

Equipment information

Equipment: 00007711660
Type: BF12L 513C
Output: 0000386,0 kW
Speed: 2300 1/min
Build date: 01.09.1989
KLU-Number:
ETL scope: EU059345
MVS: 729

VKU date: 01.09.1989

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	0501 3174	Rear end cover	Rear end cover
1	0501 3352	Handling device	Handling device
1	0501 9009	Tappet bridge	Tappet bridge
1	0502 3577	Handling eye	Handling eye
1	0503 2086	Carrier	Carrier
1	0503 2121	Oil filler	Oil filler
1	0503 2316	Dipstick	Dipstick
1	0503 7027	Crankcase	Crankcase
1	0505 0603	Breather	Breather
1	0506 4285	Cover	Cover
1	0506 4395	Breather	Breather
1	0506 4396	Breather line	Breather line
2		Oil pan	
2	0503 3254	Oil pan	Oil pan
4		Cylinder	
4	0505 0610	Cylinder	Cylinder
5		Crankshaft	
5	0502 1459	Flywheel	Flywheel
5	0503 7554	Crankshaft	Crankshaft
5	0505 0953	Vibration damper	Vibration damper
6		Connecting rod	
6	0505 0818	Connecting rod	Connecting rod
7		Piston	
7	0503 7424	Piston	Piston
8		Cylinder head	
8	0504 2633	Fastenings	Fastenings
8	0504 2999	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	0503 2122	Filter cartridge	Filter cartridge
15	0503 7578	Connector	Connector
15	0505 0664	Oil cooler	Oil cooler
16		Oil pipes	
16	0503 3255	Lubricat. oil line	Lubricat. oil line
16	0503 7272	Lubricat. oil line	Lubricat. oil line
16	0503 7273	Lubricat. oil line	Lubricat. oil line
16	0505 0680	Pipe union	Pipe union
17		Injection pump	
17	0502 9255	Parts of fuel pump	Parts of fuel pump
17	0502 9429	Parts inject.pump	Parts inject.pump
17	0503 3243	Accessories	Accessories
17	0505 1370	Fuel inject. pump	Fuel inject. pump

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CG	ETL-No.	Designation (en)	Designation (en)
17	0506 4096	Clutch/coupling	Clutch/coupling
18		Injection pump drive	
18	0503 7437	Accessories	Accessories
18	0506 4675	Timing device	Timing device
19		Injector	
19	0502 9150	Parts of injector	Parts of injector
19	0503 3335	Fuel injector	Fuel injector
20		Fuel filter	
20	0500 2545	Solder.nipple	Solder.nipple
20	0500 2546	Hose assembly	Hose assembly
20	0500 2550	Fuel prefilter	Fuel prefilter
20	0500 3942	Fuel duplex filter	Fuel duplex filter
20	0501 3130	Hose assembly	Hose assembly
20	0503 3289	Fuel line	Fuel line
20	0503 7142	Fuel line	Fuel line
21		Fuel pipes/fuel tank	
21	0500 2068	Accessories	Accessories
21	0501 9204	Leak off line	Leak off line
21	0503 1212	Leak off line	Leak off line
21	0504 2516	High pressure pipe	High pressure pipe
21	0504 2517	Fastenings	Fastenings
21	0504 2518	Leak off line	Leak off line
22		Suction pipe/air cleaner	
22	0500 4820	Suction pipe	Suction pipe
22	0505 1061	Elbow connector	Elbow connector
22	0505 1371	Pipeline	Pipeline
22	0507 6508	Service gauge	Service gauge
26		Heater plug installation	
26	0503 3186	Blanking parts	Blanking parts
26	0503 7165	Blanking parts	Blanking parts
29		Control linkage	
29	0503 7463	Speed adjustment	Speed adjustment
39		Cooling air blower	
39	0500 2269	Blanking parts	Blanking parts
39	0500 5097	Fastenings	Fastenings
39	0500 5781	Intermediate shaft	Intermediate shaft
39	0503 2087	Accessories	Accessories
39	0503 3048	Blower drive	Blower drive
39	0503 7442	Blower drive	Blower drive
39	0503 7471	Solenoid valve	Solenoid valve
39	0503 7472	Solenoid valv	Solenoid valv
39	0505 1443	Oil line	Oil line
39	0506 4540	Cooling blower	Cooling blower
40		Cooling air ducting	
40	0501 3335	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 2279	Air guide hood	Air guide hood
40	0503 2280	Cool. air cowling	Cool. air cowling
40	0503 4034	Front plate	Front plate

