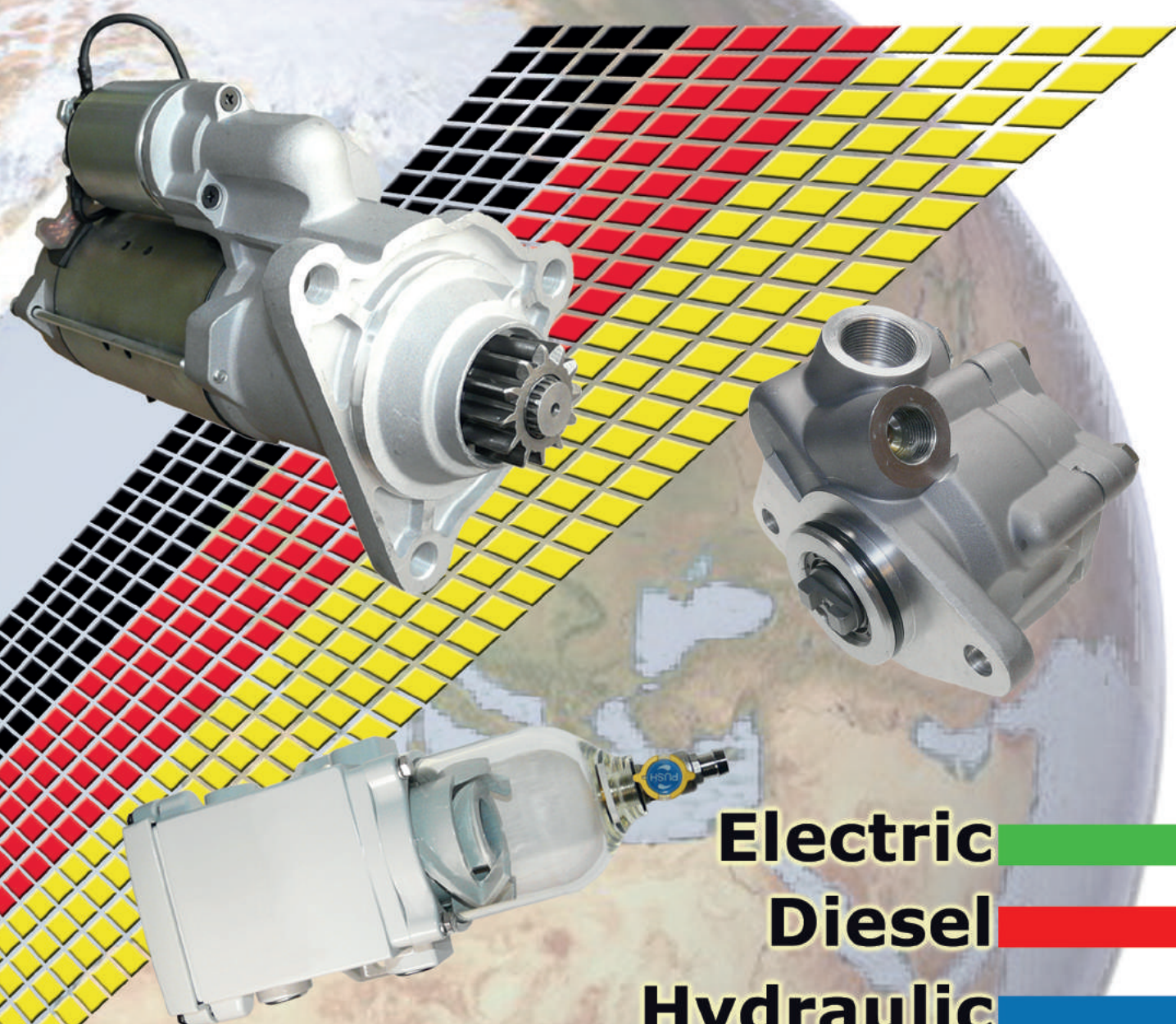


MAN Trucks Spare Parts



Electric

Diesel

Hydraulic

Engine/Rear Axle



Wichtige Hinweise:

Im Geschäftsverkehr, zwischen uns und unseren Kunden gelten für die Dauer der Geschäftsverbindungen, also auch für künftige Aufträge, ausschließlich unsere Allgemeinen Geschäftsbedingungen (AGB). Sie finden die ausführlichen Vertragsbedingungen unter www.portex.de oder auf der letzten Seite im Katalog.

Inhalte und Darstellung der Kataloge (gedruckt, CD und online) sind urheberrechtlich geschützt und Eigentum von Portex. Alle Rechte vorbehalten. Nachdruck – auch auszugsweise – bedarf besonderer Genehmigung.

Mit diesem Katalog verlieren alle vorherigen Kataloge ihre Gültigkeit. Irrtum und Produktänderung vorbehalten.

Teile-Nummern anderer Hersteller sind ausschließlich zu Vergleichszwecken aufgeführt.

Important informations:

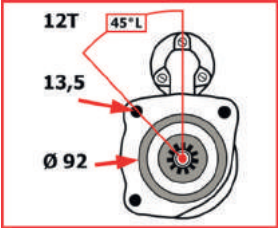
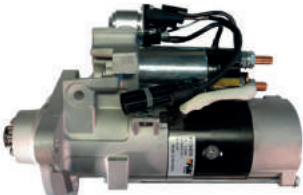
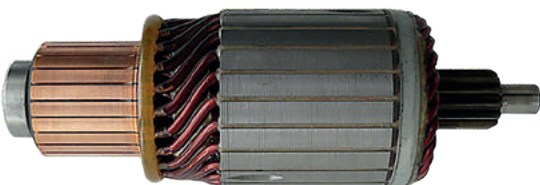
Our General Terms of Sale and Delivery are valid for all business contacts between ourselves and our customers, including future contracts. Please find our detailed terms of the contract below: www.portex.de or on the last page of the catalog.

Contents and representation of catalogues (printed, CD and online) are subject of the copyright of Portex. All rights reserved. This prospectus, or any part thereof, may not be reproduced without our permission.

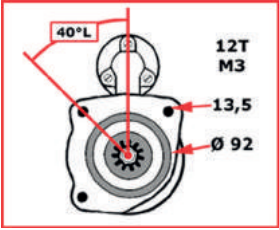
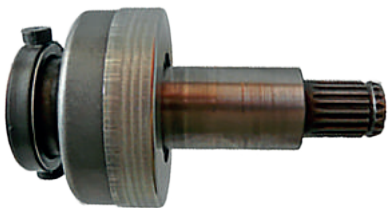
With this catalogue all previous catalogues lose their validity. Mistakes and changes of products reserve.

Part numbers of other manufacturers are only mentioned for comparison purposes.

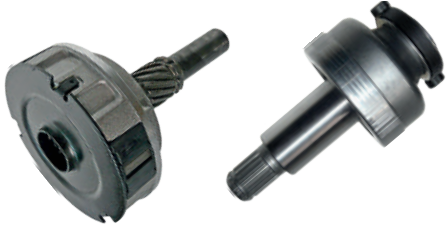
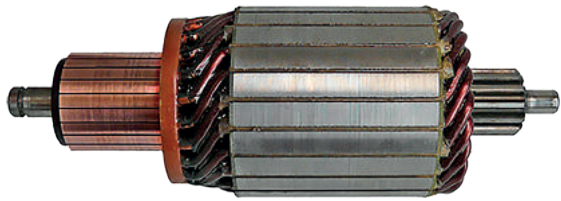
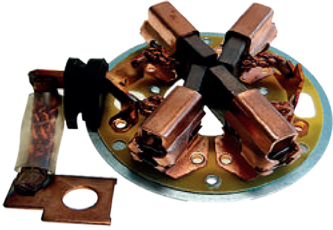
Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
01 5428	M9T61971	24V 5,5KW MITSUBISHI	Anlasser Starter Démarreur Motor de arranque Стартер	D2565 D2566 D2865 D2866 MAN TGA	51 26101 7228 51 26201 7199 51 26201 7220 51 26201 7228 51 26201 7239
		 			
12 2102		24V MITSUBISHI	Einrückrelais Solenoid Contacteur elctrom Solenoid (Relé) Тяговое реле	01 5428	
					
12 5253		24V MITSUBISHI	Startrelais Starter relay Relais de demarrage Rele de arranque Реле стартера	01 5428	
					
12 5020		24V 5,5KW MITSUBISHI	Anker Armature Induit Inducido Якорь	24V 5,5KW 01 5428	
					
12 2002		RI 12T, Ø 47mm MITSUBISHI	Ritzel Pinion Pignon Piñón Ведущая шестерня	01 5428	
					

Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
01 4005	0 001 241 005 0 001 241 021	HEF-95-L 24V 5,5KW	Anlasser Starter Démarreur Motor de arranque Стартер	E2876 D2876 TGA	51 26201 7220 51 26201 7239
					
12 2222	2 339 402 222	24V	Einrückrelais Solenoid switch Contacteur elctrom Solenoid (Relé) Тяговое реле	E2876 D2876 TGA	51 26212 0015
					
12 0732	6 033 AD5 190		Startrelais Starter relay Relais de demarrage Rele de arranque Реле стартера	01 4005	51 26212 0016
					
12 0223	6 033 AD5 078		Freilaufgetriebe Overrunning clutch Lanceur démarreur Engranaje piñón Привод с механизмом свободного хода	01 4005	51 26213 0010
					
82 1881	6 033 AD5 153 6 033 AD5 154	24V	Gehäuse Stator frame Caja Cubierta Корпус статора	01 4005	51 26204 0007
					

Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
10 0824	6 033 AD5 359		Teilesatz Parts set Planetary gear unit Lot de pieces Lote de piezas Ремкомплект	E2876 D2876 TGA	51 26213 0015
82 1883	6 033 AD5 175		Planeten Getriebe Planetary gear Train epicycloidal Engranaje planetario Планетарный механизм	01 4005	
12 2394	6 033 AC5 394	RI 12T M3 	Ritzel Pinion Pignon Piñón Ведущая шестерня	01 4005	51 26209 0009
12 4026	6 033 AD5 025	24V 5,5KW 	Anker Armature Induit Inducido Якорь	01 4005	
82 1963	6 033 AD4 194		Kohlebürstenhalter Carbon brush holder Porte-charbon Portaescobillas Держатель угольных щеток	01 4005	51 26216 0005

Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
80 1431			Kohlebürstensatz Carbon brush set Jeux de charbon Juegos de escobillas Комплект угольных щеток	01 4005	

