

**AUTO BARROS-ACESSÓRIOS,LDA**



COMPONENTES ELÉCTRICOS E ACESSÓRIOS AUTO  
IMPORTADOR – GROSSISTA

# CATÁLOGO FIGURAS B MOTORES DE ARRANQUE E SEUS COMPONENTES



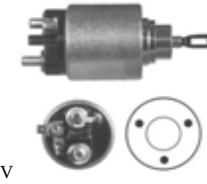
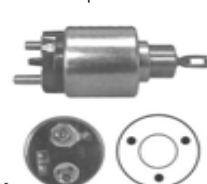
CATÁLOGO FIGURAS MOTORES DE ARRANQUE E SEUS COMPONENTES

## ÍNDICE

|  |                        |         |  |                     |         |
|--|------------------------|---------|--|---------------------|---------|
|  | BOBINES .....          | 3 – 26  |  | FORQUILHAS .....    | 55 – 58 |
|  | CARRETOS .....         | 27 – 30 |  | J. INDUTORAS .....  | 59      |
|  | CASQUILHOS .....       | 31      |  | INDUZIDOS .....     | 60      |
|  | CHUMACEIRA .....       | 31      |  | J. REPARAÇÃO .....  | 61 – 66 |
|  | CONTACTOS BOBINE ..... | 32 – 34 |  | PORTA ESCOVAS ..... | 67 – 74 |
|  | EMBOLOS .....          | 34      |  | ROLAMENTOS .....    | 75      |
|  | EMBRAIAGEM .....       | 34      |  | TAMPAS BOBINE ..... | 76      |
|  | ESCOVAS .....          | 35 – 54 |  | TAMPAS .....        | 77 – 80 |



## BOBINES DE ARRANQUE

|                                                                                                                                                                                 |                                                                                                                                                                                                       |                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SNLS-200C BOSCH</b><br>LAND ROVER<br>OEM: 0331.302.168 /...<br>139014<br><br>12V            | <b>SNLS-202A BOSCH</b><br>VÁRIOS<br>OEM: 0331.303.008/074 /...<br>131791<br><br>12V                                  | <b>SNLS-203 BOSCH</b><br>OPEL ASTRA D – KEDETT D<br>OEM: 0331.303.046 /...<br>131793<br><br>12V                |
| <b>SNLS-205A BOSCH</b><br>MERCEDES 190 E<br>OEM: 0331.303.008/074 /...<br>132259<br><br>12V    | <b>SNLS-210 BOSCH</b><br>CINTROEN BX – PEUGEOT 205 D<br>OEM: 0331.303.066 /...<br>132265<br><br>12V                  | <b>SNLS-211 BOSCH</b><br>VOLVO D<br>OEM: 0331.303.082 /...<br>132265<br><br>12V                                |
| <b>SNLS-212 BOSCH</b><br>AUDI – RENAULT – V.W.<br>OEM: 0331.303.082 /...<br>132266<br><br>12V | <b>SNLS-213 BOSCH</b><br>VÁRIOS<br>OEM: 0331.303.086/7 /...<br>132299<br><br>12V                                    | <b>SNLS-221B BOSCH</b><br>FORD<br>OEM: 2339.304.015 /...<br>138877<br><br>12V                                 |
| <b>SNLS-222B BOSCH</b><br>VÁRIOS<br>OEM: 2339.304.021 /...<br>230356<br><br>12V              | <b>96 SNLS-236 BOSCH</b><br>OPEL CORSA – V.W.<br>OEM: 0331.303.002/071 /...<br>52 131586   101 SND-1168<br><br>12V | <b>96 SNLS-236A BOSCH</b><br>CINTROEN D<br>OEM: 0331.303.006/070 /...<br>52 131143   101 SND-1192<br><br>12V |

2005 / 2006

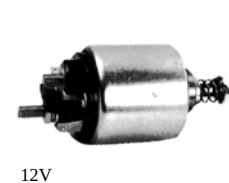
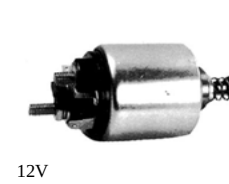
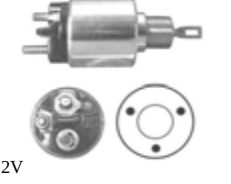
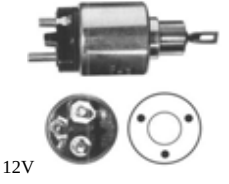
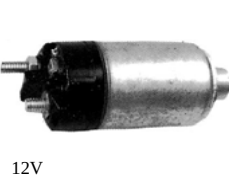
CATÁLOGO B

PAG. 3

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO, AP 76, 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164, 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12, AP 30325, 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                   |                                                                                                                                                                          |                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SNLS-236E BOSCH</b><br>VÁRIOS<br>OEM: 0331.303.037/041 /...<br>132260<br><br>12V            | <b>SNLS-237 BOSCH</b><br>FORD – V.W.<br>OEM: 0331.303.004/9 /...<br>131474<br><br>12V | <b>SNLS-237A BOSCH</b><br>FORD FIESTA<br>OEM: 0331.303.034 /...<br>132261<br><br>12V            |
| <b>SNLS-237F BOSCH</b><br>V.W.<br>OEM: 0331.303.147 /...<br>134824<br><br>12V                  | <b>SNLS-237J BOSCH</b><br>VÁRIOS<br>OEM: 0331.303.042 /...<br>131586<br><br>12V       | <b>SNLS-238 BOSCH</b><br>FORD VÁRIOS<br>OEM: 0331.303.005/031 /...<br>130475<br><br>12V         |
| <b>SNLS-238F BOSCH</b><br>VÁRIOS<br>OEM: 0331.303.125 /...<br>133424<br><br>12V               | <b>SNLS-238I BOSCH</b><br>VÁRIOS<br>OEM: 0331.303.140 /...<br>138971<br><br>12V      | <b>SNLS-240 BOSCH</b><br>V.W. VÁRIOS<br>OEM: 0331.303.007/010 /...<br>130476<br><br>12V        |
| <b>SNLS-243 BOSCH</b><br>OPEL KADETT<br>OEM: 0331.302.024 /...<br>134823   GP-539<br><br>12V | <b>SNLS-246 BOSCH</b><br>OPEL<br>OEM: 0330.041.001/4 /...<br><br>12V                | <b>SNLS-251 BOSCH</b><br>AUDI – OPEL – VOLVO<br>OEM: 0331.302.081/4 /...<br>131790<br><br>12V |

2005 / 2006

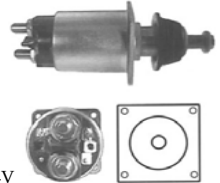
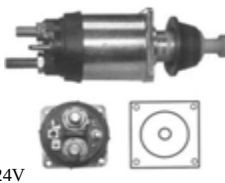
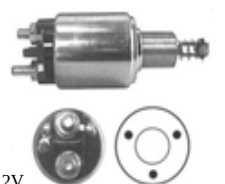
CATÁLOGO B

PAG. 4

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO, AP 76, 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164, 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12, AP 30325, 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                        |                                                                                                                                                                               |                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SNLS-258 BOSCH</b><br>SCANIA<br>OEM: 2339.403.006 /...<br>138311<br><br>24V                        | <b>SNLS-258A BOSCH</b><br>SCANIA<br>OEM: 2339.403.010 /...<br>139967<br><br>24V              | <b>SNLS-276 BOSCH</b><br>OPEL - MERCEDES<br>OEM: 0331.402.013 /...<br>131042<br><br>12V            |
| <b>SNLS-277 BOSCH</b><br>MERCEDES 220-240-300 D<br>OEM: 0331.402.001 /...<br>130301/130806<br><br>12V | <b>SNLS-280 BOSCH</b><br>TRACTOR SAME<br>OEM: 0331.402.002/3 /...<br>130302<br><br>12V       | <b>SNLS-280A BOSCH</b><br>TRACTOR - MAQUINAS<br>OEM: 2339.402.132 /...<br>230452<br><br>12V        |
| <b>SNLS-280C BOSCH</b><br>TRACTOR - MAQUINAS<br>OEM: 2339.402.157 /...<br>233852<br><br>24V          | <b>SNLS-280D BOSCH</b><br>TRACTOR - MAQUINAS<br>OEM: 2339.402.136 /...<br>231711<br><br>24V | <b>SNLS-283 BOSCH</b><br>TRACTOR URSS<br>OEM: 0331.401.001 /...<br>130297   203.01.056<br><br>12V |
| <b>SNLS-284 BOSCH</b><br>VÁRIOS<br>OEM: 0331.402.077 /...<br>130300<br><br>12V                      | <b>SNLS-285 BOSCH</b><br>SCANIA - MAGIROS<br>OEM: 0331.402.015 /...<br>130939<br><br>24V   | <b>SNLS-286 BOSCH</b><br>OEM: 0331.402.070 /...<br>131141<br><br>12V                             |

2005 / 2006

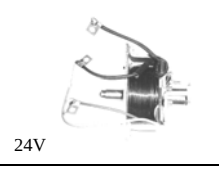
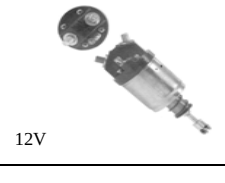
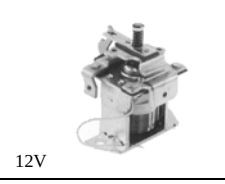
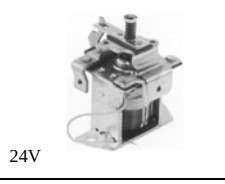
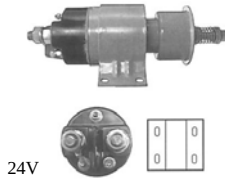
CATÁLOGO B

PAG. 5

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                                  |                                                                                                                                                                                       |                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SNLS-291 BOSCH</b><br>TRACTOR FIAT<br>OEM: 0331.402.031 /...<br>132254<br><br>24V                          | <b>SNLS-293 BOSCH</b><br>CARRARO - JHONDEERE - SAME<br>OEM: 0331.402.076 /...<br>130296<br><br>12V | <b>SNLS-296 BOSCH</b><br>MERCEDES ATEGO<br>OEM: 2339.402.156 /...<br>230904<br><br>24V |
| <b>203.01.022 BOSCH</b><br>BNG<br>OEM: 0331.450.002 /...<br>130305<br><br>24V                                 | <b>203.01.048 FEMSA</b><br>...<br>OEM: 0331400009<br><br>12V                                       | <b>203.01.051 BOSCH</b><br>MERCEDES BUS<br>OEM: 0331.401.006 /...<br>130299<br><br>12V |
| <b>203.01.056 BOSCH</b><br>MERCEDES - TRACTOR URSS<br>OEM: 0331.401.001 /...<br>130297   SNLS-283<br><br>12V | <b>229.01.001/2 BOSCH</b><br>BNG<br>OEM: 0331.100.014/101.001 /...<br>130281<br><br>12V           | <b>229.01.004 BOSCH</b><br>BNG<br>OEM: 0331.100.101.002/3/4 /...<br>130282<br><br>24V |
| <b>229.01.011 BOSCH</b><br>BNG<br>OEM: 0331.101.005/6 /...<br>130283<br><br>24V                             | <b>136692 BOSCH</b><br>CATERPILAR<br>OEM: 0331.410.002<br>0001.420. ... /...<br><br>24V          |                                                                                                                                                                           |

2005 / 2006

CATÁLOGO B

PAG. 6

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

**SNLS-12A BOSCH**  
RODADO MORTO  
OEM: ...

12V

**SNLS-16B BOSCH**  
RODADO MORTO  
OEM: ...

12V

**SNLS-17B BOSCH**  
RODADO MORTO  
OEM: ...  
133617

24V

**SNLS-24A BOSCH**  
RODADO MORTO  
OEM: ...  
132949

24V

**SNLS-600A BOSCH**  
RODADO MORTO  
OEM: 0333.006.004 /...  
100A  
52 131370

12V

**96 SNLS-601B BOSCH**  
RODADO MORTO  
OEM: 0333.006.0061 /...  
100A  
52 131371 | SND-11015

24V

**SNLS-R246 BOSCH**  
SCANIA  
OEM: 1337.210.726 /...  
230386

24V

2005 / 2006

CATÁLOGO B

PAG. 7

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12 - AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

**101 SND-1162 BUTEC**  
AEC - LEYLAND - MÁQUINAS  
OEM: 77452 / 850686 /...  
52 132140

24V

**203.02.001 CAV**  
MÁQUINAS  
OEM: 6211-39 - CA45-D12 /...  
132594

12V

**203.02.004 CAV**  
MÁQUINAS  
OEM: 6211-39B/C - CA45-F/G12  
132595

12V

**203.02.005 CAV**  
MÁQUINAS  
OEM: 6211-191 - CA45-D12  
132596

12V

**203.02.006 CAV**  
MÁQUINAS  
OEM: 6211-191A - CA45-F12  
132597

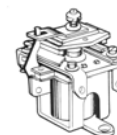
12V

**203.02.007 CAV**  
MÁQUINAS  
OEM: 6211-152C - CA45-D24  
132598

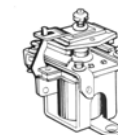
24V

**203.02.008 CAV**  
MÁQUINAS  
OEM: 6211-152A/B - CA45-F24  
132600

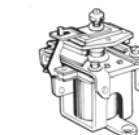
24V

**229.02.005 CAV**  
MÁQUINAS  
OEM: 267-1/3 - BS-5-12  
GP-1008

12V

**229.02.006 CAV**  
MÁQUINAS  
OEM: 267-2/4 - BS-5-24  
130332

24V

**101 SND-1430 CAV**  
MÁQUINAS  
OEM: 6010-51 - BS-6-24  
52 138390

24V

2005 / 2006

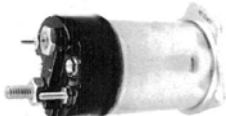
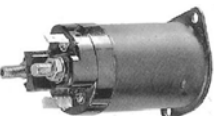
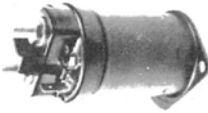
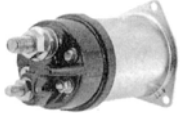
CATÁLOGO B

PAG. 8

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12 - AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                             |                                                                                                                                                                             |                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SNLS-143 DELCO</b><br>GM – OPEL<br>OEM: 1114356 – 10/20/25 MT /...<br>130499<br><br>12V | <b>SNLS-145 DELCO</b><br>GM – OPEL<br>OEM: 1114514 – 05/24/31 MT /...<br>131590<br><br>12V | <b>SNLS-146C DELCO</b><br>MÁQUINAS<br>OEM: 1115502 – 40/56 MT /...<br>131363<br><br>12V |
| <b>SNLS-147 DELCO</b><br>MÁQUINAS<br>OEM: 1115579 – 50 MT /...<br>131364<br><br>24V        | <b>SNLS-147C DELCO</b><br>MÁQUINAS<br>OEM: 1119848 – 50 MT /...<br>131364<br><br>24V       | <b>SNLS-147H DELCO</b><br>MÁQUINAS<br>OEM: 1115579 – 50 MT /...<br>131364<br><br>24V    |
| <b>SNLS-148 DELCO</b><br>MÁQUINAS<br>OEM: 1115541 – 30/35 MT /...<br>130500<br><br>12V    | <b>SNLS-154 DELCO</b><br>GM – OPEL<br>OEM: DR-902 /...<br>131119<br><br>12V               | <b>SNLS-155 DELCO</b><br>GM – OPEL<br>OEM: DR-901 /...<br>130963<br><br>12V            |
| <b>SNLS-156 DELCO</b><br>GM – OPEL<br>OEM: DR-903 /...<br>131272<br><br>12V              | <b>SNLS-157 DELCO</b><br>GM – OPEL<br>OEM: DR-904 /...<br>131273<br><br>12V              | <b>SNLS-D37 DELCO</b><br>MÁQUINAS<br>OEM: 1115591 /...<br>131356<br><br>12V           |

2005 / 2006

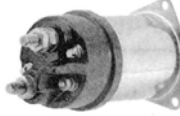
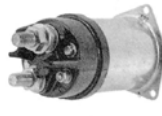
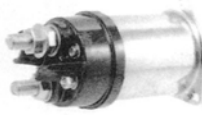
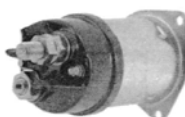
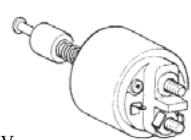
CATÁLOGO B

PAG. 9

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO, AP 76, 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164, 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12, AP 30325, 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                        |                                                                                                                                                                                          |                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SNLS-D37A DELCO</b><br>MÁQUINAS<br>OEM: 1115589 /...<br>138591<br><br>12V                        | <b>SNLS-D38 DELCO</b><br>MÁQUINAS<br>OEM: 1115594 – 37 MT /...<br>131361<br><br>24V                   | <b>SNLS-D42 DELCO</b><br>MÁQUINAS<br>OEM: 1115593 – 42 MT /...<br>131369<br><br>12V              |
| <b>SNLS-D42A DELCO</b><br>MÁQUINAS<br>OEM: 1115609 – 42 MT /...<br>139209<br><br>12V                | <b>SNLS-D42C DELCO</b><br>MÁQUINAS<br>OEM: 1115610 – 37 MT /...<br>231914<br><br>12V                  | <b>SNLS-D43 DELCO</b><br>MÁQUINAS<br>OEM: 1115595 – 42 MT /...<br>131349<br><br>24V              |
|                                                                                                                                                                                        |                                                                                                                                                                                          |                                                                                                                                                                                     |
| <b>101 SND-1122 DUC.</b><br>PEUGEOT 404D – 504D<br>OEM: 60116/606927 /...<br>52 131797<br><br>12V | <b>101 SND-1654 DUC.</b><br>CINTROEN BX – UNO – PEUGEOT<br>OEM: 683480 /...<br>52 133120<br><br>12V | <b>133129 DUCCELLIER</b><br>CINTROEN CX – FIAT<br>OEM: 583161/863129 /...<br>7 1302<br><br>12V |

2005 / 2006

CATÁLOGO B

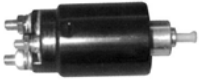
PAG. 10

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO, AP 76, 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164, 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12, AP 30325, 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886





## BOBINES DE ARRANQUE

|                                                                                                                                                                            |                                                                                                                                                                                 |                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>132271 FEMSA</b><br>FORD FIESTA<br>OEM: 29159-1 /...<br>CEA 1401<br><br>12V            | <b>132272 FEMSA</b><br>FORD FIESTA<br>OEM: 32688-1 /...<br>CEA 1402<br><br>12V                 | <b>203.01.048 FEMSA</b><br>FORD FIESTA<br>OEM: 0331400009<br><br>12V                         |
|                                                                                                                                                                            | <b>SNLS-108 FORD</b><br>FORD TRANSIT 99-<br>OEM: F3RZ-11390-A/B /...<br>138496<br><br>12V      |                                                                                                                                                                               |
| <b>SS-2700 HINO</b><br>MITSUB. FUSO 6DB - NISSAN UD4<br>OEM: 30066-05105 /...<br><br>24V | <b>SS-2705 HINO</b><br>FURACABA FL-220L<br>OEM: 1350-005-00 /...<br><br>24V                   | <b>SS-2706 HINO</b><br>HINO EC - EH - KL - KR<br>OEM: 1350-001-00 /...<br>136520<br><br>24V |
| <b>SS-2707 HINO</b><br>HINO TE - KB - RC - RF<br>OEM: 1350-006-10 /...<br><br>24V       | <b>SS-2716 HINO</b><br>NISSAN CW - CWL - YANMAR<br>OEM: 23343-99107 / 1350-012-11<br><br>24V | <b>SS-2722 HINO</b><br>NISSAN CD-54 - CW-54<br>OEM: 23308-99003 / 1350-098-20<br><br>24V   |