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CG	ETL-No.	Designation (en)	Designation (en)
40	0503 4036	Frame	Frame
40	0503 7584	Cool. air cowling	Cool. air cowling
40	0505 1856	Cool. air cowling	Cool. air cowling
41		Exhaust manifold	
41	0502 3485	Cooling air baffle	Cooling air baffle
41	0503 7298	Fastenings	Fastenings
41	0503 7453	Exhaust pipe	Exhaust pipe
41	0504 2567	Exhaust manifold	Exhaust manifold
43		Turbocharger	
43	0502 9229	Parts turbocharger	Parts turbocharger
43	0503 7155	Panelling	Panelling
43	0504 2548	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0502 9344	Parts of alternat.	Parts of alternat.
44	0503 3456	Accessories	Accessories
44	0503 3466	Plug connection	Plug connection
44	0503 7182	Starter	Starter
44	0503 7465	Accessories	Accessories
44	0504 2542	Generator	Generator
46		Engine mounting, rigid	
46	0500 2407	Engine mounting	Engine mounting
48		Electrical accessories	
48	0501 3436	Electr. equipment	Electr. equipment
48	0501 8771	Tacho switch	Tacho switch
48	0504 0063	Relay	Relay
48	0505 0127	Fastenings	Fastenings
48	0505 0888	Wiring	Wiring
48	0505 1116	Electr.accessories	Electr.accessories
48	0505 1588	Solenoid valve	Solenoid valve
48	0505 1589	Electr.accessories	Electr.accessories
48	0505 1990	Switchbox	Switchbox
48	0505 1991	Tacho-generator	Tacho-generator
48	0505 1992		
48	0505 1993	Light-emitt. diode	Light-emitt. diode
51		Measuring instruments	
51	0500 2431	Drive	Drive
51	0500 2437	Tachometer	Tachometer
51	0501 6358	Temperature gauge	Temperature gauge
51	0503 1282	Temper.measurement	Temper.measurement
51	0503 2408	Elapsed-hour meter	Elapsed-hour meter
51	0503 2520	Pressure gauge	Pressure gauge
51	0503 7301	Temperature switch	Temperature switch
51	0503 7475	Temper. controller	Temper. controller
51	0504 2413	Temper.indicator	Temper.indicator
51	0505 0091	Pressure sensor	Pressure sensor
51	0505 0150	Temper.measurement	Temper.measurement
51	0505 0734	Temper.transmitter	Temper.transmitter
51	0505 0834	Temper.transmitter	Temper.transmitter
51	0505 1994	Tachograph	Tachograph
51	0505 1995	Tachograph chart	Tachograph chart
52		Clutch	

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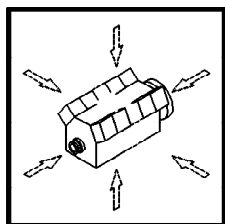
CG	ETL-No.	Designation (en)	Designation (en)
52	0505 1456	Connection housing	Connection housing
56		Engine shutdown	
56	0504 2532	Shutdown device	Shutdown device
56	0505 1115	Solenoid	Solenoid
58		Intercooler	
58	0503 7275	Cooler assembly	Cooler assembly
83		Hydraulic pump	
83	0500 2538	Pump assy	Pump assy