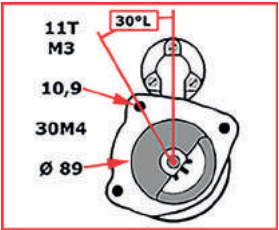
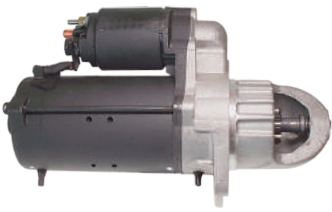
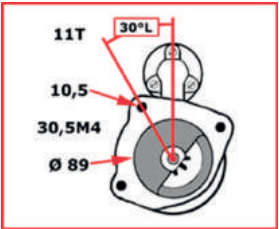
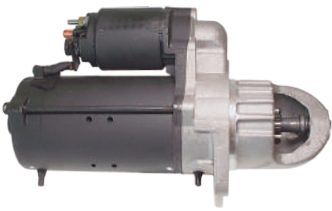
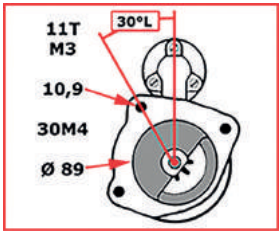
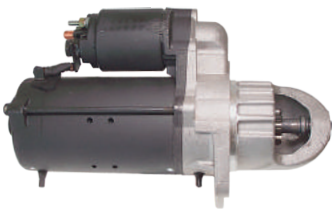
--

--

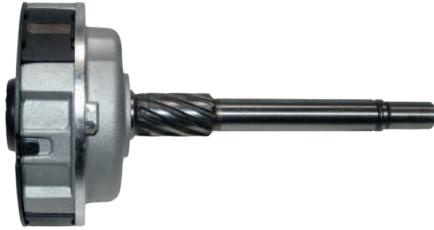
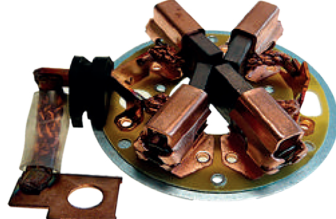
--

--

Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
01 1019	0 001 231 119 0 001 231 019	EV 24V 4,0KW	Anlasser Starter Démarreur Motor de arranque Стартер	D0836 M2000 M2000M M2000L M2000M Evolution M2000L Evolution	51 26201 7183
 					
01 1029	0 001 231 029 0 001 231 008	EV 24V 4,0KW	Anlasser Starter Démarreur Motor de arranque Стартер	D0824 D0826 L2000 M2000	51 26201 7158 51 26201 7212
 					
01 1030	0 001 231 030 0 001 231 007	EV 24V 4,0KW	Anlasser Starter Démarreur Motor de arranque Стартер	D0824 D0826 D0834 D0836 L2000 Evolution M2000 Evolution	51 26201 7157 51 26201 7213
 					
12 2160 12 2182	2 339 402 160 2 339 402 182	24V	Einrückrelais Solenoid Contacteur elctrom Solenoid (Relé) Тяговое реле	EV 01 1019 01 1029 01 1030	51 26212 0009
					
12 0304	6 033 AD0 304		Freilaufgetriebe Overrunning clutch Lanceur démarreur Engranaje piñón Привод с механизмом свободного хода	EV	51 26213 0002
					

Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
82 1846	9 001 336 244		Planeten Getriebe Planetary gear unit Train epicyloidal Engranaje planetario Планетарный редуктор	EV	51 26213 6001
82 1906	6 033 AD4 108		Gehäuse Stator frame Caja Cubierta Корпус статора	EV	51 26204 0008 51 26216 6001
12 4039	6 033 AD4 080		Anker Armature Induit Inducido Якорь	EV	51 26203 0004
10 0860	9 003 337 010		Teilesatz Repair kit Lot de pieces Lote de piezas Ремкомплект	EV	51 26203 6001
82 1963	6 033 AD4 194		Kohlebürstenhalter Carbon brush holder Porte-charbon Portaescobillas Держатель угольных щеток	EV	51 26216 0005

FLAG	Reference	Details	Description	Application	OEM No.
80 1431			Kohlebürstensatz Carbon brush set Jeux de charbon Juegos de escobillas Комплект угольных щеток	EV	

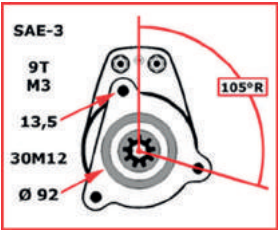
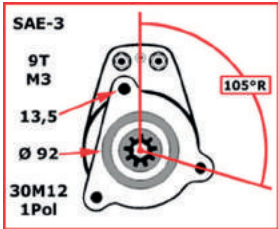
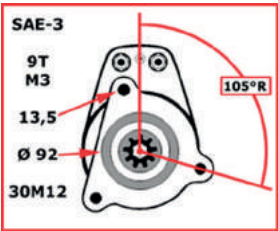
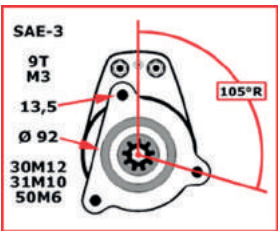
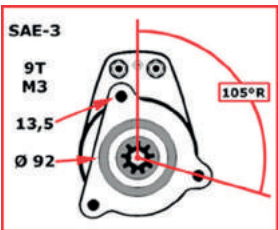
--

--

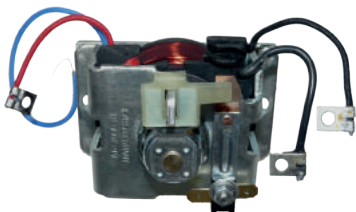
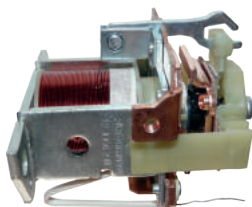
--

--

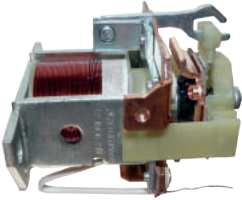
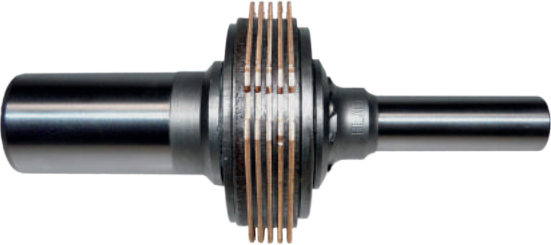
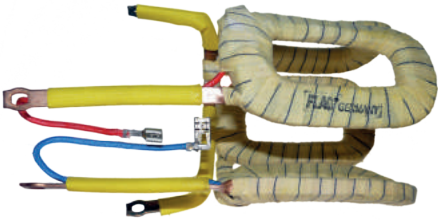
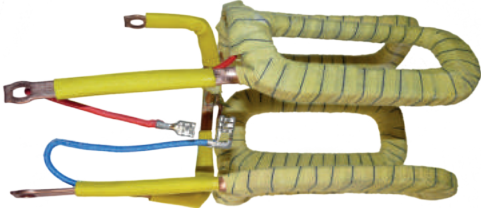
Anlasser, Starter, Démarreur, Motor de Arranque, Стартёр

FLAG	Reference	Details	Description	Application	OEM No.
01 6002	0 001 416 002	24V 5,4KW	Anlasser Starter Démarreur Motor de arranque Стартёр	D2565 D2566 D2865 D2866	51 26201 7092 51 26201 7109 51 26201 7125
		 			
01 6023	0 001 416 023	24V 5,4KW	Anlasser Starter Démarreur Motor de arranque Стартёр	D0826 D0836 D2865 D2866 D2566	51 26201 7127 51 26201 9117
		 			
01 6078	0 001 416 078	24V 5,4KW	Anlasser Starter Démarreur Motor de arranque Стартёр	D0826 D0836 D2865 D2866 D2876 E/G2866 E/G2876 E2000 F2000	51 26201 7159
		 			
01 6079	0 001 416 079	24V 5,4KW	Anlasser Starter Démarreur Motor de arranque Стартёр	D2866 D2876 E2866 E/G2876 TGA 02/06	51 25201 7181 51 26201 7181
		 			
01 7001	0 001 417 001	24V 6,6KW	Anlasser Starter Démarreur Motor de arranque Стартёр	D2865 D2866 D2876 D2530 D2540 D2840	51 26201 7110 52 26201 7123
		 			

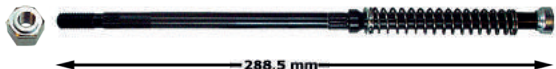
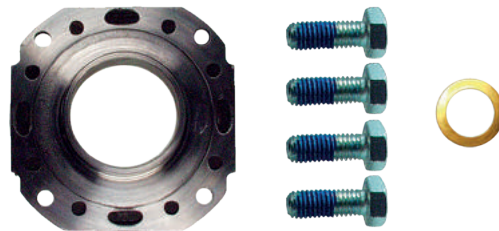
Anlasser, Starter, Démarreur, Motor de Arranque, Стартёр

FLAG	Reference	Details	Description	Application	OEM No.
12 5022	2 004 005 022	24V 5,4KW	Anker Armature Induit Inducido Якорь	KB 5,4KW	81 26203 0002 81 26203 6018
					
12 5023	2 004 005 023	24V 6,6KW	Anker Armature Induit Inducido Якорь	KB 6,6KW	81 26203 6019
					
12 0001	0 331 450 001	24V	Einrückrelais Solenoid switch Contacteur elctrom Solenoid (Relé) Тяговое реле	KB	81 26212 0012
					
12 0002	0 331 450 002	24V 6KW	Einrückrelais Solenoid switch Contacteur elctrom Solenoid (Relé) Тяговое реле	KB 6KW	81 26212 0015
					
12 1005	0 331 101 005	24V	Einrückrelais Solenoid switch Contacteur elctrom Solenoid (Relé) Тяговое реле	KB 24V	81 26212 0014 90 81616 0363
					

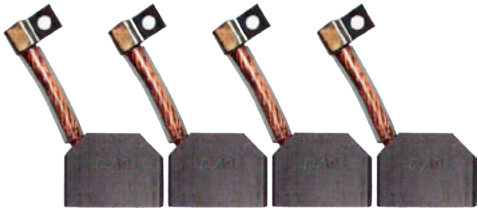
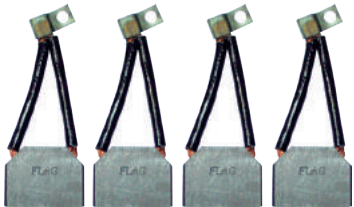
Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
12 1006	0 331 101 006	24V	Einrückrelais Solenoid switch Contacteur elctrom Solenoid (Relé) Тяговое реле	KB	81 26212 0011
					
12 1527	2 006 401 527		Lamellenkupplung Multi-plate-clutch Accouplement Embrague Многодисковое сцепление	KB	81 26225 6003
					
12 5078	2 004 125 078	24V Short	Wicklung Field coil Inducteur Campos Катушка	KB 5,4KW	81 26204 0032
					
12 5038	2 004 125 083	24V Middle	Wicklung Field coil Inducteur Campos Катушка	KB 6,6KW	81 26204 0033
					
12 2020	2 006 382 020	RI 9T M3	Ritzel Pinion Pignon Piñón Ведущая шестерня	KB	81 26209 0015
					

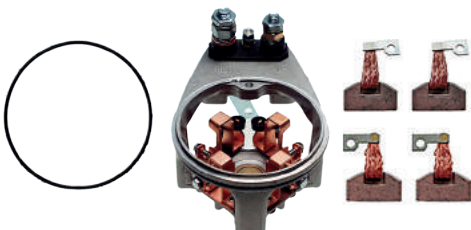
Anlasser, Starter, Démarreur, Motor de Arranque, Стартёр

