	H	11.1	
	APLICAÇÃO Application / Aplicación Pg. 94	CW/CCW	Horário

5387			
	R	5	
	RD	55.6	
	ID	17.06	
	S	16	
	W	36.6	
	Z	7.7	
	OD1	61	
	H	16	
	APLICAÇÃO Application / Aplicación Pg. 95	CW/CCW	Horário

5388			
	R	6	
	RD	56.2	
	ID	17.06	
	S	16	
	W	36.4	
	Z	7.6	
	OD1	61	
	H	11.1	
	APLICAÇÃO Application / Aplicación Pg. 95	CW/CCW	Horário

5389			
	R	6	
	RD	55.6	
	ID	17.06	
	S	16	
	W	41.7	
	Z	11.2	
	OD1	61	
	H	16	
	APLICAÇÃO Application / Aplicación Pg. 95	CW/CCW	Horário

5390			
	R	6	
	RD	55.6	
	ID	17.06	
	S	16	
	W	37.3	
	Z	6.8	
	OD1	61	
	H	16	
	APLICAÇÃO Application / Aplicación Pg. 95	CW/CCW	Horário

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

## 5392



APLICAÇÃO  
Application / Aplicación  
Pg. 95

R	6
RD	56.2
ID	17.06
S	16
W	36.4
Z	7.6
OD1	61
H	16
CW/CCW	Horário

## 5393



APLICAÇÃO  
Application / Aplicación  
Pg. 96

R	6
RD	50
ID	17.06
S	16
W	40.3
Z	15.6
OD1	54.05
H	7.6
CW/CCW	Horário

## 5395



APLICAÇÃO  
Application / Aplicación  
Pg. 96

R	6
RD	50
ID	17.06
S	16
W	40.2
Z	15.5
OD1	54.05
H	11.1
CW/CCW	Horário

## 5396



APLICAÇÃO  
Application / Aplicación  
Pg. 97

R	6
RD	53.9
ID	17.06
S	16
W	36.1
Z	7.7
OD1	54.5
H	11.1
CW/CCW	Horário

## 5403



APLICAÇÃO  
Application / Aplicación  
Pg. 97

R	7
RD	59.1
ID	17.06
S	16
W	36.4
Z	5
OD1	61
H	9
CW/CCW	Horário

## 5406



APLICAÇÃO  
Application / Aplicación  
Pg. 97

R	6
RD	54.8
ID	17.06
S	17
W	35.9
Z	3.9
OD1	58.8
H	11.4
CW/CCW	Horário

## 5408



APLICAÇÃO  
Application / Aplicación  
Pg. 97

R	7
RD	59.1
ID	17.06
S	16
W	45.1
Z	6.8
OD1	61
H	17
CW/CCW	Horário

## 5409



APLICAÇÃO  
Application / Aplicación  
Pg. 97

R	6
RD	56.2
ID	17.06
S	16
W	36.4
Z	4.4
OD1	61
H	11.1
CW/CCW	Horário

## 5410



APLICAÇÃO  
Application / Aplicación  
Pg. 98

R	6
RD	49
ID	17.06
S	16
W	37.4
Z	11.1
OD1	54.05
H	16
CW/CCW	Horário

## 5411



APLICAÇÃO  
Application / Aplicación  
Pg. 98

R	5
RD	50.5
ID	17.06
S	16
W	44.7
Z	23.2
OD1	54.05
H	16
CW/CCW	Horário

## 5419



APLICAÇÃO  
Application / Aplicación  
Pg. 99

R	6
RD	60
ID	17.06
S	17
W	39.7
Z	9.2
OD1	65
H	17
CW/CCW	Horário

## 5422



APLICAÇÃO  
Application / Aplicación  
Pg. 99

R	6
RD	50
ID	17.06
S	16
W	31.9
Z	4.8
OD1	55
H	8
CW/CCW	Horário

## 5423



APLICAÇÃO  
Application / Aplicación  
Pg. 99

R	6
RD	54.8
ID	17.06
S	16
W	43.2
Z	17.1
OD1	58.8
H	14
CW/CCW	Horário

## 5424



APLICAÇÃO  
Application / Aplicación  
Pg. 99

R	5
RD	58
ID	17.06
S	14
W	41
Z	13.5
OD1	63
H	11.8
CW/CCW	Horário

## 5425



APLICAÇÃO  
Application / Aplicación  
Pg. 100

R	6
RD	67.7
ID	17.06
S	16
W	41.7
Z	14.65
OD1	73
H	11.5
CW/CCW	Horário

## 5426



APLICAÇÃO  
Application / Aplicación  
Pg. 100

R	6
RD	55.6
ID	17.06
S	16
W	37.5
Z	6
OD1	61
H	7.6
CW/CCW	Anti-horário



R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

### 5428



R	6
RD	57.6
ID	17.06
S	14
W	40.4
Z	8.5
OD1	63
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 100

### 5429



R	6
RD	53.9
ID	17.06
S	16
W	35.5
Z	6.9
OD1	54.05
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 101

### 5431



R	7
RD	59.1
ID	17.06
S	16
W	40.5
Z	7.1
OD1	64
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 101

### 5432



R	5
RD	48.8
ID	17.06
S	16
W	37.4
Z	15.2
OD1	54.05
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 101

### 5435



R	5
RD	53.8
ID	17.06
S	16
W	39.5
Z	12.4
OD1	59
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 101

### 5437



R	6
RD	54.3
ID	17.06
S	16
W	40.5
Z	7.1
OD1	58.8
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 102

### 5438



R	6
RD	60
ID	17.06
S	16
W	39.6
Z	9.1
OD1	65
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 102

### 5440



R	6
RD	53.9
ID	17.06
S	17
W	37.4
Z	9
OD1	54.5
H	14
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 102

### 5445



R	7
RD	50
ID	17.06
S	16
W	39.8
Z	10.9
OD1	55
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 102

### 5446



R	6
RD	65
ID	17.06
S	16
W	38
Z	4.3
OD1	70
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 103

### 5448



R	6
RD	56
ID	17.06
S	16
W	39.8
Z	12.65
OD1	61
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 103

### 5449



R	6
RD	54
ID	17.06
S	16
W	39.5
Z	8
OD1	58.8
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 103

### 5450



R	6
RD	54.3
ID	17.06
S	16
W	38.3
Z	7.5
OD1	60.7
H	11.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 104

### 5452



R	7
RD	58
ID	17.06
S	16
W	39.7
Z	8.3
OD1	64
H	11.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 104

### 5453



R	6
RD	54
ID	17.06
S	16
W	41.7
Z	12.4
OD1	59
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 104

### 5454



R	6
RD	59.5
ID	17.06
S	16
W	42.5
Z	9
OD1	64
H	20
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 105

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

## 5455



R	5
RD	54
ID	17.06
S	16
W	36.4
Z	8
OD1	58.8
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 105

## 5456



R	6
RD	49
ID	17.06
S	16
W	35.2
Z	9.7
OD1	54.05
H	11.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 105

## 5457



R	6
RD	54.2
ID	17.06
S	16
W	41.8
Z	11.8
OD1	59
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 106

## 5458



R	6
RD	49.1
ID	17.06
S	16
W	31.8
Z	3.3
OD1	54.05
H	11.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 106

## 5459



R	7
RD	69
ID	17.06
S	16
W	42.4
Z	9.2
OD1	73
H	20
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 106

## 5460



R	6
RD	59.5
ID	17.06
S	16
W	39.5
Z	10.4
OD1	64
H	7.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 106

## 5461



R	7
RD	56
ID	17.06
S	16
W	45.1
Z	14.9
OD1	61
H	11.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 107

## 5462



R	6
RD	58.6
ID	17.06
S	17
W	39.7
Z	6.7
OD1	63
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 107

## 5463



R	6
RD	49.8
ID	17.06
S	16
W	36.1
Z	10.7
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 107

## 5464



R	6
RD	49.3
ID	17.06
S	14
W	40.2
Z	17.8
OD1	54.05
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 107

## 5466



R	5
RD	60
ID	17.06
S	16
W	36.4
Z	6.4
OD1	64
H	7.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 107

## 5467



R	6
RD	55
ID	17.06
S	16
W	43.6
Z	17.6
OD1	55
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 108

## 5468



R	5
RD	54.8
ID	17.06
S	16
W	43.2
Z	16
OD1	58
H	14
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. -

## 5492



R	7
RD	49
ID	17.06
S	16
W	38.2
Z	7.9
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 108

## 5493



R	6
RD	49.7
ID	17.06
S	16
W	32.7
Z	4.9
OD1	54.05
H	11.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 109




## 5494



R	7
RD	50
ID	17.06
S	16
W	39.6
Z	10.7
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 109

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

<b>5495</b>			<b>5496</b>			<b>5497</b>			<b>5498</b>		
	R	6		R	5		R	6		R	6
	RD	60		RD	60		RD	59.6		RD	56.8
	ID	17.06		ID	17		ID	17.06		ID	17.15
	S	16		S	14		S	16		S	17
	W	39.6		W	40.8		W	39.6		W	39.9
	Z	7.1		Z	10.8		Z	5.7		Z	6.2
	OD1	65		OD1	64		OD1	64		OD1	61
	H	17		H	11.1		H	14		H	14.7
	APLICAÇÃO Application / Aplicación Pg. 109	CW/CCW		Horário	APLICAÇÃO Application / Aplicación Pg. 109		CW/CCW	Horário		APLICAÇÃO Application / Aplicación Pg. 110	CW/CCW
<b>5499</b>			<b>5500</b>			<b>5501</b>			<b>5502</b>		
	R	6		R	6		R	6		R	7
	RD	53.4		RD	52.25		RD	54.8		RD	55
	ID	17.06		ID	17.06		ID	17.06		ID	17.06
	S	16		S	16		S	14		S	14
	W	38.5		W	42.2		W	43.6		W	41.1
	Z	5.2		Z	13.2		Z	16.5		Z	8.8
	OD1	59		OD1	56.6		OD1	58.8		OD1	61
	H	14.3		H	11.1		H	11.8		H	12.3
	APLICAÇÃO Application / Aplicación Pg. 110	CW/CCW		Horário	APLICAÇÃO Application / Aplicación Pg. 110		CW/CCW	Horário		APLICAÇÃO Application / Aplicación Pg. 110	CW/CCW
<b>5503</b>			<b>5504</b>			<b>5505</b>			<b>5506</b>		
	R	7		R	6		R	5		R	6
	RD	52.5		RD	54.8		RD	56		RD	55.6
	ID	17.06		ID	17.06		ID	17.06		ID	17.06
	S	14		S	16		S	16		S	17
	W	41.5		W	36.9		W	41.7		W	37.7
	Z	9.2		Z	4.5		Z	17.9		Z	7.2
	OD1	58		OD1	64.2		OD1	61		OD1	61
	H	12.3		H	11.1		H	12.7		H	11.4
	APLICAÇÃO Application / Aplicación Pg. 111	CW/CCW		Horário	APLICAÇÃO Application / Aplicación Pg. 111		CW/CCW	Horário		APLICAÇÃO Application / Aplicación Pg. 111	CW/CCW
<b>5507</b>			<b>5508</b>			<b>5509</b>			<b>5510</b>		
	R	6		R	5		R	7		R	5
	RD	53		RD	56.8		RD	58		RD	51.8
	ID	17.06		ID	17.06		ID	15		ID	17.06
	S	17		S	16		S	14		S	16
	W	37.5		W	41.8		W	39.7		W	36.6
	Z	9		Z	18.7		Z	8.3		Z	14.7
	OD1	57		OD1	60		OD1	64.4		OD1	54.05
	H	17.5		H	7.6		H	9.9		H	16
	APLICAÇÃO Application / Aplicación Pg. 112	CW/CCW		Horário	APLICAÇÃO Application / Aplicación Pg. 112		CW/CCW	Horário		APLICAÇÃO Application / Aplicación Pg. 112	CW/CCW

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

5511		
	R	6
	RD	56
	ID	17.06
	S	17
	W	37.4
	Z	8.3
	OD1	59
	H	17.5
APLICAÇÃO Application / Aplicación Pg. 113	CW/CCW	Horário

5512		
	R	6
	RD	55
	ID	17.06
	S	16
	W	46.7
	Z	17.7
	OD1	60
	H	17
APLICAÇÃO Application / Aplicación Pg. 113	CW/CCW	Horário

5513		
	R	7
	RD	58
	ID	17.06
	S	14
	W	39.9
	Z	8.5
	OD1	64.4
	H	8.6
APLICAÇÃO Application / Aplicación Pg. 113	CW/CCW	Horário

5514		
	R	6
	RD	49.5
	ID	17.06
	S	16
	W	39.5
	Z	14.5
	OD1	54.05
	H	11.1
APLICAÇÃO Application / Aplicación Pg. 113	CW/CCW	Horário

5515		
	R	6
	RD	52.5
	ID	17.06
	S	16
	W	33.6
	Z	4.5
	OD1	58
	H	11.3
APLICAÇÃO Application / Aplicación Pg. 114	CW/CCW	Horário

5516		
	R	6
	RD	55.6
	ID	17.06
	S	14
	W	42.7
	Z	15.2
	OD1	60
	H	11.1
APLICAÇÃO Application / Aplicación Pg. 114	CW/CCW	Anti-horário

5518		
	R	5
	RD	53.6
	ID	17.06
	S	16
	W	39.3
	Z	9.9
	OD1	60
	H	16
APLICAÇÃO Application / Aplicación Pg. 114	CW/CCW	Horário

5519		
	R	8
	RD	57.8
	ID	17.06
	S	16
	W	38
	Z	4.6
	OD1	62.8
	H	11.1
APLICAÇÃO Application / Aplicación Pg. 114	CW/CCW	Horário

5520		
	R	6
	RD	57.6
	ID	17.06
	S	17
	W	40.2
	Z	8.3
	OD1	63
	H	17.5
APLICAÇÃO Application / Aplicación Pg. 114	CW/CCW	Horário

5521		
	R	6
	RD	57.7
	ID	17.06
	S	14
	W	40.4
	Z	8.9
	OD1	63
	H	12.2
APLICAÇÃO Application / Aplicación Pg. 115	CW/CCW	Anti-horário

5522		
	R	7
	RD	64.7
	ID	17.06
	S	17
	W	36.5
	Z	5.5
	OD1	69
	H	11.4
APLICAÇÃO Application / Aplicación Pg. 115	CW/CCW	Horário

5523		
	R	6
	RD	49
	ID	17.06
	S	16
	W	34.1
	Z	7.9
	OD1	54.05
	H	12.3
APLICAÇÃO Application / Aplicación Pg. 115	CW/CCW	Horário

5524		
	R	6
	RD	54.3
	ID	17.06
	S	16
	W	39.9
	Z	9.1
	OD1	60.7
	H	17
APLICAÇÃO Application / Aplicación Pg. 115	CW/CCW	Horário

5525		
	R	5
	RD	54.5
	ID	17.06
	S	16
	W	43.1
	Z	17.6
	OD1	59
	H	11.2
APLICAÇÃO Application / Aplicación Pg. 115	CW/CCW	Horário

5526		
	R	6
	RD	48.6
	ID	17.06
	S	14
	W	41.5
	Z	15.3
	OD1	54.05
	H	11.1
APLICAÇÃO Application / Aplicación Pg. 115	CW/CCW	Horário

5527		
	R	8
	RD	59.5
	ID	17
	S	17
	W	42.8
	Z	9
	OD1	65
	H	17
APLICAÇÃO Application / Aplicación Pg. 116	CW/CCW	Horário

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

**5528**



R	6
RD	54
ID	17.06
S	17
W	43.5
Z	16
OD1	58
H	14.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 116

**5529**



R	6
RD	49.8
ID	17.06
S	16
W	34.3
Z	5.5
OD1	54.05
H	7.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 116

**5530**



R	5
RD	56.9
ID	17.06
S	16
W	45.9
Z	22.9
OD1	60
H	6.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 116

**5532**



R	6
RD	53.8
ID	17.06
S	16
W	45.5
Z	18.4
OD1	60.2
H	7.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 117

**5533**



R	18
RD	62
ID	17.06
S	16
W	32.9
Z	16.9
OD1	62
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 117

**5534**



R	8
RD	55.6
ID	17.06
S	16
W	39
Z	4.6
OD1	61
H	9
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 117

**5535**



R	6
RD	51.8
ID	17.06
S	16
W	39.4
Z	12.2
OD1	59
H	7.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 117

**5536**



R	6
RD	57.2
ID	17.06
S	14
W	39
Z	8
OD1	61.5
H	11.4
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 117

**5559**



R	6
RD	57.5
ID	17.06
S	14
W	51.4
Z	24.2
OD1	63.9
H	12.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 118

**5560**



R	6
RD	62.1
ID	17.06
S	17
W	45.4
Z	14.2
OD1	65.5
H	8.9
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 118

**5561**



R	6
RD	57.5
ID	17.06
S	16
W	38.4
Z	9.6
OD1	63
H	11.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 118

**5562**



R	7
RD	48.8
ID	17.06
S	16
W	41.4
Z	11.7
OD1	54.05
H	16.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 118

**5563**



R	8
RD	50
ID	17.06
S	16
W	52.2
Z	19.5
OD1	54.05
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 118

**5564**



R	6
RD	49.3
ID	17.06
S	16
W	34.3
Z	7.9
OD1	54.05
H	11.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 119

**5565**



R	6
RD	49.5
ID	17.06
S	16
W	42
Z	16.6
OD1	54.8
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 119

**5566**



R	8
RD	50.1
ID	17.06
S	16
W	43.3
Z	11.1
OD1	54.05
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 119

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

## 5567



R	7
RD	57.5
ID	15.06
S	14
W	42.4
Z	10.9
OD1	63.9
H	12.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 119

## 5569



R	6
RD	52.5
ID	17.06
S	16
W	37.1
Z	8
OD1	58
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 119

## 5570



R	8
RD	59.83
ID	17.06
S	14
W	43.5
Z	8.9
OD1	65
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 120

## 5571



R	6
RD	56.4
ID	17.06
S	16
W	36.4
Z	5.3
OD1	62.8
H	9
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 120

## 5572



R	6
RD	52.4
ID	17.06
S	14
W	36.2
Z	9
OD1	57.5
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 120

## 5573



R	6
RD	58.7
ID	17.06
S	14
W	42.6
Z	15.2
OD1	63.1
H	11
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 120

## 5574



R	5
RD	49.7
ID	17.06
S	16
W	37.5
Z	15.3
OD1	54.05
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 120

## 5575



R	6
RD	55
ID	17.06
S	16
W	43.1
Z	14.1
OD1	60
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 121

## 5576



R	6
RD	61.5
ID	17.06
S	17
W	43.5
Z	16
OD1	65.5
H	14.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 121

## 5578



R	6
RD	59.35
ID	15.06
S	14
W	40.5
Z	12.7
OD1	65.02
H	9.9
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 121

## 5580



R	6
RD	58.7
ID	17.06
S	16
W	36.4
Z	8.1
OD1	64.1
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 122

## 5581



R	7
RD	50
ID	17.06
S	16
W	49.3
Z	19.4
OD1	55
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 122

## 5582



R	6
RD	49.8
ID	17.06
S	17
W	39.8
Z	14
OD1	54.05
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 122

## 5583



R	5
RD	57
ID	17.06
S	16
W	41.6
Z	18.7
OD1	61
H	14
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 122

## 5584



R	7
RD	49
ID	17.06
S	17
W	38.7
Z	10.1
OD1	54.05
H	17.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 123

## 5585



R	6
RD	55
ID	17.06
S	17
W	42.4
Z	15.7
OD1	59
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 123

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

### 5586



R	6
RD	53.8
ID	17.06
S	16
W	42.9
Z	16.3
OD1	59
H	14
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 123

### 5587



R	6
RD	49.3
ID	17.06
S	17
W	41.8
Z	15.4
OD1	54.8
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 123

### 5588



R	5
RD	60
ID	17.06
S	14
W	40.4
Z	9
OD1	65.5
H	13.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 123

### 5589



R	6
RD	57.5
ID	17.06
S	16
W	50.9
Z	24.3
OD1	63
H	11.2
CW/CCW	Anti-horário

APLICAÇÃO  
Application / Aplicación  
Pg. 124

### 5590



R	5
RD	53.7
ID	17.06
S	16
W	34.8
Z	8.3
OD1	59
H	7.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 124

### 5591



R	7
RD	70
ID	17.06
S	14
W	39.9
Z	9
OD1	75
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 124

### 5592



R	7
RD	60
ID	17.06
S	14
W	40.4
Z	9
OD1	65.5
H	13.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 124

### 5593



R	6
RD	55
ID	17.06
S	16
W	38.2
Z	9.9
OD1	59
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 124

### 5594



R	6
RD	54.9
ID	17.06
S	16
W	37.8
Z	8.9
OD1	59
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 125

### 5595



R	6
RD	55.9
ID	17.06
S	16
W	34.8
Z	4.8
OD1	61
H	11.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 125

### 5596



R	6
RD	53.7
ID	17.06
S	16
W	35.2
Z	8.2
OD1	59
H	7.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 125

### 5597



R	6
RD	59.8
ID	17.06
S	17
W	36.9
Z	8.3
OD1	64
H	17.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 125

### 5598



R	7
RD	64.9
ID	17.06
S	14
W	39.9
Z	9
OD1	70.4
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 125

### 5599



R	7
RD	54.9
ID	17.06
S	16
W	40
Z	9.6
OD1	59
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 126

### 5601



R	6
RD	62.3
ID	17.06
S	16
W	34.7
Z	2.5
OD1	68.2
H	7.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 126

### 5602



R	6
RD	60.4
ID	17.06
S	16
W	44.3
Z	17.3
OD1	65
H	14
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 126

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

## 5603



APLICAÇÃO  
Application / Aplicación  
Pg. 126

R	6
RD	56
ID	17.06
S	17
W	43.5
Z	16.4
OD1	60
H	14.3
CW/CCW	Horário

## 5604



APLICAÇÃO  
Application / Aplicación  
Pg. 126

R	6
RD	54.9
ID	17.06
S	16
W	38
Z	8
OD1	59
H	14.5
CW/CCW	Horário

## 5605



APLICAÇÃO  
Application / Aplicación  
Pg. 126

R	6
RD	64.6
ID	17.06
S	16
W	39.9
Z	13
OD1	70
H	11.1
CW/CCW	Horário

## 5607



APLICAÇÃO  
Application / Aplicación  
Pg. 127

R	7
RD	64.7
ID	17.06
S	17
W	40.8
Z	9.8
OD1	69
H	17.5
CW/CCW	Horário

## 5608



APLICAÇÃO  
Application / Aplicación  
Pg. 127

R	5
RD	55.5
ID	17.06
S	14
W	39.6
Z	11.1
OD1	59
H	11.1
CW/CCW	Horário

## 5609



APLICAÇÃO  
Application / Aplicación  
Pg. 127

R	7
RD	57.5
ID	17.06
S	14
W	42.4
Z	10.9
OD1	63.9
H	12.2
CW/CCW	Horário

## 5610



APLICAÇÃO  
Application / Aplicación  
Pg. 127

R	7
RD	55
ID	17.06
S	17
W	44.2
Z	13.8
OD1	59
H	17
CW/CCW	Horário

## 5611



APLICAÇÃO  
Application / Aplicación  
Pg. 127

R	5
RD	56.8
ID	17.06
S	16
W	41.8
Z	18.7
OD1	60
H	7.6
CW/CCW	Horário

## 5612



APLICAÇÃO  
Application / Aplicación  
Pg. 128

R	6
RD	54.3
ID	17.06
S	17
W	39.8
Z	9
OD1	60.7
H	17
CW/CCW	Horário

## 5613



APLICAÇÃO  
Application / Aplicación  
Pg. 128

R	6
RD	62.5
ID	17.06
S	14
W	38.4
Z	9
OD1	68
H	12.3
CW/CCW	Horário

## 5614



APLICAÇÃO  
Application / Aplicación  
Pg. 128

R	7
RD	55
ID	17.06
S	17
W	38.7
Z	8.3
OD1	59
H	17.5
CW/CCW	Horário

## 5622



APLICAÇÃO  
Application / Aplicación  
Pg. 128

R	6
RD	53.7
ID	17.06
S	16
W	40.7
Z	13.7
OD1	59
H	14.4
CW/CCW	Horário

## 5623



APLICAÇÃO  
Application / Aplicación  
Pg. 128

R	6
RD	54
ID	17.06
S	16
W	41.3
Z	9.8
OD1	58.8
H	14
CW/CCW	Horário

## 5624



APLICAÇÃO  
Application / Aplicación  
Pg. 129

R	6
RD	53.7
ID	17.06
S	16
W	50.1
Z	23.3
OD1	59
H	14.5
CW/CCW	Horário

## 5625



APLICAÇÃO  
Application / Aplicación  
Pg. 129

R	6
RD	59.8
ID	17.06
S	16
W	40.1
Z	11.5
OD1	64
H	14.4
CW/CCW	Horário

## 5626



APLICAÇÃO  
Application / Aplicación  
Pg. 129

R	6
RD	59.8
ID	17.06
S	16
W	41.8
Z	13.2
OD1	64
H	14.5
CW/CCW	Horário



R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

### 5627



R	6
RD	61.5
ID	17.06
S	16
W	45
Z	18.1
OD1	65
H	7.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 129

### 5628



R	5
RD	53.7
ID	17.06
S	16
W	35.9
Z	9.4
OD1	59
H	14.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 129

### 5629



R	6
RD	54
ID	17.06
S	16
W	42.2
Z	12.9
OD1	59
H	14.4
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 129

### 5630



R	6
RD	55
ID	17.06
S	16
W	39
Z	10.7
OD1	59
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 130

### 5631



R	6
RD	64.6
ID	17.06
S	16
W	44.2
Z	17.3
OD1	70
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 130

### 5632



R	6
RD	56
ID	17.06
S	16
W	48
Z	20.8
OD1	61
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 130

### 5633



R	7
RD	49.1
ID	17.06
S	16
W	32.8
Z	3.3
OD1	54.05
H	11.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 130

### 5634



R	5
RD	54
ID	17.06
S	16
W	42.2
Z	18.1
OD1	58.4
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 130

### 5635



R	6
RD	49.7
ID	17.06
S	14
W	37.2
Z	9.4
OD1	55
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 131

### 5638



R	7
RD	59.1
ID	17.06
S	17
W	35.9
Z	4.5
OD1	61
H	11.4
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 131

### 5640



R	5
RD	67
ID	17.06
S	16
W	34.3
Z	6.3
OD1	70.4
H	7.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 131

### 5641



R	5
RD	54
ID	17.06
S	16
W	41.6
Z	18
OD1	59
H	7.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 131

### 5642



R	6
RD	61.5
ID	17.06
S	17
W	42
Z	15
OD1	65.5
H	11.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 131

### 5643



R	6
RD	49.5
ID	17.06
S	16
W	38.5
Z	13.5
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 132

### 5644



R	6
RD	50
ID	17.06
S	16
W	47.7
Z	19.4
OD1	54.05
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 132

### 5645



R	5
RD	60
ID	15.06
S	14
W	40.4
Z	9
OD1	65.5
H	12.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 132

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

## 5646



APLICAÇÃO  
Application / Aplicación  
Pg. 132

R	6
RD	51.3
ID	17.06
S	16
W	36.7
Z	8.1
OD1	56.3
H	14.5
CW/CCW	Horário

## 5647



APLICAÇÃO  
Application / Aplicación  
Pg. 133

R	3
RD	58.3
ID	17.06
S	16
W	41.4
Z	22.3
OD1	62.2
H	11.3
CW/CCW	Horário

## 5648



APLICAÇÃO  
Application / Aplicación  
Pg. 133

R	6
RD	53.8
ID	17.06
S	14
W	43.2
Z	16.6
OD1	59
H	11
CW/CCW	Horário

## 5649



APLICAÇÃO  
Application / Aplicación  
Pg. 133

R	7
RD	55.9
ID	17.06
S	16
W	36.2
Z	5.2
OD1	61
H	11.3
CW/CCW	Horário

## 5650



APLICAÇÃO  
Application / Aplicación  
Pg. 133

R	8
RD	49.8
ID	17
S	14
W	41.4
Z	8.7
OD1	54.8
H	12
CW/CCW	Horário

## 5651



APLICAÇÃO  
Application / Aplicación  
Pg. 133

R	8
RD	71.3
ID	17.06
S	16
W	42.4
Z	7.2
OD1	75
H	17
CW/CCW	Horário

## 5652



APLICAÇÃO  
Application / Aplicación  
Pg. 134

R	6
RD	51.6
ID	17.06
S	17
W	41
Z	12.4
OD1	56.6
H	17
CW/CCW	Horário

## 5653



APLICAÇÃO  
Application / Aplicación  
Pg. 134

R	6
RD	50.1
ID	17.06
S	16
W	40.9
Z	15.5
OD1	54.05
H	14.5
CW/CCW	Horário

## 5654



APLICAÇÃO  
Application / Aplicación  
Pg. 134

R	5
RD	54
ID	17.06
S	17
W	37.2
Z	9.5
OD1	58
H	14
CW/CCW	Horário

## 5655



APLICAÇÃO  
Application / Aplicación  
Pg. 134

R	6
RD	54
ID	17.06
S	17
W	42.2
Z	12.9
OD1	59
H	14.4
CW/CCW	Horário

## 5656



APLICAÇÃO  
Application / Aplicación  
Pg. 134

R	7
RD	55
ID	17.06
S	14
W	39.2
Z	8.8
OD1	59
H	12
CW/CCW	Horário

## 5657



APLICAÇÃO  
Application / Aplicación  
Pg. 134

R	6
RD	54
ID	17.06
S	14
W	40.8
Z	9.3
OD1	58.8
H	11.8
CW/CCW	Horário

## 5658



APLICAÇÃO  
Application / Aplicación  
Pg. 135

R	6
RD	58
ID	17.06
S	14
W	45.3
Z	13.4
OD1	63
H	12.1
CW/CCW	Horário

## 5659



APLICAÇÃO  
Application / Aplicación  
Pg. 135

R	6
RD	58
ID	17.06
S	16
W	40.6
Z	8.7
OD1	63
H	12
CW/CCW	Horário

## 5660



APLICAÇÃO  
Application / Aplicación  
Pg. 135

R	6
RD	67.7
ID	17.06
S	16
W	41.7
Z	14.65
OD1	73
H	16
CW/CCW	Horário

## 5661



APLICAÇÃO  
Application / Aplicación  
Pg. 135

R	6
RD	59.8
ID	17.06
S	16
W	43.2
Z	16.2
OD1	65
H	16
CW/CCW	Horário

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

## 5662



R	6
RD	60.4
ID	17.06
S	17
W	44.3
Z	17.3
OD1	65
H	17.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 135

## 5663



R	6
RD	55
ID	17.06
S	16
W	38
Z	9.7
OD1	59
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 135

## 5664



R	6
RD	48.4
ID	17.06
S	16
W	32
Z	4.5
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 136

## 5667



R	7
RD	54
ID	17.06
S	16
W	38.2
Z	7.9
OD1	59
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 136

## 5668



R	5
RD	55.6
ID	17.06
S	16
W	34.5
Z	10.7
OD1	61
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 136

## 5670



R	5
RD	54.5
ID	17.06
S	16
W	40.8
Z	17.5
OD1	59
H	13.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 136

## 5673



R	7
RD	55.6
ID	17.06
S	16
W	49.9
Z	19.4
OD1	59.6
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 136

## 5674



R	6
RD	48.6
ID	17.06
S	16
W	39
Z	13.7
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 136

## 5675



R	6
RD	54.1
ID	17.06
S	16
W	33.5
Z	6.6
OD1	57.5
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 137

## 5676



R	5
RD	56.2
ID	17.06
S	16
W	42.2
Z	18.1
OD1	61
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 137

## 5677



R	6
RD	55.7
ID	17.06
S	16
W	39.3
Z	12.1
OD1	61
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 137

## 5678



R	6
RD	54.1
ID	17.06
S	17
W	38.5
Z	11.3
OD1	59
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 137

## 5679



R	6
RD	54.05
ID	17.06
S	16
W	32
Z	3.4
OD1	59
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 137

## 5680



R	6
RD	59.5
ID	17.06
S	16
W	42.2
Z	8.7
OD1	64
H	14.4
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 137

## 5681



R	8
RD	71.2
ID	17.06
S	16
W	47.2
Z	11.8
OD1	77
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 138

## 5682



R	6
RD	55.6
ID	17.06
S	16
W	39.3
Z	8.8
OD1	61
H	15.4
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 138

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

## 5683



R	7
RD	57.5
ID	17.06
S	17
W	39.7
Z	9.5
OD1	63
H	17.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 138

## 5684



R	4
RD	55
ID	17.06
S	14
W	40.5
Z	9.1
OD1	60.5
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 138

## 5685



R	6
RD	62.5
ID	17.06
S	14
W	40.4
Z	9.2
OD1	67.5
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 138

## 5686



R	18
RD	62
ID	17.06
S	16
W	51.3
Z	28.3
OD1	66
H	10.9
CW/CCW	Anti-horário

APLICAÇÃO  
Application / Aplicación  
Pg. 138

## 5687



R	6
RD	66.7
ID	17.06
S	16
W	39.4
Z	7.1
OD1	71
H	13.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 139

## 5688



R	6
RD	57.5
ID	17.06
S	17
W	45.6
Z	8.4
OD1	63
H	17.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 139

## 5690



R	6
RD	52
ID	17
S	14
W	38.7
Z	9
OD1	57
H	10.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 139

## 5691



R	6
RD	55.8
ID	17.06
S	16
W	37.8
Z	4.7
OD1	60.8
H	7.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 139

## 5694



R	6
RD	52.4
ID	17.06
S	17
W	38.6
Z	8.4
OD1	57.4
H	18.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 139

## 5695



R	6
RD	58.8
ID	17.06
S	14
W	54.5
Z	27.5
OD1	64
H	11
CW/CCW	Anti-horário

APLICAÇÃO  
Application / Aplicación  
Pg. 140

## 5697



R	6
RD	55.9
ID	17.06
S	16
W	39.5
Z	12.5
OD1	61
H	10
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 140

## 5704



R	6
RD	52.3
ID	17.06
S	14
W	43.2
Z	16.2
OD1	57.5
H	12.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 140

## 5705



R	7
RD	52.5
ID	15.06
S	14
W	41.4
Z	9.1
OD1	58
H	12.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 140

## 5706



R	5
RD	54
ID	17.06
S	14
W	39.3
Z	13.5
OD1	58
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 140

## 5707



R	6
RD	49.7
ID	17.06
S	16
W	32
Z	2.8
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 140

## 5708



R	6
RD	54
ID	17.06
S	14
W	43.6
Z	16.6
OD1	58
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 141

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

### 5709



R	8
RD	48.9
ID	17.06
S	14
W	42.2
Z	9
OD1	54.05
H	12.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 141

### 5710



R	6
RD	57
ID	17.06
S	16
W	46.7
Z	19.7
OD1	60
H	9.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 141

### 5711



R	4
RD	59.3
ID	17.06
S	14
W	36.5
Z	9.2
OD1	64
H	12
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 141

### 5712



R	4
RD	52.1
ID	17.06
S	16
W	41.7
Z	21.8
OD1	56.6
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 141

### 5713



R	7
RD	59.9
ID	17.06
S	16
W	40.2
Z	9
OD1	65
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 141

### 5714



R	6
RD	48.4
ID	17.06
S	16
W	35.4
Z	7.9
OD1	54.05
H	14.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 142

### 5715



R	6
RD	50
ID	17.06
S	16
W	39.9
Z	12.9
OD1	54.05
H	12.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 142

### 5716



R	6
RD	58
ID	17.06
S	16
W	37.8
Z	8.9
OD1	62
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 142

### 5717



R	6
RD	63.6
ID	17.06
S	14
W	42.6
Z	15.9
OD1	67.4
H	12.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 142

### 5718



R	6
RD	60.7
ID	17.06
S	16
W	40.2
Z	13.2
OD1	64.1
H	10
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 142

### 5720



R	6
RD	53.7
ID	17.06
S	17
W	36.2
Z	8.9
OD1	59
H	14.4
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 143

### 5721



R	6
RD	48.9
ID	17.06
S	16
W	35.1
Z	8.85
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 143

### 5722



R	7
RD	55
ID	17.06
S	16
W	39.3
Z	8.9
OD1	59
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 143

### 5724



R	6
RD	53.8
ID	17.06
S	17
W	46.5
Z	19
OD1	59
H	26.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 143

### 5726



R	6
RD	55.7
ID	17.06
S	16
W	42
Z	15
OD1	61
H	11.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 143

### 5727



R	5
RD	54
ID	17.06
S	17
W	42.6
Z	19.1
OD1	58
H	14.4
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 143

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

**5728**



R	6
RD	55.1
ID	17.06
S	17
W	35.5
Z	6.4
OD1	59.1
H	14.4
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 144

**5729**



R	6
RD	52
ID	17.06
S	16
W	32.6
Z	5.6
OD1	57
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 144

**5730**



R	6
RD	54.1
ID	17.06
S	17
W	43.6
Z	16.6
OD1	58
H	14.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 144

**5731**



R	5
RD	58
ID	17.06
S	16
W	36.6
Z	9
OD1	63
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 144

**5732**



R	5
RD	52.5
ID	17.06
S	16
W	33.9
Z	10.4
OD1	57.5
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 144

**5733**



R	6
RD	65.3
ID	17.06
S	14
W	40.6
Z	10.3
OD1	70
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 145

**5735**



R	6
RD	52.5
ID	17.06
S	17
W	41.5
Z	14.5
OD1	56.6
H	17
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 145

**5736**



R	7
RD	59.1
ID	17.06
S	16
W	36.5
Z	5.1
OD1	61
H	11.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 145

**5737**



R	4
RD	55.2
ID	17.06
S	16
W	32.1
Z	12.6
OD1	57.8
H	8.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 145

**5738**



R	8
RD	57.3
ID	17.06
S	16
W	38.1
Z	4
OD1	61.1
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 145

**5739**



R	6
RD	64.6
ID	17.06
S	16
W	36.4
Z	4.9
OD1	70
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 145

**5740**



R	7
RD	59.1
ID	17.06
S	16
W	36.5
Z	5.1
OD1	61
H	11.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 146

**5741**



R	6
RD	56.4
ID	17.06
S	16
W	40.9
Z	9.8
OD1	62.8
H	16.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 146

**5742**



R	6
RD	60
ID	15.06
S	14
W	40.6
Z	8.8
OD1	65
H	11.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 146

**5743**



R	6
RD	55
ID	17.06
S	14
W	40.6
Z	9
OD1	61
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 146

**5745**



R	6
RD	55
ID	15.06
S	14
W	40.6
Z	9
OD1	61
H	11.8
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 146

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	∅ Filetes ∅ Over Ribs ∅ Polea en Ranuras	∅ Rebaixo ∅ Rabbet Inner ∅ Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	∅ Externo 1 ∅ External 1 ∅ Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

**5761**



R	6
RD	65
ID	17.06
S	16
W	39.3
Z	9.8
OD1	70
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 146

**5762**



R	6
RD	58.5
ID	17.06
S	14
W	40.6
Z	9.1
OD1	63.9
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 147

**5763**



R	5
RD	56
ID	17.06
S	16
W	45
Z	18.3
OD1	61
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 147

**5765**



R	6
RD	55.6
ID	17.06
S	16
W	39.3
Z	8.8
OD1	61
H	16
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 147

**5766**



R	6
RD	49
ID	17.06
S	16
W	36.1
Z	10.9
OD1	54.05
H	11.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 147

**5767**



R	7
RD	57.5
ID	17.06
S	14
W	48.6
Z	18
OD1	62.8
H	12.1
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 147

R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	Ø Filetes Ø Over Ribs Ø Polea en Ranuras	Ø Rebaixo Ø Rabbet Inner Ø Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	Ø Externo 1 Ø External 1 Ø Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

### 6001



R	7
RD	52.6
ID	15.03
S	14
W	50.3
Z	8.9
OD1	59.1
H	12.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 148

### 6002



R	7
RD	55
ID	17.03
S	14
W	50.3
Z	9
OD1	61.5
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 148

### 6003



R	6
RD	56.5
ID	17.03
S	16
W	45.3
Z	5.1
OD1	64.5
H	9.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 148

### 6004



R	6
RD	53.1
ID	17.03
S	17
W	48.9
Z	8.4
OD1	57.1
H	17.9
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 148

### 6005



R	7
RD	52.5
ID	17.03
S	14
W	46.4
Z	9.2
OD1	59
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 148

### 6006



R	6
RD	55
ID	17.03
S	14
W	46.4
Z	9.1
OD1	61.6
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 149

### 6007



R	5
RD	56.9
ID	17.03
S	17
W	47.1
Z	18.5
OD1	59.6
H	8.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 149

### 6009



R	6
RD	54.05
ID	17.03
S	16
W	48.9
Z	7.8
OD1	54.05
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 149

### 6010



R	6
RD	57.5
ID	17.03
S	16
W	49.4
Z	9
OD1	63.1
H	11.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 149

### 6011



R	6
RD	54.05
ID	17.03
S	17
W	48.9
Z	7.8
OD1	54.05
H	14.5
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 150

### 6012



R	6
RD	53.8
ID	17.03
S	16
W	46.9
Z	18.5
OD1	60.7
H	7
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 150

### 6013



R	6
RD	57.5
ID	17.03
S	14
W	49.2
Z	8.7
OD1	62
H	12.2
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 150

### 6014



R	6
RD	55.9
ID	17.03
S	16
W	41.6
Z	12.4
OD1	61.1
H	10
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 150

### 6015



R	6
RD	57.5
ID	17.03
S	17
W	51.7
Z	8.5
OD1	62
H	17.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 150

### 6018



R	6
RD	62.5
ID	17.03
S	14
W	50.2
Z	9.2
OD1	67.5
H	12.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 151

### 6026



R	6
RD	66.7
ID	17.03
S	16
W	51.2
Z	7.1
OD1	71.6
H	13.6
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 151



R	RD	ID	S	W	Z	OD1	H	CW/CCW
Nº de Filetes # of Ribs Nº Ranuras	∅ Filetes ∅ Over Ribs ∅ Polea en Ranuras	∅ Rebaixo ∅ Rabbet Inner ∅ Rebaje	Rosca Thread Rosca	Largura Width Ancho	Distância 1º Filete Distance 1st Thread Distancia 1º Hilo	∅ Externo 1 ∅ External 1 ∅ Externo 1	Altura do Rebaixo Rabbet Height Altura de Rebaje	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

6027



R	6
RD	61.2
ID	17.03
S	16
W	48.1
Z	9.8
OD1	66.2
H	15.3
CW/CCW	Horário

APLICAÇÃO  
Application / Aplicación  
Pg. 151

T	G	L	SPL	FAM	CW/CCW
Nº de Dentes # Of Pinon Teeth # De Los Dientes Del Pinón	∅ Externo (mm) Pinon O.D. Piñon - ∅ Externa	Comprimento Total (mm) Length Largo	Nº de Estrias # Of Splines # De Estriás	Família Family Familia	Horário/Anti Horário Clockwise/Counter Clockwise Horario/Antihorario

5600		12623		
	T	-	T	-
	G	-	G	-
	L	-	L	-
	SPL	-	SPL	-
	FAM	-	FAM	-
APLICAÇÃO Application / Aplicación Pg. 152	CW/CCW	-	CW/CCW	-
				
		APLICAÇÃO Application / Aplicación Pg. 152		

5374

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Blazer Motor MWM 2.8 Diesel | Nova S10 2.4 2002... | Nova S10 2.5 2012... | Nova S10 2.8 2012... | S10 Motor MWM 2.8 Diesel 01/2000... | Tracker Motor MWM 2.8 Diesel | Trailblazer 2013... - Mercedes Benz: Sprinter - Nissan: Frontier Motor MWM 2.8T Diesel out/02 | XTerra Motor MWM 2.8T Diesel out/02  
Seat: Cordoba 1.2 10/2002...06/2006 | Ibiza IV 1.2 02/2002...06/2006 - Skoda: Fabia 1.2 07/2001...12/2007 | Fabia Praktik 1.2 07/2001...12/2007 - Troller: Especial/Special  
2.8 Diesel Motor MWM out/02 - Volkswagen: Fox 1.2 abr/05 | Polo 1.2 04/01...10/2001

## ALTERNADOR / Alternator

General Motors/Chevrolet: 13579677 | 13593805 | 84062199 - Lester: 11746 | 20980 - Valeo: 439428 | 2542434 | SG10B017 | 03D903025D | 03D903025E | 03D903025H | 03D903025J

## EQUIVALENTE / Equivalent

Cargo: 234569 - Dayco: ALP2367 - General Motors/Chevrolet: 13582936 | 24582666 | 24585484 | 93297735 - IKA: 335581 - INA: F233593 | F2335931 | F2335932 | F23359303 | F23359304 | F23359305 - Litens: 222562 - Luk: 535006010 - SKF: VKM03111 - Valeo: 493822 | 583516 | 2220306 | 2548207 | 6Y3725552 - Volkswagen: 03D903119A

5375

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: V 230TD 09/1996...07/2003 | Vito 108D 2.3 02/1996...07/2003 | Vito 110D 2.3 ano 02/1996...07/2003 | Vito 110TD 2.3 ano 02/1996...07/2003 - Ssangyong: Rexton RX290

## ALTERNADOR / Alternator

Bosch: 0101540302 | 0101541602 | 0101544902 | 0101547402 | 0101547702 | 0111540502 | 0123320029 | 0123320047 | 0123320062 | 0123510044 | 0123510058 | 0123510075 | 0123510102 | 0123520008 | 0123520010 - Lester: 12676 | 12677 | 13613 | 13779 | 20089 | 22886 | 22900 | 22902

## EQUIVALENTE / Equivalent

Bosch: 1126601549 | 1126601572 | F00M991392 - Cargo: 138807 - Dayco: ALP2326 - IKA: 335871 - INA: F2256431 | F2256434 | F2256435 | F2256436 | F2256437 | F2256438 | F2256439 | F22564310 | F22564311 | F22564312 | F22564313 - Luk: 535000210 | 535007710 - Mercedes Benz: 6041500160 | 6041500560 - SKF: VKM03824 - Valeo: 2655139

5376

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Audi: A4 1.6 (8D2,8D5,B5) (74kW) 11/1994...07/2000 | A4 1.6 (8D2,8D5,B5) (75kW) 07/2000...09/2001 | A4 1.8 (8D2,8D5,B5) (85-92kW) 01/1995...09/2001 | A4 1.8T (8D2,8D5,B5) (110kW) 01/1995...09/2001 | A4 1.8T (8D2,8D5,B5) (132kW) 12/1997...09/2001 | A6 1.8 (4B,C5) (85kW) 05/1997...01/2005 | A6 1.8 (4B,C5) (92kW) 07/1997...01/2005 | A6 1.8, 1.8 Turbo (92-110kW) 08/1995...12/2005 | A6 1.8T (4B,C5) (110kW) 01/1997...01/2005 | A6 1.8T (4B,C5) (132kW) 12/1997...01/2005 - Skoda: Superb 2.0 (3U4) 02/2002...03/2008 - Volkswagen: Passat 1.6, 1.8, 1.8 20V, 1.8T 20V (3B2,3B5) (74-110kW) 10/1996...11/2000 | Passat 1.8T Syncro, 2.0 (3B2,3B5) (110kW) 11/1996...08/2000 | Passat Variant 1.6, 2.0 (3B3,3B6) 11/2000...05/2005

## ALTERNADOR / Alternator

Bosch: 0124515025 - Lester: 11214 - Volkswagen: 06B903016B

## EQUIVALENTE / Equivalent

Audi: 038903119P - Bosch: F00M147722 | F00M991042 | F00M991376 - Cargo: 230304 - Dayco: ALP2332 - Febi: 15260 - Gates: OAP7076 - INA: F22632206 | F22632209 | F22632210 | F22632211 | F22632214 - Luk: 535000810 - Ruville: 55487 - SKF: VKM03113 - Volkswagen: 038903119P

5377

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: 2 T 208D 01/1995...04/2000 | 2 T 210D, 212D 02/1995...04/2000 | 3 T 308D, 310D 02/1995...04/2000 | 3 T 310D 01/1997...08/2002 | 4 T 408D 02/1996...05/2006 | C 200 D, C 200 T D 10/1996...03/2001 | C 250 D 05/1993...05/2000 | C 250 T Turbo D 06/1996...03/2001 | C Klasse, Class | C200 D 03/1993...05/2000 | E 200 D 01/1996...03/2002 | E 220 D 06/1995...03/2002 | E 250 D 06/1995...07/1999 | E 250 T D 06/1996...07/1999 | E 290 Turbo 03/1996...07/1999 | E 290 T Turbo 06/1996...07/1999 | E 300 D 06/1995...06/1997 | E 300 T, E 300 Turbo D 12/1996...07/1999 | E Klasse, Class | G 290 TD 07/1997... | G 300 TD 08/1996... | G Klasse, Class | S 300 Turbo D 05/1996...10/1998 | S Klasse/Class 05/1996...10/1998 | Sprinter

## ALTERNADOR / Alternator

Bosch: 0123320041 | 0123320046 | 0123510038 | 0123510049 | 0123510080 | 0123510101 | 6033GB3030 | 6033GB3031 | 6033GB3040 - Lester: 13811 | 13972 | 22902  
Mercedes Benz: 81549602 | 91543002 | 91544102 | 91545802 | 101500102 | 101540502 | 101540802 | 101544702 | 101544802 | 101545402 | 101549402 | 111540002 | 111540802 | 111542202 | 111545402 - Steyr: 111545402