2005 / 2006

CATÁLOGO B

PAG. 11

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO. AP 76. 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                                                           |                                                                                                                                                                                                             |                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SS-1200 HITACHI</b><br>ISUZU TLD - NISSAN CABALL<br>OEM: 23342-37502 / 2120M-5700<br>130811   SNLS-690<br><br>12V                   | <b>SS-1204 HITACHI</b><br>NISSAN 1200<br>OEM: 23343-10600 / 2114-4700<br>130811   SNLS-690<br><br>12V                    | <b>SS-1207 HITACHI</b><br>DATSUM 1600-160B-180B<br>OEM: 23343-2100 / 2114-7750<br>131799<br><br>12V        |
| <b>SS-1211 HITACHI</b><br>DATSUM 100A-12Y - SUNNY<br>OEM: 23343-H5000/1 / 2114-37001<br>131144   SNLS-612<br><br>12V                   | <b>SS-1212 HITACHI</b><br>NISSAN PICKUP<br>OEM: 23343-N3300/2114-57001<br>131800   SNLS-613<br><br>12V                   | <b>SS-1214 HITACHI</b><br>DATSUM - SUNNY<br>OEM: 23343-H9100 / 2114-47005<br>132093   SNLS-615<br><br>12V  |
| <b>SS-1215 HITACHI</b><br>NISSAN CABALL<br>OEM: 23343-G7002 / 2120-57002<br>131431   SNLS-618H<br><br>12V                             | <b>SS-1217 HITACHI</b><br>ISUZU TLD-KBD - NISSAN CABALL<br>OEM: 23343-G7001 / 2130-6700<br>132059   SNLS-617<br><br>12V | <b>SS-1218 HITACHI</b><br>NISSAN CABALL<br>OEM: 23343-G7002 / 2130-37003<br>131431   SNLS-618H<br><br>12V |
| <b>SS-1219 HITACHI</b><br>NISSAN - OPEL CORSA 1.5D<br>OEM: 2114-27501<br>M.A. : S114-480 / 808 / 850<br>132094   SNLS-621<br><br>12V | <b>SS-1221 HITACHI</b><br>DATSUM CEDRIC<br>OEM: 23343-V0700 / 2114-77004<br>131144   SNLS-612<br><br>12V               | <b>SS-1222 HITACHI</b><br>DATSUM - NISSAN<br>OEM: 23343-W1700<br>M.A. : S13-102<br>133047<br><br>12V     |

2005 / 2006

CATÁLOGO B

PAG. 12

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO. AP 76. 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

**SS-1224 HITACHI**  
DATSUM – PICKUP 720  
OEM: 23343-U6000  
133054 | SNLS-616



12V

**SS-1225 HITACHI**  
NISSAN SUNNY D  
OEM: 2114-47504  
132421



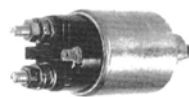
12V

**SS-1226 HITACHI**  
PICKUP C720 – OPEL CORSA 1.5D  
OEM: 2114-77007  
M.A. : S114-481  
132698 | SNLS-622



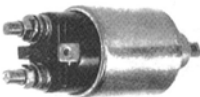
12V

**SS-1227 HITACHI**  
PICKUP SD-23/25  
OEM: 23343-43G00 / 2130-67005  
M.A. : S13-106  
133750 | SNLS-627



12V

**SS-1228 HITACHI**  
PICKUP D-21  
OEM: 23343-10G00 / 2130-97004  
M.A. : S13-92  
133749 | SNLS-628



12V

**SS-2511 HITACHI**  
NISSAN(DIESEL) UD – CKL 10-11  
OEM: 23343-9007/8  
SNLS-712



24V

**SS-2512 HITACHI**  
NISSAN(DIESEL) PDC  
OEM: 23343-99005  
SNLS-713



24V

**SS-2516 HITACHI**  
NISSAN(DIESEL) UD – CK – 25-FD6  
OEM: 2250-27002  
132914 | SNLS-718



24V

**SS-2517 HITACHI**  
NISSAN CABALL  
OEM: 23343-T5520 / 2250-17002  
132423 | HDS-0225



24V

**SS-2519 HITACHI**  
NISSAN CW – 51  
OEM: 23343-99110 / 2210-17002  
139958 | SNLS-711



24V

**SS-2520 HITACHI**  
NISSAN CK – 50/60 – CW – 51  
OEM: 23343-99109  
SNLS-710



24V

**SS-2523 HITACHI**  
NISSAN CABSTAR ED-33 – H-40  
OEM: 23343-T9001/2 / 2240-1700  
SNLS-719



24V

2005 / 2006

CATÁLOGO B

PAG. 13

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO, AP 76, 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164, 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12, AP 30325, 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

**SS-2524 HITACHI**  
ISUZU NKR  
OEM: 89415-298109 / 2240-5700  
136141 | SNLS-715



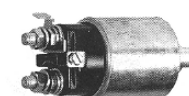
24V

**SS-2525 HITACHI**  
NISSAN PATROL(24V)  
OEM: 23343-C8601 / 2270-37001  
134812 | SNLS-628A



24V

**SS-2526 HITACHI**  
BEDFORD – ISUZU NKR-NPR  
OEM: 2240-4701H



24V

**SS-2527 HITACHI**  
ISUZU NKR-NPR  
OEM: 2250-87007



24V

**SS-2528 HITACHI**  
ISUZU NKR-NPR  
OEM: 2250-87007



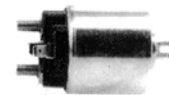
24V

**SNLS-304 HITACHI**  
OPEL  
OEM: S114-829  
133044



12V

**SNLS-624 HITACHI**  
NISSAN  
OEM: 2114-27502 / 47502  
133044 | SS-1209/1250



12V

**2114-97005 HITACHI**  
NISSAN  
OEM: 2114-97005  
138368 | SS-1212



12V

**2250-97001 HITACHI**  
NISSAN PATROL – CABSTAR  
OEM: 2250-97001  
138744



24V

**SS-1303 HONDA**  
HONDA CIVIC  
OEM: 31204-634-005  
131800 | SNLS-613



12V

**SS-1305 HONDA**  
HONDA ACCORD  
OEM: 31204-657-005  
133271 | SNLS-650



12V

**SS-1307 HONDA**  
HONDA CIVIC – PRELUDE  
OEM: 31204-676-602  
131804 | SNLS-651



12V

2005 / 2006

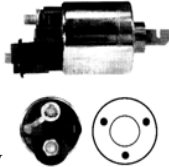
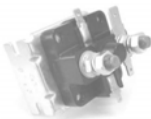
CATÁLOGO B

PAG. 14

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO, AP 76, 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164, 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12, AP 30325, 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                         |                                                                                                                                                                                               |                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SS-1663 HONDA</b><br>HONDA ACORD – CIVIC – PRELUDE<br>OEM: 31204-PA5-911/991<br>133675<br><br>12V   | <b>SS-1690 HONDA</b><br>HONDA CIVIC<br>OEM: 31210-PC2-016<br>133290   SNLS-603<br><br>12V                    | <b>SS-1691 HONDA</b><br>HONDA CIVIC<br>OEM: 31210-PC2-026<br>133076<br><br>12V                                           |
| <b>63 SS-1692 HONDA</b><br>HONDA<br>OEM: 31210-P0A-004<br>M.A. : SM442-02<br>CARGO = 232004<br><br>12V |                                                                                                                                                                                               |                                                                                                                                                                                                           |
| <b>101 SND-157 LUCAS</b><br>AUXILIAR – T/AUSTIN<br>OEM: 76766<br>52 130872   SS-703<br><br>12V        | <b>101 SND-161 LUCAS</b><br>AUXILIAR – T/AUSTIN – 2LIG.<br>OEM: 76771<br>52 130853<br><br>12V               | <b>101 SND-162 LUCAS</b><br>AUXILIAR – T/AUSTIN – 2LIG.<br>OEM: 76795<br>52 130853<br><br>12V                           |
| <b>101 SND-1401 LUCAS</b><br>TRACTOR FORD<br>OEM: TOB-194/77031/93/94<br>52 133187<br><br>12V        | <b>101 SND-1409 LUCAS</b><br>FORD TRACTOR – M50<br>OEM: 76984 / TOB-108<br>52 131248   SNLS-334<br><br>12V | <b>101 SND-1410 LUCAS</b><br>FORD TRANSIT (PERKINS) – M50<br>OEM: 76985 / TOB-125<br>52 131121   SNLS-335/6<br><br>12V |

2005 / 2006

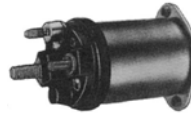
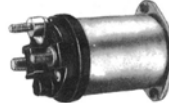
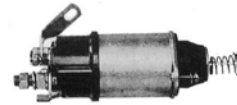
CATÁLOGO B

PAG. 15

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12 - AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                                        |                                                                                                                                                                                                |                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>101 SND-1412 LUCAS</b><br>FORD TRANSIT (PERKINS) – M45G<br>OEM: 76458 / TOB-153<br>52 131252   SS-705<br><br>12V | <b>101 SND-1417 LUCAS</b><br>FORD TRACTOR – M45G<br>OEM: 77011 / TOB-128<br>52 131876   SNLS-344<br><br>12V | <b>101 SND-1441 LUCAS</b><br>AUSTIN – FORD<br>OEM: 77121 / TOB-110<br>52 133531<br><br>12V                      |
| <b>101 SND-1450 LUCAS</b><br>FORD TRANSIT<br>OEM: 77122 / TPB-124<br>52 134888<br><br>12V                           | <b>SNLS-326 LUCAS</b><br>FORD<br>OEM: 77193 / TPB-152<br>133590   101 SND-1449<br><br>12V                   | <b>SNLS-330 LUCAS</b><br>FORD ESCORT – FIESTA – M79<br>OEM: 77165 / TPB-136<br>134455<br><br>12V                |
| <b>SNLS-331 LUCAS</b><br>FORD ESCORT – FIESTA – M79<br>OEM: 77185/190 / TPB-142<br>133301<br><br>12V               | <b>96 SNLS-342 LUCAS</b><br>FORD – M45G<br>OEM: 76891 / 76796<br>52 130855   101 SND-1408<br><br>12V       | <b>SNLS-348 LUCAS</b><br>TRACTOR FORD – FIAT<br>OEM: 76994 / TOB-134/182<br>131785   GP-5228<br><br>12V        |
| <b>130484 LUCAS</b><br>FORD – VAUXALL – M35J<br>OEM: 76995 / TOB-112<br>GP-506<br><br>12V                         | <b>131255 LUCAS</b><br>FORD ESCORT – CORTINA – M35J<br>OEM: 77033 / TOB-160<br>GP-507<br><br>12V          | <b>132404 LUCAS</b><br>BEDFORD 500 – FORD 2400 – M127<br>OEM: 77033 / TOB-160<br>GP-593   SNLS-356<br><br>24V |

2005 / 2006

CATÁLOGO B

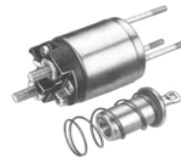
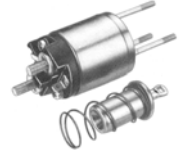
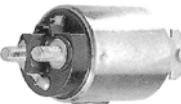
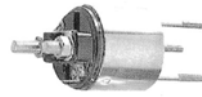
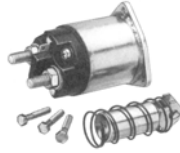
PAG. 16

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12 - AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886





## BOBINES DE ARRANQUE

|                                                                                                                                                                                                |                                                                                                                                                                                        |                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>133187 LUCAS</b><br>FIAT UNO D – 127 D<br>OEM: 77091/ TOB-193<br>CEA = 1801<br><br>12V                     |                                                                                                                                                                                        |                                                                                                                                                                           |
| <b>101 SND-1233 MARELL</b><br>FIAT REGATA D – TIPO D – UNO D<br>OEM: 8553033/85540041<br>52 132228<br><br>12V | <b>101 SND-1237 MARELL</b><br>FIAT REGATA D – TIPO D – UNO D<br>OEM: 63600901<br>52 134019<br><br>12V | <b>101 SND-1240 MARELL.</b><br>FIAT UNO – PANDA<br>OEM: 85540071<br>52 131589<br><br>12V |
| <b>101 SND-1601 MARELL</b><br>FIAT UNO – Y-10<br>OEM: 85540371<br>52 132249<br><br>12V                       | <b>SNLS-274 MARELLI</b><br>FIAT 150NC – 170NC<br>OEM: 63633901/925<br>131115   CEA 1120<br><br>24V   | <b>SNLS-275 MARELLI</b><br>FIAT IVECO<br>OEM: 63633825<br>131112   CEA 1119<br><br>12V  |
| <b>SNLS-303 MARELLI</b><br>FIAT PUNTO<br>OEM: 85540981<br>137191   CEA 1137<br><br>12V                      | <b>130373 MARELLI</b><br>FIAT TRACTOR<br>OEM: 63602200/90<br>203.04.025<br><br>12V                  | <b>130377 MARELLI</b><br>FIAT 127 – RITMO<br>OEM: 63600483<br>7 1111<br><br>12V        |

2005 / 2006

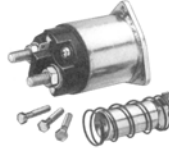
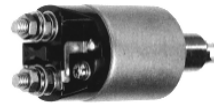
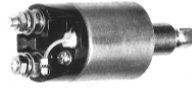
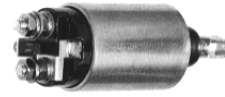
CATÁLOGO B

PAG. 17

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>130829 MARELLI</b><br>FIAT 55 NC – 89-90-110<br>OEM: 63633501<br>CEA 1118<br><br>24V                               | <b>131437 MARELLI</b><br>FIAT 124 – 127 – 128 – 131<br>OEM: 85530290<br>CEA 1105<br><br>12V                                  | <b>132137 MARELLI</b><br>FIAT UNO D – FORD<br>OEM: 85540301<br>CEA 1101<br><br>12V                          |
| <b>133083 MARELLI</b><br>FIAT REGATA D – TIPO D<br>OEM: 85540581<br>CEA 1124   GP-5314<br><br>12V                     | <b>139786 MARELLI</b><br>ALFA ROMEO 33<br>OEM: 85530050<br>CEA 1125<br><br>12V                                               |                                                                                                                                                                                                |
| <b>SS-1503 MITSUBISCHI</b><br>MAZDA – MITS.<br>OEM: M371X-00171<br>231976   SNLS-660<br><br>12V                      | <b>SS-1504 MITSUBISCHI</b><br>MAZDA E 2700 – MITS. CANTER<br>OEM: M371X-11272<br><br>12V                                    | <b>SS-1505 MITSUBISCHI</b><br>MITS. CANTER T200 – T210<br>OEM: M371X-12571<br>132470   SNLS-663<br><br>24V |
| <b>SS-1507 MITSUBISCHI</b><br>MAZDA 323 – 626 – 1300 – 1600<br>OEM: M371X-00171/372<br>133052   SNLS-664<br><br>12V | <b>SS-1508 MITSUBISCHI</b><br>DATSUM 1200/1300/1400/1500<br>OEM: M371X-00272 / 23343-B5010<br>131802   SNLS-661<br><br>12V | <b>SS-1509 MITSUBISCHI</b><br>MITS. T200 – T210<br>OEM: M371X-45171<br>133521   SNLS-750<br><br>24V       |

2005 / 2006

CATÁLOGO B

PAG. 18

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

**SS-1513 MITSUBISCHI**  
MAZDA E 3000 - T 2500 - T 3000  
OEM: M371X-41971  
132470



12V

**SS-1514 MITSUBISCHI**  
MAZDA T2500/2700 - MITS T200/210  
OEM: M371X-42171  
132470 | SNLS-663



12V

**SS-1515H MITSUBISCHI**  
MAZDA - MITS. CANTER T200  
OEM: M372X-00471  
132472 | SNLS-672



12V

**SS-1516 MITSUBISCHI**  
MITS. CANTER FE 101  
OEM: M372X-10171  
132591 | SNLS-751



24V

**SS-1520 MITSUBISCHI**  
MAZDA E 2200 - E 3000  
OEM: M372X-04171  
132473 | SNLS-666



12V

**SS-1521 MITSUBISCHI**  
MAZDA T 2500  
OEM: M372X-06171  
132471



12V

**SS-1522 MITSUBISCHI**  
MITS. CANTER FE 110 - FE 214  
OEM: M372X-10371/971  
132591 | SNLS-752



24V

**SS-1523 MITSUBISCHI**  
NISSAN  
OEM: M371X-16171/22348-M8110  
133052 | SNLS-664



12V

**SS-1524 MITSUBISCHI**  
MITS. 4 DR-5  
OEM: M372X-00671



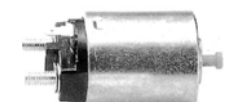
24V

**SS-1526 MITSUBISCHI**  
MITS. FE-444  
OEM: M372X-11171  
132594



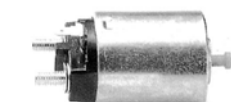
24V

**SS-1528 MITSUBISCHI**  
FORD - MAZDA - MITS. - NISSAN  
OEM: M371X-62171/23343-M8011  
133288 | SNLS-610



12V

**SS-1529 MITSUBISCHI**  
FORD - MAZDA - MITS. - NISSAN  
OEM: M371X-74371  
133289 | SNLS-610C

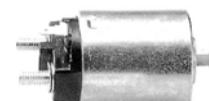


12V



## BOBINES DE ARRANQUE

**SS-1530 MITSUBISCHI**  
FORD - MAZDA - MITS. - NISSAN  
OEM: 23343-G8400  
138823



12V

**SS-1540 MITSUBISCHI**  
MITS. FM-215 - FK-115 - TK-115  
OEM: M371X-20171  
SNLS-753



24V

**SS-1541 MITSUBISCHI**  
MITS. 601 - 602  
OEM: M371X-20671  
136344 | SNLS-755



24V

**SS-1542 MITSUBISCHI**  
MAZDA T300 - T4100  
OEM: M371X-20571  
138418 | SNLS-757



24V

**SS-1543 MITSUBISCHI**  
MAZDA E3700 - T4100 - T5500  
OEM: M371X-20271  
SNLS-760



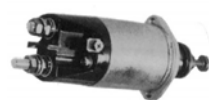
24V

**SS-1544 MITSUBISCHI**  
MITS. FN-348 - FV-438  
OEM: M371X-21571  
136142 | SNLS-758



24V

**SS-1545 MITSUBISCHI**  
MITS. FE-447  
OEM: M371X-20871  
SNLS-759



24V

**SS-1562 MITSUBISCHI**  
MITS. FL - FP - FT - FU 112W  
OEM: M374X-00171



24V

**SS-1568 MITSUBISCHI**  
MITS. FD-101 - FM-104 - T800  
OEM: M373X-00171/371



24V

**SS-1569 MITSUBISCHI**  
MITS. FP-102/3/112/3/20/214 - FV  
OEM: M373X-004571  
SNLS-754



24V

**SS-1570 MITSUBISCHI**  
MITS. FP-101 - FP-117 - FP-317  
OEM: M373X-04071  
SNLS-771



24V

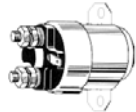
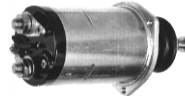
**SNLS-609C MITS.**  
NISSAN PICKUP 89-  
OEM: M371X-78371/23300-G8400



12V



## BOBINES DE ARRANQUE

|                                                                                                                                                                                              |                                                                                                                                                                                          |                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SNLS-681 MITS.</b><br>MITSUBISHI MÁQUINAS<br>OEM: M4T-66074<br>M.A.: M4T-66074<br><br>12V                | <b>96 SNLS-7531 MITS.</b><br>RENAULT PREMIUN<br>OEM: M371X-...<br>M.A.: M9T-60371/671<br><br>24V        | <b>96 SNLS-753A MITS.</b><br>MITSUBISHI CANTER FE-507<br>OEM: M371X-B2371<br>M.A.: M8T-85071<br><br>24V |
| <b>96 SNLS-6073 MITS.</b><br>MITSUBISHI L400<br>OEM: M371X-A02073 /...<br>139573<br><br>12V                 | <b>96 SNLS-R243 MITS.</b><br>MITSUBISHI CANTER FE-507<br>OEM: U001X-31272<br>M.A.: M8T-85071<br><br>24V | <b>U001X-06198 MITS.</b><br>AUXILIAR<br>OEM: U001X-06198<br><br>24V                                      |
| <b>SS-146 NIKKO</b><br>ISUZU - KOMATSU D 55S - D 60/65<br>OEM: 047100-2670<br>134630   SNLS-754<br><br>24V | <b>SS-148 NIKKO</b><br>ISUZU - KOMATSU D 50<br>OEM: 047100-2690<br>132495   SNLS-761<br><br>24V        | <b>SS-149 NIKKO</b><br>ISUZU ELF 350 - KOMATSU<br>OEM: 047100-0031<br>HDS-0408<br><br>24V               |
| <b>SS-153 NIKKO</b><br>ISUZU - KOMATSU D 50A<br>OEM: 047100-0090<br><br>24V                               | <b>SS-155 NIKKO</b><br>ISUZU - KOMATSU D 20/21<br>OEM: 747100-0130<br><br>24V                         | <b>SS-156 NIKKO</b><br>ISUZU TLD - KOMATSU<br>OEM: 5.8115-10340<br><br>12V                             |

