

Equipment information

Equipment: 00007982110
Type: BF 8L 513
Output: 0000250,0 kW
Speed: 2300 1/min
Build date: 01.10.1990
KLU-Number:
ETL scope: EU233594
MVS: 512

VKU date: 01.10.1990

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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 Speed: 2300 1/min

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0500 1804	Suspension	Suspension
1	0501 3174	Rear end cover	Rear end cover
1	0501 9234	Blanking parts	Blanking parts
1	0502 3573	Handling eye	Handling eye
1	0502 3574	Handling eye	Handling eye
1	0502 4918	Oil gauge	Oil gauge
1	0502 4938	Cooling air baffle	Cooling air baffle
1	0503 0014	Tdc-pointer	Tdc-pointer
1	0503 3190	Socket/adaptor	Socket/adaptor
1	0504 2658	Carrier	Carrier
1	0504 2679	Breather	Breather
1	0504 2681	Breather	Breather
1	0505 0031	Tappet bridge	Tappet bridge
1	0505 0143	Oil return pipe	Oil return pipe
1	0505 0681	Blanking parts	Blanking parts
1	0505 1054	Breather line	Breather line
1	0505 1093	Oil filler	Oil filler
1	0506 4782	Crankcase	Crankcase
2		Oil pan	
2	0502 2358	Oil pan	Oil pan
4		Cylinder	
4	0505 0610	Cylinder	Cylinder
5		Crankshaft	
5	0503 0082	Flywheel	Flywheel
5	0503 2198	Driving parts	Driving parts
5	0505 0396	Vibration damper	Vibration damper
5	0505 1414	Crankshaft	Crankshaft
6		Connecting rod	
6	0505 0818	Connecting rod	Connecting rod
7		Piston	
7	0505 1852	Piston	Piston
8		Cylinder head	
8	0504 2633	Fastenings	Fastenings
8	0506 4330	Cylinder head	Cylinder head
10		Camshaft	
10	0505 1415	Camshaft	Camshaft
11		Timing gears	
11	0502 1334	Valve drive	Valve drive
14		Lube oil pump	
14	0501 9042	Lubricat. oil line	Lubricat. oil line
14	0503 3195	Lubricat. oil pump	Lubricat. oil pump
14	0503 3196	Drain pump	Drain pump
15		Lube oil/-cooler	
15	0501 3044	Fuse/lock	Fuse/lock
15	0501 9062	Connecting parts	Connecting parts
15	0503 1244	Lubric. oil cooler	Lubric. oil cooler
15	0503 2122	Filter cartridge	Filter cartridge
15	0503 7396	Fastenings	Fastenings

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CG	ETL-No.	Designation (en)	Designation (en)
15	0503 7577	Bracket	Bracket
15	0506 4068	Reversing channel	Reversing channel
16		Oil pipes	
16	0501 9079	Oil line	Oil line
16	0502 2578	Oil line	Oil line
16	0503 2065	Lubricat. oil line	Lubricat. oil line
16	0503 2066	Lubricat. oil line	Lubricat. oil line
16	0504 2898	Lubricat. oil line	Lubricat. oil line
17		Injection pump	
17	0502 2498	Electr.accessories	Electr.accessories
17	0505 1398	Accessories	Accessories
17	0505 1587	Fuel inject. pump	Fuel inject. pump
17	0505 1850	Clutch/coupling	Clutch/coupling
17	0506 4107	Limit stop	Limit stop
18		Injection pump drive	
18	0503 3017	Accessories	Accessories
18	0505 1851	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	0505 1059	Fuel line	Fuel line
20	0505 1060	Fuel line	Fuel line
21		Fuel pipes/fuel tank	
21	0502 0784	Leak off line	Leak off line
21	0503 4126	Fastenings	Fastenings
21	0505 0848	Leak off line	Leak off line
21	0505 1586	High pressure pipe	High pressure pipe
22		Suction pipe/air cleaner	
22	0503 2113	Suction pipe	Suction pipe
22	0505 1196	Pipeline	Pipeline
26		Heater plug installation	
26	0503 1286	Accessories	Accessories
26	0505 1519	Spark ignition	Spark ignition
26	0505 1520	Flame glow plug	Flame glow plug
26	0505 1521	Solenoid valve	Solenoid valve
29		Control linkage	
29	0505 1582	Linkage	Linkage
29	0506 7007	Remote control	Remote control
33		Air compressor	
33	0502 9200	Parts air compres.	Parts air compres.
33	0503 2090	Driving parts	Driving parts
33	0503 3215	Suction pipe	Suction pipe
33	0503 7423	Air compressor	Air compressor
33	0505 0007	Lubricat. oil line	Lubricat. oil line
33	0505 0008	Pressure oil line	Pressure oil line
33	0505 1113	Oil return pipe	Oil return pipe
39		Cooling air blower	
39	0500 2269	Blanking parts	Blanking parts
39	0500 5097	Fastenings	Fastenings