## EQUIVALENTE / Equivalent

Bosch: 1126601568 | 6033GD5036 | F00M991391 - Cargo: 230305 | 332319 - Dayco: ALP2378 - Febi: 14045 | 15165 - Gates: OAP7072 - INA: F228215 | F2256442 | F2256444 | F2256445 | F2256446 | F2256447 | F22564407 | F22821501 | F22821502 | F22821503 | F22821504 - Luk: 535000310 | 535001310 - Mercedes Benz: 6021500060 | 6041500060 | 6041500360 - SKF: VKM03822 - Valeo: 584983 | 593495 | 2547128

5378

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Audi: A1 1.6, 2.0 2010... | A2 1.4 TDi 2000...2005 | A3 1.6, 1.8, 1.9, 2.0 1996... | A3 1.6TDI mai/09 | A3 1.9TDI 09/2004... | A3 2.0FSI, 2.0T FSI 09/2004... | A3 3.2, 2.0TDI 09/2004... | A3 S3 07/2008... | A4 1.9, 1.9TDI, 2TDI, 2.0TDI nov/04 | A6 2.0 TDi 2004...2011 | Q3 2.0 TDi 2011... | TT 1.8 T, 3.2 VR6 07/2003...06/2006 | TT 1.8 T, Quattro TFSi 2000...2006 | TT 2.0 TDi 06/2008... | TT 2.0 TFSi 10/2006... | TT 2.0, 2.0 TFSi 05/2008... | TT 3.2 V6 10/2006... - Ford: Galaxy 1.9 TDi, 2.8i V6 4x4 1995...2006 - Mitsubishi: Alhambra 1.8 T, 1.9 TDi, 2.0i, 2.8 V6 1996...2010 | Altea 1.6, 1.9, 2.0 TDi, LPG, TFSi 2004...2010 | Arosa 1.4 TDi 2000...2004 | Cordoba 1.4, 1.9 TDi, Sdi 1996...2002 | Exeo 2.0 TDi 2009... | Grandis 2.0 2005... | Ibiza 1.2, 1.4, 1.9, 2.0 1997...2010 | Lancer 2.0 2008... | Lancer Sport Back 2.0 2008... | Leon 1.4, 1.6, 1.8, 1.9, 2.3, 2.8 2002...2006 | Outlander II 2.0 2007... | Toledo II, III 1.6, 1.8, 1.9, 2, 2.3, 2.8, TFSi, TDi 1999...2006 - Skoda: Fabia 1.2, 1.4, 1.6, 1.9 1999...2010 | Octavia 1.6, 1.8, 1.9, 2.0 1996... | Roomster 1.2, 1.4, 1.6, 1.9, TDi 2006...2010 | Superb 1.6, 2.0 TDi 2008...2010 | Yeti 1.6, 2.0 TDi 2009... - Volkswagen: Bora 1.6, 1.8, 1.9, 2, 2.3, 2.8 1998...2005 | Caddy G2, G3 1.6, 1.9, 2.0 1995...2010 | Crafter 2.5 TDi 2006... | Eos 2, 3.2 FSI, TFSi, TDi v6 2006... | Fox 1.4 Tdi (Alt.045903023B, 045903023, 038903018R) 04/2005... | Golf G3 1.6, 1.8, 1.9, 2, 2.3, 2.8 1997...2005 | Golf G5 1.9, 2.0 TDi 2007... | Golf G6 1.6, 2.0 TDi 2009... | Golf Plus 1.6, 2, 1.9 2005... | Jetta III, V 1.4, 1.6, 2.0 2005...2010 | Lupo 1.2, 1.4 1999...2005 | Multivan 1.9, 3.2 2003...2009 | New Beattle 1.4, 1.6, 1.8, 1.9, 2, 2.3 2000... | Passat 1.6, 1.9, 2, 3.2 TDi, FSi 2005... | Polo 1.2, 1.4, 1.6, 1.7, 1.9 D, TDi, SDi 1997... | Rabbit V 1.6, 1.9, 2, 3.2 2004... | Scirocco 1.8, 2.0 2008... | Sharam 1.8, 1.9, 2, 2.8 1997...2011 | Tiguan 2.0 TDi 2007... | Touran 1.6, 1.9, 2.0 TDi 2003...2011 | Transporter 1.9, 2, 3.2 2003...2009

## ALTERNADOR / Alternator

Bosch: 028903030 | 045903023 | 021903026A | 021903026G | 021903026L | 022903028A | 022903028B | 028903026H | 028903028C | 028903028D | 028903028E | 028903030A | 036903024A | 038903018Q | 038903023J | 038903023K | 038903023L | 038903023Q | 038903023R | 038903023S | 038903024B | 038903024D | 038903024F | 038903024G | 03P903023E | 045903023A | 045903023B | 06F903023F | 06F903023J | 038903018QX | 038903024F3 - Hitachi: 028903029G - Lester: 11134 | 11221 | 11257 | 11360 | 11388 | 11586 | 11703 | 11721 | 12780 | 13849 | 13851 | 13853 | 13942 | 20014 | 20330 | 20444 | 20904 | 23355 | 23358 | 23827 | 24090  
Valeo: 03L903023 | 038903023S | 038903024G | 03C903025D | 03G903016A | 03L903023A | 03L903023E | 03L903023F | 03P903023D | 03P903023E | 06F903023C | 06F903023D | 06F903023E | 06F903023F | 06F903023H

## EQUIVALENTE / Equivalent

Cargo: 230293 | 332317 - Dayco: ALP2335 - Febi: 15262 - Gates: OAP7013 - INA: F227628 | F553470 | F22762804 | F22762805 | F22762806 | F22762807 | F22762810 | F22762811 | F22762812 | F55347001 | F55347002 | F55347004 | F55347005 | F55347006 | F55347007 | F55347008 - Luk: 535001210 - SKF: VKM03100  
Valeo: 593600 | 593999 | 2546778 | 2602911 | 2604504

5379

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 156, 156 Sportwagon (932) 1.9 JTD (932B2B) 10/2000...05/2001 - Fiat: Brava (182) 1.9 TD 100 S, 1.9 JTD (182.AF,BF) 03/1996...2010/01 | Bravo I (182) 1.9 TD 100 S, 1.9 JTD (182.AF,BF) 03/1996...2010/01 | Doblo (119) 1.9 JTD (223AXE1A) out/01 | Doblo Cargo (223) 1.9 JTD (223AXE1A) out/01 | Marea 1.9 TD 100, JTD 110 set/96 | Marea Weekend (185) 1.9 TD 100, JTD 110 set/96 - Lancia: Lybra 1.9 JTD (839AXI1A) 09/2000...05/2001 | Lybra SW (839AX) 1.9 JTD (839AXI1A) 09/2000...05/2001

## ALTERNADOR / Alternator

Alfa Romeo: 60816045 - Fiat: 46782218 | 63321315 | 63321859 - Lester: 20423 | 21244 | 22596 | 23104 | 23105 | 24085 - Magneti Marelli: 46765838

## EQUIVALENTE / Equivalent

Alfa Romeo: 9951162 - Cargo: 230313 | 332297 - Dayco: ALP2343 - Febi: 15090 - Fiat: 9948225 - Gates: OAP7048 - IKA: 335401 - INA: F23086604 | F23086605 | F23086607 | F23086610 | F23086611 - Luk: 535002310 - SKF: VKM03200

5380

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Audi: A4 1.6 (8D2,8D5,B5) (74kW) 01/1995...07/2000 | A4 1.6 (8D2,8D5,B5) (75kW) 07/2000...09/2001 | A4 1.6 Avant (8D2,8D5,B5) (74kW) 03/1996...07/2000 | A4 1.8, 1.8T (8D2,8D5,B5) (85-92k/110W) 01/1995...09/2001 | A4 1.8T (8D2,8D5,B5) (132W) 12/1997...09/2001 | A4 1.9 DUO (8D2,8D5,B5) (66W) 03/1998...09/2001 | A4 1.9 TDI (8D2,8D5,B5) (55W) (Alt. 90/120A) 12/1995...09/2001 | A4 1.9 TDI (8D2,8D5,B5) (66W) 01/1995...09/2001 | A4 1.9 TDI (8D2,8D5,B5) (81W) 10/1995...09/2001 | A4 1.9 TDI (8D2,8D5,B5) (85W) 03/2000...09/2001 | A4 1.9 TDI (8E2,8E5,B6) (74W) 05/2001...12/2004 | A4 1.9 TDI (8E2,8E5,B6) (85W) 05/2001...12/2004 | A4 1.9 TDI (8E2,8E5,B6) (96W) 09/2001...12/2004 | A4 1.9 TDI (8EC,8ED) (85W) 11/2004... | A6 (4B,C5) 1.8 T 01/1997...01/2005 | A6 (4B,C5) 1.9 TDI (81kW) 04/1997...04/2001 | A6 (4B,C5) 1.9 TDI (85kW) 07/2000...01/2005 | A6 (4B,C5) 1.9 TDI (96kW) 08/2001...01/2005 - Seat: Arosa 1.7 SDI (44kW) 08/1997...06/2004 | Arosa 1.4 (55kW) 05/1997...06/2004 | Cordoba (6K2/C2) 1.6i, 1.8i, 2.0i 02/1993...06/1999 | Cordoba (6K2/C2) 1.9 SDI, 1.9 TDI, 2.0 i 16V 08/1996...08/1999 | Cordoba (6K5) 1.9 SDI, 1.9 TDI 06/1999...12/2002 | Ibiza Mk II (6K1) 1.6i, 1.8i, 2.0i 03/1993...08/1999 | Ibiza Mk II (6K1) 1.9 SDI, 1.9 TDI, 2.0 i 16V 08/1996...08/1999 | Ibiza Mk III (6K1) 1.9 SDI, 1.9 TDI 08/1999...02/2002 | Ibiza Mk IV (6K1) 1.4 16V, 1.9 TDI 02/2002...11/2009 | Ibiza Mk IV (6K1) 1.9 SDI 02/2002...12/2005 | Inca (6K9) 1.7 D 06/1996...06/2003 | Inca (6K9) 1.9 SDI 11/1995...06/2003 | Leon (1M1) 1.6, 1.8 20V, 1.9 TDI, 1.9 SDI, 1.8 20V T, 1.8 20V T 4 11/2009...06/2006 | Leon (1M1) 2.8 Cupra 4 02/2001...06/2006 | Toledo (1L) 1.9 TDI 08/1995...03/1999 | Toledo Mk II (1M2) 1.8 20V, 1.9 TDI 04/1999...05/2006 | Toledo Mk II (1M2) 2.3 V5 04/1999...05/2001 | Toledo Mk II (1M2) 2.3 V5 20V 05/2001...05/2006 - Skoda: Superb (3U4) 1.8 T, 2.0 02/2002...03/2008 | Superb (3U4) 1.9 TDI (74-77kW) 08/2002...05/2007 | Superb (3U4) 1.9 TDI (85kW) 01/2007...03/2008 | Superb (3U4) 1.9 TDI, 2.0 TDI (1996...2010) 03/2008 | Volkswagen: Golf (1E7) Mk III 1.6 10/1994...05/1998 | Golf (1E7) Mk III 1.8, 2.0 03/1997...05/1998 | Golf (1E7) Mk III 1.9 TDI 08/1995...05/1998 | Golf (1H1) Mk III 1.4, 1.8, 1.9 D, 1.9 TD, GTD, 2.0 11/1991...08/1997 | Golf (1H1) Mk III 1.6 07/1995...08/1997 | Golf (1H1) Mk III 1.6 09/1992...08/1997 | Golf (1H1) Mk III 1.9 SDI (47kW) 07/1995...08/1998 | Golf (1H1) Mk III 1.9 TDI (66kW) 09/1991...08/1997 | Golf (1H1) Mk III 1.9 TDI (81kW) 04/1996...08/1997 | Golf (1H1) Mk III 2.0 GL 07/1995...08/1998 | Golf (1H1) Mk III 2.0 GTI 16V 08/1992...08/1997 | Golf (1H1) Mk III 2.9 VR6 Syncro (1HX1) 10/1994...08/1997 | Golf (1H5) Mk III 1.4, 1.8, 1.9 D, 1.9 TD, 2.0 07/1993...04/1999 | Golf (1H5) Mk III 1.6 07/1994...04/1999 | Golf (1H5) Mk III 1.9 SDI (81kW) 07/1995...04/1999 | Golf (1H5) Mk III 1.9 TDI (66kW) 03/1994...04/1999 | Golf (1H5) Mk III 1.9 TDI (81kW) 04/1996...04/1999 | Golf (1J1) Mk IV 1.4 16V, 1.8, 1.8T, 1.9 SDI 08/1997...06/2005 | Golf (1J1) Mk IV 1.6 08/1997...02/2002 | Golf (1J1) Mk IV 1.8 4motion 05/1998...06/2005 | Golf (1J1) Mk IV 1.9 TDI (81kW) 08/1997...05/2004 | Golf (1J1) Mk IV 1.9 TDI 4motion (66kW) 07/1998...04/2002 | Golf (1J1) Mk IV 1.9 TDI, 1.9 TDI 4motion (74kW) 08/1997...05/2005 | Golf (1J1) Mk IV 1.9 TDI, 1.9 TDI 4motion (96kW) 11/2000...06/2005 | Golf (1J1) Mk IV 2.0 07/1998...06/2005 | Golf (1J1) Mk IV 2.0 4motion, 2.3 V5, 2.3 V5 4 motion 10/2000...06/2005 | Golf (1J1) Mk IV 2.3 V5 09/2000...06/2005 | Golf (1J1) Mk IV 2.3 V5 4motion 12/1998...10/2000 | Golf (1J1) Mk IV 2.8 V6 4motion 03/1999...06/2005 | Golf (1J1) Mk IV 3.2 R32 4motion 09/2002...06/2005 | Passat (3B2,3B5) 1.6, 1.8, 1.8 20V, 1.9 TDI 10/1996...11/2000 | Passat (3B2,3B5) 1.8, 1.8 20V, 1.9 TDI (66-92kW) 06/1997...11/2000 | Passat (3B2,3B5) 1.9 TDI (74kW) 02/2000...11/2000 | Passat (3B2,3B5) 1.9 TDI (85kW) 08/1998...11/2000 | Passat (3B3,3B6) 1.6, 1.9 TDI, 2.0 (75kW) 11/2000...05/2005 | Passat 1.8, 1.8 Lingyu, 2.0 Lingyu 04/2000...07/2005 | Passat Lingyu 1.8 T, 2.0 04/2006...03/2009 | Polo (6N2) 1, 1.7 SDI, 1.9 D, 1.9 SDI 10/1999...09/2001 | Polo (6N2) 1.4 Tdi 01/2000...10/2000 | Polo (6NF) 1.4 05/1998...12/1999 | Polo (9N) 1.4 16V (59kW) 10/2001...05/2009 | Polo (9N) 1.4 16V (75-101kW) 10/2001...05/2008 | Polo (9N) 1.9 TDI (96kW) 11/2003... | Polo (9N) 1.9 TDI, 1.9 SDI (74kW) 10/2001... | Sharan (7M8,7M9,7M6) 1.9 TDI 09/1995...03/2010 | Sharan (7M8,7M9,7M6) 1.9 TDI, 1.9 TDI 4motion, 2.8 VR6, 2.8 V6 24V 4motion 04/2000...03/2010 | Sharan (7M8,7M9,7M6) 1.9 TDI, 2.0 09/1995...03/2010 | Sharan (7M8,7M9,7M6) 2.0 09/1995...03/2010 | Sharan (7M8,7M9,7M6) 2.0 TDI 05/2011...03/2010 | Sharan (7M8,7M9,7M6) 2.8 VR6 09/1995...04/2000

## ALTERNADOR / Alternator

Bosch: 0124325018 | 0124325049 | 0124515026 | 0124515083 | 0124525010 | 0124525089 | 0124615021 - Ford: 95VW10300ABA - Lester: 11207 | 11208 | 11209 | 11210 | 11212 | 23320 | 23323 - Valeo: 2542234A | SG12B010 | SG12B012 - Volkswagen: 28903031 | 028903027T | 028903029A | 028903029B | 028903029D | 028903029E | 028903029N | 028903029Q | 028903029R | 028903029S | 028903029T | 028903031A | 06B903016E | 06B903016AD

## EQUIVALENTE / Equivalent

Bosch: F00M147724 | F00M991043 | F00M991045 | F00M991378 - Cargo: 230302 | 332295 - Dayco: ALP2329 - Febi: 15254 - Gates: OAP7033 - IKA: 335411 - INA: F552699 | F22565306 | F22565307 | F22565310 | F22565311 | F55269901 | F55269902 | F55269903 - Luk: 535000510 - SKF: VKM03107 - Valeo: 2574439  
Volkswagen: 038903119 | 022903119B | 022903119D | 038903119J | 038903119M | 0289033119AC

5381

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Ford: Galaxy 1.9 TDI - Seat: Alhambra 1.9 TDI, 2.0i | Cordoba 1.9 SDI, TDI | Cordoba Varioro 1.9SDI, TDI | Felicia I 1.6 | Felicia II 1.6 GLX, 1.6 LX, 1.6 | Ibiza II 1.9 SDI, TDI | Inca 1.7 D, SDI | Toledo I 1.9 TDI - Volkswagen: Caddy II Box 1.9 SDI, TDI | Golf III 1.9 D, TD, GTD, TDI, TDI Syncro | Golf III Cabriolet 1.9 TDI | Golf III Variant 1.9 D, TD, TDI | Golf IV Cabriolet 1.9 TDI | Passat 1.6, 1.8, 1.9 TDI, TD, 2, 2.0 16v | Passat Variant 1.6, 1.8, 1.9 TDI, TD, 2, 2.0 16v | Polo Classic 110 1.9 TDI, 57 1.7 SDI, 64 1.9 SDI, 90 1.9TDI | Sharan 1.9TDI, 2.0 | Transporter IV 2.2 4 D | Vento 1.9 D, TD, TDI

## ALTERNADOR / Alternator

Bosch: 0120468080 | 0120468119 | 0120468120 | 0120469020 | 0120469021 | 0120469931 | 0120469932 | 0123310001 | 0123310019 | 0123310035 | 0123310049 | 0123320007 | 0123320027 | 0123320038 | 0123340003 | 0123515017 | 0123515020 | 0124325101 | 0126601565 | 0986036790 | 0986038370 | 0986039090 | 0986039450 | 0986040950 | 0986041300 | 0986048950 - Cargo: 111828 - Dixie: A6389 - Lester: 21392 | 23770 | 23771 - Pic: 220275D - TRW: LRB389 - Unipoint: ALT2084  
Volkswagen: 028903018A | 028903018X | 028903025J | 028903025Q | 028903026A | 028903026B | 028903026G | 028903028J | 028903028P | 6K0903028 | 074903023C | 074903025A | 074903025B | 074903025C | 074903025D | 028903018AX - Wilson: 90156329 - Woodauto: ALT10211

## EQUIVALENTE / Equivalent

Bosch: 1126601565 | 1127011846 | F00M991389 - Cargo: 139281 | 332292 - Dayco: ALP2325 - Febi: 11701 - Gates: OAP7040 - IKA: 335171 - INA: F225355 | F2253554 | F2253555 | F2253556 | F2253557 | F22535510 | F22535511 - Luk: 535000110 - SKF: VKM03106 - Volkswagen: 028903119P | 028903165B | 028903119AA | 028903119AQ

5382

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Audi: A4 1.9 DUO 03/1998...09/2001 | A4 1.9 TDI (66kW) 01/1995...09/2001 | A4 1.9 TDI (81kW) 10/1995...09/2001 | A4 1.9 TDI (85kW) 03/2000...09/2001 | A4 1.9 TDI (8D2,8D5,B5) (55kW) (Alt. 70A) 12/1995...09/2001 | A6 1.9 TDI 04/1997...04/2001 - Skoda: Felicia 1.9D (6U1,6U5) 10/1995...03/1998 | Felicia 1.9D (797) 06/1997... | Felicia 1.9D Mk II (6U1,6U5) 01/1998...06/2001 - Volkswagen: Golf 1.9 TDI, 1.9 TDI 4 motion 11/2000...06/2005 | Passat 1.9 TDI 10/1996...11/2000 | Passat Variant 1.9 TDI 05/1997...11/2000 | Polo 64 1.9 D ano 10/1994...10/1999

## ALTERNADOR / Alternator

Bosch: 0123320055 | 0123515003 - Lester: 13833 | 21429 | 21430 | 22866 - Volkswagen: 28903028 | 028903027Q | 028903027S | 028903028F

## EQUIVALENTE / Equivalent

Bosch: 1126601534 | 1126601566 | 1127011847 | F00M991390 - Dayco: ALP2328 - Febi: 15252 - Gates: OAP7041 - INA: F2256533 | F2256534 | F2256535 | F2256539 | F22565308 | F22565312 | F22565313 - Luk: 535000410 - SKF: VKM03102 - Volkswagen: 028903165 | 028903119T | 028903119AN

5383

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Audi: A3 1.6 (74kW) 09/1996...08/2000 | A3 1.6 (75kW) 08/2000... | A3 1.8 (92kW) 09/1996... | A3 1.8 T, 1.8 T quattro (110kW) 12/1996... | A3 1.9 TDI (66kW) 09/1996...07.01 | A3 1.9 TDI (81kW) 08/1997...07/2001 - Seat: Alhambra 1.8T 20V 10/1997...03/2010 | Arosa 1.7 SDI (44kW) 08/1997...06/2004 | Arosa 1.4 (55kW) 05/1997...06/2004 | Cordoba 1.4 i 16V, 1.9 SDI, 1.9 TDI 08/1996...06/1999 | Ibiza Mk II 1.4i 09/1993...08/1999 | Ibiza Mk II 1.6i, 1.8i, 2.0i 03/1993...08/1999 | Ibiza Mk II 1.9 TDI, 2.0 i 16V 06/1996...08/1999 | Inca 1.4i, 1.9 D, 1.9 SDI 11/1995...06/2003 - Skoda: Felicia 1.9 D (6U1,6U5) 10/1995...03/1998 | Felicia Mk II 1.9 D (6U1,6U5) 01/1998...06/2001 | Octavia 1.9 SDI (50kW) 06/1997... | Octavia 1.9 TDI (66kW) 09/1996... | Octavia 1.9 TDI (81kW) 08/1997... | Octavia Kombi 1.9 SDI, 1.9 TDI 07/1998... - Volkswagen: Golf IV 1.9 SDI, 2.3 V5 08/1997...06/2006 | Golf IV 1.9 TDI (66kW) 10/1997...05/2006 | Golf IV 1.9 TDI (81kW) 08/1997...05/2004 | New Beetle 1.9 TDI 01/1998...06/2004 | Sharan 1.8 T 20V 09/1997...

## ALTERNADOR / Alternator

Beck Arnley: 1861037 | 1861038 | 1861051 - Bosch: 0123310035 | 0123320032 | 0123320059 | 0123510047 | 0123510099 | 0123515018 | 0123515021 | 0986040860 | 0986041000 | 0986041010 | 0986046010 - Cargo: 112543 - Dixie: A6282 | A6283 | A6285 | A6389 - Ford: 98VW10300AA | 98VW10300BA - Lester: 13622 | 13831 | 13832 | 21391 | 22707 | 22892 | 23770 - Reliance: 13831 | 31260 - Romaine: 3613832 - TRW: LRB385 | LRB390 | LRB391 - Volkswagen: 71903023 | 028903018B | 038903023G | 038903023H | 038903023J | 071903023A - Wilson: 90156325 | 90156326 | 90156329 - Woodauto: ALT10166 - Worldwide: 12032 | 12049

## EQUIVALENTE / Equivalent

Bosch: 1126601559 | 1127011844 | F00M991388 - Cargo: 138203 - Dayco: ALP2234 - Febi: 14064 - Gates: OAP7047 - IAT: 25141 - IKA: 335161 - INA: F226804 | F22680404 | F22680405 | F22680407 | F22680408 | F22680409 - Luk: 535001010 - SKF: VKM03101 - SWS: 1335160 - Volkswagen: 038903119 | 038903165  
Woodauto: EC4068

5384

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Seat: Arosa 1.7 SDI - Skoda: Felicia I 1.9 D 10/1995... | Felicia II 1.9 D 01/1998...06/2001 | Kombi 1.9 D | Pick Up 1.9 D - Volkswagen: Caddy 1.9 D 06/1996...12/2000 | Lupo 1.7SDI | Polo 1.7SDI, 1.7SDI, 1.7 SDI 60, 1.9D, 1.9D 64, 1.9SDI, 1.9SDI 64 | Polo Box 1.7SDI 60, 1.9 SDI, 1.9D 64

## ALTERNADOR / Alternator

Bosch: 0123310038 | 0123320033 | 0123320036 | 0123320048 | 0123325006 | 0986040320 | 0986040880 | 0986040930 - Lester: 21483 | 21484 | 22708 | 22785  
Volkswagen: 028903026A | 028903026B | 028903028L | 028903028P

## EQUIVALENTE / Equivalent

Bosch: 1126601557 | 1127011843 | F00M991397 - Cargo: 138282 | 332290 - Dayco: ALP2333 - Gates: OAP7067 - IKA: 335151 - INA: F22655604 | F22655605 | F22655606 | F22655607 | F22655610 - Luk: 535000910 - SKF: VKM03109 - Volkswagen: 028903119S | 028903119AP - Woodauto: EC4067

5385

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Audi: A3 Sportback (8PA) RS3 quattro jan/11 | Q3 (8U) RS 2.5 quattro out/03 | TT (8J3) 2.5 TFSI RS quattro jul/09 | TT (8J3) 2.5 TFSI RS quattro mai/11 | TT Roadster (8J9) 2.5 TFSI RS quattro jul/09 | TT Roadster (8J9) 2.5 TFSI RS quattro mar/12 - Seat: Arosa 1.7 DI 08/1997...06/2004 - Volkswagen: Jetta III (1K2) 2.5 FSI 01/2006...10/2010 | Jetta IV (162) 2.5 FSI abr/10 | Lupo 1.7 SDI 09/1998...07/2005 | Polo (6N1/F) 1.7 SDI, 1.7 SDI 60 08/1997...12/1999 | Polo (6N1/F) 1.9 D, 1.9 D 64 08/1997...12/2010 | Polo (6N1/F) 1.9 SDI, 1.9 SDI 64 07/1996...12/1999 | Polo (6N2) 1.7 SDI, 1.9 D, 1.9 SDI 10/1999...09/2001

## ALTERNADOR / Alternator

Bosch: 0124315006 | 0124315012 | 0124325014 | 0124325021 | 0124525102 | 0124525215 | F00M147808 | F00M991218 | F00M991285 - Lester: 11460 | 23173  
Volkswagen: 38903025 | 038903023P | 038903023T | 038903025A

## EQUIVALENTE / Equivalent

Audi: 07K903023F - Bosch: F00M991039 | F00M991375 - Dayco: ALP2340 - Febi: 15264 - Gates: OAP7102 - IKA: 335481 - INA: F230147 | F240138 | F551357 | F2401381 | F23014701 | F23014702 | F23014703 | F23014704 | F23014705 | F24013801 | F24013802 | F24013803 | F55135701 - Lester: 11254 - Luk: 535001810 | 535009610 - Ruville: 59976 - SKF: VKM03103 - Volkswagen: 07K903119 | 038903119Q | 07K903023A | 07K903119A

5387

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Audi: A6 (4B,C5) 1.8 07/1997...01/2005 | A6 (4B,C5) 1.8 T 01/1997...01/2005

## ALTERNADOR / Alternator

Bosch: 0123510045 - Lester: 23237 - Volkswagen: 058903016D

## EQUIVALENTE / Equivalent

Bosch: 1126601567 | 1127011848 | F00M992711 - Cargo: 237600 - Dayco: ALP2331 - Febi: 15258 - Gates: OAP7096 - IKA: 335211 - INA: F2263224 | F2263225 | F2263227 | F2263228 | F22632204 | F22632205 | F22632207 | F22632212 - Luk: 535000710 - SKF: VKM03120 - Volkswagen: 058903165 | 058903119C

5388

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Fiat: 120 Multijet, 130 Multijet 2.3 D 01/2007... | Ducato 2.3 JTD 04/2002... - Volkswagen: New Beetle 2.3 V5 | Passat 2.3 V5 4motion, 2.3 VR5 Syncro/4 motion | Passat 2.3 V5, 2.3 VR5 10/1996...11/2000 | Variant 2.3 V5 4motion, 2.3 VR5 Syncro/4motion

## ALTERNADOR / Alternator

Bosch: 0124325020 | 0124515024 | 0124525020 | 0986046210 | F00M147723 | F00M991044 | F00M991377 - Fiat: 71723401 | 504009978 - Lester: 13921 | 22873 | 23243 | 23244 - Volkswagen: 071903016C | 071903016D

## EQUIVALENTE / Equivalent

Bosch: F00M147723 | F00M991044 | F00M991377 - Cargo: 230306 | 230312 - Dayco: ALP2342 - Febi: 15274 - Fiat: 9949580 - Gates: OAP7061 - IKA: 335271  
INA: F230846 | F23084601 | F23084602 | F23084603 | F23084604 | F23084605 - Luk: 535002210 - Volkswagen: 038903119L - Woodauto: EC4074

5389

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Mitsubishi: Carisma 1.9 DI-D 09/2000...06/2006 | Space Star 1.9 DI-D 02/2001... - Renault: Clio 1.9 dTi 12/1999...05/2005 | Espace III 1.9 dTi 02/1999...10/2002 | F9Q Engine series 1.9D | Kangoo 1.9 dCi, 1.9 dTi 02/2000... | Laguna 1.9 dTi 10/1997...03/2001 | Megane I 1.9 dCi, 1.9 dTi 03/1997... | Megane Scenic 1.9 dTi 04/1997...09/1999 | Scenic 1.9 dCi, 1.9 dCi RX4, 1.9 dTi 09/1999...08/2003 - Volvo: S40 I 1.9 DI, 1.9 TD | V40 1.9 DI, 1.9 TD

## ALTERNADOR / Alternator

Citroën: 8602556 - Lester: 20506 | 20507 | 20510 | 22774 | 23292 | 23293 - Lucas Indiel: LRB507 | LRB00507 - Renault: 8200054588 | 8200121413 | 8200159642  
Valeo: 437322 | 2542466A | 2542466B | 2542466D | A13VI171 | A13VI289 | A13VI292 | A13VI297 | SG10B019 | SG10B032 | SG10B064 | SG12B019 - Volvo: 8251635 | 8251637 | 8251638 | 8251640 | 8251641 | 8251644 | 8251645 | 8251646 | 8251647 | 8251648 | 8602185 | 8602186 | 8602806

## EQUIVALENTE / Equivalent

Cargo: 230522 - Dayco: ALP2345 - Febi: 24179 - Gates: OAP7043 - IKA: 335461 - INA: F556599 | F22888102 | F22888103 | F55659901 - Luk: 535002810  
Renault: 7701055871 | 7701207807 | 7701477502 | 8200613765 - SKF: VKM03600 - Valeo: 593515 | 593517 | 2546952 | 2604093 - Volvo: 3345812 | 8641982 | 31251071 - Woodauto: EC4234

5390

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 71

## APLICAÇÃO / Application / Aplicación

Chrysler: Voyager 2.5TD - Volvo: 2 2.0 20V, 2.0 Turbo, 2.3 Turbo 01/1997...03/2000 | C70 I 2.0 20V, 2.0 T, 2.3 T5, 2.5 T 03/1997...10/2005 | Especial/Special 2.0 20V, 2.0 20V Turbo, 2.3 Turbo, 2.4 20V, 2.4 20V Turbo 01/1997...11/2000 | Especial/Special 2.0 Turbo (LS), 2.0 Turbo (LW) 02/1993...12/1996 | Especial/Special 2.0 Turbo (LS), 2.0 Turbo (LW) 09/1993...10/1997 | Especial/Special 2.3 04/1999...09/2000 | Especial/Special 2.3 10/2000...09/2004 | Especial/Special 2.3 12/1998...02/2000 | Especial/Special 2.3 (LS), 2.3 (LW) 01/1996...10/1996 | Especial/Special 2.3 20V T-5, 2.3 T5 GLT 11/1996...11/2000 | Especial/Special 2.3 T5 03/2000... | Especial/Special 2.3 T5 (LS), 2.3 T5 (LW) 02/1993...12/1996 | Especial/Special 2.3 T5 R 11/1996...09/1998 | Especial/Special 2.3 T5 R (LS), 2.3 T5 R (LW) 04/1996...10/1996 | Especial/Special 2.3 T5 Sport 07/1997...09/2000 | Especial/Special 2.3 T5-R (LS), 2.3 T5-R (LW) 08/1995...12/1996 | Especial/Special 2.3 Turbo R (LS), 2.3 Turbo R (LW) 06/1995...10/1997 | Especial/Special 2.4 11/1996...05/1999 | Especial/Special 2.4 Bifuel 10/1998...11/2000 | Especial/Special 2.4 GLE (LS), 2.4 GLE (LW), 2.5 (LW) 09/1993...10/1997 | Especial/Special 2.4 T5 Sport 11/1996...04/1999 | Especial/Special 2.4 Turbo, 2.5 Turbo 01/1997...05/2000 | Especial/Special 2.5 Bifuel 10/1998...08/1999 | S70 | V70 I | V70 II

## ALTERNADOR / Alternator

Bosch: 0123510109 | F00M061016 - Cargo: 112420 - Lester: 23014 - Volvo: 9442827

## EQUIVALENTE / Equivalent

Bosch: F00M061016 | F00M992717 - Cargo: 230519 - Dayco: ALP2373 - Gates: OAP7075 - IKA: 335251 - INA: F22707904 | F22707905 | F22707906 - Luk: 535002610 - SKF: VKM03650 - Woodauto: EC4225 - Yale: 9404328

5392

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Volkswagen: Passat 2.3 VR5, 2.3 VR5 Syncro/4motion 10/1996...11/2000 | Passat Variant 2.3 VR5, 2.3 VR5 Syncro/4motion 06/1997...11/2000

5392

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## ALTERNADOR / Alternator

Bosch: 0123320054 | 0123510091 | 0124325020 | 0124515024 - Lester: 13921 | 22873 | 23243 | 23244 - Volkswagen: 071903016D | 071903016G | 071903016H

## EQUIVALENTE / Equivalent

Bosch: 1126601593 | 1127011857 | F00M147723 - Cargo: 230306 - Dayco: ALP2336 - Febi: 15184 - Gates: OAP7061 - INA: F228618 | F2286184 | F2286185 | F22861807 - Luk: 535001410 - SKF: VKM03119 - Volkswagen: 071903165 | 071903119B - Woodauto: EC4080

5393

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: C Class (W202) - C 200 CDI (202.134) 03/1998...05/2000 | C Class (W202) - C 220 CDI (202.133) 09/1997...05/2000 | C Class T Model (S204) - C 220 CDI 01/2009... | C ClassKombi (S202) - C 220 T CDI (202.193) 09/1997...03/2001 | E Class (W210) - E 200 CDI (210.007) 06/1998...03/2002 | E Class (W210) - E 220 CDI (210.006) 06/1998...07/1999 | E Class Kombi (S210) - E 220 T CDI (210.206) 06/1998...03/2003 | Sprinter 2T Autocarro (901, 902) - 208, 211, 213, 216 CDI 04/2000...05/2006 | Sprinter 2T Caminhão de plataforma chassis 04/2000...05/2006 | Sprinter 3T Autocarro (903) - 311, 313, 316 CDI 04/2000...05/2006 | Sprinter 3T Autocarro (903) - 311, 313, 316 CDI 4x4 08/2002...05/2006 | Sprinter 3T Caixa (903) - 308, 311, 313, 316 CDI 04/2000...05/2006 | Sprinter 3T Caixa (903) - 311,313, 316 CDI 4x4 08/2002...05/2006 | Sprinter 3T Caminhão de plataforma chassis 04/2000...05/2006 | Sprinter 4T Autocarro (904) - 408, 411, 413, 416 CDI 04/2000...05/2006 | Sprinter 4T Caixa (904) - 408, 411, 413, 416 04/2000...05/2006 | Sprinter 4T Caixa (904) - 411, 413, 416 CDI 4x4 04/2000...05/2006 | Sprinter 4T Caminhão de plataforma chassis 04/2000...05/2006 | V Class (638/2) - V200 CDI, V220 CDI (Alt. A0101549502,A0101549602,A0111547002) 03/1999...07/2003 | Vito (638) - 112 CDI 2.2 (Alt. A0101549502,A0101549602,A0111547002) 03/1999...07/2003 | Vito Autocarro (638) - 112 CDI 2.2 1999...2003 | Vito Autocarro, Caixa (638) - 108, 110 CDI 2.2 (638.194) 03/1999...07/2003

## ALTERNADOR / Alternator

Bosch: 0123320051 | 0123320065 | 0123510082 | 0123510107 | 0123510108 | 0123520023 | 0124325105 | A0101549502 | A0101549602 | A0111547002 - Lester: 12383 | 12424 | 22879 | 23020 - Mercedes Benz: 101545902 | 101549502 | 101549602 | 111540602 | 111540902 | 111547002 | 111547802 | 121542202 | 131543602

## EQUIVALENTE / Equivalent

Bosch: 1126601597 | F00M061023 | F00M991304 - Cargo: 230292 | 332293 - Dayco: ALP2337 - Febi: 15154 - Gates: OAP7060 - IKA: 335291 - INA: F2288241 | F2288244 | F2288246 | F2288247 | F2288249 | F22882401 | F22882404 | F22882406 | F22882407 | F22882409 | F22882410 | F22882411 | F22882412 - Luk: 535001510  
Mercedes Benz: 6111500160 | 6111550215 | 6111550615 - SKF: VKM03821 - Woodauto: EC4077

5395

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Chrysler: PT Cruiser (PT) - 2.2 CRD 03/2002... - Jeep: Grand Cherokee II (WJ, WG) - 2.7 CRD 4x4, 2.7 CRD Laredo 10/2004...09/2005 - Mercedes Benz: C Class (W202) - C 200 CDI (202.134), C 220 CDI (202.133) 09/1997...05/2000 | C Class (W203) - C 30 CDI AMG (203.018) 2003... | C Class Kombi (S202) - C 200 T CDI (202.194), C 220 T CDI (202.193) 09/1997...03/2001 | C Class T Model (S203) - C 30 CDI AMG 2003...2007 | C Class T Model (S204) - C 220 CDI 01/2009... | C Class Coupé (CL203) - C 30 CDI AMG | E Class (W210) - E 270 CDI (210/20016), Kombi(S210) - E 270 T CDI (210.216) 07/1999...03/2002 | Sprinter 2T Autocarro (901, 902) - 208, 211, 213 CDI 2000...2006 | Sprinter 2T Autocarro, T Caixa, Caminhão plataforma (901, 902) - 213 CDI 04/2000...05/2006 | Sprinter 2T Caixa, Autocarro (901, 902) - 208, 211,213, 216 CDI 2000...2006 | Sprinter 3,5T Caixa, Caminhão plataforma (906) - 313, 315, 316, 4x4 CDI 06/2006... | Sprinter 3T Autocarro, Caixa (906) - 224, 309, 324, 315 CDI, 4x4 06/2006... | Sprinter 3T Autocarro, Caixa, Caminhão plataforma (906) - 209, 210,213, 215, 216, 310 CDI 03/2009... | Sprinter 3T Autocarro, Caminhão plataforma (903) - 313 CDI, 4x4 04/2000...05/2006 | Sprinter 4, 6T Caixa, Caminhão plataforma (906) - 416 CDI 03/2009... | Sprinter 4T Autocarro, Caminhão plataforma (904) - 413 CDI, 4x4 04/2000...05/2006 | Sprinter 4T Caminhão plataforma | Sprinter 5T Caixa (906) - 524, 509, 513, 515 CDI 06/2006... | Sprinter 5T Caixa, Caminhão plataforma (906) - 510, 516 CDI 03/2009... | V Class (638/2) - V200 CDI, V220 CDI (Alt. A0121542202,A0121545402,A0121541702) 03/1999...07/2003 | Viano (W639) - CDI 09/2003... | Viano (W639) - CDI 2, CDI 4 matic 2003... | Viano (W639) - CDI 2.2 07/2010... | Viano (W639) - CDI 2.2 4-matic 07/2005... | Vito (638) - 112 CDI 2.2 (Alt. A0121542202,A0121545402,A0121541702) 03/1999...07/2003 | Vito Autocarro (638) - 108 CDI 2.2 1999...2003 | Vito Autocarro (638) - 110, 110 CDI 2.2 (638.194) 03/1999...07/2003 | Vito Autocarro (638) - 112 CDI 1999...2003 | Vito Autocarro (W639) - 109 CDI, 110 CDI, 111CDI, 113CDI e 4x4 2003...2010 | Vito Caixa (638) - 108 CDI 2.2 1999...2003 | Vito, Mixto Caixa (W639) - 115 CDI, 115 CDI 4x4 116 CDI 09/2003... | Vito, Mixto Caixa (W639) - 120 CDI 2007...

## ALTERNADOR / Alternator

Bosch: AL0798X | AL0801X | 0101549602 | 0111547802 | 0121542002 | 0121542202 | 0121545402 | 0124325039 | 0124325046 | 0124325093 | 0124325105 | 0124325170 | 0124425077 | 0124515061 | 0124515064 | 0124515084 | 0124515091 | 0124515114 | 0124515115 | 0124515118 | 0124615015 | 0124615018 | 0124615019 | 0124615025 | 0124615032 | 0124615033 | 0124615035 | 0124615042 | 0124625006 | 0124625020 | 0124625022 | 0131541002 | 0131541102 | 0131543202 | 0131543402 | 0141542702 | 0141542703 | 0986042530 | 0986043650 | 0986043660 | 0986043900 | 0986043910 | 0986046320 | 0986047460 | F000BL0732 - Chrysler: 513886AA | 04852629AA | 05080464AB | 05080464AC | 05080464AD | 5103886AA | 5134204AA | 5134205AA - Dixie: A6475 | A6476 - Lester: 12382 | 12383 | 12384 | 12385 | 20006 | 20100 | 20325 | 20754 | 22156 | 22879 | 23021 | 23247 | 23248 | 23547 - Mercedes Benz: A12384 | 111546602 | 111547402 | 121540702 | 121540802 | 121541502 | 121541702 | 121542002 | 121542202 | 121542402 | 121544602 | 121544802 | 121545402 | 121546302 | 131541002 | 131541102 | 131541302 | 131541502 | 131541702 | 131542102 | 131543202 | 131545802 | 141542702 | 141542702 | 6461540002 | 6461541002 | 6461541502 | A013154602 | A0101549502 | A0121542202 | A0121542402 | A0121544602 | A0131541302 | A0131541502 | A0131541702 | A0131542102 | A0131543202 | A0131545802 | A0141542702 | A6111550315 | A6111550515 | A6111550715 | A6461540002 | A6461541002 | A6461541502 - Regitar: 2205137

## EQUIVALENTE / Equivalent

Bosch: F00M991099 | F00M991125 | F00M991190 | F00M991303 - Cargo: 232624 - Dayco: ALP2354 - Febi: 21683 - Gates: OAP7057 - IKA: 335571 - INA: F233197 | F559320 | F23319701 | F23319702 | F23319703 | F23319704 | F23319705 | F55932001 - Luk: 535005010 - Mercedes Benz: 6111550315 | 6111550515 | 6111550715 - SKF: VKM03828 - Valeo: 2549800 - Woodauto: EC4238



5396

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Citroën: Berlingo 2.0 HDi, 2.0 HDi 90 12/1999... | Dispatch 2.0 Hdi 03/2000...10/2006 | Evasion 2.0 HDi 08/1999...07/2002 | Jumpy 2.0 Hdi 03/2000... | Synergie 2.0 Hdi 08/1999...07/2002 | Xantia 2.0 HDi 02/1999...04/2003 | XSara 2.0 HDi 02/1999...03/2005 | XSara 2.0 HDi 109 02/1999...08/2005 | XSara Picasso 2.0 HDi 12/1999... - Fiat: Grand Punto 1.3 D Multijet (199) 10/2005... | Scudo 2.0 JTD 12/1999... | Ulysse 2.0 JTD 10/1999...08/2002 - Lancia: Zeta 2.0 JTD 09/1999...09/2002 - Opel: Agila (H00) 1.3 CDTI 08/2003... | Astra H/Van/State 1.3 CDTI 08/2005... | Combo 1.3 CDTI | Corsa 1.3 CDTI | Meriva 1.3 CDTI (51kW) 09/2003...05/2010 | Meriva 1.3 CDTI (55kW) 04/2005...05/2011 | Tigra TwinTop 1.3 CDTI (Alt. Valeo 100A) 06/2004... | Vita 1.3 CDTI 06/2003... - Peugeot: 206 2.0 HDi 12/1999... | 307 2.0 HDi | 406 2.0 HDi 90, 2.0 HDi 110 FAP, 2.2 HDi 1999...2004 | 607 2.0 Hdi (Alt. 5705 AF, 5705 GC) 05/2000... | 608 2.2 Hdi 02/2000... | 806 2.0 HDi, 2.0 HDi 16V (Alt. 5705 AF, 5705 GC) 08/1999...08/2002 | Especial/Special 2.0 HDi 90 06/1999...04/2002 | Expert 2.0 HDi (Alt. 5705 AF, 5705 GC) 07/2000... | Partner 2.0 Hdi ano 02/2000... - Suzuki: Ignis II 1.3 DDIS 09/2003... | Swift III 1.3 DDIS 05/2002... | Wagon R 1.3 DDIS 09/2003...