2005 / 2006

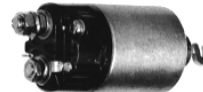
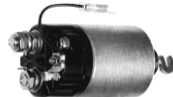
CATÁLOGO B

PAG. 21

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                       |                                                                                                                                                                                              |                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SS-158 NIKKO</b><br>ISUZU SFR - KOMATSU<br>OEM: 5.8115-10360<br>SNLS-765<br><br>24V             | <b>SS-160 NIKKO</b><br>ISUZU NKR - NPR - KOMATSU<br>OEM: 8.94171-2490<br><br>24V                          | <b>SS-161 NIKKO</b><br>ISUZU KS - KOMATSU<br>OEM: 5.8115-10380<br>133482   SNLS-768<br><br>24V   |
| <b>SS-166 NIKKO</b><br>ISUZU - KOMATSU PC150 - PC200<br>OEM: 047100-3510<br>133395<br><br>24V      | <b>SS-171 NIKKO</b><br>ISUZU - KOMATSU D50 - D60 - D75<br>OEM: 0.47100-3420<br>132499<br><br>24V          | <b>HDS-0405 NIKKO</b><br>ISUZU - KOMATSU 55S<br>OEM: 7-4100-0170/1<br><br>24V                    |
| <b>747100-0180 NIKKO</b><br>ISUZU - KOMATSU 355<br>OEM: 7-4100-0180<br><br>24V                    |                                                                                                                                                                                              |                                                                                                                                                                                     |
| <b>SS-1607 NIPODENSO</b><br>TOYOTA CORONA<br>OEM: 28150-51010/50<br>132057   SNLS-632<br><br>12V | <b>SS-1608 NIPODENSO</b><br>TOYOTA COROLLA KE 10/20<br>OEM: 28150-22011<br>130814   SNLS-631<br><br>12V | <b>SS-1609 NIPODENSO</b><br>TOYOTA COROLLA<br>OEM: 28150-41020<br>131084   SNLS-630<br><br>12V |

2005 / 2006

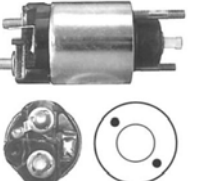
CATÁLOGO B

PAG. 22

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                   |                                                                                                                                                                                    |                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SS-1613 NIPODENSO</b><br>TOYOTA STARLET<br>OEM: 28150-120031<br>131084<br><br>12V             | <b>SS-1660 NIPODENSO</b><br>TOYOTA<br>OEM: 28150-15011<br>131807   SNLS-633<br><br>12V            | <b>SS-1682 NIPODENSO</b><br>TOYOTA COROLLA<br>OEM: 28150-11710<br>133809   SNLS-6384<br><br>12V |
| <b>SS-1700 NIPODENSO</b><br>TOYOTA DYNA JK-171/6 - 77<br>OEM: 28150-46011<br>SNLS-634<br><br>12V | <b>SS-1705 NIPODENSO</b><br>TOYOTA DYNA JK-170/5 - 70<br>OEM: 28150-46010<br><br>24V              | <b>SS-1707 NIPODENSO</b><br>DAIHATSU DELTA D<br>OEM: 28150-87303<br>SNLS-634<br><br>12V         |
| <b>SS-1708 NIPODENSO</b><br>TOYOTA DYNA BU-3000<br>OEM: 28150-56021<br><br>12V                  | <b>SS-1709 NIPODENSO</b><br>TOYOTA DYNA 77<br>OEM: 28150-56011<br>137033   SNLS-720<br><br>24V   |                                                                                                                                                                                  |
| <b>SS-2603 NIPODENSO</b><br>TOYOTA DYNA 12/13<br>OEM: 28150-66011<br>134413<br><br>24V         | <b>SS-2604 NIPODENSO</b><br>TRACTOR JONHDEERE<br>OEM: AR90074/ 053400-3490<br>132641<br><br>12V |                                                                                                                                                                                  |

2005 / 2006

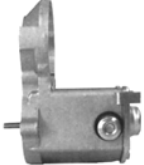
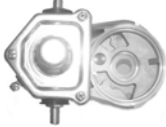
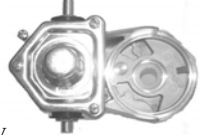
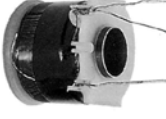
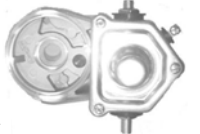
CATÁLOGO B

PAG. 23

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

|                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>96 599908 NIPODENSO</b><br>TOYOTA HAICE /HAILUX 96-<br>OEM: 28150-54380<br>M.A.: 28100-54380<br><br>12V | <b>P-5010 NIPODENSO</b><br>IMPILHADORES BU 20 - BU 30<br>OEM: 28150-17020 / 05400-2600<br>137566<br><br>24V | <b>P-5110 NIPODENSO</b><br>TOYOTA DYNA<br>OEM: 153400-1120<br><br>12V                                    |
| <b>P-5910 NIPODENSO</b><br>TOYOTA JY 30 - HINO<br>OEM: 053400-2520/30/3090<br>137567<br><br>24V            | <b>P-5944 NIPODENSO</b><br>TOYOTA DYNA<br>OEM:<br>BOBINAGEM P/ MOTORES DE<br>4.5KW<br><br>24V               | <b>P-500308 NIPODENSO</b><br>TOYOTA HAICE - HAILUX<br>OEM: 053400-4754 /28150-54181<br>230827<br><br>12V |
| <b>P-6710 NIPODENSO</b><br>TOYOTA DYNA 250<br>OEM: 053400-7321<br>230577<br><br>12V                       | <b>P-800117 NIPODENSO</b><br>TOYOTA HAICE 97><br>OEM:<br><br>12V                                           | <b>P-801417 NIPODENSO</b><br>TOYOTA HAICE<br>OEM: 153400-3690<br>230583<br><br>12V                      |
| <b>P-802417 NIPODENSO</b><br>HONDA - ROVER<br>OEM: 153400-0030<br>234075<br><br>12V                      | <b>SNLS-501 PAL/SKODA</b><br>SKODA FELICIA<br>OEM: 443.937.150.870<br>136270<br><br>12V                   | <b>SNLS-502 PAL/SKODA</b><br>TRACTOR URRS<br>OEM: 443.930.157.971<br>132120   GP-5401<br><br>12V       |

2005 / 2006

CATÁLOGO B

PAG. 24

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12. AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## BOBINES DE ARRANQUE

**SNLS-537 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 103794/CED-533/38/544  
131584



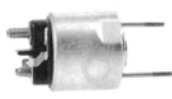
12V

**SNLS-538 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 104594 / CED-541  
133532



12V

**SNLS-539 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 102190/106143 / CED-528  
133166



12V

**SNLS-540 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 105254/182462 / CED-543  
133534



12V

**SNLS-544 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 182464 / CED-518  
133128



12V

**SNLS-550 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 102217 / CED-529  
131171



12V

**SNLS-551 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 102849/138144 / CED-533  
131584



12V

**SNLS-552 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 106142 / CED-546/548  
133533



12V

**SNLS-553 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 182460 / CED-537  
133533



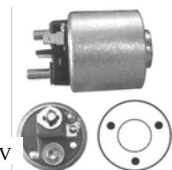
12V

**SNLS-555 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 104604 / CED-540  
133163



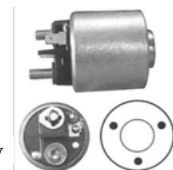
12V

**SNLS-558 P.R./VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 594045 / 594...  
M.A. : D6RA-... / D7RA-...  
132976/7



12V

**96 SNLS-559 VALEO**  
CINTROEN - PEUGEOT - RENAULT  
OEM: 594047 / 594...  
M.A. : D6RA-... / D7RA-...  
52 132976/7 | 101 SND-12903



12V

2005 / 2006

CATÁLOGO B

PAG. 25

SEDE: R.ERNESTO GONÇALVES,290 . EN 1. SEIXEZELO . AP 76 . 4416-901 PEDROSO . TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO . TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: Rº DE PEDROUÇOS, 27 - LOJA-12 . AP 30325 . 1400-999 LISBOA . TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



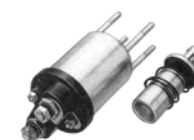
## BOBINES DE ARRANQUE

**SNLS-560 P.R./VALEO**  
CITROEN - PEUGEOT - RENAULT  
OEM: 594048 / 594...  
M.A. : D6RA-... / D7RA-...  
231610



12V

**101 SND-1284 VALEO**  
CITROEN - PEUGEOT - RENAULT  
OEM: 070872 / CED-58  
52 130997



12V

**101 SND-1286 ALEO**  
CITROEN - PEUGEOT - RENAULT  
OEM: 072529/076187 / CED-408  
52 131000



12V

**101 SND-1285 VALEO**  
CITROEN - PEUGEOT - RENAULT  
OEM: 073302/182438 / CED-501  
52 131071 | 76 203.07.037



12V

**101 SND-12910 VALEO**  
MÁQUINAS  
OEM: 182423 /CED-616  
M.A. = D13E-100/4/5 TE  
CARGO = 132967



24V

**101 SND-12911 VALEO**  
MÁQUINAS  
OEM: 182432 /CED-621  
M.A. = D13HP-613  
CARGO = 132968



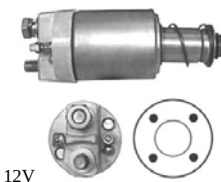
24V

**131798 P.R./VALEO**  
CITROEN - PEUGEOT - RENAULT  
OEM: 077770 / CED-468  
GP-5251



12V

**132069 ROMENO**  
TRACTOR ROMENO  
OEM: DM-2130/34



12V

2005 / 2006

CATÁLOGO B

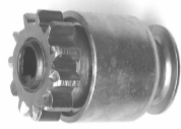
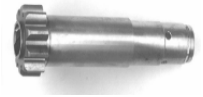
PAG. 26

SEDE: R.ERNESTO GONÇALVES,290 . EN 1. SEIXEZELO . AP 76 . 4416-901 PEDROSO . TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO . TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: Rº DE PEDROUÇOS, 27 - LOJA-12 . AP 30325 . 1400-999 LISBOA . TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



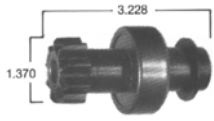
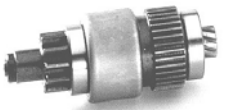


## CARRECTOS

|                                                                                                                                                                                            |                                                                                                                                                                                                   |                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1612 BOSCH</b><br>FIAT UNO D – RENAULT S5 D<br>OEM: 1006.209.538/9<br>CARGO = 133205<br><br>10 D       | <b>1754 BOSCH</b><br>VÁRIOS<br>OEM: 1006.200.006<br>CARGO = 133456<br><br>9 D – AÇO                              | <b>3315 BOSCH</b><br>SCANIA – VOLVO<br>OEM: 2006.382.176<br>CARGO = 130419<br><br>9 D – AÇO                     |
| <b>131766 BUTEC</b><br>MÁQUINAS<br>OEM: 850363 / 852758<br>GAP = GP-424<br><br>12 D                       | <b>131749 CAV</b><br>MÁQUINAS<br>OEM: 6211-66<br>GAP = GP-462<br><br>11 D – 6 ESFERAS                            | <b>130539 DELCO</b><br>MÁQUINAS – 40MT – 50MT<br>OEM: 1952083 / 800066<br>GAP = GP-423<br><br>11 D              |
| <b>2114-55550 HITACHI</b><br>NISSAN PICKUP D-21<br>OEM: 2114-25500/505<br>CARGO = 132459<br><br>9 D      | <b>2130-1503 HITACHI</b><br>NISSAN PICKUP D-21<br>OEM: 2130-1503<br>CARGO = 135271<br>UNIP = SD-4218<br><br>9 D | <b>2240-8500 HITACHI</b><br>BEDFORD NKR – NPR<br>OEM: 2240-6500<br>CARGO = 139841<br>UNIP = SD-4016<br><br>9 D |
| <b>23312-37504 HITACHI</b><br>NISSAN CABAL<br>OEM: 2120-25001<br>CARGO = 131985<br>GM = 1598<br><br>9 D | <b>1667/2907 LUCAS</b><br>FORD D – TRACTOR<br>OEM: 54268140 / TMB-170<br>CARGO = 132852<br><br>13 D            | <b>2420 LUCAS</b><br>AUSTIN – FORD<br>OEM: TLB-112<br>CARGO = 130449<br><br>9 D                               |



## CARRECTOS

|                                                                                                                                                                                             |                                                                                                                                                                                                                 |                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1573/4 MARELLI</b><br>FIAT IVECO<br>OEM: 72159801<br>CARGO = 132821<br><br>9 D                        | <b>1660 MARELLI</b><br>FIAT UNO<br>OEM: 9941300<br>CARGO = 230757<br><br>9 D                                                 | <b>M191T-26171 MITS.</b><br>NISSAN – MITSUBISCHI<br>OEM: M191T-26171<br>CARGO = 133268<br><br>8 D                                      |
| <b>M357T-72672 MITS.</b><br>MITSUBISCHI CANTER<br>OEM: M357T-72672<br>CARGO = 133449<br><br>9 D          | <b>M605X-31971 MITS.</b><br>MITSUBISCHI CANTER<br>OEM: M605X-31971<br>CARGO = 133871<br><br>9 D                              | <b>028300-1390 NIPODEN.</b><br>TRACTOR KUBOTA<br>OEM: 028300-1390<br>CARGO = 138137<br><br>9 D                                         |
| <b>1729 NIPODENSO</b><br>TOYOTA HIACE – HAILUX<br>OEM: 028099-3310/5460<br>CARGO = 132405<br><br>11 D   | <b>28011-54010 NIPODEN.</b><br>TOYOTA DYNA<br>OEM: 28011-54010<br>CARGO = 132942<br>GM = 1683<br>UNIP = SD-5070<br><br>11 D | <b>28011-54070 NIPODEN.</b><br>TOYOTA HIACE – HAILUX<br>OEM: 28011-54070<br>CARGO = 137293<br>GM = 1963<br>UNIP = SD-5052<br><br>11 D |
| <b>28011-54380 NIPODEN.</b><br>TOYOTA HIACE – HAILUX<br>OEM: 28011-54380<br>UNIP = SD-5022<br><br>10 D | <b>1525 P.R./VALEO</b><br>PEUGEOT 504 D<br>OEM: 105325<br>CARGO = 132200<br><br>10 D                                       | <b>3158 P.R./VALEO</b><br>CINTROEN – PEUGEOT – RENAULT<br>OEM: 099931<br>CARGO = 131111<br><br>9 D                                   |



## CARRECTOS UNIPOINT

**96 SD-3161 DELCO**  
MÁQUINAS  
OEM: 10457058/168  
M.A.: 10465058/ 1113273 - 28MT  
52 133976



12 D - CW - Dia: 46.3 mm

**96 SD-3163 DELCO**  
MÁQUINAS  
OEM: 10456455 /57056  
M.A.: 10465365/ 1113292 - 28MT  
52 133854



10 D - CW - Dia: 32 mm

**96 SD-4012 HITACHI**  
NISSAN  
OEM: 2130-15005  
M.A.: S13-106  
29 1904 | 52 135718



9 D - CW - Dia: 36.2 mm

**96 SD-4013 HITACHI**  
NISSAN  
OEM: 2114-15507/2130-75004  
M.A.: S13-92  
29 1716 | 52 135091



9 D - CW - Dia: 36.2 mm

**96 SD-4015 HITACHI**  
ISUZU - NISSAN  
OEM: 2114-55506/85008  
M.A.: S114-254  
29 1737 | 52 132001



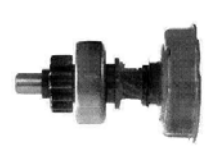
9 D - CW - Dia: 29.3 mm

**96 SD-4016 HITACHI**  
ISUZU NKR  
OEM: 2240-8500  
M.A.: S24-03  
52 139841



9 D - CW - Dia: 36.2 mm

**96 SD-4061 HITACHI**  
OPEL CORSA C  
OEM:  
M.A.: S114-829  
52 233436



13 D - CW - Dia: 33.1 mm

**96 SD-4112 HITACHI**  
ISUZU NKR  
OEM: 2240-2550/4550  
M.A.: S24-03  
52 139842



Dia: 64.5 mm

**96 SD-4161 HITACHI**  
OPEL CORSA C  
OEM:  
M.A.: S114-829  
52 231795



13 D - CW - Dia: 33.1 mm

**96 SD-4217 HITACHI**  
NISSAN  
OEM: 2114-95501  
M.A.: S13-92  
29 1726 | 52 133042



9 D - CW - Dia: 36.2 mm

**96 SD-4218 HITACHI**  
NISSAN  
OEM: 2130-1503  
M.A.: S13-106  
29 2228 | 52 135271



9 D - CW - Dia: 36.2 mm



## CARRECTOS UNIPOINT

**96 SD-3039 MITSUB.**  
MITSUBISCHI CANTER FB-501  
OEM: M357X-91971/3  
M.A.: M8T-75071  
52 232054



10 D - CW - Dia: 32.6 mm

**96 SD-3136 MITSUB.**  
MITSUBISCHI CANTER FB-501  
OEM: M191X-68785/585 /69871  
M.A.: M8T-75071  
52 232229



L: 91.5

**96 SD-3246 MITSUB.**  
MITSUBISCHI CANTER FB-501  
OEM: M605X-95271  
M.A.: M8T-75071  
52 232230



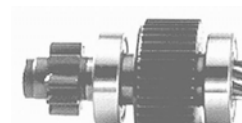
10 D - CW - Dia: 32.6 mm

**96 SD-5022 NIPOD.**  
TOYOTA HIACE  
OEM: 28011-54380/ 028300-7270  
M.A.: 28100-54380  
52 139244



10 D - CW - Dia: 33 mm - L: 83mm

**96 SD-5050 NIPOD.**  
ISUZU KB 26  
OEM: 028300-1841  
M.A.: 028000-5060  
52 132863



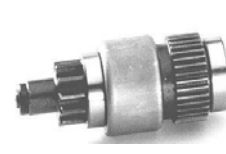
9 D - CW - Dia: 33 mm - L: 102mm

**96 SD-5052 NIPOD.**  
TOYOTA HIACE  
OEM: 28011-54070/ 028099-2700  
M.A.: 28100-54070/ 02800-7370  
52 137293



11 D - CW - Dia: 40 mm - L: 102mm

**96 SD-5070 NIPOD.**  
TOYOTA DYNA  
OEM: 28011-54010/ 028300-4551  
M.A.: 128000-0490  
52 132942



11 D - CW - Dia: 40mm - L: 146mm



## CASQUILHOS

**140104 LUCAS**  
FORD D -TRACTORES  
OEM: TCB-118  
101 BUH-6500

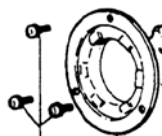


## CHUMACEIRA (TAMPA)

**60.975 BOSCH**  
KB 12/24 V  
OEM: 2005.825.077  
M.A. : 0001.410/1/3/4/5/6/7/8 /...



**2240-3615 HITACHI**  
ISUZU NKR  
OEM: 2240-3615  
M.A. : S24-03 /...



## CONTACTOS DE BOBINE

**136460 BOSCH**  
VÁRIOS  
OEM:  
BOBINE : 0331.402....  
M10 x 22 | M10 x 30



**132142 BUTEC**  
MÁQUINAS  
OEM: 850689  
GAP = GP-1010



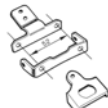
**130851 CAV**  
MÁQUINAS  
OEM: 6211-32/33  
M.A. : CA-45-D/F - 12  
101 SNC-115



**132605 CAV**  
MÁQUINAS  
OEM: 6211-150/33A  
M.A. : CA-45-D/F - 24  
GAP = GP-1005/6

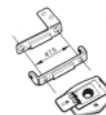


**GP-1003 CAV**  
MÁQUINAS  
OEM: 5632-8/28/37  
M.A. : BBNG-5-24 / BS-6-24



## CONTACTOS DE BOBINE

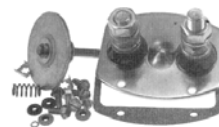
**GP-1004 CAV**  
MÁQUINAS  
OEM: 5919-16/17/69  
M.A. : BS-5-12



**GP-2958 CAV**  
MÁQUINAS  
OEM: 5933-845/963  
M.A. : CA-45-C-12



**131058 DELCO**  
MÁQUINAS  
OEM: 1953242  
M.A. : 40MT - 50MT  
101 SNC-3508



**132952 DELCO**  
MÁQUINAS  
OEM: 1906049  
M.A. : 40MT - 50MT  
GAP = GP-1064B



**GP-1064A DELCO**  
MÁQUINAS  
OEM: 1906049  
M.A. : 40MT - 50MT  
M12 x 55 | M12 x 67



**P-5049/55 NIPODENSO**  
TOYOTA DYNA  
OEM:

( M 10 )



