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CATALOGO DE PRODUCTOS

PARA O MERCADO DE

REPOSICION DE LA LINEA

FORD (Camiones)

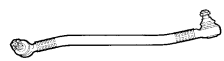
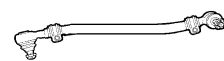
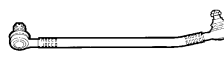
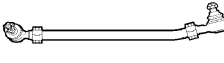
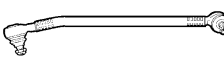
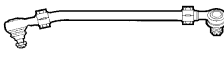
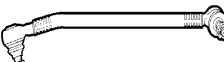
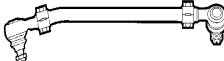
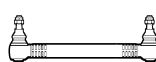
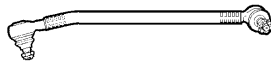


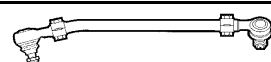
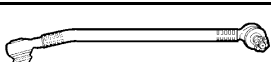
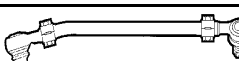

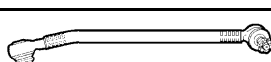
LINEA - LINE FORD

TERMINALES DE DIRECCION - TIE ROD ENDS

PH	Nº. ORIG.	DESCRIPCION	L.	ROSCA	C / K
15500	E5HT-7B081-AA	TER. DE CAMBIO	90 m.m.	14 x 1,5 DER.	14 m.m.
15503	7.360.200	A/ D/ C 60 / C 350 / 6500	105 m.m.	1" 16 H. DER.	21,3 / 1:8
15504	7.360.199	A/ D/ C 60 / C 350 / 6500	105 m.m.	1" 16 H. IZQ.	21,3 / 1:8
15505		700-6000-7000 B/DIRE.(reg.duplo)	105 m.m.	24 X 1,5 DER.	22 / 1:8
15506		700-6000-7000 B/DIRE.(reg.duplo)	105 m.m.	24 X 1,5 IZQ.	22 / 1:8
15507	85HU-3289-A 2SU/415711	14000-22000 / CARGO 1215-1722	120 m.m.	1" 1/8 12U DER.	28 / 1:8
15508	85HU-3290-A 2SU/415712	14000-22000 / CARGO 1215-1722	120 m.m.	1" 1/8 12U IZQ.	28 / 1:8
15509		14000 B/DIREC. (reg. dupla)	120 m.m.	30 X 1,5 DER.	28 / 1:8
15510		14000 B/DIREC. (reg. dupla)	120 m.m.	30 X 1,5 IZQ.	28 / 1:8
15511	BF6X/3290/AA	CARGO 814	105 m.m.	30 X 1,5 DER.	22 / 1:8
15512		CARGO 814 (regulable dupla)	105 m.m.	30 X 1,5 IZQ.	22 / 1:8
15513		CARGO 814 B/DIREÇ. (reg. dupla)	105 m.m.	30 X 1,5 DER.	22 / 1:8
15514		CARGO 814 B/DIREÇ. (reg. dupla)	105 m.m.	30 X 1,5 IZQ.	22 / 1:8
15515		CARGO 1416-1517-1622 B/DIREC.(reg. dupla)	120 m.m.	30 X 1,5 DER.	30,8 / 1:8
15516		CARGO 1416-1517-1622 B/DIREC. (reg. dupla).	120 m.m.	30 X 1,5 IZQ.	28 / 1:8
15517	BF8T/3A130/A	14000 BARRA LARGA (99)	215 m.m.	1" 1/4 12U DER.	30,8 / 1:8
15518	BF8T/3A131/A	14000 BARRA LARGA (99)	215 m.m.	1" 1/4 12U IZQ.	30,8 / 1:8
15519		14000 (99) B/DIREC. (reg. dupla)	120 m.m.	30 X 1,5 DER.	28 / 1:8
15520		14000 (99) B/DIREC. (reg. dupla)	120 m.m.	30 X 1,5 IZQ.	30,8 / 1:8
15521	72TU-3289-A BD2T-3A130-A	600-700-6000-7000 B. LARGA	115 m.m.	1" 16 H. DER.	22 / 1:8
15522	72TU-3290-A BD2T-3A130-A	600-700-6000-7000 B. LARGA	115 m.m.	1" 16 H. IZQ.	22 / 1:8

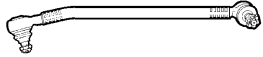
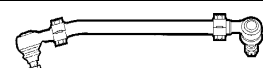
LINE - LINEA FORD

BARRAS DE DIRECCION - DRAG LINKS

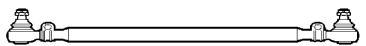
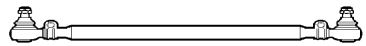
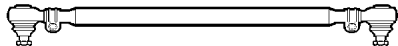
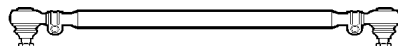

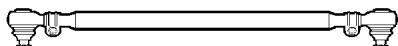
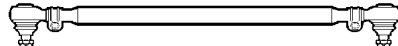
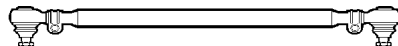

PH	Nº. ORIG.	DESCRIPCION	L.	FIGURA
15603	CZTT-3304A	F. 600/700 DIESEL (TUBO)	425 m.m	
15604	CZTT-3304A	F. 600/700 DIESEL (reg. dupla)	425 m.m	 15505 15506
15605	EDHZ-3304A	F. 7000 DIR.MEC. (TUBO)	490 m..m	
15606	EDHZ-3304A	F. 7000 DIR.MEC. (reg. dupla)	490 m..m	 15505 15506
15607		F. 7000 DIR.HID. (TUBO)	490 m..m	
15608		F. 7000 DIR.HID. (reg. dupla)	490 m..m	 15505 15506
15609	T75.415.701	F 14000 (TUBO)	600 M.M.	
15610	T75.415.701	F 14000 (reg. dupla)	600 M.M.	 15509 15510
15611	E5HT-5C486	TIRANTE DA BARRA ESTAB. F.CARGO	211 m.m.	
15612	E5HT-3304	F. CARGO 1215-1416-1622 (TUBO)	945 m.m.	
15612/1	E5HT-3304	F. CARGO 1215-1416-1622 (reg. dupla)	945 m.m.	 15515 15516
15613	2UH-415-701	F. CARGO 814 (TUBO)	824 m.m.	
15614	2UH-415-701	F. CARGO 814 (reg. dupla)	824 m.m.	 15513 15514
15615	XC35/3304/BA	F 14000 ate 1999 (TUBO)	720 m.m.	
15616	XC35/3304/BA	F 14000 ate 1999 (reg. Dupla)	720 m.m.	 15520 15519
15617	E5HT-5489	TIRANTE DA BARRA ESTAB. F.CARGO	168.5 m.m.	
15618	87TU-3304-AA	F 13000 / F 22000 (11 / 86)	388 m.m.	

LINE - LINEA FORD

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº. ORIG.	DESCRIPCION	L.	FIGURA
15619	XC35/3304/CA	BD fija p / F 14000 -HD de 2001	700 mm	
15620	XC35/3304/CA	BD -RD p/ F 14000 -HD de 2001	700 mm	 15515 15507

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº. ORIG.	DESCRIPCION	L.	FIGURA
15701	D7TZ-3280	F. 7000 ANO 68 - 81	1530 m.m.	 15503 15504
15702		F. 7000 ANO 81 - 87	1680 m.m.	 15503 15504
15703	T75.415.801	F. 14000	1681 m.m.	 15507 15508
15704	85TU-3280	F. 13000 - 22000	1527 m.m.	 15507 15508
15705	2UH-415-801 96HU-3280-AA	F. CARGO 814	1450 m.m.	 15511
15706	E5HT-3280	F. CARGO 1113-1114-1117-1215-1218	1645 m.m.	 15507 15508
15707	87HU-3280	F. CARGO 1416-1517-1622	1694 m.m.	 15507 15508
15708	C353280CA	F. 14000 (99)	1470 m.m.	 15517 15518
15709	1C45/3280/BA	F. CARGO 815 - 915	1630 m.m.	 15511

LINE - LINEA FORD

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

No PH	No. ORIG.	DESCRIPCION	L.	FIGURA
15801	2080 052047	REP. P. VERTICE-BARRA ANGULAR	95 m.m.	
15802	2080 058066	REP. Perno Doble	85 m.m.	
15803	2080 058061	TERMINAL TENSOR INFERIOR	40 X 1,5 DeR	
15810	2080 058070	TERMINAIS TENSOR INFERIOR	40 X 1,5 IZQ	
15820	2080.05204.7	BARRA ANGULAR B.R.-RD P/ 24-220/ 301*24-250/126*26-300	521/ 592 mm	 15801 15802 15802
15821	2080.05203.9	B.R.-RD P/ 24-220/ 301*24-250/126*26-300	577 mm	 15810 15803
5250	2RR-512160	BUJE DE LA EXTREMIDAD VIGA EQUALIZ.		
5252	44.695-5	REP. P. DOBLE P/ TENSOR-HENDRIC.	71 m.m.	

LINE - LINEA FORD

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

No PH	No. ORIG.	DESCRIPCION	L.	FIGURA
15801	2080 052047	REP. P. VERTICE-BARRA ANGULAR	95 m.m.	
15802	2080 058066	REP. Perno Doble	85 m.m.	
15803	2080 058061	TERMINAL TENSOR INFERIOR	40 X 1,5 DeR	
15810	2080 058070	TERMINAIS TENSOR INFERIOR	40 X 1,5 IZQ	
15820	2080.05204.7	BARRA ANGULAR B.R.-RD P/ 24-220/ 301*24-250/126*26-300	521/ 592 mm	 15801 15802 15802
15821	2080.05203.9	B.R.-RD P/ 24-220/ 301*24-250/126*26-300	577 mm	 15810 15803
5250	2RR-512160	BUJE DE LA EXTREMIDAD VIGA EQUALIZ.		
5252	44.695-5	REP. P. DOBLE P/ TENSOR-HENDRIC.	71 m.m.	



CATALOGO DE PRODUCTOS

PARA O MERCADO DE

REPOSIÇÃO DA LINHA

MERC. BENZ (Caminhões e Ônibus)

LINE - LINEA MERCEDES BENZ

TERMINALES DE DIRECCION - TIE ROD ENDS

PH	N° ORIG.	DESCRIPCION	L.	ROSCA M.	C / K
2501	000.330.5035	L/LO 608 D-E	90 m.m.	24 X 1,5 DER.	18/1:10
	308.330.7235				
	310.330.0435				
	310.330.0835				
	310.330.1335				
2502	308.330.7335	L/LO 608 D-E	160 m.m.	24 X 1,5 DER.	18/1:10
	000.330.2635				
2503	308.330.7435	L/LO 608 D-E	160 m.m.	24 X 1,5 IZQ.	18/1:10
	000.330.2735				
2504	008.338.0129	LP/LPO 1113-710-812-814-913	105 m.m.	24 X 1,5 DER.	22/1:10
	000.330.1235				
	688.330.0135				
2505	688.330.0035	LP/LPO 1113-710-812-814-913	105 m.m.	24 X 1,5 IZQ.	22/1:10
	008.338.0029				
	000.330.1335				
2506	344.330.7135	L/LK/LS 1111-LS/LPO 1113-L/LS/LK 1313-1314 F.HID.	105 m.m.	28 X 1,5 DER.	22/1:10
	000.330.1435	L/LK/LS 1513-1516-1519 FRENO HIDRAULICO			
	000.338.1545	L 2013-2014			
	688.460.7048	710-812-913			
		OF 1313 F. HID / OH 1313-16 FRENO a AIRE			
2507	344.330.7235	L/LK/LS 1111-LS/LPO 1113-L/LS/LK 1313-1314 F.HID.	105 m.m.	28 X 1,5 IZQ.	22/1:10
	000.330.1535				
	000.330.3035				