## ALTERNADOR / Alternator

Denso: 1022118610 - Fiat: 55185075 | 55185076 | 9621791480 - Lester: 21783 | 21787 | 22795 | 23325 | 23792 | 23922 | 23924 - Lucas Indiel: LRA2804 | LRA2817 | LRA02804 | LRA02817 - Mitsubishi: A4TF0091 | A004TF0091 - Opel: 13117278YP | 13117279YQ | ZR13197577 - Peugeot: 57054F | 57055H | 57055J | 5705ER | 5705GC - Renault: 704114923 - Suzuki: 3140000 | 31400T85E00 - Valeo: 437210 | 439257 | 439524 | 57054F | 5705GC | 593521 | 2542841 | 2542850 | 2542851 | 2542861 | 2542884 | A14V135 | TG8S013 | TG9S015 | TG9S016 | TG9S021 | TG9S022 | 2542850A | 2542851A - Vauxhall: 13117278YP | 13117279YQ | ZR13197577

## EQUIVALENTE / Equivalent

Cargo: 230523 | 332320 | 333083 - Citroën: 593527 - Dayco: ALP2349 | ALP2390 - Febi: 27836 - Fiat: 77363954 - Gates: OAP7034 | OAP7039 - IKA: 353011 - INA: F229603 | F2296031 | F2296034 | F2296035 | F22960310 | F22960311 | F22960314 - Litens: 920693 | 55186280 - Luk: 535003910 | 535021210 - SKF: VKM03301  
Valeo: 593891

5403

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Ford: Transit 2.4 DI, 2.4 TD, 2.4 TDE 01/2000...05/2006 | Transit 2.4 TdCi, 2.4 TDE 07/2001...05/2006 | Transit 330K, L, M 2.0, 2.4 | Transit 350EL, L, M 2.0, 2.4 | Transit 430EL, M 2.0, 2.4

## ALTERNADOR / Alternator

Bosch: 0124315019 | 0124315027 | 0124325100 | 0124415032 | 0986042650 | 0986045370 | 0986047260 - Ford: 4461712 | 2C1T10300AA | 2C1T10300BA | YC1T10300BC | YC1T10300BD | YC1T10300BE | YC1T10300BH | YC1T10300BJ - Lester: 21890 | 21891 | 23296

## EQUIVALENTE / Equivalent

Bosch: F00M991078 | F00M991116 | F00M991192 - Cargo: 233657 | 332303 - Ford: YC1U10A352BA - Gates: OAP7069 - IKA: 335621 - Litens: 920574 - Luk: 535007030 - SKF: VKM03405

5406

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Ford: Crown Victoria 4.6L V8 2003...2005 - Mercury: Grand Marquis 4.6L V8 2003...2005 - Mitsubishi: Lancer L4 2.0L (wo/Turbo) 2008...2010 | Lancer L4 2.0L (wo/Turbo) 2010 | Lancer L4 2.4L 2009...2010 | Outlander L4 2.4L 2008 | Outlander L4 2.4L 2008...2010

## ALTERNADOR / Alternator

AES New: 40181N - Arrowhead: AMT0126 - Bosch Newman: AL7601N - Dixie: A80056 - Dubois: 940181 - Ford: 4W7310300AC | 4W7Z10346AC | 6W7T10300AA | 6W7T10300AB | FW7310346AC - Lester: 11026 | 11377 | 11543 | 2035075 | 2035331 | 2035075A - Mitsubishi: A4TJ0181 | A4TJ0182 | A4TJ0181ZC | A4TJ0182ZC  
Motorcraft: GL598 - Romaine: 11026N

## EQUIVALENTE / Equivalent

Cargo: 235649 - Litens: 920004 - Mitsubishi: 51940511 | 61931122

5408

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Ford: Transit 2.4 DI (F,B, FC, FA\_) 01/2000...05/2006 | Transit 2.4 DI [RWD] (FB, FC, FA\_) 01/2000...05/2006 | Transit 2.4 DI [RWD] (FB, FC\_) 01/2000...05/2006 | Transit 2.4 TD, 2.4 TdDi 08/2000...08/2003 | Transit 2.4 TDCi 03/2004...05/2006 | Transit 2.4 TDdi 10/2001...03/2006 | Transit 2.4 TDE 03/2004...05/2006 | Transit 2.4 TDE (FC, FB, FA) 07/2001...05/2006

## ALTERNADOR / Alternator

Ford: YC1T10300BC | YC1T10300BD | YC1T10300BG | YC1T10300BH | YC1T10300BJ - Lester: 8529 - Visteon: 600120404 | DCA1639IR1

## EQUIVALENTE / Equivalent

Cargo: 235157 - Ford: YC1U10352BA - IKA: 335881 - INA: F558404 - Litens: 920583 - Luk: 535012010 - Visteon: VP2C1U10A352AA

5409

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Volkswagen: Gol 1.9D 04/1998...05/2002 | Golf 1.9D | Golf Country 1.9D | Parati III 1.9D ago/02 | Saveiro III 1.9D

5409

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## ALTERNADOR / Alternator

Bosch: 0124315020 | 0124325041 | 0124325076 | F010LD0205 | F010LD0206 - Volkswagen: 026903015M | 377903015 | 048903015A | 048903017A | 377903015A | 377903015H | 377903015J | 377903015N

## EQUIVALENTE / Equivalent

Bosch: F00M991090 | F010LD1120 - Cargo: 235331 - Dayco: ALP2375 - IKA: 335551 - INA: F230209 | F23020903 | F23020904 - Lester: 79202137 - Luk: 535003210 - Volkswagen: 377903015 | 028903119AJ

5410

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

BMW: 1 série 130i 09/2005... | 3 Série 2.0 (alt.1231 7 536 960/1231 7 550 001) jun/05 | 3 série 316i, 316ti 06/2001...02/2005 | 3 série 318Ci, 318i, 318ti 09/2001... | 3 série 325i, 325xi, 330i, 330xi, 318d, 320d 2001...2005 | 5 série 523i, 525i, 525xi, 530i, 530xi 07/2005... | 6 série 630i set/04 | 7 Série 730 i,Li 2003...2005 | Z4 2.0i 2004...2005 - Mercedes Benz: C Class (CL/S/W203) C 200 CDI (85kW) (Alt. Delphi 000 150 17 50, 000 150 25 50) set/00 | C Class (CL/S/W203) C 200 CDI/C 220 CDI (Alt. Delphi 000 154 17 50, 000 154 25 50) mar/01 | C Class (CL/S/W203) C 220 CDI (105kW) (Alt. Delphi 000 150 17 50, 000 150 25 50) mai/00 | C Class (CL/S/W203) C 270 CDI (125kW) 12/2000... | CLK (A/C209) 270 CDI out/02 | E Class (S/W210) - E 220 CDI, E 220 T CDI 06/1998...07/1999 | E Class (S/W210) - E 270 CDI 07/1999...03/2002 | E Class (S/W210) E 200 CDI, E 220 CDI, E 220 T CDI 06/1998...03/2003 | E Class (W210) - E 270 T CDI, E 320 CDI, E 320 T CDI 07/1999...03/2003 | G Class (W463) - G 270 CDI 10/2001... | M Class (W163) - ML 270 CDI 12/1999...06/2005 | S Class (W220) - S 320 CDI ano (145kW) 08/1999...09/2002 | S Class (W220) - S 320 CDI ano (150kW) 09/2002...08/2006 - Mitsubishi: Carisma (DA) 1.9 DI-D (DA5A) 09/2000...06/2006 | Space Star (DG0) - 1.9 DI-D (DG4A) 02/2001... - Nissan: Interstar Autocarro (X70) - dCi 100 11/2003... | Interstar Autocarro (X70) - dCi 120 07/2002... | Interstar Autocarro (X70) - dCi 80, 90 07/2002... | Interstar Autocarro, Caixa (X70) - dCi 100 04/2006... | Interstar Autocarro, Caixa (X70) - dCi 120, 150 09/2006... | Interstar Caixa (X70) - dCi 80, 90, 120 07/2002... | Interstar Caminhão de plataforma chassis - dCi... 02/2004... | Interstar Caminhão de plataforma chassis - dCi... 08/2003... | Interstar Caminhão de plataforma chassis - dCi... 08/2006... | Primastar Autocarro (X83) - dCi 150 09/2006... | Primastar Autocarro (X83) - dCi 80, 100 03/2001... | Primastar Autocarro, Caixa (X83) - dCi 140 07/2003... | Primastar Caixa (X83) - dCi 150 09/2006... | Primastar Caixa (X83) - dCi 80, 100 09/2002... - Opel: Movano Kombi (J9) (F9) 1.9 DTI 09/2000...10/2001 | Movano Kombi (J9)(F9) 1.9 DTI 10/2001... | Vivaro Caixa (F7) 1.9 DI, DTI 08/2001... | Vivaro Kombi (J7) (F7) 2.5 DTI 05/2003... | Vivaro Kombi (J7) 1.9 DI, DTI 08/2001... | Vivaro Kombi, Caixa, Caminhão Plataforma (J7) (F7) 2.5 CDTI 08/2006... - Renault: Fluence | Laguna I, Grandtour (K56\_) (B56\_, 556\_) 1.9 dCi (B56W) 09/1999...03/2001 | Laguna II (BG0/1\_) 1.9 dCi (BG0E) (KG0E) 06/2001... | Laguna II (BG0/1\_) 1.9 dCi (BG0E, BG0R) 10/2001... | Laguna II (BG0/1\_) Grandtour (KG0/1\_) 1.9 dCi, (BG0G) 03/2001... | Laguna III (BT0/1), Grandtour (KT0/1) 2.0 16V (BT0F), (KT0F), Hi-Flex 10/2007... | Master II Autocarro, Caixa (FD) (JD/ND) 1.9 dCi 80 11/2001... | Megane CC (EZ0/1\_) 2.0 CVT 06/2010... | Megane II (BM0/1\_, CM0/1\_) 1.9 dCi (BMOG, ... 11/2002... | Megane III Grandtour (KZ0/1), Coupé (DZ0/1\_) 2.0 CVT (KZ0G, DZ0G) 05/2009... | Megane III Hatchback (BZ0\_) 2.0 CVT (BZ0G) 02/2009... | Trafic II Autocarro (JL) 1.9 dCi 04/2001...07/2003 | Trafic II Autocarro (JL) 1.9 dCi 80, 100 (JL0B) (JL0C) 03/2001... | Trafic II Autocarro (JL) 2.5 dCi 135 (JL0D) 05/2003... | Trafic II Autocarro (JL) 2.5 Dti 03/2003...07/2003 | Trafic II Caixa (FL) - 2.5 Dti 03/2003...07/2003 | Trafic II Caixa (FL) 1.9 dCi 04/2001...07/2003 | Trafic II Caixa (FL) 2.5 dCi 135 (FL0D) 05/2003... | Trafic II Caixa, Caminhão plataforma (FL) 1.9 dCi 80 (FLOB) 100 (FLOC) 03/2001... - Vauxhall: Movano Mk I (A) Kombi(JD) Van (FD) 1.9 DTI 10/2001... | Vivaro Caixa 1.9 DI, DTI 08/2001... | Vivaro Caixa 2.5 CDTI 08/2006... | Vivaro Caixa 2.5 DTI 04/2004... | Vivaro Caminhão plataforma chassis - 2.5 CDTI 04/2003...08/2006 | Vivaro Kombi 1.9 DI, DTI 08/2001... | Vivaro Kombi 2.5 CDTI 01/2006... | Vivaro Kombi 2.5 DTI 04/2004... - Volvo: S40 I (VS) - 1.9 DI 03/1999...07/2000 | S40 I (VS) - 1.9 DI 07/2000...12/2003 | S40 I (VS) - 1.9 TD 07/1995...08/1999 | V40 Kombi (VW) - 1.9 DI 03/1999...07/2000 | V40 Kombi (VW) - 1.9 DI 07/2000...06/2004 | V40 Kombi (VW) - 1.9 TD 07/1995...08/1999

## ALTERNADOR / Alternator

BMW: 12317516721 | 12317516722 | 12317516723 | 12317516724 | 12317521488 | 12317521490 | 12317521491 | 12317532968 | 12317533272 - Delphi: 1500550 | 1501750 | 1502550 | 30044707 - General Motors/Chevrolet: 4403540 | 9111540 - Lester: 11260 | 20609 | 20688 | 20843 | 22952 | 22990 | 23161 | 23162 | 23233 | 23234 | 23250 | 24252 - Lucas Indiel: LRA1990 | LRA01990 - Mercedes Benz: 1500550 | 1501750 | 1502550 | 1540650 | 1541650 | 1542050 | 1542450 | 1542850 - Opel: 4403540 | 4430591 | 4430595 - Renault: 7700426849 | 7700426879 | 7700427474 | 7711134316 | 8200162474 | 8200538407 | 8200690199 - Valeo: F9Q762 | 3602231 | SG12B017 | SG12B071 | SG12B096 | TG12B017 | TG12B071 | TG12B096 | TG12B110 | TG12B123 | 2310000Q0A | 2310000Q1F | 2310000QA7 | 2310000QAM | 2310000QBE | 8200538402 - Volvo: 8251635 | 8251641 | 8251644 | 8251647 | 8251648 | 8251725 | 93160665 | 93161425 | 93189523

## EQUIVALENTE / Equivalent

Bosch: 01221AA4Z0 | 01221AA7V0 | F00M991396 - Cargo: 230307 | 238426 | 332296 | 332301 | D762D799 - Dayco: ALP2338 - Delphi: 10451570 | 10453582 - Febi: 15155 - Gates: OAP7049 | OAP7055 | OAP7081 - IKA: 335311 | 335331 | 353071 - INA: F238005 | F556602 | F559585 | F560843 | F2293635 | F2293636 | F2293637 | F2293639 | F2296433 | F2296434 | F2296437 | F2303292 | F2303294 | F5566021 | F22936305 | F22936306 | F22936307 | F22936309 | F22964303 | F22964304 | F22964307 | F22964310 | F22964311 | F23032902 | F23032904 | F23800502 | F55660201 | F55958501 - Luk: 535001610 | 535003010 | 535012710 - Mercedes Benz: 6111500360 | 6111550015 | 6111550415 - SKF: VKM03603 | VKM03815 | VKM03871 - Volkswagen: 593514 | 593539 | 593904 | 595203 | 2547655 | 2549815 | 2603341 | 2604332 - Woodauto: EC4230 - Yale: 12317516105 | 12317536960 | 12317550001 | 12317570152

5411

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: Classe A 160 (W168) CDI, 07/1998...08/2004 | Classe A 210 (W168) 03/2002...08/2004 | Classe A140 (W168) | Classe A190 (W168) 03/1999...08/2004 | Vaneo (414) 1.4, 1.6, 1.7 CDI, 1.9 fev/02

## ALTERNADOR / Alternator

Lester: 22850 | 22851 - Mercedes Benz: A0101543902 | A0111548202 | A0121544302 | A0121544402 - Valeo: 437346 | 439333 | SG9B039 | 2542347A | A13VI202 | A13VI257

5411

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## EQUIVALENTE / Equivalent

Cargo: 230297 | 230310 | 333087 - Dayco: ALP2376 | ALP2387 - Febi: 15153 | 15157 - Gates: OAP7079 | OAP7089 - IKA: 335241 | 335431 - INA: F226954 | F230759 | F2269543 | F2269544 | F2269545 | F2269547 | F22695405 | F23075901 | F23075902 | F23075905 - Luk: 535001110 | 535002010 - Mercedes Benz: 1661550215 | 6681550015 | 6681550715 | 6681551715 - Ruville: 55153 - SKF: VKM03825 | VKM03827 - Valeo: 587122 | 593492 | 593493 | 595203 | 2546999 | 2547737 | 2542347A - Woodauto: EC4088

5419

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Kia: Clarus Estate (GC) 1.8i 16V, 2.0i 16V 05/1998... | Credos (K9A) 1.8i 16V, 2.0i 16V 07/1996... - Mazda: 626 Mk IV 1.8i, 2.0i, 2.0i 4WD 08/1991...06/1997 | 626 Mk IV Hatchback 1.8, 2.0i, 2.0i 4WD 08/1991...04/1997 | B Series/MPV II 2.5 V6 09/1999...03/2002 | MX 6 2.0i fev/92

## ALTERNADOR / Alternator

Lester: 13883 - Mazda: BPE818300 | BPE918300 | FS0518300 | GY0118300F | GY0118300G | GY0118300H | GY0118300J - Mitsubishi: A3TB1081 | A2TB1081A | A3TB1081A | A3TB1081B

## EQUIVALENTE / Equivalent

Dayco: ALP2347 - IKA: 335491 - INA: F232600 | F2299743 | F22997403 | F23260001 | F23260002 - Luk: 535003510 - Mazda: GY0211W11A | GY0218330A | GY0218330B | GY0218W37Z - Mitsubishi: A628X91371 - Valeo: A628X91371

5422

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Astra 1.8i, 2.0i, 2.0i 16V, Sedan 1.8i, 2.0i 16V 10/1998... | Vectra 2.2, 2.2 16V 12/1997...03/1998 | Zafira 2.0 MPFI, 2.0i SFI 16V abr/01

## ALTERNADOR / Alternator

Bosch: 0124325114 | 0124515089 | 9120456024 - General Motors/Chevrolet: 93322958 - Lester: 23627

## EQUIVALENTE / Equivalent

Bosch: F00M991134 - INA: F2269625 | F2269628 - Luk: 535005610

5423

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Dacia: Duster 1.5 dCi 04/2010... | Logan 1.4, 1.4 Bifuel, 1.6, 1.6 LPG 09/2004... | Logan 1.5 dCi set/05 | Logan 1.6 CNG 04/2007... | Logan Express 1.4, 1.6, 1.5dCi 03/2009... | Sandero 1.4, 1.6, 06/2008... | Sandero 1.5dCi 11/2008... - Nissan: Almera II 1.5 dCi 01/2003... | Kubistar 1.5 dCi 08/2003... | Micra 1.5 dCi 01/2003... | Note 1.5 dCi 03/2006... | NV200 1.5 dCi 02/2010... | Tiida 1.5 dCi, 1.8 09/2009... - Renault: Clio II 1.4 16V 10/1999... | Clio II 1.5 D, 1.5 dCi (50kW) 04/2004... | Clio II 1.5 dCi (47kW) 06/2005... | Clio II 1.5 dCi (48kW) 06/2001... | Clio II 1.5 dCi (74kW) 01/2004... | Clio II 1.5 dCi, 1.5 dCi (59-62kW) jun/01 | Clio II 1.6 11/2003... | Clio II 1.6 16V 09/1998... | Kangoo 1.4 (55kW) 08/1997... | Kangoo 1.5 dCi (42-48kW) 12/2001... | Kangoo 1.5 dCi (50kW) 06/2005... | Kangoo 1.5 dCi (60-62kW) 07/2002... | Kangoo 1.6 (66kW) 09/1999...06/2001 | Kangoo 1.6 16V (70kW) 06/2001... | Kangoo 1.6 16V bivalent (60kW) 06/2005... | Laguna 1.6 16V 05/1998...01/2001 | Laguna 1.8 05/1998...01/2001 | Laguna II 1.6 16V, 1.9 dCi 03/2001... | Logan 1.4, 1.6 09/2004... | Logan 1.5 dCi 04/2007... | Megane I 1.4 09/1996... | Megane I 1.4e, 1.4 16V, 1.6 16V 03/1999... | Megane I 1.4i 01/1996... | Sandero 1.4, 1.6 02/2009... | Scenic I 1.4 16V, 1.6, 1.6 16V 09/1999...08/2003 | Thalia 1.4, 1.4 16V 08/2000... | Thalia 1.5 dCi (47kW) 06/2005... | Thalia 1.5 dCi (48kW) 04/2002... | Thalia 1.5 dCi (50kW) 02/2003... | Thalia 1.5 dCi, 1.5 dCi RT (59-60kW) 06/2001... | Twingo 1.5 dCi (CNOU) (Alt. Valeo 120A) 04/2008... | Twingo 1.5 dCi (CNOE) 03/2007... | Twingo 1.5 dCi 75, 1.5 dCi 90 10/2010...

## ALTERNADOR / Alternator

Bosch: 4185 | 4277 | LRB460 | 0124325185 | 0124415007 | 0124415013 | 0124415014 | 0124415040 | 0124415041 | 0124425034 | 0124525028 | 0986041850 | 0986042720 | 0986042770 | 0986047360 - Dacia: 7701473636 | 7701476809 | 7701477712 - Lester: 20135 | 20355 | 20453 | 20608 | 20610 | 20638 | 20967 | 20972 | 23893 | 23975 - Lucas Indiel: LRB00460 - Melco: A002TC0982 - Nissan: 2310000Q0D | 2310000Q2C | 2310000QA9 | 2310000QBB | 2310000QBH | 23100BN700 | 23100BN701 | 23100BN704 | A002TC0981 - Renault: 7700101274 | 7700421477 | 7700429217 | 7700429310 | 7700434899 | 7700434900 | 7701473636 | 7701473637 | 7701474326 | 7701476809 | 7701477694 | 7701477710 | 7701477711 | 7701477712 | 8200019706 | 8200030635 | 8200122976 | 8200323137 | 8200537415 | 8200660040 | 8200667608 | 8200667609 | 8800030635 | 8800385098 | 8800386806 - Valeo: 437311 | 437558 | 437559 | 437622 | 439561 | 439584 | 440062 | SG9B033 | 2542420A | 2542420B | 2542420C | 2542548A | SG10B016 | SG10B020 | SG12B089 | SG12B105 | TG11C034 | TG11C064

## EQUIVALENTE / Equivalent

Bosch: 0124325031 | F00M147906 | F00M991054 | F00M992723 - Cargo: 231584 | 333025 - Gates: OAP7106 - Hutchinson: D7512RA - INA: F557755 | F5501814 | F5501815 | F55018103 | F55018104 | F55018105 - Luk: 535010510 | 535011710 - Renault: 110616 | 7700110616 | 7701477689 | 8200548796 - Valeo: 595210 | 2602881 | 2604211

5424

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Toyota: Avensis 1.9 (T22) 09/2002...02/2003 | Avensis 2.0 D-4D (T25) 04/2003... | Avensis Verso D4-D (AC) 08/2001... | Corolla (E11) 2.0 D-4D 09/2000...01/2002 | Corolla (E12) 2, 2.0 D-4D, 2.0 D4-D 01/2002... | Corolla (ZER,ZZE) 2.0 D-4D 04/2004... | Previa (ACR3) 2, 2.4, 2.4 16V, 2.4 Hybrid 08/2000... | Previa (ACR3) 2.0 D4-D 03/2001... | RAV 4 II (XA2) 2.0 D4-D 09/2001...

5424

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## ALTERNADOR / Alternator

Lester: 23298 | 23316 - Nissan: 2706027040 | 2706027060 | 2706027070 | 2706027080 | 2706027090

## EQUIVALENTE / Equivalent

Cargo: 236332 - Gates: OAP7116 - IKA: 353081 - INA: F570753 - Luk: 535018410 - NTN: 51206 - Ruville: 59946 - SKF: VKM6100 - Toyota: 2741527011

5425

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Volkswagen: California, Caravelle T4 2.5 TDI | LT 28-35 2.8 TDI 05/2001...06/2006 | LT 28-46 2.8 TDI 04/2002...07/2006 | Multivan T4 2.5 TDI | Transporter IV 2.5 TDI 09/1995...04/2003 - Volvo: S60 2.5T, R 2.5T, 2.4 D, 2.4 D 5 | S70 2.5 TDI | S80 2.4 T, 2.4 T5, 2.4 D, 2.5 TDI | S80 II (120kW) 2.4 D (Alt. Bosch 140A) 03/2006... | V70 I 2.4, 2.5 TDI | V70 II 2.4 D, 2.4 D5, 2.5 T, 2.5 R Sport, R 2.5 T, 2.5 TDI | XC 70 Cross Country 2.5 T XC, 2.5 D5 XC

## ALTERNADOR / Alternator

Bosch: 0124041140 | 0124325088 | 0124515110 | 0124520014 | 0124525029 | 0124615003 | 0124615006 | 0986042840 | 0986047470 - Lester: 23206 | 23289 | 24060 | 27057 - Volkswagen: 74903026 | 074903025S | 074903025T - Volvo: 8111122 | 8602710 | 8602714 | 9442130 | 9459093

## EQUIVALENTE / Equivalent

Bosch: F00M147736 | F00M991095 | F00M991308 - Dayco: ALP2355 - Gates: OAP7066 - INA: F22782008 | F22782009 | F22782010 | F22782012 | F22782013 - Luk: 535005210 - Ruville: 55473 - SKF: VKM03114 - Volkswagen: 021903119H | 021903119K - Volvo: 8658644

5426

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 72

## APLICAÇÃO / Application / Aplicación

Volvo: C70 2.0T 03/2000...10/2005 | C70 2.4T 07/2002...10/2005 | C70 2.5 05/1999...09/2002 | C70 2.2.3T, 2.5T 03/1997...10/2005 | S40 II 2.4 01/2004... | S60 2.0T, 2.3T, 2.3T5, 2.4, 2.4T, 2.4D, 2.4D 5, 2.4 Bifuel, R 2.5T, T5 | S70 2, 2.0 10V, 2.0 20V Turbo, 2.3, 2.3 20V Turbo, 2.3 20V T-5, 2.3 T5 GLT | S70 2.4, 2.4 16V, 2.4 20V, 2.4 Blu-Fuel, 2.4 Bifuel, 2.4 T5 Sport, 2.4 20V Turbo | S70 2.5 10V, 2.5 20V Turbo AWD, 2.5 Bifuel | S80 2, 2.0T, 2.3 R, 2.4, 2.4 Bifuel, 2.4 LTP, 2.4T, 2.4 T5, 2.4D, 2.4D 5, 2.5 TDI, 2.5 T, 2.8 T6, 2.9 | S80 II (120kW) 2.4 D (Alt. Bosch 120/160A) 03/2006... | V70 2.0 Turbo, 2.4 Turbo, 2.5 Turbo | V70 2.2.3, 2.4, 2.4T, 2.5 Bifuel, 2.5 TDI | V70 2.2.4 Bifuel | V70 2.5 T5, AWD, VX, 2.4D | V70 II 2.0T, 2.3, 2.3 T5, 2.4, 2.4 Bifuel, 2.4T, 2.4D, 2.4 D5, 2.5T, 2.5 R Sport, R 2.5 T, 2.5 TDI | V70 III 2.4 D, 2.4 D5 | XC70 Cross Country 2.4 D5, 2.5 T XC, 2.5 D5 XC | XC70 II 2.4 D, 2.4 D5 | XC90 2.5 T, D5

## ALTERNADOR / Alternator

Bosch: 0124515014 | 0124515019 | 0124515029 | 0124515054 | 0124525060 | 0124625003 | 0124625024 | 0986042840 | 0986047380 | 0986047500 - Lester: 11091 | 11488 | 13801 | 13998 - Lucas Indiel: LRA1846 | LRA01846 - Volvo: 3803645 | 8111001 | 8111122 | 8251071 | 8601841 | 8602276 | 8602343 | 8602629 | 8602710 | 8602714 | 8603262 | 8603265 | 8622786 | 8637848 | 8651665 | 8676496 | 8676498 | 8676499 | 9459077 | 9459092 | 30658085 | 30658087 | 30667787 | 30667788 | 30667894 | 30667895

## EQUIVALENTE / Equivalent

Bosch: F00M147716 | F00M147760 | F00M147799 | F00M991016 | F00M991061 | F00M991156 | F00M991232 | F00M991265 - Cargo: 230296 - Dayco: ALP2360  
Febi: 14997 - Gates: OAP7036 - IKA: 335361 | 335761 - INA: F230401 | F553099 | F23040102 | F23040103 | F23040106 | F23040107 | F23040108 | F23040109 | F55292301 | F55309901 - Luk: 535001910 | 535007210 - SKF: VKM03651 - Swag: 55140001 - Volvo: 8676496 | 8676497 | 9459747 | 30667878 | 30737517

5428

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Chrysler: Pacifica 3.8 04/2004...09/2008 | Town e Country 3.3, 3.8 10/2000...08/2007 | Voyager II (GS) 3.8i 01/1995...03/2001 | Voyager III (RG) 3.3, 3.8 02/2000... - Dodge: Caravan 3.3, 3.8 10/2000...08/2007 - Jaguar: S-Type (CCX) 2.7 L 06/2004... | XF 2.7 D 03/2008... | XJ (X350, X358) 6 2.7 D 10/2005... - Jeep: Cherokee (KK) 2.8 CRD 05/2008... - Land Rover: Discovery III 2.7 TD jul/04 | Range Rover Sport 2.7 TDVM 02/2005... - Toyota: Auris 1.6 VVTi 03/2007... | Auris 1.6, 1.8 02/2009... | Avensis (T27) 1.6, 1.8, 2.0 02/2009... | Axio (E14,E15) jan/07 | Blade (ZE15,RE15) 10/2006... | Corolla (E12) 1.6, 1.6 VVTi 10/2006... | Jetliner (T27) 1.6, 1.8, 2.0 02/2009... | Megaliner (T27) 1.6, 1.8, 2.0 02/2009... | RAV 4 III 2.0 12/2008... | Verso 1.6, 1.8 04/2009... | Yaris 1.8 VVTi (98kW) 01/2007...

## ALTERNADOR / Alternator

Chrysler: 4686430AF | 4686430AH | 4686430AB | 4686430AC | 4686430AD | 4686430AE | 4686431AB | 4686431AC | 4686431AD | 4686431AF | 4686431AG | 4686760AD | 4686760AE | 4686760AF | 4686760AH | 56041578AD | 56041578AE | 56044672AB - Crysler: 56041578AD | 56041578AE | 56044672AB - Denso: 1042102801 | 1042102802 | 1042103720 | 4210000011 | 4210000012 | 4210000013 | 4210000021 | 4210000022 | 4210000023 | 4210000024 | 4210000025 | 4210000026 | 4210000027 | 4210000028 | 4210000141 | 4210000142 | 4210000145 | 4210000222 | 4210000223 | 4210000225 | 4210000300 | 4210000301 | 4210000302 | 4210000303 | 4210000304 - Jeep: 53013554AD | 53013554AE - Lester: 11063 | 11385 | 11386 | 11870 | 13871 | 24123 - Toyota: 2706037010 | 2706037011 | 2706037050 | 2706037051 | 2706037081

## EQUIVALENTE / Equivalent

Cargo: 332486 - Chrysler: 04861506AB | 04861506AC | 4861506AD | 4861506AE | 4861506AF | 04861506AG | 53013554AD | 53013554AE - Denso: 0210401130 | 0210401170 | 0210401241 | 0210401320 | 0210401441 | 0210401450 | 1210003841 | 1210003843 | 1210003846 | 1210411241 | 4210000141 | 4210000142 - Flennor: FGF0002 - Ford: 4R8310300AB - Gates: OAP7015 - IKA: 335941 - Litens: 600752 | 920720 | 920752 | 920834 - Luk: 535017410 | 535019710 | 535020810  
Nippondenso: 0210401110 | 0210401450 - Ruville: 58621 | 59959 - Toyota: 274150T010 | 274150T011

5429

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Ford: Mondeo III 1.8 Sci (BWY) 06/2003...08/2007 | Mondeo III 1.8/2.0 16V (B4Y,B5Y) 11/2000...08/2007

## ALTERNADOR / Alternator

Ford: 1S7TCA | 1S7TCB | 1S7TCC | 1S7TCD | 1S7TCE | 1120213 | 1140694 | 1151213 | 1464782 | 1S7T10300CA | 1S7T10300CB | 1S7T10300CC | 1S7T10300CD | 1S7T10300CE | 1S7T15K600CA | 1S7T15K600CB | 1S7T15K600CC - Lester: 22150 - Lucas Indiel: LRA1150 | LRA01150 - Visteon: 2015001004

## EQUIVALENTE / Equivalent

Cargo: 234401 - Ford: 1S7U10A352DB - IKA: 335901 - INA: F556615 | F2328543 | F2328546 | F23285403 | F23285406 - Luk: 535007410 - SKF: VKM03408  
Visteon: 1S7U10A352DB | 1S7U10A352EA

5431

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Nissan: Patrol GR II (Y61) 3.0 Dti 05/2000... | Terrano II (R20) 3.0 Di 4WD 05/2002... - Renault: Master III 3.0 dCi 140 10/2003... - Vauxhall: Movano 3.0 DTi 10/2003...

## ALTERNADOR / Alternator

Lester: 23215 - Nissan: 231002W201 | 231002W20A | 23100VC100 | 23100VC101 | 23100VC201

## EQUIVALENTE / Equivalent

Cargo: 235021 - Dayco: ALP2356 - Gates: OAP7094 - Hitachi: GD2155541 - IKA: 335281 - INA: F228751 | F2287512 | F2287513 | F22875102 | F22875103 | F22875106 | F22875107 - Luk: 535005310 - Nissan: 231502W200 | 231502W20A - SKF: VKM03609 | VKM03610

5432

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Mitsubishi: Carisma 1.9 DI-D 09/2000...06/2006 | Interstar 1.9 dCi 07/2002... | Primastar dCi 80, dCi 100 03/2001... | Space Star 1.9 DI-D 02/2001... - Opel: Movano Kombi 1.9 DTi 10/2001... | Vivaro 1.9 DTi, Di 08/2001... - Renault: Laguna II 1.9 dCi (Alt. Valeo 120A) 03/2001... | Master II 1.9 dCi (Alt. Valeo 120A) 11/2001... | Megane II 1.9 dCi (Alt. Valeo 120A) 11/2002... | Traffic II 1.9 dCi, 1.9 dCi 100 (ELOC), 1.9 dCi 80 (ELOB), dCi 100, dCi 80 (Alt. Valeo 120A) 03/2001... - Vauxhall: Movano 1.9 DTi 10/2001... | Vivaro 1.9 DI, 1.9 DTi 08/2001... - Volvo: S40 I 1.9 DI 07/2000...12/2003

## ALTERNADOR / Alternator

General Motors/Chevrolet: 4403540 | 4404331 | 4417846 | 4430587 | 9111540 | 9112331 | 93160666 | 93161424 | 93191541 - Lester: 20841 | 23160 - Mitsubishi: S883627 - Nissan: 2310000Q0B | 2310000Q1A | 2310000QAL | 2310000QBD - Opel: 4417295 | 93161923 - Renault: 7700426849 | 7701473614 | 7701477001 | 7711134312 | 7711134316 | 8200022774 | 8200086130 | 8200162474 | 8200495301 | 8200495302 | 8200538815 | 8200571815 | 8200590255 - Valeo: 437208 | 437351 | 439292 | 439341 | SG12B050 | SG12B095 | SG12B108 | SG12B116 - Volvo: 2542523 | 8251641 | 8602356 | 8602806 | 30620870 | 36002231

## EQUIVALENTE / Equivalent

Dayco: ALP2352 - Gates: OAP7082 - General Motors/Chevrolet: 93190867 - Hutchinson: DB0261 - INA: F234637 | F2346371 | F2346374 | F23463704 - Luk: 535004810 - Nissan: 2315100Q0A - Opel: 4417573 - Renault: 7701477507 | 8200584039 - Ruville: 55583 - SKF: VKM03602 - Valeo: 593516 | 2548621 | 2604092 | 31251073

5435

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Fiat: Doblo 1.8 OHCI com AC 2003... | Palio 1.8 OHCI com AC 2002... | Stilo 1.8 OHCI com AC 2003... - General Motors/Chevrolet: Meriva | Novo Corsa 1.0 OHCI com AC, sem DH 06/2002... | Novo Corsa Sedan 1.0 OHCI com AC, sem DH 06/2002...

## ALTERNADOR / Alternator

Lester: 23744 - Valeo: 439519 | B2220147 | SG10B034

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 93387684 - INA: F236716

5437

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Citroën: Berlingo 2.0 HDi 1999...2005 | C5 2.0 Hdi 03/2001...08/2004 | C5 2.2 Hdi 03/2001... | C8 2.0 Hdi, 2.2 HDi 07/2002... | Dispatch 2.0 Hdi 03/2000...10/2006 | Evasion 2.0 HDi 08/1999...07/2002 | Jumper 2.0 Hdi (230) 11/2001...04/2002 | Jumper 2.0 Hdi, 2.2 HDi (244) 04/2002... | Jumpy 2.0 Hdi (230) 11/2001...04/2002 | Relay 2.0 Hdi, 2.2 HDi (244) 04/2002... | Synergie 2.0 Hdi 08/1999...07/2002 | Xantia 2.0 HDi 90 02/1999...03/2005 | XSara 2.0 HDi 109 02/1999...08/2005 - Fiat: Ducato 2.0 JTD, 2.3 JTD 10/2001...04/2002 | Scudo 2.0 JTD 12/1999... | Ulysse 2.0 D Multijet (179) 05/2006... | Ulysse 2.0 JTD (179) 05/2003... | Ulysse 2.0 JTD (220) 10/1999...08/2002 | Ulysse 2.2 D Multijet, 2.2 JTD (179) 08/2002... - Ford: Fiesta V 1.4 TdCi (JH,JD) 11/2001... | Fiesta Van 1.4 TdCi 10/2003... | Fusion 1.4 TdCi (JU) 08/2002... - Lancia: Phedra 2.0 JTD 09/2002... | Phedra 2.0 JTD, 2.0 D Multijet jul/06 | Phedra 2.2 D Multijet 03/2008... | Phedra 2.2 JTD 09/2002... | Zeta 2.0 JTD 09/1999...09/2002 - Mazda: 2.1.4 04/2003... - Peugeot: 206 2.0 HDi 90 12/1999... | 307 2.0 HDi 110, 2.0 HDi 110 FAP, 2.0 HDi 90 08/2000... | 406 2.0 HDi 90 02/1999...05/2004 | 406 2.2 HDi 03/2000...12/2004 | 607 2.0 Hdi (Alt. 5705 AA, 5705 ER) 05/2000... | 607 2.2 Hdi 02/2000... | 806 2.0 HDi, 2.0 HDi 16V (Alt. 5705 AA, 5705 ER) 08/1999...08/2002 | 807 2.0 HDi FAP, 2.2 HDi 06/2002... | Boxer 2.0 Hdi, 2.2 Hdi 04/2002... | Expert 2.0 Hdi (Alt. 5705 AA, 5705 ER) 07/2000... - Suzuki: Grand Scudo 2.0 1998... | Grand Vitara (JB) 2.0 10/2005... | Grand Vitara 2.0 03/1998... | Grand Vitara 2.0 HDi 110 07/2001... | Grand Vitara 2.0 HDi 110, 2.0 TD, 2.0 TD Intercooler 03/1998...

## ALTERNADOR / Alternator

Fiat: 9610787780 | 9636060780 | 9640878780 | 9645907580 - Ford: 1140136 | 2S6T10300BA - Lester: 21787 | 21788 | 23299 | 23300 | 23301 | 23332 - Mazda: Y40218300 - Peugeot: 57054F | 5705A1 | 5705AA | 5705ER | 5705GC - Suzuki: 3140068D01 | 3140068D02 - Valeo: 9520 | 2542500 | A14V135 | A14V141 | SG15S019

## EQUIVALENTE / Equivalent

Cargo: 234149 | 332321 - Dayco: ALP2361 - Febi: 24413 - Fiat: 9949627 | 77363303 - Gates: OAP7030 - IKA: 33586 1 - INA: F2296032 | F2296033 | F2296036 | F2296037 | F2296038 | F22960302 | F22960303 | F22960306 | F22960307 | F22960308 | F22960309 | F22960312 | F22960313 | F22960315 | F22960316 - Lancia: 9949627 | 77363303 - Luk: 535007310 - SKF: VKM03300 - Suzuki: 3177168D00 | 3177168D01 - Valeo: 593907 | 2548543 | 2602877

5438

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Ford: Expedition 4.6 2003...2008 | Expedition 5.4 2003...2004 | Mustang 4.6 2005...2006 - Lincoln: Probe II 2.5 V6 24V 10/2003...03/1998 - Mazda: 626 IV Hatchback 2.5 | MPV II (LW) 2.5 V6 09/1999...03/2002 | Navigator 5.4 2003...2008

## ALTERNADOR / Alternator

Bosch: 0986042921 - Ford: 3395459 | 3395461 - Lester: 8303 | 8444 | 8516 - Mazda: GY0118300E | K80118300A | K80118300B | K80118300C | K80118300D | K80118300AT

## EQUIVALENTE / Equivalent

Cargo: 230308 - Dayco: ALP2339 - Febi: 15156 - Ford: 3395459 | F32210344B | XW4U10A352AA | YM2E10N356AA - Gates: OAP7085 - IKA: 335341 - INA: F229974 | F2299744 | F2299745 | F22997404 | F22997405 - Luk: 535001710 - Mazda: GY0218330 | GY021833A | K80118W11 | K80118W12 - Melco: A628X91171 - SKF: VKM06401 - Visteon: VP6R3U10A352AA

5440

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: Mito 1.3 JTDM 10/2009... - Fiat: 500 1.3 D Multijet (119, 223) (Alt. Denso 120A) 12/2009... | 500C 1.3 D Multijet (119, 223) (Alt. Denso 120A) 09/2009... | Doblo 1.3 JTD (119, 223) (Alt. Denso 120A) 05/2005... | Doblo 1.3 JTD 16V (119, 223) (Alt. Denso 90/120A) 05/2004... | Doblo (152) 1.3 D Multijet (Alt. Denso 90/105/120A) 02/2010... | Fiorino 1.3 D Multijet (Alt. Denso 120A) 02/2008... | Fiorino Qubo 1.3 D Multijet (Alt. Denso 120A) out/05 | Grand Punto (199) 1.3 D Multijet (Alt. Denso 90/120A) 10/2005... | Idea 1.3 JTD (Alt. Denso 90/105/120A) 01/2004... | Linea 1.3 D Multijet (Alt. Denso 90/105A) 06/2007... | Punto Evo 1.3 D Multijet (Alt. Denso 90/105A) 10/2009... - Lancia: Musa 1.3 Multijet (Alt. Denso 90/105A) 09/2006... | Ypsilon 1.3 Multijet (Alt. Denso 75A) 09/2006... - Opel: Agila 1.3 CDTI (Alt. Denso 70/100A) 08/2003... | Astra H 1.3 CDTI (Alt. Denso 70/105A) 08/2005... | Astra H GTC 1.3 CDTI (Alt. Denso 70/105A) 04/2005... | Combo 1.3 CDTI 16V (Alt. Denso 70/100A) 10/2004... | Corsa C 1.3 CDTI (Alt. Denso 70A) 06/2003... | Corsa D 1.3 CDTI (Alt. Denso 70/100A) 07/2006... | Meriva 1.3 CDTI (Alt. Denso 70/100A) 09/2003...05/2010 | Tigra 1.3 CDTI (Alt. Denso 100A) 06/2004... Vauxhall: Agila 1.3 CDTI (Alt. Denso 70/100A) 01/2008... | Astra MK V 1.3 CDTI (Alt. Denso 70/105A) 08/2005... | Combo 1.3 CDTI 16V (Alt. Denso 70A) 12/2004... | Corsa MK II 1.3 CDTI 16V (Alt. Denso 70A) 08/2003... | Corsa MK III 1.3 CDTI (Alt. Denso 70/100A) 07/2006... | Corsa Van MK II 1.3 CDTI 16V (Alt. Denso 70A) 04/2004... | Meriva 1.3 CDTI (Alt. Denso 120A) 09/2003... | Tigra 1.3 CDTI (Alt. Denso 100A) 06/2004...

## ALTERNADOR / Alternator

Alfa Romeo: 51787208 | 51787209 | 77364721 - Fiat: 51787208 | 51787209 | 51787210 | 51805799 | 51805800 | 51805801 | 51829383 | 51854909 | 51854910 | 51854911 | 51854912 | 51854914 | 51854915 | 51854916 | 51855875 | 77364721 - General Motors/Chevrolet: 13222934 | 13222935 | 13222936 | 13243463 | 13256928 | 93183381 | 93185260 | 93185261 | 93190915 - Lester: 23923 | 24063 | 24064 | 24065 | 24068 - Opel: 6204201 | 6204212 | 6204213 | 6204257 | 6204258 | 6204259 | 6204261 | 6204273 | 6204280

## EQUIVALENTE / Equivalent

Cargo: 330221 | 332316 - Denso: 1210410580 - Fiat: 77364723 - General Motors/Chevrolet: 93185282 | 93192215 - IKA: 353901 - INA: F557928 | F55792801 - Litens: 920789 - Luk: 535015110 - Opel: 6204229 | 6204286 - SKF: VKM03509

5445

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: G Class (W463) G 400 CDI (463.332, 463.333) (184kW) 12/2000... | S Class (W220) S 400 CDI (220.028, 220.128) (184kW) 06/2000...08/2005 | S Class (W220) S 400 CDI (220.028, 220.128) (191kW) 06/2003...08/2005

5445

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## ALTERNADOR / Alternator

Bosch: 01220AA1P0 | 0124625017 - Lester: 23111 - Mercedes Benz: 1502250

## EQUIVALENTE / Equivalent

Bosch: 01221AA6K0 | 01221AA8F0 | F00M991395 - Cargo: 230311 - Dayco: ALP2386 - Febi: 15158 - Gates: OAP7098 - IKA: 335471 - INA: F2308252 | F2308253 | F2308255 | F23082504 | F23082505 - Luk: 535002110 - Mercedes Benz: 6281550015 - SKF: VKM03811

5446

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Audi: A8 2.8, 2.8 Quattro (4D2,4D8) (142kW) 04/1996...09/2002

## ALTERNADOR / Alternator

Bosch: 0123520004 - Volkswagen: 78903016 | 078903119G

## EQUIVALENTE / Equivalent

Bosch: 1126601588 - Cargo: 230303 - Febi: 15256 - IKA: 335231 - INA: F2263214 | F2263215 | F2263216 | F22632112 - Luk: 535000610 - Volkswagen: 078903119G

5448

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Audi: A3 1.8 TFSI, 2.0 TFSI, Sportback | A4 1.6, 1.8T, 2, 2.0 FSI, 2.0 TFSI Avant | A6 2.0 TFSI, Avant 2.0 | Avant, Cabrio, (T) FSI, Quattro 2.0 | Avant, Cabrio, Quattro 1.8T | TT 1.8 TFSI, 2.0 TFSI, 2.0 TFSI quattro - Seat: Alhambra 2.0 TSi 11/2010... | Altea 1.8 TFSI 2007... | Altea 2.0 TFSI 4x4 2009... | Exeo 1.6/1.8 T 2008... | Exeo 2.0 TFSI 2009... | Leon 1.8 TSi 2007... | Leon 2.0 TFSI 2009... | Toledo III 1.8 TFSI 2007... - Skoda: Octavia 1.8 TSi 2007... | Octavia 2.0 RS 2005... | Superb 1.8 TSi/1.8 TSi 4x4/2.0 TSi 2008... | Yeti 1.8 TSi 2009... - Volkswagen: Eos 1.4 TSi 2007... | Eos 2.0 FSI 2006... | Eos 2.0 TSi 2009... | Golf V 2.0 GTI 2004... | Golf VI 1.8/2.0 TSi 2009... | Passat 1.8 TSi 2007... | Passat 1.8 TSi 2009... | Passat 1.8 TSi 2010... | Passat 2.0 FSI 2007... | Passat 2.0 TFSI 2005... | Passat 2.0 TSi 2010... | Passat CC 1.8 TSi 2008... | Passat CC 2.0 TSi 2008... | Passat Variant 1.8 TSi 2010... | Passat Variant 2.0 TSi 2010... | Scirocco 2.0 TSi 2008... | Sharan 2.0 TSi 2010... | Tiguan 2.0 TFSI 2007...

## ALTERNADOR / Alternator

Audi: 06D903016 | 06H903017E | 06J903023C | 06B903016AE | 06B903016AF - Bosch: 0124315010 | 0124515059 | 0124525009 | 0124525088 | 0124615009 | 0986044340 | 0986046160 | 0986046180 | 0986044 910 - Lester: 11064 | 11070 | 23115 | 23116 | 23255 | 23256 - Seat: 06D903016A | 06J903023C | 06B903016AE  
Volkswagen: 06B903016 | 06B903016P | 06B903016Q | 06J903023C | 06B903016AB | 06B903016AC

## EQUIVALENTE / Equivalent

Audi: 06B903119B | 06B903119D - Bosch: F00M147731 | F00M147732 | F00M991108 | F00M991266 - Dayco: ALP2350 - Gates: OAP7044 - INA: F231142 | F23114201 | F23114205 | F23114208 - Luk: 535004110 - Ruville: 55721 - Seat: 06B903119B | 06B903119D - SKF: VKM03116 - Skoda: 06B903119B | 06B903119D  
Valeo: 593778 | 2549858 | 2604099 | 2604510 - Volkswagen: 06B903119B | 06B903119D

5449

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Fiat: 500 1.3 D Multijet (Alt. Valeo 90/105A) out/07 | 500C 1.3 D Multijet (Alt. Valeo 90/105A) 09/2009... | Doblo (119, 223) 1.3 JTD, 1.3 JTD 16V, 1.3 D Multijet, 1.3 JTD 16V Multijet (Alt. Valeo 90/105A) 05/2004... | Fiorino 1.3 D Multijet (Alt. Valeo 90A) 02/2008... | Grand Punto 1.3 D Multijet (Alt. Valeo 90/105A) 10/2005... | Idea 1.3 JTD (Alt. Valeo 90/105A) jan/04 | Linea 1.3 D Multijet (Alt. Valeo 90/105A) 06/2007... | Palio 1.3, 1.3 JTD Multijet (Alt. Valeo 90A) 06/2003... | Panda (169) 1.3 I JTD, 1.3 D Multijet, 1.3 D Multijet 4x4 (Alt. Valeo 90A) 09/2003... | Punto (188) 1.3 JTD (Alt. Valeo 75/105A) 06/2003...10/2005 | Punto Evo 1.3 JTD (Alt. Valeo 90/105/120A) 10/2009... | Siena 1.3 JTD (Alt. Valeo 90A) 09/2003... | Strada (178E) 1.3 D Multijet (Alt. Valeo 90/105A) 05/2006... - Lancia: Musa 1.3 Multijet, 1.3 D Multijet (Alt. Valeo 90/105A) 10/2004... | Ypsilon 1.3 JTD, 1.3 Multijet (Alt. Valeo 90A) 10/2003... - Opel: Agila 1.3 CDTI (Alt. Valeo 100A) 08/2003... | Astra H GTC 1.3 CDTI (Alt. Valeo 70/100A) 04/2005... | Combo 1.3 CDTI 16V (Alt. Valeo 70/100A) 10/2004... | Corsa C 1.3 CDTI, 1.3 CDTI 16V (Alt. Valeo 70/100A) 06/2003... | Meriva 1.3 CDTI (Alt. Valeo 70/100A) 09/2003...05/2010 | Tigra TwinTop 1.3 CDTI (Alt. Valeo 100A) 06/2004... - Suzuki: Ignis II 1.3 DDiS (Alt. Valeo 100A) 09/2003... | Splash 1.3 CDTI (Alt. Valeo 100A) 01/2008... | Swift III (SG) 1.3 DDiS (Alt. Valeo 100A) 08/2005... | Wagon R (MM) 1.3 DDiS (Alt. Valeo 100A) 09/2003...