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CG	ETL-No.	Designation (en)	Designation (en)
39	0500 5817	Intermediate shaft	Intermediate shaft
39	0503 3048	Blower drive	Blower drive
39	0503 3086	Blower drive	Blower drive
39	0503 7016	Cooling blower	Cooling blower
39	0503 7472	Solenoid valv	Solenoid valv
39	0504 2683	Accessories	Accessories
39	0505 0140	Solenoid valve	Solenoid valve
39	0505 1336	Gear transmission	Gear transmission
39	0505 1836	Oil line	Oil line
40		Cooling air ducting	
40	0500 4971	Cool. air cowling	Cool. air cowling
40	0502 0707	Cool. air cowling	Cool. air cowling
40	0502 3411	Rail/bar	Rail/bar
40	0503 3149	Air guide hood	Air guide hood
40	0503 4141	Air guide hood	Air guide hood
40	0504 2659	Cool. air cowling	Cool. air cowling
40	0505 0604	Blanking parts	Blanking parts
40	0505 0630	Cover plate	Cover plate
40	0505 1127	Cover	Cover
40	0506 4126	Cool. air cowling	Cool. air cowling
41		Exhaust manifold	
41	0503 7170	Bracket	Bracket
41	0503 7420	Cooling air baffle	Cooling air baffle
41	0504 2619	Exhaust pipe	Exhaust pipe
41	0504 2620	Exhaust pipe	Exhaust pipe
43		Turbocharger	
43	0505 0191	Panelling	Panelling
43	0505 1419	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0502 1430	Plug	Plug
44	0502 2624	Starter	Starter
44	0502 9082	Parts of alternat.	Parts of alternat.
44	0502 9208	Parts start.motor	Parts start.motor
44	0503 3228	Accessories	Accessories
44	0503 7034	Cap	Cap
44	0505 0166	Generator	Generator
48		Electrical accessories	
48	0505 0125	Fastenings	Fastenings
48	0505 0127	Fastenings	Fastenings
48	0505 0888	Wiring	Wiring
51		Measuring instruments	
51	0500 2425	Drive	Drive
51	0503 7301	Temperature switch	Temperature switch
51	0503 7475	Temper. controller	Temper. controller
51	0505 0022	Temper.transmitter	Temper.transmitter
51	0505 0150	Temper.measurement	Temper.measurement
51	0505 0834	Temper.transmitter	Temper.transmitter
51	0505 1129	Pressure sensor	Pressure sensor
51	0506 4983	Temper.transmitter	Temper.transmitter
52		Clutch	
52	0503 7499	Connection housing	Connection housing

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CG	ETL-No.	Designation (en)	Designation (en)
56		Engine shutdown	
56	0505 1401	Shutdown device	Shutdown device
56	0505 1403	Pneumatic line	Pneumatic line
65		Injector cooling	
65	0505 1584	Hydraulic pump	Hydraulic pump
75		Heating system	
75	0502 2574	Control valve	Control valve
83		Hydraulic pump	
83	0501 3473	Accessories	Accessories