LINE - LINEA MERCEDES BENZ

TERMINALES DE DIRECCION - TIE ROD ENDS

PH	N° ORIG.	DESCRIPCION	L.	ROSCA M.	C / K
2514	350.330.7035	L/LS 1313-1314-1316-1317/ L 1319 FRENO A AIRE	120 m.m.	30 X 1,5 DER.	26/1:10
	000.330.3235	1214-1218-K L/LK 1414- 1418 K- LA 1418			
	364.330.7135	L/LK/LS 1513-14-16-19-20 /1614-18-21-30-33 / 1714-18-21			
	384.460.7048	L 2013-14/ L/LK/LB 2213-14-16-17-20-25 / 2318-25 / 2418			
	345.330.7335	OF 1113-1513 /OF 1313-15-17-18-18E-20 /OF 1618-20			
	000.460.2648	OH 1313-14-15-16-18 /OH 1418-19-20 / 1517-18-20 /OHL			
	350.330.7435	O 370 - O 371 ST /U /UL /PST / O 400 R /RS /RSL /RSD			
2515	350.330.7135	L/LS 1313-1314-1316-1317/ L 1319 FREIO A AR	120 m.m.	30 X 1,5 IZQ	26/1:10
	345.330.7235	1214-1218-K L/LK 1414- 1418 K- LA 1418			
	345.330.7435	L/LK/LS 1513-14-16-19-20 /1614-18-21-30-33 / 1714-18-21			
	350.330.7535	L 2013-14/ L/LK/LB 2213-14-16-17-20-25 / 2318-25 / 2418			
		OF 1113-1513 /OF 1313-15-17-18-18E-20 /OF 1618-20			
		OH 1313-14-15-16-18 /OH 1418-19-20 / 1517-18-20 /OHL			
	O 370 - O 371 ST /U /UL /PST / O 400 R /RS /RSL /RSD				
2516	000.330.3135	L/LK/LS 1313-1314-1316	120 m.m.	30 X 1,5 DER	22/1:10
2524	350.330.7235	L/LS 1924-29-32-33-34-35-38-41-45	120 m.m.	30 x 1,5 DER	30/1:10
	000.460.0348	OH 1621L B/C -OH 1721 L B/C			
	350.330.7435	L / LK 1218 R- 1620 - 1938 - 1945			
2525	350.330.7335		120 m.m.	30 X 1,5 IZQ	30/1:10
	000.460.0648	L/LS 1924-29-32-33-34-35-38-41-45			
	350.330.7535				
2526	000.460.6548	MB 180	90 m.m.	18 x 1,5 DER	18/1:10
2527	631.330.0535	MB 180	105 m.m.	24 X 1,5 DER.	22/1:10
2528	001.330.4835	MB 180	90 m.m.	20 X 1,5 DER	20/1:10
2529	631.330.0435	MB 180	90 m.m.	20 X 1,5 IZQ.	20/1:10
2530	631.320.0028	MB 180 (PIVÔ)			22/1:10

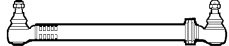

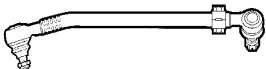
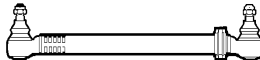
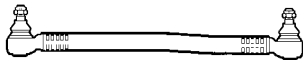
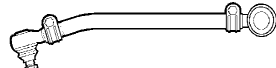

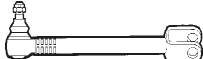
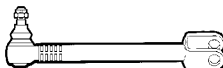

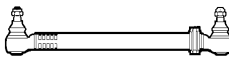


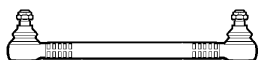
LINE - LINHA MERCEDES BENZ

TERMINALES DE DIRECCION - TIE ROD ENDS

PH	Nº ORIG.	DESCRIPCION	L.	ROSCA M.	C / K
2536	901.460.0148	MB 310-12 SPRINTER	80 m.m.	16 x 1,5 int. D.	20/1:10
2537	901.333.0727	MB 310-12 SPRINTER PIVOT			26/1:10
2552	345.240.7121	OH 1314-14-16-18-20/ 0 370-1-3-4-O 400 DE TIRANTE	90 m.m.	24 X 1,5 DER.	INT. 22
2553	345.240.7021	OH 1314-14-16-18-20/ 0 370-1-3-4-O 400 DE TIRANTE	90 m.m.	24 X 1,5 IZQ.	INT. 22
2557	901.460.0255	MB 310 - 312 (AXIAL)	410m.m.	16 x 1,5 DER.	
2558	000.268.4689	TIRANTE DEL CAMBIO	56 m.m.	12 X 1,75 DER.	10 x 1,5
2559	000.268.4789	TIRANTE DEL CAMBIO	56 m.m.	12 X 1,75 IZQ.	10 x 1,5
2560	000.268.5289	TIRANTE DEL CAMBIO	85 m.m.	14 X 1,5 DER.	12/1:10
2563	000.330.4035	O-370 - 1 - 3 - 4 / O-400	150 m.m.	35 X 1,5 DER.	26/1:10
2564	000.330.4135	O-370 - 1 - 3 - 4 / O-400	150 m.m.	35 X 1,5 IZQ.	26/1:10
2565	001.460.7248	PARA BARRA ORIGINAL OHL =2680-B e 2681	120 m.m.	32 X 1,5 DER..	30/1:10

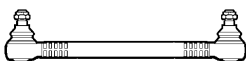
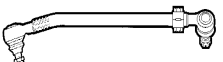

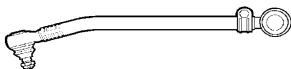
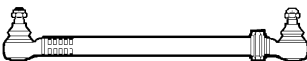
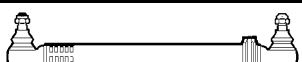
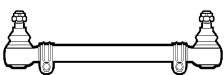
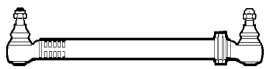
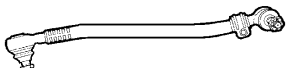



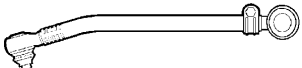

LINE - LINHA MERCEDES BENZ

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
2601	308.460.7005	L/LO 608 D L 608 E	493 m.m.	 2501
2602	344.460.8005	L/LK 1111-1113-1116 (Freio Hidráulico)	680 m.m.	 2501
2607	345.460.7505	L/LK/LS 1313-1314-1316 (Freio Hidráulico)	678 m.m.	 2516
2608	344.460.7605	O-352 H/HL /O-355 /O-362 /O-364 /O-365	750 m.m.	 2514
2609	344.460.7405	O-352 H/HL /O-355 /O-362 /O-364 /O-365	1160 m.m.	 2514
2610	345.460.9605	L/LS 1313-14-16 LK 1513-14-16-18 (Freno a Aire)	672 m.m.	 2514
2611	344.460.8305	LPO 113 (Freno Hidráulico)	855 m.m.	 2506
2613	345.320.7389	1214-18 /LS 1313 / 1414-18 /L 1620-22-33	260 m.m.	 2506
2614	345.320.7189	1714-18-21 /OF 1313-14-15-18-20 /OH 1313-14-15	310 m.m.	 2506
2615	345.320.7289	L 2013-14-16 /L /LK/LB2213-14-16-17-19-20-25	330 m.m.	 2506
2617	344.460.9105	LPO 1113-344 /LPO 1113	580 m.m.	 2506
2619	345.460.8005	OF 1115 /OF 1313-14-15 1618-20 /OH 1313-14-15	832 m.m.	 2514
2621	345.460.8205	OF 1313-15 /OF 1317-18-18E-20	845 m.m.	 2514
2622	345.460.7405	OF 1313-14-18E-20 /OH 1419-20 /OH 1517-18-20	650 m.m.	 2514

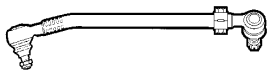

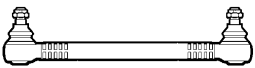

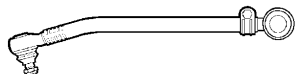
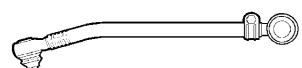

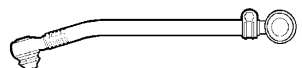




LINE - LINHA MERCEDES BENZ

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
2624	344.460.9505	LPO 1113-14 /OF 1115 /OF 1217	545 m.m.	 2506
2625	688.460.0505	709 / 710 - L/LO 812-814 D	458 m.m.	 2506
2626	688.460.7405	L 710 D - 712 / 912 -914 -1114 / L 913 D	458 m.m.	 2506
2627	388.460.7605	L 1929 - L/LS 1935 - 38 - 41 - 45 (3/94)	780 m.m.	 2524
2629	364.460.7205	O-370 / 371 / 374 / 400	1002 m.m.	 2514
2630	364.460.7305	O-370 / 371 / 374 / 400	915 m.m.	 2514
2631	631.330.0703	MB 180 D	300 m.m.	 2528 2529
2632	631.330.0603	MB 180 D	670 m.m.	 2527
2635	344.460.9605	LPO 1113-14 /OF 1115 - OF 1217	857 m.m.	 2514
2636	386.320.7089	B/ESTAB. 1938 ELETRONICO	490 m.m.	
2637	693.460.0005 693.460.0905	1938 ELETRONICO.	880 m.m.	 2524
2640	345.460.7305	OH 1313-16 /OH 1419-20 /OH 1517	838 m.m.	 2514
2642	384 460 9205	L/LK 1414 - 18E / L 1620 -22 L LK 1514 - 18 / L LK 1615 / L 1720 L 1614 -18 -21- 25- LK 1614 /L LS 1630 /L LS 1633 L 2314 - 18 / L 2418 /LB 2318 / LK 2418	775 m.m.	 2514
2643	688 460 8605	MICRO L 914	530 m.m.	 2516


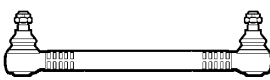
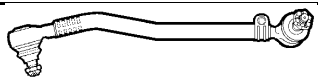

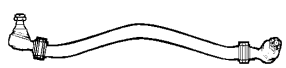
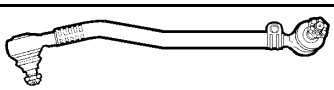








LINE - LINHA MERCEDES BENZ

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
2644	345.460.7505	L/LK/LS 1313-1314-1316 (Freio Hidráulico)	678 m.m.	 2516
2645	345.460.0405	OH 1313-16 (Freio Hidráulico)	855 m.m.	 2516
2648	345.460.0605	OH 1313-14-16 (Freio a Ar)	655 m.m.	
2658	682.460.3205	1414/1418-1414K/1418K	879 m.m.	 2514
2659	682.460.9805	1714/15/18/21 - 1714K/1718K/17212/22S	859 m.m.	 2514
2660	682.460.7705	L/LK 1414-18/1414-18K/1714-15-18-21/1721-22S	815 m.m.	 2514
2661	688.460.8105	LO 809/LO 813/OF 812/ 912 / 914	515 m.m.	 2506
2663	384.460.9305	LA/LAK 1313-1314	735 m.m.	 2514
2664	388.460.8105	L/LS 1941- L/LS 1945	776 m.m.	 2524
2665	364.460.7405	O 370/1 motor OM 355/O 400 motor OM 366	945,5 m.m.	 2514
2666	384.460.7389	97 Em diante 1414K /1418K /1714 /1718K /1721 / L 2418 OF 1315 - 1317- 1318 E - 1320 /OF 1620 - 1621 OH 1315 - 1318 - 1418 - 1420	310 m.m.	
2667	384.460.7589	97 Em diante L LK 1414 /L LK 1418 E / L 1620 / L LK 1622 L LK 1614/ L 1621/L LS 1625 /L LS 1630 /L LS 1633 L LK 1615 / L 1718 - 20 - 25 / LK 1418	260 m.m.	

LINE - LINHA MERCEDES BENZ

BARRAS DE DIRECCION - DRAG LINKS

PH	N° ORIG.	DESCRIPCION	L.	FIGURA
2669	384.460.6905	OF 1618 / OF 1621	706 m.m.	
2672	382.460.8805	OH 1420 - OH 1451	1100 m.m.	
2674	695.460.7005	L / LK 1218 R - L 1418 - L / LK 1620	880 m.m.	 2524
2675	386.320.7189	L / LK 1218 R - L 1418 - L / LK 1620 / L 2314-18	330 m.m.	
2676	688.460.8305	712 C/ LO 914 (FRONTAL) elec.	930 m.m.	 2516
2677		1214 -1218 -1414 -1418 -1714 -1718 (FRONTAL)	977 m.m.	 2524
2678	384.320.7989	OF 1417 E	380 m.m.	
2680A	384.460.4005	Ate 2001 p/OHL1625/30/35-OF1721	1240 m.m.	 2524
2680B	384.460.0205	Apos 2001 p/ OHL 1625/30/35-OF1721	1240 m.m.	 2565
2681	382.460.8405	OHL 1625 - 1630 - 1636	1240 m.m.	 2565
2682	382.323.7116	Tirante da B/ estab.OHL 1635 Derecho	285 m.m.	
2683	382.323.7016	Tirante da B/ estab.OHL 1635 Izquierdo	285 m.m.	
2684	382 323 7916	Tirante da B/ estab.OF 1721 Derecho	410 m.m.	
2685	382 323 8016	Tirante da B/ estab.OF 1721 Izquierdo	410 m.m.	