ETL no.: 0503 7027 Crankcase

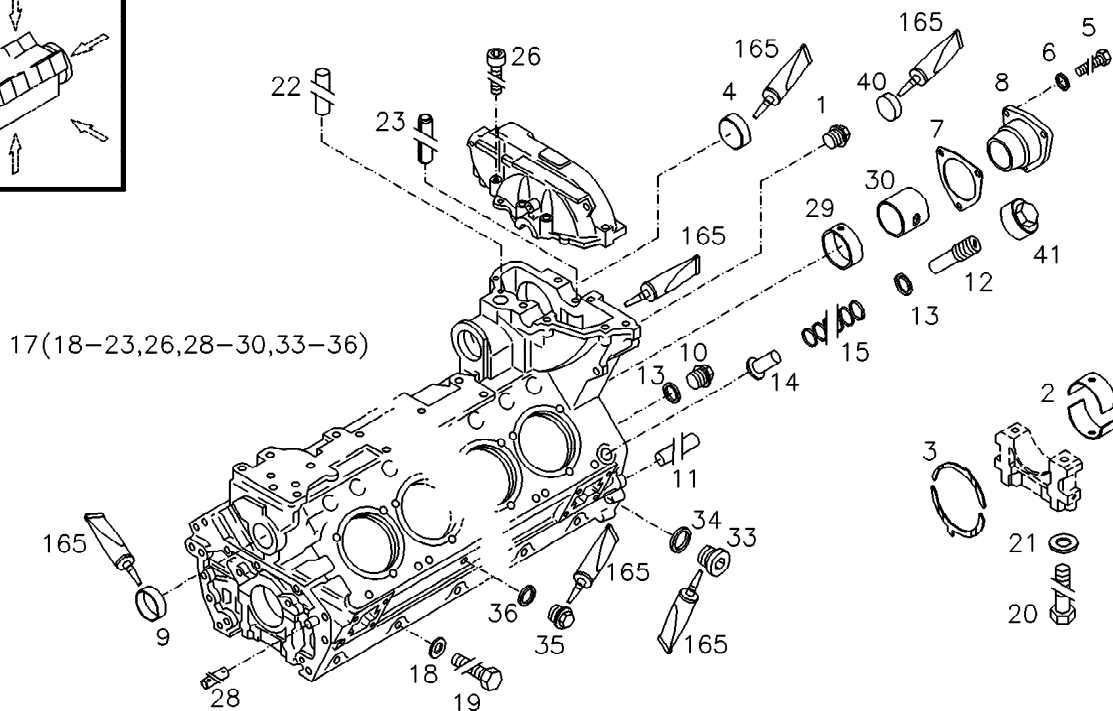
Constr. Group: 01

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0503 7027

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	03361343				1	ST		Screw plug	Screw plug	
2	04180681	Kit !			7	SA		Main bearing	Main bearing	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 95,00 MM RD (B) 950-955 AUSSENDURCHMESSER 101 M M
3	02422297	Kit !			2	ST		Thrust washer	Thrust washer	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 95,00 MM RD (B) 956-961
4	03361334		50	50	1	ST		Core hole plug	Core hole plug	
5	01137083		20	20	3	ST		Hexagon bolt	Hexagon bolt	
6	01118654				3	ST		Sealing ring	Sealing ring	
7	02192080				1	ST		Gasket	Gasket	
8	02192079				1	ST		Cover	Cover	
9	02403129				1	ST		Cover	Cover	
10	01216200				1	ST		Screw plug	Screw plug	2 801 A4
11	01102854				2	ST		Parallel pin	Parallel pin	
12	02425190				1	ST		Adjusting screw	Adjusting screw	
13	01118784	Kit !			1	ST		Sealing ring	Sealing ring	
14	02403032				1	ST		Valve plunger	Valve plunger	
15	02403033				1	ST		Compression spring	Compression spring	

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Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
17	02422175		10	1	ST		Crankcase	Crankcase	WITH ITEM.... (18-23,26,28-30,33-36)
18	02403108			14	ST		Plain washer	Plain washer	
19	01112633			14	ST		Hexagon bolt	Hexagon bolt	
20	01102166	Kit !		14	ST		Hexagon bolt	Hexagon bolt	
21	02408062			14	ST		Plain washer	Plain washer	
22	01105127	Kit !		1	ST		Parallel pin	Parallel pin	
23	01115463	Kit !		1	ST		Straight pin	Straight pin	
26	01152828			6	ST		Cheese head screw	Cheese head screw	
28	02404726			1	ST		Oil pipe	Oil pipe	
29	02192071			6	ST		Bush	Bush	
30	02192072			1	ST		Bush	Bush	
33	01110423			1	ST		Screw plug	Screw plug	
34	01118693			1	ST		Sealing ring	Sealing ring	
35	01118971			1	ST		Screw plug	Screw plug	
36	01118718			1	ST		Sealing ring	Sealing ring	
40	01165832			1	ST		Core hole plug	Core hole plug	
41	02416414			1	ST		Cap nut	Cap nut	
165	01091503			1	ST		Packing compound	Packing compound	
950	04180682			7	ST		Main bearing	Main bearing	1ST UNDERSIZE 94,75 MM RD AUSSENDURCHMESSER 101 M M
951	04180683			7	ST		Main bearing	Main bearing	2ND UNDERSIZE 94,50 MM RD AUSSENDURCHMESSER 101 M M
952	04180684			7	ST		Main bearing	Main bearing	3RD UNDERSIZE 94,25 MM RD AUSSENDURCHMESSER 101 M M
953	04180685			7	ST		Main bearing	Main bearing	4TH UNDERSIZE 94,00 MM RD AUSSENDURCHMESSER 101 M M
954	04180686			7	ST		Main bearing	Main bearing	5TH UNDERSIZE 93,75 MM RD AUSSENDURCHMESSER 101 M M
955	04180687			7	ST		Main bearing	Main bearing	6TH UNDERSIZE 93,50 MM RD AUSSENDURCHMESSER 101 M M
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