FLAG	Reference	Details	Description	Application	OEM No.
12 0047	2 007 010 047	Short 288,5mm	Achse Shaft Essieu Eje Вал	KB 5,4KW	81 26203 6017
					
12 0049	2 003 050 040	Middle 308mm	Achse Shaft Essieu Eje Вал	KB 6,6KW	81 26214 0003
					
82 0686	2 005 825 077		Endplatte Intermediate bearing Oburateur Тара Промежуточный подшипник	KB	81 26221 0006
					
80 0458			Reparatursatz Past set for intermedia- te bearing Lot de réparation Juego de piezas Ремкомплект	KB	
					
10 0061			Teilesatz Parts set Lot de pieces Lote de piezas Ремкомплект	KB	81 25921 6040
					

Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
10 0070			Teilesatz Parts set Lot de pieces Lote de piezas Ремкомплект	KB	
10 0079			Teilesatz Parts set Lot de pieces Lote de piezas Ремкомплект	KB	
80 1024	2 007 014 070		Kohlebürstensatz Carbon brush set Jeux de charbon Juegos de escobillas Комплект угольных щеток	KB	81 25921 6051
80 1025	2 007 014 061		Kohlebürstensatz Carbon brush set Jeux de charbon Juegos de escobillas Комплект угольных щеток	KB	81 25921 6040
80 1061	2 007 014 079		Kohlebürstensatz Carbon brush set Jeux de charbon Juegos de escobillas Комплект угольных щеток	KB	81 25921 6058

Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
10 0805	1 987 010 000		Teilesatz Repair kit Lot de pieces Lote de piezas Ремкомплект	KB	
10 0810	10mm		Teilesatz Repair kit Lot de pieces Lote de piezas Ремкомплект	KB	
10 0811	2 007 011 069	12mm 	Teilesatz Repair kit Lot de pieces Lote de piezas Ремкомплект	KB	51 26232 6003
10 0830	2 007 010 010		Teilesatz Repair kit Lot de pieces Lote de piezas Ремкомплект		81 26903 6002
80 1064	2 005 855 166		Lagerschild Carbon brusch holder Flasque côté collecteur Cubre impulsores Держатель угольных щеток	KB	81 26207 6011

Anlasser, Starter, Démarreur, Motor de Arranque, Стартер

FLAG	Reference	Details	Description	Application	OEM No.
80 0336	2 000 301 015/016	OD 48/28mm ID 40/22mm H 10/11,5mm	Reparatursatz Gasket kit Lot de réparation Juego de piezas Ремкомплект	KB	81 93020 0427/ 81 93020 0428 81 97602 0201
					

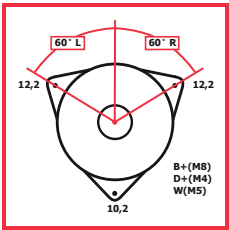
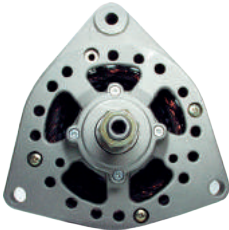
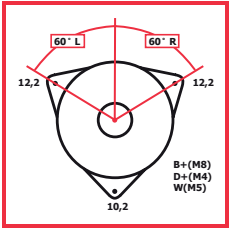
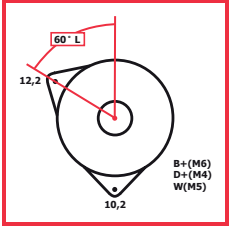
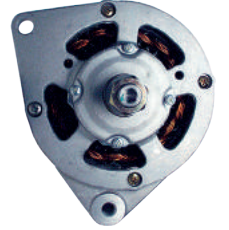
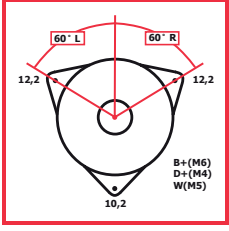
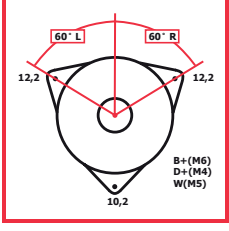
82 0688	2 000 910 005		Rollenlager Needle bearing Paliers á rouleaux Rodiamiento Подшипник	KB	81 26215 6009 90 81690 1125
					

--	--	--	--	--	--

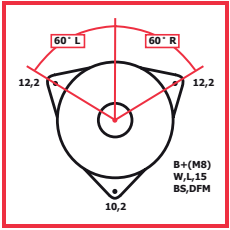
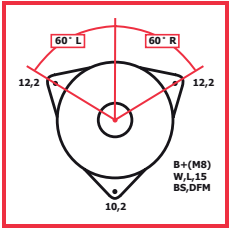
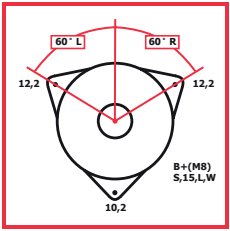
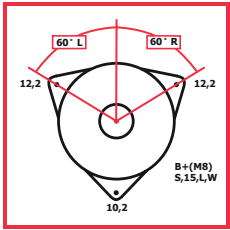
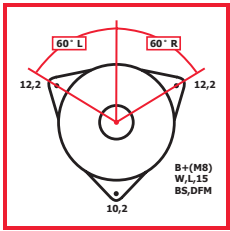
--	--	--	--	--	--

--	--	--	--	--	--

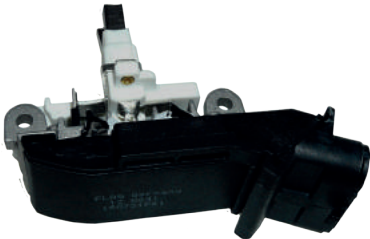
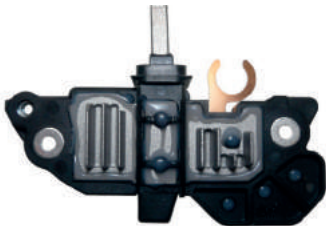
Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
17 0001	0 120 488 277 0 120 488 291	28V 35A	Generator Alternator Alternateur Alternador Генератор	F90 F2000 L2000 D0824 D0826 D2825 D2866 D2876 D2840	51 26101 7214 51 26101 7215
					
17 0007	0 120 469 982	28V 55A	Generator Alternator Alternateur Alternador Генератор	D0824 D0826 D2840 D2842 D2865 D2866 D2876 E2866	51 26101 7201
					
17 0009	0 120 488 271	28V 45A	Generator Alternator Alternateur Alternador Генератор	D0266 D0826 D2566 D2840 D2865 D2866 F90	51 26101 7197
					
17 0044	0 120 468 107	28V 80A	Generator Alternator Alternateur Alternador Генератор	D0824 D0826 D2840 D2842 D2865 D2866 D2876 E2866	51 26101 7192
					
17 0282	0 120 488 282	14V 55A	Generator Alternator Alternateur Alternador Генератор	D0824 D0826 F90	51 26101 7206
					

Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
17 0047	0 124 655 009	28V 40/110A	Generator Alternator Alternateur Alternador Генератор	TGX TGS TGA D0834 D0836 D2066 D2866 D2876	51 26101 7246 51 26101 7270
					
17 0074	0 124 555 014	28V 80A	Generator Alternator Alternateur Alternador Генератор	TGA D2866 D2876	51 26101 7254 51 26101 7269
					
17 0075	0 123 525 501	28V 100A	Generator Alternator Alternateur Alternador Генератор	TGA D0834 D0836 D2866 D2876	51 26101 7232 51 26101 7234 51 26101 7242 51 26101 7247 51 26101 7265
					
17 0090	0 123 525 504	28V 100A	Generator Alternator Alternateur Alternador Генератор	TGA D2866 D2876	51 26101 7239 51 26101 7255 51 26101 7267
					
17 5013	0 124 555 013	28V 80A	Generator Alternator Alternateur Alternador Генератор	TGS TGA D0834 D0836 D2066 D2676	51 26101 7249 51 26101 7271
					

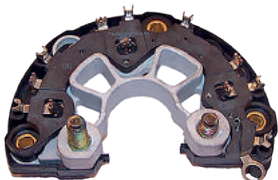
Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
12 0604	1 197 311 301	28V 28mm	Regler Regulator Regulateur Regulador Регулятор	17 0001 17 0007 17 0009 17 0044	81 25601 6014 81 25601 6016 81 25601 6024
					
12 0607	1 197 311 304	28V 28mm	Regler Regulator Regulateur Regulador Регулятор		81 25601 6035
					
12 0617	1 197 311 315	28V	Regler Regulator Regulateur Regulador Регулятор		81 25601 6030
					
12 0641	1 197 311 558	28V	Regler Regulator Regulateur Regulador Регулятор	17 0075 17 0091	81 25601 0025
					
12 0634	F 00M 144 122 F 00M 144 106 F 00M 145 300	28V	Regler Regulator Regulateur Regulador Регулятор	17 0047 17 0074 17 5013	51 25601 0006
					

Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
12 0600	0 192 033 004	28V 3PIN	Regler Regulator Regulateur Regulador Регулятор		30 53501 0001 51 25601 7041 51 25601 7046 81 25601 0014 81 25601 6007
					
12 0601	0 192 033 005	28V 4PIN	Regler Regulator Regulateur Regulador Регулятор		81 25601 0010 81 25601 0011 90 80110 1322
					
87 0001	1 127 011 095		Gleichrichter Rectifier Plaque a diode Placa rectificadora Выпрямитель	17 0035	81 26109 0004
					
87 0002	1 127 320 991		Gleichrichter Rectifier Plaque a diode Placa rectificadora Выпрямитель	17 0001	82 26109 0020
					
87 0007	1 127 320 989		Gleichrichter Rectifier Plaque a diode Placa rectificadora Выпрямитель	17 0007 17 0044	81 26109 0018
					

Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
87 0018	1 127 320 973		Gleichrichter Rectifier Plaque a diode Placa rectificadora Выпрямитель	17 0044	81 26109 0023
87 0028	1 127 319 794		Gleichrichter Rectifier Plaque a diode Placa rectificadora Выпрямитель	17 0075	81 26109 0024
87 0033	F 00M 133 223 F 00M 133 291 F 00M 133 346		Gleichrichter Rectifier Plaque a diode Placa rectificadora Выпрямитель	17 0047	51 26109 0008
87 0034	1 127 319 810		Gleichrichter Rectifier Plaque a diode Placa rectificadora Выпрямитель	17 0090	
87 0044	F 00M 133 339		Gleichrichter Rectifier Plaque a diode Placa rectificadora Выпрямитель	17 5013	

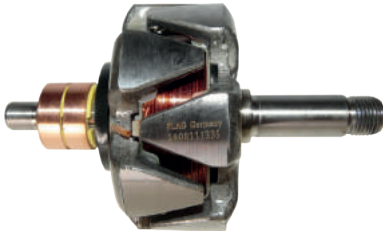
Generator, Alternator, Alternateur, Alternador, Генератор