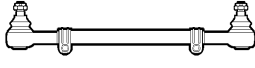
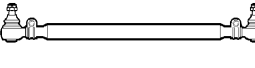
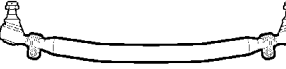
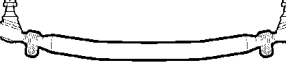
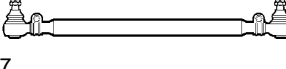
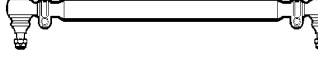
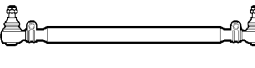
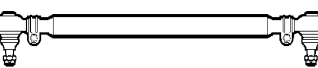
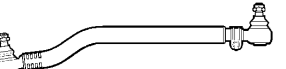


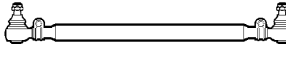
LINE - LINEA MERCEDES BENZ

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
2684E	382 323 7916	Tirante da B/ estab.OF 1721 Derecho	410 m.m	
2685E	382 323 8016	Tirante da B/ estab.OF 1721 Izquierdo	410 m.m	
2686	634 323 0116	Tirante da B/ estab.O-500 Derecho , Delantero	375 m.m	
2687	634 323 0216	Tirante da B/ estab.O-500 Izquierdo, Delantero	375 m.m	
2688	634 326 0016	Tirante da B/ estab.'O-500 Derecho , Trasero	300 m.m	
2689	634 326 0116	Tirante da B/ estab.O-500 Izquierdo , Trasero	300 m.m	
2690	628 3200089	Tirante da B/ estab.'O-500 U - Derecho	260 mm	
2691	628 320 0289	Tirante da B/ estab.O-500 U - Izquierdo	260 mm	

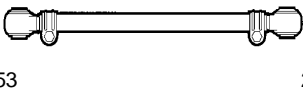
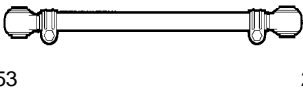
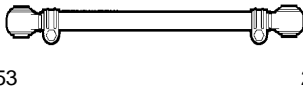
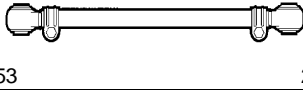
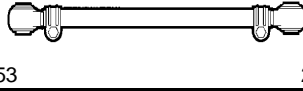
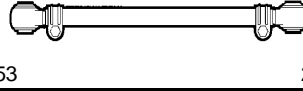
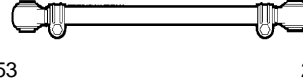
LINE - LINEA MERCEDES BENZ

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
2701	308.330.7003	L 608 D/ L 608 E	1476 m.m.	 2503 2502
2702	327.330.0003	L /LS 1111/1113	1648 m.m.	 2505 2504
2703	345.330.7203	L/LK/LS 1313 /1513-2013-2213 /OF 1313 (F. Hid.)	1648 m.m.	 2507 2506
2705	364.330.7403	O-352 H/HL /O-355 /O-362 /O-364 /O-365	1600 m.m.	 2515 2514
2706	344.330.7003	OC 1214/OF 1214	1648 m.m.	 2507 2506
2708	345.330.7803	1414- 18/ 1714 /1715 / 1718 / 1721/1721 / 1722 L LS 1313 /L LS 1314 /LS 1316 /L LK 1317 -18 -19 L LK 1414 / L LK 1418 / L 1620 - 22 /LS 1622 L LS 1614 - 18 - 21 - 25 - 30 - 33 /LS 1625 L 2013 - 14 / L LK 2220 / L 2225 / L 2314 -18 OF 1215 / OF 1313 -14 -15 -17 -18 / OF 1618 - 20 OH 1517 -18- 20 -22 -26 /OHL 1316-20 / OHL 1420 OH 1313 -14 -15 --16G -18 -19 -20 /OH 1418-19-20	1611 m.m.	 2515 2514
2713	688.330.0103	L/LO 812-814 D-L 710 D/L 913 D	1594 m.m.	 2505 2504
2714	350.330.7103	L/LS 1935-1938-1941-1945	1620 m.m.	 2525 2524
2715	631.460.0705	MB 180 D	1230 m.m.	 2526
2717	345.330.7303	LA 1418	1620 m.m.	 2514 2515
2721	302.330.0903	O 370 / 371 E O400	1635 m.m.	 2563 2564
2723	382 330 0203	O 500 U	1713 mm	 2525 2524





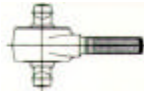








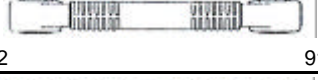
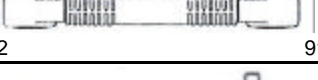



LINE - LINEA MERCEDES BENZ

BARRA TENSORA DE MOTOR - STABILIZER ARMS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
2800		O-371	233 m.m.	 2553 2552
2801	364.240.7825	O-371- O-400	271 m.m.	 2553 2552
2802	664.240.7125	O-371- O-400	380 m.m.	 2553 2552
2803	664.240.7025	O-371 - O-374 - O-400	425 m.m.	 2553 2552
2804	345.240.7425	OH 1314-18-1418	801 m.m.	 2553 2552
2805	364.240.7725	O-370 - O-371 - O-400	560 m.m.	 2553 2552
2806	345.240.7425	O-370 - O-371 - O-400	710 m.m.	 2553 2552

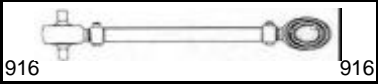
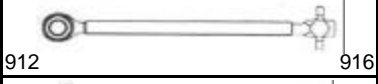






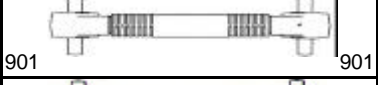

LINE - LINEA MERCEDES BENZ

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS


PH	DESCRIPCION	No. ORIG.	DIMEN.	FIGURA
901	REPARO PD-F19 P/ BARRA TENSORA		85 m.m.	
902	REP.EXT. TENS. CONICO	345.320.0661	85 m.m.	
903	TERMINAL TENS. CONICO		M40 X 1,5 Es.	
904	TERMINAL TENS. DOBLE OJAL		M40 X 1,5 Dir.	
905	TERMINAL TENS. DOBLE OJAL		M40 X 1,5 Es.	
906	TERMINAL TENS. CONICO		M40 X 1,5 Dir.	
911	BUCHA DO TENSOR O-371/ O-370(SUBST.)	317 333 1164	88,0 m.m.	
912	BUCHA DO TENSOR O-400	000 332 0450	91,5 m.m.	
914	OHL 1635- PINO DUPLO DO TENSOR	000 320 0444	71 m.m.	
915	OHL 1635- BUCHA DO TENSOR	000 320 0445	71 m.m.	
916	REPARO PD-F16 P/ BARRA TENSORA	000 320 0011	85 mm	
920	BT-FIXA/91 P/ O400 (ST-INF2)	664 330 7411	585 m.m.	
921	BT-FIXA/91 P/ O400 (ST-SUP2)	664 330 7211	724 m.m.	
922	BT-FIXA/91 P/ O400 (SD-INF2)(SD-SUP1)	664 330 7311	774 m.m.	
923	BT-FIXA/91 P/ O400 (SD-SUP1)	664 330 7111	880 m.m.	
924	BT-FIXA/91 P/ O400 UP (ST-SUP2)	664 330 7711	695 m.m.	
925	BT-FIXA/70 P/ OHL 1635 (SD-INF2)	382 330 7311	600 m.m.	
928	O500 U / TENSOR -fijo 85/75 (SD)	A357 333 0101	806 m.m.	

LINE - LINEA MERCEDES BENZ

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

PH	DESCRIPCION	No. ORIG.	L.	FIGURA
931	O500 U-R-M / TENSOR reg.dupla (ST)	A634 350 0706	588 mm	
932	O500 R-M / TENSOR (SD)	A634 330 0107	883 mm	
933	O500 R-M / TENSOR -fixo (SD)	A634 330 0411	777 mm	
934	O500 R-M / TENSOR reg.dupla (SD)	A634 330 0211	777 mm	
935	BT P/ O400 (ST)		675 mm	
936	BT P/ OH 1315-1316 G-1316 -1319-1320-1419 OHL 1316 - 1320 - 1420 (SD)	390 330 7111	880 mm	
937	BT P/ OH 1315-1316 G-1316 -1319-1320-1419 OHL 1316 - 1320 - 1420 (SD)	390 330 7011	880 mm	
938	BT P/ OH 1315-1316 G-1316 -1319-1320-1419 OHL 1316 - 1320 - 1420 (ST)	390 330 7211	669 mm	
939	BT P/ OH 1315-1316 G-1316 -1319-1320 -1419 OHL 1316 - 1320 - 1420	390 330 7311	1035 mm	
940	BT P/ OH 1419 - OHL 1420 (ST)	390 330 7411	1035 mm	

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

PH	DESCRIPCION	No. ORIG.	DIMEN.	FIGURA
950	REPARO-PD- P/ L 2013 A 2213 A 1981	345.320.0537	80 mm	
951	REPARO-PS- P/ L 2013 A 2213 A 1981	345.320.0536	80 mm	
952	REPARO PD-FURO 19mm-DE 1982 A 1989	345.320.7285	85 mm	
954	REPARO PD-FURO 21mm- DE 1990.....	001.330.7635	85 mm	
955	BARRA R. SUP. -L2013/2219-DE1982 A1989	345 350 7206	595 mm	
956	BARRA R. INF. - L2013/2219- A 1981	345 350 7306	595 mm	
957	BARRA R. P/ L2018 A 2318-DE 1989....	345 320 7489	595 mm	



CATALOGO DE PRODUTOS

PARA O MERCADO DE

REPOSIÇÃO DA LINHA

SCANIA (Caminhões e Ônibus)





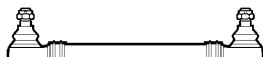


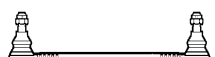

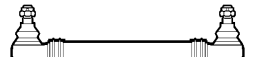

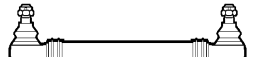


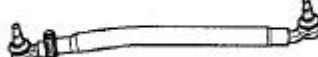
LINE - LINEA SCANIA

TERMINALES DE DIRECCION - TIE ROD ENDS

PH	Nº ORIG.	DESCRIPCION	L.	ROSCA M.	C / K
3501	350270 243664	TERMINAL DE CAMBIO BR 116/T-S-R-LK- 112	90 m.m.	14 X 1,5 DER.	12/1:10
3502	283784 1358793	T-E-H-M-F-K-L-112 / F-K-L-113 /94-114-124-164	120 m.m.	30 X 1,5 DER.	30/1:10
3503	283783 1358792	T-E-H-M-F-K-L-112 / F-K-L-113 /94-114-124-164	120 m.m.	30 X 1,5 IZQ..	30/1:10
3504	310980 539413	F-K-TL-S-112	168 m.m.	52 X 1,5 DER.	30/1:10
3505	310979 539412	F-K-TL-S-112	168 m.m.	52 X 1,5 IZQ.	30/1:10
3506		F-K-TL-S-112	120 m.m.	30 X 1,5 DER.	30/1:10
3507		F-K-TL-S-112	120 m.m.	30 X 1,5 IZQ..	30/1:10
3508	1680347	TER. - CIL. DE 2do EJE DELANTERO			26/1:10
3509	527056	TERMINAL DE LA CAJA DE CAMBIO	55 m.m.	12 X 1,75 DER.	10 X 1,5
3510	527055	TERMINAL DE LA CAJA DE CAMBIO	55 m.m.	12 X 1,75 IZQ.	10 X 1,5
3511	305320	TERMINAL DE LA CAJA DE CAMBIO	45 m.m.	12 X 1,75 DER.	10 X 1,5
3512	305319	TERMINAL DE LA CAJA DE CAMBIO	45 m.m.	12 X 1,75 IZQ.	10 X 1,5
3513	1357674	K 124	120 m.m.	30 X 1,5 DER.	30/1:10
3514		K 124	120 m.m.	30 X 1,5 IZQ.	30/1:10
3515	307443	PIVOT DE LA PUERTA - R112 / 112H		8 X 1,5	16/1:10
3516	305317	T. DO CAMBIO R 112 / R 142 Terminal 3511-3512	162,5 m.m.		
3517	523741	T. DO CAMBIO R 112 / R 142 Terminal 3509-3510	163 m.m.		
3518		T. DE CAMBIO T 112 / T 112 E / T 112 H T 112 M / T 142 / T 142 E Terminal 3511-3512	241 m.m.		
3519	526028	T. DE LA CAMBIO T 112 / T 112 E / T 112 H T 112 M / T 142 / T 142 E Terminal 3509-3510	275 m.m.		
3520	327637	TIRANTE DO CÂMBIO K 112 Terminal 3511-3512	275,5 m.m.		
3521	526028	T. DE CAMBIO K 112 /T 112 /T 112E /T 112H / T 112M / T 142 /T 142E Terminal 3509-3510	278 m.m.		
3522	417549	TIRANTE DE CAMBIO K 112 Terminal 3511-3512	315 m.m.		
3523	523715	T. DO CÂMBIO 112TL / F112 / S112 Term.3509-3510	315 m.m.		