**P-5047 NIPODENSO**  
TOYOTA DYNA  
OEM:

( M 10 )



**P-5050 NIPODENSO**  
TOYOTA DYNA  
OEM:

( M 10 )



**P-5555 NIPODENSO**  
ISUZU  
OEM:

( M 10 )



**P-500140 NIPODENSO**  
HONDA - TOYOTA HAICE - HAILUX  
OEM:

( M 8 )



**P-500143 NIPODENSO**  
HONDA - TOYOTA HAICE - HAILUX  
OEM:

( M 8 )





## CONTACTOS DE BOBINE

**P-800140 NIPODENSO**  
HONDA – TOYOTA HAICE – HAILUX  
OEM:

( M 8 )



**P-800143 NIPODENSO**  
HONDA – TOYOTA HAICE – HAILUX  
OEM:

( M 8 )



**P-800243 NIPODENSO**  
HONDA – TOYOTA HAICE – HAILUX  
OEM:

( M 8 )



**101 SNC-13901 NIPOD.**  
HONDA – ROVER  
OEM: 28100-4550  
( M 8 )  
CARGO = 131830



**101 SNC-13902 NIPOD.**  
HONDA – TOYOTA HAICE – HAILUX  
OEM: 28017-19502  
( M 8 )  
CARGO = 131831



**101 SNC-13904 NIPOD.**  
ISUZU – TOYOTA DYNA  
OEM:  
( M 10 )  
CARGO = 131832



**101 SNC-13913 NIPOD.**  
HONDA – TOYOTA HAICE – HAILUX  
OEM:  
( M 8 )  
CARGO = 133635



**101 SNC-13914 NIPOD.**  
HONDA – ROVER  
OEM:  
( M 8 )  
CARGO = 133621



**101 SNC-13923 NIPOD.**  
TOYOTA HAICE - HAILUX  
OEM:  
( M 8 )



**101 SNC-13924 NIPOD.**  
HONDA – TOYOTA HAICE – HAILUX  
OEM:  
( M 8 )  
CARGO = 135384 + 135385



**101 SNC-13929 NIPOD.**  
TOYOTA HAICE - HAILUX  
OEM:  
( M 8 )  
CARGO = 139495



**101 SNC-13932 NIPOD.**  
HONDA – TOYOTA HAICE – HAILUX  
OEM:  
( M 8 )  
CARGO = 139532



## CONTACTOS DE BOBINE

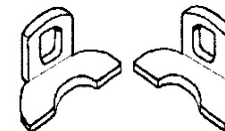
**27 GP-3630 NIPOD.**

ISUZU – TOYOTA DYNA  
OEM: 28017-19511  
( M 10 )  
CARGO = 131833



**27 GP-3761 NIPOD.**

ISUZU – TOYOTA DYNA  
OEM:  
( M 10 )



## EMBOLOS

**101 EC-3501 DELCO**

MÁQUINAS  
OEM: 1948522  
M.A. : 40MT – 50MT  
CARGO = 130522



**P-5013 NIPODENSO**

TOYOTA DYNA  
OEM: 053660-0443/0660  
CARGO = 132570  
L 119 mm | O.D. 39,5 mm



**P-500127 NIPODENSO**

TOYOTA HAICE – HAILUX  
OEM: 053660-0401/710  
CARGO = 132563  
L 96 mm | O.D. 37 mm



**P-501627 NIPODENSO**

HONDA - ROVER  
OEM: 053660-7240  
CARGO = 230221  
L 96,8 mm | O.D. 20,65 mm



**P-800118 NIPODENSO**

TOYOTA HAICE – HAILUX  
OEM: 053660-7120  
CARGO = 136374  
L 96,5 mm | O.D. 35 mm



## EMBRAIAGEN

**3510 BOSCH**

VOLVO – SCANIA – (BNG)  
OEM: 2006.401.904  
CARGO = 130328  
ROTAÇÃO D



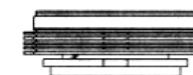
**3539 BOSCH**

VOLVO – SCANIA – (FKB)  
OEM: 2006.401.527  
CARGO = 130317  
ROTAÇÃO D



**3514 CAV**

MÁQUINAS  
OEM: 5586-123C  
ROTAÇÃO D





## ESCOVAS

|                                                                                                                                                                        |                                                                                                                                                                           |                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BSX-12 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.100 /...<br>9 x 13 x 25.5<br><br>6/12V | <b>BSX-29 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.104 /...<br>7 x 16 x 22<br><br>12V        | <b>BSX-33 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.106 /...<br>9 x 20 x 28.5<br><br>12V      |
| <b>BSX-34 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.107 /...<br>9 x 20 x 28.5<br><br>24V   | <b>BSX-35 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.109 /...<br>12 x 20 x 28.5<br><br>12V     | <b>BSX-36 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.105 /...<br>12 x 36 x 30<br><br>24V       |
| <b>BSX-39 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.002 /...<br>9 x 13 x 25.5<br><br>24V  | <b>BSX-43 (4) BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.110 /...<br>7 x 16 x 22<br><br>6/12V | <b>BSX-44 (4) BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.006 /...<br>8 x 22 x 22.5<br><br>12V |
| <b>BSX-49 BOSCH</b><br>VÁRIOS<br>OEM: 1107.014.126 /...<br>7 x 16 x 18<br><br>6V    | <b>BSX-51 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.115 /...<br>7 x 16 x 22<br><br>6V       | <b>BSX-52 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.000 /...<br>7 x 14 x 17.5<br><br>12V    |



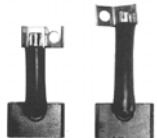
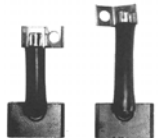
## ESCOVAS

|                                                                                                                                                                           |                                                                                                                                                                           |                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BSX-54 (4) BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.112 /...<br>7 x 16 x 18<br><br>12V  | <b>BSX-59 (4) BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.117 /...<br>7 x 16 x 18<br><br>12V  | <b>BSX-60/99 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.048/060 /...<br>12 x 36 x 27<br><br>24V |
| <b>BSX-62 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.011 /...<br>10 x 25 x 23<br><br>12V     | <b>BSX-67 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.012 /...<br>8 x 25 x 23<br><br>24V      | <b>BSX-68 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.017 /...<br>12 x 40 x 27<br><br>24V        |
| <b>BSX-70 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.018 /...<br>7 x 14 x 16<br><br>12V     | <b>BSX-75 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.026 /...<br>7 x 10 x 18<br><br>12V     | <b>BSX-78 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.027 /...<br>7 x 10 x 16<br><br>12V        |
| <b>BSX-85 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.022 /...<br>8 x 25 x 23<br><br>12/24V | <b>BSX-92 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.047 /...<br>12 x 20 x 28.5<br><br>12V | <b>BSX-96 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.052 /...<br>10 x 25 x 23<br><br>12V      |



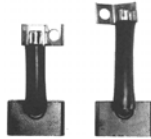
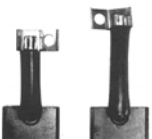


## ESCOVAS

|                                                                                                                                                                            |                                                                                                                                                                            |                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BSX-97 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.057 /...<br>9 x 16 x 17<br><br>12V         | <b>BSX-98 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.126 /...<br>7 x 10 x 18<br><br>12V         | <b>BSX-100 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.049 /...<br>8 x 25 x 23<br><br>24V       |
| <b>BSX-101 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.040 /...<br>9 x 16 x 18<br><br>12V        | <b>BSX-102 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.053 /...<br>9 x 16 x 25,5<br><br>12V      | <b>BSX-104 (4) BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.054 /...<br>7 x 16 x 18<br><br>12V   |
| <b>BSX-106 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.127 /...<br>7 x 16 x 18<br><br>12V      | <b>BSX-121 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.128 /...<br>7 x 14 x 16<br><br>12V       | <b>BSX-129 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.059 /...<br>12 x 36 x 27<br><br>12V     |
| <b>BSX-131 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.048/060 /...<br>12 x 36 x 27<br><br>24V | <b>BSX-134/144 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.062 /...<br>10 x 25 x 17<br><br>12V | <b>BSX-135/145 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.063 /...<br>8 x 25 x 17<br><br>24V |



## ESCOVAS

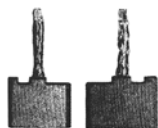
|                                                                                                                                                                           |                                                                                                                                                                             |                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BSX-137/143 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.068 /...<br>9 x 16 x 17<br><br>12V | <b>BSX-138/142 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.069 /...<br>9 x 16 x 15,5<br><br>12V | <b>BSX-139 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.065 /...<br>9 x 16 x 17<br><br>12V    |
| <b>BSX-140 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.138 /...<br>7 x 16 x 15<br><br>12V     | <b>BSX-146 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.137 /...<br>7 x 10 x 14<br><br>12V       | <b>BSX-147 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.067 /...<br>10 x 36 x 27<br><br>24V   |
| <b>BSX-148 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.070 /...<br>12 x 36 x 27<br><br>24V   | <b>BSX-150 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.140 /...<br>5 x 13 x 13/16<br><br>12V   | <b>BSX-151 BOSCH</b><br>VÁRIOS<br>OEM: 1007.014.137 /...<br>7,5 x 18 x 19<br><br>12V |
| <b>BSX-152 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.144 /...<br>7 x 16 x 15<br><br>12V   | <b>BSX-154 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.145 /...<br>7 x 10 x 14<br><br>12V     | <b>BSX-155 BOSCH</b><br>VÁRIOS<br>OEM: 2007.014.071 /...<br>10 x 25 x 15<br><br>12V |



## ESCOVAS

**BSX-157/158 BOSCH**

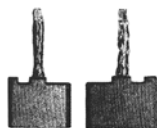
VÁRIOS  
OEM: 1004.336.909 /...  
6 x 18 x 13/14,5



12V

**BSX-159/160 BOSCH**

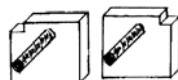
VÁRIOS  
OEM: 1004.320.110/111 /...  
5 x 16 x 13



12V

**BSX-161/162 BOSCH**

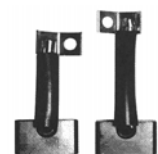
VÁRIOS  
OEM: 1004.320.118/119 /...  
5 x 12 x 13



12V

**BSX-163/164 BOSCH**

VÁRIOS  
OEM: 2007.014.073 /...  
10 x 25 x 15



12V

**BSX-165 BOSCH**

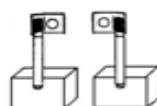
VÁRIOS  
OEM: 9003.337.001 /...  
7,5 x 18 x 18



24V

**BSX-170/171 BOSCH**

VÁRIOS  
OEM: 2007.014.077/85 /...  
10 x 25 x 15



24V

**BSX-172/173 BOSCH**

VÁRIOS  
OEM: 2007.017.079 /...  
12 x 36 x 19



24V

**BSX-175/176 BOSCH**

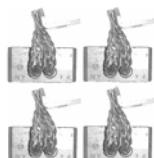
VÁRIOS  
OEM: 1004.336.801/...  
5 x 12 x 12



12V

**BSX-177 BOSCH**

SCANIA T  
OEM: 2007.014.082/...  
9 x 36 x 18



24V

**BSX-185 BOSCH**

VÁRIOS  
OEM: 1004.320.164.001 /...  
4,6 x 12 x 11,2



12V

**BSX-192/193 BOSCH**

VÁRIOS  
OEM: 6033AD014/...  
6 x 22 x 15



12V

**BSX-194/195 BOSCH**

VÁRIOS  
OEM: 6033AD3196/7 ...  
7,5 x 27 x 16



12V



## ESCOVAS

**BSX-196 BOSCH**

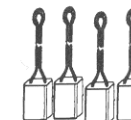
VÁRIOS  
OEM: 1004.336.822/861 /...  
5 x 8,5 x 11,5



12V

**BUTSX-4 BUTEC**

MÁQUINAS LEYLAND (MS-1/3/5)  
OEM: 850749 /...  
21 x 20 x 19,5  
GAP = GP-316



24V

**ASX-5/6 (8) CAV**

MÁQUINAS  
OEM: 6068-4 /...  
12 x 14 x 26



24V

**ASX-7/9 CAV**

MÁQUINAS  
OEM: 6068-2/13 /...  
9 x 20 x 26



24V

**ASX-8/11 CAV**

MÁQUINAS  
OEM: 6068-1/8/28 /...  
9 x 20 x 26



12V

**ASX-18 CAV**

MÁQUINAS  
OEM: 6068-10 /...  
12 x 20 x 26



24V

**ASX-19 CAV**

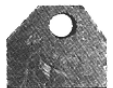
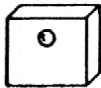
MÁQUINAS  
OEM: 6068-18/34 /...  
9 x 20 x 26



12V

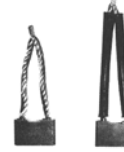


## ESCOVAS

|                                                                                                                                                                                     |                                                                                                                                                                                           |                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RX-60 (4) DELCO</b><br>MÁQUINAS<br>OEM: 190692679 /...<br>6,3 x 19,05 x 16<br><br>12V           | <b>RX-70 (4) DELCO</b><br>MÁQUINAS ( 40MT )<br>OEM: 1906986 /...<br>9,5 x 19,05 x 19<br><br>24V          | <b>RX-87 (4) DELCO</b><br>MÁQUINAS<br>OEM: 1906958 /...<br>9,5 x 19,05 x 19<br><br>12V               |
| <b>RX-92 DELCO</b><br>MÁQUINAS ( 50MT )<br>OEM: 1906989 /...<br>7,9 x 19,05 x 19<br><br>24V        | <b>RX-95 DELCO</b><br>MÁQUINAS<br>OEM: 1946434 /...<br>7,9 x 19,05 x 19<br><br>6/12V                     | <b>RX-97 DELCO</b><br>MÁQUINAS<br>OEM: 1946400 /...<br>6,3 x 19,05 x 16<br><br>12V                   |
| <b>RX-120 DELCO</b><br>GM - OPEL<br>OEM: DR-700/751 /...<br>6 x 16 x 14<br><br>12V                | <b>RX-122 H DELCO</b><br>MÁQUINAS ( 40MT )<br>OEM: 1852883 /...<br>9,5 x 38,1 x 21<br><br>24V           | <b>RX-124 H DELCO</b><br>MÁQUINAS ( 50MT )<br>OEM: 1852888 /...<br>7,9 x 38,1 x 20,6<br><br>24V     |
| <b>RX-134 H DELCO</b><br>MÁQUINAS ( 42MT )<br>OEM: 1852894 /...<br>10,5 x 36,6 x 24,4<br><br>24V | <b>RX-135 H DELCO</b><br>MÁQUINAS ( 37MT - 41MT )<br>OEM: 1852983 /...<br>9,5 x 28,6 x 26,3<br><br>24V | <b>RX-419/420 DELCO</b><br>MÁQUINAS ( 28MT )<br>OEM: 10457119 /...<br>7,9 x 24,8 x 19,5<br><br>24V |

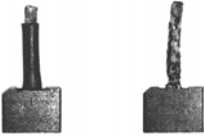
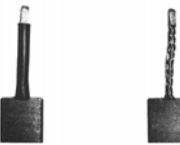
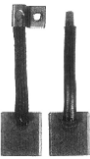
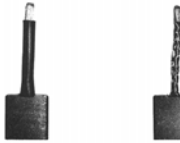
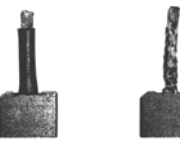
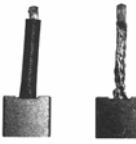


## ESCOVAS

|                                                                                                                                                                                                                 |                                                                                                                                                                                                       |                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RX-457/458 DELCO</b><br>MÁQUINAS ( 28MT )<br>OEM: 10456457 /...<br>7,9 x 24,8 x 19,5<br><br>12V                           |                                                                                                                                                                                                       |                                                                                                                                                                                                                                                    |
| <b>USX-44/21 DUCELLIER</b><br><b>USX-64/65 (75244) DUCELLIER</b><br>VÁRIOS<br>OEM: 75217 /...<br>8 x 15 x 15<br><br>6V       | <b>USX-50/51 (4) DUCEL.</b><br>VÁRIOS<br>OEM: 618509 /...<br>8,8 x 19,05 x 13<br><br>6/12V                         | <b>USX-60/59 DUCELLIER</b><br><b>USX-67/68 (79353) DUCELLIER</b><br><b>USX-73/85 (618491) DUCELLIER</b><br>VÁRIOS<br>OEM: 618491 /...<br>8 x 15 x 15<br><br>12V |
| <b>USX-74/75 DUCELLIER</b><br><b>USX-76/77/78 (618539) DUCELLIER</b><br>VÁRIOS<br>OEM: 23283 /...<br>8 x 15 x 15<br><br>12V | <b>USX-91/92 DUCELLIER</b><br>VÁRIOS<br>OEM: 6186912 /...<br>6/11,2 x 13 x 15<br><br>12V                          | <b>USX-93/94 DUCELLIER</b><br>VÁRIOS<br>OEM: 583241 /...<br>5,5/8,2 x 13,1 x 15/18,5<br><br>12V                                                                |
|                                                                                                                                                                                                                 | <b>FX-75 FORD</b><br>FORD TRANSIT<br>OEM: 97BB-11000-BB /...<br>8,22 x 18,80 x 17,70<br><b>140955</b><br><br>12V |                                                                                                                                                                                                                                                    |

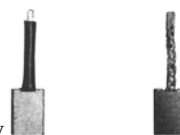
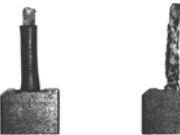
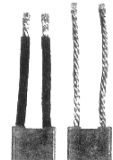
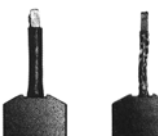


## ESCOVAS

|                                                                                                                                                                                                                      |                                                                                                                                                                                                                      |                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FH-115 HINO</b><br>HINO ED - EK - EF<br>OEM: 28142-1160 /...<br>11 x 32 x 22<br>                                                 | <b>FH-121 HINO</b><br>HINO TC - KF - ZM<br>OEM: 28142-1050 /...<br>10 x 35 x 22<br>                                                 | <b>FH-122 HINO</b><br>HINO ZL - KR - 420<br>OEM: 2814C-46013 /...<br>8 x 20 x 22<br>                                                             |
| <b>FI-053/FI-054/55 HITACHI</b><br>BEDFORD - ISUZU SETA NPR NKR<br>OEM: 2130-1311/7312 /...<br>7 x 19 x 16<br>GEBE = JASX-74/75<br> | <b>FI-126 /FJ-164 HITACHI</b><br>BEDFORD - ISUZU SFR SBR<br>OEM: 2250-1322 /...<br>9 x 20 x 26<br>GEBE = JASX-31<br>                | <b>FI-130/131 HITACHI</b><br>BEDFORD - ISUZU TLD<br>OEM: 2130-2312/3311/4311/2 /...<br>9 x 19,5 x 20<br>GEBE = JASX-92/93<br>                    |
| <b>FI-179/180 HITACHI</b><br>BEDFORD - ISUZU FTR<br>OEM: 5.81160-310/7320 /...<br>9 x 19 x 20<br>                                  | <b>FI-185/186 HITACHI</b><br>BEDFORD - ISUZU TLD - TRACTOR<br>OEM: 2130-8312/2311 /...<br>9 x 19,5 x 19,5<br>GEBE = JASX-94/95<br> | <b>FI-200/201 HITACHI</b><br>BEDFORD - ISUZU - TRACTOR<br>OEM: 2130-8312/2311 /...<br>7 x 19 x 16<br>GEBE = JASX-74/75<br>                      |
| <b>FN-003/004 HITACHI</b><br>NISSAN VÁRIOS<br>OEM: 2130-6312/9311 /...<br>8 x 19 x 18<br>GEBE = JASX-34/30<br>                    | <b>FN-042 HITACHI</b><br>NISSAN D21<br>OEM: 2130-23112 /...<br>7 x 19 x 16<br>GEBE = JASX-74<br>                                  | <b>25 FN-057/058 HITACHI</b><br>OPEL ASTRA - CORSA 1.7 D<br>OEM: 2114-43125/63125 /...<br>4,5 x 13,5 x 17<br><b>41 0.1964.1   49 HISX-</b><br> |

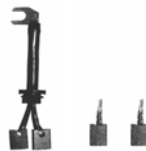
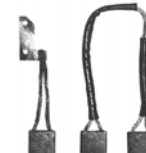