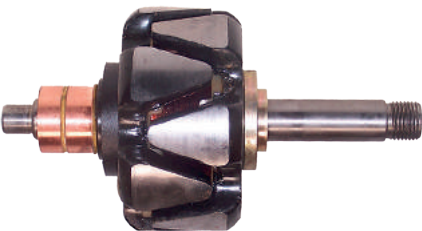
FLAG	Reference	Details	Description	Application	OEM No.
86 0001	1 125 045 056		Stator Stator Stator Estator generador Статор	17 0035	81 26106 6018
86 0009	1 125 045 128		Stator Stator Stator Estator generador Статор	17 0007	81 26106 6021
86 0011	1 125 045 059		Stator Stator Stator Estator generador Статор	17 0001	81 26106 0014 81 26106 6015
86 0021	1 125 045 167		Stator Stator Stator Estator generador Статор	17 0044	81 26106 0030
86 0029	F 00M 130 113		Stator Stator Stator Estator generador Статор	17 0047	51 26106 0006

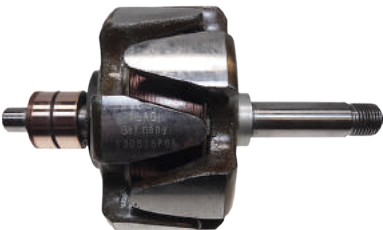
Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
86 0030	1 125 045 652		Stator Stator Stator Estator generador Статор	17 0075 17 0090	81 26106 0031

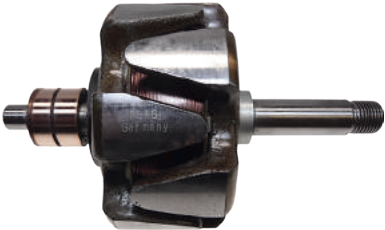
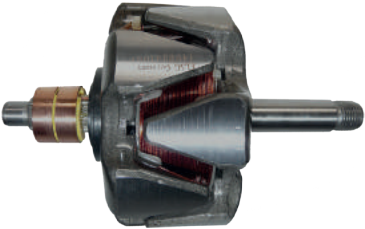
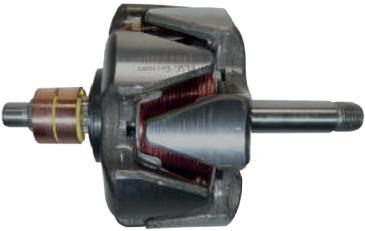
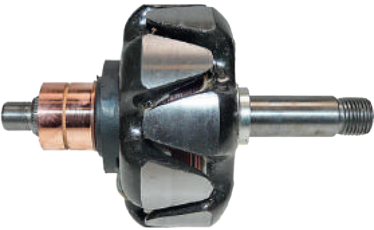
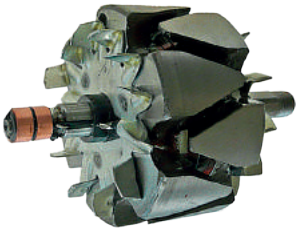
86 0034	F 00M 130 112		Stator Stator Stator Estator generador Статор	17 0074	51 26106 0007
---------	---------------	---	---	---------	---------------

85 0001	1 124 034 777		Rotor Rotor Rotors Rotor Ротор	17 0035	81 26102 0019
---------	---------------	---	--	---------	---------------

85 0004	1 124 034 644		Rotor Rotor Rotors Rotor Ротор	17 0001	81 26102 6034
---------	---------------	---	--	---------	---------------

85 0012	1 124 035 168		Rotor Rotor Rotors Rotor Ротор	17 0012	81 26102 6033
---------	---------------	---	--	---------	---------------

Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
85 0014	1 124 034 645		Rotor Rotor Rotors Rotor Ротор	17 0009	51 26102 0006
85 0064	1 124 035 226		Rotor Rotor Rotors Rotor Ротор		81 26102 0035
85 0032	1 124 035 257		Rotor Rotor Rotors Rotor Ротор	17 0044	
85 0040	F 00M 131 658		Rotor Rotor Rotors Rotor Ротор	17 0047	51 26102 0014
85 0044	1 124 035 547		Rotor Rotor Rotors Rotor Ротор	17 0075 17 0090	51 26102 0012

Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
85 0059	F 00M 131 657		Rotor Rotor Rotors Rotor Ротор	17 0074 17 5013	51 26102 0013
80 0277	1 127 014 017		Kohlebürstensatz Carbon brush set Jeux de charbon Juegos de escobillas Комплект угольных щеток	17 0001 17 0007	81 25921 6043
83 0443	1 120 591 511		Einpassring Fitting ring Anneau Anel Подгоночное кольцо	17 0075 17 0090	
83 0049	1 120 591 060		Einpassring Fitting ring Anneau Anel Подгоночное кольцо	17 0001 17 0007 17 0044	
82 1692	1 120 905 039 1 120 905 074 1 120 905 533	6303-RS 47x17x14 	Kugellager Ball bearing Roulement Rodamiento Подшипник		81 93410 0085

Generator, Alternator, Alternateur, Alternador, Генератор

FLAG	Reference	Details	Description	Application	OEM No.
82 1693	1 120 905 105	62201-2RS 32x12x14	Kugellager Ball bearing Roulement Rodamiento Подшипник	17 0001 17 0007	51 93410 0129
					

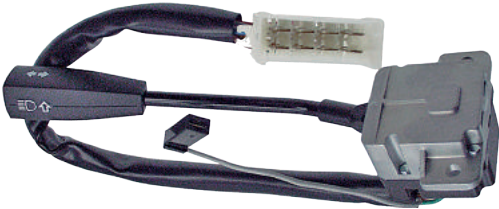
82 1777	1 120 905 103	62304LLUA C3 52x17x21	Kugellager Ball bearing Roulement Rodamiento Подшипник	17 0001 17 0007 17 0044	51 93410 0108
					

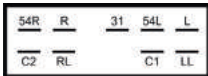
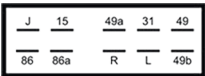
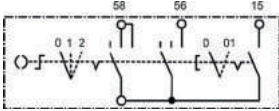
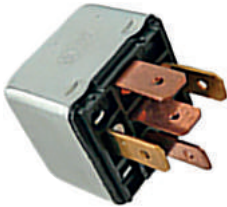
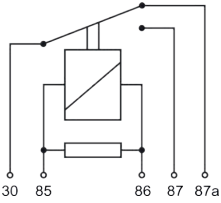
82 1797	1 120 900 010	6403-2RS 62x17x17,5	Kugellager Ball bearing Roulement Rodamiento Подшипник	17 0009	81 93410 0079
					

--	--	--	--	--	--

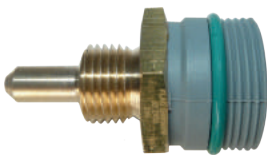
--	--	--	--	--	--

Schalter, Switch, Interrupteur, Interruptores, Выключатель

FLAG	Reference	Details	Description	Application	OEM No.
12 0022	81 25509 0020		Lenkstockschalter Steering column switch Commutateur de colonne de direction Conmutador en la columna de dirección Выключатель на колонке рулевого управления	M90 F90 NL NG NM EL ÜL	81 25509 0012 81 25509 0014
12 0061	81 25509 0093		Lenkstockschalter Steering column switch Commutateur de colonne de direction Conmutador en la columna de dirección Выключатель на колонке рулевого управления	M90 F90 L2000 M2000 F2000 TGA	81 25509 0119 81 25509 0124
12 0036	81 25509 0123		Lenkstockschalter Steering column switch Commutateur de colonne de direction Conmutador en la columna de dirección Выключатель на колонке рулевого управления	TGA TGL TGM TGS TGX	81 25509 0085 81 25509 0118
12 0060			Lenkstockschalter Steering column switch Commutateur de colonne de direction Conmutador en la columna de dirección Выключатель на колонке рулевого управления	MAN	
24 0210			PWM 200Hz Connector 6 PIN PA66 GF30 Pedal Pedal Pédale Pedal Педадь	TGA	

FLAG	Reference	Details	Description	Application	OEM No.
12 0515	81 25311 0005	24V (2+1)X21W 9PIN	Blinkgeber Flasher Unit Boite clignotante Intermittente Прерыватель указателей поворота	F2000	81 25311 0005
					
12 0516	81 25311 0023	24V 10PIN	Blinkgeber Flasher Unit Boite clignotante Intermittente Прерыватель указателей поворота	M90 F90 L2000 M2000 F2000	81 25311 0023
					
12 0028	0 342 106 005		Zündschalter Ignition switch Commutateur Interruptor de encendido Переключатель зажигания		81 25501 6005 90 81613 0129
					
12 0101	0 332 204 206	24V 10A/20A 5PIN	Relais Relay Relais Relés Реле		36 25902 0007 81 25902 0460 81 25902 0474 81 25902 6005 88 25902 6005
					
82 2383	51 27421 0262		Öldruckgeber Oil pressure sensor Pression d'huile capteur Presión de aceite sensor Датчик давления масла		51 27421 0163 51 27421 0262 51 27421 0246
					

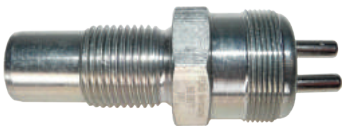
Geber, Sensor, Captuer, Sensore, Датчик

FLAG	Reference	Details	Description	Application	OEM No.
82 2388	81 27421 0097		Öldruckgeber Oilpressure sensor Pression d'huile capteur Presión de aceite sensor Датчик давления масла		81 27421 0097
82 1814	81 27421 0098	3 TERMINALS 0-5 BAR M18x1,5 	Öldruckgeber Oilpressure sensor Pression d'huile capteur Presión de aceite sensor Датчик давления масла		81 27421 0098
82 2386	81 27421 0151		Öldruckgeber Oilpressure sensor Pression d'huile capteur Presión de aceite sensor Датчик давления масла		81 27421 0151
82 2403	51 27421 0113		Öldruckgeber Oilpressure sensor Pression d'huile capteur Presión de aceite sensor Датчик давления масла		51 27421 0113
82 2391	51 27421 0216		Ladedrucksensor Boost pressure sensor Capteur pression Sensor pression Датчик, давление наддува	TGA TGS TGM	51 27421 0198

Geber, Sensor, Captuer, Sensore, Датчик

FLAG	Reference	Details	Description	Application	OEM No.
82 2511	0 281 002 271		Kurbelwellensensor Crankshaft sensor Captuer de vilebrequin Sensor del cigüeñal Датчик импульсов	TGA	51 27120 0009
82 2507	51 27120 0011		Kurbelwellensensor Crankshaft sensor Captuer de vilebrequin Sensor del cigüeñal Датчик импульсов	TGA	51 27120 0005 51 27120 0008
82 2500	0 281 002 426		Kurbelwellensensor Crankshaft sensor Captuer de vilebrequin Sensor del cigüeñal Датчик импульсов	TGA F2000	51 27120 0014
82 2503	0 281 002 427		Kurbelwellensensor Crankshaft sensor Captuer de vilebrequin Sensor del cigüeñal Датчик импульсов	TGA F2000	51 27120 0015
12 0113	0 341 002 003	24V 10A Max 2500A 	Batterie Trennschalter Battery circuit breaker Sectionneur Batterie Interruptor principal, batería Выключатель аккумуляторной батареи	D0846 D2565 D2336 D2156 D2556 D2566	81 25506 7000 90 81616 0511

