



Spare Parts Catalog

BF12L 413F s/n 6596830

Equipment information

Equipment: 00006596830
Type: BF12L 413F
Output: 0000335,0 kW
Speed: 2500 1/min
Build date: 01.06.1982
KLU-Number: 0242 8049/12
ETL scope: EU048863
MVS: 421

VKU date: 01.06.1982
VKU' date:
Commissioning date:
Begin of guarantee period:
Man. begin of guar. period: no
End of guarantee period:
ID maintenance contract:
ID insurance contract:
Guarantee package:

Assembly group directory

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CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0500 2139	Dipstick	Dipstick
1	0500 4175	Cover	Cover
1	0501 3174	Rear end cover	Rear end cover
1	0501 3347	Crankcase	Crankcase
1	0501 3352	Handling device	Handling device
1	0501 9009	Tappet bridge	Tappet bridge
1	0502 1425	Oil filler	Oil filler
1	0502 4940	Cooling air baffle	Cooling air baffle
1	0503 0032	Breather line	Breather line
1	0503 1116	Breather line	Breather line
1	0503 2081	Breather	Breather
1	0503 2083	Carrier	Carrier
1	0503 7135	Venting box	Venting box
2		Oil pan	
2	0500 5007	Oil pan	Oil pan
4		Cylinder	
4	0503 2607	Cylinder	Cylinder
5		Crankshaft	
5	0501 3256	Flywheel	Flywheel
5	0503 0077	Driving parts	Driving parts
5	0503 2625	Crankshaft	Crankshaft
6		Connecting rod	
6	0501 3355	Connecting rod	Connecting rod
7		Piston	
7	0503 1239	Piston	Piston
8		Cylinder head	
8	0502 4932	Fastenings	Fastenings
8	0502 4933	Cylinder head	Cylinder head
10		Camshaft	
10	0502 2603	Camshaft	Camshaft
11		Timing gears	
11	0502 1334	Valve drive	Valve drive
14		Lube oil pump	
14	0503 3199	Lubricat. oil pump	Lubricat. oil pump
15		Lube oil/-cooler	
15	0501 3044	Fuse/lock	Fuse/lock
15	0502 0772	Lubric. oil cooler	Lubric. oil cooler
15	0502 0775	Bracket	Bracket
15	0503 2122	Filter cartridge	Filter cartridge
15	0503 4002	Hydraul.oil cooler	Hydraul.oil cooler
16		Oil pipes	
16	0502 1262	Lubricat. oil line	Lubricat. oil line
16	0503 4050	Lubricat. oil line	Lubricat. oil line
16	0503 4129	Lubricat. oil line	Lubricat. oil line
16	0503 4130	Lubricat. oil line	Lubricat. oil line
17		Injection pump	
17	0500 2034	Hand pump	Hand pump
17	0501 3358	Accessories	Accessories

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CG	ETL-No.	Designation (en)	Designation (en)
17	0502 0850	Fuel inject. pump	Fuel inject. pump
17	0502 2498	Electr.accessories	Electr.accessories
17	0502 8947	Parts inject.pump	Parts inject.pump
17	0502 8948	Parts of governor	Parts of governor
17	0503 3122	Wiring	Wiring
18		Injection pump drive	
18	0502 3455	Timing device	Timing device
18	0503 3017	Accessories	Accessories
19		Injector	
19	0502 1481	Fuel injector	Fuel injector
20		Fuel filter	
20	0500 2550	Fuel prefilter	Fuel prefilter
20	0500 4133	Fuel duplex filter	Fuel duplex filter
20	0501 3128	Hose assembly	Hose assembly
20	0501 3129	Hose assembly	Hose assembly
20	0502 2398	Fuel line	Fuel line
20	0502 2403	Fuel line	Fuel line
20	0502 3619	Accessories	Accessories
21		Fuel pipes/fuel tank	
21	0500 2068	Accessories	Accessories
21	0500 4139	Fastenings	Fastenings
21	0501 3368	High pressure pipe	High pressure pipe
21	0501 9204	Leak off line	Leak off line
21	0503 1212	Leak off line	Leak off line
22		Suction pipe/air cleaner	
22	0501 9013	Pipeline	Pipeline
22	0503 1066	Elbow connector	Elbow connector
22	0503 7038	Suction pipe	Suction pipe
22	0503 7039	Suction pipe	Suction pipe
26		Heater plug installation	
26	0500 2152	Spark ignition	Spark ignition
26	0500 2167	Wiring	Wiring
26	0500 4731	Accessories	Accessories
26	0502 1463	Accessories	Accessories
29		Control linkage	
29	0500 4850	Linkage	Linkage
29	0503 7018	Linkage	Linkage
33		Air compressor	
33	0500 2208	Blanking parts	Blanking parts
39		Cooling air blower	
39	0500 5097	Fastenings	Fastenings
39	0500 5781	Intermediate shaft	Intermediate shaft
39	0503 2087	Accessories	Accessories
39	0503 2138	Bypass line	Bypass line
39	0503 3089	Blower drive	Blower drive
39	0503 3205	Cooling fan	Cooling fan
39	0503 3207	Blower drive	Blower drive
39	0503 3459	Gear transmission	Gear transmission
39	0503 7024	Support	Support
40		Cooling air ducting	