## ALTERNADOR / Alternator

Fiat: 46823547 | 46835095 | 51718499 | 51784845 | 51784846 | 55185075 - General Motors/Chevrolet: 13117278 | 13117279 - Lancia: 51784844 - Lester: 20495 | 22795 | 22796 | 23325 | 23792 | 23922 | 23924 - Opel: 6204180 | 6204181 | 13283343 | 13283344 - Suzuki: 3140000 - Valeo: 437474 | 437497 | 437503 | 437504 | 439505 | 439524 | 2542670 | TG8S012 | TG9S010 | TG9S015 | 2542670A | 2542670B

## EQUIVALENTE / Equivalent

Cargo: 236995 | 332311 - Dayco: ALP2358 - Febi: 30029 - Fiat: 55186280 | 77362721 - Gates: OAP7039 - General Motors/Chevrolet: 93178273 | 93192631 - IKA: 335801 - INA: F2310102 | F2310101 | F2310102 | F2310103 | F2310101 | F2310103 | F2310104 - Litens: 600693 | 920693 - Luk: 535006310 - Opel: 1204392 | 1204517 - Suzuki: 3177185E00 - Valeo: 593860 | 2600161 | 2605442 - Vauxhall Opel: 1204392

5450

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Citroën: Berlingo 1.6, 1.6 HDi (55-80kW) 04/2008... | C2 1.6 HDi 09/2005... | C3 1.4, 1.6 16V HDi 2002... | C3 1.6 16V Hdi, 1.6 Hdi (66kW) 10/2005... | C3 1.6 Hdi (80kW) 02/2009... | C3 Picasso 1.6 HDi, 90, 110 2009... | C3 Pluriel 1.4 HDi 2004... | C4 1.6 HDi 90, 1.6 HDi 110 FAP, 1.6 HDi 110FAP 11/2004... | C5 1.6 Hdi 02/2008... | C5 2.0 Hdi 03/2001...08/2004 | C5 2.0 Hdi (66-80kW) 06/2001...08/2004 | C5 2.2 Hdi 03/2001... | C8 2.0 Hdi 07/2002... | Dispatch 2.0 Hdi 03/2000...10/2006 | Evasion 2.0 HDi 08/1999...07/2002 | Evasion 2.0 HDi 16V 09/1999...07/2002 | Jumpy 2.0 Hdi 03/2000... | Sinergie 2.0 Hdi 08/1999...07/2002 | Sinergie 2.0 HDi 16V 09/1999...07/2002 | XSara Picasso 2.0 HDi 12/1999... - Fiat: Ducato (230) 2.0 JTD 10/2001...04/2002 | Ducato (244) 2.0 JTD 04/2002... | Ducato 100 Multijet 2.2 D 07/2006... | Scudo (220) 1.9 D 04/1998... | Scudo (220) 1.9 D 12/1999... | Scudo 1.6 D Multijet, 2.0 D Multijet 01/2007... | Ulysse (179) 2.0 D Multijet (88-100kW) 05/2006... | Ulysse (179) 2.0 JTD (79kW) 05/2003... | Ulysse (179) 2.0 JTD (80kW) 08/2002... | Ulysse (179) 2.2 D Multijet, 2.2 JTD (94-125kW) 08/2002... | Ulysse (220) 2.0 JTD 10/1999...08/2002 - Ford: Galaxy 2.0 TDCi 05/2006... | Galaxy 2.2 TDCi 03/2008... | Mondeo IV 2.0 TDCi 03/2007... | Mondeo IV 2.2 TdCi 03/2008... | S Max 2.0 TdCi 05/2006... | S Max 2.2 TdCi 03/2008... - Lancia: Phedra 2.0 D (88kW) 06/2006... | Phedra 2.0 D Multijet (100kW) 07/2006... | Phedra 2.0 JTD, 2.2 JTD (79-80kW) 09/2002... | Phedra 2.2 JTD (94kW) 09/2002... - Land Rover: Freelander 2.2 TD4 (112kW) 01/2007... | Freelander 2.2, 2.2 TD4 (115-118kW) 10/2006... - Mini: Cooper D 03/2007... | One D 06/2009...07/2010 | R 55 1.6D 10/2007... Peugeot: 306 2.0 HDi 90 06/1999...04/2002 | 307 2.0 HDi 110, 2.0 HDi 110 FAP, 2.0 HDi 90 08/2000... | 406 2.0 Hdi 06/1998...04/2004 | 406 2.0 HDi 110 FAP 08/2001...10/2004 | 406 2.0 HDi 90 02/1999...10/2004 - Volvo: S80 II 2.0 TDI 02/2008... | V70 III 2.0 D 10/2007...

## ALTERNADOR / Alternator

BMW: 12317794970 | 12317806779 - Bosch: 0121615009 | 0121615021 | 0121615028 | 0121715024 | 0124525035 | 0124525126 - Fiat: 9646065480 - Ford: 1387927 | 1435647 | 1455494 | 1458640 | 6G9N10300XA | 6G9N10300XB | 7G9N10300EA | G9N10300ADB | 6G9N10300ADA | 6G9N10300ADB - Land Rover: LR002899 - Lester: 8531 | 20008 | 20013 | 21791 | 23301 | 23973 - Peugeot: 5705AS | 96460654 | 96463218 | 9646065480 | 9646321880 - Volvo: 8697585 | 30795169 | 36000223 | 36000798

## EQUIVALENTE / Equivalent

Bosch: F00M99121 | F00M147764 | F00M147766 | F00M147907 | F00M349814 | F00M991171 - Cargo: 234127 | 332305 - Dayco: ALP2357 - Fiat: 77362558 - Gates: OAP7080 - IKA: 335731 - INA: F2323694 | F2323695 | F2323697 | F2323698 | F23236904 | F23236905 | F23236907 | F23236908 - Luk: 535005910 - Ruville: 55966 SKF: VKM03302

5452

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Ford: Ranger 2.2 | Transit 2.2 TdCi, 2.4 TdCi, 3.2 TdCi 07/2006... | Transit Tourneo 2.2 - Land Rover: Defender 90, 110, 130 2.4 Td4 mai/07 - Mazda: BT-50 Pick Up 3.0 Toyota: Fortuner 3.0 | Hiace IV 2.5 D-4D 11/2001... | Hilux 2.5 D 4x4 08/2005... | Hilux 2.5 D-4D 06/2006... | Hilux Pick Up 2.5 D-4D, 2.5 D-4D 4x4, 3.0 D-4D 4x4 07/2012... | Hilux Pick Up 3.0 All-wheel Drive 4x4 (KUN26) 08/2005... | Land Cruiser Prado (J12) 3.0 D-4D (KDJ120) 01/2003...

## ALTERNADOR / Alternator

Bosch: 0121615003 | 0124315033 | 0124315034 | 0124315046 | 0125711018 | 0986047920 | F000BL0131 | F000BL0132 | F000BL01A1 | F000BL01A3 | F000BL0639 Ford: 1404792 | 1581844 | 6C1T10300 | 7H1210300 | 6C1T10300CA | 6C1T10300CB | 6C1T10300CC | 7H1210300AA | AB3910300AE - Land Rover: LR008856 | YLE500310 | 7H1210300AA - Lester: 11914 | 20035 | 20499 | 23977 - Lucas Indiel: LRA02558 - Toyota: 270600L030 | 270600L040 | 270600L050 | 270600L060 | 270600L150 | 270600L170B

## EQUIVALENTE / Equivalent

Bosch: F00M349878 | F00M391108 | F00M391121 | F00M391125 | F00M991221 | F00M991916 - Cargo: 235720 - IKA: 353381 - INA: F55617401 - Luk: 535012810 Mazda: U20118W10 - NTN: 370V11 - Toyota: 274150L020 | 274150L040

5453

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Citroën: Berlingo 1.6 HDi (55kW) abr/08 | Berlingo 1.6 HDi (80kW) 08/2005... | Berlingo 1.6 HDi 75,90,110 jul/05 | Berlingo 1.9 D (51kW) 07/1998... | C2 1.4 HDi (50kW) set/03 | C2 1.6 Hdi (80kW) 09/2005... | C3 1.4 Hdi, 1.4 16V HDi (50-66kW) 02/2002... | C3 1.6 16V Hdi (80kW) 09/2005... | C3 1.6 16V Hdi, 1.6 Hdi (66kW) 10/2005... | C3 1.6 Hdi (68kW) 11/2009... | C3 1.6 Hdi (80kW) 02/2009... | C3 1.6 Hdi (82kW) 11/2009... | C4 1.6 HDi 90, 1.6 HDi 110 FAP, 1.6 HDi 110FAP (66-80kW) 11/2004... | C4 2.0 HDi (110kW) 07/2009... | C4 2.0 HDi 135 FAP (100kW) 10/2006... | C5 1.6 Hdi (80kW) 9HY 09/2004... | C5 1.6 Hdi, 2.0 Hdi, 2.2 HDi (80-125kW) 9HZ 02/2008... | C6 2.2 HDi 173 FAP 06/2006... | C8 2.0 Hdi 03/2006... | C8 2.2 Hdi 06/2006... | Jumpy 1.6 HDi 90, 2.0 HDi 120, 2.0 HDi 140 01/2007... | XSara Picasso 1.6 HDi 05/2004... - Fiat: Ducato (230) 2.0 JTD (alt.9649611280/9646321780) 10/2001...04/2002 | Ducato (244) 2.0 JTD (alt.9649611280/9646321780) 04/2002... | Scudo (220) 1.9 D, 1.9 TD (51-68kW) (alt.9655733780) 02/1996... | Scudo (220) 1.9 D, 2.0 JTD (51kW) (alt.9655733780) 04/1998... | Scudo (220) 2.0 JTD (69-80kW) (alt.71733552) 12/1999... | Scudo (220) 2.0 JTD (69kW) (alt.71733552/71749232/71748885) 01/2004... | Scudo 1.6 D Multijet, 2.0 D Multijet (alt.71733552) 01/2007... | Ulysse (179) 2.0 D Multijet (88-100kW) (alt.71733552) 05/2006... | Ulysse (179) 2.0 JTD (79kW) (alt.71733552) 05/2003... | Ulysse (179) 2.0 JTD, 2.2 D Multijet, 2.2 JTD (80-125kW) (alt.71733552/71748885/9661544880) 08/2002... | Ulysse (220) 2.0 JTD (80kW) (alt.71733552) 10/1999...08/2002 - Lancia: Phedra 2.0 D Multijet (alt.71733552) 07/2006... | Phedra 2.0 JTD (alt.71733552) 09/2002... | Phedra 2.2 D Multijet (alt.71733552) 03/2008... | Phedra 2.2 JTD (alt.71733552) 09/2002... - Peugeot: 1007 1.4 Hdi, 1.6 Hdi (50-80kW) 04/2005... | 107 1.4 Hdi (40kW) 06/2005... | 206 1.4 Hdi, 1.6 HDi FAP 110 (50-80kW) 09/2001... | 207 1.4 Hdi, 1.6 Hdi (50-80kW) 02/2006... | 3008 1.6 Hdi (80kW) 06/2009... | 307 1.4 Hdi, 1.6 D, 1.6 Hdi, 1.6 HDi 110 FAP (50-80kW) 10/2001... | 308 1.6 Hdi (66-82kW) 09/2009... | 407 1.6 HDi 110 FAP (80kW) 05/2004... | 407 2.0 Hdi, 2.0 HDi 135 FAP, 2.2 Hdi, 2.2 HDi 170 FAP (93-125kW) 05/2004... | 5008 1.6 Hdi (80kW) 09/2009... | 607 2.0 Hdi (100kW) 09/2005... | 607 2.2 Hdi (98kW) 02/2000... | 807 2.0 Hdi (88-100kW) 06/2006... | 807 2.0 HDi FAP, 2.2 HDi FAP (79-94kW) 06/2002... | Bipper (AA) 1.4 Hdi 02/2008... | Expert 1.6 HDi 90 01/2007... | Expert 2.0 HDi 120, 2.0 HDi 140 01/2007... | Partner 1.6 Hdi 04/2008... | Partner 1.6 HDi 75, 1.6 HDi 90 02/2006...



5453

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## ALTERNADOR / Alternator

Citroën: 5702H0 | 5702H4 | 5702NA - Fiat: 2542693 | 2542832 | 71733552 | 71748885 | 71749232 | 9646321780 | 9649611280 | 9661544880 - Lester: 20029 | 20130 | 20256 | 20649 | 20653 | 20667 | 23301 | 24052 | 24053 | 24078 | 24079 | 24080 - Peugeot: 570200 | 5705AS | 5705AX | 5705EE | 5705EY | 5700000 - Valeo: 439502 | 542832 | TG9B026 | TG9B044 | FG18S017 | TG15C020 | TG15C028 | TG15C053 | 9655296080

## EQUIVALENTE / Equivalent

Gates: OAP7077 - IKA: 335791 - INA: F2365912 | F2365914 | F2365916 | F23659101 | F23659102 | F23659104 | F23659106 - Luk: 535006210 - SKF: VKM03305  
Valeo: 593832

5454

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 73

## APLICAÇÃO / Application / Aplicación

Opel: Astra G 1.7 CDTI 04/2003...01/2005 | Astra H GTC 1.7 CDTI 03/2005... | Astra H, Mk V 1.7 CDTI 03/2004... | Astra Mk IV 1.7 CDTI 04/2004... | Astra Mk IV 1.7 CDTI 16V 04/2003... | Combo 1.7 CDTI 16V, 1.7 DTI 16V 12/2004... | Corsa C 1.7 CDTI, 1.7 SE 06/2003... | Corsa Mk II 1.7 CDTI 04/2004... | Meriva 1.7 CDTI 09/2003...05/2010 | Meriva 1.7 CDTI 16V 04/2004...08/2005 - Vauxhall: Astra Mk IV 1.7 CDTI 16V 04/2003... | Astra Mk V 1.7 CDTI 03/2004... | Astravan Mk IV 1.7 CDTI 04/2004... | Combo 1.7 CDTI 16V 12/2004... | Corsa Mk II 1.7 CDTI 16V 04/2004... | Meriva 1.7 CDTI 16V 04/2004...08/2005

## ALTERNADOR / Alternator

General Motors/Chevrolet: 93175799 | 93175944 | 97189113 | 97355198 | 97363832 | 97363833 | 97369507 | 97369508 | 98056439 | 98056440 - Isuzu: 8971891133 | 8971891134 | 8971891135 - Lester: 21382 | 23802 | 23804 | 24092 | 24094 | 24095 - Opel: 1204158 | 1204618 | 1204619 | 6204183 | 6204197 | 6204198 | 6204199 | 6204200 | 6204287 - Remy: DRA3794N

## EQUIVALENTE / Equivalent

Cargo: 238690 | 332314 - Gates: OAP7037 - General Motors/Chevrolet: 97186700 | 97355778 - Hitachi: GD218089 | GD2180891 - IKA: 353281 - INA: F232353 | F240113 | F2323531 | F23235303 | F24011301 - Luk: 535006510 - Opel: 1204366 | 6204889 - Remy: 10511026 - SKF: VKM03508

5455

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: S10 2.5 Flex 2017 - Opel: Astra G 1.4i, 1.4 16V, 1.6 16V, 2.0i Cabrio, Caravan 02/1998...01/2005 | Astra G 1.6 02/1998...09/2000 | Astra G 1.6 16V, 1.8 16V, 2.0 16V, 2.0 16V OPC 02/1998...10/2005 | Astra G 1.6, 1.6 CNG 09/2000...04/2005 | Corsa 1.4i / 1.8i 16v 09/2000... | Signum 1.8i 05/2003... | Vectra C, GTS 1.6, 1.6 16V, 1.8, 1.8 16V Caravan 04/2002... | Zafira 1.6 01/2006... | Zafira 1.6 16V, 1.8 16V 04/1999...06/2005 | Zafira 1.6, 1.6 CGN 09/2001...06/2005 - Vauxhall: Astra MK III 1.4i 16V, 1.6 01/1996...03/2001 | Astra MK IV 1.4i 16V, 1.6 16V, 1.8 16V, 1.8 16V Dualfuel, 1.9, 2.0 16V 02/1998... | Astra MK V 1.8 02/2005... | Astra Van MK IV 1.6i 09/2000... | Corsa 1.4i 16V 01/1998... | Vectra 1.6i 16V 10/1995... | Vectra Mk II 1.6 16V, 1.8 16V, 1.8 16V Dualfuel 04/2002...07/2008 | Zafira 1.6 16V 04/1999... | Zafira 1.8 16V 05/1999...08/2005

## ALTERNADOR / Alternator

Bosch: 0124425009 | 0124515004 | 0124515031 | 0126312007 | 0126312008 | 0126312089 | 0126312090 | 0126312101 | 0126312102 | 0126312119 | 0986042800 | 0986046150 | F000BL07AD | F000BL07AE - General Motors/Chevrolet: 6204095 | 6204158 | 52075443 | 52140287 - Holden: 9195336 | 13147093 | 13156054 - Lester: 23296 - Lucas Indiel: LRA2295 | LRA02295 - Opel: 9117936 | 9173572 | 9195336 | 9512794 | 52075443 | 90561972 | 93175808 | 93175957 | 93177834 - RCP: 13156054  
Valeo: 437611 - Vauxhall: R1530025

## EQUIVALENTE / Equivalent

Bosch: F00M699408 | F00M991076 | F00M991128 - Cargo: 236762 - Gates: OAP7031 - General Motors/Chevrolet: 09195337 | 12638803 | 93170214 - IKA: 335711  
Litens: 920501 - Luk: 535017210 | 535033310 - Opel: 1204376 | 1204412 | 12638803 - Ruville: 55381 - SKF: VKM03504

5456

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

BMW: 116i, 118i, 120i (E87) (alt. 110A) 09/2004... | 118i, 120i (E88) (105-125kW) 03/2008... | 3 2.0 (E92) 11/2006...06/2007 | 3 series 2.0 (alt.1231 7 516 099) 06/2005... | 316Ci, 316i (E88) 04/2000... | 316Ci, 318Ci Coupe (E46) 04/1999... | 316Ci, 318Ci Touring (E46) 10/1999...02/2005 | 316i (E90) 02/2006... | 316i, 316 ti (E88) 06/2002...02/2005 | 316ti, 318ti Compact (E46) (alt. 110A) 06/2001...02/2005 | 318Ci (E88) (110kW) 02/2005... | 318Ci Convertible (E46) 04/2000... | 318Ci, 318i, 318ti (E88) (105kW) set/01 | 318i (E90) (105kW) 09/2009... | 318i (E90) (95kW) 09/2005... | 320i (E90) 01/2005... | 520i (E60/E61) 09/2009... | Z4 2.0i (E85) 04/2005...

## ALTERNADOR / Alternator

BMW: 12317521488 | 12317521489 | 12317532964 | 12317532968 | 12317533268 | 12317533272 - Bosch: 4613 | 4627 | 4724 | 0124325030 | 0124325045 | 0124325062 | 0124325072 | 0124325087 | 0124325116 | 0986046130 | 0986046270 - Lester: 23249 | 23251 - Lucas Indiel: LRA2263 | LRA2336 | LRA02251 | LRA02263 | LRA02336  
Steyr: 7532968 - Valeo: 437435 | 437449 | 439476 | 2542753 | SG11B010 | SG14B017

## EQUIVALENTE / Equivalent

BMW: 11314466271 | 12317516099 | 12317552352 - Bosch: 0124A00238 | F00M147193 | F00M147747 | F00M991142 | F00M991273 | F00M991918 - Cargo: 233530  
Febi: 31729 - Gates: OAP7054 - Hutchinson: DB0267 - IKA: 335841 - INA: F236566 | F2365661 | F2365662 | F23656601 | F23656602 | F23656603 - Luk: 535007510  
SKF: VKM03870 - Swag: 20931729

5457

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Ford: Fiesta V 1.4 TdCi (JH,JD) 11/2001... | Fiesta Van 1.4 TdCi 10/2003... | Fusion 1.4 TdCi (JU) 08/2002... | Ikon Sedan 1.4 TDCi 01/2003...03/2010 - Mazda: Demio 1.4 CD 04/2003...

## ALTERNADOR / Alternator

Bosch: 0986049151 - Ford: 1140135 | 1303447 | 1464756 | 1464788 | 1477856 | 1477859 | 2S6T10300AA | 2S6T10300AB | 3S6T10300AA | 3S6T10300AB | 3S6T10300AC - Lester: 8528 | 8531 - Lucas Indiel: LRA02338 - Mazda: Y40118300 - Remy: DRA4247

## EQUIVALENTE / Equivalent

Cargo: 235503 - IKA: 353311 - INA: F235492 | F556614 | F2354921 | F2354922 | F23549202 | F55661401 - Luk: 535009010 - Visteon: VP2PSU10A352BA | VP2PSU10A352CA

5458

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

BMW: 116i,118i, 120i (E87) (alt. 150A) 09/2004... | 118i (E87) (alt. 150A) 04/2007... | 120i, 125i (E88) 03/2008... | 125i 10/2007... | 130i 09/2005... | 3 series 2.0 (alt. 1231 7 516 103) 06/2005... | 316i,318i, 320i,323i, 325i, 330i, 325xi, 330xi, 320si (E90) Saloon 05/2001... | 316ti, 318ti Compact (E46) 06/2001...02/2005 | 316ti, 318ti Touring (E46) 10/1999...02/2005 | 523i, 525i, 530i, 525xi, 530xi (E61) Touring 06/2004... | 630i, 630i Convertible (E63/E64) 09/2004... | 730 i,Li 3.0 (E65/E66) 03/2005... | X3 (E83) 2.0i jul/05 | X3 (E83) 2.5si, 3.0si 09/2006... | X5 3.0 si (E70) 02/2007... | Z4 (E85) 2.0i (110kW) 04/2005... | Z4 (E85) 2.5i, 2.5Si, 3.0Si (130-195kW) 01/2006... - Lotus: Exige 1.8 265 E 08/2006...

## ALTERNADOR / Alternator

BMW: 12314487081 | 12317516101 | 12317516723 | 12317521176 | 12317521177 | 12317521384 | 12317521490 | 12317521491 | 12317532965 | 12317532966 | 12317532969 | 12317532970 | 12317542529 | 12317543083 | 12317550967 | 12317551254 | 12317551256 | 12317555926 - Bosch: 0121615010 | 0121715012 | 0124515098 | 0124525042 | 0124525045 | 0124525048 | 0124525059 | 0124525083 | 0986047240 - Lester: 11077 | 11300 | 11301 | 23253 | 23254 | 23257 | 23775 - Steyr: 7532969

## EQUIVALENTE / Equivalent

BMW: 12317516103 | 12317552353 | 12317560483 - Bosch: F00M147746 | F00M147914 | F00M349820 | F00M349898 | F00M391122 | F00M391159 | F00M991141 | F00M991301 | F00MA47701 - Cargo: 234169 - Dayco: ALP2362 - Febi: 31743 - Gates: OAP7111 - IKA: 33591 1 - INA: F236528 | F23652801 | F23652802 | F23652803 | F23652804 | F23652806 | F23652807 - Luk: 535008210 | 535018310 - Ruville: 59929 - SKF: VKM03872 - Swag: 20931743

5459

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Hyundai: H 1 2.5 CRDi 12/2002... | H 100 / Porter Pick Up/ Starex 2.5 | H 200 Box 2.5 CRDi 08/2003... | H 200 Bus 2.5 CRDi, 2.5 CRDi 4WD 12/2002... - Kia: Sorento 2.5 CRDi 08/2002...

## ALTERNADOR / Alternator

Hyundai: 373004A001 | 373004A002 | 373004A003 - Kia: 373004A110 | 373004A111 | 373004A112 | 373004A113 - Lester: 23790 | 23791 - Mando: AF111382 | AF111393 - Valeo: 2605359

## EQUIVALENTE / Equivalent

Hyundai: K406701 | 373214A000 - IKA: 335891 - INA: F2327741 | F2327743 | F2327744 | F2327745 | F23277401 | F23277403 | F23277404 | F23277405 - Kia: 406607 | 373224A000 | 373224A001 - Luk: 535007910 - SKF: VKM06404 - Valeo: 2655703 | K406701

5460

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Hyundai: Elantra / Avante (XD), Trajet (FO) 2.0 CRDi 04/2001... | I30 2.0 CRDi 10/2007... | Santa Fé 2.0 CRDi 04/2001... | Santa Fé 2.2 CRDi, 2.2 CRDi GLS 03/2006... | Sonata V/Embera 2.0 CRDi 02/2006... | Tucson 2.0 CRDi 08/2004... - Kia: Carens II 2.0 CRDi 07/2002... | Cerato | Cerato 2.0 CRDi 04/2004... | Lotze 2.0 CRDi 06/2004... | Sportage 2.0 CRDi 09/2004...

## ALTERNADOR / Alternator

Hyundai: 3730027011 | 3730027012 | 3730027013 - Kia: 3730027011 | 3730027012 - Lester: 23098 | 24027 - Lucas Indiel: LRA02104 - Poong Sung: 21319110 | 21319111 | 21319112 | 21319311 - Remy: DRA4174 - Valeo: 440119

## EQUIVALENTE / Equivalent

Cargo: 233990 | 332304 - Denso: 710110750 | 720110750 - Gates: OAP7073 - Hyundai: 21319110 | 3732227010 | 3732227012 - IKA: 335641 - INA: F233970 | F2339703 | F2339704 | F2339705 | F23397002 | F23397003 | F23397004 | F23397005 - Kia: 3732227010 | 3732227012 - Luk: 535004610 - Poong Sung: 720110750  
SKF: VKM06501

5461

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: C 230 Kompressor 02/2004... | C class 160/180/200/230 Kompressor, C 200 CGI 05/2002... | C, CLK 200 CGI, CGI Kompressor 07/2003... | CLC 180 Kompressor 05/2008... | CLK 200 Kompressor 09/2002... | E 200 Kompressor, E200 NGT, E 200 CGI 11/2002... | SLK 200 Kompressor 03/2004... | Sprinter 3,5-T 224, 324, 524 06/2006... | Viano 3.5 126 09/2009...

## ALTERNADOR / Alternator

Bosch: 0124515062 | 0124515088 | 0124615022 | 0124615028 - Lester: 11066 | 13954 | 23285 - Mercedes Benz: 121540602 | 2711540102 | 2711540202 | 2711540602 | 2711540802 | 2711540902 | 2711541002 - Valeo: SG12B062

## EQUIVALENTE / Equivalent

Bosch: F00M391160 | F00M991138 | F00M991302 - Cargo: 234793 | 332306 - Dayco: ALP2366 - Febi: 21684 - Gates: OAP7056 - IKA: 335681 - INA: F2320012 | F2320014 | F2320017 | F2320018 | F2320019 | F23200102 | F23200104 | F23200106 | F23200107 | F23200108 | F23200109 - Luk: 535004210 - Mercedes Benz: 2711540902 | 2711550016 | 2711550115 - SKF: VKM03829 - Valeo: 593625

5462

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Ford: C Max 1.8 TdCi 02/2007... | Focus 1.8 TdCi 03/2001...11/2004 | Focus C Max 1.8 TdCi 01/2005...03/2007 | Focus II 1.8 TdCi 11/2004... | Galaxy, S-Max 1.8 TdCi 05/2006... | Mondeo IV 1.8 TdCi 03/2007... | Tourneo Connect 1.8 Di, 1.8 TdCi, 1.8 Turbo Di 06/2002... | Transit Connect 1.8 Di, 1.8 TdCi, 1.8 TdCi DPF 06/2002...

## ALTERNADOR / Alternator

Ford: 1144182 | 1144183 | 1201206 | 1219711 | 1221059 | 1301377 | 1307487 | 1450641 | 1M5T10300BB | 1M5T10300BC | 1M5T10300BD | 98AB10300JE | 98AB10300JF | 98AB10300JG | R1M5T10300BD | R98AB10300JC - Lester: 20142

## EQUIVALENTE / Equivalent

Cargo: 235494 | 332309 - Ford: 5M5Q10344AA | 5M5Q10344AB - Gates: OAP7051 - IKA: 335931 | 353171 - INA: F233608 | F2336081 | F2336082 | F2336083 | F23360801 | F23360802 | F23360803 - Litens: 920606 | 111020A - Luk: 535009810 - Ruville: 55293 | 55294 - SKF: VKM03402

5463

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: C 200 CDI, C 220 CDI 02/2001... | CLC 220 CDI 05/2008... | CLK 220 CDI 01/2005... | E 200 CDI 07/2002... | E 200 CDI, E 200 CDI, E 220 T CDI 04/2006... | E 270 CDI 03/2002... | E 280 CDI, E 320 CDI 11/2002... | S 320 CDI 09/2002...08/2005

## ALTERNADOR / Alternator

Bosch: 014154002 | 0124625002 | 0124625014 | 0124625019 | 0124625033 | 0124625045 | 0131540002 | 0131545902 | 0131549002 | 0141540702 | 0986045420  
Lester: 11216 | 20036 | 20756 | 23269 - Mercedes Benz: 121549802 | 131540002 | 131545902 | 141540702

## EQUIVALENTE / Equivalent

Bosch: F00M349827 | F00M991181 | F00M991255 - Cargo: 234796 | 332308 - Dayco: ALP2379 - Gates: OAP7046 - IKA: 353141 - INA: F235968 | F2359683 | F2359685 | F2359686 | F2359687 | F2359688 | F2359689 | F23596801 | F23596803 | F23596805 | F23596806 | F23596807 | F23596808 | F23596809 | F23596810 - Luk: 535008610 - Mercedes Benz: 6461500260 | 6461500360 | 6481550015 - Ruville: 55177 - SKF: VKM03820

5464

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Ford: Focus C Max 1.8 04/2004...03/2007 | Focus C Max 1.8 FFV 01/2006...03/2007 | Focus C Max 2.0 04/2004...03/2007 | Focus II 1.8 FFV, 1.8 Flexifuel 01/2006... | Focus II 2.0 11/2004... | Galaxy 2.0 05/2006... | Mondeo III 1.8 16v 11/2000...08/2007 | Mondeo III 1.8 SCi 06/2003...08/2007 | S Max 2 2.0 Flexifuel 05/2006... - Volvo: C30 1.8, 1.8 FlexFuel, 2, 2.0 FlexFuel 10/2006... | S40 1.8, 1.8 FlexFuel, 2.0 01/2004... | V50 1.8, 1.8 FlexFuel, 2, 2.0 FlexFuel abr/04

## ALTERNADOR / Alternator

Denso: 1042103761 - Ford: 1120213 | 1140694 | 1151213 | 1256552 | 1379699 | 1469391 | 1ST10300CB | 1ST10300CC | 1ST10300CD | 3M5T10300VC | 3M5T10300VD | 6G9N10300ABA | 6G9N10300ABC - Lester: 23839 | 24070

## EQUIVALENTE / Equivalent

Cargo: 237619 | 332312 - Denso: 1042103761 - IKA: 353971 - INA: F570680 - Koyo: WCPN36RCX | WCPN36RDX - Luk: 535018210 - Ruville: 59925 - SKF: VKM03410

5466

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Hyundai: Terracan (HP) 2.9 CRDi, 2.9 CRDi 4WD 11/2001... - Kia: Carnival (UP) 2.9 TD 08/1999...10/2001 | Carnival II 2.9 CRDi, 2.9 TD 10/2001... | Sedona (GO) 2.9 TD, 2.9 CRDi 10/2001... | Sedona (UP) 2.9 TD 08/1999...10/2001

5466

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## ALTERNADOR / Alternator

Hyundai: 373004X500 | 373004X501 | 373004X502 | 373004X503 - Kia: 373004X000 | 373004X001 | 373004X002 | OK55418300 | OK55218300B | OK55318300A  
Lester: 23152 | 23153

## EQUIVALENTE / Equivalent

Cargo: 230527 - Gates: OAP7093 - IKA: 335561 - INA: F231618 | F23161801 | F23161802 | F23161804 | F23161805 - Kia: OK55418W11 | 373214X210 | 373214X300  
| 373214X301 | 373224X000 | OK55218300B - Luk: 535003410 - Poong Sung: 720110740 - SKF: VKM06400 - Valeo: 2655702 - Valeo Korea: K406700

5467

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Dacia: Duster 1.5 dCi 04/2010... | Logan 1.4, 1.4 Bifuel, 1.6, 1.6 LPG 09/2004... | Logan 1.5 dCi 09/2005... | Logan 1.6 CNG 04/2007... | Logan Express 1.4, 1.6, 1.5dCi  
03/2009... | Sandero 1.4, 1.6 06/2008... | Sandero 1.5 dCi 11/2008... - Nissan: Almera II 1.5 dCi 01/2003... | Kubistar 1.5 dCi 08/2003... | Micra 1.5 dCi 01/2003... | Note 1.5 dCi  
03/2006... | NV200 1.5 dCi 02/2010... | Tiida 1.5 dCi, 1.8 09/2009... - Renault: Clio II 1.4 16V 10/1999... | Clio II 1.5 D, 1.5 dCi (50kW) 04/2004... | Clio II 1.5 dCi (47kW)  
06/2005... | Clio II 1.5 dCi (48kW) 06/2001... | Clio II 1.5 dCi (74kW) 01/2004... | Clio II 1.5 dCi, 1.5 dCi (59-62kW) 06/2001... | Clio II 1.6 11/2003... | Clio II 1.6 16V 09/1998... |  
Kangoo 1.4 (55kW) 08/1997... | Kangoo 1.5 dCi (42-48kW) 12/2001... | Kangoo 1.5 dCi (50kW) 06/2005... | Kangoo 1.5 dCi (60-62kW) 07/2002... | Kangoo 1.6 (66kW)  
09/1999...06/2001 | Kangoo 1.6 16V (70kW) 06/2001... | Kangoo 1.6 16V bivalent (60kW) 06/2005... | Laguna 1.6 16V 05/1998...01/2001 | Laguna 1.8 05/1998...01/2001 |  
Laguna II 1.6 16V, 1.9 dCi 03/2001... | Logan 1.4, 1.6 09/2004... | Logan 1.5 dCi 04/2007... | Megane I 1.4 09/1996... | Megane I 1.4e, 1.4 16V, 1.6 16V 03/1999... | Megane I 1.4i  
01/1996... | Sandero 1.4, 1.6 02/2009... | Scenic I 1.4 16V, 1.6, 1.6 16V 09/1999...08/2003 | Thalia 1.4, 1.4 16V 08/2000... | Thalia 1.5 dCi (47kW) 06/2005... | Thalia 1.5 dCi  
(48kW) 04/2002... | Thalia 1.5 dCi (50kW) 02/2003... | Thalia 1.5 dCi, 1.5 dCi RT (59-60kW) 06/2001... | Twingo 1.5 dCi (CNOU) (Alt. Valeo 120A) 04/2008... | Twingo 1.5 dCi  
(CNOE) 03/2007... | Twingo 1.5 dCi 75, 1.5 dCi 90 10/2010...

## ALTERNADOR / Alternator

Bosch: 4185 | 4277 | LRB460 | 0124325185 | 0124415007 | 0124415013 | 0124415014 | 0124415040 | 0124415041 | 0124425034 | 0124525028 | 0986041850 |  
0986042720 | 0986042770 | 0986047360 - Dacia: 7701473636 | 7701476809 | 7701477712 - Lester: 20135 | 20355 | 20453 | 20608 | 20610 | 20638 | 20967 | 20972 |  
23893 | 23975 - Lucas Indiel: LRB00460 - Melco: A002TC0982 - Nissan: 2310000Q0D | 2310000Q2C | 2310000QA9 | 2310000QBB | 2310000QBH | 23100BN700 |  
23100BN701 | 23100BN704 | A002TC0981 - Renault: 7700101274 | 7700421477 | 7700429217 | 7700429310 | 7700434899 | 7700434900 | 7701473636 | 7701473637 |  
7701474326 | 7701476809 | 7701477694 | 7701477710 | 7701477711 | 7701477712 | 8200019706 | 8200030635 | 8200122976 | 8200323137 | 8200537415 | 8200660040 |  
8200667608 | 8200667609 | 8800030635 | 8800385098 | 8800386806 - Valeo: 437311 | 437558 | 437559 | 437622 | 439561 | 439584 | 440062 | SG9B033 | 2542420A |  
2542420B | 2542420C | 2542548A | SG10B016 | SG10B020 | SG12B089 | SG12B105 | TG11C034 | TG11C064

## EQUIVALENTE / Equivalent

Bosch: 0124325031 | F00M147906 | F00M991054 | F00M992723 - Cargo: 231584 | 333025 - Gates: OAP7106 - Hutchinson: D7512RA - INA: F557755 | F5501814 |  
F5501815 | F55018103 | F55018104 | F55018105 - Luk: 535010510 | 535011710 - Renault: 110616 | 7700110616 | 7701477689 | 8200548796 - Valeo: 595210 |  
2602881 | 2604211

5492

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Mazda: 2.2 3 08/2002... | 6 1.8 08/2002... - Nissan: Interstar dCi 100, dCi 120 2.2 dCi, 2.5 dCi 07/2002... | Primastar dCi 150 09/2006... - Renault: Captur (J5,H5) 06/2013... |  
Grand Scenic 2.0 dCi 09/2005... | Laguna II 1.9 dCi 05/2005... | Master II 2.5 dCi 08/2006... | Megane II 1.9 / 2.0 dCi, 2.0 dCi Dynamic 09/2005... | Scenic II 2.0 dCi 09/2005... |  
Trafic II 1.9 dCi 03/2001...

## ALTERNADOR / Alternator

Bosch: 0124425018 | 0124425074 | 0124425114 | 0124525076 | 0124525137 | 0124525537 | 0986048040 | F000BL04C3 | F000BL04C4 | F000BL04C5 | F000BL04C6 |  
F000BL07AS | F000BL07AT | F000BL07AU | F000BL07AV | F000BL07YC | F000BL07YD | F000BL07ZU | F000BL07ZV | F000BL0814 | F000BL0841 | F000BL08A5 |  
F000BL08D0 - General Motors/Chevrolet: 93169474 | 93189013 | 93198275 - Lester: 20552 | 20594 | 20609 | 20641 | 23542 | 24044 | 24172 - Mercedes Benz:  
A4539063900 | A4539064000 | A4539064100 - Nissan: 231000057R | 2310000Q0H | 2310000Q2E | 2310000Q4K | 2310000Q5F | 2310000Q5J | 2310000Q5K |  
231000803R | 231001568R | 231001910R | 231002243R | 231002854R | 231003071R | 231004784R | 231004BE0B | 231005079R | 231005424R | 231005FN3A |  
231006007R | 231007813R | 231008593R | 231009350R | 231009362R | 231009383R - Opel: 1204192 | 4416689 | 4434149 - Renault: 8200251006 | 8200356669 |  
8200660022 | 8200660822 | 8200726639 | 8200901783 - Smart: 4539063900

## EQUIVALENTE / Equivalent

Bosch: F00M147807 | F00M147831 | F00M147936 | F00M991216 | F00M991231 | F00M991293 - Cargo: 238734 - Cobra: 2240 - Dayco: ALP2371 - Gates: OAP7110  
IKA: 353261 - INA: F2385125 | F23851202 | F23851203 | F23851205 | F23851206 - Luk: 535008110 - Renault: 7701062985 - SKF: VKM03601

5493

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Audi: A1 1.2 TFSI 05/2010... | A3 (8P1, 8PA) 1.2 TSI 04/2010... | A3 (8P1, 8PA) 1.4 TFSI 09/2009... | A3 1.2 TSI 03/2010... - Seat: Altea 1.2 TSI 04/2010... | Altea 1.4 TSI 11/2007... | Ibiza V 1.2 TSI 09/2010... | Ibiza V 1.4 TSI 06/2009... | Ibiza V 1.6 TDI 05/2009... | Ibiza V 2.0 TDI 01/2010... | Leon 1.2 TSI 02/2010... | Leon 1.4 TSI 11/2007...  
Skoda: Fabia 1.2 TSI 03/2010... | Fabia 1.4 TSI 05/2010... | Octavia 1.2 TSI 05/2010... | Octavia 1.4 TSI 11/2008... | Roomster 1.2 TSI 03/2010... | Superb 1.4 TSI 07/2008... | Yeti 1.2 TSI 09/2009... | Yeti 1.4 TSI 06/2010... - Volkswagen: Beetle 1.2 TSI, 1.4 TSI (5C1, 5C7) 04/2011... | Caddy 1.2 TSI 09/2010... | Cross Up 1.0 EA211 2014... | Eos 1.4 TSI 11/2007... | Fabia 1.4, 1.6 12/2008... | Fox 1.0 EA211 2013... | Fox 1.6 EA211 2014... | Golf Plus V 1.2 TSI 11/2009... | Golf Plus V 1.4 FSI, 1.4 TSI 11/2005... | Golf Plus V 1.4 TSI 05/2007... | Golf Plus V 1.4 TSI 06/2007... | Golf VI 1.2 TSI 05/2009... | Golf VI 1.4 TSI 10/2008... | Jetta III 1.4 TSI 07/2006... | Jetta III 1.9 TDI 08/2005... | Lávada 1.4 TSI 10/2009... | Passat 1.4 FSI 05/2007... | Passat 1.6 FSI 03/2005... | Polo 1.2 TSI 11/2009... | Polo 1.4 GTI 05/2010... | Scirocco 1.4 TSI 09/2008... | Sharan 1.4 TSI 05/2010... | Superb 2.0 08/2009... | Tiguan 1.4 TSI 08/2010... | Touran 1.2 TSI 05/2010... | Touran 1.4 TSI 02/2006... | Up 1.0 EA211 2014... | Up TSI 1.0 3Cil. EA211 2015... | UP! 1.0 EcoFuel 08/2011...

## ALTERNADOR / Alternator

BMW: 12317628243 - Bosch: 0124525038 | 0124525074 | 0124525093 | 0124525188 | 0124525200 | 0124525201 | 0124625040 | 0125811026 | 0125811088 | 0125811113 | 0125811114 | 0125812002 | 0125813009 | F000BL04K7 | F000BL04K8 | F000BL04R1 | F000BL04R2 | F000BL0602 | F000BL0603 | F000BL0663 | F000BL0664 | F000BL0741 | F000BL07N1 | F000BL0801 | F000BL0802 | F000BL0818 | F000BL0863 | F000BL0864 | F000BL08A1 | F000BL08C8 | F000BL08J1 | F000BL08J2 | F000BL08K5 | F000BL08K6 - Lester: 20146 | 20147 | 20148 | 20149 | 20414 | 20588 | 20801 | 20881 | 20886 | 23914 | 23950 | 24117 | 24118 - Valeo: 2625918 | TG9S132 | TG11C048 | TG11C086 | TG14C012 | TG14C027 | TG14C028 - Volkswagen: 03C903023A | 03C903023C | 03C903023G | 03C903023S | 03C903023T | 03C903025D | 03F903023D | 03F903023E | 03F903023F | 04C903023C | 04C903023J | 04C903023P | 03C903023AX | 03C903023SX

## EQUIVALENTE / Equivalent

Bosch: F00M147800 | F00M599423 | F00M991204 - Cargo: 235506 - Gates: OAP7090 - IKA: 353231 - INA: F240139 | F572716 | F576346 | F2401391 | F2401392 | F2401393 | F2401394 | F24013902 | F24013902 | F24013903 | F24013904 | F24013905 - Lester: 79202223 - Luk: 535009510 | 535015510 - Ruvilla: 56324 - Seat: 03C903119A | 03C903119C | 03C903119F - SKF: VKM03118 - Valeo: 501528 | 588018 | 2602484 | 2612626

5494

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 74

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: CLS 320 CDI 01/2005... | CLS 350 CDI 04/2009... | E 280 CDI, E 300 BLUETEC, E 320 CDI, E 320 T CDI 03/2005... | E 350 BlueTEC, E 350 CDI 01/2009... | E 400 CDI 02/2003... | G 400 CDI 12/2000... | GL 320 CDI, GL 350 CDI 09/2006... | GL 350 CDI BlueTEC (Alt. Bosch 220A) 12/2009... | M 280 CDI, ML 300 CDI, M 320 CDI, ML 350 CDI 07/2005... | ML 350 CDI BlueTEC 09/2009... | ML 400 CDI 09/2001...06/2005 | R 280 CDI, R 300 CDI 05/2006... | R 320 CDI, R 350 CDI 01/2006... | R 350 (Alt. Bosch 220A) 07/2009... | S 320 CDI 12.2005... | S400 CDI 06/2000...08/2005

## ALTERNADOR / Alternator

Bosch: 0124625040 - Lester: 11306 | 11307 | 11445 | 23964 - Mercedes Benz: 1501950 | 1502250 | 131546402 | 131547002 | 141541302 | 6281540102

## EQUIVALENTE / Equivalent

Bosch: F00M349826 | F00M391110 | F00M391146 | F00M991157 - Cargo: 235697 - Dayco: ALP2365 - Gates: OAP7065 - INA: F236127 | F2361271 | F2361272 | F2361273 | F2361274 | F2361275 | F2361276 | F23612701 | F23612702 | F23612703 | F23612704 | F23612705 | F23612706 - Luk: 535008410 - Mercedes Benz: 6281500060 | 6421500062 | 6421500860

5495

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Ford: Metrostar 2.5 10/2000...02/2007 | Mondeo 2.5 V6 24V 11/2000...08/2007 | Mondeo 3.0 V6 24V 09/2004...08/2007 | Mondeo ST 220 (motor 3.0 V6) 04/2002...08/2007

## ALTERNADOR / Alternator

Ford: 2S7T10300AA - Lester: 23985 | 24002 | 24004 - Valeo: 439483

## EQUIVALENTE / Equivalent

Cargo: 235479 - Dayco: ALP2359 - IKA: 335821 - INA: F237481 | F2374811 | F2374812 | F23748101 | F23748102 - Luk: 535006410 - SKF: VKM03414 - Valeo: 593782 | 2601593

5496

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 159 2.4 JTDM, 2.4 JTDM Q4 09/2005... | Brera 2.4 JTDM 20V 01/2006... | Spider 2.4 JTDM 04/2007... - Fiat: Croma 2.4 D Multijet 06/2005... - Mercedes Benz: 160, 180, 200

## ALTERNADOR / Alternator

Denso: 1042102780 | 1042105020 - Fiat: 50500728 | 51734825 - Lester: 24086 - Lucas Indiel: LRA03084 - Remy: DRA0371

## EQUIVALENTE / Equivalent

Alfa Romeo: 77364148 - Cargo: 235696 - Denso: 0210401570 - Gates: OAP7091 - IKA: 353551 - INA: F2399122 | F2399123 | F23991201 | F23991202 | F23991203 - Luk: 535010710 - SKF: VKM03202

5497

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Ford: Ford Crown Victoria 4.6, 4.6 Sport Supercharged 05/1998...04/2005 - Mercury: Grand Marquis 4.6 GS, 4.6 LS 10/1999... | Marauder 4.6 2003...2004

## ALTERNADOR / Alternator

Ford: 3W3U10300AA | 3W3Z10346AA - Lester: 8314 | 8436 - Motorcraft: GL547

## EQUIVALENTE / Equivalent

Ford: VP3W3U10A352AA - INA: F233591 | F23359102 - Luk: 535016210 - Mercury: VP3W3U10A352AA - Mercury USA: VP3W3U10A352AA - Visteon: VP3W3U10A352AA

5498

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

GMC: Sierra 6.6 DSL 2006...2007 | Topkick 8.1 2003...2005

## ALTERNADOR / Alternator

Delphi: AD237 | 3211739 | 3211829 | 3211869 | 3342485 - Lester: 8241 | 8293 | 8299 | 8498 | 8499 | 84913 - Saab: 15288860

## EQUIVALENTE / Equivalent

Cargo: 230526 - Delphi: 10484670 - IKA: 335371 - INA: F230753 | F2307531 | F2307533 | F2307536 | F5547652 | F5547653 | F23075301 | F23075303 | F23075306 | F55476502 | F55476503 - Luk: 535003310

5499

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Ford: Escape (Sport Utility) 2.3 16V, 2.3 16V Electric/Gas 01/2005...12/2007 | Tribute 2.3 All-wheel Drive 07/2006... | Tribute 2.3 AWD 04/2004... | Tribute 2.3, 2.3 GX, 2.3 AWD 12/2003... | Tribute (Sport Utility) 2.3 16V 01/2005...12/2006

## ALTERNADOR / Alternator

Ford: 5L8T10300MA | 5L8T10300MC | 5S4T10300DA | 5S4T10300DB | 5S4T10300DC | 5S4Z10346DA | 5S4Z10346DB | 6L8T10300CB | 6L8Z10346CB | 6L8Z10346MA  
Lester: 8402 | 8404 | 8512 - Mazda: L3H518300 | L3H518300A

## EQUIVALENTE / Equivalent

IKA: 354691 - INA: F237401 | F23740101 - Lester: 795092280 - Luk: 535013210 - Visteon: VP5L8U10A352AA | VP6L8U10A352AA

5500

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Nissan: Altima 2.5 08/2001...09/2006 | Altima 2.5 GDI Sedan 16V 01/2002...12/2007 | Avenir 2.0 09/2001... | Bassara 2.5 06/2002...08/2003 | Primera 2 2.5 jan/02 | Sentra 2.5 01/2002... | Sentra 2.5 Sedan 16V 01/2002...12/2006 | X-Trail (T30) 2 2.0 LX (103-110kW) (Alt. Hitachi 110A) 07/2001... | Xtrail (T30) 2.5 (103-110kW) (Alt. Hitachi 110A) 11/2002...

## ALTERNADOR / Alternator

Lester: 11119 | 11163 | 13939 - Nissan: 231008J000 | 23100AU00A | 23100AU400 | 23100AU40A | 23100AU40D | 23100AU420 | 23100AU424

## EQUIVALENTE / Equivalent

Cargo: 233989 - Hitachi: GD216009 | GD2160092 | GD2160093 | L110G7500 - IKA: 335831 - INA: F2322881 | F2322882 | F2322883 | F23228801 | F23228802 | F23228803 - Luk: 535004410 - Nissan: 231516N200 | 231516N20A | 231516N20B - Ruville: 56833 - SKF: VKM06200

5501

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Ford: C Max 1.6TDCi,2.0TDCi 02/2007... | Fiesta V 1.6 TdCi 11/2004... | Focus C Max 1.6 TdCi (66kW) 02/2005...03/2007 | Focus C Max 1.6 TdCi (80kW) 10/2003...03/2007 | Focus C Max 2.0 TdCi (100kW) 10/2003...03/2008 | Focus II 1.6 TdCi, 1.6 TDCI, 2.0 TDCI 11/2004... | Fusion 1.6 TdCi 11/2004... | Kuga 2.0 TdCi 03/2008... - Mazda: 3 (BK) 1.6 DI Turbo 06/2004... | 3 (BL) 1.6 MZR-CD 06/2009... - Volvo: C30 1.6 D, 2.0 D 10/2006... | C70 II Convertible 2.0 D jan/08 | S40 II 1.6 D, 2.0 D, 2.0 D4 01/2004... | V50 1.6 D, 2.0 D 01/2004... | V70 III 2.0 D 10/2007...