Geber, Sensor, Captuer, Sensore, Датчик

FLAG	Reference	Details	Description	Application	OEM No.
82 2377	81 25909 0015		Sensor Drehzahl Speed sensor Captuer de rotation Sensor de velocidad Датчик частоты вращения		81 25909 0015

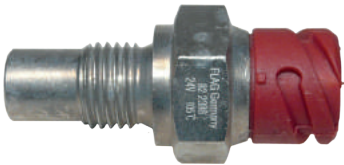
82 2379	81 27121 0028		Sensor Drehzahl Speed sensor Captuer de rotation Sensor de velocidad Датчик частоты вращения		81 27121 0028 81 27121 0043
---------	---------------	---	--	--	--------------------------------

82 2373	81 27421 0080		Sensor Drehzahl Speed sensor Captuer de rotation Sensor de velocidad Датчик частоты вращения		81 25909 0009 81 25909 0036 81 27421 0080 81 27421 0135 81 27421 0140
---------	---------------	---	--	--	---

82 2376	81 27421 0129		Sensor Drehzahl Speed sensor Captuer de rotation Sensor de velocidad Датчик частоты вращения		81 27121 0009 81 27421 0083 81 27421 0129 81 27421 0130
---------	---------------	---	--	--	--

--	--	--	--	--	--

Geber, Sensor, Captuer, Sensore, Датчик

FLAG	Reference	Details	Description	Application	OEM No.
82 2398	51 27421 0151		Temperaturschalter Temperature switch El termointerruptor Interrupteursdetempe- rature Термовыключатель		51 27421 0140 51 27421 0151 51 27421 0166 81 27421 0183 81 27421 0190
82 2399	81 27421 0125		Temperaturschalter Temperature switch El termointerruptor Interrupteursdetempe- rature Термовыключатель		81 27421 0125 51 27420 0074 81 27421 0099
82 2392	81 27421 0152		Kühlmittelstand Sensor Coolant level sensor Senseur fluid refroid. Posición de refrigeran- te el sensor Датчик охлаждения температуры	F2000 L2000	81 27421 0152 81 27421 0169
82 2404	81 27421 0232		Kühlmittelstand Sensor Coolant level sensor Senseur fluid refroid. Posición de refrigeran- te el sensor Датчик охлаждения температуры	TGA TGS	81 27421 0195 81 27421 0232
82 2405	81 27421 0264		Kühlmittelstand Sensor Coolant level sensor Senseur fluid refroid. Posición de refrigeran- te el sensor Датчик охлаждения температуры		81 27421 0264

FLAG	Reference	Details	Description	Application	OEM No.
15 6218	0 445 120 218	CR/IPL26 ZIRIS20S	Injektor Injector nozzle Injecteur Inyector Форсунка	TGA TGS	51 10100 6125
					

15 6147	0 445 120 147	CR/IPL29 ZIRIS20S	Injektor Injector nozzle Injecteur Inyector Форсунка	TGL TGM	51 10100 6085
					

82 1227	F 00R J01 247		Druckrohrstutzen Inlet connector Conduite à haute pression Tubería alta presión Трубопровод высокого давления		51 10101 6036
					

82 1237	F 00R J01 029		Druckrohrstutzen Inlet connector Conduite à haute pression Tubería alta presión Трубопровод высокого давления		51 10301 6161
					

--	--	--	--	--	--

FLAG	Reference	Details	Description	Application	OEM No.
84 0390	F 00R J02 175		Wärmeschutz Heat shield Isolation thermique Aislamiento térmico Теплоизоляционное кольцо		51 98701 0139

84 0096	F 00V C17 503		Wärmeschutz Heat shield Isolation thermique Aislamiento térmico Теплоизоляционное кольцо		51 98701 0118
---------	---------------	---	--	--	---------------

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

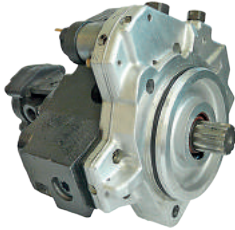
FLAG	Reference	Details	Description	Application	OEM No.
37 1831	0 433 171 831	DLLA146P1339	Düse Nozzle Injecteur Injector Распылитель	TGA TGS	
					

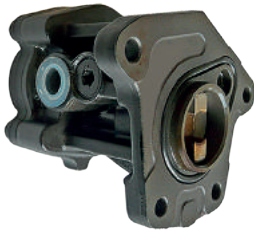
37 1939	0 433 171 939	DLLA148P1524++	Düse Nozzle Injecteur Injector Распылитель	TGA TGS TGX	
					

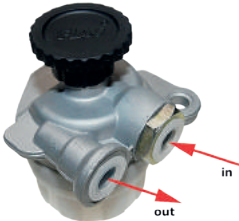
37 2094	0 433 172 094	DLLA154P1795	Düse Nozzle Injecteur Injector Распылитель	TGL TGM	
					

37 2084	0 433 172 084	DLLA157P1777	Düse Nozzle Injecteur Injector Распылитель	TGL TGM	
					

37 2042	0 433 172 042	DLLA145P1698	Düse Nozzle Injecteur Injector Распылитель		
					

FLAG	Reference	Details	Description	Application	OEM No.
03 2075	0 445 020 051	CR/CP3S3 R140/40-789S	Hochdruckpumpe High pressure pump Pompe haute pression Bomba de alta presión Насос высокого да- вления	TGA TGS TGX	51 11103 7739
					
03 2004	0 445 020 073	CR/CP3S3 L110/30-789S	Hochdruckpumpe High pressure pump Pompe haute pression Bomba de alta presión Насос высокого да- вления	TGL TGM	51 11103 7783
					
03 2034	0 445 020 034	CR/CP3S3 L110/30-789S	Hochdruckpumpe High pressure pump Pompe haute pression Bomba de alta presión Насос высокого да- вления	TGL TGM	51 11103 7716 51 11103 7763 51 11103 7787
					
97 2045	0 440 020 045	FP/ZP18/L1S	Zahnradpumpe Gear pump Pompe à engrenage Bomba de engranajes Топливный насос	TGA TGX	51 12101 7139
					
97 2049	0 440 020 049	FP/ZP18/R1S	Zahnradpumpe Gear pump Pompe à engrenage Bomba de engranajes Топливный насос	TGA	51 12101 7141
					

FLAG	Reference	Details	Description	Application	OEM No.
97 2078	0 440 020 078	FP/ZP18/R1S	Zahnradpumpe Gear pump Pompe à engrenage Bomba de engranajes Топливный насос	TGA TGS TGX	51 12101 7148
					

82 2257	51 12150 0002		Handpumpe Handprimer Pompe a main Bomba manual Ручной насос	NG NL NM TGA TGL TGM TGS TGX L2000 M2000 M2000M	51 12150 0000 51 12150 0001
					

80 1211			Kraftstofffilter Fuel filter Filtre à carburant Filtro combustible Топливный фильтр	NG NL NM TGA TGL TGM TGS TGX L2000 M2000 M2000M	
					

80 1212	51 12503 0062		Kraftstofffilter Fuel filter Filtre à carburant Filtro combustible Топливный фильтр	NG NL NM TGA TGL TGM TGS TGX L2000 M2000 M2000M	51 12503 0047
					

--	--	--	--	--	--

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

FLAG	Reference	Details	Description	Application	OEM No.
15 1421	0 432 191 421	DHK 320-328 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка		51 10100 7454
					
15 9310	0 432 191 310	DHK 320-328 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка		51 10100 6033 51 10100 6034 51 10100 6042
					
15 9416	0 432 191 416	DHK 320-328 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2866 D2876 E2000 F2000 TGA	51 10100 7450
					
15 3831	0 432 131 831	DHK 280-303 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2865 D2866 F90 F2000	51 10101 7338
					
15 3853	0 432 131 853	DHK 280-303 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2866 F2000 F90	51 10101 7310
					

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

FLAG	Reference	Details	Description	Application	OEM No.
15 3788	0 432 131 788	DHK 300-328 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2865 D2866 E90 M90 F90 E2000 F2000	51 10100 7363
					

15 3855	0 432 133 855	DHK 250-278 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D0824 D0826 L2000 M2000 F90	51 10100 7364
					

15 3755	0 432 131 755	DHK 300-328 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2866 E2000 F2000	51 10100 7382
					

15 3760	0 432 131 760	DHK 300-328 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2876 D2865 E2000 F2000	51 10100 7374 51 10100 9374
					

15 3772	0 432 131 772	DHK 280-303 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2865	51 10100 7366
					

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

FLAG	Reference	Details	Description	Application	OEM No.
15 3820	0 432 131 820	DHK 250-273 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D0824 D0826 M2000 L2000 F90	51 10100 7377 51 10101 7349
					
15 3767	0 432 231 767	DHK 220-243 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2840 F90	51 10100 7291
					
15 3850	0 432 231 850	DHK 175-193 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2566	51 10101 7207
					
15 3858	0 432 231 858	DHK 175-183 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2566	51 10101 7203
					
15 1864	0 432 231 864	DHK 175-193 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2555 D2556	51 10101 7197
					

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

FLAG	Reference	Details	Description	Application	OEM No.
15 3866	0 432 131 866	DHK 280-303 BAR	Düsenhalter Nozzle holder Porte injecteur Porta tobera Форсунка	D2865 F90	51 10101 7321 51 11103 7046
					

90 3994	0 430 133 994	KDEL93P7	Düsenhalter Montage Nozzle holder assembly Porte-injecteur Portainyector Корпус форсунки		51 10101 7311
					

90 7990	0 430 133 990	KDEL82P12	Düsenhalter Montage Nozzle holder assembly Porte-injecteur Portainyector Корпус форсунки		51 10100 7400
					

90 7981	0 430 133 981	KDEL82P23	Düsenhalter Montage Nozzle holder assembly Porte-injecteur Portainyector Корпус форсунки		51 10101 6024 51 10101 7312 51 10101 7350
					

90 3022	0 430 233 022	KDEL80S50	Düsenhalter Montage Nozzle holder assembly Porte-injecteur Portainyector Корпус форсунки		51 10101 6041 51 10101 7154
					

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

FLAG	Reference	Details	Description	Application	OEM No.
37 5489	0 433 175 489	DSLA160P1786	Düse Nozzle Injecteur Injector Распылитель		
					
37 1821	0 433 171 821	DLLA154P1319	Düse Nozzle Injecteur Injector Распылитель		51 10102 0280
					
37 1583	0 433 171 583	DLLA154P866	Düse Nozzle Injecteur Injector Распылитель	D2866 D2876	51 10102 0252
					
37 1085	0 433 175 085	DSLA154P492	Düse Nozzle Injecteur Injector Распылитель	D0824 D0826 L2000 M2000 F90	51 10102 0234
					
37 1214	0 433 171 214	DLLA146P166	Düse Nozzle Injecteur Injector Распылитель	D2840 D2865 D2866	51 10102 0215
					

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

FLAG	Reference	Details	Description	Application	OEM No.
37 1174	0 433 171 174	DLLA144P184	Düse Nozzle Injecteur Injector Распылитель	D2865 D2866	51 10102 0201
					