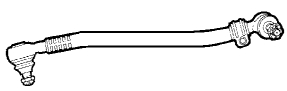
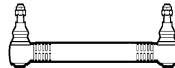



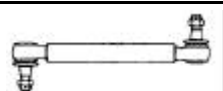





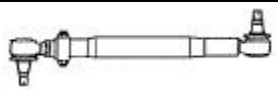
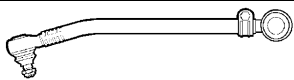


LINE - LINEA SCANIA

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
3601	300308 306913 382774	T - E - H - M 112 / 142 E	573 m.m.	 3502
3602	306981	T - E - H - M 112 / 142 E	941.5 m.m.	 3502
3603	415400	K 112 / S 112	1015 m.m.	 3502
3604	539321	K 112	1883 m.m.	 3502
3605	539340	K 112 / S 112	853 m.m.	 3502 3503
3606	409166	S 112	970.2 m.m.	 3502
3607	278665	R 112 / 112 H / 112 M / S	941.5 m.m.	 3502
3608	416159	K 112 B/ ESTAB.	210 m.m.	
3609	432697	F 112/ F113	1406.7 m.m.	 3502
3610	524362	K 112	830 m.m.	 3502 3503
3611	1675330	LS 113	911 m.m.	 3502 3503
3612	1675825	ÔNIBUS K - SUSP M.	931 m.m.	 3502 3503
3613	421573	K 113	1123 m.m.	 3502 3503
3614	525541	K 112	1060 m.m.	 3502
3615	1369919	P 93 / R 113 / R 143	925 m.m.	 3502


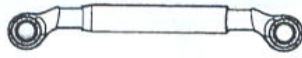



LINE- LINEA SCANIA

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
3616	1675849	K 112 / K 113	1960 m.m.	 3502
3617	445626	K 113	130 m.m.	
3619	1681027	K 113 D. EIXO DIANT. 8 X 2	744 m.m.	 3502
3620	1680360	K 113 D. EIXO DIANT. 8 X 2	1493.5 m.m.	 3502
3621	466881	K 113 / L 113 DE 1995 EM DIANTE	1105 m.m.	 3502
3622	483527	K 124 (Tirante Estab. EIXO.diant.)	285 m.m.	
3623	1384025	LINHA 4 94 / 114	1059 m.m.	 3502
3624	481217	L94 / K 124 / I 124	1256.5 m.m.	 3502
3626	1680245	K 113	654 m.m.	 3502
3627	1680244	K 113	656 m.m.	 3502
3628	409166	S 112	970.2 m.m.	 3502
3629	475463	K 124 EB 6x2 ,LI, LHD	870 m.m.	 3502
3630		R 143	849 m.m.	 3502
3631	493061	94 H	936 m.m.	
3632	486317	94 H	758 m.m.	 3502

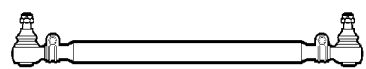
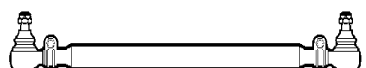

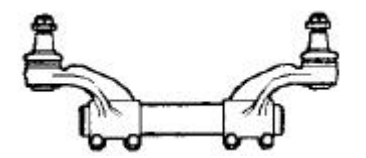
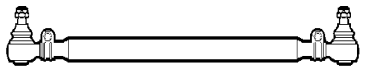
LINE - LINEA SCANIA

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
3633	1681036	F-113 URBANO	1380 m.m.	 3502
3634	488834	K 124 EB 6x2 ,LI, LHD	538 m.m.	
3635	1433532-475459	K 124 EB 6x2 ,LI, LHD	635 m.m.	 3502
3636	1433533-475460	K 124 EB 6x2 ,LI, LHD	635 m.m.	 3502
3637	1428193-488739	L 94 UB	1042 m.m.	 3502


LINE - LINEA SCANIA

BARRAS DE DIRECCION - DRAG LINKS



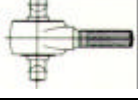

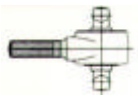
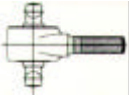
PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
3701	301639		1736 m.m.	 3502 3503
	311847	T - E - M - H - 112 / 142 E		
	395350	F- K - TL - S 112		
3702	1677089	F - 113 (M.DISCO)	1773 m.m.	 3502 3503
3703	1395614	K 124 / I 124	1730 m.m.	 3513 3514
3704	319359	K 112 / S 112 / K 113 / S 113	1773 m.m.	 3504 3505
3706	1378435	94 / 94 H / 114 / 124 / 164	1743 m.m.	 3502 3503

LINE - LINEA SCANIA

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS


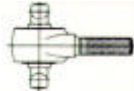



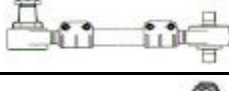
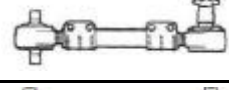
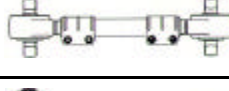
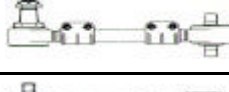


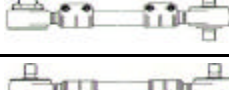





No PH	DESCRIPCION	No. ORIG.	L.	FIGURA
3801	REP. PERNO DOBLE-85	1953248	85 m.m.	
3802	REP. PERNO SIMPLE=85	1953245	85 m.m.	
3807	REP. PERNO CILINDRICO	1953247	85 m.m.	
3808	REP. PERNO SIMPLE - AHUJERO PASANTE	1953246	85 m.m.	
3809	REP. PERNO DEL VERTICE - ANTIGUO	638870	95 m.m	
3810	REP. PERNO DEL VERTICE - NUEVO	638938	95 m.m.	
3811	REP. PERNO DOBLE-75	1953249	75 m.m.	
3828	REP. PERNO DOBLE- K 113	1958009	67 m.m.	
3829	REP. PERNO DOBLE- K 124	550 800	67 m.m.	

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

No PH	DESCRIPCION	No. ORIG.	DIMEN.	FIGURA
3803	TERMINAL P/ TENS. C/ P.SIMPLES - 85	638 680	40 X 1,5 IZQ	
3804	TERMINAL P/ TENS. C/ P. DOBLE -85	1953250	40 X 1,5 DER	
3805	TERMINAL P/ TENS. C/ P. DOBLE -85	1953251	40 X 1,5 IZQ	
3806	TERMINAL P/ TENS. C/ P. SIMPLE -85	532759	40 X 1,5 DER	
3812	TERMINAL P/ TENS. C/ P. CILINDRIC. -85	532567	40 X 1,5 DER.	
3813	TERMINAL P/ TENS. C/ P. CILINDRIC.-85	532755	40 X 1,5 IZQ.	

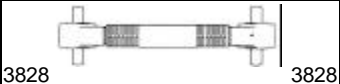
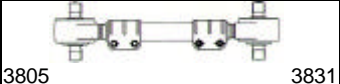
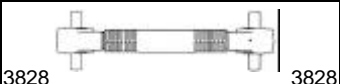


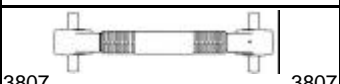
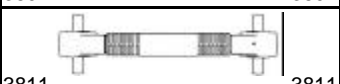
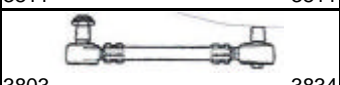
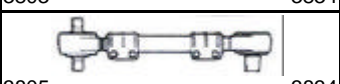
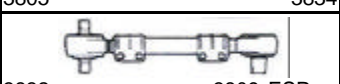
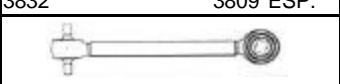





LINE - LINEA SCANIA

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

No PH	DESCRIPCION	No. ORIG.	L.	FIGURA
3831	TERMINAL P/ TENS.C/P. DOBLE -85	fora de linha	38 X 1,5 DER.	
3832	TERMINAL P/ TENS.C/P. DOBLE -85	1953394	38 X 1,5 IZQ.	
3833	TERMINAL P/ TENS. PS-AHUJ.- 85	1953349	38 X 1,5 DER.	
3834	TERMINAL P/ TENS. PS-AHUJ.- 85	638869	40 X 1,5 DER.	
3814	B.R.-RD P/ BR 115	64092 /531991	990 mm	 3813 3812
3815	B.R.-RD P/ BR 115 /116	64094 /531993	797 mm	 3806 3813
3816	B.R.-RD P/ BR 115 /116	64095 /531994	803 mm	 3813 3806
3817	B.R.-RD P/ BR 115 /116	64096 /531995	736 mm	 3813 3812
3818	B.R.-RD P/ BR 110 /111	64097 /531996	725 mm	 3803 3812
3819	B.R.-R. SIMPLES P/ BR 110 /111	64098 /531997	803 mm	 3807 3806
3820	B.R.-R. SIMPLES P/ BR 110 /111	64099 /531998	800 mm	 3802 3806
3821	BR-RD/85 - P/ K 112 / 113 (si1)	409 639	750 mm	 3803 3804
3822	B.R.-RD P/ L 113	409 640	650 m.m.	 3805 3804
3823	BR- FIJA / 75 P/ K 113 TL (st-inf2)	461 092	521.5 mm	 3811 3811
3824	BR- FIJA / 75 P/ K 113 TL (st-sup2)	461 093	623 m.m.	 3811 3811
3825	B. ANGULAR -NUEVA P/ K113CL	418027/038	827.5/601.6 mm	 3810 3801
3826	B. ANGULAR - ANTIGUA	416524	827.5/601.6 mm	 3809 3801







LINE - LINEA SCANIA

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS


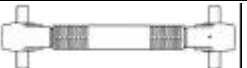

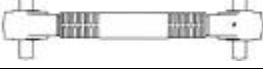
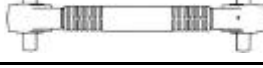
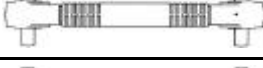
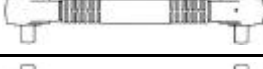
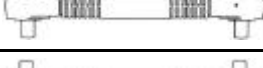
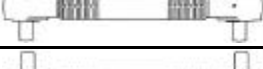

No PH	DESCRIPCION	No. ORIG.	L.	I FIGURA
3827	BR-FIJA 67-P/ K /L113 DE01/95..(sd3)	463 435	750 m.m.	
3830	BR-RD -85 P/ K/L 113 DE01/95..(st2)	445 599	650 mm	
3835	BR-FIJA 67-P/ K /L113 DE01/95..(sd2)	463 436	750 mm	
3836	B.R. FIJA - 75 mm P/ L 113		652 mm	
3837	B.FIJA 85-P/ K/L 113 DE01/95...(st2)	466 801	650 mm	
3838	B.R. FIJA - 85 mm P/ BR115 /116	64093 /531992	990 mm	
3839	BR- FIJA /75 - P/ K 112/113 (si1)	414 531	750 mm	
3840	BR-RD-85 P/ K 112/113 (st2)	416800/416527	725 mm	
3841	B.R.-RD P/ K 112	539 177 525 372	600 mm	
3842	BR-RD 85 P/ K 112/113 (st2)	424 315 / 316	667 mm	
3846	B.R. FIJA - 75 mm P/ L 94	143 1710	600 mm	
3847	B.R. FIJA - 67 mm P/ K 124 - L 94	143 1469	654.5 mm	
3848	B.R. FIJA - 75 mm P/ L 94	143 1472	637 mm	
3857	B.R. FIJA - 85 mm P / F / K / S 112 - F / K / L / LS 113	489 989	650 mm	
3858	B.R. FIJA - 85 mm P / F / K / S 112 - F / K / L / LS 113	489 987	650 mm	
3859	B.R. FIJA - P / 94U / 124	143 1470	750 mm	

LINE - LINEA SCANIA

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

PH	DESCRIPCION	No. ORIG.	L.	FIGURA
3811	REP. P.D.-75 P/ 94 /114 / 124	550 806	75 m.m.	
3829	REP. PINO DUPLO- P94/114/ 124	550 800	67 m.m.	
3870	BUJE PERNO DOBLE-17 - HASTA.... 1996	524910	F. 17 m.m.	
3871	BUJE P/ P 94 /114- DESDE 1996	136 8681	F. 50 m.m.	
3872	BUJE P. DOBLE 19- P/ P 94 / 114-DESPUES 96	136 8682	F. 19 m.m.	
3873	BUJE P. D. P/ P94 / 114 / 164-DE 1996..	138.6753 148 5763	91,5 m.m.	