## ESCOVAS

|                                                                                                                                                                                                    |                                                                                                                                                                                                                     |                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FN-115/118 HITACHI</b><br>DATSUM 2200<br>OEM: 2120-1311/1312 /...<br>8 x 14,5 x 22<br>GEBE = JASX-56-3<br>   | <b>FN-120 HITACHI</b><br>NISSAN UD<br>OEM: 2250-1322 /...<br>9 x 20 x 25<br>GEBE = JASX-31<br>                                   | <b>FN-122/123 HITACHI</b><br>NISSAN 1200<br>OEM: 2114-2313/6312 /...<br>6,8 x 16 x 16,5<br>GEBE = JASX-32/33<br>         |
| <b>FN-124/125 HITACHI</b><br>NISSAN SUNNY<br>OEM: 2114-4312/8312 /...<br>7 x 11 x 19<br>GEBE = JASX-57/58<br>   | <b>FN-138/9/FN-197/8 HIT</b><br>NISSAN URBAN - CABALL - TLD<br>OEM: 2120-7312/9311 /...<br>8 x 14,5 x 22<br>GEBE = JASX-56-3<br> | <b>FN-140/005 HITACHI</b><br>NISSAN PICKUP 720<br>OEM: 2114-59003/83121/93121<br>7 x 11 x 16<br>GEBE = JASX-64/65/67<br> |
| <b>FN-140/141 HITACHI</b><br>NISSAN VÁRIOS<br>OEM: 2114-3312/8313 /...<br>7 x 11 x 16<br>GEBE = JASX-66/67<br> | <b>FN-167/8/FN-195/6 HIT</b><br>NISSAN CABALL - CABSTAR<br>OEM: 2130-2312/4311 /...<br>9 x 19,5 x 22,5<br>GEBE = JASX-92/93<br> | <b>FN-173/4/FN-175/6 HIT</b><br>NISSAN CEDRIC<br>OEM: 2130-1311/7312 /...<br>7 x 19 x 16<br>GEBE = JASX-74/75<br>       |
| <b>FN-187/188 HITACHI</b><br>NISSAN UD<br>OEM: 23331-99002/3 /...<br>10 x 25 x 22<br>                         | <b>FN-189/190 HITACHI</b><br>OPEL CORSA A 1.5 D<br>OEM: 2114-59002/69002 /...<br>7 x 14 x 16<br>GEBE = JASX-80/81<br>          | <b>FN-199/200 HITACHI</b><br>NISSAN BLUEBIRD<br>OEM: 2130-5312/8311 /...<br>8 x 25 x 18<br>GEBE = JASX-36/37<br>       |



## ESCOVAS

|                                                                                                                                                                                                   |                                                                                                                                                                                                                        |                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HISX-8125 HITACHI</b><br>NISSAN<br>OEM: 2114-63121/83122 /...<br>7 x 11 x 16<br>GEBE = JASX-50/51<br><br>12V  | <b>HISX-8128 HITACHI</b><br>OPEL ASTRA – CORSA 1.7 D<br>OEM: 2114-43125/63125 /...<br>4,5 x 13,5 x 17<br>FUJI = FN-057/058<br><br>12V | <b>HISX-8131 HITACHI</b><br>NISSAN<br>OEM: 2114-73123/83123 /...<br>4,5 x 11 x 16<br>GEBE = JASX-59/60<br><br>12V  |
| <b>LASX-2/3 LUCAS</b><br>VÁRIOS ( M45G )<br>OEM: 225659 / TAB-127 /...<br>8,8 x 19,05 x 13,5<br><br>12V          | <b>LASX-5/6 LUCAS</b><br>VÁRIOS ( M35G )<br>OEM: 251108 / TAB-128 /...<br>6,35 x 15,9 x 14,2<br><br>12V                               | <b>LASX-15/16 LUCAS</b><br>VÁRIOS ( M45G )<br>OEM: 271735 / TAB-125 /...<br>7,9 x 19,05 x 22,2<br><br>12V          |
| <b>LASX-15/27 LUCAS</b><br>VÁRIOS ( M45G )<br>OEM: 271735-1 /...<br>7,9 x 19,05 x 22,2<br><br>12V               | <b>LASX-17/23 LUCAS</b><br>VÁRIOS ( M35 )<br>OEM: 251108 /...<br>6,35 x 15,9 x 14,2<br><br>12V                                       | <b>LASX-36 LUCAS</b><br>VÁRIOS ( M50 )<br>OEM: 54259517 /...<br>9 x 20 x 24,5<br><br>12V                          |
| <b>LASX-40/41 LUCAS</b><br>VÁRIOS ( M35J )<br>OEM: 60600056 / TAB-117 /...<br>9,5/3,5 x 11,6 x 15,9<br><br>12V | <b>LASX-42 LUCAS</b><br>VÁRIOS ( M50 )<br>OEM: 54244979 /...<br>9 x 20 x 24,5<br><br>12V                                            | <b>LASX-43/44/0 LUCAS</b><br>VÁRIOS ( M100 )<br>OEM: 54246258 / TAB-124/...<br>10,3/4,7 x 13,3 x 17,5<br><br>12V |

2005 / 2006

CATÁLOGO B

PAG. 45

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12 - AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## ESCOVAS

|                                                                                                                                                                                                           |                                                                                                                                                                                                                      |                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LASX-81/82 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600944 / TAB-135<br>6,8 x 13,8 x 9,4<br>GEBE = 016071<br><br>12V      | <b>LASX-83/84 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600936 / TAB-133<br>6,8 x 13,8 x 9,4<br>GEBE = 016101<br><br>12V                 | <b>LASX-85/84 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600946 / TAB-134/...<br>6,8 x 13,8 x 9,4<br>GEBE = 016111<br><br>12V |
| <b>LASX-86/79/80 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600953 / TAB-136/...<br>7 x 13,7 x 12<br>GEBE = 016231<br><br>12V  | <b>LASX-87/77/78 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600911 / TAB-131/...<br>7 x 13,7 x 12<br>GEBE = 016241<br><br>12V             | <b>LASX-88/77/78 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600961 / TAB-137/...<br>7 x 13,7 x 12<br>GEBE = 016251<br><br>12V |
| <b>LASX-90/91 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600919 / TAB-138/...<br>6,8 x 19,8 x 9,4<br>GEBE = 016261<br><br>12V | <b>LASX-92/93 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600920 / TAB-132/...<br>6,8 x 19,8 x 9,4<br>41 016271   101 SBR-5936<br><br>12V |                                                                                                                                                                                                          |
| <b>JSX-4 MARELLI</b><br>FIAT VÁRIOS ( EB90 )<br>OEM: 4753501 /...<br>8 x 16 x 20<br><br>12V                          | <b>JSX-5 MARELLI</b><br>FIAT VÁRIOS ( E76 )<br>OEM: 74868171 /...<br>6 x 16 x 17<br><br>12V                                     | <b>JSX-9 MARELLI</b><br>FIAT VÁRIOS ( E115 )<br>OEM: 74702610 /...<br>6,5 x 14 x 20<br><br>24V                      |

2005 / 2006

CATÁLOGO B

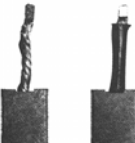
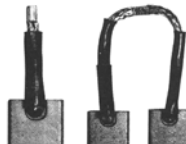
PAG. 46

SEDE: R. ERNESTO GONÇALVES, 290 - EN 1. SEIXEZELO - AP 76 - 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12 - AP 30325. 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



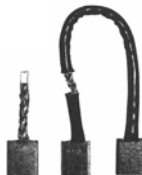
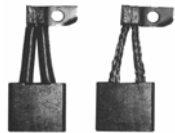
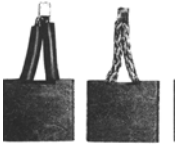
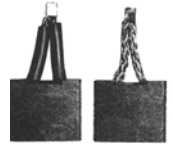
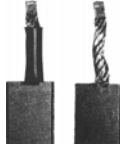
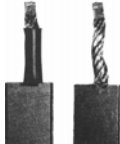


## ESCOVAS

|                                                                                                                                                                                                |                                                                                                                                                                                         |                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>JSX-13 (4) MARELLI</b><br>FIAT VÁRIOS ( E100 )<br>OEM: 74866041 /...<br>7 x 16 x 20<br><br>12V             | <b>JSX-15 MARELLI</b><br>FIAT VÁRIOS ( M130 )<br>OEM: 74734101 /...<br>11,5 x 35 x 30<br><br>24V       | <b>JSX-16 MARELLI</b><br>FIAT VÁRIOS ( E84 )<br>OEM: 74861781 /...<br>8 x 17 x 19<br><br>12V           |
| <b>JSX-18 MARELLI</b><br>FIAT VÁRIOS ( M125 )<br>OEM: 74838701 /...<br>10 x 22 x 28<br><br>24V                | <b>JSX-19 MARELLI</b><br>FIAT VÁRIOS ( M125 )<br>OEM: 74846001 /...<br>10 x 22 x 28<br><br>12V         | <b>JSX-21/22 MARELLI</b><br>FIAT VÁRIOS ( E95 )<br>OEM: 74881151 /...<br>6 x 13 x 17,5<br><br>12V      |
| <b>JSX-23/24/28 MARELLI</b><br>FIAT VÁRIOS ( E100 )<br>OEM: 74887901/11/260 /...<br>7 x 15,5 x 20<br><br>12V | <b>JSX-25/22 (4) MARELLI</b><br>FIAT VÁRIOS ( E95 )<br>OEM: 74888401 /...<br>6 x 13 x 17,5<br><br>12V | <b>JSX-26/27 MARELLI</b><br>FIAT VÁRIOS ( E95 )<br>OEM: 74891071/80 /...<br>6 x 13 x 17,5<br><br>12V  |
| <b>JSX-29/30 MARELLI</b><br>FIAT VÁRIOS ( E95 )<br>OEM: 74893801/811 /...<br>6 x 13 x 17,5<br><br>12V       | <b>JSX-31/32 MARELLI</b><br>FIAT VÁRIOS ( E95R )<br>OEM: 7489438 /...<br>19 x 8 x 18<br><br>12V      | <b>JSX-33/34 MARELLI</b><br>FIAT VÁRIOS ( E70 )<br>OEM: 83220401/11 /...<br>6 x 15 x 16,7<br><br>12V |

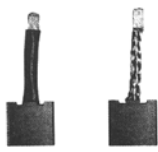
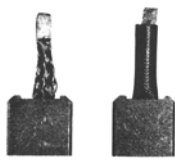
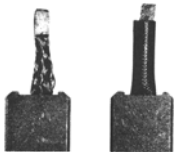


## ESCOVAS

|                                                                                                                                                                                              |                                                                                                                                                                                           |                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>JSX-35/36 MARELLI</b><br>FIAT VÁRIOS ( E80 )<br>OEM: 83222191/201 /...<br>7 x 13 x 17,5<br><br>12V     | <b>JSX-35/36 MARELLI</b><br>FIAT VÁRIOS ( E80 )<br>OEM: 83222191/201 /...<br>7 x 13 x 17,5<br><br>12V  | <b>MASX-13/14 MARELLI</b><br>FIAT VÁRIOS ( MT-67 )<br>OEM: 72363201/2 /...<br>8 x 25 x 23<br><br>24V       |
| <b>MASX-15/16 MARELLI</b><br>FIAT VÁRIOS ( MT-68 )<br>OEM: 72363203/4/5/6 /...<br>10 x 25 x 23<br><br>12V | <b>MASX-17/18 MARELLI</b><br>FIAT VÁRIOS ( MT-71 )<br>OEM: 72383701/2 /...<br>9 x 16 x 23<br><br>12V   | <b>MASX-19/20 MARELLI</b><br>FIAT VÁRIOS ( MT-72AB )<br>OEM: 72383703/4/5/6 /...<br>9 x 16 x 23<br><br>24V |
| <b>MASX-21/22 MARELLI</b><br>FIAT VÁRIOS ( MT-67 )<br>OEM: 72162401/2 /...<br>8 x 25 x 23<br><br>24V     | <b>MASX-23/24 MARELLI</b><br>FIAT VÁRIOS ( MT-68 )<br>OEM: 72162403/4 /...<br>10 x 25 x 23<br><br>12V | <b>MASX-25/26 MARELLI</b><br>FIAT VÁRIOS ( MT-71 )<br>OEM: 72161301/2 /...<br>9 x 16 x 23<br><br>12V      |
| <b>MASX-27/28 MARELLI</b><br>FIAT VÁRIOS ( MT-72 AB )<br>OEM: 72161303/4 /...<br>9 x 16 x 23<br><br>24V |                                                                                                                                                                                           |                                                                                                                                                                                               |

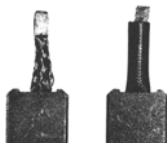
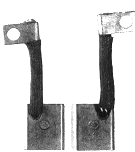


## ESCOVAS

|                                                                                                                                                                                                                |                                                                                                                                                                                                                 |                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PLSX-3 MAG.-PAL</b><br>OEM: 110.904300 /...<br>8 x 12 x 22<br><br>12V                                                      | <b>PLSX-4 MAG.-PAL</b><br>OEM: 93-22-32 /...<br>8,8 x 26,6 x 26<br><br>12V                                                     | <b>PLSX-5 MAG.-PAL</b><br>OEM: 443.115.141.130 /...<br>6 x 12,5 x 12,5<br><br>12V                                                  |
| <b>FJ-002 MITSUBISCHI</b><br>MITS. CANTER FV-438<br>OEM: M649T-02171/2 / ME70047<br>8 x 24 x 18<br>GEBE = JASX-71<br><br>12V | <b>FJ-165/166/FM-123/145 MITS.</b><br>MITS. CANTER T-200/210<br>OEM: M648C-20371 / MM502135<br>6,5 x 19 x 19<br><br>12V       | <b>FJ-168/169 MITS.</b><br>MITS. FUSO 6 - D-10/11<br>OEM: ME700226<br>8 x 25 x 20<br><br>12V                                      |
| <b>FJ-174/175 MITS.</b><br>NISSAN 8 DC - 10 DC - 12 DC<br>OEM: M648C-20371 / MM502135<br>9 x 30 x 23<br><br>12V             | <b>FJ-177 MITSUBISCHI</b><br>MITS. CANTER FE-110/111/214<br>OEM: M648C-25271/3 /<br>8 x 20 x 17<br>GEBE = JASX-38<br><br>24V | <b>FJ-190/FM-160 MITS.</b><br>MITS. PAJERO 2.5 D<br>OEM: M649T-05071 / ME700127<br>6,8 x 18 x 18<br>GEBE = JASX-98/99<br><br>12V |



## ESCOVAS

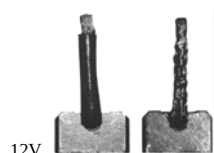
|                                                                                                                                                                                                                    |                                                                                                                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FJ-191/FM-121 MITS.</b><br>NISSAN<br>OEM: M649T-04471 /...<br>7 x 12 x 17<br>GEBE = JASX-70(4)<br><br>12V                    | <b>FJ-192/FN-031 MITS.</b><br>MITS. CANTER FE-110-214<br>OEM: M649T-05072 / ME700140<br>6,8 x 18 x 18<br>GEBE = JASX-96/97<br><br>24V | <b>FJ-196 MITSUBISCHI</b><br>NISSAN UD-5/6<br>OEM: 2660-006-0<br>8 x 25 x 25<br><br>12V                             |
| <b>FN-039/040 MITS.</b><br>NISSAN<br>OEM: M648C-14970/23380M8310<br>6,8 x 10 x 17<br>GEBE = JASX-82/83(4)<br><br>12V            | <b>FN-126/127 MITS.</b><br>MAZDA - MITS. - NISSAN<br>OEM: M648C-10171<br>6,8 x 16,5 x 14<br>GEBE = JASX-29<br><br>12V                 | <b>FJSX-8311 MITS.</b><br>MAZDA - MITS.<br>OEM: M647C-00371 /...<br>4,5 x 18 x 17,5<br>GEBE = JASX-42/43<br><br>12V |
| <b>FJSX-8312 MITS.</b><br>MAZDA - MITS. - NISSAN<br>OEM: M647C-00271/2 /...<br>4,5 x 12 x 17,5<br>GEBE = JASX-40/41<br><br>12V |                                                                                                                                                                                                                          |                                                                                                                                                                                                        |
| <b>FE-111/112 NIKKO</b><br>KOMATSU D 55A - 60 - 65<br>OEM: 1-21740-0450/460<br>10 x 20 x 23,5<br>8 ESCOVAS<br><br>24V.        | <b>FE-115 NIKKO</b><br>KOMATSU 4 D - 120 - 130<br>OEM: 1-21740-0440<br>9 x 20 x 23<br>GEBE = JASX-14<br><br>24V.                    | <b>140518 NIKKO</b><br>KOMATSU<br>OEM: 1-21740-0170<br>7 x 18,5 x 20<br><br>24V.                                  |



## ESCOVAS

**FI-039/FI-061/FI-191 NIP**

ISUZU KBD-26 - NKR  
OEM: 5-8118-040 /...  
8 x 25 x 15  
GEBE = JASX-77/78



12V

**FT-102/4/FT-121/FM-102**

MAZDA - TOYOTA COROLLA  
OEM: 28142-10011/21010 /...  
7 x 12 x 19  
GEBE = JASX-22



12V

**FT-111 NIPODENSO**

TOYOTA EMPILHADOR  
OEM: 28142-77040 /...  
9 x 30 x 25  
GEBE = JASX-35



12V

**FT-118/119 NIPOD.**

TOYOTA DYNA  
OEM: 28142-46013 /...  
8 x 20 x 22



24V

**FT-127 NIPODENSO**

HONDA - ROVER  
OEM: 28140-34030 /...  
7 x 16 x 14  
GEBE = JASX-84



12V

**FT-128 NIPODENSO**

TOYOTA DYNA - HAICE  
OEM: 28140-77090 /...  
8 x 25 x 21  
GEBE = JASX-88



12V

**FT-130 NIPODENSO**

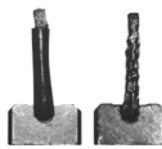
TOYOTA HAICE - HAILUX  
OEM: 28140-15010 /...  
6,5 x 10 x 16  
GEBE = JASX-85



12V

**FT-133 NIPODENSO**

TOYOTA HAICE - HAILUX  
OEM: 28140-54070 /...  
8 x 25 x 15  
GEBE = JASX-77/78



12V

**FT-140 NIPODENSO**

OEM: 028530-1090/1100 /...  
10 x 30 x 20  
52 140963



24V

**FT-143 NIPODENSO**

MAZDA - SUZUKI  
OEM: 028099-5450 /...  
6,8 x 8 x 10  
GEBE = JASX-39C



12V

**140740 NIPODENSO**

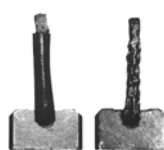
OEM: 028099-6180 /...  
6,5 x 12,9 x 14,2  
FT-140



12V

**140961 NIPODENSO**

TOYOTA HAICE - HAILUX  
OEM: 28140-54380 /...  
7 x 25 x 16



12V



## ESCOVAS

**PSX-35/36 P.R./VALEO**

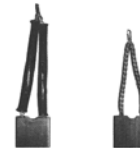
VÁRIOS ( D10E )  
OEM: 72612 D /...  
7 x 18 x 14



12/24V

**PSX-64/70(4) P.R./VAL.**

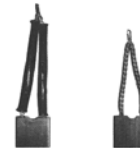
VÁRIOS ( D10E-D11E )  
OEM: 75452 X /...  
7 x 18 x 17



12V

**PSX-64/95 P.R./VALEO**

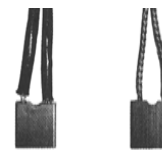
VÁRIOS ( D10E )  
OEM: 75452 X /...  
7 x 18 x 17



12V

**PSX-77/78 P.R./VALEO**

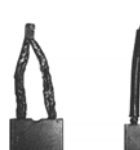
VÁRIOS ( D11 )  
OEM: 72632 H /...  
7 x 8 x 14



12/24V

**PSX-81/82(4) P.R./VAL.**

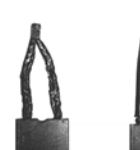
VÁRIOS ( D11E )  
OEM: 72631 G /...  
10 x 25 x 17



12V

**PSX-83/84 P.R./VALEO**

VÁRIOS ( D11 )  
OEM: 72630 F /...  
10 x 25 x 17



24V

**PSX-88 P.R./VALEO**

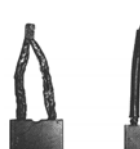
VÁRIOS ( D15E )  
OEM: 72612 E /...  
12 x 18 x 20