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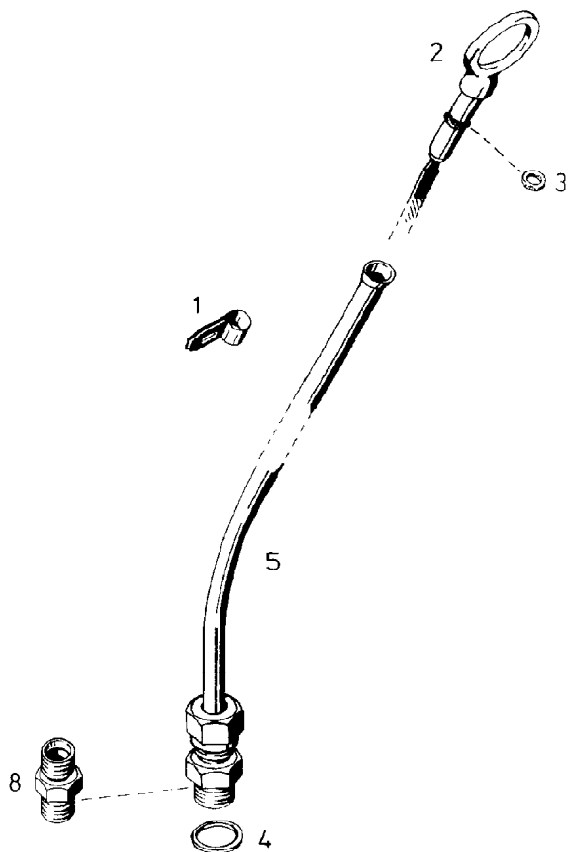
CG	ETL-No.	Designation (en)	Designation (en)
40	0500 4711	Cool. air cowling	Cool. air cowling
40	0501 3382	Cool. air cowling	Cool. air cowling
40	0501 9271	Cool. air cowling	Cool. air cowling
40	0502 0709	Cool. air cowling	Cool. air cowling
40	0502 2572	Cool. air cowling	Cool. air cowling
40	0503 2089	Cool. air cowling	Cool. air cowling
40	0503 4061	Frame	Frame
40	0503 4062	Air guide hood	Air guide hood
41		Exhaust manifold	
41	0500 4726	Corrugated tube	Corrugated tube
41	0500 4890	Exhaust manifold	Exhaust manifold
41	0501 3488	Exhaust pipe	Exhaust pipe
41	0502 2532	Silencer	Silencer
41	0502 3485	Cooling air baffle	Cooling air baffle
41	0503 4165	Fastenings	Fastenings
43		Turbocharger	
43	0503 4128	Turbocharger	Turbocharger
43	0503 7155	Panelling	Panelling
44		Alternator/starter motor	
44	0500 2354	Starter	Starter
44	0500 2384	Generator	Generator
44	0500 4905	Regulator cut-out	Regulator cut-out
44	0502 1427	Accessories	Accessories
44	0502 7031	Parts of alternat.	Parts of alternat.
44	0502 8904	Parts start.motor	Parts start.motor
46		Engine mounting, rigid	
46	0500 2409	Engine mounting	Engine mounting
48		Electrical accessories	
48	0500 3834	Indicator light	Indicator light
49		Tools	
49	0500 2422	Toolkit	Toolkit
49	0500 2423	Toolkit	Toolkit
49	0500 2424	Turn-over gear	Turn-over gear
51		Measuring instruments	
51	0500 2431	Drive	Drive
51	0500 5816	Accessories	Accessories
51	0501 3456	Temper.transmitter	Temper.transmitter
51	0501 3460	Warning unit	Warning unit
51	0501 9147	Oil pressur.switch	Oil pressur.switch
51	0501 9153	Electric line	Electric line
52		Clutch	
52	0502 1383	Connection housing	Connection housing
56		Engine shutdown	
56	0502 3444	Shutdown device	Shutdown device
83		Hydraulic pump	
83	0500 2538	Pump assy	Pump assy
83	0503 2129	Gasket	Gasket