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

No PH	DESCRIPCION	No. ORIG.	L.	FIGURA
3844	B.R. FIJA - 75 mm P/ P 94 / 114 / 124	136 7281	522.5 mm	 3811 3811
3845	B.R. FIJA - 75 mm P/ P 94 / 114 / 124	139 9180	568.5 mm	 3811 3811
3849	B.R. FIJA - 67 mm - (ST-INF.=4) P / P 94 /114 /124 -R 124/164 -T 124	(era 148 5758) 148 6757	568 mm	 3829 3829
3850	B.R. FIJA - 91,5 mm - (ST-INF.=4) P / P 94 /114 /124 -R 124/164 -T 124	(era 148 5760) 149 9478	616 mm	 3873 3873
3851	B.R. FIJA - 91,5 mm - (ST-SUP.= 2) P / P 94 /114 /124 -R 124/164 -T 124	150 0572	568 mm	 3873 3873
3852	B.R. FIJA - 67 mm - (ST-SUP.=2) P / P 94 /114 /124 -R 124/164 -T 124	(era 148 5753) 148 6758	522 mm	 3829 3829
3853	B.R. FIJA - 67 mm (ST-INF.=4) P / P 94 /114 /164	142 8347	568 mm	 3829 3829
3854	B.R. FIJA - 91,5 mm - (ST-INF.=4) P / P 94 /114 /124 -R 124/164 -T 124	139 9019	616 mm	 3873 3873
3855	B.R. FIJA - 91,5 mm - (ST-SUP.=2) P / P 94 /114 /124 -R 124/164 -T 124	(era 138 6558) 150 0572	568 mm	 3873 3873
3856	B.R. FIJA - 67mm - (ST-SUP.=2) P / P 94 /114 /164	142 8349	522 mm	 3829 3829



CATALOGO DE PRODUTOS

PARA O MERCADO DE

REPOSIÇÃO DA LINHA

VOLKSWAGEN (Caminhões e Ônibus)


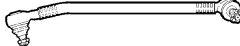

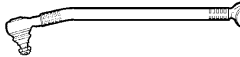

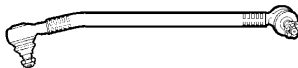

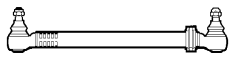
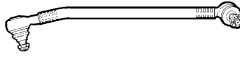
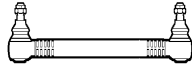
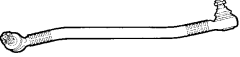

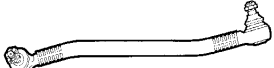

LINE - LINEA VOLKSWAGEN

TERMINALES DE DIRECCION - TIE ROD ENDS

PH	N ORIG.	DESCRIPCION	L.	ROSCA	C / K
5501	T11.711.551	TERMINAL VW DE CAMBIO	90 m.m.	14 X 1,5 DER.	14 m.m.
5502	T06.415.712	TERM. VW 6-80 / 6-90 / 7-90 / 7-110	105 m.m.	28 X 1,5 DER.	22 / 1:8
5503	T06.415.711	TERM. VW 6-80 / 6-90 / 7-90 / 7-110	105 m.m.	28 X 1,5 IZQ.	22 / 1:8
5504	T16.415.712.A 85HU-3290 A	TERM. 12-140 / 14-150 / 14.200 / 14.220 15.160 / 16-170 / 16-210 / 16-220 17-220 / 17-300 / 26-260 / 35-300	120 m.m.	1" 1/8 12U DER.	28 / 1:8
5505	T16.415.711	TERM. 12-140 / 14-150 / 14.200 / 14.220 15.160 / 16-170 / 16-210 / 16-220 17-220 / 17-300 / 26-260 / 35-300	120 m.m.	1" 1/8 12U IZQ.	28 / 1:8
5506	T13.415.712	TERM. 11-130 / 12-140 / 13-130 / 13-210 14-140 / 15-210 / 22-160 / 22-210	120 m.m.	30 X 1,5 DER.	28 / 1:8
5507	T13.415.711	TERM. 11-130 / 12-140 / 13-130 / 13-210 14-140 / 15-210 / 22-160 / 22-210	120 m.m.	30 X 1,5 IZQ.	28 / 1:8
5508	T16.415.712.B	TERM. 16-170 / 16-210 / 16-220	120 m.m.	30 X 1,5 DER.	30/1:10
5509		Terminal para PH 5605 (regulable doble)	120 m.m.	30 X 1,5 DER.	30,8 / 1:8
5510	2Z0-415.711	TERMINAL P/B. LARGA ONIBUS 17-240 OT	168 m.m.	52 X 1,5 DER.	28 / 1:8
5511	2Z0-415.712	TERMINAL P/B. LARGA ONIBUS 17-240 OT	168 m.m.	52 X 1,5 IZQ..	28 / 1:8

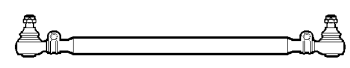
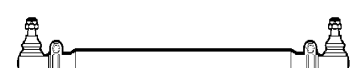
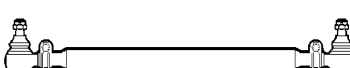
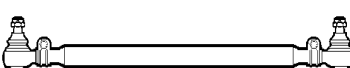
LINE - LINEA VOLKSWAGEN

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
5600	T06.415.701.B	6-80 / 6-90 / 7-90	813 m.m.	 5502
5601	T07.415.701	7-90 / 7-110 (d. Hid.)	785 m.m.	
5602	TH7.415.701	7-90 / 7-110 (d. Mec.)	834 m.m.	 5502
5603	TAP.415.701	7-100 / 8-140	830 m.m.	
5604	T13.415.701.A	11-130 / 12-140 / 13-130 / 13-210 / 14-140 / 15-210	927,6 m.m.	 5506
5605	E5HT-3304-YA	12-140 / 14-150 / 14-220	945 m.m.	
5606	T15.415.701.C	16-210	893,6 m.m.	 5508
5607	TAR.417.701.A	Onibus COF 16.180 / 16.210 / 17.210 OD	769.7 m.m.	 5504
5608	TAR.417.701	Onibus COF 16.180 / 16.210 / 17.210 OD	853.7 m.m.	
5609	TNS.511.441	Onibus COF 16.180 / 16.210 / 17.210 OD	231 m.m.	
5610	2RF.415.701	ONIBUS 7-100 / 8-140 / 9-150 OD	835 m.m.	
5611	TMJ-417701	24-220 / 24-250	945 m.m.	
5612	2Z0-422803	ONIBUS 17-240 OT - 18-310 OT	920 m.m.	
5613	2TA.415701	ONIBUS	824 m.m.	

LINE - LINEA VOLKSWAGEN

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
5700	T06.415.801.B	6-80 / 6-90 / 7-90	1449 m.m.	 5503 5502
5701	T13.415.801	11-130 / 12-140 / 13-130 / 14-140	1538 m.m.	 5506 5507
5702	TEG.415.801	12-140	1645 m.m.	 5504 5505
5703	87HU-3280-BA	14-150 / 14-200 / 14-220 16-170 / 16-210 / 16-220	1694 m.m.	 5504 5505

LINE - LINEA VOLKSWAGEN

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

No PH	DESCRIPCION	No. ORIG.	L.	FIGURA
5801	REP. P. VERTICE-BARRA ANGULAR	2RR / 598321	95 m.m.	
5802	REP. P.DUPLO-85 - P/B.5820 E 5821	2RR / 512398/A	85 m.m.	
5803	REP. P/ BARRA: 2TO-505.469		70,7 m.m.	
5810	TERMINAL DIR. P/ TENS. C/ P. DOBLE	2RR / 511836	40 X 1,5 DER	
5811	TERMINAL ESQ. P/ TENS. C/ P. DOBLE	2RR / 511835	40 X 1,5 IZQ	
5820	BARRA DE REACCION ANGULAR P/ 26-300 / 26-310 / 24-220 / 24-250	2RR-512391-A 2TO 511441	521/592 mm	
5821	B.R.-RD/85 P/ 26-300 / 310 / 24-220 / 250	2RR-512391-B 2TO511441 / A	577 mm	
5822	BARRA PANHARD - P / 18-130 OT /17-240 OT	2TB-512.391	590 m.m.	
5250	BUJE DE LA EXTRE. VIGA EQUALIZ.-HEND	45-900		
5251	REP.-PD SUSP. HENDRICKSON	44695-5	71 m.m.	



CATALOGO DE PRODUCTOS

PARA O MERCADO DE

REPOSIÇÃO DA LINHA

VOLVO (Caminhões e Ônibus)

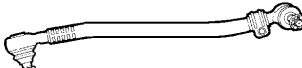
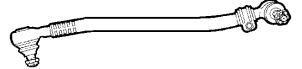
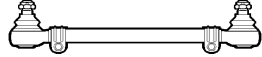
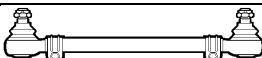

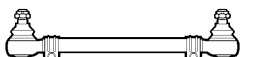
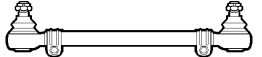
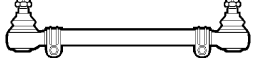



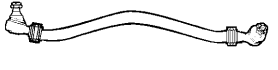
LINE - LINEA VOLVO

TERMINALES DE DIRECCION - TIE ROD ENDS

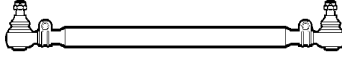

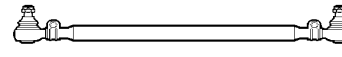
PH	Nº ORIG.	DESCRIPCION	L.	ROSCA M.	C / K
4501		N10 / N12 / NL10 / NL12 pal. de câmbio	102 m.m.	24 X 1,5 DER.	16/1:10
4502	6882111 6889482	B 58 - N10 / N12 / NL10 / NL12	120 m.m.	30 X 1,5 DER.	30,8 /1:8
4503	6882112 6889481	B 58	120 m.m.	30 X 1,5 IZQ.	30,8 /1:8
4504	6884002 6889479	N10 / N12 / NL10 / NL12	120 m.m.	30 X 1,5 DER.	28,6/1:6
4505	6884001 6889478	N10 / N12 / NL10 / NL12	120 m.m.	30 X 1,5 IZQ.	28,6/1:6
4506	6882152 6889484	B 58 - B 10 M	168 m.m.	52 x 1,5 DER.	28,6/1:6
4507	6882151 6889483	B 58 - B 10 M	168 m.m.	52 x 1,5 IZQ.	28,6/1:6
4508	6889480	B 58 - B 10 M	120 m.m.	30 X 1,5 DER.	30,8 /1:8
4509	305319	TERMINAL DA CAIXA DE CÂMBIO	45 m.m.	12 X 1,75 DER.	10 X 1,5
4510	305320	TERMINAL DA CAIXA DE CÂMBIO	45 m.m.	12 X 1,75 IZQ.	10 X 1,5
4511	1 527 234	Terminal Pal. Do cambio	95 m.m.	28 x 1,5 DER.	16/1:10
4512		Para barra 4613	120 m.m.	30 X 1,5 DER.	31,3/1:6
4513		Para barra 4613 (Regulable Dupla)	120 m.m.	30 X 1,5 IZQ.	31,3/1:6

LINE - LINEA VOLVO

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
4601	6884006 6884510 8126381	N10 / N12 / NL10 / NL12	758 m.m.	 4502
4602	6888372 6888485 8126384	N10 / N12 / NL10 / NL12 (07/ 92)	738 m.m.	 4502
4603	8133156 8195670	Ônibus .Bi.Articulado B 58	650 m.m.	 4502 4503
4604	6882038 8195671	B 58	850 m.m.	 4502 4503
4605	1195818 8365829 8195672	B 10 M	1099 m.m.	 4502
4606	1614195	B 10 M	1660 m.m.	 4504 4505
4607	1620525	B 10 M	1620 m.m.	 4504 4505
4608	1613147	B 10 M	1723 m.m.	 4504 4505
4609	6882089 8195675	B 58	1132 m.m.	 4502
4611	20393186	FH 12 / NH 380-12 Globetroter / FM12	861 m.m.	 4504
4612	3986637	NH 12 / NH 380-12 Globetroter	759 m.m.	 4504
4613	2043 8125		1005 m.m.	 4512