24V

**PSX-96/97 P.R./VALEO**

VÁRIOS ( D11E )  
OEM: 72631/300679 /...  
10 x 25 x 17



12V

**PSX-98/99 P.R./VALEO**

VÁRIOS ( D11E )  
OEM: 75707 P /...  
10 x 18 x 14



12V

**PSX-106/107 P.R./VAL.**

VÁRIOS ( D8E )  
OEM: 78166 L /...  
7 x 15 x 14



12V

**PSX-112 P.R./VALEO**

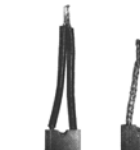
VÁRIOS ( D13E )  
OEM: 78900 U /...  
10 x 18 x 17



24V

**PSX-115/116 P.R./VAL.**

VÁRIOS ( D8E-D9E-D10E )  
OEM: 92655 V /...  
7 x 18 x 14

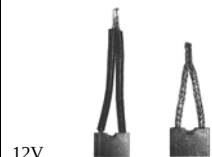


12V



## ESCOVAS

**PSX-119/120 P.R./VAL.**  
VÁRIOS ( D8E )  
OEM: 92656 /...  
7 x 15 x 14



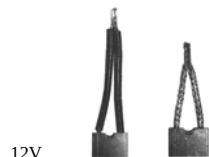
12V

**PSX-122/3/4 P.R./VAL.**  
VÁRIOS ( D8E )  
OEM: 92765 V /...  
9,7/4,2 x 12,4 x 15



12V

**PSX-127 P.R./VALEO**  
VÁRIOS ( D10E )  
OEM: 92824 /...  
7 x 15 x 14



12V

**PSX-128 P.R./VALEO**  
VÁRIOS ( D10E )  
OEM: 92862/300701 /...  
7 x 18 x 17



12V

**PSX-129 P.R./VALEO**  
VÁRIOS ( D9E )  
OEM: 92878 /...  
10,6/6,1 x 10,3 x 15



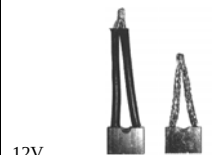
12V

**PSX-130 P.R./VALEO**  
VÁRIOS ( D9E )  
OEM: 182068 /...  
10,6/6,1 x 10,3 x 15



12V

**PSX-132 P.R./VALEO**  
VÁRIOS ( D11E )  
OEM: 92925 /...  
10 x 18 x 14



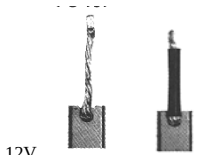
12V

**PSX-133 P.R./VALEO**  
VÁRIOS ( D9E )  
OEM: 300703 /...  
13,9/6,9 x 12 x 15



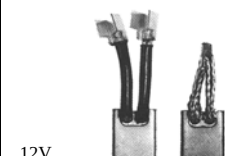
12V

**PSX-136/137 P.R./VAL.**  
VÁRIOS ( D10E )  
OEM: 300841 /...  
7 x 15 x 18,5



12V

**PSX-138/139 P.R./VAL.**  
VÁRIOS ( D9R )  
OEM: 182054 /...  
9 x 18 x 22



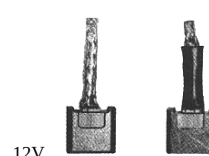
12V

**PSX-140/141 P.R./VAL.**  
VÁRIOS ( D9R )  
OEM: 182051 /...  
9 x 18 x 22



12V

**PSX-142/143/K P.R./VAL**  
VÁRIOS ( D7R )  
OEM: 185658/594061 /...  
7 x 14 x 13,7



12V

2005 / 2006

CATÁLOGO B

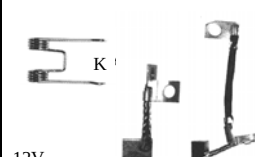
PAG. 53

SEDE: R.ERNESTO GONÇALVES,290 . EN 1. SEIXEZELO . AP 76 . 4416-901 PEDROSO . TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: Rª DE PEDROUÇOS, 27 - LOJA-12 . AP 30325 . 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## ESCOVAS

**PSX-144/145/K P.R./VAL**  
VÁRIOS ( D6RA )  
OEM: 185658/594063 /...  
4,5/9 x 11 x 18



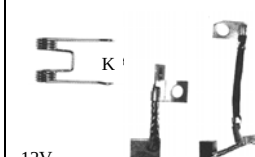
12V

**PSX-146/147/K P.R./VAL**  
VÁRIOS ( D6RA8/10 )  
OEM: 594064 /...  
4,5/9 x 11 x 14



12V

**PSX-148/149/K P.R./VAL**  
VÁRIOS ( D6RA5/6/12 )  
OEM: 594061 /...  
4,5/9 x 11 x 18



12V

**PSX-152/153 VALEO**  
MÁQUINAS - D13H / D13E  
OEM: 182037 /...  
10 x 18 x 17



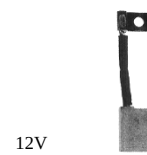
24V

**PSX-155 P.R./VALEO**  
VÁRIOS ( D7E )  
OEM: 187626 /...  
6,4 x 8 x 11



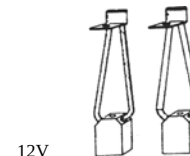
12V

**RTV-4 ROMENO**  
TRACTOR ROMENO  
OEM:  
9 x 20 x 22,5



12V

**MOSX-5/6 URSS**  
TRACTOR BELAROS  
OEM:  
11 x 16 x 22



12V

**FY-111/112 YANAMAR**  
TRACTOR YANAMAR 1500-1700-200  
OEM: X-211453-1200/1300  
7 x 11 x 16



12V

2005 / 2006

CATÁLOGO B

PAG. 54

SEDE: R.ERNESTO GONÇALVES,290 . EN 1. SEIXEZELO . AP 76 . 4416-901 PEDROSO . TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: Rª DE PEDROUÇOS, 27 - LOJA-12 . AP 30325 . 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## FORQUILHAS

|                                                                                                                                                                                                            |                                                                                                                                                                                                       |                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>131138 BOSCH</b><br>VÁRIOS<br>OEM: 2001.933.175 /...<br>M.A. : 0001.358/9/360/2 ...                                    | <b>132808 BOSCH</b><br>VÁRIOS<br>OEM: 1001.933.106 /...<br>M.A. : 0001.108/110/1/2/3/4 ...<br><b>101 EC-4550</b>     | <b>13577 BOSCH</b><br>VÁRIOS<br>OEM: 1001.933.101/105 /...<br>M.A. : 0001.208/218 ...<br><b>101 EC-4147</b>  |
| <b>137617 BOSCH</b><br>TRACTORES<br>OEM: 2001.933.149/175 /...<br>M.A. : 0001.359. ...<br>GEBE = 3.7148.0                 | <b>139556 BOSCH</b><br>TRACTORES<br>OEM: 2001.933.145 /...<br>M.A. : 0001.358.017/020 ...<br>GM = 3402               |                                                                                                                                                                                               |
| <b>130530 DELCO</b><br>MÁQUINAS<br>OEM: 1945484 /...<br>M.A. : 40 MT – 50 MT<br>GAP = GP-1066                            | <b>130844 DELCO</b><br>GM – OPEL VÁRIOS<br>OEM: 3471542 / DR-19901 /...<br>M.A. : 34711...<br><b>101 EC-3513</b>    | <b>131353 DELCO</b><br>MÁQUINAS<br>OEM: 1989498 /...<br>M.A. : 42 MT<br>GAP = GP-3687                       |
| <b>132632 DUCELLIER</b><br>CINTROEN – PEUGEOT – RENAULT<br>OEM: 583357 /...<br>M.A. : 6155/... /53200/...<br>GM = 3424  | <b>132633 DUCELLIER</b><br>CINTROEN – PEUGEOT – RENAULT<br>OEM: 583363 /...<br>M.A. : 532002/3/4/...<br>GM = 3425  | <b>136636 FORD</b><br>FORD TRANSIT 99 /...<br>OEM:<br>M.A. : 98VB-11000-AA /...                            |



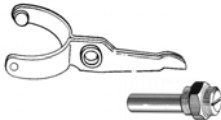
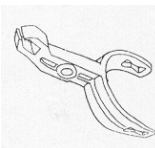
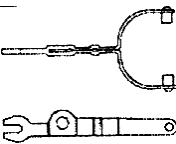
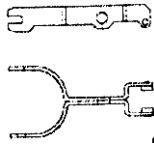
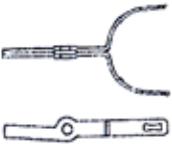
## FORQUILHAS

|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2114-26015 HITACHI</b><br>OPEL ASTRA 1.5 D – CORSA 1.5 D<br>OEM: 2114-26015 /...<br>M.A. : S114-480/850 /...<br><b>52 137533   96 P-2115</b>  | <b>2114-56012 HITACHI</b><br>OPEL ASTRA 1.7 D – CORSA 1.7 D<br>OEM: 2114-56012 /...<br>M.A. : S114-481 /...<br>CARGO = 134745<br>UNIP = LE-6023  | <b>2114-76015 HITACHI</b><br>NISSAN ALMERA<br>OEM: 2114-76015 /...<br>M.A. : S114-800/805<br>CARGO = 137938<br>UNIP = LE-3301      |
| <b>2120-1605 HITACHI</b><br>ISUZU TLD – NISSAN CABALL<br>OEM: 2114-1605 /...<br>M.A. : S12-19/63<br>CARGO = 135833                               | <b>2130-1914 HITACHI</b><br>NISSAN PICK-UP D-21<br>OEM: 2130-1914 /...<br>M.A. : S13-107/11/2/4/7 / S14-03<br>CARGO = 135722                     | <b>2130-2605 HITACHI</b><br>NISSAN KBD-26 – PICK-UP<br>OEM: 2130-2605 /...<br>M.A. : S12-48/... / S25-106/...<br>CARGO = 138152    |
| <b>2130-7605 HITACHI</b><br>NISSAN PICK-UP SD-25<br>OEM: 2130-7605 /...<br>M.A. : S13-89/92/104 /S114-257<br>CARGO = 135836                     | <b>2240-1650 HITACHI</b><br>NISSAN CABSTAR<br>OEM: 2130-7605 /...<br>M.A. : S24-01                                                              | <b>2240-2650 HITACHI</b><br>BEDF. NKR – NISSAN CABSTAR<br>OEM: 2240-2650 /...<br>M.A. : S24-03/7/12/13/17 /...<br>CARGO = 231287  |
| <b>2250-1615 HITACHI</b><br>NISSAN CABSTAR<br>OEM: 2250-1615 /...<br>M.A. :                                                                    | <b>LE-3308 HITACHI</b><br>OPEL CORSA C<br>OEM: /...<br>M.A. : S114-829<br>52 233376                                                            | <b>131777 LUCAS</b><br>FORD VÁRIOS<br>OEM: 54245342 /...<br>M.A. : M-35J /...<br>GAP = GP-508                                    |



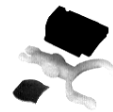


## FORQUILHAS

|                                                                                                                                                                                                                   |                                                                                                                                                                                                       |                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>133894 LUCAS</b><br>FORD VÁRIOS<br>OEM: 54243847 /...<br>M.A. : M-50/...<br>GAP = GP-3670<br>                                 | <b>134444/446 LUCAS</b><br>FORD TRANSIT<br>OEM: 60600861 /...<br>M.A. : M-127 /...<br><b>101 EC-3264</b><br>         | <b>134445 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600649 /...<br>M.A. : M-50/...<br><b>101 EC-3260</b><br>        |
| <b>131784 MARELLI</b><br>FIAT 131-132 - LANCIA - V.W.<br>OEM: 74881280 /...<br>M.A. : ( E95 ) 63221300 /...<br>GAP = GP-3602<br> | <b>132121 MARELLI</b><br>FIAT 124-125-131-132<br>OEM: 74866710 /...<br>M.A. : ( E100 ) 4076548 /...<br>GM = 3419<br> | <b>132202 MARELLI</b><br>FIAT 500 - OM<br>OEM: 74865401 /...<br>M.A. : ( E84 ) 4287971 /...<br>GM = 3423<br> |
| <b>231133 MARELLI</b><br>FIAT 650 - 80NC - 90NC<br>OEM: 74861460 /...<br>M.A. : ( E84 ) 63224170 /...<br>GM = 3421<br>          | <b>3409 MARELLI</b><br>FIAT 1400D - 615N - OM<br>OEM: 74703901 /...<br>M.A. : 63223800 /...<br>                     | <b>3418 MARELLI</b><br>FIAT 124 - 238 - 241<br>OEM: 74860531 /...<br>M.A. : 63220800 /...<br>               |
| <b>3420 MARELLI</b><br>FIAT 124 - 125 - 130 - 131 - 1600<br>OEM: 74828801 /...<br>M.A. : 63206002 /...<br>                     |                                                                                                                                                                                                       |                                                                                                                                                                                               |

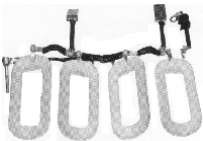
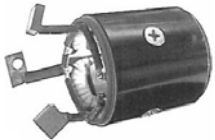


## FORQUILHAS

|                                                                                                                                                                                                                           |                                                                                                                                                                                                              |                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>M863C-04871 MITSUB.</b><br>MITS. CANTER FE-110/211/444<br>OEM: M863C-04871/06271/2<br>M.A. : M2T-67881/2 /...<br>CARGO = 136416<br> | <b>M863C-05672 MITSUB.</b><br>VÁRIOS<br>OEM: M863C-05672/ME700234<br>M.A. : M2T-69081 /...<br>CARGO = 231782<br>          | <b>M863C-06171 MITSUB.</b><br>MITS. CANTER<br>OEM: M863C-05571/06171<br>M.A. : M2T-56182 /...<br>CARGO = 135573<br> |
| <b>M863X-09671 MITSUB.</b><br>MITS. CANTER FE-507<br>OEM: M863X-09671 / ME701488<br>M.A. : M8T-80071 /...<br>CARGO = 139823<br>        | <b>M863X-12371 MITSUB.</b><br>MITS. CANTER FB-501<br>OEM: M863X-12371 /...<br>M.A. : M8T-70071 /...<br>CARGO = 231265<br> |                                                                                                                                                                                                        |
| <b>132029 P.R./VALEO</b><br>VÁRIOS<br>OEM: 182048 /...<br>M.A. : D9R /...<br>GAP = GP-3745<br>                                        | <b>133663 P.R./VALEO</b><br>VÁRIOS<br>OEM: 182109 /...<br>M.A. : D11E /...<br>GAP = GP-3744<br>                          | <b>134105 P.R./VALEO</b><br>VÁRIOS<br>OEM: /...<br>M.A. : D6RA /...<br>GAP = GP-37012<br>                          |
| <b>135515 P.R./VALEO</b><br>VÁRIOS<br>OEM: 185170 /...<br>M.A. : D9R /...<br><b>101 EC-47145</b><br>                                 | <b>136620 P.R./VALEO</b><br>VÁRIOS<br>OEM: 182058 /...<br>M.A. : D9E /...<br>GAP = GP-3743<br>                          | <b>231148 P.R./VALEO</b><br>VÁRIOS<br>OEM: 594298 /...<br>M.A. : D7E /...<br>                                     |

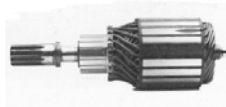
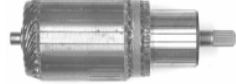


## JOGO DE INDUTORAS

|                                                                                                                                                                                                       |                                                                                                                                                                                     |                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CM-152 BOSCH</b><br>SCANIA 112 – VOLVO F-12<br>OEM: 2004.125.075 /...<br>M.A. : 0001.417. /...<br><br>24V         | <b>CM-156 BOSCH</b><br>AUDI – V.W.<br>OEM: 1004.112.906 /...<br>M.A. : 0001.218. /...<br><br>12V   | <b>CM-157 BOSCH</b><br>MAN – SCANIA – VOLVO<br>OEM: 2004.115.013 /...<br>M.A. : 0001.416. /...<br><br>24V |
| <b>134111 BUTEC</b><br>MÁQUINAS<br>OEM: 850201 /...<br>M.A. : MS1A /...<br>GAP = GP-845<br><br>12V                   | <b>CM-283 CAV</b><br>MÁQUINAS<br>OEM: 6211289A /...<br>M.A. : CA-45D-12/...<br><br>12V             | <b>CM-420 DELCO</b><br>MÁQUINAS<br>OEM: 1988442 /...<br>M.A. : 42MT /...<br><br>24V                       |
| <b>CM-3006 HITACHI</b><br>OPEL ASTRA – CORSA A<br>OEM: 2114-82004 /...<br>M.A. : S114-481 /...<br><br>12V           | <b>CM-207 LUCAS</b><br>FORD VÁRIOS<br>OEM: 54244973/TEB-129 /...<br>M.A. : 262211 /...<br><br>12V | <b>CM-77 MARELLI</b><br>FIAT VÁRIOS<br>OEM: 72166001 /...<br>M.A. : MT-71AB /...<br><br>12V              |
| <b>M800T-47371 MITS.</b><br>MITSUBISHI CANTER<br>OEM: M800T-43571/47371 /...<br>M.A. : M2T-67881/2 /...<br><br>24V | <b>CM-3015 NIPODENSO</b><br>TOYOTA VÁRIOS<br>OEM: 028100-3001 /...<br>M.A. : /...<br><br>12V     | <b>CM-519 P.R./VALEO</b><br>VÁRIOS<br>OEM: 10312 /...<br>M.A. : D9E /...<br><br>12V                     |

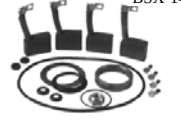


## INDUZIDO

|                                                                                                                                                                                                     |                                                                                                                                                                                                       |                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IM-122 BOSCH</b><br>IVECO – MAN – VOLVO<br>OEM: 2004.005.022 /...<br>M.A. : 0001.416. /...<br><br>24V         | <b>IM-200 BOSCH</b><br>MÁQUINAS<br>OEM: 2004.005.003 /...<br>M.A. : 0001.420. /...<br><br>24V                      | <b>IM-2100 BOSCH</b><br>AUDI – V.W.<br>OEM: 1004.012.450 /...<br>M.A. : 0001.218. /...<br><br>12V |
| <b>134108 BUTEC</b><br>MÁQUINAS<br>OEM: 850261 /...<br>M.A. : MS1A /...<br>GAP = GP-706<br><br>12V               | <b>IM-283 CAV</b><br>MÁQUINAS<br>OEM: 19621126 /...<br>M.A. : CA-45D-12 /...<br><br>12V                            | <b>IM-421 DELCO</b><br>MÁQUINAS<br>OEM: 1988435 /...<br>M.A. : 42MT /...<br><br>24V               |
| <b>IM-3006 HITACHI</b><br>OPEL ASTRA – CORSA A<br>OEM: 2114-71105 /...<br>M.A. : S114-481 /...<br><br>12V       | <b>IM-218 LUCAS</b><br>FORD VÁRIOS<br>OEM: 54243590/TJB-103 /...<br>M.A. : 26211 /...<br><br>12V                  | <b>IM-92 MARELLI</b><br>FIAT VÁRIOS<br>OEM: 72163701 /...<br>M.A. : MT-71AB /...<br><br>12V      |
| <b>IM-3040 MITSUBISCHI</b><br>MITSUBISHI CANTER<br>OEM: M106X-29371 /...<br>M.A. : M2T-67881/2 /...<br><br>24V | <b>IM-3067 NIPODENSO</b><br>TOYOTA HAILUX – HAICE<br>OEM: 028200-2140 /...<br>M.A. : 28100-54070 /...<br><br>12V | <b>IM-519 P.R./VALEO</b><br>VÁRIOS<br>OEM: 101581 /...<br>M.A. : D9E /...<br><br>12V            |