## ALTERNADOR / Alternator

Denso: 1042103513 - Ford: 1229258 | 1477737 | 3M5T10300PB | 3M5T10300PC | 3M5T10300PD - Lester: 20392 | 20674 | 20917 | 23820 | 23821 - Mazda: Y60118300  
Volvo: 30795422AA | 30795423AA

## EQUIVALENTE / Equivalent

Cargo: 237610 - Denso: 1042103511 | 1042103512 - IKA: 353961 | 354251 - INA: F568861 | F56886101 | F56886102 - Koyo: DCA1834IR - Luk: 535018110 - SKF: VKM 03400 - Valeo: A634825A - Volvo: 8666579 | 30667067

5502

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Toyota: Alphard 2.4, 2.4 4WD 09/2003... | AZ 2.4L Gas - Worldwide | Camry (V30) 2.4 VVT-i, 2.4 VVTi LE 11/2001... | Camry (V40) 2.4 VVTi Hybrid, 2.4 VVTi LE 01/2006... | Camry Solara 2.4 04/2000... | Matrix, RAV 4, Solara | Previa 2.4, 2.4 16V, 2.4 Hybrid 08/2000... | RAV 4 [Sport Utility] 2.4 16V 01/2004...12/2006 | RAV 4 II 2.4 VVTi 08/2003...01/2006 | RAV 4 III 2.4 VVTi, 2.4 VVTi 4WD 11/2005... | Tarago 2.4, 2.4 VVTi 02/2000...

## ALTERNADOR / Alternator

Denso: 1042104660 | 1042104790 | 1042104810 | 1042104811 | 1042104880 | 1042104881 - Lester: 11195 | 11201 | 24020 - Toyota: 270600H110 | 270600H111 | 2706028300 | 2706028320 | 2706028321 | 2706028340 | 2706028341

## EQUIVALENTE / Equivalent

Cargo: 330850 - Gates: OAP7017 - IKA: 353781 - Litens: 920802 - Luk: 535019810 - Toyota: 274150W040 | 274150W041 | 274150W040A | 274150W040B | 274150W040C

5503

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Lexus: ES 350 [Sedan] 3.5 24V 01/2007...12/2010 | GS 3 4.3 VVTi, 430, 450h, 460 04/2005... | IS 250 [Sedan] 2.5 24V 01/2006...12/2010 | IS 250, 220 d 10/2005... | IS 350 [Sedan] 3.5 24V 01/2006...12/2010 | RX 3.3, 300, 350, 400h, 450h 04/2003... | RX 330 [Sport Utility] - 3.3 24V 01/2004...12/2006 | RX 350 [Sport Utility] - 3.5 24V 01/2007...12/2010 - Toyota: 4 Runner 4.0 VVTi 08/2002...08/2004 | Alphard 3.5, 3.5 4WD 04/2008... | Aurion 3.5 03/2006... | Avalon 3.5 VVTi 10/2004... | Avalon [Sedan] 3.5 24V 01/2005...12/2006 | Camry (V30) 3.5 VVTi XLE 01/2006... | Camry [Sedan] 3.5 24V 01/2007...12/2007 | Crown 3.0 09/2004... | Estima 3.5, 3.5 4x4 11/2006... | Hiace 2.7 01/2005... | Kluger 3.5 08/2007... | Land Cruiser 4.0 (179kW) 09/2002...08/2004 | Land Cruiser 4.0 (183kW) 01/2003... | Land Cruiser 4.0 V6 Dual VVTi, 4.0 V6 VVTi, 4.0 V6 VVT-i 01/2010... | Previa 3.5 11/2006... | RAV 4 3.5 VVTi 11/2005... | Tarago 3.5 11/2006... | Vanguard III 3.5 4WD 08/2007... | Vanguard III 3.5 VVTi 11/2005... | Vellfire 3.5, 3.5 4WD 04/2008...

## ALTERNADOR / Alternator

Denso: 1042102050 | 1042102051 | 1042104470 | 1042104571 | 1042104680 - Lester: 11136 | 11137 | 11196 | 11323 | 11325 | 11326 | 11514 | 11517 | 14072 - Lexus: 270600P140 | 270600P141 | 270600P150 | 270600P151 | 270600P240 | 270600P241 | 2706031040 | 2706031041 | 2706031042 | 2706031050 | 2706031051 | 2706031052 | 2706031060 | 2706031061 | 2706031062 | 2706031201 | 2706031211 - Toyota: 270600P130 | 270600P140 | 270600P141 | 270600P180 | 270600P181 | 270600P182 | 270600P183 | 270600P190 | 270600P191 | 270600P192 | 270600P193 | 2706031030 | 2706031031 | 2706031070 | 2706031071 | 2706031072 | 2706031080 | 2706031081 | 2706031082 | 2706031100 | 2706031101 | 2706031102 | 2706031110 | 2706031111 | 2706031112 | 2706031160 | 2706031161 | 2706031162 | 2706031180 | 2706031190 | 2706075350 | 2706075380

## EQUIVALENTE / Equivalent

Cargo: 333062 - Gates: OAP7078 - IKA: 354151 - Lester: 79909052 - Litens: 920726 | 920954 - Luk: 535020910 - Toyota: 274150W010 | 274150W130 | 274150W010A | 274150W010B | 274150W010C | 274150W130A

5504

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Ford: Galaxy 2 2.0 Flexifuel 05/2006... | Mondeo IV 2 2.0 Flexifuel 03/2007... | S Max 2 2.0 Flexifuel 05/2006... - Volvo: S80 II 2.0 FlexFuel 01/2008... | V70 III 2 2.0 FlexFuel 10/2007...

## ALTERNADOR / Alternator

Bosch: 0121615006 - Ford: 1379699 | 1388002 | 1469391 | 6G9N10300ABA | 6G9N10300ABB | 6G9N10300ABC - Lester: 24003 - Volvo: 30667295 | 36000220

## EQUIVALENTE / Equivalent

Bosch: 01211AD0BC | F00M349810 | F00M391112 | F00M391138 - Cargo: 330356 - IKA: 353361 - INA: F553393 | F5533931 | F5533932 | F55339301 | F55339302  
Luk: 535012510 - Ruville: 59912 - SKF: VKM03411 - Volvo: 30667610

5505

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Volkswagen: Jetta III (1K2) 2.5 FSI 07/2008...10/2010 | Jetta IV (162) 2.5 FSI 04/2010... | New Beetle 2.5 Turbo 07/2005... | New Beetle Convertible 2.5 07/2005...

## ALTERNADOR / Alternator

Bosch: 0124525095 | 0124525103 - Lester: 11460 - Volkswagen: 07K903023C | 07K903023CX

## EQUIVALENTE / Equivalent

Bosch: F00M147859 | F00M991234 | F00M991286 - Cargo: 235507 - IKA: 353431 - INA: F551357 | F55135701 - Lester: 11460 - Luk: 535011310 - Ruville: 59939  
SKF: VKM03124

5506

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Case: MXU100, MXU110 4-274 Diesel 2004...2005 | MXU115, MXU 135 6-411 Diesel 2003...2006 | MXU125 6-411 Diesel 2003...2005 - Ford: Transit Bus 2.3 16V (FD, FB, FS, FZ, FC) 08/2000...05/2006 | Transit Van 2.3 (FA, FM, FN) 03/2001...03/2006 | Transit Van 2.3 16V (FA) 04/2001...05/2006 | Transit Van 2.3 16V (FM, FN) 04/2001...05/2006  
New Holland: TS100A 4.5 2003...2005

## ALTERNADOR / Alternator

Ford: 1C1T10300BB - Lester: 12740 - Lucas Indiel: LRA02861 - Magneti Marelli: 6321743 - Remy: DRA0775

## EQUIVALENTE / Equivalent

Cargo: 235476 - IKA: 335631 - INA: F234359 | F2343593 | F23435903 | F55201601 | F55201603 - Luk: 535003710

5507

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Chrysler: 200 2.4 2011...2012 | Sebring 2.4 2007... - Dodge: Avenger 2.0 1999... | Avenger 2.4 2008... | Caliber 1.8, 2, 2.4 2007... | Caliber 2.4 Turbo 2008... | Journey 2.4 2009...2011 - Fiat: Freemont - Jeep: Compass 2.4 2007...2008 | DC World Engines 1.8L/2.0L/2.4L/2.4 turbo 4cyl Gas | Patriot 2.4 2007...2008

## ALTERNADOR / Alternator

Chrysler: 4801323AB | 04801323AB | 4801323AC | 04801323AC | 4801323AD | 04801323AD | 04801477AA | 04801490AA - Lester: 11228 | 11231 | 11440  
Lucas Indiel: LRA02932 - Melco: 9G128 | 8GM128 | 8GM135 - Mitsubishi: A2TJ0481 | A2TX0281 | A3TJ2581 | A2TJ0481ZC | A3TJ2581ZC | A002TX0281ZC - Remy: DRA0392

## EQUIVALENTE / Equivalent

Cargo: 235873 - Chrysler: 04891737AB - IKA: 354121 - Litens: 920810

5508

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 159 (939) 1.9 JTS 09/2005...11/2011 | 159 (939) 2.2 JTS 09/2005...11/2011 | 159 Sportwagon (939) 1.9 JTS 03/2006...11/2011 | 159 Sportwagon (939) 2.2 JTS 03/2006...11/2011 | Brera 2.2 JTS jan/06 | Spider 2.2 JTS set/06 - Opel: Signum 2.0 Turbo, 2.2 05/2003... | Vectra C, GTS 2.0 16V Turbo, 2.0 Turbo, 2.2 direct 03/2003...  
Saab: 42803 1.8t BioPower 03/2005... | 42803 1.8t, 1.8t BioPower, 2.0T 03/2005... | 42803 2.0t, 2.0t BioPower, 2.0 Turbo XWD 09/2002... | 9-3X 2.0T, 2.0T BioPower 02/2009...  
Vauxhall: Signum 2.0 Turbo, 2.2 05/2003... | Vectra MK II 2.0 16V Turbo, 2.2 direct 03/2003...

## ALTERNADOR / Alternator

Bosch: 0124415025 | 0124425004 | 0124425040 | 0124425041 | 0124425053 | 0124515096 | 0986044010 | 0986044020 | 0986048070 | 0986048620 - Lester: 11043 | 11186 | 11255 | 23107 | 23240 | 23902 - Opel: 6204113 | 6204173 | 9199575 | 24415914 | 24455913 | 24455914 | 93172075 | 93172080 | 93176035 | 93190828 - Saab: 12755484 | 12757363

## EQUIVALENTE / Equivalent

Bosch: F00M991139 | F00M991240 | F00M991246 - Cargo: 235800 | 237280 - Fiat: 77363565 - Gates: OAP7062 - General Motors/Chevrolet: 61895226 | 93172295  
IKA: 335721 - Litens: 600796 | 920629 | 920796 - Luk: 535007130 | 535019110 - Opel: 1204376 - Ruville: 55374 | 59953 - Saab: 12786853 - SKF: VKM03205

5509

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Toyota: Hiace IV 2.4 D-4D, 2.5 D-4D | Hilux 2.5, 3.0 D-4D | Hilux SW4 3.0 | Land Cruiser 3.0 D-4D

## ALTERNADOR / Alternator

Denso: 1022115670 | 1022115671 | 1022118020 | 1042103410 | 1042103411 | 2706030020 | 2706030060 | TG42109010 - Lester: 23313 | 23317 | 23558 - Toyota: 2706030060

## EQUIVALENTE / Equivalent

Cargo: 236763 - IKA: 353791 - Toyota: 2706000L20

5510

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 75

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: A 150, A 170, A 200, A 200 Turbo 09/2004... | B 150, B 170 03/2005... | B 170 NGT, B 180 NGT 04/2008... | B 200, B 200 Turbo 03/2005...

## ALTERNADOR / Alternator

Lester: 23886 - Mercedes Benz: 2661540902 | 2661541202 | 2661541302 | 266154090215A

## EQUIVALENTE / Equivalent

Cargo: 238339 - Febi: 27841 - Gates: OAP7064 - IKA: 353661 - INA: F239973 | F2384192 | F23997301 | F23997302 | F23997303 | F23997304 | F23997305 - Luk: 535012910 - Mercedes Benz: 2661550115 - SKF: VKM03818 - Valeo: 593977 | 2601991



5511

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Mazda: Altanza 2.0, 2.3 I | Mazda 3 (BK) 1.6 10/2003...06/2009 | Mazda 3 (BL) 1.6 MZR 06/2009... | Mazda 3 Saloon (BK) 1.6 02/2004... | Mazda 3 Saloon (BL) 1.6 MZR 06/2009... | Mazda 6 (GG) 1.8, 2, 2.3 08/2002...08/2007 | Mazda 6 (GG) 2.3 07/2003...02/2005 | Mazda 6 Hatchback (GG) 1.8, 2, 2.3 08/2002...08/2007 | Mazda 6 Station Wagon (GY) 1.8, 2, 2.3 08/2002...08/2007 | Mazda 6 Station Wagon (GY) 2.3 AWD 11/2002...08/2007 - Nissan: Micra IV (K13) 1.2 DIG 04/2011...

## ALTERNADOR / Alternator

Lester: 11556 | 13996 - Mazda: LF1818300 | Z66818300

## EQUIVALENTE / Equivalent

Cargo: 235424 - Gates: OAP7063 - IKA: 353321 - INA: F238163 | F577572 | F23816301 | F23816302 | F23816303 | F23816304 | F55256201 - Luk: 535009410 | 535024610 - Mazda: LF1818330 | LW1818W11 | LF1818330A - Melco: A628X92171

5512

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Dacia: Logan 1.5 dCi (KS0K) 02/2007... | Logan 1.5 dCi (LS0J, LS0Y) 09/2005... | Logan 1.5 dCi (LS0K) 01/2006... | Logan Express 1.5 dCi (FS0K) 03/2009... | Logan Pick Up 1.5 dCi (US0K) 03/2008... | Sandero 1.5 dCi 11/2008... - Renault: Clio II 1.5 dCi 11/2003... | Clio Mk II 1.5 D 08/2004... | Clio Mk II 1.5 dCi (B/CB03) 06/2001...10/2003 | Clio Mk II 1.5 dCi (B/CB3N) 02/2007... | Kangoo 1.5 dCi 06/2005... | Twingo 1.5 dCi (CN0E) mar/07 | Twingo 1.5 dCi (CN0U) abr/08

## ALTERNADOR / Alternator

Lester: 24251 - Lucas Indiel: LRA03291 - Mitsubishi: A2TC0982 - Remy: DRA0478

## EQUIVALENTE / Equivalent

Cargo: 330339 - IKA: 353581 - INA: F55037902 - Luk: 535011410 - Melco: A252C54375

5513

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Toyota: Toyota Land Cruiser 3.0 D-4D 10/2000...

## ALTERNADOR / Alternator

Denso: 1042104450 - Lester: 23313 | 23317 | 23558

## EQUIVALENTE / Equivalent

IKA: 353821 - Toyota: 2706030080

5514

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Audi: A3 1.6, 2.0 TDI set/12 | A3 3.2 Sportback quattro 07/2003... | A4 2.0 TDI quattro, Coupé, Sportback 04/2009... | A5 2.0 TDI Cabriolet, Sportback 08/2008... | A6 2.0 TDI, Avant 07/2004... | Q5 2.0 TDI 11/2008... | TT 3.2 V6 10/2006... - Seat: Cordoba, Ibiza 1.4 TDI | Exeo 2.0 TDI 12/2008... | Ibiza 1.4 TDI 06/2005... | Ibiza V 1.2, 1.4 TDI, 1.9 TDI 07/2008... - Skoda: Fabia 1.4 TDI 02/2007... | Roomster 1.4 TDI | Superb 1.9 TDI, 2.0 TDI 03/2008... | Superb 2.0 TDI 16V 01/2009... | Superb 3.6, 3.6 V6 11/2008... Volkswagen: Amarok 2.0 TDI, 2.0 TDI 4motion, 2.0 BiTDI, 2.0 BiTDI 4motion 09/2010... | California T5 2.0 TDI | Caravelle T5 2.0 TDI | Eos 2.0 FSI 03/2006...05/2008 | Eos 2.0 TDI 06/2006...05/2008 | Eos 3.2 FSI 06/2006... | Eos 3.6 V6 05/2009... | Fox 1.4 TDI (Alt.045903023C) 04/2005... | Golf V 3.2 09/2005... | Golf V 3.2 R32 4motion 11/2005... | Multivan T5 2.0 TDI, 2.0 BiTDI, 2.0 BiTDI 4motion, 2.0 TDI, 2.0 TDI 4motion 09/2009... | Multivan T5 2.0 TDI, 2.0 TDI 4motion 05/2010... | Passat 3.2 FSI 4motion 11/2005... | Passat 3.6 FSI, 3.6 FSI 4motion, 3.6 R36 4motion 06/2005... | Passat CC 3.6 4motion 06/2008... | Passat, Passat Variant 3.6 FSI 4motion 01/2011... | Polo 1.4 TDI 04/2005... | Polo 1.9 TDI 10/2001... | Transporter T5 2.0 BiTDI, 2.0 BiTDI 4motion, 2.0 TDI, 2.0 TDI 4motion 09/2009... | Transporter T5 2.0 TDI 09/2009... | Transporter T5 2.0 TDI, 2.0 TDI 4motion 05/2010...

## ALTERNADOR / Alternator

Bosch: 0121715042 | 0121715049 | 0121715077 | 0121715142 | 0121715177 | 0124315037 | 0124325141 | 0124325142 | 0124325190 | 0124515067 | 0124525146 | 0124525530 | 0125525114 | 0125525146 | 0125711034 | 0125711081 | 0125811008 | 0125811035 | F000BL0800 | F000BL08A0 - Lester: 11425 | 11463 | 11714 | 20017 | 20304 | 20412 | 20644 | 20730 | 20731 | 20798 | 20836 | 23827 | 20017A | 2205682 - Seat: 3R0903023 - Valeo: FG18T062 | FG20S014 | FG20S016 | TG14C020 | TG14C023 | TG14C034 | TG14C043 | TG14C068 | TG15C149 | TG15C165 - Volkswagen: 03C903023B | 03G903016F | 03G903016G | 03G903016L | 03G903023F | 03L903023Q | 045903023C | 045903023D | 045903023H | 06F903023D | 06F903023L | 06F903023M | 06F903023N | 06F903023P

## EQUIVALENTE / Equivalent

Audi: 03G903119B - Bosch: F00M147876 | F00M991247 | F00M991287 | F00M991932 | F00MA47723 - Cargo: 235695 - IKA: 353441 - INA: F55140601 | F55140602 | F55140603 | F55140604 | F55140605 | F55140607 | F55140608 - Luk: 535012410 - SKF: VKM03112 - Valeo: 588016 | 2604787 | 2618124 - Volkswagen: 045903119 | 045903119A

5515

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Porsche: 911 (221kW) 3.4 Carrera, 3.4 Carrera 4 09/1997...09/2001 | 911 (235-254kW) 3.6, 3.6 Carrera, 3.6 Carrera 4 10/2001...08/2005 | 911 (235kW) 3.4 Carrera, 3.4 Carrera 4 05/2001...08/2005 | 911 (242-335kW) 3.6 Carrera S, 3.6 GT2 01/1998...08/2005 | 911 (331kW) 3.6S 08/2004...08/2005 | 911 3.6 Carrera, 3.6 Carrera 4, 3.8 Carrera S, 3.8 Carrera 4S jul/04 | 911 3.6 GT2 set/07 | 911 3.6 Turbo mar/06 | Boxster 2.7 (162kW) 08/1999...07/2002 | Boxster 2.7 (176kW), S3.2 (206kW) 11/2004... | Boxster 2.7 (180kW), S3.4 (217kW) 07/2006... | Boxster 2.7 24V (168kW), S3.2 (191kW) jul/02 | Boxster S 3.2 (185kW) 08/1999...07/2002 | Boxster S 3.2 (196kW) 01/2004... | Cayman 2.7 (180kW) 07/2006... | Cayman S 3.4 Sport, S3.4 (217-223kW) 11/2005...

## ALTERNADOR / Alternator

Bosch: 0124515001 | 0124515015 | 0124515042 | 0124515073 | 0124525056 | 0124525057 | 0124525107 | 0986043690 | 0986046520 | 0986047140 | 0986048090  
Lester: 11041 | 11130 | 11337 | 20416 - Porsche: 91660301200 | 91660301201 | 99660301200 | 99660301201 | 99660301202 | 99660301203 | 99660301204 | 99660301205 | 99760300203 | 99760301201 | 99760301203 | 99760301205 | 99760301207 | 99760302200 | 99760302201 | 99760302203 | 99760302205

## EQUIVALENTE / Equivalent

Bosch: F00M147735 | F00M991105 | F00M991305 - Cargo: 230315 - IKA: 335451 - INA: F233525 | F23352501 | F23352504 | F23352505 - Luk: 535002510  
Porsche: 99660315250 | 99760315400 - SKF: VKM03850

5516

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Volvo: S40 I (100-147kW) 1.9 T4, 2.0 16V, 2.0 T, 2.0 T4 07/1995...12/2003 | S40 I (77-90kW) 1.6 16V, 1.8 16V 07/1995...12/2003 | S40 I (90kW) 1.8i 06/2001...12/2003 | S40 I (92kW) 1.8i 03/1998...12/2003 | V40 1.6, 1.8, 1.8 Bi-Fuel, 1.8 Blu-Fuel, 1.9 T4, 1.9 DI, 1.9 TD, 2, 2.0 T, 2.0 T4 07/1995...06/2004 | V40 1.8i ano 03.98-06.04

## ALTERNADOR / Alternator

Bosch: AL9409X - Denso: 1022110500 | TN1022110500 - Lester: 13845 - Volvo: 8601699 | 9472908

## EQUIVALENTE / Equivalent

Cargo: 230314 | 332298 - Dayco: ALP2383 - Denso: 0210400970 - Gates: OAP7059 - IKA: 335391 - INA: F231108 | F23110801 | F23110802 - Lester: 79909045  
Luk: 535002410 - SKF: VKM03652 - Volvo: 9472909 | 30782701

5518

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Fiat: Doblo 1.8 sem AC 2002.. | Palio 1.8 sem AC 2002... | Stilo 1.8 sem AC 2002... - General Motors/Chevrolet: Meriva 1.8 sem AC, com DH 10/2002...

## ALTERNADOR / Alternator

General Motors/Chevrolet: 93396398 - Lester: 13845 - Valeo: 439514 | 2220158 | SG7S027

## EQUIVALENTE / Equivalent

INA: F237985 - Valeo: 493803

5519

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Dodge: RAM 2500 5.9 24V Diesel 01/2007...12/2007 | RAM 2500 (Crew Cab Pick Up) 5.9 24V Diesel 01/2003...12/2006 | RAM 2500 (Extended Crew Cab Pick Up) 5.9 24V Diesel 01/2006...12/2006 | RAM 2500 [Standard Cab Pick Up] 5.9 24V Diesel 01/2006...12/2006 | RAM 3500 5.9 24V Diesel 01/2007...12.07 | RAM 3500 (Extended Crew Cab Pick Up) 5.9 24V Diesel 01/2006...12/2006

## ALTERNADOR / Alternator

Bosch: 0124525105 | 0124525106 | 0124525107 | 0124525129 | 0124525154 | 0124525156 - Dodge: 04801475AA | 04801475AB - Lester: 11235 | 11239

## EQUIVALENTE / Equivalent

Bosch: F00M991252 - Cargo: 235439 - Chrysler: 51383490AA | 53034049AA - IKA: 353271 - INA: F5562342 | F55623401 | F55623402 - Luk: 535009910 - Porsche: 99760302200 | 99860302201 | 99860302204

5520

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Chrysler: Pacifica 3.8L V6 - Gas 2005...2008

## ALTERNADOR / Alternator

Chrysler: 4869400AB | 4869900AC | 04869900AC - Lester: 11115 | 11229 | 20082 - Mitsubishi: 8GM140A | A3TJ0381 | A3TJ03881ZC | 8General Motors140A

## EQUIVALENTE / Equivalent

Cargo: 39555 - Chrysler: 39555 | A252C5221C - IAT: 39555 - Lester: 11115 - Litens: 920768

5521

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Cobalt SS L4 2.0L 2004...2007 - Saturn: Ion Red Line L4 2.0L 2004...2007

## ALTERNADOR / Alternator

Bosch: AL8821X - Denso: SC2160A | 1042104140 | 1042104410 - General Motors/Chevrolet: 22727494 | 22731358 - Lester: 11109

## EQUIVALENTE / Equivalent

Denso: 0210401370 - General Motors/Chevrolet: 22732028 - Lester: 11109 - Litens: 920762

5522

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Nissan: Frontier (D40) 2.5L 4CYL Turbo Diesel 07/2005...03/2008 | Navara (D40) 2.5L 4CYL Turbo Diesel 07/2005...03/2008

## ALTERNADOR / Alternator

Lester: 20553 | 23917 - Lucas Indiel: LRA03093 - Nissan: A3TG2681 | 23100EB310 | 23100EB31A | A3TG2681AE | A3TG2681ZE - Remy: DRA0432

## EQUIVALENTE / Equivalent

Nissan: 23151EB301

5523

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Renault: Laguna II, Grandtour 1.9 dCi (Alt. Bosch 150A) jan/03 | Megane II 1.9 dCi (Alt. Bosch 150A) 11/2002...

## ALTERNADOR / Alternator

Bosch: 0124325047 | 0124325096 | 0986046280 - Lester: 23356 | 23357 | 23368 - Renault: 8200229907

## EQUIVALENTE / Equivalent

Bosch: F00M147957 | F00M991178 | F00M991314 - Cargo: 237355 - Gates: OAP7109 - IKA: 353091 - INA: F238120 | F23812001 | F23812002 - Luk: 535008810  
SKF: VKM03611 - Visnova: 854274

5524

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Ford: Focus 2.0L, 2.3L W/MT 2005...2006 | Focus (Sedan) 2.3 16V ano 01.03-12.07 01/2003...12/2007 | Focus (Sedan/Hatchback/Wagon) 2.0 16V ano 01.05-12.07 01/2005...12/2007 | Focus 2, Schrägheck 2.0 05/2005...03/2009 | Focus ST170 03/2002...11/2004 | Focus ST170 09/2002...11/2004

## ALTERNADOR / Alternator

Ford: 1097304 | 1301496 | 2M5V10300AA | 2M5Z10346AB | 2MSU10300AA | 4S4T10300BA | 4S4T10300BC | 4S4T10300BD | 4S4Z10346BA | 4S4Z10346BB | 5S4T10300BB | 5S4T10300BD | 5S4Z10346BA - Lester: 8407 | 8418

## EQUIVALENTE / Equivalent

Ford: VP2M5UAA - Gates: OAP7105 - IKA: 353541 - INA: F235931 | F23593102 - Luk: 535010010 - SKF: VKM03413 - Visteon: VP2M5U10A352AA | VP6S4U10A352AA

5525

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Renault: Clio Grandtour 1.5 dCi | Clio II (50kW) 1.5 D, 1.5 dCi 02/2008... | Clio II (74kW) 1.5 dCi 01/2004... | Clio III (47-78kW) 1.5 dCi 05/2005... | Grand Modus 1.5 dCi | Modus (48-63kW) 1.5, 1.5 dCi (Alt. Bosch 82 00 360 480 120A) 12/04... | Modus (76kW) 1.5 dCi (Alt. Bosch 120A) 05/2007... | Modus (78kW) 1.5 dCi (Alt. Bosch 82 00 360 480 120A) 05/2005...

## ALTERNADOR / Alternator

Bosch: 0124425029 | 0124425071 | 0124525069 | 0986049030 - Lester: 23819 - Renault: 8200360480 | 8200360481

## EQUIVALENTE / Equivalent

Bosch: F00M147806 | F00M147976 | F00M991217 | F00M991326 - IKA: 353101 - INA: F55021301 | F55021303 | F55021304 | F55021307 | F55021310 - Luk: 535008910 - Ruville: 55626 - SKF: VKM03605

5526

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Renault: Space IV 3.0 dCi 11/2002... | Vel Satis (130kW) 3.0 Cdi 06/2002... | Vel Satis (133kW) 3.0 Cdi 06/2006... - Saab: 9-5 3, TiD

5526

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## ALTERNADOR / Alternator

Bosch: 0124525019 - Denso: 1042103180 | 1042103370 - General Motors/Chevrolet: 5350087 - Isuzu: 8973089961 | 8973614210 | 8980337860 - Lester: 20333 | 23897 - Renault: 7701066397 | 7701066399 | 8200660033 - Saab: 5350087

## EQUIVALENTE / Equivalent

Denso: 8980337360 - IKA: 353021 - INA: F2284112 | F22841102 | F22841104 - Isuzu: 8972293660 | 8980337360 - Luk: 535003810 - Opel: 97229366 - Renault: 7701066401 - Saab: 5340393

5527

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 76

## APLICAÇÃO / Application / Aplicación

Mazda: 3 2.0 MZR-CD 12/2006... | 3 2.2 MZR-CD 06/2009... | 5 2.0 03/2005... | 5 2.0 CD 06/2005... | 6 2.0 CiTD, 2.0 DI 06/2002... | 6 2.2 MRZ-CD 01/2009... | Atenza 2.0 DI 08/2002... | CX-7 2.2 MZR-CD 09/2009... | MPV II 2.0 DI 07/2002...

## ALTERNADOR / Alternator

Isuzu: 8980337880 - Lester: 11836 | 23309 | 23945 - Mazda: RF5C18300 | RF5C18W11 | RF8G18300 | R2AA18300A | R2AA18300B | RF7J18300A | RF8G18300A  
Melco: A3TB4981 | A3TB6581 | A003TB4981

## EQUIVALENTE / Equivalent

Cargo: 238068 | 332313 - Dayco: ALP2372 - Gates: OAP7071 - IKA: 353531 - INA: F236001 | F23600101 | F23600102 - Luk: 535004910 - Mazda: RF5C18330 | RF5C18W11 | RF5C18330A - Mitsubishi: A628X92071 - SKF: VKM06403

5528

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 159 1.9 JTDM 16V, 1.9 JTDM 8V 09/2005... | 159 2.0 JTDM 05/2009... | Brera 2.0 JTDM 05/2009... | Mito 1.6 JTDM 09/2008... | Spider 2.0 JTDM 05/2009... - Fiat: Bravo (110kW) 1.4 T-Jet 09/2007... | Bravo (66-88kW) 1.4, 1.4 T-Jet abo 04/2007... | Bravo (66kW) 1.9 D Multijet 04/2007...12/2008 | Bravo (88/110kW) 1.9 D Multijet 04/2007... | Bravo 1.6 D Multijet 03/2008... | Bravo 2.0 D Multijet set/08 | Croma 1.9 D Multijet jun/05 | Doblo 1.6 D 16V Multijet, 1.6 D Multijet, 2.0 D Multijet 02/2010... | Grand Punto 1.9 D Multijet 10/2005... | Idea 1.9 JTD 01/2004... | Linea 1.6 D Multijet 06/2009... | Punto 1.9 JTD 06/2003... | Punto Evo 1.6 D Multijet 10/2009... | Ritmo 1.6 D, 2.0 D Multijet 03/2008... | Ritmo 1.9 D Multijet 04/2007... | Stilo 1.9 D Multijet 09/2005... | Stilo 1.9 D, 1.9 JTD (192AXS1B, 192BXS1B) 09/2004... | Stilo 1.9 JTD 02/2002... - Lancia: Delta III 1.6/2.0 Multijet 09/2008... | Musa 1.6 D Multijet 07/2008... | Musa 1.9 Multijet 10/2004... - Saab: 42803 1.9 TiD, 1.9 TTiD 09/2004... | 42864 1.9 TiD (Alt. Denso 140A) 01/2006...

## ALTERNADOR / Alternator

Bosch: 0124425013 - Denso: 1012100160 | 1012100161 - Fiat: 51727338 | 51727339 | 51764265 | 51793678 | 51854901 | 51854902 | 51859058 - Lester: 20357 | 23112 - Renault: 8200325823 | 8200390675 - Saab: 12759595

## EQUIVALENTE / Equivalent

Alfa Romeo: 77364725 - Cargo: 237817 | 330287 - Denso: 1210411140 | MS1210411140 - Febi: 31541 - Fiat: 77363948 - Gates: OAP7052 - IKA: 353571 - INA: F238822 | F23882201 | F23882202 - Luk: 535011210 - Saab: 12759596 - SKF: VKM03204 - Swag: 70931541 - Visnova: 854180

5529

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: Sprinter 2-t 212 D 02/1995...04/2000 | Sprinter 3-t 312 D 2.9 02/1995...04/2000 | Sprinter 4T 412 D 02/1996...05/2006 | Vario 612D, 614D, 812D, O812 09/1996... - Ssangyong: Actyon | Actyon Sports | Kyron 2.7 Xdi 05/2005... | Rexton 2.7 Xdi 08/2004... | Rodius 2.7 Xdi 05/2005... | Stavic 2.7 270 sXDI 02/2005...

## ALTERNADOR / Alternator

Bosch: 0123320049 | 0124510072 | 0986040800 - Lester: 13811 - Mercedes Benz: 101546402 | 101546502

## EQUIVALENTE / Equivalent

Bosch: 1126601580 | F00M991393 - Cargo: 235478 - Dayco: ALP2381 - Delphi: 220682 - Febi: 28387 - IKA: 335601 - INA: F226387 | F239662 | F2263877 | F22638704 | F22638705 | F22638707 | F22638708 | F22638709 | F22638710 | F23966201 - Luk: 535005110 | 535013410 - Mercedes Benz: 6041500460 | 6041500660  
Quinton Hazel: RSE103 | 1010103 - Ssangyong: 66215531A5 | 6621553315 - Triscan: 8641104017

5530

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Opel: Astra G 2.0 16V Turbo, 2.0 OPC 11/2002...10/2005 | Astra H 2.0 Turbo 03/2004... | Astra H GTC 2.0 Turbo 03/2005... | Zafira 2.0 07/2005... | Zafira 2.0 OPC 11/02...06/2005 - Vauxhall: Astra Mk V 2.0 Turbo 03/2004... | Zafira Mk II 2.0 07/2005...

## ALTERNADOR / Alternator

Bosch: 4824 | 0124425015 | 0986048240 - General Motors/Chevrolet: 93180419 | 93189248 - Lester: 23847 - Lucas Indiel: LRA2847 | LRA02847 - Opel: 5204246 | 6204195 | 9512182 | 13156054 | 38189248 | 93189268 - Vauxhall: 5204246 | 9512182 | 38189248 | 93189268 | R1530084

5530

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## EQUIVALENTE / Equivalent

Bosch: F00M991210 - Cargo: 331925 - Gates: OAP7088 - General Motors/Chevrolet: 55352897 - IKA: 335921 - Litens: 920755 - Luk: 535019010 - Opel: 1204393  
SKF: VKM03507

5532

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Opel: Astra H 1.9 CDTI (Alt. Bosch 120/140A) 04/2004... | Astra H GTC 1.9 CDTI (Alt. Bosch 120/140A) 03/2005... | Signum 1.9 CDTI (Alt. Bosch 120/140A) 04/2004... | Vectra C / GTS 1.9 CDTI (Alt. Bosch 120/140A) 10/2005... | Zafira 1.9 CDTI (Alt. Bosch 120/140A) jul/05 - Saab: 42803 1.9 TiD (Alt. Bosch 120/140A) 01/2006... - Vauxhall: Astra Mk V 1.9 CDTi, 1.9 CDTI 16V, 1.9 LE 04/2004... | Signum 1.9 CDTI, 1.9 CDTI 16V 04/2004...08/2005 | Vectra Mk II 1.9 CDTI, 1.9 CDTI 16V 04/2004...07/2008 | Zafira Mk II 1.9 CDTI jul/05

## ALTERNADOR / Alternator

Bosch: 0124325172 | 0124325221 | 0124425058 | 0124425059 | 0124425096 | 0124425097 - Lester: 20007 | 23816 | 23817 - Opel: 3229990 | 13229991 | 13229992 | 13308506 | 13308507 | 13308508 | 93191921 | 93191922 - Steyr: 13229992

## EQUIVALENTE / Equivalent

Bosch: F00M147854 | F00M991281 | F00M992725 | F00MA47704 - Cargo: 330921 - Febi: 32297 - Gates: OAP7035 - General Motors/Chevrolet: 55564350 | 55571966 - IKA: 354041 - Litens: 600856 | 920856 - Luk: 535018810 - Opel: 1204151 | 1204175 - Ruville: 59950 - SKF: VKM03505

5533

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Volkswagen: Multivan T5 2.5 TDI 04/2003...11/2009 | Multivan T5 2.5 TDI 4motion 07/2004...11/2009 | Phaeton 5.0 V10 TDi 11/2002... | Touareg 2.5 R5 TDi 01/2003...05/2010 | Touareg 5.0 R50 TDi 11/2007...05/2010 | Touareg 5.0 V10 TDi 10/2002...05/2010 | Transporter V 2.5, 2.5TDi 04/2003...11/2009

## ALTERNADOR / Alternator

Bosch: 0121615013 | 0121615025 | 0121615026 | 0121615029 | 0121715004 | 0121715033 | 0124615031 | 0124625013 | 0124625018 - Lester: 11472 | 20011 | 23321 | 23322 - Volkswagen: 70903024 | 70903139 | 070903024A | 070903024B | 070903024F | 070903024G | 070903024H | 070903139B | 070903139C | 070903139D | 072903021C | 072903021F | 3D0820805E | 7H0820805E | 7H0820805F

## EQUIVALENTE / Equivalent

Bosch: F00M391119 | F00M991300 - Cargo: 236531 | 333134 - Dayco: ALP2382 - Febi: 26958 - IKA: 353181 - INA: F237653 - Luk: 535011810 - Ruville: 56328  
SKF: VKM03115 - Volkswagen: 070903201C | 070903201E

5534

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

John Deere: 5620 4.5L 2006...2009 | 6110 4.5L 1998...2001 | 6120 4.5L 2002...2005 | 6210 4.5L 1998...2001 | 6220 4.5L 2002...2005 | 6310 4.5L 1998...2001 | 6320 4.5L 2002...2005 | 6410 4.5L 1998...2001 | 6420 4.5L 2002...2005 | 6510 4.5L 1998...2001 | 6520 4.5L 2002...2005 | 6610 7.6L 1992...1995 | 6620 6.7L 2002...2005 | 6810 14.0L 1992...1997 | 6820 6.7L 2002...2005 | 6910 14.0L 1992...1997 | 6920 6.7L 2002...2005 | 7220 6.7L 2002...2006 | Máquinas Agrícolas | Tratores

## ALTERNADOR / Alternator

Bosch: 0123315501 | 0124325166 | 0124515126 | 0986046007 - John Deere: AL111675 | AL114092 | AL166645 | AL166646 | AL171541 | RE204426 - Lester: 12370 | 12379 | 12780 | 12781 - Lucas Indiel: LRA1860 | LRA01860 - Man: 51261017237

## EQUIVALENTE / Equivalent

Bosch: 1126601596 - IKA: 353701 - INA: F23337901 | F23337902 - John Deere: L12669 | 362D08C | L112969 | AL156091 | AL158161 | AL161112 | AL166835 | AL166836 - Litens: 920650 - Luk: 535013110 - Ruville: 58882

5535

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Astra 2.0 8V Gas./Flex 2009... | Vectra 2.0 8V Gas./Flex 2009... | Zafira 2.0 8V Gas./Flex 2009...

## ALTERNADOR / Alternator

Bosch: 0124515189 - General Motors/Chevrolet: 94745270

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 94745272

5536

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Dodge: Dakota 4.7L 2003...2004 - Jeep: Grand Cherokee 4.7L 2003...2005 | Liberty 2.4L | Liberty 3.7L 2003...2006 | Wrangler 2.4L 2003...2006

5536

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## ALTERNADOR / Alternator

Chrysler: 56044532AA | 56044532AB | 56044532AC | 56044532AD - Denso: 1210004520 | 1210004540 | 1210004550 | 1210004551 - Lester: 11252 | 13873CP  
Lucas Indiel: LRA02850 - Remy: DRA0646

## EQUIVALENTE / Equivalent

Chrysler: 53013579AA - INA: F236151 - Lester: 13873CP

5559

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Chrysler: Voyager III 2.5 CRD, 2.5 TD 02/2000... | Voyager III 2.8 CRD 06/2004... | Voyager IV (RG,RS) 2.5 CRD (105kW) 02/2000...12/2008 | Voyager IV (RG,RS) 2.5 CRD (88kW) 08/2005...12/2008 | Voyager IV (RG,RS) 2.8 CRD (110kW) 06/2004...16/2008

## ALTERNADOR / Alternator

Chrysler: 04868429AB | 04868429AC | 04868429AD - Denso: SC2160A | 4210000081 | 4210000082 | 4210000086 | RX868429AD - Lester: 23830

## EQUIVALENTE / Equivalent

Cargo: 331792 - Chrysler: 4861513AA | 4861513AB | 4861513AC | 4861513AD | 4861513AE | 104861513AE | K04861513AE - Denso: 0210401001 | 0210401040 | 0210401042 | 0210401180 | 0210401181 - Flennor: FGF0056 - Gates: OAP7083 - IKA: 353641 - Litens: 920599 - Luk: 535019610 - Ruville: 59958

5560

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 156 2.4 JTD (932B1) 09/1997...10/2000 - Fiat: Marea 2.4 JTD 130 04/1999... | Marea SW 2.4 JTD 130 04/1999... - Lancia: Kappa 2.0 20V (838AA1AA) 10/1994...10/2001 | Kappa 2.4 20V (838AC1AA, 838AC11A) 08/1994...10/2002 | Kappa 2.4 T.DS (838AE1AA, 838AH1AA) 08/1994...10/2002 | Kappa SW 2.0 16V Turbo (838BB1AA), 2.4 20V (838BC1AA, 838BC11A) 07.1996...10/2001 | Lybra SW 1.9 JTD (839BXD1A) 07/1999...09/2000

## ALTERNADOR / Alternator

Fiat: 46748353 | 46809068 | 63321507 | 63321859 | 63377004 - Lester: 20539

## EQUIVALENTE / Equivalent

Fiat: 46441617 | 83616850 | 6013887857 - IKA: 353151

5561

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Citroën: C5 2.7 HDi 02/2008... | C6 2.7 HDi 205 FAP ano 09.05-09/2005... - Peugeot: 407 2.7 Hdi Coupe 10/2005... | 407 2.7 Hdi, Hdi 10/2005... | 407 SW 2.7 HDi 10/2005... | 607 2.7 HDi 24V 12/2004...

## ALTERNADOR / Alternator

Bosch: 0121715001 | LIX14M25180 - Lester: 24077 - Peugeot: 5705CJ | 5705EJ - PSA: 9653459080

## EQUIVALENTE / Equivalent

Bosch: F00M349860 | F00M391100 | F00M391135 - Cargo: 239914 - IKA: 353671 - Litens: 920731 - Luk: 535018910 - SKF: VKM03303

5562

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Nissan: Dualis 2.0 dCi, 2.0 dCi All-wheel Drive 02/2007... | Primastar 2.0 dCi 90, 2.0 dCi 120 09/2006... | Qashqai 2.0 dCi (Alt.TG15C058) 02/2007... | X-Trail 2.0 dCi 06/2007...  
Opel: Vivaro 2.0 CDTi 08/2006... - Renault: Espace IV 2.0 DCi 01/2006... | Laguna II 2.0 DCi 08/2005... | Laguna III 2.0 DCi (Alt. Valeo 150A) 10/2007... | Megane II 2.0 DCi 01/2007... | Megane II 2.0 DCi Dynamic 09/2005... | Trafic II 2.0 DCi 08/2006... | Vel Satis 2.0 DCi 08/2005... - Vauxhall: Vivaro 2.0 CDTi 01/2006...

## ALTERNADOR / Alternator

Lester: 22555 | 23370 | 24008 | 24045 | 24252 - Lucas Indiel: LRA03036 - Remy: DRA0339 - Renault: 8200404459 | 8200854119 - Valeo: 2542966 | TG15C058 | TG15C142

## EQUIVALENTE / Equivalent

Cargo: 330200 | 333066 - Dayco: ALP2369 - IKA: 353331 - INA: F561464 | F23667502 | F23667503 | F23667504 - Luk: 535008010 - Renault: 8200489514 - Ruville: 55624 - SKF: VKM03615 - Valeo: 595226 | 2601010 | 2606665 | 2809427

5563

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: G 320 CDi set/06 | GL 320 CDi, GL 350 CDi set/06 | M 280 CDi, ML 300 CDi, M 320 CDi, ML 350 CDi (140/165kW) 07/2005... | M 320 CDi, ML 350 CDi (165kW) 07/2009... | R 280 CDi, R 300 CDi 05/2006... | R 320 CDi, R 350 CDi 01/2006... | R 350 CDi 07/2009...

5563

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## ALTERNADOR / Alternator

Lester: 11309 - Mercedes Benz: A033123 | A080334 | A114841 | A140234 | A390564 | 6421540302 | A6421540302 | A6421540502 - Valeo: 439583 | 440053 | 6421540502

## EQUIVALENTE / Equivalent

Dayco: ALP2388 - Febi: 27839 - IKA: 353481 - INA: F55165701 | F55165702 | F55165703 | F55165704 | F55165705 - Luk: 535011110 - Mercedes Benz: 6421500760  
Ruville: 55185 - SKF: VKM03833 - Valeo: 595239 | 2603331

5564

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Renault: Clio III (BR0/1, CR0/1) 2.0 16V (BR0C, BR0K, CR0C, CR0K) 09/2006...

## ALTERNADOR / Alternator

Bosch: 0124425038 | 0124425075 | 0124525100 - Lester: 22990 | 24227 | 24228 | 24229 - Nissan: 23100003R | 231000012R - Renault: 231000012R | 8200262318

## EQUIVALENTE / Equivalent

Bosch: F00M147878 | F00M991248 - IKA: 353691 - INA: F553448 - Luk: 535013910 - Ruville: 55618 - SKF: VKM03607

5565

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Citroën: C3 1.4 (54kW) 02/2002... | C3 1.4 (54kW) 11/2009... | C3 1.4, 1.4 16V, 1.6 (70-80kW) 05/2003... | C3 1.6 (88kW) 02/2009... | C4 1.6 THP 140/150 07/2008... | C4 1.6 VTI 120 07/2008... | C5 1.6 16V 04/2009... - Mini: Cooper 10/2006... | Cooper 1.6 07/2007... | Cooper S 10/2006... | Cooper S 1.6 03/2009... | Mini 1.6 10/2007... | One 03/2007... - Peugeot: 207 1.4 16V 06/2007... | 207 1.6 16V, 1.6 16V Vti, 1.6 16V RC, 1.6 16V Turbo 02/2007... | 3008 1.6 THP, 1.6 Vti 06/2009... | 308 1.4 16V, 1.6 16V 09/2007... | 5008 1.6 16V 09/2009...

## ALTERNADOR / Alternator

BMW: 12317576513 | 12317576514 - Citroën: 5705KG | 9666997980 | 9666998080 - Lester: 11334 - Peugeot: 5705KG - Valeo: 2610715B | 2616938B | FG15T044 | FG15T072 | TG12C021 | TG12C059 | TG12C061 | 211072577 | 213067203 | A003TG5291ZE

## EQUIVALENTE / Equivalent

Cargo: 330473 - IKA: 354191 - INA: F55653301 - Luk: 535017810 - Mini: 12317576515 - Ruville: 56650 - SKF: VKM03881 - Valeo: 2605074

5566

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 77

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: GL-Klasse GL 320 CDI, GL 350 CDI 09/2006... | M-Klasse M 280 CDI, ML 300 CDI, M 320 CDI, ML 350 CDI 07/2005... | R-Klasse 280 CDI 05/2006... | R-Klasse 300 CDI 07/2009... | R-Klasse R 320 CDI, R 350 CDI jan/00 | S-Klasse 320 CDI 12/2005...

## ALTERNADOR / Alternator

Bosch: 0121813003 | 0131540902 | 0986047800 - Lester: 11308 - Mercedes Benz: 131540902 - Steyr: 131540902

## EQUIVALENTE / Equivalent

Bosch: F00M349828 | F00M391104 | F00M391144 - Cargo: 235508 - Dayco: ALP2380 - Febi: 27840 - IKA: 353351 - INA: F239356 | F23935601 | F23935602 | F23935603 - Luk: 535010810 - Mercedes Benz: 6291500060 - Ruville: 55192 - SKF: VKM03831

5567

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Toyota: Dyna 2.5 D4d 08/2001...10/2006 | Hiace 2.5 D-4D 11/2001...08/2006 | Hiace IV 2.5 D-4D 08/2001...08/2006 | Hilux (N) 2.5 D, 2.5 D4d, 2.5 D-4D 4x4 08/2001...08/2004 | Hilux 2.5 D-4D 11/2001...08/2004 | Kijang MPV 2.5 D4D 01/2005... | Land Cruiser (J12) 3.0 D-4D 01/2003...08/2009 | Land Cruiser (J9) 3.0 D-4D 10/2000...08/2009 | Qualis MPV 2.5 D4d 03/2007... | SW4 (N2) 3.0 D ago/09 | Tacoma II (N) 2.5 D-4D, 2.5 D-4D 4WD nov/01

## ALTERNADOR / Alternator

Denso: 1022112810 | 1042107090 - Lester: 23313 | 23317 | 23558 - Toyota: 1012114720 | 1022115600 | 1042108020 | 1042109010 | 1042109011 | 270600L010 | 270600L021 | 270600L160 | 2706030030 | 2706030040 | 2706030050 | 2706030120 | 2706030121 | 2706030123 | 2706054430 | 2706067140

## EQUIVALENTE / Equivalent

Cargo: 332133 - Denso: 0210401070 - IKA: 353941 - INA: F567525 - Luk: 535017310 - Ruville: 56962 - SKF: VKM06107 - Toyota: 274150L010 | 274150L030 | 2741530020

5569

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Nissan: Altima 2.5 2007...2009 | Primera 2.5 01/2002... | Sentra 2.5 2007...2009 | X-Trail (T30) 2.5 (121-132kW) (Alt. Valeo 110A) 11/2002...