ETL no.: 0500 2139 Dipstick

Constr. Group: 01

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0500 2139

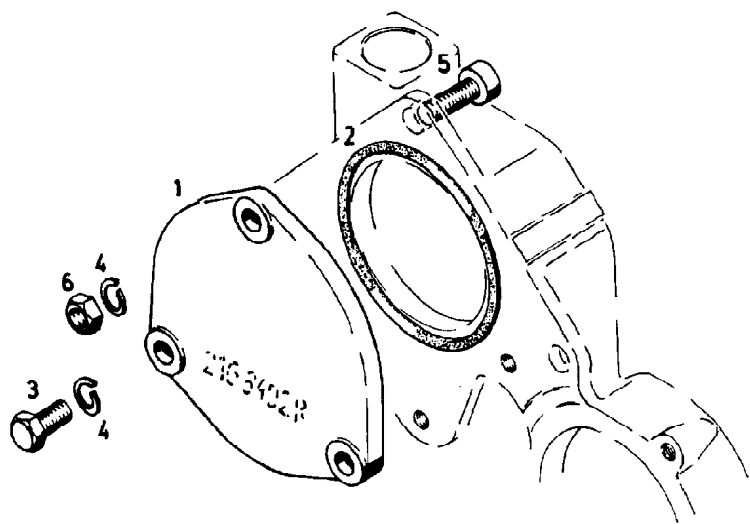
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02405859				1	ST		Pipe clamp	Pipe clamp	
2	01164040				1	ST		Dipstick	Dipstick	
3	01165973				1	ST		O-seal	O-seal	
4	01118693				1	ST		Sealing ring	Sealing ring	
5	02411331				1	ST		Guide tube	Guide tube	
8	02409121				1	ST		Screw-in nipple	Screw-in nipple	

ETL no.: 0500 4175 Cover

Constr. Group: 01

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0500 4175

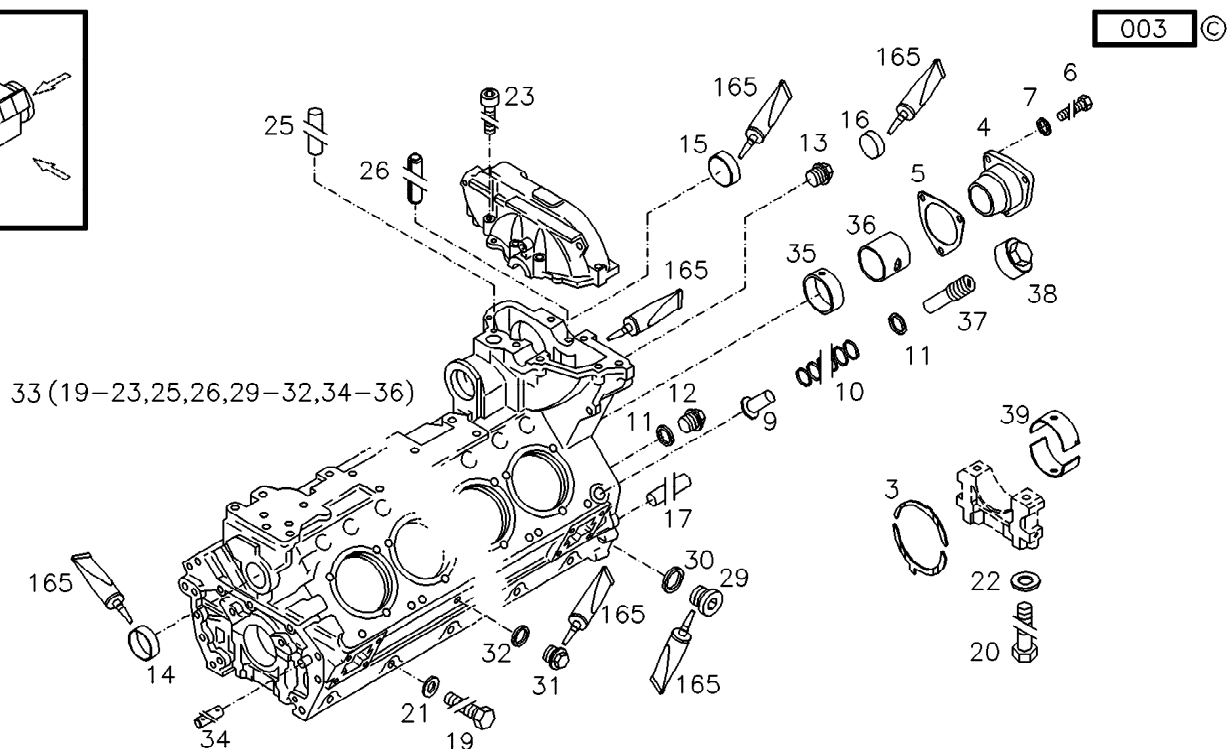
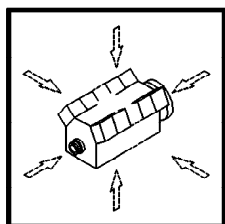
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02168401				1	ST		Cover	Cover	
2	01171114				1	ST		O-seal	O-seal	
3	01127052				2	ST		Hexagon bolt	Hexagon bolt	
4	01102800				3	ST		Lock washer	Lock washer	
5	01110664	20	20	1	ST			Cheese head screw	Cheese head screw	
6	01102659	20	20	1	ST			Hexagon nut	Hexagon nut	