37 1326	0 433 171 326	DLLA152P452	Düse Nozzle Injecteur Injector Распылитель	D2865 D2866 D2876	51 10102 0221
					

37 1414	0 433 171 414	DLLA152P566	Düse Nozzle Injecteur Injector Распылитель	D2865 D2866 E2000 F2000	51 10102 0233
					

37 1394	0 433 171 394	DLLA152P531	Düse Nozzle Injecteur Injector Распылитель	D2865 D2876 E2000 F2000	51 10102 0231
					

37 1360	0 433 171 360	DLLA146P499	Düse Nozzle Injecteur Injector Распылитель	D2865 D2866	51 10102 0225
					

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

FLAG	Reference	Details	Description	Application	OEM No.
37 1159	0 433 171 159	DLLA134P180	Düse Nozzle Injecteur Injector Распылитель	D0824 D0826 M2000 L2000	51 10102 0202
					
37 2740	0 433 271 740	DLLA136S943	Düse Nozzle Injecteur Injector Распылитель	D2865 D2866 D2840 F90	51 10102 0189
					
37 2355	0 433 271 355	DLLA25S722	Düse Nozzle Injecteur Injector Распылитель	D2566	51 10102 0150
					
37 2334	0 433 271 334	DLLA30S678	Düse Nozzle Injecteur Injector Распылитель	D2566	51 10102 0146
					
37 2306	0 433 271 306	DLLA25S627	Düse Nozzle Injecteur Injector Распылитель	D2566 D2866	51 10102 0141
					

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

FLAG	Reference	Details	Description	Application	OEM No.
37 2285	0 433 271 285	DLLA28S589	Düse Nozzle Injecteur Injector Распылитель	D2530 D2538	51 10102 0125
					

37 1149	0 433 171 149	DLLA146P166	Düse Nozzle Injecteur Injector Распылитель	D2865	51 10102 0206
					

37 2783	0 433 271 783	DLLA138S983	Düse Nozzle Injecteur Injector Распылитель	D2566 D2866	51 10102 0192
					

37 1639	0 433 171 639	DLLA154P965	Düse Nozzle Injecteur Injector Распылитель		51 10102 0257
					

--	--	--	--	--	--

Direkteinspritzung, Injection system, Circuit d'injection, Inyección de combustible, Система впрыска

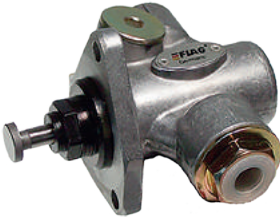
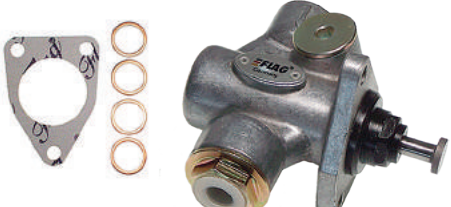
FLAG	Reference	Details	Description	Application	OEM No.
82 7504	2 433 370 504		Druckrohrstutzen Inlet connector Conduite à haute pression Tubería alta presión Трубопровод высокого давления		51 10100 6036
					

82 0939	F 00Z W00 003	FLA 6,8x15,0x17,5	Wärmeschutz Heat shield Isolation thermique Aislamiento térmico Теплоизоляционное кольцо		
					

--	--	--	--	--	--

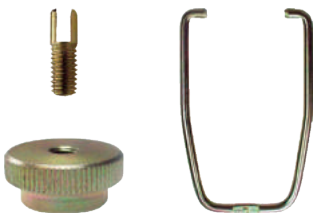
--	--	--	--	--	--

--	--	--	--	--	--

FLAG	Reference	Details	Description	Application	OEM No.
97 0073	0 440 008 073	FP KG24P302	Förderpumpe Feed pump Pompe d'alimentation Bomba de alimentación Топливоподающий насос		51 12101 7082
					
97 0074	0 440 008 074	FP KG24P303	Förderpumpe Feed pump Pompe d'alimentation Bomba de alimentación Топливоподающий насос		51 12101 7097
					
97 0097	51 12101 7047		Membranförderpumpe Diaphragm pump Diaphragme pompe Diafragma bomba Диафрагменный топливный насос	M90	51 12101 7117 51 12101 7120 51 12101 7134 51 12101 7136
					
97 0137	0 440 008 137	FP KG24P319	Förderpumpe Feed pump Pompe d'alimentation Bomba de alimentación Топливоподающий насос		51 12101 7104
					
97 0989	0 440 008 989	FP KG24P303	Förderpumpe Feed pump Pompe d'alimentation Bomba de alimentación Топливоподающий насос		
					

FLAG	Reference	Details	Description	Application	OEM No.
90 1002	0 440 011 002	FP/AH3/2	Handförderpumpe Hand feed pump Pompe à main d'alimentation Bombas de acciona- miento manual Ручной топливопо- дающий насос		81 12150 6010
					
90 1007	0 440 011 007	FP/AH3/7	Handförderpumpe Hand feed pump Pompe à main d'alimentation Bombas de acciona- miento manual Ручной топливопо- дающий насос	D0826 D0834 D0836 D2840 D2842 D2865 D2866 D2876	51 12150 7006 51 12150 7022 81 12150 6011
					
90 0176	0 440 003 176	FP/KE22AD112/2	Handförderpumpe Hand feed pump Pompe à main d'alimentation Bombas de acciona- miento manual Ручной топливопо- дающий насос	D0026M2	51 12101 7007 51 12101 7024 90 80111 2133
					
90 0229	0 440 003 229	FP/KE22AD291/2	Handförderpumpe Hand feed pump Pompe à main d'alimentation Bombas de acciona- miento manual Ручной топливопо- дающий насос	D2566	51 12101 7034
					
90 0245	0 440 003 245	FP/KEG22AD198/2	Förderpumpe Feed pump Pompe d'alimentation Bomba de alimentación Топливоподающий насос	D2565 D2566	51 12101 7039
					

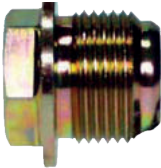
FLAG	Reference	Details	Description	Application	OEM No.
90 3999	0 440 003 998	FP/KEG22AD112/2	Handförderpumpe Hand feed pump Pompe à main d'alimentation Bombas de acciona- miento manual Ручной топливопо- дающий насос	D0026M2 D2156	51 12101 7050
					
90 7999	0 440 008 999	FP/K22P5	Handförderpumpe Hand feed pump Pompe à main d'alimentation Bombas de acciona- miento manual Ручной топливопо- дающий насос	D2566	81 12101 6022
					
80 0058	1 457 434 000		Vorfilter Pre-filter Préfiltre Prefiltro Фильтр грубой очистки	D2565 D2566 D2840 D2865 D2866	51 12501 7019
					
80 0089	1 457 434 002		Vorfilter Pre-filter Préfiltre Prefiltro Фильтр грубой очистки		07 70100 9164 51 12501 7067
					
80 0250	2 457 434 009		Vorfilter Pre-filter Préfiltre Prefiltro Фильтр грубой очистки	EL EM F90 E2000 F2000 L2000	51 12501 7123
					

FLAG	Reference	Details	Description	Application	OEM No.
80 1285	2 457 434 011		Vorfilter Pre-filter Préfiltre Prefiltro Фильтр грубой очистки	NG NL NÜ ÜL E2000 F2000 L2000 M2000L M2000M	51 12501 7156
80 0035	2 447 010 017	BO-FP 	Kraftstofffilter Fuel filter Filtre à carburant Filtro combustible Топливный фильтр	D2866 F90 M90	
80 0081	2 447 010 027	BO-FP 	Reparatursatz Repair kit Lot de réparation Juego de piezas Ремкомплект		81 11101 6016 81 12540 0008 81 90682 0005
80 1173	2 447 010 042		Reparatursatz für Vorfilter Gasket kit for pre-filter Lot de réparation pour préfiltre Juego de piezas para prefiltro Ремкомплект для фильтра грубой очистки	F90 EL/EM NG/NL NÜ/ÜL F2000 E2000 L2000 M2000L M2000M	81 11101 6151
83 0227	1 450 410 011	PI DX 54005 	Kraftstofffilter Fuel filter Filtre à carburant Filtro combustible Топливный фильтр	D2565 D2566 D2840 D2842 D2865 D2866 D2876 F90 M90	11 22505 2008 81 12104 0003

FLAG	Reference	Details	Description	Application	OEM No.
80 0046	2 447 010 011	1 Nut	Reparatursatz Repair kit Lot de réparation Juego de piezas Ремкомплект		
					

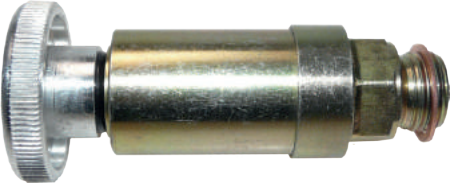
80 0069	2 447 010 010		Reparatursatz Repair kit Lot de réparation Juego de piezas Ремкомплект		
					

80 0087	2 447 010 011	3 Nut	Reparatursatz Repair kit Lot de réparation Juego de piezas Ремкомплект		
					

82 0700	2 443 461 003		Anschlussstutzen Connection fitting Manchon d'accouplement Racor de empalme Соединительный патрубок		81 98130 0469
					

82 0790	2 443 461 020		Anschlussstutzen Connection fitting Manchon d'accouplement Racor de empalme Соединительный патрубок		51 98130 0392
					

FLAG	Reference	Details	Description	Application	OEM No.
82 0375	2 447 222 020	ALU/HP M16	Handpumpe Handpump Pompe à la main Bomba manual Ручной насос	EL/EM F90/G90 M90/NG NL/NM NÜ/ÜL TGA F2000 L2000 M2000L M2000M	11 21508 0001 51 12150 7003 81 12150 6003
					

82 0635	2 447 222 000	ST/HP	Handpumpe Handpump Pompe à la main Bomba manual Ручной насос	EL/EM NG/NL NM/NÜ ÜL/F90 G90/M90 TGA F2000 L2000 M2000L M2000M	81 12150 6001
					

82 1176	2 447 010 033	AL/HP	Handpumpe Handpump Pompe à la main Bomba manual Ручной насос	D0824 D0826 D2865 D2566 D2840 D2842 D2865 D2866 D2876	81 12150 6013
					

--	--	--	--	--	--

--	--	--	--	--	--

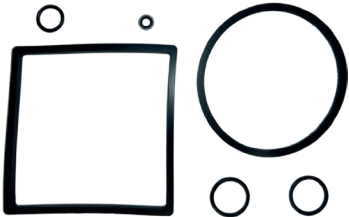
FLAG	Reference	Details	Description	Application	OEM No.
82 0285	2 911 201 703	ST/SR	Hohlschraube Banjo bolt Vis banjo Tornillo hueco Полый болт		11 20085 2020 81 98150 0034
					

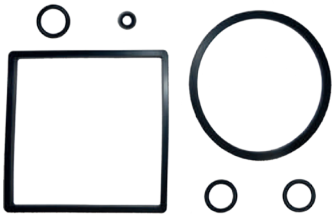
82 1119	2 911 201 701	ST/SR	Hohlschraube Banjo bolt Vis banjo Tornillo hueco Полый болт		81 98150 0037
					