BARRAS DE DIRECCION - DRAG LINKS




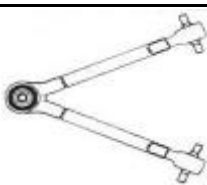



PH	Nº ORIG.	DESCR	COMPRIM.	FIGURA
4701	6884000 8126380	N10 / N12 / NL10 / NL12	1592 m.m.	 4504 4505
4702	6882234 6882748 8195674	B 58	1390 m.m.	 4502
4703	3986450	NH 380-12 Globetroter / FM 12	1645 m.m.	 4504 4505

LINE - LINEA VOLVO

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

No PH	DESCRIPCIÓN	No. ORIG.	COMPRIM	FIGURA
4801	BUCHA P/ BARRA REACCIÓN	113 5080	91.5 m.m.	
4802	REPARO PINO 4 FUROS P/ TENSOR	159 8588	91.5 m.m.	
4803	REPARO PINO CILINDRICO P/ TENSOR	113 6891	91.5 m.m.	
4804	REPARO P. DUPLO P/ B/ESTAB B-58	119 0030	57,6 m.m.	
4805	BARRA R.- FIXA P/ B 10 M (SD)	119 9801	665 m.m.	 4802 4802
4806	BARRA R.- FIXA P/ B 10 M- C/ BOGIE (ST)	119 9802	510 m.m.	 4802 4802
4807	BARRA R.- FIXA P/ B 10 M (SD)	836 5399	510 m.m.	 4801 4802
4808	BARRA R.- FIXA P/ B 10 M (SD)	836 5398	665 m.m.	 4801 4802
4809	BARRA R.- FIXA P/ B 10 M- C/ BOGIE (ST)	836 5414	665 m.m.	 4803 4802

BARRAS DE REACCION Y REPARACIONES- TORQUE ROD AND KITS REPAIRS

No PH	DESCRIPCION	No. ORIG.	COMPRIM	FIGURA
4810	REP. PERNO DOBLE-85	6889509	85 m.m.	
4811	TERMINAL C/ PERNO DOBLE 4810	688 6533	38 x 1,5 Der.	
4812	TERMINAL C/ PERNO DOBLE 4810	688 6534	38 x 1,5 Izq.	
4813	BARRA DE REACCION ANGULAR P / N 10 / 12 e NL 10 / 12	designe PB subs. 6886777	635,6 mm	 4817 4816 4816
4815	BT-REG.D.- P / N 10 / 12 e NL 10 / 12	688 6531	660 mm	 4812 4811
4816	REPARO PERNO DOBLE-85 p/ B. Ang.	designe PB subs. 6889513	85 m.m.	
4817	REP. P.VERTICE-95 p/ B. Ang.	designe PB subs. 6889512	95 m.m.	



CATALOGO DE PRODUCTOS

PARA O MERCADO DE

REPOSIÇÃO DA LINHA

IVECO



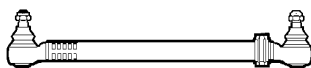
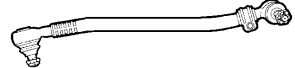
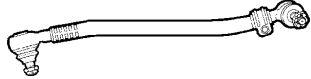
LINE - LINEA IVECO

TERMINALES DE DIRECCION - TIE ROD ENDS

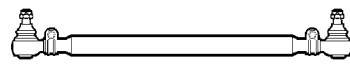
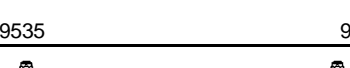
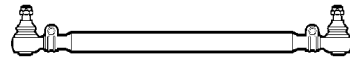
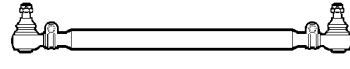
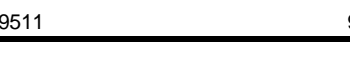
9501		F. 619 N - N1 B/ DIREÇÃO	130 m.m.	38 x 1,5 DER.	31,5/1:8
9504	4514236 4732041	F. 619 N1 BARRA LONGA	168 m.m.	Int. 52 x 1,5 DER.	31,5/1:8
9505	4514235 4732042	F. 619 N1 BARRA LONGA	168 m.m.	Int. 52 x 1,5 IZQ.	31,5/1:8
9506	4664295	F. 619 N BARRA LONGA	130 m.m.	38 x 1,5 IZQ..	31,5/1:8
9507	4663972 4028250	F. 673 BARRA LONGA F. 150 E 150 TURBO B/LONGA	120 m.m.	28 x 1,5 DER.	28,6/1:8
9508	4663974 4028251	F. 673 BARRA LONGA F. 150 E 150 TURBO B/LONGA	120 m.m.	28 x 1,5 IZQ.	28,6/1:8
9511	120.08.24.052. 7138967 4833829	F. EUROCARGO 150 E 18/ 160 E 21 F. EUROTECH 450 E 37 F. EUROTRAKKER 450 E 37	120 m.m.	30 x 1,5 DER.	30/1:10
9512	120.08.24.051. 713.89.66 483.38.30	F. EUROCARGO 150 E 18/ 160 E 21 F. EUROTECH 450 E 37 F. EUROTRAKKER 450 E 37	120 m.m.	30 x 1,5 IZQ.	30/1:10
9513	1903652	TER. DIRECC DAILY até ano 2000	80 m.m.	Int.16 x 1,5 DER.	16/1:10
9514	9380.7545	PIVÔ DE SUSPENSÃO		20 x 1,5 DER.	24/1:10
9515	500.310.933	TER. DA BARRA DE SU TODAS	70 m.m.	Int. 20 x 1,5 DER.	24/1:10
9516	4253.2977	AXIAL DAILY		16 X 1,5 DER.	
9517	9382.7647	TER. DIREC DAILY de 2001 diante	80 m.m.	Int.16 x 1,5 DER.	18/1:10
9536	7145977	F. EUROCARGO 120E15 / 140E18 / 320E18T	115 m.m.	30 x 1,5 DER.	26/1:10
9537	7145978	F. EUROCARGO 120E15 / 140E18 / 320E18T	115 m.m.	30 x 1,5 IZQ.	26/1:10

LINE - LINEA IVECO

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
9600A	4732549	F. IVECO 619 N1	915 m.m.	 9501
	4624116			
	4667156			
9601	4665501	F.IVECO 673	805 m.m.	 9507
9606	7139036	EUROCARGO MOD. 150 E 18/160 E 21	865 m.m.	 9511
9607	7145993	EUROCARGO MOD. 120 E 15/140 E 18 320 E 18 T	905 m.m.	 9536
9608	7139999	EUROTRAKKER MOD. 450 E 37 EUROTECH MOD. 450 E 37	965 m.m.	 9511

BARRAS DE DIRECCION - DRAG LINKS

PH	Nº ORIG.	DESCRIÇÃO	COMPRIM.	FIGURA
9704	7145975	EUROCARGO MOD. 120 E 15/140 E 18 320 E 18 T	1580 m.m.	 9535
				 9536
9705	7138969	EUROCARGO MOD. 150 E 18/160 E 21	1575 m.m.	 9511
9706	7142641	EUROTECH MOD. 450 E 37	1650 m.m.	 9511
				 9512



CATALOGO DE PRODUTOS

PARA O MERCADO DE

REPOSIÇÃO DA LINHA

AGRALE

LINE - LINEA AGRALE

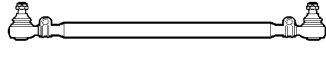
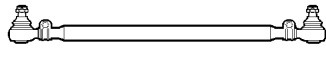
TERMINALES DE DIRECCION - TIE ROD ENDS

PH	Nº. ORIG.	DESCRIPCION	L.	ROSCA	C / K
16501	TX.1600	DINAMIC B/LARGA	90 m.m.	M22 x 1,5 DER.	18,8/1:8
16502	TX.1800	DINAMIC B/LARGA	90 m.m.	M22 x 1,5 IZQ.	18,8/1:8
16503	6006.007.020.00.2	DINAMIC BARRA CURTA	95 m.m.	M24 x 1,5 DER.	18,65/1:8
16504	6006.007.132.00.5	STARK BARRA LARGA	105 m.m.	M28 X 1,5 DER.	22 /1:10
16505	6006.007.133.00.3	STARK BARRA LARGA	105 m.m.	M28 X 1,5 IZQ.	22 /1:10
16506		STARK BARRA CURTA (regulavel)	105 m.m.	M28 X 1,5 DER.	21,3 /1:8
16507		STARK BARRA CURTA (regulavel)	105 m.m.	M28 X 1,5 IZQ.	21,3 /1:8
16508		TER. VARILLAJE DE CAMBIO	45 m.m.	M12 X 1,75 DER.	10 X 1,5
16509		TER. VARILLAJE DE CAMBIO	95 m.m.	M14 X 1,5 DER.	14 m.m.

BARRAS DE DIRECCION - DRAG LINKS


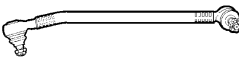
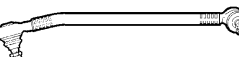
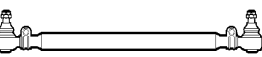
PH	Nº. ORIG.	DESCRIPCION	L.	FIGURA
16601	6006.007.029.00.3	CAMIONES 1600 D e 1800 D	720 m.m.	 16503
16601-1	6006.007.029.00.3	CAMIONES 1600 D e 1800 D (RD)	720 m.m.	 16503 16503
16602	6007.007.016.00.8	DEUTZ AGRALE STARK B/CORTA (reg.)	715 m.m.	 16506 16507
16603	6007.007.331.00.1	CAMIONES 6000-7000-7500-8500	700 m.m.	 16504

BARRAS DE DIRECCION - DRAG LINKS



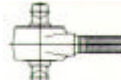


PH	Nº. ORIG.	DESCRIPCION	L.	FIGURA
16701	6005.007.040.00.2	1600 D -1800 D-4500 D (reforma)	1430 m.m.	 16501 16502
16702	6006.007.017.00.8	D. AGRALE STARK B/LARGA	1449 m.m.	 16505 16504

OTRAS LINEAS - OTHER LINES


BARRAS DE DIRECCION P/ MICRO OMNIBUS VOLARE

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
31600	007.007.331.00.	VOLARE A6 - a 2004	700 m.m.	 8502
31601	008.007.716.00.	VOLARE A8 / W8	824 m.m.	
31602		VOLARE A8 / W8	845 m.m.	
31700	006.007.017.00.	BARRA - VOLARE	1640 m.m.	 8503 8502

REP. DE TENSORES Y BARRAS COMPLETAS PARA ONIBUS MAFERSA

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
30801	1953248	REP. PERNO DOBLE-85	85 m.m.	
30804	1953250	TERMINAL P/ TENS. C/ P. DUPLO -85	40 X 1,5 DER	
30805	1953251	TERMINAL P/ TENS. C/ P. DUPLO -85	40 X 1,5 IZQ	
30822	17600610012	BARRA TENSORA REG.- PD.=85 (INF.)	774 m.m.	 3805 3804
30823	17600610013	BARRA TENSORA REG.- PD.=85 (SUP.)	640 m.m.	 3805 3804

REP. DE TENSORES P/ CARRETAS GUERRA

PH	Nº ORIG.	DESCRIPCION	L.	FIGURA
150-G	5.001.002.013.009	PINO MOLECULAR	70,7 m.m.	