5569

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## ALTERNADOR / Alternator

Lester: 11258 | 11458 - Nissan: 23100JA02A | 23100JA02B - Valeo: 2650364 | TG12C032

## EQUIVALENTE / Equivalent

IAT: 39337 - INA: F554755 | F55475501 - Luk: 535013710 - Ruville: 56830 - Valeo: 2650319 | 265031900

5570

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Dodge: 2500 L6 6.7L 2011...2012 | 3500 L6 6.7L 2011... | Bullet 45 L6 6.7L 2008...2009 | Bullet 55 L6 6.7L 2008...2009 | RAM 2500 L6 6.7L 2007...2010 | RAM 3500 L6 6.7L 2007...2009 | RAM 3500 L6 6.7L 2010... | RAM 4500 L6 6.7L 2008...2010 | RAM 5500 L6 6.7L 2008...2010

## ALTERNADOR / Alternator

Bosch: AL6474X - Chrysler: 4801311AD | 04801311AD - Denso: 4210000510 | 4210000512 - Lester: 11378 | 11993 | 24028

## EQUIVALENTE / Equivalent

Denso: 0210401631 - Lester: 11378

5571

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Impala V6 3.9L 2006...2009 | Malibu LZ9 3.9L V6 Gas - DOD | Monte Carlo V6 3.9L

## ALTERNADOR / Alternator

Bosch: E6125A | AL8812X | 0124425049 | 0124425089 - General Motors/Chevrolet: 15233597 - Lester: 11236

## EQUIVALENTE / Equivalent

Bosch: F00M991241 | F00M991371 - IAT: 391027 - IKA: 353631 - Lester: 11236 - Litens: 920797

5572

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Hyundai: Azera 3.8L V6 2006...2007 - Kia: Amanti 3.8L 2007...2008

## ALTERNADOR / Alternator

Kia: 373003C120 | 373003C150 | 373003C160 | 373003C161 - Lester: 11192 - Poong Sung: 21319280 | 21319320 | 21319321

## EQUIVALENTE / Equivalent

Hyundai: 373213C150

5573

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Jaguar: S-Type Sedan (175kW) 3.0 V6 01/1999... | X-Type Sedan (143kW) 2.5 24V, 3.0 24V 01/02...12/2006 | X-Type Wagon (143-169kW) 2.5 24V, 3.0 24V 01/2005...12/2008

## ALTERNADOR / Alternator

Denso: 1022110870 - Jaguar: C2S3710 - Lester: 13926

## EQUIVALENTE / Equivalent

Cargo: 230525 - Denso: 0210400960 | 0210401140 - IKA: 335351 - INA: F230051 | F23005102 | F23005103 - Luk: 535003110 - Ruville: 58300 - Woodauto: EC4231

5574

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: A (44-70kW) 160 CDI, A 170 CDI 07/199808.04 | A 160 CDI, A 180 CDI, A 200 CDI (60-103kW) 09/2004... | B 180 Cdi, B 200 CDI 03/2005... | Vaneo 1.4, 1.6, 1.7 Cdi, 1.9 02/2002... - Mitsubishi: Colt VI 1.5 DI-D 08/2004... - Smart: ForFour 1.5 CDI 09/2004...

## ALTERNADOR / Alternator

Lester: 23171 | 23874 | 23896 - Mercedes Benz: 121540102 | 6391500250 | 6391500350 | 6401540202 | 6401540302 | 6401540402 | 6401540502 | 6681540102 | 6681540202 | 6681540302 - Mitsubishi: MN960266 - Valeo: 437415 | 439455 | SG15L012 | SG15L026

## EQUIVALENTE / Equivalent

Cargo: 233847 | 333133 - Febi: 21685 - IKA: 353451 - INA: F239809 | F553857 | F2320305 | F23203002 | F23203003 | F23203004 | F23203005 | F23203006 | F23203007 | F23203009 | F23203010 | F23203011 | F23203012 | F23980901 | F23980903 | F55385702 | F55385703 | F55385704 | F55385705 | F55385706 | F55385708 | F55385709 - Litens: 921703 - Luk: 535004510 | 535007610 | 535010110 - Mercedes Benz: 6401500160 | 6401500360 | 6401500460 | 6401500560 | 6681550115 | 6681550215 | 6681550615 - Mitsubishi: MN960267 - Ruville: 55164 | 55169 - SKF: 03826 - Swag: 10927837 - Trucktec Automotive: 0217049 - Valeo: 593618 | 593930 | 2546914 | 2601992 | 2602150 | 2602152 | 2602751 | 2603537 | 2610606 | 2600166A



5575

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Dacia: Duster 1.6 16V 04/2010... | Logan 1.6 16V 02/2006... - Nissan: Cube 1.5 dCi 03/2010... | Juke 1.5 dCi 06/2010... | Micra 1.5 dCi (Alt. 23100-00Q2J) 01/2003... | Note 1.5 dCi (Alt. 23100-00Q2J) 03/2006... | NV200 1.5 dCi (Alt. 23100-00Q2J) 02/2010... | Qashqai 1.5 dCi 02/2007... | Tiida 1.5 dCi 09/2007... - Renault: Clio Grandtour 1.2 16V, 1.5 Dci, 1.6 16V 02/2008... | Clio III 1.4 16V, 1.6 16V 06/2005... | Clio III 1.5 dCi 05/2005... | Clio III 1.5D 11/2007... | Grand Scenic 1.5 dCi 04/2004... | Kangoo 1.5 dCi fev/08 | Kangoo Be Bop 1.5 dCi 02/2009... | Laguna II 1.6 16V 02/2005... | Logan 1.6 abr/07 | Megane II (60-76kW) 1.5 dCi (Alt. Bosch 150A) 11/2002... | Megane II (78kW) 1.5 dCi (Alt. Bosch 150A) 05/2005... | Modus (48-63kW) 1.5 1.5 dCi, 1.6 (Alt. Bosch 82 00 660 033 120A / 82 00 660 034 150A) dez/04 | Modus (76kW) 1.5 dCi (Alt. Bosch 150A) mai/07 | Modus (78kW) 1.5 dCi (Alt. Bosch 82 00 660 033 120A / 82 00 660 034 150A) mai/05 | Scenic (78kW) 1.5 dCi (Alt. Bosch 150A) 05/2005... | Scenic II (60-76kW) 1.5 dCi (Alt. Bosch 150A) 06/2003... | Symbol 1.5 dCi 06/2005... | Twingo 1.5 dCi (CNOE) (Alt. Bosch 120A) 03/2007...

## ALTERNADOR / Alternator

Bosch: 0124425037 | 0124425071 | 0124425081 | 0124425082 | 0124425139 | 0124425140 | 0124425208 | 0124425525 | 0986049030 - Lester: 20411 | 23819 | 23884 | 24015 - Lucas Indiel: LRA03033 - Nissan: 2310000QOM | 2310000Q2J - Renault: 8200390667 | 8200390675 | 8200390676 | 8200660033 | 8200660034 | 8200667607 | 8200728292 - Valeo: TG11C027

## EQUIVALENTE / Equivalent

Bosch: F00M147821 | F00M147956 | F00M991219 | F00M991313 - Cargo: 238733 | 333136 - IKA: 353401 - INA: F550213 | F55021302 | F55021308 | F55021309 | F55021311 - Luk: 535010210 - Ruville: 59936 - SKF: VKM03608

5576

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 145 (930) 1.4 i.e. 07/1994...12/1996 | 145 (930) 1.9 JTD 02/1999...01/2001 | 146 (930) 1.9 JTD 02/1999...01/2001 | 147 (937) 1.9 JTD 06/2003... | 147 (937) 1.9 JTD 16V, 1.9 JTDM 16V, 1.9 JTDM 8V 11/2002... | 147 (937) 1.9 JTD, 1.9 JTDM 16V 04/2001... | 147 (937) 1.9 JTD, 1.9 JTDM 16V 10/2004... | 147 (937) 1.9 JTDM 16V 06/2008... | 156 (932) 1.9 D (93kW) 11/2003...05/2006 | 156 (932) 1.9 D, 1.9 JTD 16V 11/2002...05/2006 | 156 (932) 1.9 D, 1.9 JTD, 1.9 JTD 16V Q4 11/2002...05/2006 | 156 (932) 1.9 JTD (77kW), 2.4 JTD (100kW) 09/1997...10/2000 | 156 (932) 1.9 JTD (81kW) 10/2000...05/2001 | 156 (932) 1.9 JTD (85kW) 05/2001...05/2006 | 156 (932) 2.4 D, 2.4 JTD (120-129kW) 06/2003...09/2005 | 156 (932) 2.4 JTD (100-103kW) 05/2000...05/2006 | 156 (932) 2.4 JTD (110kW) 03/2002...05/2006 | 159 1.9 JTDM 16V, 1.9 JTDM 8V (85-110kW) 09/2005... | 166 (936) 2.4 JTD (100kW) 09/1998...10/2000 | 166 (936) 2.4 JTD (103-136kW) 10/2000... | GT (937C) 1.9 JTD 11/2003... | GT 1.9 JTD 2003... - Fiat: Brava 1.9 D 10/1995...10/2001 | Brava 1.9 JTD (74kW) 09/2000...10/2001 | Brava 1.9 JTD 105 12/1998...10/2001 | Brava 1.9 TD 75 S (55kW), 1.9 TD 100 S (74kW) 03/1996...10/2001 | Bravo (182) 1.9 D 10/1995...10/2001 | Bravo (182) 1.9 JTD 09/2000...10/2001 | Bravo (182) 1.9 JTD 105 12/1998...10/2001 | Bravo (182) 1.9 TD 75 S, 1.9 TD 100 S 03/1996...10/2001 | Bravo (198) 1.4 T-Jet (110kW) 09/2007... | Bravo (198) 1.4 T-Jet (66-88kW) 03/2008... | Bravo (198) 1.4, 1.4 T-Jet (103kW) 04/2007... | Bravo (198) 1.9 D Multijet (66kW) 04/2007...12/2008 | Bravo (198) 1.9 D Multijet (88-110kW) 04/2007... | Cromia (194) 1.9 D Multijet 06/2005... | Doblo (119, 223) 1.9 D (46kW) 06/2005... | Doblo (119, 223) 1.9 JTD Multijet (88kW) 10/2005... | Doblo (119, 223) 1.9 JTD (74kW) 10/2001... | Doblo (119, 223) 1.9 JTD (77kW) 07/2003... | Grand Punto (199) 1.9 D Multijet 10/2005... | Idea 1.9 JTD 01/2004... | Marea (185) 1.9 JTD abr/99 | Marea (185) 1.9 JTD 110 01/2001... | Marea (185) 1.9 TD 100 09/1996... | Marea (185) 2.4 JTD 04/1999... | Multipla (186) 1.9 JTD abr/99 | Multipla (186) 1.9 JTD (186AXE1A) 04/2002... | Multipla (186) 1.9 JTD 110, 1.9 JTD 115 03/2001... | Palio 1.9 D/1.9 JTD EL 09/2000... | Punto 1.9 D 60/1.9 DS 60, 1.9 JTD 80 02/2000... | Punto 1.9 JTD (63kW) 09/1999... | Punto 1.9 JTD (74kW) 06/2003... | Siena 1.9 11/2000... | Stilo (192) 1.9 D Multijet (59kW) 09/2005... | Stilo (192) 1.9 D, 1.9 JTD (192AXS1B, 192BXS1B) (66kW) 09/2004... | Stilo (192) 1.9 JTD (85kW) | Strada (178E) 1.9 D 12/2000... | Strada (178E) 1.9 JTD 04/2003... - Lancia: Delta III 1.6 Multijet, 1.9 Multijet, 2.0 Multijet 09/2008... | Kappa (838) 2.4 JTD, 2.4 TD 08/1994...10/2001 | Lybra (839) 1.9 JTD (77kW), 2.4 JTD (99kW) 09/1999...09/2000 | Lybra (839) 1.9 JTD (81kW) 09/2000...05/2001 | Lybra (839) 1.9 JTD (85kW) 05/2001... | Lybra (839) 2.4 JTD (103-110kW) 09/2000... | Musa 1.9 Multijet 10/2004... | Thesis 2.0 Turbo, 2.4, 2.4 JTD 07/2002... | Thesis 2.4 JTD 05/2003... - Opel: Astra H 1.9 CDTI (Alt. Denso 100/120/130A) 04/2004... | Astra H GTC 1.9 CDTI (Alt. Denso 100/120/130A) 03/2005... | Signum 1.9 CDTI (Alt. Denso 100/120/130A) 04/2004... | Vectra C/GTS 1.9 CDTI (74kW) (Alt. Denso 100/120/130A) 10/2005... | Vectra C/GTS 1.9 CDTI (88-110kW) (Alt. Denso 100/120/130A) 04/2004... | Zafira 1.9 CDTI (Alt. Denso 100/120/130A) 07/2005... - Saab: 42803 1.9 TiD/1.9 TTDi 09/2004... | 42803 1.9 TTDi ano 12/2007... | 42864 1.9 TiD ano 01/2006... | 9-3 X 1.9 TTDi ano 02.09- 02/2009... - Vauxhall: Astra Mk V 1.9 CDTI, 1.9 CDTI 16V, 1.9 LE 04/2004... | Signum 1.9 CDTI, 1.9 CDTI 16V 04/2004...08/2005 | Vectra Mk II 1.9 CDTI, 1.9 CDTI 16V 04/2004...07/2008 | Zafira MK II 1.9 CDTI 07/2005...

## ALTERNADOR / Alternator

Fiat: 46748353 | 46763533 | 46763534 | 46765838 | 46774428 | 46774429 | 46774430 | 46782213 | 46782218 | 46809068 | 46823540 | 51859052 | 51859053 | 60815944 | 60816557 | 60816954 | 73501591 | 73503235 - Lester: 23806 | 23807 | 23808 - Opel: 93180098 | 93180102 | 93180104 - Saab: 93180104

## EQUIVALENTE / Equivalent

Alfa Romeo: 9948513 | 9949129 | 9951269 - Cargo: 235719 | 333135 - Denso: 8362516 - Fiat: 9948513 | 9949129 | 9951269 - Gates: OAP7032  
General Motors/Chevrolet: 93182514 - IKA: 353621 - INA: F55405301 | F55405302 - Lancia: 9948513 | 9949129 | 9951269 - Luk: 535011510 - Opel: 1204413  
Ruville: 55376 - Saab: 93182514 - SKF: VKM03206 - VM Motori MSY: MSY836251600

5578

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Hyundai: Accent (60kW) 1.5 CRDi 01/2002... | Accent (81kW) 1.5 CRDi GLS 11/2005... | Click (60kW) 1.5 CRDi 03/2003... | Click (75kW) 1.5 CRDi GLS 07/2004...08/2005 | Excel 1.5 CRDi 04/2002... | Getz (60kW) 1.5 CRDi mar/03 | Getz (75kW) 1.5 CRDi GLS 07/2004...08/2005 | Lavita (60kW) 1.5 CRDi 10/2001... | Lavita (75kW) 1.5 CRDi 12/2004... | Matrix (60kW) 1.5 CRDi 10/2001... | Matrix (75kW) 1.5 CRDi 12/2004... | Verna III 1.5 CRDi GLS nov/05

## ALTERNADOR / Alternator

Denso: 1002132950 | 1002132990 - Hyundai: 3730027502 | 3730027503 | 3730027504 | 3730027600 | 3730027601 | 3730027602 - Lester: 23265

## EQUIVALENTE / Equivalent

Cargo: 237500 - Denso: 0810200010 | 0810200011 - Hyundai: 27500 | 27501 | 3732227500 | 3732227501 | 5021040108 - IKA: 353561 - INA: F2331061 | F23310603 | F23310604 | F23310605 | F23310606 - Lester: 9057 - Luk: 535004310 | 535011010 - Ruville: 59938 - SKF: VKM06500 - Woodauto: EC4377

5580

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Citroën: Jumper 2.2 HDi 100, 2.2 HDi 120 04/2006... | Relay (74,88kW) 2.2 HDi 100/120 04/2006... | Relay (81,96,110kW) 2.2 HDi 110/130/150 07/2011... - Fiat: Ducato 100 2.2 D Multijet jul/06 - Ford: Transit 2.2 TDCI 07/2006... | Transit Tourneo 2.2 TDCI jul/06 - Peugeot: Boxer 2.2 HDi 100, 2.2 HDi 120 04/2006...

## ALTERNADOR / Alternator

Bosch: 0121615002 | 0125711001 | 0125711017 | 0986047910 - Citroën: 5702L2 | 5705EA - Fiat: 77364082 | 9658144680 | 9659918080 | 9676143580 - Ford: 1404791 | 1581843 | 6C1T10300BA | 6C1T10300BB | 6C1T10300BC | 6C1T10300BD | BK2T10300BB - Lester: 11563 | 11722 | 20251 | 20330 | 20786 | 20855 | 23925 | 24230

## EQUIVALENTE / Equivalent

Bosch: F00M349877 | F00M391107 | F00M391118 | F00M391120 | F00M599403 - Cargo: 330895 - Fiat: 77364082 - IKA: 353841 - INA: F554766 | F55476601 - Luk: 535016010 - Ruville: 59914 - SKF: VKM03407

5581

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: C 320, C 350 CDI 01/2005... | CLK320 CDI jan/05 | CLS350 abr/09 | CLS350 CDI (218.323) jan/11 | E 280 CDI 03/2005... | E 300 BLUETEC 03/2005... | E 320 CDI 03/2005... | E 320 T CDI 03/2005... | E 350 CDI, BlueTEC 01/2009... | GL320, GL350 CDI 09/2006... | GL350 CDI BlueTEC (Alt. Valeo 180A) 12/2009... | GLK320, 350 CDI 06/2008... | M280, ML300, M320, ML350 CDI 07/2005... | ML350 CDI BlueTEC 09/2009... | R280, 300 CDI (140kW) 05/2006... | R320,350 CDI 01/2006... | R350 (Alt. Valeo 180A) 07/2009... | Sprinter 3-T 209 | Sprinter 3-T 211 | Sprinter 3-T 213 | Sprinter 3-T 215 | Sprinter 3-T 218 | Sprinter 3-T 219 | Sprinter 3-T 309 | Sprinter 3-T 311 | Sprinter 3-T 313 | Sprinter 3-T 315 | Sprinter 3-T 318 | Sprinter 3-T 319 | Sprinter 3-T 415 | Sprinter 3-T 419 | Sprinter 3-T 518 | Sprinter 3-T 519 | Viano 3.0 CDI 03/2006... | Vito 120 CDI 09/2007...

## ALTERNADOR / Alternator

Lester: 11306 | 11457 | 20122 - Mercedes Benz: 4801250AA | 04801250AA | 4801250AB | 04801250AB | 04801250AC | 04801250AD | 6421540402

## EQUIVALENTE / Equivalent

Dayco: ALP2389 - Gates: OAP7086 - IKA: 353741 - INA: F239808 | F23980801 | F23980802 | F23980803 | F23980804 | F23980805 | F23980806 - Luk: 535014010  
Mercedes Benz: 6421500360 | 6421500660 - Ruville: 55196 - SKF: VKM03823 - Valeo: 593960 | 2603330 | 2604641

5582

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Nissan: Qashqai 2.0 02/2007... | Sentra L4 2.0 2007...2010 | Tiida 1.8 09/2007... | Versa L4 1.8 2007...2009 | X-Trail 2.0 (103kW-Hitachi alt) 06/2008... | X-Trail 2.0 (104kW-Hitachi alt) 06/2007... | X-Trail 2.0 (104kW-Mitsubishi alt) 03/2007...

## ALTERNADOR / Alternator

Lester: 11343 | 11413 | 11436 | 13258 | 24075 - Mitsubishi: A2TG0881ZC - Nissan: 231001FC1A | 231001KM1A | 231001KM1B | 231001KM1M | 231002501R | 231002FP1B | 231003TC1A | 231003TS1A | 231004FN1B | 231006754R | 231009412R | 23100CJ41B | 23100ED000 | 23100EE51B | 23100EL010 | 23100EM01B | 23100EM02C | 23100JD200 | 23100JD21A | 23100JD22M | 23100JN81A | 23100ZW40A | 23100ZW40B | 23100EM01BR | 23100675412R

## EQUIVALENTE / Equivalent

Cargo: 333065 - IKA: 354541 - INA: F557045 | F55704501 - Luk: 535014610 - Melco: A252C55075 - Nissan: 231511KM1A | 23151EL010 | 23151JD20A - Ruville: 59943 - SKF: VKM06203

5583

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Hyundai: Accent (MC) 1.5 CRDi GLS 11/2005... | Elantra (XD) CRDi 02/2006... | Getz 1.5 CRDi 03/2003... | Getz 1.5 CRDi 08/2005... | Getz 1.5 CRDi GLS 07/2004...08/2005 | Getz 1.5 CRDi GLS 08/2005... | I10 1.1 CRDi 01/2008... | I20 1.6 CRDi 09/2008... | I30 1.6 CRDi 10/2007... | I30 CW 1.6 CRDi 02/2008... | Matrix 1.5 CRDi 08/2005... | Matrix (FC) 1.5 CRDi 12/2004... | ND 6L 1.6 CRDi 09/2008... | Verna Diesel - Kia: Cerato 1.5 CRDi 07/2005... | Cerato 1.6 CRDi 06/2005... | Picanto 1.1 D 11/2005... | Soul 1.6 CRDi 02/2009...

## ALTERNADOR / Alternator

Hyundai: 373002A000 | 373002A050 | 373002A100 | 373002A110 | 373002A300 | 373002A460 | 373222A000 | 373222A100 | 373222A110 - Kia: 373002A010 | 373002A110 | 373002A150 | 373222A000 | 373222A110 - Lester: 20409 | 20655 | 20796 | 24024

## EQUIVALENTE / Equivalent

INA: F2360711 | F23607102 | F23607103 | F23607104 | F23607105 | F23607106 | F23607107 | F23607108 - Luk: 535018710 - Ruville: 59949 - Valeo: 406880 | 595286 | 2604051 | 2655103 | 2655475 | 2655507

5584

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Nissan: Qashqai 2.0 dCi (Alt. Mitsubishi 23100-JD71A) 02/2007... | X-Trail (T31) 2.0 dCi, 2.0 dCi FWD 06/2007... - Opel: Movano 2.3 CDTI 12/2010... - Renault: Grand Scenic 2.0dCi (110kW) 02/2009... | Grand Scenic 2.0dCi (118kW) 04/2009... | Koleos 2.0dCi, 2.0 dCi 4x4 09/2008... | Laguna III 2.0 dCi (Alt. Mitsubishi 210A) 10/2007... | Latitude 2.0 dCi, 3.0 dCi 02/2011... | Megane III / Megane III Grandtour 2.0 dCi (110kW) 10/2010... | Megane III / Megane III Grandtour 2.0 dCi (118kW) 04/2009... | Scenic 2.0dCi (110kW) 02/2009... | Scenic 2.0dCi (118kW) 04/2009... - Vauxhall: Movano MkII 2.3 CDTI FWD 05/2010... | Movano MkII 2.3 CDTI RWD 07/2010...

## ALTERNADOR / Alternator

Lester: 20389 | 20535 | 20776 | 20776A - Nissan: 23100JD71A | 23100JG71A - Renault: 404465 | 571531 | 654785

## EQUIVALENTE / Equivalent

Cargo: 330516 - INA: F552305 - Luk: 535015310 - Melco: A252C55875 - Nissan: 23151JG71B - SKF: VKM03610

5585

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 78

## APLICAÇÃO / Application / Aplicación

Dacia: Lodgy 1.5 dCi 03/2012... - Mitsubishi: Juke (F15) - 1.5 dCi 06/2010... - Renault: Laguna III (BT0/1) 1.5 dCi (BT0A) 10/2007... | Laguna III (KT0/1) 1.5 dCi (KT0A) 10/2007... | Megane II (BM0/1,CM0/1) 1.5 dCi 05/2005... | Megane II Combi (KM0/1) 1.5 dCi (KM16, KM1E) 05/2005... | Megane II Coupé-Cabriolet (EM0/1) 1.5 dCi (EM1E) 03/2006... | Megane II três volumes (LM0/1) 1.5 dCi 05/2005... | Megane III Coupé (DZ0/1) 1.5 dCi (DZ09, DZ0D, DZ1F, DZ1G) 02/2009... | Megane III Coupé (DZ0/1) 1.5 dCi (DZ0B) 02/2009... | Megane III Grandtour (KZ0/1) | Megane III Grandtour (KZ0/1) 1.5 dCi (KZ1M, KZ1W) 02/2009... | Megane III Hatchback (BZ0) 1.5 dCi 02/2009... | Megane III Hatchback (BZ0) 1.5 dCi (BZ09) 02/2009... | Scenic II (JM0/1) 1.5 dCi (JM1E) 05/2005...

## ALTERNADOR / Alternator

Lester: 20043 | 20255 - Melco: A004TJ0581 | A004TJ0582 | A004TJ0582ZE - Mitsubishi: A4TJ0582 | A4TJ0582ZC - Renault: 7711368727 | 8200660057 | 8200960533

## EQUIVALENTE / Equivalent

Cargo: 333081 - IKA: 354661 - INA: F550883 | F55088301 | F55088302 - Luk: 535015410 - Melco: A252C55975 - Mitsubishi: A252C559FE

5586

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Citroën: C-Crosser 2.2 Hdi 02/2007... | C-Crosser Enterprise 2.2 Hdi 01/2009... - Mitsubishi: Outlander II 2.2 DI-D 4WD (115kW) 08/2007... | Outlander II 2.2 DI-D 4WD (130kW) 07/2010... - Peugeot: 4007 (GP) 2.2 Hdi 02/2007...

## ALTERNADOR / Alternator

Citroën: 5702G8 | 5702K7 | 5705JV | 5705NF - Lester: 20131 - Lucas Indiel: LRA03243 - Peugeot: 9662731680 - Remy: DRA0608

## EQUIVALENTE / Equivalent

IKA: 354751 - INA: F55601401 - Luk: 535017010 - Ruville: 56649 - Valeo: 2604130

5587

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Citroën: Berlingo 1.6 04/2008... | C3 1.4 (54kW) 02/2002... | C3 1.4 16V, 1.4 i (54-65kW) 02/2002... | C3 1.4, 1.4 16V, 1.6 (70-80kW) 05/2003... | C3 1.6 (88kW) 02/2009... | C3 1.6 16V (80kW) fev/02 | C4 1.4 16V, 1.6 16V, 1.6 16V Bio-Flex (65-80kW) 11/2004... | C4 1.6 16V, 1.6 THP 150 (110kW) 07/2008... | C4 1.6 THP 140 (103kW) 07/2008... | C4 1.6 VTI 120 (88kW) 07/2008... | C5 1.6 16V (115kW) 04/2009... | DS3 1.4 16V, 1.6 16V (70-88kW) 04/2010... | DS3 1.6 16V (115kW) 04/2010... | DS4 1.6 VTI 120, 1.6 THP 155, 1.6 THP 200 04/2011... - Peugeot: 207 1.4 16V (70kW) 06/2007... | 207 1.4, 1.4 16V (53-65kW) 02/2006... | 207 1.6 16V RC, 1.6 16V Turbo (110-128kW) 02/2007... | 207 1.6 16V Turbo (110kW) 02/2006... | 207 1.6 16V, 1.6 16V Vti (88kW) 02/2007... | 3008 1.6 THP, 1.6 Vti (88-110/115kW) 06/2009... | 308 1.4 16V (70kW) 09/2007... | 308 1.4 16V (72kW) 12/2009... | 308 1.6 16V (115kW) 06/2009... | 308 1.6 16V (128kW) 03/2008... | 308 1.6 16V (88/103/110kW) 09/2007... | 5008 1.6 16V (88-115kW) 09/2009... | Partner 1.6 04/2008... | Ranch 1.6 04/2010... | RCZ 1.6 16V (115kW) 03/2010... | RCZ 1.6 16V (147kW) 06/2010...

## ALTERNADOR / Alternator

Lester: 20164 | 23895 - Melco: A003TG5281ZE | A005TG0881ZE - Peugeot: 5702J0 | 5702J3 | 5705KG | 5705KQ

## EQUIVALENTE / Equivalent

INA: F560968 - Luk: 535019310 - Ruville: 59955

5588

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Toyota: Echo Hatchback (NCP13, NCP12) 1.4 D4d (55kW) 01/2000...03/2003 | Vitz (P1) 1.4 D4-D (55kW) 12/2001... | Yaris (SCP1, NLP1, NCP1) 1.4 D4-D (55kW) 12/2001...09/2005 | Yaris Verso (NLP2, NCP2) 1.4 D4-D (55kW) 12/2001...09/2005

## ALTERNADOR / Alternator

Denso: 1022112770 | 1022112780 - Lester: 23859 - Toyota: 2706033030 | 2706033040

## EQUIVALENTE / Equivalent

Cargo: 237587 - Denso: 0210401100 | 0210401410 - IKA: 354361 - INA: F579125 - Luk: 535019910 - NTN: 359V11 - Ruville: 59961 - Toyota: 2741533020

5589

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Ford: Galaxy 2.0 SCTi 03/2010... | Modeo IV 2.0 SCTi mar/10 | S Max 2.0 SCTi 03/2010... - Land Rover: Evoque 2.0 06/2011... - Volvo: S60 II 2.0T, T5 04/2010... | S80 2.0T 01/2010... | S80 T5 10/2010... | V60 2.0T, T5 09/2010... | V70 III 2.0T, T5 01/2010... | XC60 2.0T 03/2010...

## ALTERNADOR / Alternator

Ford: 9G9N10300AA | 9G9N10300BA | 9G9N10300BB - Lester: 11722 | 20528 | 20529 | 22589 - Volvo: 31260072 | 31260073 | 36002584 | 36002650

## EQUIVALENTE / Equivalent

Bosch: F00M349903 | F00M391150 - Cargo: 333071 - IKA: 354301 - INA: F561957 | F56195703 | F56195704 - Luk: 535020010 - Swag: 55934598 - Volvo: 31285489

5590

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Opel: Combo 1.4, 1.4 16V 10/2004... | Corsa D 1.2, 1.2 ecoFLEX (59-63kW) 07/2006... | Corsa D 1.4 (66kW) 07/2006... | Corsa D 1.4, 1.4 ecoFLEX 09/2009... | Meriva 1.4 06/2010... - Vauxhall: Corsa Mk II 1.2 (59kW) 07/2006... | Corsa Mk II 1.2 i 16V (63kW) 06/2010... | Corsa Mk II 1.4 (66kW) 07/2006... | Corsa Mk II 1.4 16V (74kW) 07/2010... | Corsavan Mk II 1.2 i 16V (51kW) 07/2006... | Meriva Mk II 1.4 out/06

## ALTERNADOR / Alternator

Bosch: 0124425085 | 0124425087 | 0124515112 - Lester: 24122 | 24144 - Opel: 13266809 | 13266810

## EQUIVALENTE / Equivalent

Bosch: F00M991181 | F00M992718 - Cargo: 333073 - General Motors/Chevrolet: 13266813 | 93185744 - IKA: 354381 - INA: F553240 | F23891801 | F23891802 | F55324001 - Luk: 535012210 | 535021110 - Opel: 1204184

5591

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Honda: Accord IX 2.2 i-DTEC 07/2008... | Accord VII (CL) 2.2 i-CTDi 01/2004... | Accord VII Tourer (CM) 2.2 i-CTDi 01/2004... | Accord VIII (CU) 2.2 i-DTEC 07/2008... | Accord VIII Combi 2.2 i-DTEC 07/2008... | Civic VIII Hatchback (FN,FK) 2.2 CTDi 01/2006... | CR-V II (RD) 2.2 CTDi 02/2005...09/2006 | CR-V III (RE) 2.2 i-CTDi 4WD 01/2007... | CR-V III (RE) 2.2 i-DTEC 4WD 01/2007... | FR-V (BE) 2.2 i CTDi 07/2005...

## ALTERNADOR / Alternator

Denso: 1042102660 | 1042103911 | 1042104860 - Honda: CSC91 | CSG66 | 31100RBDE02 | 31100RLOG61 | 31100RSRE01 - Lester: 20630 | 23971

## EQUIVALENTE / Equivalent

Cargo: 330634 - Honda: 31141RBDE02 - IKA: 354491 - INA: F580303 - Luk: 535021410

5592

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Hyundai: H 1 Cargo (TQ) - 2.5 CRDi (100kW) 08/2009... | H 1 Cargo (TQ) - 2.5 CRDi (120kW) 02/2008... | H 1 Cargo (TQ) - 2.5 CRDi (125kW) 02/2008... | H 1 Cargo (TQ) - 2.5 CRDi (81kW) 02/2008... | H 1 Travel (TQ) - 2.5 CRDi (100kW) 07/2008... | H 1 Travel (TQ) - 2.5 CRDi (120kW) 05/2008... | H 1 Travel (TQ) - 2.5 CRDi (125kW) 05/2008... | H 1 Travel (TQ) - 2.5 CRDi (85kW) 08/2011... - Kia: Sorento I (JC) 2.5 CRDi (120kW) 05/2006... | Sorento I (JC) 2.5 CRDi (125kW) 12/2006... - Mini: One D (R50, R53) (55kW) 1.4 D 06/2003...09/2006 | One D (R50, R53) (65kW) 1.4 D 06/2003...09/2006

## ALTERNADOR / Alternator

BMW: 12317790879 - Denso: 1042103732 - Lester: 23941 - Toyota: 2706033051

## EQUIVALENTE / Equivalent

Cargo: 333085 - Hyundai: 373224A300 | 373224A310 - IKA: 354631 - INA: F581342 - Kia: 373224A300 | 373224A310 - Luk: 535021510 - Mini: 12317790877  
Ruville: 59978

5593

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Hyundai: IX35 2.0 CRDi, 2.0 CRDi 4WD, 2.0 CRDi All-wheel Drive (110kW) 01/2010... | Santa Fé II 2.0 CRDi, 2.0 CRDi 4x4 (110kW) 12/2010... | Santa Fé II 2.0 CRDi, 2.0 CRDi 4x4 (145kW) 01/2009... | Tucson 2.0 CRDi, 2.0 CRDi All-wheel Drive (110kW) 01/2009... - Kia: Sorento 2.0 CRDi, 2.0 CRDi 4WD (110kW) 01/2009... | Sorento 2.0 CRDi, 2.0 CRDi 4WD (145kW) 11/2009...

## ALTERNADOR / Alternator

Hyundai: 373002F000 | 373002F100 | 373002F200 - Kia: 373002F000 | 373002F100 | 373002F200 - Lester: 20133 | 20338

## EQUIVALENTE / Equivalent

Hyundai: 373222F000 - IKA: 354791 - INA: F560201 - Kia: 373222F000 - Luk: 535021610 - Valeo: 2605819

5594

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Hyundai: Azera 01/2011... | ix35 (LM, EL, ELH) 08/2009... | Santa Fé II 2.4 11/2010... | Santa Fé II 2.4 4x4 07/2010... | Sonata VI (YF) 01/2009...12/2015 - Kia: Sorento 2.4 CVVT, 2.4 CVVT 4WD (129kW) 11/2009...

## ALTERNADOR / Alternator

Hyundai: 373002G500 - Kia: 373002G500 | 373002G760 - Lester: 11493 | 11606 | 11710 | 14006 - Valeo: 2607928

## EQUIVALENTE / Equivalent

Hyundai: 373222G500 - INA: F567535 | F56753501 | F56753502 | F56753503 - Kia: 373222G500 - Luk: 535021710 - Valeo: 2607575 | 2607575A

5595

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Audi: A4 (8K2,B8) 2.7 TDI, 3.0 TDI quattro 11/2007... | A4 (8K5, B8) 2.7 TDI, 3.0 TDI quattro 04/2008... | A4 Allroad Estate (8KH,B8) 3.0 TDI quattro 04/2009... | A5 (8T3) 2.7 TDI, 3.0 TDI quattro 06/2007... | A5 (8T3, 8TA) 3.0 TDI, 3.0 TDI quattro 10/2011... | A5 (8TA,8F7) 2.7 TDI, 3.0 TDI quattro 09/2009... | A6 (4G2,C7) 3.0 TDI, 3.0 TDI quattro 03/2011... | A6 Avant (4F2,4F5,C6) 2.7 TDI, 2.7 TDI quattro, 3.0 TDI quattro 10/2008...03/2011 | A6 Avant (4G5) 3.0 TDI, 3.0 TDI quattro 05/2011... | A7 Sportback (4GA) 3.0 TDI, 3.0 TDI quattro 11/2010... | A8 (4E) 3.2 FSI, 3.2 FSI quattro, 4.2 TDI quattro 07/2005...07/2010 | A8 (4H) 3.0 TDI 09/2011... | A8 (4H) 3.0 TDI quattro 07/2010... | Q5 (8R) 3.0 TDI 11/2008... | Q7 (4L) 3.0 TDI (165kW) 06/2009...05/2010 | Q7 (4L) 3.0 TDI (176kW) 11/2007... | Q7 (4L) 3.0 TDI (180kW) 05/2011... | Q7 (4L) 4.2 TDI (240kW) 03/2007... | Q7 (4L) 6.0 TDI (368kW) 09/2008... - Volkswagen: Touareg (7P5) 3.0 V6 TDI 01/2010...

## ALTERNADOR / Alternator

Bosch: 0121715180 - Lester: 11287 | 11730 | 11731 | 20138 | 20752 - Volkswagen: 059903018A | 059903018B | 059903018K | 059903018S | 059903018SX

## EQUIVALENTE / Equivalent

Audi: 059903119G | 059903119H | 059903119L - Bosch: F00M349911 | F00M991264 - Hitachi: GD115071 - IKA: 354671 - INA: F55162301 - Luk: 535022210  
Valeo: 2604159 | 2612688

5596

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Opel: Meriva (B) 1.4 06/2010... - Vauxhall: Meriva Mk II (B) 1.4 06/2010...

## ALTERNADOR / Alternator

Bosch: 0124425084 - Lester: 20328 | 20329 - Opel: 13284408

## EQUIVALENTE / Equivalent

Bosch: F00M992719 - General Motors/Chevrolet: 13285531 - IKA: 354641 - INA: F56233101 - Luk: 535022410

5597

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Mazda: 3 (BK) - 2.3 DiSi Turbo MPS 06/2006...06/2009 | 3 (BK) - 2.3 MPS (191 kW) 12/2006...06/2009 | 3 (BK) - 2.3 MPS (196 kW) 01/2007...06/2009 | 3 (BK) - 2.3 MZR 03/2004...03/2009 | 3 (BK) - 2.3 MZR Sport 10/2003...06/2009 | 3 (BL) - 2.3 MPS Turbo 06/2009... | 3 Sedan (BK) - 2.3 03/2004...03/2009 | 6 (GG) - 2.3 MPS Turbo 12/2005...08/2007 | Atenza (GG) - 2.3 MPS Turbo 12/2005...08/2007 | CX-7 (ER) - 2.3 DISI 01/2012... | CX-7 (ER) - 2.3 DISI AWD 01/2012... | CX-7 (ER) - 2.3 MZR DISI Turbo AWD 01/2007... | CX-7 (ER) 2.3 MZR DISI Turbo 01/2007...

## ALTERNADOR / Alternator

Lester: 11169 - Mazda: L3M618300A | L3M618300B | L3M618300C | L3M618300R0A

## EQUIVALENTE / Equivalent

IKA: 354711 - INA: F552714 | F55271401 | F55271402 - Luk: 535022510 - Mazda: L3M618W11 | L3M618W11A | L3M618W11B

5598

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Honda: Accord VIII (CU) 2.2 i-DTEC 07/2008... | Accord VIII Combi 2.2 i-DTEC 07/2008... | Civic IX (FB,FG) 1.8 02/2012... | Civic IX (FK) 1.6 i-DTEC 02/2013... | Civic IX (FK) 2.2 i-DTEC 02/2012... | CR-V III (RE) 2.2 i-CTDi 4WD 01/2007... | CR-V III (RE) 2.2 i-DTEC 4WD 01/2007... | CR-V IV (RE) 1.6 i-DTEC 10/2013... | CR-V IV (RE) 2.2 i-DTEC AWD 10/2012...

## ALTERNADOR / Alternator

Denso: 1042101140 | 1042101150 | 1042108040 - Honda: 31100R3LG01 | 31100RFWG01 | 31100RFWG51 | 31100RLOG01 | 31100RLOG51 | 31100RSXG01 | 31100RZOG01 - Lester: 11128

## EQUIVALENTE / Equivalent

Honda: 31141RLOG01 - IKA: 354701 - INA: F563515 - Luk: 535022910 - NSK: 4DFB503238

5599

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Mitsubishi: Canter Caminhão de plataforma chassis (FB,FE,FG) 3.0 Diesel (96,107,129kW) 08/2005...11/2010

## ALTERNADOR / Alternator

Bosch: 0124525216 | 0124555063 | 0124655091 | 0125811043 | 0125811044 | F000BL0622 | HD8E14V75140A - Iveco: 5801580938 - Lester: 20906 - Mitsubishi: MK667722 | MK667723 | MK667725

## EQUIVALENTE / Equivalent

Bosch: F00M992774 - IKA: 354771 - INA: F560671 | F56067102 - Luk: 535023510

5601

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Toyota: Yaris 1.4 D-4D (66kW) 11/2005...11/2008

## ALTERNADOR / Alternator

Bosch: 0124225055 - Lester: 24121 - Toyota: 270600N011

## EQUIVALENTE / Equivalent

Bosch: F00M991250 - Cargo: 330185 - IKA: 354761 - INA: F587627 - Luk: 535023810 - NTN: 360V11 - Toyota: 2741533060

5602

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 79

## APLICAÇÃO / Application / Aplicación

Audi: A4 (8K2, B8) - 3.0 TFSI quattro 02/2012... | A4 (8K2, B8) - 3.2 FSI 09/2008... | A4 (8K2, B8) - 3.2 FSI quattro 11/2007... | A4 (8K2, B8) - S4 quattro 11/2008... | A4 3.2 FSI (8K5) 04/2008... | A4 3.2 FSI (8KS) 11/2007... | A4 Avant (8K5, B8) - 3.0 TFSI quattro 02/2012... | A4 Avant (8K5, B8) - 3.2 FSI 09/2008... | A4 Avant (8K5, B8) - 3.2 FSI quattro 04/2008... | A4 Avant (8K5, B8) - S4 quattro 11/2008... | A4 S4 (8KS, 8K5) 11/2008... | A5 (8T3) - 3.0 TFSI quattro 12/2011... | A5 (8T3) - 3.2 FSI, 3.2 FSI quattro 06/2007... | A5 (8T3) - S5 quattro 10/2011... | Q5 3.2 FSI 11/2008...

## ALTERNADOR / Alternator

Lester: 11461 | 11462 | 11800 - Valeo: 440243 | 440244 - Volkswagen: 06E903016Q | 06E903016S | 06E903018L

## EQUIVALENTE / Equivalent

Audi: 06E903119Q - Gates: OAP7139 - IKA: 354391 - INA: F556311 - Luk: 535020710 - Valeo: 595333 | 2603568

5603

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 159 1.8 Tbi 05/2009... | Brera 1.8 Tbi 05/2009... | Giulietta 1.8 Tbi 04/2010... | Spider 1.8 Tbi 05/2009...

## ALTERNADOR / Alternator

Alfa Romeo: 51854898 | 51854903 - Denso: 1012101320 | 1012101321 | MS1210411580 - Lester: 11022 - Remy: DRA0929

## EQUIVALENTE / Equivalent

Alfa Romeo: 77365271 - Gates: OAP7147 - IKA: 354531 - INA: F563795 - Luk: 535021310

5604

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Fiat: Ducato 140 Natural Power, 140 Natural Power 3.0 04/2009... | Ducato 160 Multijet Power 3,0 D 07/2006...

## ALTERNADOR / Alternator

Audi: 06E903016M - Fiat: 504280012 - Lester: 23905 - Lucas Indiel: LRA03179 - Valeo: 439630 | 440197 | 2543538 | FG18S022

## EQUIVALENTE / Equivalent

Fiat: 77364797 - IKA: 354561 - INA: F559894 - Luk: 535017610 - SKF: VKM03210 - Valeo: 2604651

5605

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Audi: A6 2.8 FSI (154kW) 11/2006...10/2008 | A6 2.8 FSI quattro (154kW) 06/2007...10/2008 | A6 2.8 FSI, 2.8 FSI quattro (140kW) 10/2008...03/2011 | A6 2.8 FSI, 2.8 FSI quattro (162kW) 10/2008...03/2011 | A6 2.8 FSI, 3.0 TFSI quattro (162-213kW) 10/2008...03/2011 | A6 3.0 TFSI quattro (220kW) 10/2008...03/2011 | A6 3.2 FSI, 3.2 FSI quattro (188kW) 05/2004...10/2008 | A6 Avant 2.8 FSI (140kW) 10/2008...08/2011

## ALTERNADOR / Alternator

Audi: 06E903016T | 06E903018H - Bosch: 0121715022 | 0121715050 | 0121715075 | 0121715078 - Lester: 11222 | 11478

5605

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## EQUIVALENTE / Equivalent

Audi: 06E903119L | 06E903119R - Bosch: F00M349835 | F00M991278 | F00M992709 | F00MA47700 - Cargo: 333072 - IKA: 354311 - INA: F558658 | F55865801 | F55865802 - Luk: 535020110

5607

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Nissan: Cabstar 28.11, 35.13, 45.13 10/2006... | Frontier (D40) 2.5 DCI 4WD 04/2006... | Frontier 2.5 TDI CD SE 4X4 02/2012...12/2016 | Navara (D40) 2.5L 4CYL Turbo Diesel 04/2008...2010 | Pick Up (D22) 2.5 DI 03/2002...

## ALTERNADOR / Alternator

Lester: 20553 | 23917 - Melco: A2TJ1081 | A3TJ0781 | A3TJ0781AE | A3TJ0781ZE - Mitsubishi: A2TX1781 | A2TG1081ZT - Nissan: 231001AT1A | 23100EB310 | 23100EB315 | 23100EB31B | 23100EB71A

## EQUIVALENTE / Equivalent

IKA: 354111 - INA: F55238601 - Luk: 535017710 - Mitsubishi: A252C564FE - Nissan: 23151EB30A - Ruville: 56831 - SKF: VKM06201

5608

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Ford: Focus II (DA) 2.5 ST out/05 - Volvo: C70 D5 03/2006... | C70 II 2.4, 2.4 i, T5 03/2006... | C70 II Cabriolet T5 mar/07 | S40 II 2.4 jan/04

## ALTERNADOR / Alternator

Denso: 1042103550 | 1042103560 | 1042104640 - Ford: 3M5T10300JC | 3M5T10300JD | 3M5T10300SC | 3M5T10300SD - Lester: 11054 | 11093 | 20424 - Volvo: 8603268 | 8603496 | 30667103 | 30737529 | 36001463

## EQUIVALENTE / Equivalent

Cargo: 331742 - IKA: 354621 - INA: F582200 - Luk: 535021810 - Ruville: 59981

5609

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Lexus: IS II 200d, 220d - Mercedes Benz: C Class Estate (S203) C 320 CDI (203.220) 06/2005...08/2007 - Toyota: Auris 2.0, 2.2 D-4D mar/07 | Avensis 2.0, 2.2 D-4D | Corolla 2.0, 2.2 D-4D | Dyna 3.0 | Hiace IV, V 2.5 D-4D | Land Cruiser 3.0 D-4D | RAV 4 III 2.2 D-4D | Verso 2.0, 2.2 D-4D

## ALTERNADOR / Alternator

Lester: 20226 | 20779 | 23313 | 23947 | 24056 | 24110

## EQUIVALENTE / Equivalent

Cargo: 330527 - IKA: 354731 - INA: F585322 - Luk: 535023210 - Toyota: 2741526010 | 2741530010 | 2741530011

5610

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Subaru: Forester (SH)2.0 D 09/2008... | Impreza 2.0 D 01/2009... | Legacy IV 2.0 D 02/2008... | Outback 2.0 D 09/2008...

## ALTERNADOR / Alternator

Mitsubishi: A3TG4381 | A3TX0581 | A3TX0781 | A2TX2381A | A003TG4381 | A003TX0581 | A003TX0781 | A002TX2381A - Subaru: 23700AA590 | 23700AA640 | 23700AA660 | 23700AA661 | 23700AA662 | 23700AA730 | 23700AA731 | 23700AA732

## EQUIVALENTE / Equivalent

IKA: 354551 - INA: F558333 - Luk: 535016710 - Ruville: 59921 - SKF: VKM 06800 - Subaru: 23750AA060

5611

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Opel: Signum 2.0Turbo/2.2 05/2003...