82 0342	1 457 413 010		Überströmventil Overflow valve Soupape de trop-plein Válvula de descarga Перепускной клапан	D2566 D2866	90 81692 9667
					

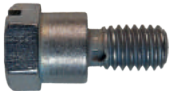
82 0745	1 417 413 000		Überströmventil Overflow valve Soupape de trop-plein Válvula de descarga Перепускной клапан	D0824 D0826 D2565 D2566 D2840 D2842 D2865 D2866 D2876	51 12505 0004 90 81692 9683
					

82 0767	1 417 413 047		Überströmventil Overflow valve Soupape de trop-plein Válvula de descarga Перепускной клапан	D2156	11 20013 0003 51 12505 0004
					

FLAG	Reference	Details	Description	Application	OEM No.
84 0430	SWK-2000/10/P30		Wasserabscheider Water separator Séparateur d'eau Separador de agua Водный сепаратор		
84 0435	SWK-2000/5/50/P		Wasserabscheider Water separator Séparateur d'eau Separador de agua Водный сепаратор		
84 0431	ELEM SWK2000/10		Filter Filter Filtre Filtro Фильтр		
84 0436	ELEM SWK2000/5		Filter Filter Filtre Filtro Фильтр		
80 1528	SWK-2000/10/HNBR		Reparatursatz Repair kit Lot de réparation Juego de piezas Ремкомплект		

FLAG	Reference	Details	Description	Application	OEM No.
80 1527	SWK-2000/5/HNB		Reparatursatz Repair kit Lot de réparation Juego de piezas Ремкомплект		

82 2408	G1/4" AG		Kugelhahn Ball valve Valve de boule Válvula de bola Шаровой кран		
---------	----------	---	--	--	--

82 2410	SWK-ES-M6		Entlüftungsschraube Venting screw La vis de l'émission de l'air El tornillo de la salida del aire Винт выпуска воздуха		
---------	-----------	---	--	--	--

90 1025	SWK-FP/EVO-HFP		Förderpumpe Feed pump Pompe d'alimentation Bomba de alimentación Топливоподающий насос		
---------	----------------	---	--	--	--

--	--	--	--	--	--

FLAG	Reference	Details	Description	Application	OEM No.
84 0261	1 457 434 106	AL PP 98 ADN	Kraftstofffilter Fuel filter Filtre à carburant Filtro combustible Топливный фильтр	G90	51 12503 0009 81 12503 0075
					

84 0412	51 12503 0051		Kraftstofffilter Fuel filter Filtre à carburant Filtro combustible Топливный фильтр		51 12503 0051 51 12503 6000
					

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

FLAG	Reference	Details	Description	Application	OEM No.
82 1008	0 330 001 016	ST/EVEN BO-VE-MAG	Magnetventil Push/tractive Solenoid Dispositif d'arrêt Electroimán de empu- je/elevación Электромагнитный клапан	EM NM SM G90 M90 L2000 M2000L	81 25902 0214 81 25902 6065
					

82 1150	0 330 106 017	ST/EVEN BO-VE-MAG	Magnetventil Push/tractive Solenoid Dispositif d'arrêt Electroimán de empu- je/elevación Электромагнитный клапан		51 11612 0018 51 11613 0018
					

81 0893	2 420 503 002	FT/ME	Membrane Diaphragm Membrane VE Diafragma Мембрана		81 11537 0002
					

81 0959	2 420 503 019	FT/ME	Membrane Diaphragm Membrane VE Diafragma Мембрана		81 11537 0009
					

--	--	--	--	--	--

Hydraulikpumpe, Hydraulic gearpump, Pompe hydraulique, Bomba hidraulica, Гидравлический насос

FLAG	Reference	Details	Description	Application	OEM No.
92 6137	81 47101 6137	16L/min 3200r Max 150Bar	Hydraulikpumpe Hydraulic pump Pompe hydraulique Bomba hidráulica Гидравлический насос	TGA TGX TGS TGL TGM L2000 M2000 F2000	81 47101 6122 81 47101 6181 81 47101 9122 81 47101 9137
 					

92 6140	81 47101 6140	17L/min 3200r Max 180Bar	Hydraulikpumpe Hydraulic pump Pompe hydraulique Bomba hidráulica Гидравлический насос	TGA TGX TGS L2000 M2000 F2000	81 47101 6082 81 47101 6086 81 47101 6090 81 47101 6103 81 47101 6116 81 47101 6121 81 47101 6136 81 47101 6161 81 47101 6168 81 47101 6170 81 47101 6180 81 47101 9161
 					

92 6189	81 47101 6189	16L/min 3200r Max 130Bar	Hydraulikpumpe Hydraulic pump Pompe hydraulique Bomba hidráulica Гидравлический насос	NL NG ND F90	81 47101 6102 81 47101 6108
 					

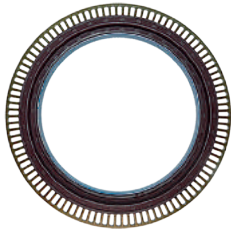
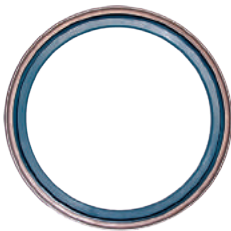
--	--	--	--	--	--

--	--	--	--	--	--

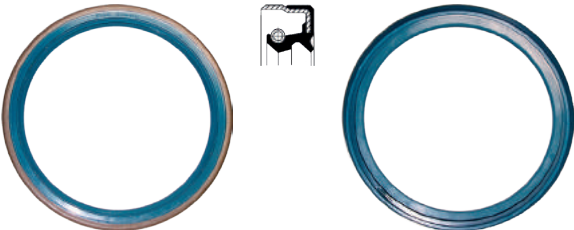
Hinterachse, Rear Axle, Essieu Arrière, Eje Trasero, Задний мост

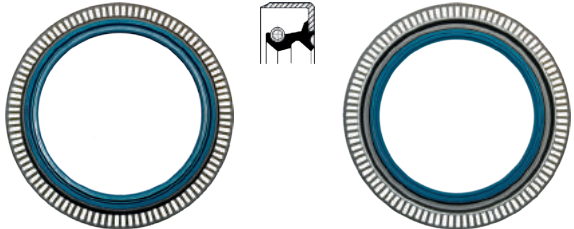
FLAG	Reference	Details	Description	Application	OEM No.
80 5501		APL	APL Satz AXLE kit APL jeu de bagues APL juego Комплект прокладок		
					
80 5505	81 35925 6004	APL	APL Satz AXLE kit APL jeu de bagues APL juego Комплект прокладок		81 35925 6004
					
81 0841	1 410 282 015	25x35x7 NBR	Wellendichtring Oil seal Bague d'étanchéité Retén Сальник	F90 M90 TGA TGL TGM F2000 L2000 M2000L M2000M	81 96501 0702
					
81 1628	06 56289 0357	85x105x13 FPM	Wellendichtring Oil seal Bague d'étanchéité Retén Сальник	F7 F8 F90 F2000 TGA	06 56289 0357
					
81 0797	51 01510 0133	120x140x13/12 FPM	Wellendichtring Oil seal Bague d'étanchéité Retén Сальник	EL E2000 F2000 F90 M90 NG NL NÜ TGA ÜL	51 01510 0133 51 01510 0140 51 01510 0141
					

Hinterachse, Rear Axle, Essieu Arrière, Eje Trasero, Задний мост

FLAG	Reference	Details	Description	Application	OEM No.
81 1669	06 56289 0387	132x160x10 FPM	Wellendichtring Oil seal Bague d'étanchéité Retén Сальник	L2000 M2000 TGM TGA TGS TGX	06 56289 0387
					
					
81 1622	81 96503 0398	135x175x18 ABS Ring ø205 FTP 100 Teeth	Wellendichtring Oil seal Bague d'étanchéité Retén Сальник	M90 F90 L2000 M2000 F2000	81 96503 0398
					
					
81 1633	81 96503 0445	139x170x11 FPM	Wellendichtring Oil seal Bague d'étanchéité Retén Сальник	F2000 TGM TGA TGS TGX	81 96503 0445
					
					
81 1698	81 96503 6000	139x175x16,3 ABS Ring ø205 FPM 100 Teeth	Wellendichtring Oil seal Bague d'étanchéité Retén Сальник	TGA L2000	81 96503 6000
					
					
81 1390	06 56289 0333	145x175x13 NBR	Wellendichtring Oil seal Bague d'étanchéité Retén Сальник	F7 F8 F9 M90 F90 L2000 M2000 F2000	06 56289 0333
					
					

Hinterachse, Rear Axle, Essieu Arrière, Eje Trasero, Задний мост

FLAG	Reference	Details	Description	Application	OEM No.
81 1391	06 56289 0335	145x175x14 NBR	Wellendichtring Oil seal Bague d' étanchéité Retén Сальник	F7 F8 F9 M90 F90 L2000 M2000 F2000 TGA	06 56289 0335
					

81 1361	06 56289 0371	145x175x205x9/14 ABS Ring ø205 NBR 100 Teeth	Wellendichtring Oil seal Bague d' étanchéité Retén Сальник	F7 F8 F9 M90 F90 L2000 M2000 F2000 TGA TGS TGX	06 56289 0371
					

81 1666	06 56289 0307	145x175x16 FPM	Wellendichtring Oil seal Bague d' étanchéité Retén Сальник	M90 F90 F2000 L2000 M2000	06 56289 0307 06 56289 0308 06 56289 0309 06 56289 0386
					

80 0283	81 91760 0010		Reparatursatz Repair kit Lot de réparation Juego de piezas Ремкомплект		81 91760 0010
					

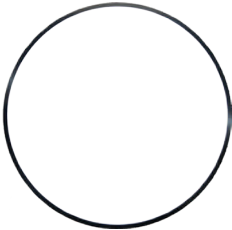
80 5525	1 295 298 917A		Dichtungssatz Schalt- getriebe ZF Gearbox kit Joint kit manuel Juego para caja de cambios Комплект прокладок, ступенчатая коробка		81 35900 6005 81 32900 6059
					

Motor, Engine, Moteur, Motor, Двигатель

FLAG	Reference	Details	Description	Application	OEM No.
81 0908	51 04902 0033	9x12/15,4x11 FPM	Ventilschaftdichtung Valve stem seal Joint de guide de soupape Retén del vástago de la válvula Уплотнение стержня клапана	D2066 D2676 D2840 D2842 D2866 D2868 D2876	51 04902 0033
					

81 1434	51 04902 0028	12/16/20x15 FPM	Ventilschaftdichtung Valve stem seal Joint de guide de soupape Retén del vástago de la válvula Уплотнение стержня клапана	D2840 D2842 D2865 D2866 D2876 E2866 G2866 E2876 G2876	51 04902 0028
					

80 1093	51 01201 0309	138x2,10 144x3,80	Zyl. Laufbuchsensatz Cylinder liner kit Joint de chemise Kit de reparación, cilindro Ремонтный комплект, гильза цилиндра		51 01201 0309
					

84 0127	51 01222 0002	147,4x153,8	Tombak ring Bronze ring Anneau de bronze Anillo de bronce Кольцо из бронзы	D2840 D2842 D2865 D2866 D2876 E2866 G2866 E2876 G2876	51 01222 0002
					

--	--	--	--	--	--

General Terms of Sale and Delivery for Export

1. Validity of the General Terms of Sale and Delivery

- a) The following General Terms of Sale and Delivery are valid for all business contacts between ourselves and our customers, including future contracts, unless specifically agreed otherwise and confirmed in writing or by telex.
- b) Any deviations from these terms which may appear on order forms or orders from customers have no validity. Such deviations are not binding to us even when they are not explicitly declared invalid by us or even when we execute a delivery on receipt of an order containing such deviations.
- c) All verbal agreements or arrangements, as well as all alterations or extensions to contracts confirmed in writing or telegraphically, require a separate written or telegraphic confirmation.
- d) All contracts with our customers are only binding when confirmed in writing or telegraphically. This confirmation may also be given at the same time as the invoice is received. Until this confirmation has been given, our offer is without obligation and not binding.
- e) The invalidation of an individual item of these General Terms of Sale and Delivery in no way affects the validity of any other item.
- f) All items which the seller offers are manufactured by the company of the seller. The seller guarantees that all items are of highest quality and precise fitting. All goods offered by the seller are goods which are offered for the purpose of being used as spare parts. Part numbers of other manufacturers are only mentioned for comparison purposes.