## JOGOS DE RERAÇÃO

|                                                                                                                                                                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>60.900 BOSCH</b><br>LAMBORGHINI – MERCEDES<br>OEM: ...<br>M.A. : (JD-12V) / 0001.354. /...<br>CARGO = 133312<br>                            | <b>60.936 BOSCH</b><br>FIAT IVECO<br>OEM: ...<br>M.A. : (KB-24V) / 0001.410/11 /...<br>                                  | <b>60.949 BOSCH</b><br>FIAT – MERCEDES – VOLVO<br>OEM: ...<br>M.A. : (JD-24V) / 0001.362. /...<br>CARGO = 133313<br>                   |
| <b>60.952 BOSCH</b><br>FIAT<br>OEM: ...<br>M.A. : (JD-12V) / 0001.359. /...<br>CARGO = 133314<br>                                              | <b>60.956 BOSCH</b><br>VOLVO – SCANIA<br>OEM: ...<br>M.A. : (JD-12V) / 0001.359. /...<br>                                | <b>60.957 BOSCH</b><br>FIAT<br>OEM: ...<br>M.A. : (JF-12V) / 0001.362/3. /...<br>                                                      |
| <b>60.960 BOSCH</b><br>FIAT – MERCEDES – MERCEDES<br>OEM: ...<br>M.A. : (KB-12V) / 0001.413/8 /...<br>                                        | <b>60.963 BOSCH</b><br>FIAT – MERCEDES – MERCEDES<br>OEM: ...<br>M.A. : (JF-24V) / 0001.368. /...<br>CARGO = 133318<br> | <b>9.1804.1 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: ...<br>M.A. : (FKB-24V) / 0001.416/7 /...<br>CARGO = 136252<br>            |
| <b>9.1812.1 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: 1987.01.0000<br>M.A. : (FKB-24V) / 0001.416/7 /...<br>CARGO = 136252 + 140198<br> | <b>138927 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: ...<br>M.A. : (FKB-24V) / 0001.416/7 /...<br>41 3.3397.0<br>  | <b>139292 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: ...<br>M.A. : (FKB-24V) / 0001.416/7 /...<br>41 3.3394.0   101 EC-47175<br> |



## JOGOS DE RERAÇÃO

|                                                                                                                                                                                                                             |                                                                                                                                                                                                                          |                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2.2213.0 BOSCH</b><br>OEM: ...<br>M.A. : 0001.218...<br>GM = 3460<br>                                                                 | <b>2.2238.0 BOSCH</b><br>OEM: 1007.010.079 /...<br>M.A. : 0001.124...<br>136856<br>                                                   | <b>132224 BOSCH</b><br>VÁRIOS<br>OEM: 2004.652.038 /...<br>M.A. : 0001.359/360/4/5 /...<br>ABA = 10411<br>                            |
| <b>266.01.009 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: 2003.050.075 /...<br>M.A. : (FKB) / 0001.410. /...<br>CARGO = 131443<br>    | <b>266.01.010 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: 2003.050.076 /...<br>M.A. : (BNG) / 0001.418. /...<br>CARGO = 132802<br> | <b>266.01.011 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: 2003.050.040 /...<br>M.A. : (BNG) / 0001.417. /...<br>CARGO = 132843<br> |
| <b>306.01.001 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: 2003.123.011 /...<br>M.A. : (FKB) / 0001.401/2. /...<br>CARGO = 130316<br> | <b>131448 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: 2000.283.013 /...<br>M.A. : (FKB) / 0001.416/7. /...<br>GAP = GP-37096<br>  | <b>131449 BOSCH</b><br>MERCEDES – VOLVO – SCANIA<br>OEM: 2000.212.000 /...<br>M.A. : (FKB) / 0001.410. /...<br>GAP = GP-37095<br>    |
| <b>139725 CAV</b><br>MÁQUINAS<br>OEM: 5333-190 /...<br>M.A. : CA-45-... /...<br>GAP = GP-1018<br>                                      | <b>27 GP-1011 CAV</b><br>MÁQUINAS<br>OEM: 5933A-66A /...<br>M.A. : CA-45-C-12 /...<br>                                              | <b>101 EC-3042 CAV</b><br>MÁQUINAS<br>OEM: 6211-46A /...<br>M.A. : CA-45-D-12 /...<br>Cargo = 130852<br>                            |



## JOGOS DE RERAÇÃO

|                                                                                                                                                                                                                 |                                                                                                                                                                                               |                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>101 EC-3043 CAV</b><br>MÁQUINAS<br>OEM: 6211-134 /...<br>M.A. : CA-45-D-24 /...<br>CARGO = 132609<br> 24V                   | <b>101 EC-3047 CAV</b><br>MÁQUINAS<br>OEM: 6211-203 /...<br>M.A. : CA-45- 24 /...<br>cargos = 138784<br> 24V | <b>27 GP-1011 CAV</b><br>MÁQUINAS<br>OEM: 5933A-66A /...<br>M.A. : CA-45-C-12 /...<br> 12V                             |
| <b>130519 DELCO</b><br>MÁQUINAS<br>OEM: ...<br>M.A. : 40-MT /...<br>101 EC-3505<br>                                            | <b>130529 DELCO</b><br>MÁQUINAS<br>OEM: ...<br>M.A. : 50-MT /...<br>101 = EC-3506<br>                        | <b>131500 DELCO</b><br>MÁQUINAS<br>OEM: ...<br>M.A. : 42-MT /...<br>101 EC-3536<br>                                    |
|                                                                                                                                                                                                                 |                                                                                                                                                                                               | <b>2130-1119 HITACHI</b><br>ISUZU - NISSAN<br>OEM: 2130-1119 /...<br>M.A. : S13-14 /...<br>CARGO = 133608<br>         |
| <b>2240-1900 HITACHI</b><br>BEDFORD - ISUZU NKR<br>OEM: 2240-1900 /...<br>M.A. : S13-107 / S24-08 /...<br>CARGO = 135187<br> | <b>2240-2610 HITACHI</b><br>NISSAN CABSTAR<br>OEM: 2240-2610 /...<br>M.A. : S24-01 /...<br>                | <b>2114-6215 HITACHI</b><br>NISSAN PICK-UP - CABALL<br>OEM: 2114-6215 /...<br>M.A. : ...<br>CARGO = 231297<br> M 8 x |

2005 / 2006

CATÁLOGO B

PAG. 63

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO, AP 76, 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164, 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12, AP 30325, 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## JOGOS DE RERAÇÃO

|                                                                                                                                                                                              |                                                                                                                                                                                                  |                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>130869 LUCAS</b><br>FORD VÁRIOS<br>OEM: ...<br>M.A. : M35J /...<br>GAP = GP-1025<br>                   | <b>132771 LUCAS</b><br>FORD VÁRIOS<br>OEM: ...<br>M.A. : M35G /...<br>GAP = GP-1018<br>                       | <b>131298 LUCAS</b><br>FORD VÁRIOS<br>OEM: 54244971 /...<br>M.A. : M50G /...<br>101 EC-3255<br>    |
| <b>EC-47012 LUCAS</b><br>FORD VÁRIOS<br>OEM: 60600316 /...<br>M.A. : M-127 /...<br>                       | <b>130879 LUCAS</b><br>FORD VÁRIOS<br>OEM: 54243852 /...<br>M.A. : M50G /...<br>101 EC-3257<br>               | <b>132209 LUCAS</b><br>FORD VÁRIOS<br>OEM: 542459524 /...<br>M.A. : M50G /...<br>101 EC-3258<br>   |
| <b>138840 LUCAS</b><br>FORD VÁRIOS - MINI<br>OEM: 250404 /...<br>M.A. : M35G /...<br>GAP = GP-1000<br>   | <b>130871 LUCAS</b><br>FORD VÁRIOS<br>OEM: 272022 /...<br>M.A. : M35G /...<br>GAP = GP-2923<br> 1/4" x 41 mm | <b>133893 LUCAS</b><br>FORD VÁRIOS<br>OEM: 54243847 /...<br>M.A. : M50G /...<br>GAP = GP-3742<br> |
| <b>134459 LUCAS</b><br>FORD VÁRIOS<br>OEM: 250404 /...<br>M.A. : M45/50G /...<br>GAP = GP-1028<br> 1/4" | <b>135122 LUCAS</b><br>FORD VÁRIOS<br>OEM: ...<br>M.A. : M45/50G /...<br>GAP = GP-1016<br> 3/8"             | <b>137532 LUCAS</b><br>FORD VÁRIOS<br>OEM: ...<br>M.A. : M45/50G /...<br>GAP = GP-1019<br> 1/4"  |

2005 / 2006

CATÁLOGO B

PAG. 64

SEDE: R. ERNESTO GONÇALVES, 290, EN 1, SEIXEZELO, AP 76, 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
FILIAL-PORTO: TRAV. ANTERO DE QUENTAL, 160/164, 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12, AP 30325, 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886

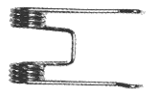


## JOGOS DE RERAÇÃO

|                                                                                                                                                                                                              |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>138138 LUCAS</b><br>FORD VÁRIOS<br>OEM: 256745 /...<br>M.A. : M40/50G /...<br>GAP = GP-1027<br><br>1/4"                  | <b>GP-1017 LUCAS</b><br>FORD VÁRIOS<br>OEM: 54252850 /...<br>M.A. : M40/50G /...<br><br>1/4"                                                            |                                                                                                                                                                                                                  |
| <b>M212X-11573 MITSUB</b><br>MITS. CANTER FE-444<br>OEM: M212X-11573 /...<br>M.A. : M2T-67881/2 /...<br>CARGO = 137546<br>  | <b>M212X-11771 MITSUB</b><br>MITS. CANTER FE-110/211<br>OEM: M212X-11771 /...<br>M.A. : M2T-56182 /...<br>CARGO = 137545<br>                            | <b>M982X-38871 MITSUB</b><br>MITS. CANTER FB-501 – FE-507<br>OEM: M982X-38871 /...<br>M.A. : M8T-... /...<br>CARGO = 231581<br> |
| <b>M389X-12371 MITSUB</b><br>MITS. CANTER FE-444<br>OEM: M389X-12371 /...<br>M.A. : M2T-67881/2 /...<br>CARGO = 137457<br> | <b>M391C-02501 MITSUB</b><br>MITS. CANTER FE-444<br>OEM: M391C-02501 /...<br>M.A. : M2T-67881/2 /...<br>CARGO = 133725<br><br>P/ESCOVA : M649T-05071/2 | <b>M414X-04875 MITSUB</b><br>MITS. CANTER FE-507<br>OEM: M414X-04871 /...<br>M.A. : M8T-... /...<br>CARGO = 231388<br>         |
| <b>131834 NIPODENSO</b><br>TOYOTA VÁRIOS<br>OEM: 053480-0380 /...<br>M.A. : 28100-26040 /...<br>GAP = GP-3702<br>         | <b>131835 NIPODENSO</b><br>TOYOTA VÁRIOS<br>OEM: 053480-0380 /...<br>M.A. : 28100-... /...<br>GAP = GP-3703<br>                                       | <b>131836 NIPODENSO</b><br>TOYOTA VÁRIOS<br>OEM: ...<br>M.A. : 28100-... /...<br>GAP = GP-3704<br>                            |



## JOGOS DE RERAÇÃO

|                                                                                                                                                                                       |                                                                                                                                                                                            |                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>231625 NIPODENSO</b><br>TOYOTA VÁRIOS<br>OEM: ...<br>M.A. : 28100-... /...<br>UNIP = P-3523<br> |                                                                                                                                                                                            |                                                                                                                                                                            |
| <b>036-004 P.R./VALEO</b><br>VÁRIOS<br>OEM: ...<br>M.A. : D6RA-5/6 /...<br>PSX-148/149<br>         | <b>036-005 P.R./VALEO</b><br>VÁRIOS<br>OEM: ...<br>M.A. : D6RA-8/10 /...<br>PSX-146/147<br>9.1821.1<br> | <b>M-1 P.R./VALEO</b><br>VÁRIOS<br>OEM: ...<br>M.A. : D6R /...<br>PSX-146/147/148/9<br> |
| <b>0917911 P.R./VALEO</b><br>VÁRIOS<br>OEM: ...<br>M.A. : D7R /...<br>PSX-142/143<br>             | <b>0917981 P.R./VALEO</b><br>VÁRIOS<br>OEM: ...<br>M.A. : D6R /...<br>PSX-148/149<br>                  | <b>0917991 P.R./VALEO</b><br>VÁRIOS<br>OEM: ...<br>M.A. : D6R /...<br>PSX-147/148<br>  |
|                                                                                                                                                                                       | <b>0338410 P.R./VALEO</b><br>VÁRIOS<br>OEM: ...<br>M.A. : D6RA /...<br>SUPORTE MAGNETOS<br>           |                                                                                                                                                                            |





## PORTA ESCOVAS

BOSCH



FIGURA A



FIGURA B



FIGURA C



FIGURA D

| REF <sup>a</sup> | CARGO  | GEBE   | O.E.M.       | M.A.                           | ESCOVAS    | VEICULO                         | FIG <sup>a</sup> |
|------------------|--------|--------|--------------|--------------------------------|------------|---------------------------------|------------------|
| <b>86.801</b>    | 136557 | 771311 | 1004.336.801 | 0001.106/107...<br>0001.121... | BSX-157/8  | FORD ESCORT<br>AUDI 80 – 100    | A                |
| <b>86.829</b>    | 138900 | 771291 | 1004.336.829 | 0001.109...                    | BSX-157/8  | FIAT PUNTO 1.7 D                | C                |
| <b>86.835</b>    | 137703 | 771321 | 1004.336.835 | 0001.110...                    | BSX-157/8  | AUDI A6 – A8<br>VOLVO S40 – S60 | A                |
| <b>86.836</b>    | 138900 | 771291 | 1004.336.836 | 0001.109...                    | BSX-157/8  | FIAT BRAVA/O TDS                | C                |
| <b>86.900</b>    | 134103 | 771211 | 1004.336.900 | 0001.312/317...                |            | OPEL - V.W. GOLF D              | D                |
| <b>86.906</b>    | 134659 | 771271 | 1004.336.906 | 0001.109/10/124                | BSX-157/8  | V.W. GOLF D                     | A                |
| <b>86.907</b>    | 134658 | 771241 | 1004.336.907 | 0001.108/111...                | BSX-159/60 | FORD FIESTA OPEL                | B                |
| <b>86.908</b>    | 137703 | 771321 | 1004.336.908 | 0001.110.003/26                | BSX-157/8  | CINTROEN – PEUG.<br>RENAULT     | A                |
| <b>86.909</b>    | 134660 | 771291 | 1004.336.909 | 0001.109/110...                | BSX-157/8  | FIAT – OPEL – SEAT              | A                |
| <b>86.914</b>    | 134659 | 771291 | 1004.336.914 | 0001.109/110...                | BSX-157/8  | MERCEDES D                      | A                |
| <b>86.915</b>    | 134868 | 771251 | 1004.336.915 | 0001.112/3/4/33                | BSX-161/2  | OPEL – V.W.                     | C                |
| <b>86.916</b>    | 134868 | 771251 | 1004.336.914 | 0001.112/3/4/33                | BSX-161/2  | CINTROEN AX<br>FORD – PEUGEOT   | C                |
| <b>86.917</b>    | 138899 | 771251 | 1004.336.917 | 0001.112/3/4/33                | BSX-161/2  | V.W. GOLF 1.5<br>SEAT 1.5       | C                |
| <b>86.918</b>    | 134658 | 771241 | 1004.336.918 | 0001.108/111...                | BSX-159/60 | FORD – MERC. 190                | B                |
| <b>86.923</b>    | 135235 | 771281 | 1004.336.923 | 0001.108/111...                | BSX-157/8  | VÁRIOS                          | A                |
| <b>86.928</b>    | 138899 | 771251 | 1004.336.928 | 0001.112/114...                | BSX-161/2  | V.W.                            | C                |
| <b>86.937</b>    | 135015 | 771261 | 1004.336.937 | 0001.106/7/121                 | BSX-161/2  | VÁRIOS                          | C                |
| <b>86.951</b>    | 135015 | 771261 | 1004.336.951 | 0001.106/7...                  | BSX-161/2  | VÁRIOS                          | C                |
| <b>86.952</b>    | 136418 | 771251 | 1004.336.952 | 0001.112/3/4...                | BSX-161/2  | FORD                            | C                |
| <b>86.953</b>    | 136418 | 771251 | 1004.336.953 | 0001.112/3/4...                | BSX-161/2  | FORD                            | C                |
| <b>86.954</b>    | 134658 | 771241 | 1004.336.954 | 0001.108...                    | BSX-159/60 | VÁRIOS                          | B                |
| <b>86.955</b>    | 134660 | 771291 | 1004.336.955 | 0001.110...                    | BSX-157/8  | VÁRIOS                          | A                |

2005 / 2006

CATÁLOGO B

PAG. 67

SEDE: R. ERNESTO GONÇALVES, 290, EN 1. SEIXEZELO . AP 76 . 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12 . AP 30325 . 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886



## PORTA ESCOVAS

BOSCH



FIGURA A



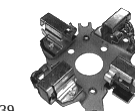
FIGURA B



FIGURA C



FIGURA D

| REF <sup>a</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CARGO  | GEBE   | O.E.M.       | M.A.            | ESCOVAS    | VEICULO     | FIG <sup>a</sup> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------------|-----------------|------------|-------------|------------------|
| <b>86.958</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 134659 | 771271 | 1004.336.958 | 0001.110...     | BSX-157/8  | VÁRIOS      | A                |
| <b>86.963</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 134868 | 771251 | 1004.336.963 | 0001.112/113... | BSX-161/2  | FORD – OPEL | C                |
| <b>86.965</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 134658 | 771241 | 1004.336.965 | 0001.108...     | BSX-159/60 | ROVER       | B                |
| <b>86.992</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        | 771251 | 1004.336.992 |                 |            | VÁRIOS      | .                |
| <b>86.993</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 138904 | 771251 | 1004.336.993 | 0001.112/113... | BSX-161/2  | VÁRIOS      | C                |
| <div> <div> <b>7.7114.1 BOSCH</b><br/> VÁRIOS<br/> OEM: 1004.336.025/8/9<br/> M.A. : 0001.208/211/212 /...<br/> CARGO = 130685  </div> <div> <b>7.7115.1 BOSCH</b><br/> MERCEDES VÁRIOS<br/> OEM: 2004.336.027/41<br/> M.A. : 0001.362/366 /...<br/> CARGO = 132306  </div> <div> <b>41 7.7117.1 BOSCH</b><br/> V.W.<br/> OEM: 2004.336.078<br/> M.A. : 0001.208.006 /...<br/> CARGO: 130961  </div> </div> |        |        |              |                 |            |             |                  |
| <div> <div> <b>7.7119.1 BOSCH</b><br/> FIAT – VOLVO<br/> OEM: 2004.336.028/44<br/> M.A. : 0001.367 /...<br/> CARGO = 132303  </div> <div> <b>7.7120.1 BOSCH</b><br/> DAF – FIAT – VOLVO<br/> OEM: 2004.336.031<br/> M.A. : 0001.368 /...<br/> CARGO = 131185  </div> <div> <b>7.7130.1 BOSCH</b><br/> MERCEDES<br/> OEM: 1004.336.218<br/> M.A. : 0001.218 /...<br/> CARGO = 134661  </div> </div>    |        |        |              |                 |            |             |                  |
| <div> <div> <b>7.7136.1 BOSCH</b><br/> SCANIA<br/> OEM: 2004.336.078<br/> M.A. : 0001.371.004/6/8 /...<br/> CARGO: 230843  </div> <div> <b>41 7.7138.1 BOSCH</b><br/> OEM: 2004.336.066/86<br/> M.A. : 0001.364.300 /...<br/> CARGO = 138319  </div> <div> <b>7.7136.1 BOSCH</b><br/> SCANIA<br/> OEM: 2004.336.078<br/> M.A. : 0001.371.004/6/8 /...<br/> CARGO: 230843  </div> </div>               |        |        |              |                 |            |             |                  |

2005 / 2006

CATÁLOGO B

PAG. 68

SEDE: R. ERNESTO GONÇALVES, 290, EN 1. SEIXEZELO . AP 76 . 4416-901 PEDROSO. TEL: GERAL/PEÇAS 22 7419200 - ESCRITÓRIO 22 7419201 - FAX 22 7419209  
 FILIAL-PORTO: TRAV. ANTERO DE QUINTAL, 160/164. 4000-086 PORTO. TEL: GERAL/PEÇAS 22 5573250 - ESCRITÓRIO 22 5573251 - FAX: 22 5096443  
 FILIAL-LISBOA: R. DE PEDROUÇOS, 27 - LOJA-12 . AP 30325 . 1400-999 LISBOA. TEL: GERAL/PEÇAS 21 6016669 - ESCRITÓRIO 21 6014880 - FAX: 21 6014886





## PORTA ESCOVAS

**41 7.7199.1 BOSCH**

OEM: 6033.AD.0130/380  
M.A. : 0001.231.003/4/5 /...  
CARGO = 139698



BSX-190/191

**101 EC-3590 BOSCH**

MÁQUINAS  
OEM: 2004.336.051  
M.A. : 0001.420 /...  
CARGO = 133558



BSX-147

**221.01.049/51 BOSCH**

MÁQUINAS  
OEM: 2005.855.166/298  
M.A. : (FKB) / 0001.410 /...  
CARGO = 133489



BSX-131

**221.01.050 BOSCH**

MÁQUINAS  
OEM: 2005.855.174  
M.A. : (FKB) / 0001.410 /...  
CARGO = 133490



BSX-60/99

**101 EC-3515 DELCO**

MÁQUINAS  
OEM: 1945849  
M.A. : 50-MT /...  
52 130523



RX-92 (12)

**96 RS-207 DELCO**

MÁQUINAS  
OEM: 1948515  
M.A. : 40-MT /...  
52 130520



RX-69/70 (8)

**96 RS-210 DELCO**

MÁQUINAS  
OEM: 1984974  
M.A. : 50-MT S400 /...  
52 131482



RX-124H (6)

**96 RS-211 DELCO**

MÁQUINAS  
OEM: 1988121.M.A. : 42-MT /...  
52 131352



RX-134 (4)

**96 SH-7150 DELCO**

MÁQUINAS  
OEM: 10456456  
M.A. : 28-MT /...  
52 134842



ESC: 140600



## PORTA ESCOVAS

**136635 FORD**

FORD VÁRIOS  
OEM: 93RZ-11061-A  
M.A. : 93BB-11000-HB /...  
GEBE = 772121

**101 EC-47185 FORD**

FORD TRANSIT  
OEM: F7RU-11434BA  
M.A. : 97BB-11000-BB/BC /...  
CARGO : 230741



ESC: 140955

**SH-3301 HITACHI**

OPEL ASTRA - CORSA B 1.7 D  
OEM: 2114-73105  
M.A. : S114-808/850 /...  
CARGO: 137121 | PAM: 86.203



FN-057/058

**SH-6020 HITACHI**

OPEL ASTRA - CORSA A 1.5 D  
OEM: 2114-19008  
M.A. : S114-480/1 /...  
CARGO = 133653



FN-189/190

**SH-6103 HITACHI**

NISSAN D21  
OEM: 2130-53021/2 /2240-3310  
M.A. : S13-106 /...  
CARGO: 133730 | PAM: 86.205



FN-042

**2114-1360 HITACHI**

TRACTOR YANMAR  
OEM: 2114-1360/6310  
M.A. : ...  
CARGO: 133332 | HAK: HDS-3201/2



FN-124/5

**2120-3305Y HITACHI**

NISSAN CABALL  
OEM: 2120-3305Y  
M.A. : S12-24/34/41/59 /...  
CARGO = 133328



FN-115/118

**2120-5310 HITACHI**

NISSAN CABALL  
OEM: 2120-5310  
M.A. : ...  
CARGO = 132019



FN-115/118

**2130-8305 HITACHI**

NISSAN URBAN SD-23  
OEM: 2130-8305  
M.A. : ...