REFERENCIA ORIG. - PH

FORD		
REF. ORIG.	PH	PAG.
1C45-3280-BA	15709	4
2UH-415-701	15613	3
2UH-415-801	15705	4
727U-3289-A	15521	2
72TU-3290-A	15522	2
85HU-3289-A	15507	2
85HU-3290-A	15508	2
85TU-3280	15704	4
87HU-3280	15707	4
87TU-3304-AA	15618	3
96HU-3280-AA	15705	4
BF6X-3290-AA	15511	2
BF8T-3A130-A	15517	2
BF8T-3A131-A	15518	2
C353280CA	15708	4
CZTT-3304A	15603	3
D7TZ-3280	15701	4
E5HT-3304	15612	3
E5HT-3280	15706	4
E5HT-5489	15617	3
E5HT-5C486	15611	3
E5HT-7B081-AA	15500	2
EDHZ-3304A	15605	3
T75.415.701	15609	3
T75.415.801	15703	4
XC353304BA	15615	3
XC353304CA	15619	4
SUSP. HENDRICKSON		
2080 05204.7	15801	5
2080 05806.1	15803	5
SUSP. RANDON		
2080 05204.7	15801	5
2080 05806.1	15803	5
2080 05806.6	15802	5
2080 05807.0	15810	5
2080 05204.7	15820	5
2080 05203.9	15821	5

MERCEDES BENZ		
REF ORIG.	PH	PAG.
000.268.4689	2558	10
000.268.4789	2559	10
000.268.5289	2560	10
000.320.0028	2530	9
000.320.0011	916	18
000.320.0444	914	18

MERCEDES BENZ		
REF. ORIG.	PH	PAG.
000.320.0445	915	18
000.330.0128	2530	9
000.330.1235	2504	8
000.330.1335	2505	8
000.330.1435	2506	8
000.330.1535	2507	8
000.330.2635	2502	8
000.330.2735	2503	8
000.330.3035	2507	8
000.330.3135	2516	9
000.330.3235	2514	9
000.330.4035	2563	10
000.330.4135	2564	10
000.330.5035	2501	8
000.330.9335	2504	8
000.330.9735	2504	8
000.330.9835	2505	8
000.330.9935	2504	8
000.332.0450	912	18
000.338.1545	2506	8
000.460.0148	2514	9
000.460.2648	2514	9
000.460.0348	2524	9
000.460.0648	2525	9
000.460.6548	2526	9
000.460.7248	2528	9
000.460.7348	2529	9
000.463.2229	2514	9
001.330.0035	2505	8
001.330.4635	2505	8
001.330.4735	2504	8
001.330.4835	2528	9
001 330 7635	954	19
001 460 7248	2565	10
008.338.0029	2507	8
008.338.0029	2505	8
008.338.0129	2504	8
044.460.0905	2616	11
302.330.0903	2721	16
308.330.1403	2701	16
308.330.7003	2701	16
308.330.7103	2701	16
308.330.7235	2501	8
308.330.7335	2502	8
308.330.7435	2503	8
308.460.7005	2601	11

MERCEDES BENZ		
REF. ORIG.	PH	PAG.
309.460.0105	2601	11
309.330.1203	2701	15
309.330.1403	2701	15
309.460.1205	2601	11
309.460.2905	2601	11
309.460.3105	2601	11
310.330.0435	2501	8
310.330.0835	2501	8
310.330.1335	2501	8
317.333.1164	911	18
327.330.0403	2702	16
327.330.0403	2706	16
344.330.0003	2704	16
344.330.7003	2706	16
344.330.7103	2706	16
344.330.7135	2506	8
344.330.7235	2507	8
344.460.0405	2617	11
344.460.7005	2609	11
344.460.7205	2608	11
344.460.7405	2609	11
344.460.7605	2608	11
344.460.8005	2602	11
344.460.8305	2611	11
344.460.8505	2618	11
344.460.8605	2616	11
344.460.8905	2635	12
344.460.9005	2624	12
344.460.9105	2617	11
344.460.9305	2624	12
344.460.9405	2635	12
344.460.9505	2624	12
344.460.9605	2635	12
345.240.7021	2553	10
345.240.7121	2552	10
345 320 0536	951	19
345 320 0537	950	19
345.320.0661	953	19
345.320.7189	2614	11
345 320 7285	952	19
345.320.7289	2615	11
345.320.7389	2613	11
345.320.7489	957	19
345.320.7689	2615	11
345.330.7003	2703	16
345.330.7048	2504	8

REFERENCIA ORIG. - PH

MERCEDES BENZ		
REF. ORIG.	PH	PAG.
345.330.7103	2705	16
345.330.7135	2514	9
345.330.7203	2703	16
345.330.7235	2515	9
345.330.7335	2514	9
345.330.7435	2515	9
345.330.7403	2708	16
345.330.7503	2708	16
345.330.7730	2708	16
345.330.7803	2708	16
345.338.7145	2504	8
345.350.7206	955	19
345.350.7306	956	19
345.460.0105	2640	12
345.460.0605	2648	13
345.460.0705	2648	13
345.460.1305	2621	11
345.460.7305	2640	12
345.460.7405	2622	11
345.460.7505	2644	13
345.460.7905	2619	11
345.460.8005	2619	11
345.460.8205	2621	11
345.460.8805	2610	11
345.460.9305	2648	13
345.460.9605	2610	11
345.460.8105	2610	11
350.330.7035	2514	9
350.330.7135	2515	9
350.330.7103	2714	16
350.330.7203	2714	16
350.330.7235	2524	9
350.330.7335	2525	9
350.330.7435	2524	9
350.330.7535	2525	9
352.330.0503	2703	16
352.330.0703	2703	16
352.330.1703	2703	16
352.330.2503	2703	16
352.460.3305	2644	13
352.460.3505	2645	13
352.460.3705	2648	13
354.460.3705	2644	13
355.330.0803	2708	16
355.330.1003	2705	16
A357.333.0101	928	18
358.330.0003	2706	16

MERCEDES BENZ		
REF. ORIG.	PH	PAG.
360.320.0289	2615	11
360.460.0105	2630	12
364.240.0125	2806	17
364.240.7625	2806	17
364.240.7725	2805	17
364.240.7825	2801	17
364.330.7335	2514	9
364.330.7103	2705	16
364.330.7135	2514	9
364.330.7303	2705	16
364.330.7403	2705	16
364.460.0205	2629	12
364.460.7205	2629	12
364.460.7305	2630	12
364.460.7405	2665	13
376.330.7003	2703	16
376.460.0105	2610	11
376.460.7405	2646	13
382.323.7916	2684	14
382.323.8016	2685	14
382.323.7016	2683	14
382.323.7116	2682	14
382.330.0203	2723	16
382.330.7311	925	18
382.330.7411	925	18
382.460.8405	2681	14
382.460.8805	2672	14
384.320.7089	2614	11
384.320.7189	2613	11
384.320.7989	2678	14
384.460.4005	2680	14
384.460.6905	2669	14
384.460.7048	2514	9
384.460.7148	2514	9
384.460.7389	2666	13
384.460.7589	2667	13
384.460.8505	2622	11
384.460.9205	2642	12
384.460.9305	2663	13
384.460.9805	2642	12
385.330.0503	2708	16
385.330.0603	2708	16
385.330.1403	2708	16
385.330.1503	2708	16
386.320.7189	2675	14
388.460.7605	2627	12
388.460.7805	2627	12

MERCEDES BENZ		
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388.460.8105	2664	13
390.330.7011	937	19
390.330.7111	936	19
390.330.7211	938	19
390.330.7311	939	19
390.330.7411	940	19
390.460.7005	2628	12
390.460.7305	2671	14
390.460.7405	2673	14
628.320.0089	2690	15
628.320.0289	2691	15
631.320.0028	2530	9
631.320.0228	2530	9
631.330.0703	2631	12
631.330.0310	2526	9
631.330.0435	2529	9
631.330.0535	2527	9
631.330.0603	2632	12
631.330.0510	2528	9
631.338.0310	2526	9
631.460.0705	2715	16
634.323.0116	2686	15
634.323.0216	2687	15
634.326.0016	2688	15
634.326.0116	2689	15
A634.330.0107	932	18
A634.330.0211	934	18
634.330.0203	2721	16
A634.330.0411	933	18
A634.350.0706	931	18
664.240.7025	2803	17
664.240.7125	2802	17
664.330.7111	923	18
664.330.7211	921	18
664.330.7311	922	18
664.330.7411	920	18
664.330.7711	924	18
670.330.0003	2713	16
670.330.0203	2713	16
670.330.0303	2713	16
682.460.3005	2658	13
682.460.3105	2659	13
682.460.3205	2658	13
682.460.8305	2659	13
682.460.9505	2659	13
682.460.9805	2659	13
688.330.0003	2713	16

REFERENCIA ORIG. - PH

MERCEDES BENZ		
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688.330.0103	2713	16
688.330.0035	2505	8
688.330.0135	2504	8
688.460.0305	2625	12
688.460.0505	2625	12
688.460.7048	2506	8
688.460.7405	2626	12
688.460.7905	2626	12
688.460.8105	2661	13
688.460.8305	2676	14
688.460.8605	2643	12
693.460.0005	2637	12
695.460.7005	2674	14
901.333.0727	2537	9
901.333.1127	2537	9
901.460.0148	2536	10
901.460.0205	2557	10
901.460.0255	2557	10
98.308.460.0105	2601	10
98.321.338.0029	2514	9
98.344.330.0403	2705	16
98.344.330.0635	2514	9
98.344.330.1003	2705	16
98.344.460.0105	2616	11
98.344.460.0305	2608	11
98.344.460.0405	2609	11
98.344.460.1705	2611	11
98.345.330.0203	2703	16
98.345.460.0105	2645	13
98.345.460.0205	2644	13
98.345.460.0405	2645	13
98.345.460.0605	2648	13

SCANIA		
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1357674	3513	21
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1368681	3871	29
1368682	3872	29
1369919	3615	22
1378435	3706	25
1384025	3623	23
1386558	3855	29
1386753	3873	29

SCANIA		
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1395614	3703	25
1399019	3854	29
1399180	3845	29
1428193	3637	24
1428347	3853	29
1428349	3856	29
1431469	3847	28
1431470	3859	28
1431472	3848	28
1431710	3846	28
1433532	3635	24
1433533	3636	24
1485763	3873	29
1486757	3849	29
1486758	3852	29
1499474	3851	29
1499478	3850	29
1500572	3851	29
1675330	3611	22
1675825	3612	22
1675849	3616	23
1677089	3702	25
1680244	3627	23
1680245	3626	23
1680347	3508	21
1680360	3620	23
1681027	3619	23
1681781	3633	24
1953245	3802	26
1953246	3808	26
1953247	3807	26
1953248	3801	26
1953249	3811	26
1953250	3804	26
1953251	3805	26
1953349	3833	27
1953394	3832	27
1958009	3828	26
204749	3871	26
243664	3501	21
278665	3607	22
283783	3503	21
283784	3502	21
300308	3601	22
301639	3701	25
305317	3516	21
305319	3512	21

SCANIA		
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305320	3511	21
306913	3601	22
306981	3602	22
307443	3515	21
310979	3505	21
310980	3504	21
311847	3701	25
319359	3704	25
327637	3520	21
349254	3872	26
350270	3501	21
352372	3843	28
382774	3601	22
395009	3507	21
395010	3506	21
395350	3701	25
409166	3606	22
409166	3628	23
409639	3821	27
409640	3822	27
414531	3839	28
415400	3603	22
416159	3608	22
416524	3826	27
416527	3840	28
416800	3840	28
417549	3522	21
418027	3825	27
418038	3825	27
421573	3613	22
424315	3842	28
424316	3842	28
432697	3609	22
445599	3830	28
445626	3617	23
461092	3823	27
461093	3824	27
463435	3827	28
463436	3835	28
466801	3837	28
466881	3621	23
475459	3635	24
475463	3629	23
475460	3636	24
481217	3624	23
483527	3622	23
486317	3632	23

REFERENCIA ORIG. - PH

SCANIA		
REF. ORIG.	PH	PAG.
488834	3634	24
488739	3637	24
489987	3858	28
489989	3857	28
493061	3631	23
522929	3605	22
523715	3523	21
523741	3517	21
524362	3610	22
524910	3870	29
525372	3841	28
525541	3614	22
526028	3519	21
526028	3521	21
526031	3523	21
526032	3523	21
527053	3519	21
527055	3510	21
527056	3509	21
531991	3814	27
531992	3838	28
531993	3815	27
531994	3816	27
531995	3817	27
531996	3818	27
531997	3819	27
531998	3820	27
532567	3812	26
532755	3813	26
532759	3806	26
539177	3841	28
539321	3604	22
539340	3605	22
539409	3704	25
539412	3505	21
539413	3504	21
550800	3829	26
550800	3829	29
550806	3811	29
638680	3803	26
638869	3834	27
638870	3809	26
638938	3810	26
640092	3814	27
640093	3838	28
640094	3815	27
640095	3816	27
640096	3817	27
640097	3818	27
640098	3819	27
640099	3820	27