## ALTERNADOR / Alternator

Bosch: 0124425048 | 0124425061 - Lester: 22586 - Opel: 93176035 | 93186763 | 93190894 | 555559583

## EQUIVALENTE / Equivalent

Bosch: F00M147875 | F00M991246 - General Motors/Chevrolet: 55558734 - IKA: 353801 - INA: F552861 - Luk: 535016910 - Opel: 1204419 - Ruville: 55378  
SKF: VKM03510

5612

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Citroën: C-Crosser 2.4 16V ago/08 - Mazda: 3 (BK) 10/2003...12/2009 | 3 (BL) 06/2009... | 6 (GG) 06/2002...08/2007 | 6 Station Wagon (GY) 08/2002...12/2007 - Mitsubishi: ASX 1.8 fev/02 | Lancer 1.8, 2.0 | Outlander II 2.0, 2.4 - Nissan: March IV (K13) 05/2010... | Micra IV (K13) 1.2 DIG abr/11 - Peugeot: 4007 (GP) 2.4 16V jan/08

## ALTERNADOR / Alternator

Lester: 11026 | 11377 | 11543 | 11556 | 13996 - Mitsubishi: A002TJ0881 | A002TX0881 | A003TG0081 | A003TG2881 | A003TG3181 | A003TJ0182 | A003TL0081 | A004TJ0181 | A003TG0081A | A002TX1981ZT | A003TJ0181ZC | A004TJ0181ZC - Nissan: 231003HD1A | 23700AA78A | 23700AA790

## EQUIVALENTE / Equivalent

INA: F552562 | F577572 | F55256201 - Luk: 535014510 | 535024610 - Mitsubishi: 1800A061 | 1800A313 - Subaru: 23750AA070

5613

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Hyundai: Sonata V 2.0 VVTi - Kia: Carens III 2.0 | Magentis 2.0 - Toyota: Auris 1.4 D-4D 03/2007...01/2009 | Corolla 1.4D/D-4D 07/2004...01/2009

## ALTERNADOR / Alternator

Denso: 1042104101 - Hyundai: 3730025301 | 3730025310 - Lester: 11202 | 11492 | 11508 | 23843 - Toyota: 270600N021 | 2706033071 | 2706037010

## EQUIVALENTE / Equivalent

Cargo: 330359 - Denso: 021319130 | 021319131 | 021319132 - Hyundai: 3732125301 - IKA: 354231 - INA: F581518 - Luk: 535021910 - Ruville: 59982 - Toyota: 2741533050

5614

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Infiniti: EX 09/2007... - Nissan: Armada (R51) 01/2005... | Frontier (D40) 10/2004... | Navara (D40) 3.0 dCi 4WD Diesel mar/10 | Pathfinder 3.0 dCi Diesel ago/10 | Qashqai 1.6

## ALTERNADOR / Alternator

Lester: 20381 | 30383 - Nissan: 231001BN1A | 231005X21A | 23100BR01A

## EQUIVALENTE / Equivalent

IKA: 354801 - INA: F561899 - Luk: 535023910 - Melco: A252C556FE | A252C566FD - Nissan: 231515X21A

5622

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Cruze Hatch 1.8 Motor a gasolina, 4 Cil. Transmissão Automatica | Cruze Sedan 1.8 Motor a Gasolina 4 Cil. Transmissão Automatica 6 marchas | Tracker 1.8 Motor a gasolina 4 Cil. - Opel: Astra J 1.4 Ecoflex 12/2009... | Astra J 1.6 12/2009... | Astra J 1.6 Turbo 12/2009... | Insignia 1.6, 1.6 Turbo 07/2008... | Insignia 1.8 07/2008... - Vauxhall: Astra MK VI 1.4 i 16v VVT 12/2009... | Astra MK VI 1.6 i 16v VVT 12/2009...

## ALTERNADOR / Alternator

Lester: 21512 | 21514 - Opel: 13500577 | 13500582 | 13502595 | 13579666

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 55567951 - INA: F563424 - KDAC: 222588 - Luk: 535020210 - Opel: 1204178 - Ruville: 59964

5623

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Opel: Astra J 1.3 CDTI Ecoflex 12/2009... | Astra J 1.4 Turbo e Ecoflex 12/2009... | Astra J 1.6, 1.6 Turbo 12/2009... | Astra J 2.0 CDTI 12/2009... | Insignia 1.6, 1.8, 2.0 07/2008... - Saab: 9-5 2.0 TID 05/2010... - Vauxhall: Astra MK VI 1.3 CDTI 16V 12/2009... | Astra MK VI 1.4 i 16v VVT TURBO 12/2009... | Astra MK VI 2.0 CDTI 12/2009...

## ALTERNADOR / Alternator

BMW: 12317802261 | 12317802619 | 12317805432 | 12317808073 | 12317823343 | 12317823344 | 12317823345 | 12317823347 | 12318507623 | 12318507624 | 12318507625 | 12318509022 | 12318509023 | 12318509024 | 12318578608 | 12318578609 | 12318579419 | 12318579420 - General Motors/Chevrolet: 10320213 | 13505392 | 13577154 | 13588289 | 13588303 | 13588305 | 13588306 | 15283754 | 15875992 | 95515972 - Lester: 11022 | 11399 | 11560 | 11734 | 11822 | 20202 | 20505 | 20888 - Opel: 1202119 | 1202187 | 1202188 | 1202189 | 1202191 | 1202215 | 1202309 | 1202310 | 1202318 | 1202342 | 1204621 | 1204622 | 1204623 | 1204642 | 13500314 | 13500329 | 13500583 | 13500586 | 13502581 | 13502582 | 13502593 | 13502594 | 13502987 - Valeo: FG12S031 | FG18D057 | FG18D111 | FG18S019 | FG18S045 | FG18S052 | FG18S141 | FG23S032 | FG23S033 | TG12C036 | TG12C052 | TG12C069 | TG12C070 | TG12C074 | TG12C103 | TG12C105 | TG13S011 | TG13S019 | TG13S027

## EQUIVALENTE / Equivalent

Dayco: ALP2416 - General Motors/Chevrolet: 13258483 - INA: F239807 | F563248 | F570802 | F56324801 | F56324802 - Luk: 535020310 - Opel: 1204177 - Ruville: 59965 - Swag: 40934599 - Valeo: 588028 | 2613294 | 4605956



5624

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Opel: Insignia 2.0 CDTi 07/2008... - Vauxhall: Astra MK VI 2.0 CDTi 12/2009...

## ALTERNADOR / Alternator

Lester: 20079 - Opel: 13502583

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 55565443 - INA: F563945 - KDAC: 222598 - Luk: 535020410 - Opel: 1204291 - Ruville: 59966

5625

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

Opel: Astra GTC J 1.7 CDTi Diesel | Astra J 1.7 CDTi Diesel | Astra J Sportstourer 1.7 CDTi Diesel

## ALTERNADOR / Alternator

Lester: 20046 - Opel: 1202117 | 13500186

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 55568459 - IKA: 354821 - INA: F564626 - Luk: 535022710 - Opel: 1204290 - Ruville: 59992

5626

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 80

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Cruze Hatchback (J305) 1.7 Diesel | Cruze Station Wagon (J308) 1.7 TD Diesel | Trax 1.7 TD AWD Diesel - Opel: Astra GTC J 1.7 CDTi Diesel | Astra J 1.7 CDTi Diesel | Meriva B 1.7 CDTi Diesel | Mokka 1.7 CDTi Diesel

## ALTERNADOR / Alternator

Lester: 20587 - Opel: 1202118 | 13500187 | 13579626

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 55566587 - IKA: 354811 - INA: F564321 - Luk: 535022810 - Opel: 1204188 - Ruville: 59993

5627

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 159 1.9 JTDM 8/16 V | 159 SW 1.9 JTDM - Fiat: Bravo 1.9 JTD 16 V | Croma 1.9 JTD 8/16 V | Grand Punto 1.9 JTD | Stilo 1.9 JTD 16V, S.W - Opel: Astra H 1.9 CDTi | Signum 1.9 CDTi | Vectra C 1.9 CDTi | Zafira B 1.9 CDTi 07/2005...

## ALTERNADOR / Alternator

Bosch: 0124425100 - Lester: 20417

## EQUIVALENTE / Equivalent

Bosch: F00M992730 - IKA: 354651 - INA: F559569 - Luk: 535023410 - Ruville: 55395

5628

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Cruze 1.4 | Orlando 1.4 - Opel: Astra J 1.4 | Cascada 1.4 | Corsa D 1.2, 1.4 LPG | Insignia 1.4 | Meriva B 1.4 | Zafira C 1.4

## ALTERNADOR / Alternator

Lester: 11560 | 11654 | 24109 - Opel: 1202243 | 13581893

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 55579927 | 55580127 - IKA: 354741 - INA: F56324803 - Luk: 535024210 - Opel: 1204293 | 1204301 - Ruville: 59013 - Valeo: 2613294 | 2618008

5629

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Citroën: Berlingo 1.6 HdI 04/2008... | Berlingo 1.6 HdI 75 07/2005... | Berlingo 1.6 HdI 90 07/2005... | C2 1.4 HdI 09/2003... | C2 1.6 HdI 09/2005... | C3 1.4 HdI 16V, 1.4 HdI 02/2002... | C3 1.6 16V HdI, 1.6 HdI 10/2005... | C3 1.6 HdI 11/2009... | C4 1.6 HdI 90, 1.6 HdI 110 FAP 11/2004... | C5 1.6 HdI 09/2004...02/2008 | XSara Picasso 1.6 HdI 05/2004... - Fiat: Ducato 2.0 | Scudo 1.6, 1.9 e 2.0 | Ulysse 2.0 e 2.2 - Ford: Fiesta V 1.4 TDCi 11/2001... | Fiesta V 1.6 TdCi 11/2004... | Fiesta Van 1.4 TdCi 10/2003... | Fiesta VI 1.4 TDCi, 1.6 TDCi 10/2008... - Lancia: Phedra 2.0 e 2.2 - Mazda: 2 1.4 MZR 01/2008... | 2 1.6 MZ-CD 10/2008... | 3 BL 1.6 MZR-CD 06/2009... - Peugeot: 1007 1.4 HdI, 1.6HdI 04/2005... | 107 1.4 HdI 06/2005... | 206 1.4 HdI, 1.6 HdI FAP 110 09/2001... | 207 1.4 HdI, 1.6 HdI 02/2006... | 3008 1.6HdI 06/2009... | 307 1.4 HdI, 1.6 HdI 10/2001... | 308 1.6 HdI 09/2007... | 407 1.6 HdI FAP 110 05/2004... | 5008 1.6HdI 09/2009... | Bipper AA 1.4 HdI 02/2008... | Expert 1.6 HdI 90 01/2007... | Partner 1.6 HdI 04/2008... | Partner 1.6 HdI 75 02/2006... | Partner 1.6 HdI 90 02/2006... - Suzuki: SX4 1.6

5629

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## ALTERNADOR / Alternator

Fiat: 9646321780 - Ford: 8V2110300AB | 8V2110300BB - Lester: 20029 | 20130 | 20256 | 20649 | 20653 | 20667 | 23301 | 24052 | 24053 | 24078 | 24079 | 24080  
Mazda: Y40518300 | Y40618300 - Peugeot: 5705AS | 5705EY | 9670899580 - Renault: 9665617780 - Valeo: 437471 | 440199 | 5705AS | 5705EY | 2610711D |  
TG12C038 | TG12C106 | TG15C118 | TG15C134 | 216181351 | Y40518300 | Y40618300 | 8V2110300AB | 8V2110300BB

## EQUIVALENTE / Equivalent

IKA: 354351 - INA: F23659102 | F23659105 | F23659107 - Luk: 535019410 - Ruville: 59956 - Valeo: 2601052 | 2602892 | 2603530

5630

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: A Class (W176) 06/2012...

## ALTERNADOR / Alternator

Bosch: 0124525096 - Renault: 8200459716

## EQUIVALENTE / Equivalent

Bosch: F00M147828 | F00M591117 | F00M599463 | F00M991229 - Cargo: 235733 - IKA: 353421 - INA: F583172 | F55021306 - Luk: 535012310 - Mercedes Benz:  
6071500060 - Ruville: 59916

5631

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Audi: A4 (8EC, B7) 11/2004...06/2008 | A4 Avant (8ED, B7) 11/2004...06/2008 | A4 Cabriolet (8H7, B6, 8HE, B7) 04/2002...03/2009 | A6 (4F2, C6) 05/2004...03/2011 | A6  
Avant (4F5, C6) 03/2005...08/2011

## ALTERNADOR / Alternator

Audi: TG16C011 | 06E903016E | 06E903016F | 06E903016G | 06E903016K - Lester: 11160 | 11162 | 23829

## EQUIVALENTE / Equivalent

Audi: 06E903119E | 06E903119P - INA: F23977901 | F23977902 | F23977903 - Luk: 535013010 - Ruville: 55380 - Valeo: 593920 | 2602216 | 2604507

5632

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Audi: A4 (8D2, B5) 11/1994...09/2001 | A4 (8E2, B6) 11/2000...12/2004 | A4 (8EC, B7) 11/2004...06/2008 | A4 Avant (8D5, B5) 11/1994...09/2001 | A4 Avant (8E5, B6)  
04/2001...12/2004 | A4 Avant (8ED, B7) 11/2004...06/2008 | A4 Convertible (8H7, B6, 8HE, B7) 04/2002...03/2009 | A6 (4B2, C5) 01/1997...01/2005 | A6 Avant (4B5, C5)  
11/1997...01/2005

## ALTERNADOR / Alternator

Audi: 06B903016S | 06B903016AA - Lester: 23116 | 23256

## EQUIVALENTE / Equivalent

Audi: 06B903119A - Dayco: ALP2380 - Gates: OAP7087 - INA: F234739 | F23473903 | F23473904 | F23473905 - Luk: 535003610 - Ruville: 55755 - SKF: VKM03117  
Valeo: 584259 | 593494 | 2548703A

5633

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

BMW: 1 (E81) 09/2004...09/2012 | 1 (E87) 11/2003...09/2012 | 1 Convertible (E88) 03/2008... | 1 Coupe (E82) 10/2007... | 3 (E90) 01/2005...12/2011 | 3 Convertible (E93)  
08/2006... | 3 Coupe (E92) 06/2006... | 3 Touring (E91) 09/2005... | 5 (E60) 07/2003...03/2010 | 5 Touring (E61) 06/2004... | X5 (E70) 02/2007...12/2012

## ALTERNADOR / Alternator

BMW: 12317542351 | 12317550469 | 12317558219 | 12317558220 | 12317560985 | 12317560986 - Bosch: 0121715016 | 0121715017 | 0121715018 | 0121715116 |  
0121715117 | 0121715118 - Lester: 11302 | 11362 | 20446

## EQUIVALENTE / Equivalent

BMW: 12317560678 - Bosch: 0121C00401 | F00M349824 | F00M349899 | F00M391158 | F00M991260 - Gates: OAP7084 - INA: F55400702 | F55400703 - Luk:  
535016410 - Ruville: 59918 - SKF: VKM03873

5634

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Ford: Mondeo IV (BA7) 03/2007... | Mondeo IV Saloon (BA7) 03/2007... | Mondeo IV Turnier (BA7) 03/2007... | S-Max (WA6) 05/2006... - Volvo: S40 II (MS) 01/2004... |  
S60 I 07/2000...04/2010 | S60 II 04/2010... | S80 II (AS) 03/2006... | V50 (MW) 04/2004... | V60 09/2010... | V70 II (SW) 03/2000...08/2007 | V70 III (BW) 08/2007... | XC60  
05/2008... | XC70 Cross Country 11/1997...08/2007 | XC70 II 08/2007... | XC90 I 10/2002...

5634

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## ALTERNADOR / Alternator

Bosch: 0121615005 | 0121715008 - Ford: 1379701 | 1388004 | 30667118 | 30667119 | 36000037 | 36000038 | 6G9N10300HA | 6G9N10300HB | 6G9N10300HC | 6G9N10300HD | 6G9N10300JB | 6G9N10300JD - Lester: 20620 | 20855 | 23976 | 24142

## EQUIVALENTE / Equivalent

Bosch: F00M349813 | F00M391113 | F00M391139 - INA: F553392 | F55339201 - Luk: 535012110 - Ruville: 59911 - SKF: VKM03653 - Volvo: 30667682

5635

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

BMW: 1 (F20) 11/2010... | 1 (F21) 12/2011... | 2 Coupe (F22) 10/2013... | 3 (F30, F35, F80) 10/2011... | 3 Gran Turismo (F34) 03/2013... | 3 Touring (F31) 10/2011... | 4 Convertible (F33, F83) 10/2013... | 4 Coupe (F32, F82) 07/2013... | 5 (F10, F18) 03/2010... | 5 Touring (F11) 04/2010...12/2011 | Gran Coupe (F36) 03/2014... | X1 (E84) 03/2009... | X3 (F25) 09/2010... | Z4 (E89) 05/2009... - Ford: B-MAX 10/2012... | EcoSport 09/2011... | Fiesta VI 06/2008... | Focus III 04/2011... | Focus III Saloon 04/2011... | Focus III Turnier 05/2011... | Tourneo Courier Kombi 02/2014... | Transit Courier Box 02/2014...

## ALTERNADOR / Alternator

Denso: 1042101731 | 1042103320 - Lester: 20501 | 20530

## EQUIVALENTE / Equivalent

Denso: 0210402400 - INA: F580452 - Luk: 535026810

5638

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Ford: Transit Box (FA) 01/2000...05/2006 | Transit Bus (FD, FB, FS, FZ, FC) 01/2000...05/2006 | Transit Platform/Chassis (FM, FN) 01/2000...05/2006

## ALTERNADOR / Alternator

Lester: 21891 - Mako: 1498518 | 4461712 | 2C1T10300BA | R2C1T10300BA

## EQUIVALENTE / Equivalent

Gates: OAP7070 - INA: F237045 | F23704502 - Luk: 535008710 - Mako: 83653301 - Ruville: 55284 - SKF: VKM03415

5640

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Ford: Focus

## ALTERNADOR / Alternator

Denso: 021319391 - Kia: 373004X310 | 373004X351

## EQUIVALENTE / Equivalent

INA: F554710 | F23161803 | F23161806 | F55471001 - Kia: 720110800 - Luk: 535009710 - Ruville: 57077

5641

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Opel: Astra H (L48) 03/2004... | Astra H Estate (L35) 08/2004... | Astra H GTC (L08) 03/2005... | Astra H Saloon (L69) 02/2007... | Astra H TwinTop (L67) 09/2005... | Corsa D 07/2006... | Meriva 05/2003...05/2010 | Vectra C Estate 10/2003... | Zafira B (A05) 07/2005... | Zafira B Van 07/2005...

## ALTERNADOR / Alternator

Bosch: 0124425060 - General Motors/Chevrolet: 93188158 - Lester: 11501 - Opel: 6204218 | 13222933

## EQUIVALENTE / Equivalent

Bosch: F00M147880 - Gates: OAP7074 - General Motors/Chevrolet: 55560294 - INA: F553322 | F55332201 - Luk: 535014310 - Opel: 1204484 - Ruville: 55379  
SKF: VKM03500

5642

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 145 (930) 07/1994...01/2001 | 146 (930) 12/1994...01/2001 | 156 (932) 09/1997...09/2005 | 156 Sportwagon (932) 01/2000...05/2006 - Fiat: Brava (182) 10/1995...06/2003 | Bravo I (182) 10/1995...10/2001 | Doblo Cargo (223) 11/2000... | Mareca (185) 09/1996...12/2007 | Mareca Weekend (185) 09/1996...12/2007 | Multipla (186) 04/1999...06/2010 | Punto (188) 09/1999... | Punto Van (188AX) 02/2000...10/2009 - Lancia: Kappa (838A) 08/1994...10/2001 | Kappa SW (838B) 07/1996...10/2001 | Lybra (839AX) 07/1999...10/2005 | Lybra SW (839BX) 07/1999...10/2005

## ALTERNADOR / Alternator

Lester: 20423 | 21244 | 22596 | 23104 | 23105 | 24085

5642

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## EQUIVALENTE / Equivalent

Alfa Romeo: 9948225 - Fiat: 9948225 | 55196301 - INA: F230866 | F23086601 | F23086603 | F23086608 | F23086609 | F23086612 - Lancia: 9948225 - Luk: 535014410

5643

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Citroën: Berlingo (B9) 04/2008... | Berlingo Box (B9) 04/2008... | C4 Coupe (LA) 11/2004... | C4 Grand Picasso I (UA) 10/2006... | C4 I (LC) 11/2004... | C4 II (B7) 11/2009... | C4 Picasso I (UD) 02/2007... | C5 III (RD) 02/2008... | C5 III Break (TD) 02/2008... | DS3 11/2009... | DS4 04/2011... | DS5 11/2011... | Mini Coupe (R58) 09/2011... - Mini: Mini (R56) 09/2006... | Mini Clubman (R55) 10/2007... 12/2012... | Mini Convertible (R57) 11/2007... | Mini Countryman (R60) 06/2010... | Mini Paceman (R61) 04/2012... | Mini Roadster (R59) 02/2012... - Peugeot: 207 (WA,WC) 02/2006... | 207 CC (WD) 02/2007... | 207 SW (WK) 02/2007... | 3008 06/2009... | 308 CC 04/2009... | 308 SW 09/2007... | 5008 06/2009... | 508 11/2010... | 508 SW 11/2010... | Partner Box 04/2008... | Partner Tepee 04/2008... | RCZ 03/2010...

## ALTERNADOR / Alternator

BMW: 12317553009 | 12317562388 | 12317574365 | 12317575650 | 12317575873 | 12317604782 | 12317613445 - Bosch: 0121615012 | 0121615027 | 0121615127 | 0125711011 | 0125711078 - Citroën: 5702H9 | 5702L3 | 5705JG | 5705KF | V757712180 - Lester: 11336 | 23561 - Peugeot: 5702G3 | 5705NR - Steyr Motors: 7575650 - Valeo: 213014410

## EQUIVALENTE / Equivalent

Bosch: F00M349870 | F00M391140 - INA: F560565 - Luk: 535016610 - Mini: 12317561556 | 12317575518 - Ruville: 59920

5644

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: C-Class (W204) 01/2007... | C-Class (W205) 12/2013... | C-Class Coupe (C204) 06/2011... | C-Class Estate (S204) 08/2007... | C-Class Estate (S205) 09/2014... | CLS (C218) 01/2011... | CLS Shooting Brake (X218) 10/2012... | E-Class (W212) 01/2009... | E-Class Convertible (A207) 01/2010... | E-Class Coupe (C207) 01/2009... | G-Class (W463) 09/1989... | GL-Class (X166) 07/2012... | GLK-Class (X204) 06/2008... | M-Class (W166) 06/2011... | S-Class (W221) 10/2005... | S-Class (W222, V222, X222) 05/2013... | S-Class Coupe (C215) 03/1999...08/2006 | S-Class Coupe (C216) 05/2006... | S-Class Coupe (C217) 04/2014... | SL (R231) 01/2012... | SLK (R172) 02/2011... | SLS AMG (C197) 03/2010... | SLS AMG Convertible (A197) 06/2011... | Sprinter 3,5-t Box (906) 06/2006... | Sprinter 3,5-t Bus (906) 06/2006... | Sprinter 3-t Box (906) 06/2006... | Sprinter 3-t Bus (906) 06/2006... | Sprinter 4,6-t Box (906) 06/2006... | Sprinter 4,6-t Platform/Chassis (906) 06/2006... | Sprinter 5-t Box (906) 06/2006... | Sprinter 5-t Platform/Chassis (906) 06/2006... | Viano (W639) 09/2003... | Vito Box (W447) 10/2014... | Vito Bus (W639) 09/2003... | Vito Mixto (W447) 10/2014... | Vito Tourer (W447) 10/2014...

## ALTERNADOR / Alternator

Lester: 11716 | 11822 | 20091 | 20294 | 20341 | 20656 | 22721 | 23290 | 11822A - Mercedes Benz: 0009060304 | 0009060401 | 0009060501 | 0009060601 | 0009060604 | 0009062004 | 0009062100 | 0009062200 | 0009062822 | 0009063000 | 0009063622 | 0009065300 | 0009067900 | 131546802 | 141541102 | 141541202 | 141541402 | 141541502 | 141543902 | 2711541502 | 2711541802 | 6461540102 | 6461540802 | 6461540902 | 6461541102 - Valeo: 439585 | 439619 | 440057 | 4339585 | FG15T036 | FG15T079 | FG18S012 | FG18S047 | TG12C063 | TG15C130 | TG15C133 | TG17C041 | TG17C061 | TG23C017 | TG23C022

## EQUIVALENTE / Equivalent

Gates: OAP7092 - INA: F55290101 | F55290102 | F55290103 | F55290104 | F55290105 | F55290106 | F55290107 - Luk: 535016810 - Mercedes Benz: 1591500060 | 2781500060 | 6461550115 - Ruville: 59922 - SKF: VKM03810 - Valeo: 588031 | 2604126 | 2604640 | 2610374

5645

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 81

## APLICAÇÃO / Application / Aplicación

Toyota: Echo 1.4 D4d 08/2001...03/2003 | Yares 1.4 D4d 01/1999...12/2005

## ALTERNADOR / Alternator

Denso: 1022115660 | 2706033010 | 2706033020 - Lester: 23858

## EQUIVALENTE / Equivalent

INA: F568860 - Luk: 535018010 - Ruville: 59926 - SKF: VKM06111 - Toyota: 2741533010

5646

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Ford: C-Max II 12/2010... | Fiesta Van 01/2009... | Fiesta VI 06/2008... | Focus III 04/2011... | Focus III Saloon 04/2011... | Focus III Turnier 04/2011... | Galaxy (WA6) 05/2006... | Grand C-Max 12/2010... | Kuga II (DM2) 05/2012... | Mondeo IV Turnier (BA7) 03/2007... | S-Max (WA6) 05/2006... - Volvo: S60 II 04/2010... | S80 II (AS) 03/2006... | V40 Hatchback 03/2012... | V70 III (BW) 08/2007...

## ALTERNADOR / Alternator

Lester: 11698 | 20556 - Valeo: 1704925 | 1763143 | FG15T063 | FG15T076 | FG17T010 | TG12C107 | BV6N10300AA | BV6N10300BB - Volvo: 31285435 | 31285436 | 36001101 | 36001102 | 36002013 | 36002122 | 36002816

5646

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## EQUIVALENTE / Equivalent

Cargo: 333436 - Ford: AM5Q10A352AA - IKA: 354421 - Litens: 600999 | 920999 | 1003808 - Luk: 535025210 - Ruville: 57117 - Volvo: 30659849 | 31288893

5647

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Renault: Clio Grandtour (KRO/1) 02/2008... | Clio Grandtour IV 01/2013... | Clio III (BR0/1, CRO/1) 05/2005... | Clio IV 11/2012... | Modus (F/JPO) 09/2004...

## ALTERNADOR / Alternator

Bosch: F000BL0457 | F000BL0458 - Lester: 20611 - Renault: 231003730R

## EQUIVALENTE / Equivalent

Bosch: F000BL106K - INA: F580570 - Luk: 535026910 - Ruville: 55638

5648

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Fiat: 500X 09/2014... - Ford: C-Max (DM2) 02/2007... | Fiesta Van 01/2009... | Focus II (DA) 11/2004... | Focus II Saloon (DA) 04/2005... - Mazda: 3 (BL) 12/2008... | 3 Saloon (BL) 12/2008... - Volvo: C30 10/2006...12/2012 | S40 II (MS) 01/2004... | V50 (MW) 04/2004...

## ALTERNADOR / Alternator

Denso: 1042105700 | 1042105710 - Ford: 8M5T10300PA | 8M5T10300PB | 8M5T10300YA | 8M5T10300YB - Lester: 20674 | 23820 - Volvo: 1704085 | 1707062 | 31285592 | 31288154 | 31288155 | 36002577

## EQUIVALENTE / Equivalent

Cargo: 333433 - Chrysler: 68254601AA - Denso: 0210401900 - Ford: 9M5Q10A352AA - Litens: 920916 - Luk: 535025910 - Ruville: 57119

5649

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Audi: Q7 (4L) 3.6 FSI 08/2006...05/2010 - Porsche: Cayenne (955) 3.2 out/03 - Volkswagen: Phaeton (3D) 3.2 V6 abr/02 | Phaeton (3D) 3.2 V6 4Motion 02/2004...11/2008 | Touareg (7L6, 7L7) 3.2V6 10/2002...11/2006 | Touareg (7L6, 7L7) 3.2V6 FSI 10/2005...05/2010

## ALTERNADOR / Alternator

Bosch: 0124615026 - Jinzhou Halla: JFZ1929AT1 - Lester: 11281 | 23346 - Porsche: 95560301700 - Volkswagen: 021903026B

## EQUIVALENTE / Equivalent

Audi: 021903119J | 021903119L - Bosch: F00M147761 | F00M991167 | F00M991282 - Cargo: 237263 - Delphi: 10493077 - Hitachi: GD115070 | GD217756 - INA: F2354492 | F23544903 | F23544904 | F23544905 - Luk: 535008310 - Porsche: 94860313500 | 95560315200 - Remy: 10493077 - Ruville: 55789 - Seat: 021903119J | 021903119L - Skoda: 021903119J | 021903119L - Valeo: 588096 - Volkswagen: 021903119J | 021903119L

5650

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Jeep: Grand Cherokee

## ALTERNADOR / Alternator

Denso: 1210003490 - Lester: 13444

## EQUIVALENTE / Equivalent

Denso: 0210401060 - INA: F234065 | F558553 - Jeep: 05019860AA - Luk: 535006110 | 535014110 - Ruville: 58620 - Valeo: 588101

5651

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: Accelo 915C | Atego | Axor

## ALTERNADOR / Alternator

Bosch: 0120469115 | 0120469117 | 0120469118 | 0121545402 - Lester: 12386 - Mercedes Benz: 91547102 | 91549802

## EQUIVALENTE / Equivalent

IKA: 335611 - INA: F230283 | F238215 | F23821501 | F23821502 | F23821503 - Luk: 535005410 | 535007810 - Mercedes Benz: 9061550315 | 9061551315 | 9061552115 - Ruville: 58833

5652

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Mazda: 2 | 3 | 6 Estate | 6 Saloon | CX 3 | CX 5

## ALTERNADOR / Alternator

Mazda: S51C18300 | S51L18300 | S51W18300 | S55118300 | SH0118300 | SH1N18300 - Mitsubishi: A2TX3081 | A002TX3081

## EQUIVALENTE / Equivalent

INA: F570870 - Luk: 535024710 - Mazda: SH0118330 | SH1A18330 - Ruville: 57081

5653

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Nissan: Sentra | Versa

## ALTERNADOR / Alternator

Lester: 11673 - Nissan: 231003RA2B | 231003RC2B | 231003SH2B - Valeo: TG12T039

## EQUIVALENTE / Equivalent

INA: F575777 - Luk: 535026510 - Ruville: 56838

5654

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Fiat: 500 | Bravo | Doblo | Linea | Panda - Lancia: Delta III | Ypsilon

## ALTERNADOR / Alternator

Fiat: 51718502 | 51788658 | 51854903 | 51859043 - Lester: 24017

## EQUIVALENTE / Equivalent

Denso: 1210411440 - Fiat: 77364616 - IKA: 353731 - INA: F55843202 - Luk: 535017110 - Ruville: 56029

5655

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Citroën: C3 II | DS3 - Peugeot: 2008 | 208 | 301

## ALTERNADOR / Alternator

Denso: 102101720 | 9688237380 | 9806007480 - Lester: 20631

## EQUIVALENTE / Equivalent

Denso: 1210411990 - IKA: 354851 - INA: F55048701 - Luk: 535026410

5656

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Suzuki: Grand Vitara

## ALTERNADOR / Alternator

Denso: 1042104660 - Suzuki: 3140067J00 | 3140067J10 | 3140067J00000 | 3140067J10000

## EQUIVALENTE / Equivalent

INA: F604438 - Luk: 535026010 - Ruville: 57716 - Suzuki: 3117167J00

5657

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Hyundai: Grand Santa Fé | IX35 | Santa Fé II - Jaguar: XF | XF Sportbrake - Kia: Carnival | Sorento II | Sportage - Land Rover: Range Rover Evoque

## ALTERNADOR / Alternator

Denso: 1042101060 - Jaguar: C2Z17063 - Land Rover: LR028116 | LR031026 | BJ3210300AC - Lester: 20133

## EQUIVALENTE / Equivalent

Denso: 0210402560 - INA: F580053 | F58005301 | F58005302 | F58005303 - Luk: 535026310 - Ruville: 58423

5658

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Toyota: Auris 1.4D-4D | Corolla | Urban 1.4D-4D | Verso 1.4D-4D | Yaris 1.4D-4D

## ALTERNADOR / Alternator

Denso: 1042102320 | 1042102520 - Lester: 20538 - Toyota: 270600N040 | 2706033100

## EQUIVALENTE / Equivalent

IKA: 354891 - INA: F588421 - Luk: 535024010 - Toyota: 2741566070

5659

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Hyundai: i10 - Kia: Picanto

## ALTERNADOR / Alternator

Hyundai: 3730004030 | 3730004035 | 3730004330 | 3730004335 - Kia: 3730004035 | 3730004330 | 3730004335 - Toyota: 270600N070 - Valeo: 2618819

## EQUIVALENTE / Equivalent

Hyundai: 3732204330 - INA: F587370 | F600915 - Luk: 535026610 - Ruvilla: 58455 - Toyota: 2741533090 - Valeo: 2618822

5660

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Volkswagen: California | Caravelle | Multivan | Transporter - Volvo: S60 | S80

## ALTERNADOR / Alternator

Bosch: 0123520014 - Lester: 23206 | 24060 - Volkswagen: 074903025L | 074903025S | 074903025LX

## EQUIVALENTE / Equivalent

Bosch: 1127011861 | F00M061005 | F00M147736 | F00M991394 - INA: F22782004 | F22782005 | F22782006 | F22782007 | F22782014 - Luk: 535004710 - Ruvilla: 55722 - SKF: VKM03104 - Volkswagen: 074903119E

5661

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 82

## APLICAÇÃO / Application / Aplicación

Hyundai: Grandeur | i30 | Magentis | Santa Fé II | Sonata | Tucson - Kia: Carens III

## ALTERNADOR / Alternator

Denso: 021319261 | 021319262 - Hyundai: 3730027020 | 3730027030 | 3732227020 - Kia: 3730027020 | 3730027021 | 3732227020

## EQUIVALENTE / Equivalent

Hyundai: 3732227020 - INA: F588422 - Luk: 535024110 - Ruvilla: 58448

5662

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Citroën: C4 Aircross - Mitsubishi: ASX | Lancer | Outlander - Peugeot: 4008

## ALTERNADOR / Alternator

Melco: 1800A271 | 1800A334 - Mitsubishi: A2TX1081A | A2TX1081B - Peugeot: 1608726580

## EQUIVALENTE / Equivalent

INA: F563771 - Luk: 535026710 - Melco: 1800A201 | 1800A333 - Ruvilla: 57362

5663

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Citroën: Jumper - Fiat: Ducato - Iveco: Daily | Massif - Peugeot: Boxer - Porsche: 911 | Boxster | Cayman

## ALTERNADOR / Alternator

Bosch: 0121615017 | 0124325122 | 0124525064 | 0124525125 | 0125711039 | 0125711083 | 0125711111 | 0125711112 | 0125811039 | 0125811040 | F000BL0704 - Fiat: 504057813 | 504087183 | 504204173 | 504385137 | 504385138 | 5801580941 - Lester: 23834 | 23835 | 23836 - Peugeot: 5705EH | 5705KL | 5705KN - Porsche: 9A160301400 | 9A160301801 | 9A160301802

## EQUIVALENTE / Equivalent

Bosch: F00M349869 | F00M599441 | F00M599500 | F00M992758 - Dayco: TA436 | ALP2364 - Fiat: 504088796 - Gates: OAP7097 - INA: F550532 | F556500 | F55053201 | F55053202 | F55650001 | F55650002 - Luk: 535010310 - Peugeot: 574087 - Porsche: 9A160395500 | 9A160395501 - Ruvilla: 56027 - SKF: VKM03203

5664

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Ford: EcoSport 1.6 SIGMA 2012... | Fiesta Todos Sigma 1.5L Trans. Manual e Automatica 2010... | Fiesta Todos Sigma 1.6L Trans. Manual e Automatica 2010... | Focus 2011

## ALTERNADOR / Alternator

Ford: CN1510300CB | DN1510300AB - Lester: 20557 - Valeo: TG12C123 | TG12C126 | TG12C231

## EQUIVALENTE / Equivalent

Ford: CN1Q10A352AA - Valeo: 501524 | 501525

5667

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Tata: Indigo 1.3 e 1.4 2009...2011 | Manza | Vista

## ALTERNADOR / Alternator

Valeo: 439714 | TG9S057

## EQUIVALENTE / Equivalent

INA: F560998 - Luk: 535024310 - Valeo: 406844

5668

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Ford: Kuga I 2.5 4x4 03/2009... - Volvo: C70 II Cabriolet 2.4 i | V40 (VW) D3 T5 AWD

## ALTERNADOR / Alternator

Bosch: 121615014 | 0121615014 | 121615114 | 0121615114 | 125711014 | 0125711014 | 125711040 | 0125711040 | 125711048 | 0125711048 | 125711053 | 0125711053 | 986080810 | 0986080810 | F00E100026 - Ford: 1541451 | 6M5T10300SA - Lester: 11347 | 11568 | 20894 - Volvo: 30773111 | 31288879 | 31288880 | 36000207 | 36000613 | 36001497

## EQUIVALENTE / Equivalent

Bosch: F00M349823 | F00M391124 - INA: F557564 - Luk: 535016110 - Volvo: 30667980

5670

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Dacia: Logan 1.5 dCi (FS0K) (KS0K) (LS0J (LS0K) (LS0W) (US0K) (US0W) LS0Y) 09/2005... | Sandero 11/2008... - Renault: Clio II 1.5 dCi (42kW) 06/2001...12/2006 | Thalia I 1.5 dCi 06/2001...11/2009

## ALTERNADOR / Alternator

Lester: 23173 - Mitsubishi: A2TB6481 | A002TB6481 - Nissan: 2310000QA1 - Renault: 7711497090 | 8200053938 | 8200102907 | 8200120286 | 8200373636

## EQUIVALENTE / Equivalent

INA: F550379 | F55037901 | F55037903 | F55037904 - Luk: 535010910 - Renault: 8200399801

5673

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: C Class | CLC Class | CLK | E Class | SLK

## ALTERNADOR / Alternator

Lester: 24101 | 24102 - Mercedes Benz: 2711540902 | 2711541502 - Valeo: 440127 | 440128

## EQUIVALENTE / Equivalent

INA: F557311 - Luk: 535016510 - Mercedes Benz: 2711550215

5674

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Opel: Vectra - Renault: Espace IV | Vel Satis - Saab: 42864 - Vauxhall: Signum | Vectra Mk II

## ALTERNADOR / Alternator

General Motors/Chevrolet: 13125525 | 93175988 - Lester: 23324 | 23897 - Opel: 6204171 | 6204234 | 13125525 | 93175988 | 93189236 - Saab: 5350087

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 93175986 - INA: F23456301 | F23456302 | F23456303 | F23456304 - Luk: 535008510 - Opel: 1204378 | 93175986 - Saab: 5340393 | 5543814



**5675**POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Citroën: Berlingo 1.6 HDi 110 75 90 07/2005... | Berlingo 1.9 D 4WD 07/1998...10/2005 | Berlingo 2.0 HDi 4x4 12/1999...10/2005 | C3 1.4 16V HDi | Jumper 230 2.0 HDi 11/2001...04/2002 | XSara Picasso 1.6 HDi 05/2004... - Peugeot: 206 1.4 HDi | 407 1.6 HDi 110 05/2004... | 607 2.0 HDi 03/2001...04/2004 | Boxer 2.0 HDi 08/2001...04/2002

## ALTERNADOR / Alternator

Bosch: 0124525027 | 0124615027 | 0986044400 | 0986046240 | 0986047350 - Citroën: 5705NH - Lester: 8531 | 20008 | 20013 | 21791 | 23301 | 23973

## EQUIVALENTE / Equivalent

Bosch: F00M147999 | F00M991172 - INA: F232369 | F23236902 | F23236903 | F23236909 - Luk: 535017910

**5676**POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Renault: Clio II 1.4 16V 08/2000... | Clio II 1.5 dCi 01/2004... | Grand Scenic II 1.6 04/2004... | Megane II 1.4 16V 11/2002... | Scenic II 1.4 06/2003... | Thalia II 01/2009...

## ALTERNADOR / Alternator

Bosch: 0124525528 | 0986080290 - Lester: 23173 - Nissan: 2310000Q2H | 2310000QBJ | 7711497095 - Renault: 7701476808 | 7701478093 | 7711497095 | 8200100907 - Valeo: TG11C011 | TG11C062

## EQUIVALENTE / Equivalent

INA: F230147 - Luk: 535011610 - Nissan: A660C300BX | A660C300EX - Renault: 7701476465 | 8200113636

**5677**POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Cruze 2.0 CDI 05/2009... | Cruze Station Wagon 2.0 TD 08/2012... | Orlando 2.0 D 02/2011...

## ALTERNADOR / Alternator

General Motors/Chevrolet: 13501719 | 13502580 | 13579114 | 13579676 | 13580078 - Lester: 20096 - Opel: 4818330 | 4819446

## EQUIVALENTE / Equivalent

INA: F564313 - Luk: 535022610

**5678**POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: 159 1.8 MPI 03/2007...11/2011 - Citroën: Berlingo 1.6 HDi 110 75 90 | C6 (TD\_) 2.2 HDi 06/2006... | C8 (EA\_, EB\_) 2.0 HDi | Jumpy Kasten 2.0 HDi 120 140 01/2007... - Fiat: Scudo 2.0 D Multijet 01/2007... | Ulisse (179AX) 2.0 D Multijet - Lancia: Phedra (179) 2.0 D Multijet - Peugeot: 308 I 2.0 HDi 09/2007... | 407 2.0 HDi 06/2009... | Expert 2.0 HDi 100 130 03/2011...

## ALTERNADOR / Alternator

Fiat: 9646065180 - Lester: 23857 - Mitsubishi: A004TJ0084 | A004TJ0084A | A004TJ0084B | A004TJ0084C

## EQUIVALENTE / Equivalent

IKA: 353760 - INA: F550426 | F55042601 - Luk: 535014910 - SKF: VKM03307

**5679**POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Ford: Transit V 2.0 TDCI (FAE\_ (F\_E\_ FAF\_ FAG\_) F\_F\_ F\_F\_) F\_G\_)

## ALTERNADOR / Alternator

Bosch: 0124415031 - Ford: 4371030 | 4392207 | 4407889 | 2C1T10300AB | 2C1T10300AF - Lester: 23183

## EQUIVALENTE / Equivalent

INA: F55661501 - Luk: 535022310

**5680**POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Buick: LaCrosse - Hyundai: IX35 | Sonata V (NF) 2.0 wTi GLS - 2.4 - Kia: Carens | Magentis 2.0 | Sportage

## ALTERNADOR / Alternator

Hyundai: 3730025201 | 373002G100 | 373002G400 | 3732125301 | 37300237300 - Lester: 11252 | 11367 | 11492 | 12653 - Valeo: 2606446 | 2655544 | TG11C076

## EQUIVALENTE / Equivalent

Cargo: 333084 - Hyundai: K406643 | 3732125201 - IKA: 35441 | 354411 - INA: F24002601 | F24002602 | F24002603 | F24002604 | F24002605 | F24002609 | F24002611 - Luk: 535013510 - Valeo: 2655545

5681

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: Accelo 915 C OM 904.943, OM 904.957, OM 904.965, OM 904.966, OM 904.970 05/2003... | Atego 1014 K L, 1015 K L OM 904.909, OM 904.910 01/1998...10/2004 | Atego 1725 S OM 906.985 01/2007... | Axor 1823 K, 2523 K, 2623 L, 3228 C OM 906.920, OM 906.921 01/2002...10/2004 | Conecto (O 345) 12M OM 902.925 11/2001... | Econic OM 926.921, OM 926.934 10/2001... | Integro (O 550) L M OM 926.939 01/2006... | Intouro E M ME OM 926.939 01/2005... | LK 1117 K L LO S, 1317 K KO L LS, OM 904.905, OM 904.906, OM 904.907 03/1996...12/1998 | LN2 1517 K L, 711, 811 K, 814, OM 904.905, OM 904.906, OM 904.907 03/1996...12/1998 | Tourino OM 926.939 10/2003... | Touro (O 500) R U, OM 926.910, OM 926.926 01/2001... | Unimog U 400 5000, OM 906.935 03/2000... | Vario 613 D, 614 D, OM 904.908, OM 904.917, (95-100kW) 09/1996... | Zetros 1833 A, 2733 A, OM 926.935, OM 926.936, OM 926.947 09/2008...

## ALTERNADOR / Alternator

Bosch: 0986043890 | 6033GB3010 - Lester: 12388 - Mercedes Benz: 0101548902

## EQUIVALENTE / Equivalent

IKA: 335740 - INA: F240423 | F23028301 | F23028302 | F23028303 - Luk: 535005510 - Mercedes Benz: 9061550815 | 9061551515 - Ruville: 58865

5682

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 83

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Camaro

## ALTERNADOR / Alternator

General Motors/Chevrolet: 13502988 | 22962097 - Lester: 11453 | 11485 | 24107 - Opel: 1202331 | 1204651 | 13500332 | 95515961 - Vauxhall: 13588330 | 95515961

## EQUIVALENTE / Equivalent

Litens: 920915 - Valeo: 702052 | 2605529

5683

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Honda: Accord

## ALTERNADOR / Alternator

Honda: AHGA88 | 311005A2A02 | 311005A2A02RM | 311005A2AA000M2 - Lester: 14489

## EQUIVALENTE / Equivalent

Honda: 311415A2A01 - Litens: 920025 | 920025A

5684

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Toyota: Camry

## ALTERNADOR / Alternator

Lester: 11516 | 11519 - Toyota: 270600V060 | 2706036050

## EQUIVALENTE / Equivalent

Litens: 920905 | 920905A - Toyota: 274150W120A | 274150W120B

5685

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Impala

## ALTERNADOR / Alternator

Denso: 1042105380 - General Motors/Chevrolet: 15846253 - Lester: 11237

## EQUIVALENTE / Equivalent

Litens: 920844

5686

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Land Rover: Freelander 3.2 4x4 10/2006...10/2014 - Volvo: S60 II 3.0 T AWD, T6 AWD 04/2014... | S80 II (AS) 3.2 AWD, T6 AWD 03/2006... | V60 3.0 T AWD, T6 AWD 04/2014... | XC60 3.2 09/2009...12/2010 | XC70 II 3.2 AWD B 6324 S2, B 6324 S4, (168-171kW) 09/2009...12/2012

## ALTERNADOR / Alternator

Bosch: 0121615011 | 0121715009 - Ford: 6G9N10300LA | 6GN9N10300MA - Land Rover: LR002426 | LR007089 - Lester: 11345 | 11346 - Volvo: 31110082 | 31110085 | 36000209 | 36000210 | 360002090 | 360002100

5686

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## EQUIVALENTE / Equivalent

Ford: 6G9N10D311AA | 6G9N10D311AB - IKA: 353721 - Land Rover: LR001470 | LR001974 | LR004305 - Litens: 920803 - Luk: 535017510 - Volvo: 30750109 | 30750409

5687

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Corvette

## ALTERNADOR / Alternator

General Motors/Chevrolet: 10305775 | 10316182 | 10327314 | 10350160 | 10353440 | 10436674 | 15791160 | 15841234 | 10305775A | 10305775B - Lester: 13864 | 13969 - Valeo: 420164 | 2650164 | 2650491 | A14Vi39 | 2542445A | 2600730A | 2650073B | 2650164A | TG15C013 | TG15C046 | TG15C051 | TG15S010 | TG15S089 | TG15S107

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 2601499 | 2548266A | 2548266B | 2548266C | 2548266D | 2548266E | 2601499A | 2601628A | 2601628B - Litens: 49908 | 920667 | 920667A  
Valeo: 2601499A

5688

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Pontiac: GTO V8 6.0

## ALTERNADOR / Alternator

General Motors/Chevrolet: 92211821 - Lester: 11097 | 13955 - Mitsubishi: A3TG1581

## EQUIVALENTE / Equivalent

Arrowhead: AMT5026 - General Motors/Chevrolet: 1051565 - Litens: 920782 - Mitsubishi: A252C5321C | A252C532BC

5690

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Chrysler: 300 V6 3.6L 2011...2016 - Dodge: Challenger V6 3.6L 2015...2016 | Charger V6 3.6L 2015...2016 | Durango V6 3.6L 2011...2016 | Ram 1500 V6 3.6L 2013...2015  
Jeep: Grand Cherokee V6 3.6L 2011...2015

## ALTERNADOR / Alternator

Chrysler: 04801778AF | 04801865AC | P04801778AF | P04801865AC - Denso: 4210007040 | 4210007041 | 4210007050 | 4210007051 - Lester: 11592 | 11598 | 11680

## EQUIVALENTE / Equivalent

Chrysler: 05184692AB - Litens: 920972

5691

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Buick: Allure Stufenheck 3.6 LY7, (179kW) 09/2004...12/2007 | La Crosse Stufenheck 3.6 LLT, (209kW) 09/2007...12/2008

## ALTERNADOR / Alternator

Bosch: 10366268 | 15208915 | 0124425030 | 0124425063 | F00E100186 - Lester: 11125 | 11232

## EQUIVALENTE / Equivalent

Bosch: F00M991220 - IKA: 353410 - INA: F550371 | F55037101 - Luk: 535010610 - Ruville: 59937

5694

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Nissan: Altima 2.5 05/2012... | Teana III (J33) 2.5 (L33L L33R L33T) 09/2013...