FN-003/4

**2250-4305 HITACHI**

BEDFORD SFR  
OEM: 2250-4305  
M.A. : S12-52/58/61/62 /...  
CARGO = 132425



FI-185/186



## PORTA ESCOVAS

**131169 LUCAS**

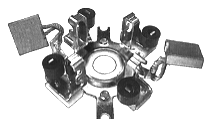
FORD TRANSIT  
OEM: 54245374  
M.A. : M50G /...  
101 BKT-469



LASX-36

**134670 MARELLI**

FIAT IVECO  
OEM: 72165001  
M.A. : MT-67-AD/CB /...  
GAP = GP-3792



MASX-21/22

**135604 MARELLI**

FIAT IVECO  
OEM: 72164101  
M.A. : MT-71-AB/DB/TA /...  
REAL = 212.04.022



MASX-25/26

**138534 MARELLI**

FIAT TIPO - PALIO  
OEM: 83224461  
M.A. : E80E /...  
GEBE = 771901



JSX-38/41

**138538 MARELLI**

FIAT VÁRIOS  
OEM: 85540351  
M.A. : E95C /...  
PAM = 86.051



JSX-31/32

**133340 MITSUBISCHI**

MAZDA - MITSUBISCHI  
OEM: M649X-02572  
M.A. : M4T-14872...  
HAK = HDS-3101



FJ-191

**133341 MITSUBISCHI**

MAZDA - MITSUBISCHI - NISSAN  
OEM: M649T-01271  
M.A. : ...  
GEBE: 771871 | UNIP: M-00119



FJSX-8312

**133342 MITSUBISCHI**

MAZDA - MITSUBISCHI - NISSAN  
OEM: M649T-01671  
M.A. : ...  
GEBE: 771881 | PAM: 86.757



FJSX-8311



## PORTA ESCOVAS

**133886 MITSUBISCHI**

MAZDA - MITSUBISCHI - NISSAN  
OEM: M649T-04471  
M.A. : M2T-5... /...  
GEBE: 771891



FJ-191

**137929 MITSUBISCHI**

MAZDA - MITSUBISCHI - NISSAN  
OEM: M231X-05171  
M.A. : M1T-... /...  
96 SH-3501



FJ-002

**M649T-03672 MITS.**

MAZDA - MITSUBISCHI - NISSAN  
OEM: M649T-03672  
M.A. : M4T-55071 /...



FJ-002

**M649T-05071/2 MITS.**

MITSUBISCHI CANTER FE-100/111  
OEM: M649T-05071/2  
M.A. : M2T-67881/2 /...  
GEBE: 771861 | UNIP: SH-6138



FJ-192/FM-160

**M649T-07371 MITS.**

MITSUBISCHI CANTER FM-215  
OEM: M649T-07371  
M.A. : M4T-55071 /...



FJ-002

**M649T-09671 MITS.**

MITSUBISCHI  
OEM: M649T-09671  
M.A. : ...  
CARGO = 133338



FJ-002

**M649X-20471 MITS.**

MITSUBISCHI CANTER FB-501  
OEM: M649X-20471  
M.A. : M8T-... /...  
52 138963



FT-102

**M649X-20771 MITS.**

MITSUBISCHI CANTER FB-501  
OEM: M649X-20771  
M.A. : M8T-... /...  
52 139822 | 96 SH-7131



FT-102

**132559 NIPODENSO**

TOYOTA VÁRIOS  
OEM: 028150-0560  
M.A. : 028000-9490 /...  
GAP = GP-37000



FT-130

**132874 NIPODENSO**

TOYOTA DYNA BU-30  
OEM: 028150-0500  
M.A. : 028000-5510 /...  
GEBE: 771721 | UNIP: SH-6150



FT-128

**137021 NIPODENSO**

TOYOTA HAILUX - HAICE  
OEM: 028150-5010  
M.A. : 28100-54070 /...  
UNIP: SH-5001



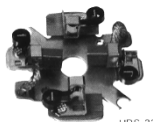
FT-133



## PORTA ESCOVAS

**HDS-3301 NIPODENSO**

TOYOTA CORROLA  
OEM: 28140-25020  
M.A. : ...  
52 138145



FT-102

**HDS-3302 NIPODENSO**

TOYOTA CORROLA  
OEM: 28140-41020  
M.A. : ...



FT-102

**86.070 P.R./VALEO**

VÁRIOS  
OEM: NE-783  
M.A. : D6RA-5/6 /...



PSX-148/149

**86.072 P.R./VALEO**

VÁRIOS  
OEM: NE-788  
M.A. : D6RA-8/10 /...



PSX-146/147

**86.073 P.R./VALEO**

VÁRIOS  
OEM: NE-854  
M.A. : D6RA-33/37/57 /...



PSX-148/149

**771461 P.R./VALEO**

VÁRIOS  
OEM: ....  
M.A. : D7G /...  
V.W.



PSX-162/3

**771471 P.R./VALEO**

VÁRIOS  
OEM: ....  
M.A. : D7G /...  
AUDI



PSX-160/4

**771481 P.R./VALEO**

VÁRIOS  
OEM: ....  
M.A. : D7G /...  
RENAULT



PSX-160/4

**771500 P.R./VALEO**

VÁRIOS  
OEM: NE-783  
M.A. : D6RA-8/10 /...  
CARGO = 133647



PSX-146/147

**771510 P.R./VALEO**

VÁRIOS  
OEM: NE-788  
M.A. : D6RA-5/6 /...  
CARGO = 133647



PSX-148/149

**771520 P.R./VALEO**

VÁRIOS  
OEM: ....  
M.A. : D8E - D9E /...  
CARGO = 132812 | GAP: GP-3732



PSX-129/130



## PORTA ESCOVAS

**771530 P.R./VALEO**

VÁRIOS  
OEM: ....  
M.A. : D8E - D9E /...  
CARGO = 132812 | GAP = GP-3733



PSX-133

**771561 P.R./VALEO**

VÁRIOS  
OEM: ....  
M.A. : D9R /...  
CARGO = 134642



PSX-140/141

**771571 P.R./VALEO**

VÁRIOS  
OEM: ....  
M.A. : D7R /...  
CARGO = 136763



PSX-142/143

**771591 P.R./VALEO**

VÁRIOS  
OEM: ....  
M.A. : D7E /...  
CARGO = 139224



PSX-155

**771651 P.R./VALEO**

V.W.  
OEM: ....  
M.A. : D7E /...  
CARGO = 139224



PSX-155

**41 9.1798.1 VALEO**

OEM: ...  
M.A. : D6RA-



BSX-148/149

**41 9.1818.1 VALEO**

OEM: ...  
M.A. : D6RA-8/10



BSX-146/147

**41 9.1822.1 VALEO**

OEM: ...  
M.A. : D6RA-...



BSX-148/149



## ROLAMENTOS DE AGULHAS



FIGURA A



FIGURA B



FIGURA C

| REF <sup>a</sup> | CARGO  | MARCA   | O.E.M.                  | MEDIDA              | FIG <sup>a</sup> |
|------------------|--------|---------|-------------------------|---------------------|------------------|
| GP-8069          | 140197 | BOSCH   | 2000.910.002 / HK-1816  | 18 x 24 x 16        | A                |
| GP-8206          | 140515 | BOSCH   | 1900.910.024 / NV-202EC | 15 x 35 x 11        | B                |
| GP-8229          | 140482 | BOSCH   | 0001.108.068/069        | 10 x 14 x 10        | A                |
| GP-8304          | 140375 | BOSCH   | 9003.330.902 / HK-1812  | 18 x 24 x 12        | A                |
| GP-8308          | 140482 | BOSCH   | 100.917.003 / HK-1010   | 10 x 14 x 10        | A                |
| 3723             | 140242 | BOSCH   | 9001.140.384 / HK-1210  | 12 x 16 x 10        | A                |
| 257.01.002       | 140198 | BOSCH   | ( FKB ) 2000.910.005    | 34 x 48 x15         | B                |
| GP-8299          | 140421 | DELCO   | 9441607                 | 11,13 x 15,9 x 12,7 | A                |
| GP-8300          | 140752 | DELCO   | 9440920 / HK-0810B      | 8 x 12 x 10         | A                |
| GP-8307          | 140136 | DELCO   | 9437171                 | 17 x 23,8 x32       | C                |
| GP-8230          | 140381 | HITACHI | 2130-1451 / HK-2212     | 22 x 28,1 x 12      | A                |
| GP-8231          | 140495 | HITACHI | 2250-1451/ HK-1512      | 20 x 26 x 12        | A                |
| GP-8217          | 140242 | LUCAS   | M-80 / HK-1210          | 12 x 16 x 10        | A                |
| GP-8301          | 140482 | MARELLI | HK-1010B                | 10 x 14 x 10        | A                |
| GP-8302          | 140483 | MARELLI | HK-1214-RSB             | 12 x 18 x 14        | A                |
| GP-8334          | 140514 | MITSUB. | S933P-65270             | 12 x 17 x 12        | A                |
| GP-8305          | 140494 | P.R.    | HK-1212B                | 12 x 18 x 12        | A                |
| GP-8306          | 140503 | P.R.    | HK-1412B                | 14 x 20 x 12        | A                |

**M410X-12971 MITS.**  
MITS CANTER FE-110/214  
CARGO: 140412



**M410X-13671 MITS.**  
MITS FK-FM-215



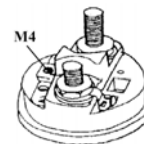
**M410X-14171 MITS.**  
MITS CANTER FE-444  
CARGO: 141038



## TAMPAS DE BOBINE

**27 GP-2980 BOSCH**

BOBINE : 1331.402.  
OEM: 1330.516.712...  
M.A. : ....  
CARGO = 131318



**27 GP-1053 LUCAS**

BOBINE : GP-506/7  
OEM: 54642662  
M.A. : M35J  
CARGO = 131029



**27 GP-1059 LUCAS**

BOBINE : SND-1409  
OEM: 54642436  
M.A. : M45G  
CARGO = 131264



**27 GP-1060 LUCAS**

BOBINE : SND-1412  
OEM: 54642116  
M.A. : M50  
CARGO = 131275



**27 GP-1061 LUCAS**

BOBINE : GP-502  
OEM: 54642420  
M.A. : M50  
CARGO = 131275



**27 GP-3627 NIPODENSO**

FORD ESCORT - FIESTA  
OEM: ...  
M.A. : LRS-344  
CARGO = 131847



**101 SNC-1511 LUCAS**

BOBINE : SND-1409  
OEM: 54642732  
M.A. : M50  
CARGO = 131275



**101 SNC-1515 LUCAS**

BOBINE : SND-1408  
OEM: 54644302  
M.A. : M35G  
CARGO = 131274



**101 SNC-1517 LUCAS**

BOBINE : SND-1408  
OEM: 54642884  
M.A. : M35J  
CARGO = 131015



**101 SNC-1518 LUCAS**

BOBINE : SND-1410  
OEM: 54646590  
M.A. : M50  
CARGO = 131276



**101 SNC-1524 LUCAS**

BOBINE : SND-1450  
OEM: ...  
M.A. : M127  
CARGO = 132270





## TAMPAS

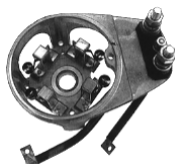
**221.01.007 BOSCH**  
VÁRIOS  
OEM: 2005.854.052  
M.A. : ( JD ) / 0001.359/360 ...  
CARGO = 134093



**221.01.049/51 BOSCH**  
MÁQUINAS  
OEM: 2005.855.166/298  
M.A. : (FKB) / 0001.410 / ...  
CARGO = 133489



**221.01.050 BOSCH**  
MÁQUINAS  
OEM: 2005.855.174  
M.A. : (FKB) / 0001.410 / ...  
CARGO = 133490



**222.01.007 BOSCH**  
VÁRIOS  
OEM: 2005.825.087  
M.A. : (JKB) / 0001.410/1/3/4/5/6/7  
CARGO = 132049



**222.01.021 BOSCH**  
VÁRIOS  
OEM: 2005.825.099  
M.A. : (JKB) / 0001.410/1/3/4/5/6/7  
CARGO = 13220



**222.01.024 BOSCH**  
VÁRIOS  
OEM: 2005.825.183  
M.A. : (JKB) / 0001.410/1/3/4/5/6/7



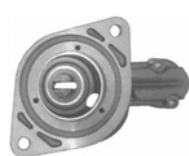
**BKT-4412 BOSCH**  
VÁRIOS  
OEM: 2005.854.084  
M.A. : ( JD ) / 0001.359/360 ...  
CARGO = 134092



**2130-4300 HITACHI**  
ISUZU TLD  
OEM: 2130-4300  
M.A. : S13-106  
CARGO = 137936



**2130-96002 HITACHI**  
NISSAN PICK-UP  
OEM: 2130-4300  
M.A. : S13-62  
CARGO = 139575



**2240-2400 HITACHI**  
NISSAN CABSTAR  
OEM: 2240-2400  
M.A. : S24-01B



## TAMPAS

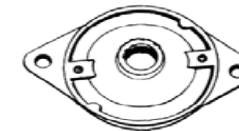
**GP-903 LUCAS**  
FORD VÁRIOS  
OEM: 54244774  
M.A. : M35J  
CARGO = 130860



**GP-907 LUCAS**  
FORD VÁRIOS  
OEM: 54253143  
M.A. : M35G



**GP-908 LUCAS**  
FORD VÁRIOS  
OEM: 54254175  
M.A. : M35G



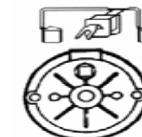
**GP-910 LUCAS**  
FORD VÁRIOS  
OEM: 5424  
M.A. : M35G



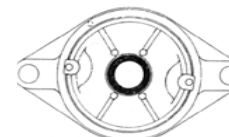
**GP-912-S LUCAS**  
FORD VÁRIOS  
OEM: 257648  
M.A. : M418G



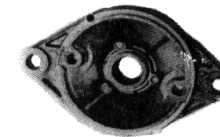
**GP-913 LUCAS**  
FORD VÁRIOS  
OEM: 54245645  
M.A. : 3M100



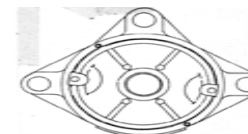
**GP-918 LUCAS**  
FORD VÁRIOS  
OEM: 54242336  
M.A. : M35J



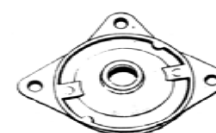
**GP-919 LUCAS**  
FORD VÁRIOS  
OEM: 54241172  
M.A. : M35J



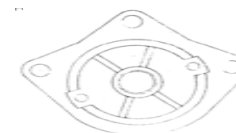
**GP-922 LUCAS**  
FORD VÁRIOS  
OEM: 54241881  
M.A. : M35G



**GP-923 LUCAS**  
FORD VÁRIOS  
OEM: 54242326  
M.A. : M35J



**GP-924 LUCAS**  
FORD VÁRIOS  
OEM: 5421658  
M.A. : M35J



**BKT-470 LUCAS**  
FORD VÁRIOS  
OEM: 54244980  
M.A. : M50G  
CARGO = 137719







## TAMPAS

**221.04.027 MARELLI**  
VÁRIOS  
OEM: 72362661  
M.A.: MT-67-AB/AC/B/BA/C/CA  
CARGO = 136734



**221.04.030/35 MARELLI**  
VÁRIOS  
OEM: 7238101/2  
M.A.: MT-72-A/AA – MT-71-AA/Z  
CARGO = 136165



**222.04.006 MARELLI**  
VÁRIOS  
OEM: 72143104  
M.A.: MT-71-AA/B/Z – MT-72-AA  
CARGO = 137032



**222.04.052 MARELLI**  
VÁRIOS  
OEM: 72362306/7  
M.A.: MT-68-AB/AC-MT-67-AB/C  
CARGO = 136203



**222.04.064 MARELLI**  
VÁRIOS  
OEM: 72144802  
M.A.: MT-67-B/BA – MT-68-BA  
CARGO = 137028



**222.04.065 MARELLI**  
VÁRIOS  
OEM: 72388401  
M.A.: MT-67-C/CA  
CARGO = 137025



**222.04.067 MARELLI**  
VÁRIOS  
OEM: 7267308  
M.A.: MT-  
CARGO = 137032



**M640B-12671 MITSUB**  
MITSUBISHI CANTER FE-110/214  
OEM: M640B-12671  
M.A.: M2T-56182 /...  
CARGO = 138954



**M640B-26571 MITSUB**  
NISSAN  
OEM: M640B-26571  
M.A.: M2T-56471 /...  
CARGO = 231988

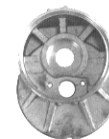


**M640B-28771 MITSUB**  
MITSUBISHI CANTER FE-444  
OEM: M640B-28771  
M.A.: M2T-67881/2 /...  
CARGO = 231813



## TAMPAS

**M640B-29071 MITSUB**  
MITSUBISHI CANTER FM-215/FK-  
OEM: M640B-26171/29071  
M.A.: M3T-56071 /...



**M641X-08172 MITSUB**  
MITSUBISHI CANTER FE-110/214  
OEM: M641X-08172  
M.A.: M2T-64271 /...



**M641X-60573 MITSUB**  
NISSAN CABSTAR  
OEM: M641X-60573  
M.A.: M2T-64373 /...



**M641X-63271 MITSUB.**  
MITS. IMPILHADOR  
OEM: M641X-63271  
M.A.: M2T-65271/2  
52 137712 | 96 P-4303



**M641X-65072 MITSUB**  
MITSUBISHI CANTER FE-110/214  
OEM: M641X-65072  
M.A.: M2T-66871 /...  
CARGO = 137690



**M641X-68972 MITSUB**  
MITSUBISHI CANTER FE-331  
OEM: M641X-68972  
M.A.: M2T-66871 /...  
CARGO = 137690



**M641X-71272/7 MITSUB**  
MITSUBISHI CANTER FE-444  
OEM: M641X-71272/7  
M.A.: M2T-67881 /...  
CARGO = 137641



**M644B-21201 MITSUB**  
MITS. CANTER FE-1110/214/331/444  
OEM: M644B-21201  
M.A.: ...  
CARGO = 137219



**3476 VALEO**  
VÁRIOS  
OEM: ...  
M.A.: D6RA-...  
41 222190 | 52 135081







## NOTAS