ETL no.: 0501 3347 Crankcase

Constr. Group: 01

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0501 3347

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
3	02422297				2	ST		Thrust washer	Thrust washer	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 95,00 MM RD (B) 956-961
4	02192079				1	ST		Cover	Cover	
5	02192080				1	ST		Gasket	Gasket	
6	01137083	20	20		3	ST		Hexagon bolt	Hexagon bolt	
7	01118654				3	ST		Sealing ring	Sealing ring	
9	02403032				1	ST		Valve plunger	Valve plunger	
10	02403033				1	ST		Compression spring	Compression spring	
11	01118784				2	ST		Sealing ring	Sealing ring	
12	01216200				1	ST		Screw plug	Screw plug	
13	03361343				1	ST		Screw plug	Screw plug	
14	02403129				1	ST		Cover	Cover	
15	03361334	50	50		1	ST		Core hole plug	Core hole plug	
16	01165832		90		1	ST		Core hole plug	Core hole plug	
17	01102854				2	ST		Parallel pin	Parallel pin	
19	01112633				14	ST		Hexagon bolt	Hexagon bolt	
20	01102166				14	ST		Hexagon bolt	Hexagon bolt	
21	02403108				14	ST		Plain washer	Plain washer	
22	02408062				14	ST		Plain washer	Plain washer	
23	01152828				6	ST		Cheese head screw	Cheese head screw	
25	01105127				1	ST		Parallel pin	Parallel pin	

ETL no.: 0501 3347 Crankcase

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Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
26	01115463			1	ST		Straight pin	Straight pin	
29	01110423			1	ST		Screw plug	Screw plug	
30	01118693			1	ST		Sealing ring	Sealing ring	
31	01118971			1	ST		Screw plug	Screw plug	
32	01118718			1	ST		Sealing ring	Sealing ring	
33	02422120		AW	1	ST		Crankcase	Crankcase	WITH ITEM.... (19-23,25,26,29-32,34-36)
34	02404726			1	ST		Oil pipe	Oil pipe	
35	02192071			6	ST		Bush	Bush	
36	02192072			1	ST		Bush	Bush	
37	02425190			1	ST		Adjusting screw	Adjusting screw	
38	02416414			1	ST		Cap nut	Cap nut	
39	04180681			7	SA		Main bearing	Main bearing	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 95,00 MM RD (B) 950-955
165	01091503			1	ST		Packing compound	Packing compound	
950	04180682			7	ST		Main bearing	Main bearing	1ST UNDERSIZE 94,75 MM RD AUSSENDURCHMESSER 101,0 MM
951	04180683			7	ST		Main bearing	Main bearing	2ND UNDERSIZE 94,50 MM RD AUSSENDURCHMESSER 101,0 MM
952	04180684			7	ST		Main bearing	Main bearing	3RD UNDERSIZE 94,25 MM RD AUSSENDURCHMESSER 101,0 MM
953	04180685			7	ST		Main bearing	Main bearing	4TH UNDERSIZE 94,00 MM RD AUSSENDURCHMESSER 101,0 MM
954	04180686			7	ST		Main bearing	Main bearing	5TH UNDERSIZE 93,75 MM RD AUSSENDURCHMESSER 101,0 MM
955	04180687			7	ST		Main bearing	Main bearing	6TH UNDERSIZE 93,50 MM RD AUSSENDURCHMESSER 101,0 MM
956	02422298			2	SA		Thrust washer	Thrust washer	1ST UNDERSIZE 94,75 MM RD
957	02422299			2	ST		Thrust washer	Thrust washer	2ND UNDERSIZE 94,50 MM RD
958	02422300			2	ST		Thrust washer	Thrust washer	3RD UNDERSIZE 94,25 MM RD
959	02422301			2	ST		Thrust washer	Thrust washer	4TH UNDERSIZE 94,00 MM RD
960	02422302			2	ST		Thrust washer	Thrust washer	5TH UNDERSIZE 93,75 MM RD
961	02422303			2	ST		Thrust washer	Thrust washer	6TH UNDERSIZE 93,50 MM RD
962	04183600			7	ST		Main bearing	Main bearing	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 95,00 MM RD