## ALTERNADOR / Alternator

Lester: 11657 - Mitsubishi: A2TJ1881ZC | A002TJ1881ZC - Nissan: 231003TA1B | 231003TU1B | 231503TA1B | 231513TA1A

## EQUIVALENTE / Equivalent

INA: F600038 - Luk: 535027310 - Nissan: 231503TA1B | 231513TA1A - Ruville: 56840

5695

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Ford: Explorer L4 2.0L 2012...2013

## ALTERNADOR / Alternator

Denso: 1042106410

## EQUIVALENTE / Equivalent

Denso: 210402210 - INA: F572904

5697

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Audi: A4 | A5 | A6 | Q5 - Seat: Exeo - Volkswagen: Amarok

## ALTERNADOR / Alternator

Audi: 06J903119 | 06K903219 | 06H903201H | 06H903219C - Bosch: 0124525113 | 0124525210 | 0124525226 | 0125711044 | 0125711051 | 0125711090 | 0125711127 | 0125711128 | 0125711152 | 0125716009 | 0125716010 | F000BL0803 | F000BL0829 - Lester: 11466 | 11724 | 11725 | 11727 | 20753 | 21123 | 24226 - Seat: 06A903023B | 06A903023G - Valeo: FG18T063 | FG18T074 | FG18T117 | TG14C040 | TG15C177 | TG15C201 - Volkswagen: 06A903119 | 06H903119 | 06A903023F | 06H903016J | 06H903016L | 06H903016S | 06H903017D | 06H903017J | 06H903017S | 06H903017T | 06H903018D | 06H903018H | 06H903018J | 06J903023G | 06J903023K | 06J903023P | 06J903023R | 06H903016LX | 06H903017JX | 06H903017TX

## EQUIVALENTE / Equivalent

Bosch: F00M147910 | F00M599447 | F00M991277 | F00M992742 | F00MA47706 - Cargo: 333074 - Gates: 37013P - IKA: 354060031 - Litens: 920851 - Luk: 535021010 | 535027610 - Volkswagen: 06H903119A | 06H903119B | 06H903201C | 06H903201D

5704

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Ram Truck: 1500 V6 3.0L 2987cc 182cid 2014...2016

## ALTERNADOR / Alternator

Chrysler: 56029696AA - Denso: 1042110120 - Lester: 11781

5705

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Toyota: Tacoma

## ALTERNADOR / Alternator

Denso: 1042108230 | 1042108232 | 1042108590 | 1042108591 - Lester: 11354

## EQUIVALENTE / Equivalent

Litens: 920833 | 920833A - Toyota: 274150W051 | 274150W052 | 274150W052A

5706

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: Mito (955) 09/2008 - Fiat: 500 (199) 09/2012... | Argo 1.0 e 1.3 | Mobi 1.0 e 1.3 | Punto (199) 03/2012... | Tipo Estate (356) 03/2016... | Tipo Hatchback (356) 03/2016... | Tipo Saloon (356) 10/2015... | Uno 1.0 e 1.3 - Opel: Corsa E 09/2014... | Corsa E Van 09/2014... - Vauxhall: Corsa MK IV E 08/2014... | Corsa Van MK IV E 10/2014

## ALTERNADOR / Alternator

Denso: 51984063 | 51984064 | 1042114040

## EQUIVALENTE / Equivalent

Denso: 55257677 | 1210412050 | 1210412370 - INA: F581916 | F58191602 - Luk: 535027810 - Ruville: 56045

5707

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Fiat: Toro 1.8 Gasolina - Jeep: Renegade 1.8 Gasolina

## ALTERNADOR / Alternator

Bosch: F000BL07P3 - Denso: 51993773

## EQUIVALENTE / Equivalent

INA: F607489

5708

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 84

## APLICAÇÃO / Application / Aplicación

Fiat: Toro Diesel - Jeep: Compass Diesel | Renegade Diesel

## ALTERNADOR / Alternator

Denso: 51863675 | 52021968 | 1042119050 | 1042119051 | MS1042119051

## EQUIVALENTE / Equivalent

Litens: TN0210402350

5709

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

## APLICAÇÃO / Application / Aplicación

BMW: 520Li 2.0L N20B20D N20B20B Turbo 2013 | 520Li 2.5L N52B25AF Non Turbo 2012 | 523i N52B25 150kW 204HP 2497cc 2.5L 2010...2016 | 523i N53B30A 150kW 204HP 2996cc 3.0L 2009...2016 | 523i Touring N52B25A 150kW 204HP 2497cc 2.5L 2010...2011 | 523i Touring N53B30A 150kW 204HP 2996cc 3.0L 2010...2016 | 523i Touring N53B30A 190kW 258HP 2996cc 3.0L 2010...2016 | 523Li 2.5L N52B25AF Non Turbo 2012 | 528i L6 3.0L 2996cc 2011 | 528i N53B30A 150kW 204HP 2996cc 3.0L 2010 | 528i N53B30A 190kW 258HP 2996cc 3.0L 2011...2016 | 528Li 3.0L N52B30AF Non Turbo 2011 | 530i N53B30A 200kW 272HP 2996cc 3.0L 2011...2016 | 530i Touring N53B30A 200kW 272HP 2996cc 3.0L 2011...2016 | 530Li 3.0L N52B30AF Non Turbo 2013...2014 | 730i N52B30 190kW 258HP 2996cc 3.0L 2008...2015 | 730iL N52B30 190kW 258HP 2996cc 3.0L 2008...2015 | X3 Drive N52B30A 190kW 258HP 2996cc 3.0L 2011...2016 | X3 L6 3.0L 2996cc 2011...2012

## ALTERNADOR / Alternator

BMW: 12317591268 | 12317591271 - Denso: 1042106251 - Lester: 11791

5710

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

## APLICAÇÃO / Application / Aplicación

Opel: Signum 2800 Z28NEL NET | Vectra C 2800 Z28NEL NET - Saab: 9-3 V6 2.8L 2792cc 170cid

## ALTERNADOR / Alternator

Bosch: 0124525097 - Lester: 11187 - Opel: 12799630 | 93187415 - Saab: 93189253

## EQUIVALENTE / Equivalent

Bosch: F00M147877 | F00M991238 - Litens: 600801 | 920801

5711

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

## APLICAÇÃO / Application / Aplicación

Ford: Explorer 2.0L 2013...2014 | Fusion 1.6L 2013 | Fusion 2.0L 2013 | Fusion 2.5L 2013 | MKC 2.0L 2015 | MKC 2.3L 2015 | MKT Base 3.7L V6 2013 | MKT Ecoboost 2.0L 2013 | MKT Ecoboost 3.5L V6 2013 | MKZ 2.0L 2013 | Mustang Ecoboost 2.3L 2015 | Taurus 2.0L 2013

## ALTERNADOR / Alternator

Denso: 1042106561 | 1042106571 - Ford: DG1T10300B | DG1Z10346D

## EQUIVALENTE / Equivalent

Denso: 0210402300 - Ford: DA8Z10344B | D8AE10A352BA | DA8E10A352BA - Litens: 920027

5712

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

## APLICAÇÃO / Application / Aplicación

Renault: Sandero 1.0 12V Sce (3cilindro) 2017...2018

## ALTERNADOR / Alternator

Renault: 231000387R - Valeo: 2712046 | NRG9S018

## EQUIVALENTE / Equivalent

INA: F620306

5713

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

## APLICAÇÃO / Application / Aplicación

Hyundai: Bongo K2500 2013...2015 | H1 Cargo (TQ) 02/2008... | H1 Travel (TQ) 02/2008... | H100 Platform/Chassis 01/2004... | H350 Platform/Chassis 04/2015... | H350 Box 04/2015... | H350 Bus 04/2015... | HD 35 | HD Light 09/2003... | Porter Platform/Chassis 05/2004... | Porter Box 05/2004... | Starex 06/1997 ... 12/2007 - Kia: Bongo K2500 2013...2016

## ALTERNADOR / Alternator

Hyundai: 373004A700 - Lester: 20865 - Valeo: 2610454

5713

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

EQUIVALENTE / Equivalent

Hyundai: 373224A320 | 373224A321 - INA: F576631 - Luk: 535024510

5714

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Ford: Ecosport Titanium | Focus 2.0 | KA 1.5 | New Fiesta Motor Mexicano

ALTERNADOR / Alternator

Ford: AE8T10300BA - Valeo: TG12C108

EQUIVALENTE / Equivalent

INA: F57334101

5715

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Nissan: Bluebird Sylphy ii (G11) 09/2005... 08/2012 | Teana i (J31) 02/2003... 09/2008 | Tiida Hatchback (C11) 05/2004 ...06/2013 | Tiida Saloon (SC11) 05/2004...06/2013 | Tiida saloon (SC12) 08/2011... | Versa ii 08/2011... | Xtrail (T31) 03/2007...07/2014

ALTERNADOR / Alternator

Lester: 11163 - Nissan: 23100A4400 | 23100A4420 | 23100AU400 | 23100AU420 | 23100AU424 | 23100EN20B

EQUIVALENTE / Equivalent

Hitachi: GD218509 - INA: F551034 | F55103401 - Luk: 535009310 - Nissan: 23151EN20A

5716

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Hyundai: Accent IV (RB) 1.6 GDI | Accent IV Saloon (RB) 1.6 GDI | Creta 1.6 Attitude, Pulse, Flex, 4WD | Elantra Coupe (JK), 1.6 | Elantra Saloon (AD), 1.6 | Elantra Saloon (MD, UD), 1.6 | Elantra Saloon (MD UD) 09/2010... | i10 (PA), 1.0 2007/2016 | i10 1.0 (BA, IA), LPG | i20 (GB, IB), 1.0, 1.4 | i20 ACTIVE (IB, GB), 1.0, 1.4 | i20 Coupe (GB), 1.0, 1.4 | i30 (GD) 06/2011... | i30 (GD), 1.6 | i30 (PDE, PD), 1.4, 1.6 | i30 Coupe, 1.4, 1.6 | i30 Estate (GD), 1.4, 1.6 | i30 Estate (PDE), 1.4 MPI e T-GDI | i30 FASTBACK (PDE), 1.4 T-GDI 2017/... | i30 Coupe 05/2013... | i30 Estate (GD) 06/2012... | i40 (VF) 03/2012... | i40 1.6 GDI | i40 CW (VF) 07/2011... | ix20 (JC) 11/2010... | ix35 (LM EL ELH) 08/2009... | Kona (OS) 1.0 T-GDI 2017/... | Solaris Saloon, 1.6 2017/... | Tucson (TL) 1.6, 2.0, GDI 2015/... | Veloster (FS) 03/2011... - Kia: Carens IV 03/2013... | Carens IV, 1.6 GDI 2013/... | Cee'd (JD) 1.0 T-GDI, 1.4 CVVT e MPI | Cee'd 1.0 T-GDI e 1.4 CVVT | Cee'd Sportswagon (JD), 1.0 e 1.4 | Ceed JD 05/2012... | Ceed Sportswagon JD 05/2012... | Cerato Hatchback, 1.6 | Cerato Saloon, 1.6, 16V | Cerato Hatchback 09/2012... | Cerato Koup (TD) 01/2009... | Cerato Saloon 09/2012... | Optima CVVL, 2.0 2015/... | Optima Sportswagon (JF), 2.0 CVVL, T-GDI 2016/... | Picanto 1.0, 1.2 | Pro Cee'd 1.0, 1.4 | Pro Ceed JD 03/2013... | Rio III (UB) 1.2, 1.4 | Rio III Saloon (UB), 1.2, 1.4 | Rio IV (YB, SC), 1.0, 1.4, 1.6 2017/... | Rio IV Saloon (SC, FB), 1.4, 1.6 2017/... | Rio III (UB) 09/2011... | Rio III Saloon (UB) 09/2010... | Shuma Coupe, 1.6 T-GDI | Soul (AM) 02/2009... | Soul II (PS), 1.6, Flex | Soul II (PS) 02/2014... | Sportage (QL, QLE), 1.6, 2.0, T-GDI, Flex | Sportage (SL) 09/2009... | Stonic (YB), 1.0, 1.2, 1.4 CVVT, T-GDI | Venga (YN) 02/2010...

ALTERNADOR / Alternator

Hyundai: 373002B101 | 373002B200 | 373002B700 | 373002B750 | 373002E200 | 373002E721 - Kia: 373002B910 - Lester: 11608 | 20964 - Lucas: LRA03949 - Remy: 8400430 - Valeo: 2610428 | 2625573 | FG10T011

EQUIVALENTE / Equivalent

Cargo: 333687 - Gates: 37182P - Hyundai: 3730004070 | 3730004630 | 3730004635 | 3730004950 | 3730004970 | 373002B770 | 373002B910 | 373002E321 | 373002E821 | 373202B000 | 373202E000 | 3732204630 | 3732204950 - IKA: 354941 - INA: F587371 - Kia: 3730003AA0 | 3730003AB0 | 3730003ACO | 3730003BA5 | 3730004070 | 3730004630 | 3730004635 | 3730004950 | 3730004970 | 373002B770 | 373002B910 | 373002E321 | 373002E821 | 373202B000 | 373202E000 | 3732204630 | 3732204950 - Litens: 920015 | 920019 - Luk: 535027110 | 535029610 - Valeo: 333687

5717

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Ford: Mustang V8 5.0L

ALTERNADOR / Alternator

Denso: 1042101450 | 1042111450 - Ford: CR3Z10346A | CR3T10300AC - Lester: 11759

5718

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Audi: A4 Quattro V6 3.2L 3123cc 2009 | A5 Quattro V6 3.2L 3123cc 2008...2010 | Q5 V6 3.2L 3123cc 2009...2010

ALTERNADOR / Alternator

Bosch: 0124525115 - Lester: 11467 - Volkswagen: 06E903016N | 06E903016NX

5718

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

EQUIVALENTE / Equivalent

INA: F556058

5720

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Maruti: Swift

ALTERNADOR / Alternator

Denso: SR02101031

5721

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Ford: KA Motor 1.0 3 cyl.

ALTERNADOR / Alternator

Bosch: F000BL0670 - Ford: E4B510300DA

EQUIVALENTE / Equivalent

Bosch: F000BL2D45

5722

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

BYD: M6 MPV - Hyundai: IX55 3.0 V6 CRDi 4WD - Kia: Borrego 3.0 V6 CRDi 4WD

ALTERNADOR / Alternator

Hyundai: 373003A002 | 373003A100

EQUIVALENTE / Equivalent

Hyundai: 373213A010 - INA: F238206 | F23820602 | F23820603 | F23820604 - Luk: 535014210 - Ruville: 58427 - Valeo: 2655601 | K408206

5724

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Suzuki: Jimny 1.5 DDiS 4WD (SN415D)

ALTERNADOR / Alternator

Lester: 20387 | 20780 - Mitsubishi: A3TN2581 | A3TN2581A | A003TN2581 - Remy: DRA0232 - Suzuki: 3140084A00 | 3140084A10 | 3140084A12

EQUIVALENTE / Equivalent

IKA: 354260 - INA: F586767 - Luk: 535023310 - Ruville: 57713 - Suzuki: 3117184A10

5726

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Ssangyong: Actyon II | Actyon Sports I | Actyon Sports II | Korando | Rexton W | Rodius II

ALTERNADOR / Alternator

Ssangyong: 1611544002 | 1721543002 | 6711540202 | 6711540302 | 6711540402

EQUIVALENTE / Equivalent

INA: F563788 - Luk: 535024910 - Ruville: 59800 - Ssangyong: 6621553415

5727

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 85

APLICAÇÃO / Application / Aplicación

Fiat: 500 | 500C | 595 | 595C | 695 | 695C

ALTERNADOR / Alternator

Denso: 1012101331 - Fiat: 51820622 | 51854917

EQUIVALENTE / Equivalent

Denso: 1210411590 - Fiat: 77364965 - Gates: OAP7163 - INA: F563425 - Luk: 535022110 - Ruville: 59983

5728

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Toyota: Auris | Auris Touring Sports | Corolla Estate | Corolla Saloon

## ALTERNADOR / Alternator

Denso: 1012100910 | 1042105350 | 1042113110 - Lester: 20395 - Toyota: 270600T010 | 270600T012 | 270600T020 | 270600T021 | 270600T080 | 270600T081 | 270600T190 | 270600T200 | 270600T210 | 270600T220

## EQUIVALENTE / Equivalent

Gates: OAP7152 - Luk: 535023110 - Ruville: 56989 - Toyota: 274150T020 | 274150T021 | 274150T022

5729

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Audi: A1 | A3 | A4 | A5 | Q2 | Q3 - Seat: Alhambra | Arona | Ateca | Ibiza IV | Leon SC | Octavia | Superb | Toledo - Skoda: Fabia lli | Karoq | Kodiaq | Rapid | Yeti - Volkswagen: Arteon | Beetle | Caddy Alltrack Box | Caddy Alltrack Variant | Golf Sportsvan | Jetta IV | Lamando | Octavia llii | Passat | Polo | Scirocco | Sharan | T Cross 1.0 TSI | T Roc | Tiguan | Tiguan Allspace | Touran | Up!

## ALTERNADOR / Alternator

Bosch: 0125811004 | 0125811033 | 0125811074 | 0125811111 | 0125811112 | F000BL0861 | F000BL0862 | F000BL08F2 - Lester: 20351 | 20352 | 20353 | 20642 | 20765 | 20802 | 20994 - Remy: DRA1168 - Valeo: 2622499 | TG14C071 | TG14C075 - Volkswagen: 04E903015 | 04C903023H | 04C903023K | 04C903023L | 04E903021M | 04E903021N | 04E903021P | 04E903021Q | 04E903021R | 04E903023C | 04E903023G | 04E903023H | 04E903023L | 04E903024G | 04E903024J | 04E903025H | 04C903023LX | 04E903021MX | 04E903021PX | 04E903024GX | 04E903025JX

## EQUIVALENTE / Equivalent

Audi: 04E903201 | 04E903201A | 04E903201E | 04E903219B | 8V0903119 | 8V0903119A - Litens: 920046 | 1000358 | 1000847 | 1010046 - Luk: 535027910 - Seat: 04E903201A | 04E903201E | 04E903219B | 8V0903119 | 8V0903119A - Volkswagen: 04E903201 | 04E903201A | 04E903201E | 04E903219B | 8V0903119 | 8V0903119A

5730

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: Giulietta - Chrysler: Delta - Fiat: 500l | 500x | Bravo II | Cromo - Jeep: Renegade - Lancia: Delta III - Suzuki: Sx4 SCross | Vitara

## ALTERNADOR / Alternator

Denso: 1012101430 | 1012101440 | 1012101640 | 1012101710 - Fiat: 51820623 | 51820624 | 51884351 | 51884886 - Lester: 20361 | 20675

## EQUIVALENTE / Equivalent

Alfa Romeo: 51860757 - Fiat: 51860757 - Gates: OAP7153 - Litens: 920979 - Luk: 535023010 - Ruville: 56040 - SKF: VKM03211 - Suzuki: 0210401980 | 3117162M0000

5731

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Hyundai: i10 | i10 Saloon | i20 - Kia: Picanto | Rio III | Rio III Saloon

## ALTERNADOR / Alternator

Hyundai: 3730003500 | 3730003600 | 3730003605 - Lester: 20295 | 20715 - Valeo: 2609013 | 2609501

## EQUIVALENTE / Equivalent

Hyundai: 3732003500 | 3732003600 - Litens: 920039 - Luk: 535028010

5732

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: CLA Coupe (C117) 01/2013 | CLA Shooting Brake (X117) 01/2015 | Classe A (W176) 06/2012 | Classe B (W246 W242) 10/2011 | Classe C Convertible (A205) 06/2016 | Classe GLA (X156) 12/2013

## ALTERNADOR / Alternator

Bosch: 0125711030 | 0125711055 | 0125711068 | 0125711087 | 0125711093 | 0125711094 - Lester: 11745 | 20741 - Mercedes Benz: 0009060803 | 0009061903 | 0009062202 | A0009030022 | A0009060803 | A0009061903

## EQUIVALENTE / Equivalent

Bosch: F00M591105 | F00M591124 | F00M591125 | F00M599420 | F00M599497 | F00M599498 - Cargo: 333429 - Litens: 920484 - Luk: 535027210 - Mercedes Benz: 2701550015 | 2701550115 | 2701550215 | 2701550315 | A2701550015 | A2701550115 | A2701550215 | A2701550315 - Ruville: 57525



5733

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Honda: Odyssey | Pilot | Ridgeline

## ALTERNADOR / Alternator

Denso: 1042101240 | 1042101600 | 1042101890 | 1042108300 - Honda: CSJ24 | CSJ60 | CSJ89 | CSK30 | CSK99 | 311005G0A02 | 31100R70A11 | 31100R8AA01 | 31100R9PA01 | 31100RV0A01 - Lester: 11573 | 11600

## EQUIVALENTE / Equivalent

Honda: 31141RV0A01 - Litens: 920993

5735

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Nissan: Altima L31 08/200...04/2007 | Altima L32 10/2006...07/2013 | Sentra V B15 07/1998...12/2006 | Teana J31 02/2003...09/2008 | Xtrail T30 06/2001...01/2013 | Xtrail T31 03/2007...07/2014

## ALTERNADOR / Alternator

Nissan: 23100AU410

## EQUIVALENTE / Equivalent

INA: F559401 - Luk: 535014710 - Nissan: 231516N21A

5736

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Ford: Transit BOX FA 01/2000...05/2006 | Transit BUS FD, FB, FS, FZ e FC 01/2000...2006 | Transit Platform/Chassis FM, FN 01/2000...05/2006

## ALTERNADOR / Alternator

Bosch: 0124315019 | 0124315027 | 0124325248 | 0986042650 | 0986045370 | F042304066 - Ford: 4461712 | 2C1T10300BA | YC1T10300BC | YC1T10300BD | YC1T10300BE | YC1T10300BG | YC1T10300BH | YC1T10300BJ - Lester: 21890 | 21891 | 23296

## EQUIVALENTE / Equivalent

INA: F563432 - Luk: 535015910

5737

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

BMW: Motorcycle 1100 ccm, K25, K26, K27, K28

## ALTERNADOR / Alternator

BMW: 12317676907 - Bosch: 0124120007

## EQUIVALENTE / Equivalent

BMW: 12317682217 | 4630529301A - IKA: 353460 - INA: F550395 | F55039501 | F55039502 - Luk: 535010410

5738

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Mercedes Benz: Atego 01/1998...10/2004 | Atego 2 01/2004... | Axor 01/2001...10/2004 | Axor 2 10/2004... | Citaro (O 530) 01/1998... | Cito (O 520) 09/1998... | Conecto (O 345) 11/2001... | Econic 01/1998... | Tourino (O 510) 10/2003...

## ALTERNADOR / Alternator

Bosch: 0120468145 - Lester: 12388 - Mercedes Benz: 0101540002 | A010154002

## EQUIVALENTE / Equivalent

Bosch: 6033GC5009 - IKA: 335690 - INA: F23834 | F238216 | F552296 | F23821601 - Luk: 535006810 - Mercedes Benz: 9061550215 | 9061551215 | A9061550215 | A9061551215

5739

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Audi: A6 (4G2, 4GC, C7) 11/2010... | A6 Allroad (4GH, 4GJ) 01/2012... | A6 Avant (4G5, 4GD, C7) 05/2011... | A7 Sportback (4GA, 4GF) 10/2010...

## ALTERNADOR / Alternator

Hitachi: 06E903018G | 06E903018M | LR1180851 - Lester: 11852 | 11855

## EQUIVALENTE / Equivalent

Audi: 06E903119T - Hitachi: GD115958 - INA: F568796 - Luk: 535025010

5740

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Mitsubishi: i 01/2006...

## EQUIVALENTE / Equivalent

Cargo: 335238 - INA: F55256101 | F55256103 - Luk: 535015210 - Mitsubishi: 1800A119 | 1800A120

5741

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Pontiac: G6 V6 3.9 2006/2007

## ALTERNADOR / Alternator

General Motors/Chevrolet: 15824928 | 15865853 | 15901933 | 25787950 - Lester: 11143 - Valeo: TG12C040 | TG12C085 | TG13S023

## EQUIVALENTE / Equivalent

Litens: 920818 - Valeo: 2650406B | 2650406C

5742

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Citroën: C1 04/2014... - Peugeot: 108 05/2014... - Toyota: Aygo (B4) 05/2014...

## ALTERNADOR / Alternator

Citroën: B000771980 | B000912080 - Denso: 1042109820 | 270600Q160 | 270600Q180 - Lester: 24112 - Peugeot: B000771980 | B000912080

## EQUIVALENTE / Equivalent

INA: F58801601 - Luk: 535027710 - Toyota: 274150Q010

5743

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Daihatsu: Charade 1.33 16V 05/2011... - Toyota: Auris (E15) 10/2006...09/2012 | Auris (E15) DualVVTi (NRE150) 01/2010...09/2012 | Auris (E18) 10/2012... | Corolla Três volumes (E15) 10/2006... | Corolla Três volumes (E16) 05/2012... | Urban Cruiser (P1) 07/2007... | Urban Cruiser 1.33 (NSP110) 01/2009... | Yaris (P9) 01/2005... | Yaris 1.33 VVTi (NSP90) 07/2010...

## ALTERNADOR / Alternator

Denso: 1042102470 | 1042102471 | 1042102472 | 1042102960 - Ford: BR3Z10346C | BR3T10300JC - Lester: 11621 | 20953 - Toyota: 270600Y040 | 270600Y041 | 270600Y060 | 274150Y020

## EQUIVALENTE / Equivalent

Litens: 920892 - Luk: 535028210

5745

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 86

## APLICAÇÃO / Application / Aplicación

Toyota: Corolla Altis 2017

## ALTERNADOR / Alternator

Denso: TG1042112480 - Toyota: 270600T391

## EQUIVALENTE / Equivalent

Toyota: 274150T070

5761

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 87

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Camaro

## ALTERNADOR / Alternator

General Motors/Chevrolet: 13502989 - Lester: 11487 - Valeo: FG15S027

## EQUIVALENTE / Equivalent

Gates: 37172P - Litens: 920931 - Valeo: 2605991

5762

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 87

## APLICAÇÃO / Application / Aplicación

Toyota: Highlander | Venza

## ALTERNADOR / Alternator

Denso: 1042102350 | 1042102351 | 1042102352 | 1042102362 | 1042102560 | 1042102570 | 1042102610 - Lester: 11400 | 11403 | 11404 | 11408 - Toyota: 270600V020 | 270600V030 | 270600V070 | 2706036020 | 2706036030 | 2706036040

## EQUIVALENTE / Equivalent

Litens: 920907 - Toyota: 274150W110 | 274150W110B

5763

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 87

## APLICAÇÃO / Application / Aplicación

Hyundai: Elantra Saloon (MD, UD) 09/2010 | i20 (PB, PBT) 08/2008... | i30 (GD) 06/2011... | i30 Coupe 05/2013... | i30 Estate (GD) 06/2012... | ix20 (JC) 11/2010... | ix35 (LM, EL, ELH) 08/2009... - Kia: Carens IV 03/2013... | Ceed (JD) 05/2012... | Ceed Sportswagon (JD) 09/2012... | Pro Ceed (JD) 03/2013... | Rio III (UB) 09/2011... | Soul (AM) 01/2009... | Soul II (PS) 02/2014... | Sportage (QL) 09/2015... | Sportage (SL) 09/2009... | Venga (YN) 02/2010...

## ALTERNADOR / Alternator

Hyundai: 373002A650 | 373002A651 | 373002A850 - Lester: 20409

## EQUIVALENTE / Equivalent

Hyundai: 252902A000 - Litens: 920016 - Luk: 535024810

5765

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 87

## APLICAÇÃO / Application / Aplicación

Kia: Sorento L4 2.4L 2359cc VIN 6 2012...2013

## ALTERNADOR / Alternator

Lester: 11694

## EQUIVALENTE / Equivalent

Kia: 373202G700 - Litens: 920026 - Valeo: 2612071

5766

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 87

## APLICAÇÃO / Application / Aplicación

Ford: Ecosport 2.0 Flex 4WD 2012...2017

## ALTERNADOR / Alternator

Bosch: F000BL06Y0 | F000BL06Y1 - Ford: CN1510300DA

## EQUIVALENTE / Equivalent

Bosch: F000BL3041 - INA: F588371

5767

POLIA RODA LIVRE PARA ALTERNADOR - OAP  
CLUTCH PULLEY / POLEA RUEDA-LIBRE

FOTO / Photo pg. 87

## APLICAÇÃO / Application / Aplicación

Honda: Accord 2018...2019 | Civic 2016...2019 | CRV 2019

## ALTERNADOR / Alternator

Denso: 1042113710 - Honda: 3110059B003 - Lester: 21237

## EQUIVALENTE / Equivalent

Honda: 3114159BJ01 - Litens: 920058

6001

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Toyota: Tacoma

## ALTERNADOR / Alternator

Denso: 1042108230 | 1042108232 | 1042108450 | 1042108590 - Lester: 11354 - Toyota: 2706075410 | 2706075411 | 2706075412

## EQUIVALENTE / Equivalent

Litens: 920833 - Toyota: 274150W050 | 274150W051 | 274150W052

6002

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Pontiac: Vibe - Suzuki: Grand Vítara - Toyota: Alphard | Camry | Corolla | Highlander | Matrix | Previa | XB

## ALTERNADOR / Alternator

Denso: 1042103780 | 1042104660 | 1042104790 | 1042104810 | 1042104811 | 1042104880 | 1042104881 - General Motors/Chevrolet: 88975511 - Lester: 11195 | 11201 | 24020 - Toyota: RAV 4 | Solara | 270600H110 | 270600H111 | 2706028300 | 2706028310 | 2706028311 | 2706028340 | 2706028341 | 2706038320 | 2706038321 | 270600H11184

## EQUIVALENTE / Equivalent

Cargo: 333454 - Denso: 1042104880 - Litens: 600802 | 920802 - Luk: 535019810 - Ruville: 59960 - Toyota: 274150W040 | 274150W041 | 274150W042 | 274150W040A | 274150W040B | 274150W040C

6003

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Impala | Malibu | Monte Carlo

## ALTERNADOR / Alternator

Bosch: AL8812N | AL8812X | 0124425049 - General Motors/Chevrolet: 15233597 - Lester: 11236

## EQUIVALENTE / Equivalent

Bosch: F00M991241 | F00M991371 - Litens: 920797

6004

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Chrysler: 200 2.4 | Cirrus | Sebring 2.4 - Dodge: Avenger | Caliber 1.8, 2.0, 2.4 | Journey 2.4 - Jeep: Compass 2.0, 2.4 | Patriot 2.0, 2.4

## ALTERNADOR / Alternator

Chrysler: 4801323AB | 04801323AB | 4801323AC | 04801323AC | 4801323AD | 04801323AD | 4801477AA | 04801477AA | 4801490AA | 04801490AA - Lester: 11228 | 11231 | 11440 - Melco: A2TJ0481 | A2TX0281 | A3TJ2581 | A2TJ0481ZC | A3TJ2581ZC - Mitsubishi: A2TJ0481 | A2TX0281 | A3TJ2581 | 04801490AA | A2TJ0481ZC | A3TJ2581ZC | A002TX028ZC | A002TX0281ZC

## EQUIVALENTE / Equivalent

Chrysler: 04891737AB | 4891767AB - Litens: 600810 | 920810 | 920810A - Luk: 535025610 | 535028110 - Melco: A234D037BC | A252C5221C | A252C5421C | A252C5511C

6005

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Jeep: Patriot - Lexus: ES | GS | IS C | IS II | RX - Toyota: 4 Runner | Alphard | Aurion | Avalon | Camry | Crown | Hiace | Kluger | Land Cruiser | Previa | RAV 4 III | Sienna | SW4 | Tarago

## ALTERNADOR / Alternator

Denso: 1042102050 | 1042102051 | 1042102090 | 1042102100 | 1042102140 | 1042102141 | 1042102840 | 1042104470 | 1042104471 | 1042104570 | 1042104571 | 1042104572 | 1042104573 | 1042104574 | 1042104680 | 1042104740 | 1042104750 | 1042104890 | 1042105510 | 1042105511 | 1042105512 - Lester: 11136 | 11137 | 11196 | 11323 | 11325 | 11326 | 11514 | 11517 | 14072 - Toyota: 270600P140 | 270600P141 | 270600P150 | 270600P151 | 270600P184 | 270600P210 | 270600P240 | 270600P241 | 2706031030 | 2706031031 | 2706031040 | 2706031041 | 2706031042 | 2706031050 | 2706031051 | 2706031052 | 2706031060 | 2706031061 | 2706031062 | 2706031070 | 2706031071 | 2706031072 | 2706031080 | 2706031081 | 2706031082 | 2706031084 | 2706031090 | 2706031091 | 2706031100 | 2706031101 | 2706031102 | 2706031110 | 2706031111 | 2706031112 | 2706031160 | 2706031161 | 2706031162 | 2706031180 | 2706031190 | 2706031201 | 2706031211

## EQUIVALENTE / Equivalent

Litens: 600726 | 920726 | 920954 - Luk: 535020910 - Toyota: 274150W010 | 274150W060 | 274150W061 | 274150W062 | 274150W063 | 274150W010A | 274150W010B | 274150W010C | 274150W0130 | 274150W130A

6006

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Chrysler: Pacifica | Town | Voyager - Dodge: Caravan | Grand Caravan - Pontiac: Vibe - Toyota: Auris | Avensis | Camry | Corolla | Matrix | RAV 4 | tC | Verso | Yaris

## ALTERNADOR / Alternator

Bosch: AL6438X | AL6537X | AL6550X - Chrysler: 4686430AF | 4801779AG | 04801779AG | 04868430AB | 4868430AB | 4868430AC | 04868430AC | 4868430AD | 04868430AD | 04868430AE | 4868430AE | 04868430AF | 4868430AF | 4868430AH | 04868431AB | 4868431AB | 4868431AC | 04868431AC | 4868431AD | 04868431AD | 04868431AF | 04868431AF | 4868431AG | 04868431AG | 04868760AD | 4868760AE | 04868760AE | 04868760AF | 4868760AF | 4868760AH | 04868760AH | RL801624AD | RL801779AG | P04801624AD | P04801779AG - Denso: 210402090 | 1042101461 | 1042102250 | 1042102270 | 1042102340 | 1042102341 | 1042102801 | 1042102802 | 1042105390 | 1042105480 | 1042105481 | 1042105490 | 1042105491 | 1042106160 | 1042106310 | 1042107020 | 1042108342 | 4210000011 | 4210000012 | 4210000013 | 4210000021 | 4210000022 | 4210000023 | 4210000024 | 4210000025 | 4210000026 | 4210000027 | 4210000028 | 4210000141 | 4210000142 | 4210000145 | 4210000222 | 4210000223 | 4210000225 | 4210000300 | 4210000301 | 4210000302 | 4210000303 | 4210000304 | 4210000750 | 4210000770

General Motors/Chevrolet: 10396863 | 20838975 | 25815839 | 25864953 | 88975507 - Hyundai: 3730025301 | 373002G150 - Lancia: 4801624AD - Lester: 11385 | 11386 | 13870 | 13871 - Toyota: 270600T40 | 270600T040 | 270600T041 | 270600T130 | 270600T320 | 270600V010 | 2706036010 | 2706037010 | 2706037011 | 2706037040 | 2706037041 | 2706037050 | 2706037051 | 2706037081

## EQUIVALENTE / Equivalent

Chrysler: 0210400990 | 04861506AB | 4861506AC | 4861506AD | 04861506AE | 4861506AF | 04861506AG | 05184136AB - Denso: 0210101130 | 0210101170 | 0210101320 | 0210101440 | 0210101441 | 0210401811 | 0210401840 | 0210402090 | TN020102090 - Litens: 600834 | 920538 | 920685 | 920834 | 920893 | 920906 | 920971 | 600834A | 920906A - Luk: 535020810 - Toyota: 0210401110 | 0210401130 | 0210401170 | 0210401190 | 0210401320 | 0210401440 | 0210401441 | 0210401450 | 274150T010 | 274150T011 | 274150T060 | 274150W020 | 274150W020A | 274150W020B

6007

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Opel: Astra G | Combo | Signum | Speedster | Vectra B | Vectra C | Vectra C GTS | Zafira A | Zafira B - Saab: 42803 | 9-3X

## ALTERNADOR / Alternator

Bosch: 01240AA7BB | 0124415025 | 0124415026 | 0124425004 | 0124425033 | 0124425040 | 0124425048 | 0124425053 | 0124515096 | 0124525017 | 0124525058 | 0124525086 | 0986044010 | 0986044020 | 0986048070 | F00M991139 | F00M991246 - General Motors/Chevrolet: 9199575 | 93172075 | 93172080 | 93176035 | 93184952 | 93184953 | 93190828 - Lester: 11043 | 11186 | 11255 | 23107 | 23240 - Opel: 6204113 | 6204173 | 24415914 | 24455913 | 24455914 - Saab: 12755484 | 12757362 | 12757363 | 12785604 | 12803492 - Scania: 12757362 - Steyr: 12757362

## EQUIVALENTE / Equivalent

Bosch: F00M991139 - General Motors/Chevrolet: 61895226 | 93172295 - Litens: 920629 - Luk: 535007130 - Opel: 1204376 | 93172295 - Saab: 12786853 - Valeo: 588070

6009

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: Mito - BMW: 3 | 3 Touring | 318d | 320d - Fiat: 500 | 500C | Doblo | Fiorino | Grande Punto | Idea | Linea | Panda | Punto | Punto Evo | Strada  
Ford: Ka - Lancia: Musa | Ypsilon - Opel: Agila | Astra G | Astra H | Astra H Estate | Astra H GTC | Astra H Saloon | Astra H Van | Campo | Combo | Corsa D | Corsa C | Meriva B | Tigra - Suzuki: Ignis II | Splash | Swift III | Wagon R

## ALTERNADOR / Alternator

Fiat: 51727335 | 55185075 | 55185076 | 77363954 - General Motors/Chevrolet: 2542851 | 13117278 | 13117279 | 704042419 | 13283344BW - Lester: 20495 | 22795 | 22796 | 23325 | 23792 | 23922 | 23924 - Opel: 13117278 | 704114923 | 13283344BW - Suzuki: 3140000 - Valeo: 437504 | 439523 | 439615 | TG8S013 | TG8S016 | TG9S015 | TG9S016 | TG9S021 | TG9S022 | TG9S027

## EQUIVALENTE / Equivalent

Fiat: 77363954 - General Motors/Chevrolet: 93178273 | 93192631 - Litens: 600693 | 920693 - Luk: 535006310 | 535021210 - Opel: 55186280 - Ruville: 59974  
Suzuki: 3177185000 | 3177185E00 - Valeo: 580359 | 593891

6010

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Citroën: C5 - Peugeot: 407 | 407 Coupe | 407 SW | 607

## ALTERNADOR / Alternator

Bosch: 0121715001 | 0121715101 - Citroën: C6 | 5705CJ | 5705EJ | 9653459080 | 9657129680 - Lester: 24077

## EQUIVALENTE / Equivalent

Bosch: 0001231041 | F00M349860 | F00M391100 | F00M391135 - Litens: 600731 | 920731 - Luk: 535018910

6011

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Alfa Romeo: Mito - Fiat: 500 | Doblo | Fiorino | Grand Punto | Idea | Linea | Punto | Punto Evo | Qubo - Lancia: Musa | Ypsilon - Opel: Agila | Astra H | Combo | Corsa D | Corsa C | Meriva | Tigra

## ALTERNADOR / Alternator

Bosch: 0986048781 - Denso: 1012100950 | 1012100951 | 1012100960 | 1012100961 | 1012100970 | 1012100971 | 1012108610 | 1012108620 | 1012108630 | MS1012101111 - Fiat: 51787208 | 51787209 | 51787210 | 51787214 | 51805800 | 51854910 | 51854912 | 51854914 | 51854915 | 51854916 | 51855875 - Lester: 23325 | 23797 | 23922 | 23923 | 24063 | 24064 | 24065 | 24068 - Man: MAN7425 | MAN7495 - Opel: 13153237 | 13222934 | 13222935 | 13222936 | 13256932 | YZ13153237

## EQUIVALENTE / Equivalent

Cargo: 333453 - Denso: 1210410580 - Fiat: 77364721 - IKA: 335961 - Litens: 600789 | 920789 - Luk: 535019210 - Opel: 6204229

6012

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Opel: Astra H | Signum | Top | Vectra C | Zafira B - Saab: 42803

## ALTERNADOR / Alternator

Bosch: 0124325172 | 0124325221 | 0124425058 | 0124425059 | 0124425096 | 0124425097 | 0124525174 - Lester: 20007 | 23816 | 23817 - Opel: 13229990 | 13229991 | 13229992 | 13308506 | 13308508 | 93191921 | 93191922

## EQUIVALENTE / Equivalent

Bosch: F00M91281 | F00M147613 | F00M147854 | F00M992725 | F00MA47704 - General Motors/Chevrolet: 55571966 - Litens: 600856 | 920856 - Luk: 535018810

6013

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Dodge: Nitro - Jeep: Cherokee | Liberty KJ | TJ | Wrangler III

## ALTERNADOR / Alternator

Chrysler: 1210003842 | 56041578AD | 56041578AE | 56044530AA | 56044530AB | 56044530AC | 56044532AA | 56044532AB | 56044532AC | 56044532AD | 56044672AA | 56044672AB - Denso: 1042104240 | 1042104241 | 1210003490 | 1210003841 | 1210003842 | 1210003843 | 1210003846 | 1210003850 | 1210003851 | 1210004240 | 1210004390 | 1210004391 | 1210004520 | 1210004521 | 1210004550 | 1210004551 | 4210000081 | 4210000086 - Lester: 11063 | 11114 | 11385 | 11386 | 13870 | 13871 | 13960 | 13961 | 23798

## EQUIVALENTE / Equivalent

Chrysler: 053013554AB | 053013554AC | 053013554AD | 053013554AE - Denso: 0210401110 | 0210401190 | 0210401450 | 1210411450 - Litens: 600615 | 600720 | 920615 | 920720 - Luk: 535017410

6014

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Audi: A1 2010...2018 | A3 2012... | A4 2007...2015 | A4 Allroad 2009...2016 | A4 Avant 2007...2015 | A5 2007...2017 | A6 2010...2018 | A6 Avant 2011...2018 | A7 Sportback 2010...2018 | Q3 2010...2018 | Q5 2008...2017 - Seat: Alhambra 2010... | Ateca 2016... | Exeo 2008...2013 | Ibiza IV 2008... | Kodiaq 2016... | Leon 2012... | Leon SC, ST 2013... - Volkswagen: Amarok 2010... | Arteon 2017... | Beetle 2011...2019 | Golf 2014... | Multivan 2003...2015 | Multivan VI 2015... | Passat 2011... | Polo 2009... | Scirocco 2008...2017 | Sharan 2010... | T Roc 2017... | Tiguan 2016... | Touran 2015... | Transporter 2003

## ALTERNADOR / Alternator

Audi: 06A903119 | 06H903119 | 06J903119 | 06K903219 | 06H903119A | 06H903119B | 06H903201C | 06H903201D | 06H903201H | 06H903219C - Bosch: 0124525113 | 0124525210 | 0125711044 | 0125711051 | 0125711090 | 0125711127 | 0125711128 | 0125711151 | 0125711152 | 0125716009 | 0125716010 | 0986083150 | F000BL0803 | F000BL0829 - Lester: 11466 | 11724 | 11725 | 11727 | 20753 | 21123 | 24226 - Volkswagen: 06A903119 | 06H903119 | 06J903119 | 06K903015 | 06K903219 | 06A903023B | 06A903023E | 06A903023F | 06A903023G | 06H903016J | 06H903016L | 06H903016S | 06H903017D | 06H903017J | 06H903017S | 06H903017T | 06H903018D | 06H903018H | 06H903018J | 06H903018P | 06H903119A | 06H903119B | 06H903201C | 06H903201D | 06H903201H | 06H903219C | 06J903023A | 06J903023B | 06J903023D | 06J903023G | 06J903023H | 06J903023K | 06J903023N | 06J903023P | 06J903023R | 06K903015A | 06K903015B | 06K903023B | 06K903023D | 06K903023G | 06K903024A

## EQUIVALENTE / Equivalent

Bosch: F00M147910 | F00M991277 | F00M992742 | F00MA47706 - INA: 535021010 - Litens: 920851 - Volkswagen: 06H903119B

6015

POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

Chrysler: Pacifica

## ALTERNADOR / Alternator

Chrysler: 4801322AB | 4869900AB | 4869900AC | 04869900AC - Lester: 11115 | 11229 | 20082 - Mitsubishi: A3TJ0381 | A3TJ1881 | A3TJ0381ZC

**6015**POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## EQUIVALENTE / Equivalent

Chrysler: 04861638AA | 04861638AB | A252C5221C - Litens: 920768

**6018**POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Impala

## ALTERNADOR / Alternator

Denso: 1042105380 - General Motors/Chevrolet: 15846253 - Lester: 11237

## EQUIVALENTE / Equivalent

Denso: 0210401700 - Litens: 920844

**6026**POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 88

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Corvette

## ALTERNADOR / Alternator

General Motors/Chevrolet: 10305775 | 10316182 | 10327314 | 10350160 | 10353440 | 10436674 | 10305775A | 10305775B - Lester: 13864 | 13969 - Valeo: 420164 | 2650164 | 2650491 | A14VI39 | 2541445B | 2542445A | 2600730A | 2650073B | 2650164A | TG15C013 | TG15C089 | TG15C107 | TG15S010 | 36500164A

## EQUIVALENTE / Equivalent

General Motors/Chevrolet: 2601499 | 2548266A | 2548266B | 2548266C | 2548266D | 2548266E | 2601499A - Litens: 49908 | 920667 | 920667A - Valeo: 2601499A

**6027**POLIA RODA LIVRE COM AMORTECIMENTO PARA ALTERNADOR Z-VIB  
DECOUPLER PULLEY Z-VIB / POLEA RUEDA-LIBRE CON AMORTIGUAMIENTO Z-VIB

FOTO / Photo pg. 89

## APLICAÇÃO / Application / Aplicación

General Motors/Chevrolet: Corvette

## ALTERNADOR / Alternator

General Motors/Chevrolet: 10327514 | 15791160 | 15841234 | 25888970 - Lester: 13969A - Valeo: 420151 | TG15C046 | TG15C107 | TG15C139 | TG15S051 | TG15S089 | TG15S107

## EQUIVALENTE / Equivalent

Litens: 920746 | 920746A - Valeo: 2605916 | 2650151 | 2650380 | 265040B | 265040C | 2650491 | 2601628A | 2601628B

**5600**

TAMPA P/ POLIAS

COVER SEAL FOR CLUTCH PULLEY / TAPA PROTECTORA DE POLEA RUEDA-LIBRE

FOTO / Photo pg. 90

APLICAÇÃO / Application / Aplicación

ZEN: Universal

EQUIVALENTE / Equivalent

Bosch: 1120591505 - Cargo: 138092 - INA: F22655651 - Luk: 711019900

**12623**

FERRAMENTA PARA MONTAGEM/DESMONTAGEM DE POLIAS RODA LIVRE

PULLEY EXTRACTOR / HERRAMIENTA DE SACAR POLIAS

FOTO / Photo pg. 90

APLICAÇÃO / Application / Aplicación

ZEN: Universal



# CONHEÇA NOSSA LINHA COMPLETA DE PRODUTOS

MEET OUR COMPLETE PRODUCT LINE

CONOZCA NUESTRA GAMA COMPLETA DE PRODUCTOS



**IMPULSORES DE PARTIDA | POLIAS DE RODA LIVRE (OAP) | POLIAS DE RODA LIVRE COM AMORTECIMENTO Z-VIB  
POLIAS RÍGIDAS | TENSORES | KITS DE DISTRIBUIÇÃO | MANCAIS | PLANETÁRIAS**

*STARTER DRIVES | CLUTCH PULLEYS (OAP) | DECOUPLER PULLEYS Z-VIB  
RIGID PULLEYS | TENSIONERS | DISTRIBUTION KITS | HOUSINGS | PLANETARY GEARS*

*IMPULSORES DE ARRANQUE | POLEAS RUEDA LIBRE (OAP) | POLEAS RUEDA LIBRE CON AMORTIGUAMIENTO Z-VIB  
POLEAS FIJAS | POLEAS TENSORAS | KITS DE DISTRIBUCIÓN | TAPAS | ENGRANAJES PLANETARIO*

**Acesse nossas Dicas Técnicas no site**

*Access our Technical Tips on the website | Acceda a nuestras Sugerecias Técnicas en el sitio web*

**ZENSA.com.br**

**f CURTAZENSA | y ZEN S.A. | 0800 47 1919**





**ZENSA.com.br**

**ZEN S.A. INDÚSTRIA METALÚRGICA**

Guilherme Steffen, 65 • 88355-100 • Brusque/SC • Brasil

SAC Brasil 0800 47 1919 / Fone: +55 47 3255.2800

[vendas@zensa.com.br](mailto:vendas@zensa.com.br) / [sales@zensa.com.br](mailto:sales@zensa.com.br) / [ventas@zensa.com.br](mailto:ventas@zensa.com.br)