VOLKSWAGEN		
REF. ORIG.	PH	PAG.
45900	5250	34
44695-5	5251	34
501.969	5506	31
501.97	5507	31
2RF.415.701	5610	32
2RR / 598321	5801	34
2RR / 512398/A	5802	34
2RR / 511836	5810	34
2RR / 511835	5811	34
2RR / 512391-A	5820	34
2TO 511441	5820	34
2RR / 512391-B	5821	34
2TA-415701	5613	32
2TO511441 / A	5821	34
2ZO-422803	5612	32
2ZO.415.711	5510	31
2ZO.415.712	5511	31
85HU-3290-A	5504	31
85HU-3304-B	5605	32
87HU-3280-BA	5703	33
E5HT-3280-KA	5702	33
E5HT-3304-YA	5605	32
T06.415.701.B	5600	32
T06.415.711	5503	31
T06.415.712	5502	31
T06.415.801.B	5700	33
T07.415.701	5601	32
T11.711.551	5501	31
T13.415.701	5604	32
T13.415.701.A	5604	32
T13.415.711	5507	31
T13.415.712	5506	31
T13.415.801	5701	33
T15.415.701.C	5606	32
T15.415.801.B	5703	33
T15.415.810.B	5703	33
T16.415.711.A	5505	31
T16.415.712.A	5504	31
T16.415.712.B	5508	31
TAP.415.701	5603	32
TAR.417.701	5608	32
TAR.417.701.A	5607	32
TEG.415.801	5702	33
TH7.415.701	5602	32
TJG.415.701.B	5605	32
TMJ-417701	5611	32
TNS.511.441	5609	32

VOLVO		
REF. ORIG.	PH	PAG.
1135080	4801	38
1136891	4803	38
1190030	4804	38
1195818	4605	33
1199801	4805	38
1199802	4806	38
1598588	4802	38
1613147	4608	37
1614195	4606	37
162 0525	4607	37
162 6957	4814	34
162 6958	4815	34
3986450	4703	37
3986637	4612	37
6882038	4604	37
6882089	4609	37
6882111	4502	36
6882112	4503	36
6882151	4507	36
6882152	4506	36
6882234	4702	37
6882748	4702	37
6884000	4701	37
6884001	4504	36
6884002	4505	36
6884006	4601	37
6884510	4601	37
6886531	4815	38
6886533	4811	38
6886534	4812	38
6886777	4813	38
6888372	4602	37
6888485	4602	37
6889478	4505	36
6889479	4504	36
6889480	4508	36
6889481	4503	36
6889482	4502	36
6889483	4507	36
6889484	4506	36
6889509	4810	38
8126380	4701	37
8126381	4601	37
8126384	4602	37
8133156	4603	37
8195670	4603	37
8195671	4604	37
8195672	4605	37
8195674	4702	37
819 5675	4609	37
8365398	4808	38

REFERENCIA ORIG. - PH

VOLVO		
REF. ORIG.	PH	PAG.
8365399	4807	38
8365829	4605	37
8365414	4809	38
20392649	4813	34
20393186	4611	37
20438125	4613	37

IVECO		
REF. ORIG.	PH	PAG.
15129	9601	37
1903 652	9513	36
4028 250	9507	36
4028 251	9508	36
4253 2977	9516	36
4510 620	9501	36
4514 235	9505	36
4514 236	9504	36
4624 116	9600	37
4663 972	9507	36
4663 974	9508	36
4664 295	9506	36
4665 501	9601	37
4667 156	9600	37
4732 041	9504	36
4732 042	9505	36
4732 549	9600	37
4833 829	9511	36
4833 830	9512	36
7138 966	9512	36
7138 967	9511	36
7138 969	9705	37
7139 036	9606	37
7139 999	9608	37
7142 641	9706	37
7145 975	9704	37
7145 977	9536	36
7145 978	9537	36
7145 993	9607	37
9380 7545	9514	36
9382 7647	9517	36
500 310 933	9515	36
120 08 24 051	9512	36
120 08 24 052	9511	36

TABLA DE EQUIVALENCIA DE CÓDIGOS Y PESOS

MERCEDES BENZ											
No PH	NAK	TRW	KG	No PH	NAK	TRW	KG	No PH	NAK	TRW	KG
2501	523	TE.1378..R	0,70	2629	5009	BDE.1590	7,20	2705	568	BLE1408	12,00
2502	526	TE.1365..R	0,90	2630	5010		7,00	2706	513	BLE1231	7,35
2503	527	TE.1366..L	0,90	2631			2,10	2707	547		12,00
2504	539-5039	TE..934..R	0,88	2632			3,30	2708	542	BLE1708	12,00
		TE.1698..R		2635	5012		6,20	2709	573		7,30
2505	538-5040	TE..934..L	0,88	2636			4,90	2710	555		12,00
		TE.1697..L		2637			5,70	2711	546		11,00
2506	524-5038	TE..817..R	0,92	2638	552	BDE1590	5,80	2713	5026		7,00
2507	525	TE..818..L	0,92	2639	553		7,20	2714	565		12,80
2512	592		0,70	2640	554		6,30	2715			5,00
2513	593		0,70	2641	576		5,40	2716	5095		12,00
2514	533-5053	TE..951..R	1,50	2642	5033	BDE1779	6,18	2717			13,20
	5054	TE.1425..R				BDE1905		2800	5096		2,00
		TE.1640..R		2643	595		3,90	2801	5029		2,10
2515	580-5055	TE.1140..L	1,50	2644	561	BDE.944	5,40	2802	5065		2,30
		TE.1709..L		2645	507	BDE.881	5,45	2803	5067		2,40
2516	528	TE..882..R	1,40	2646	544	BDE.927	4,90	2804	557		3,20
2524	603	TE.1934..R	1,65	2647	586	BDE1084	4,20	2805	5028		3,00
2525	604	TE.1933..L	1,65	2648	590	BDE1754	5,70	2806	597		3,10
2550	531		0,60	2649	564		6,50	912	5086		1,32
2551	532		0,60	2650	5008		3,35	913	5018		2,58
2552	582		0,60	2651	579		4,25	914	5081		1,60
2553	583		0,60	2652	572		4,90	915	5080		0,90
2557				2653	574		3,35	916	5018		1,00
2558	6548		0,35	2654	577		5,30	950	536E		2,60
2559	6549		0,35	2655	591		6,43	951	537E		2,40
2560	954		0,35	2657	5013		5,84	952	585		2,58
2563		TE..1461..R	1,90	2658	5052	BDE1896	6,80	954	5098		2,58
2654		TE..1462..L	1,90	2659	5051	BDE1895	6,70	920	5073		9,00
2601	515	BLS.1374	2,40	2660	815 m.m.	BDE1854	6,40	921	5075		10,80
2602	511	BDE.1206	4,80	2661	5046		3,85	922	5074		11,00
2604	588		3,25	2662	5034		3,75	923	5076		12,00
2606	560		5,00	2663	5047		6,00	924	5077		10,00
2607	502		5,40	2664	5066	BDE.1947	6,90	925	5079		9,50
2608	520		6,00	2665	5019		7,00				
2609	521	BDE.1203	7,30	2666	5105	BES.3577	1,20				
2610	5003	BDE.1437	5,78	2667	5104	BES.3585	1,1				
2611	522		5,30	2669	5126	BDE.1927	5,7				
2613	509	BES.2825	1,00	2672	5125		7				
2614	510	BES.2820	1,10	2674	5113	695.460.7105	6,9				
2615	508	BES.2810	1,15	2675	5106	BES.3586	1,2				
2616	551	BDE.940	5,40	2676		688.460.8405	6,2				
2617	512	BDE.936	4,30	2677	5124		7,30				
2618	540		4,80	2678	5137		1,35				
2619	581	BDE.1206	6,50	2680	5131		12,4				
2621	596		6,50	2681	5117		12,4				
2622	556	BDE.856	5,70	2682	5102		4,20				
2623	5020	BDE.1826	6,18	2683	5103		4,20				
2624	5011		5,20	2684		BTE 2026	2,50				
2625	5027	BDE.1603	3,75	2685		BTE 2027	2,50				
2626	5032	BDE.1767	3,75	2701	545	BLS.1363	2,60				
2627	5031	BDE.1822	6,45	2702	513	BLE.1231	7,20				
2628	5078		6,20	2703	503	BLE.1051	10,00				

TABLA DE EQUIVALENCIA DE CÓDIGOS Y PESOS

SCANIA							
No PH	NAK	TRW	KG	No PH	NAK	TRW	KG
3501	668		0,35	3631			
3502	603	TE.1934..R	1,65	3632			
3503	604	TE.1933..L	1,65	3633	1681036		
3504	6553		3,65	3634	488834		
3505	6556		3,65	3635	6608		
3506	974		1,65	3636	6607		
3507	975		1,65	3637	1428193		
3508	1680347		1,20	3701	663	BLE1930	13,00
3509	6548		0,35	3702	6565		13,00
3510	6549		0,35	3703	1395614		14,20
3511	672		0,35	3704	6550		16,10
3512	673		0,35	3706	1378435		
3513	1357674		1,70	3801	6514		2,58
3514	exclusivo	Porpora	1,70	3801-M	6514	tipo-Master	2,40
3515	669		0,65	3802	661		2,48
3516	667		0,85	3803	6507		4,57
3517	6535		0,85	3804	6508		4,67
3518	684		0,85	3805	6509		4,67
3519	6547		0,85	3806	676		4,57
3520	689		0,85	3807	662		2,50
3521	6542		0,85	3808	6517		2,20
3522	693		0,85	3809	6518		2,20
3523	6546		0,85	3810	6519		2,80
3601	665	BDE1929	5,85	3811	6521		1,80
3602	691		7,80	3812	674		4,59
3603	694		8,90	3813	675		4,59
3604	697		14,00	3828	6572		1,62
3605	699			3831	6575		4,68
3606	6505		8,70	3832	6513		4,68
3607	664		7,80	3833	6512		4,68
3608	687		1,70	3834	6506		4,68
3609	6545		10,00	3821	686		14,00
3610	6552		7,00	3822	6558		13,00
3611	6561		7,15	3823	6559		10,00
3612	6564		7,20	3824	6560		10,00
3613	6568		7,30	3825	6524		22,00
3614	6567		8,85	3826	6530		22,00
3615	6600		7,80	3827	6570		10,00
3616	6563			3829	6604		13,00
3617	445626	BEE1971	2,20	3835	6571		10,00
3619	6582		7,30	3836	6599		14,00
3620	6581		12,00	3837	6574		13,00
3621	6576		8,90	3838	652		13,00
3622	4843527		2,90	3839	692		13,00
3623	1384025		11,50	3840	6554		14,00
3624	6606		10,90	3841	6555		14,00
3625	6544		5,85	3842	6534		14,00
3626	6578		6,30	3844	6584		12,00
3627	6583		6,30	3845	6585		12,00
3628	6505		8,40	3846	6601		12,00
3629	6605		7,90	3847	6602		10,00
3630	9064		6,90				

VOLVO		
No PH	NAK	KG
4501	892	0,75
4502	894	1,80
4503	895	1,80
4504	860	1,60
4505	861	1,60
4506	859	3,65
4507	858	3,65
4508	893	1,80
4509	672	0,35
4510	673	0,35
4601	863	8,00
4602	874	7,90
4603	890	6,10
4604	852	9,00
4605	884	8,90
4606	886	11,00
4607	887	11,00
4608	899	11,30
4609	851	9,05
4701	854	11,90
4702	864	11,30
4801	883	1,40
4802	881	3,98
4803	882	3,70
4805	865	15,00
4806	866	15,00
4807	878	13,00
4808	879	14,00
4809	880	15,00
4810	872	2,38
4811	870	4,68
4812	871	4,68

TABELA DE EQUIVALÊNCIA DE CÓDIGOS E PÊSOS

VOLKSWAGEN		
No PH	NAK	KG
5501	708	0,35
5502	710	0,92
5503	711	0,92
5504	220	1,60
5505	221	1,60
5506	620	1,60
5507	621	1,60
5508	603	1,65
5600	702	5,30
5601	719	5,40
5602	720	5,35
5603	727	5,35
5604	705	7,50
5605	248	7,10
5606	717	6,90
5607	723	6,20
5608	722	6,60
5609		
5610	747	
5700	703	7,20
5701	704	12,00
5702	217	12,00
5703	237	12,00
5801	733	2,20
5802	6514	2,58
5810	6508	4,67
5811	6509	4,67

FORD		
No PH	NAK	KG
15500	231	0,35
15503	322	0,88
15504	323	0,88
15507	220	1,60
15508	221	1,60
15509	620	1,00
15510	621	2,60
15511	2015	1,00
15516		2,60
11517		2,60
15518		2,60
15519		2,60
15520		2,20
15521	209	0,95
15522	210	0,95
15606		2,60
15608		2,60
15509		6,10
15510		6,30
15611	234	1,90
15612	248	6,30
15613	2013	6,50
15615		7,10
15616		7,10
15617	236	1,90
15618	233	5,50
15701		7,20
15702		7,20
15703		12,00
15704	232	11,00
15705	2014	9,30
15706	217	12,00
15707	237	6,20
15801	733	2,20
15802	6514	2,58
15803	6508	4,67
15810	6509	4,67
5252	44.695-5	1,60