2. Terms of delivery

- a) Our prices are quoted in EUR. The agreed prices are based on the current purchasing prices, standard wages and salaries, customs duty, freight costs and other social costs. Should these costs increase after the contract has been confirmed, we reserve the right to raise our prices accordingly.
- b) Special packaging is accounted to cost price.
- c) We reserve the right to bill for costs incurred in producing test components together with the cost of tooling for such components.
- d) Partial shipments are permissible.
- e) Our delivery times are accurate to the best of our knowledge at the time of quotation. Call contracts and scheduled deliveries require a special delivery agreement on all cases. If a contracted delivery period is exceeded by more than 3 weeks for reasons which are our liability, the customer is entitled to withdraw the contract after a further 3 weeks period of grace.
- f) For contracts which consist of several partial shipments, the later delivery of a partial shipment does not imply any alteration in rights for the remaining shipments of the contract. For call contracts we reserve the right to purchase raw materials for the complete contract at our discretion and to manufacture the full contracted quantities for small and medium lots immediately. Any alterations made after confirmation of contract without written confirmation therefore cannot be accepted.
- g) We reserve the right to deliver within 10% above or below the contracted quantities.
- h) Returned goods can only be accepted with our prior agreement to the return.
- i) In the event of bankruptcy or insolvency, the execution of a statutory declaration (or affidavit) in accordance with § 807 ZPO, payment difficulties or the notification of a considerable depreciation in the customers pecuniary circumstances, give us the right to halt delivery immediately and to refuse to complete running contracts.

3. Risk liability

- a) All shipments are made at the customers risk.
- b) Our liability ceases as soon as the goods have been correctly delivered to the railway, carrier or transport company, or have been loaded onto our own, or the customers vehicles.
- c) If a customer does not take delivery of a shipment within a reasonable period of grace, or refuses to accept a shipment within a reasonable period of grace, or refuses to accept a shipment, or if a shipment cannot be dispatched for more than 1 month from the agreed delivery date, for reasons which are not our liability, then we are entitled to return the goods to our warehouse at the customers cost and liability. We are entitled to levy storage charges at 75% of the equivalent storage charges levied by a storage company. If the delivery or production is hindered for reasons for which we are neither responsible nor liable, for example force majeure, war or civil unrest, operational breakdowns or traffic stoppages, lack of raw materials or labour, strikes or lock-outs, whether in our plant or a supplier plant, then we are no longer bound by our liability for delivery, and we are also entitled to halt delivery without subsequent delivery period.

4. Warranty

- a) We warrant good quality and careful execution of the supplied goods for a period of 12 month from date of handing over respective goods to customer or the third party which is responsible for transportation or shipment of respective goods. This warranty exclusively comprises the lack of defects in material and workmanship for the aforementioned period. We are obliged to repair or replace defective parts for the duration of the warranty period on our own expense. Defective parts shall be sent to us by customer solely on his own costs, especially by carriage paid. Credit of the parts shall be reserved. Our warranty does not cover natural wear of components. We are not liable for damage or consequential damage caused by misuse, neglect, excessive use or failure to follow operating instructions. Our entire warranty shall expire immediately when changes or repairs are made without our written consent. Warranty claims under Section 437 German Civil Code can be claimed in addition to the warranty liability of the supplier shall expire after one year from delivery of the goods.
- b) Claims for deficiencies or defects which are obvious must be made in writing immediately, at the latest within 10 days of receipt of the goods, accompanied by a detailed description of the deficiencies or defects.
- c) Claim for hidden defects or deficiencies must be submitted immediately upon detection, at the latest within 10 days of their discovery, together with a detailed description of the defect or deficiency.
- d) In the case of justified defect claims made within the appropriate period of grace, the goods will be either repaired or replaced at our discretion whereby excluding any further claims. If we decide to replace the goods, the defective shipment becomes our property. If justified claims are also made against the repaired or replacement goods, and if further repair or replacement is not deemed acceptable, then the customer has the right to cancel the contract or require the sale price to be reduced correspondingly. The cancellation or reduction is only applicable to those items which have been the subject of repeated justified claims. The carriage costs incurred as a result of these guarantees clauses will be carried by us. § 476 A) BGB is inadmissible.
- e) Our statements in regard to the terms and scope of delivery, application (e.g. dimensions, weight, hardness and characteristics) are purely descriptive and do not constitute guaranteed characteristics. The values quoted are intended for guidance and unless specifically agreed to the contrary, they are subject to the variations typical for such quotations in the trade. The characteristics are only considered guaranteed insofar they have been specifically determined by us on samples for the particular customer application. Minor deviations from such samples or prior shipments, which do not detract from the usability for the projected application, are not considered as justified claims and are not subject to the warranty conditions.
- f) In particular the following cases are not subject to the guarantee: When the shipment is used for purposes other than those for which the store was made, natural wear, incorrect handling by the customer or third parties, such as incorrect storage, storage beyond the normal store life, incorrect installation etc., defects in the component or machine in which the goods are installed (e.g. defective sealing surfaces), the use of incorrect materials, e.g. liquids to be sealed, lubricants etc..

5. Patents and protected rights

- a) All tools, samples, designs, drawings, cost estimates and similar documents, remain the unrestricted property of our company, even when the apportioned costs have been billed to the customer. Our rights of use and title are retained. We are not duty bound to retain machine tools longer than a reasonable retention period. The above mentioned items may not be made available to third parties without our express permission. Drawings and other documents which constitute a part of the contract are to be returned to us on request, in particular in those cases where we are not awarded the contract.
- b) Insofar as we have produced and delivered the contracted goods from drawings, models or samples provided by the customer, the customer is responsible for ensuring that the protected or patent rights of third parties are not contravened. If third parties prevent us manufacturing or delivering as a result of such rights, then we are entitled to stop production or delivery immediately without to clarify the legal situation and to claim damages against the customer. Independent of the above, the customer is bound to free us from all claims caused by contravention of third party protected or patent rights.

6. Retention of title

- a) We reserve the right of title to the delivered goods until all vested interests from the business association, such as interest, auxiliary claims and any legal cost incurred, including the costs of a third party notice resulting from the attachment of the goods by third parties. A seizure of the goods must be reported by the customer.
- b) If the customer fails in arrears in payment, we are entitled to reclaim the right of ownership to the delivered goods as a precaution. This claim and its execution do not constitute withdrawal from the contract, neither does a claim that the delivered goods in question be stored separately and given identification marks.
- c) The customers rights on resold or reused items from such reserved goods are already waived in our favour, together with all auxiliary rights, regardless of whether the goods have or have not been processed in any way or the goods have been sold to third parties, then our rights are transferred to the payments due or received from such third parties. The customer is only entitled to use the reserved goods for his normal business operations. This entitlement does not apply to cases under section 2 i)

7. Terms of payment

- a) Unless otherwise agreed, payment is due within 30 days of the date of invoice, in full without deductions.
- b) Unless otherwise agreed, the payment is automatically in arrears on the 30th day after the date on invoice (§ 294 (2) BGB). Interest at 5% above the Federal German bank rate will then be charged. We reserve the right however to make further arrears claims if necessary.
- c) Unless otherwise agreed by the customer, payments will always be made against the longest outstanding invoice, including any auxiliary claim amounts due against such invoices.
- d) Cheques and bills of exchange are only accepted in payment by prior arrangements and under consideration of all collection costs and discounts, and they are only accepted in payment.
- e) Discounting against our delivery invoices is only allowed in cases where our debt is not disputed or if such a debt has been legally awarded to the customer against us.
- f) Withholding of payment by the customers not permissible.
- g) Should the customers pecuniary circumstances decline e.g. if a letter of exchange or cheque is not honoured, or when insolvency action is taken against him, or the commencement of equity proceedings, then we are entitled to demand prepayment. At the same time all existing payments due, including those for which we have received letters of exchange, become due for payment immediately.

8. Exceptions to rights of indemnity

No rights of indemnity of any type exist against us, our legal representatives, servants, and employees, insofar as is legally possible, in particular for cases of minor negligence. It is irrelevant whether such cases are infringements of contract or auxiliary duties such as customer consultancy either verbal or in writing, infringement of obligations at the time of awarding of contract, or due to other unauthorised actions as well as damages consequent on deficiencies, damages due to delays, and any damages due to defective construction. These liability regulations apply equally to our advice, either verbal or in writing, resulting from trials or any other means. Such advice does not exempt the customer from the need to make compensatory trials. All claims for damages made against us, regardless of legal basis and regardless of the question of responsibility, lapse 6 months after delivery of the goods, or completion of the plant or other services.

9. Data protection

We are authorized to collect and save data for the purposes of our business electronically as provided for by the regulations of the Bundesdatenschutzgesetz.

10. Applicable law

The legal relationships between ourselves and our customers are exclusively based on German laws. This applies equally to the drawing up and execution of the contracts. The provisions of UN sales of goods law will not apply.

11. Place of jurisdiction and place of delivery

- a) The place of delivery for all shipments and settlements is Schwarzenbek. The place of settlement for all payments is Schwarzenbek.
- b) Place of jurisdiction is Schwarzenbek for all letters of exchange, cheques and certifications, when the customer is the sole buyer, without damage to the right to utilize the customers local courts should we desire it.
- c) If any individual provision of these terms and conditions becomes void this will not affect the validity of the remaining provisions. The void provision will be replaced by the applicable legal provision.

Portex

34 years of success



Vehicle parts worldwide
Quality is our business

Portex Handelsgesellschaft mbH
Röntgenstrasse 20B
D-21493 Schwarzenbek
Phone: +49 4151 89 91-0
Fax: +49 4151 89 9177
e-mail: flag@portex.de
internet: www.portex.de



Qualitätsmanagement
Wir sind zertifiziert
Regelmäßige freiwillige
Überwachung nach ISO 9001:2008



ADS
ASSOCIATION OF
DIESEL SPECIALISTS