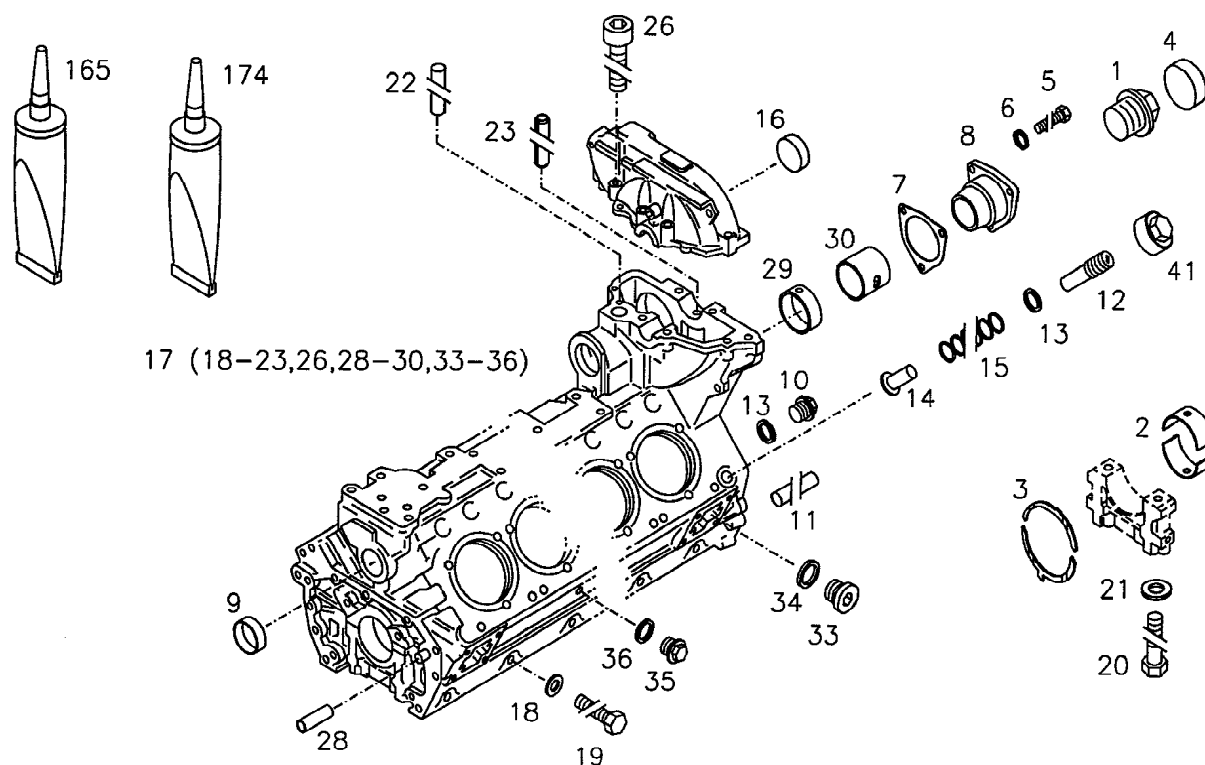
ETL no.: 0506 4782 Crankcase

Constr. Group: 01

Equipment: 00007982110
Output: 0000250,0 kW
ETL scope: EU233594

Engine type: BF 8L 513
Speed: 2300 1/min

001



0506 4782

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02420672				1	ST		Screw plug	Screw plug	
2	04180681				5	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 (A) 95,00 MM RD (B) 956-961
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	01165832				1	ST		Core hole plug	Core hole plug	
5	01112322		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	
11	01102854				2	ST		Parallel pin	Parallel pin	
12	02425190				1	ST		Adjusting screw	Adjusting screw	
13	01118784	Kit !			2	ST		Sealing ring	Sealing ring	

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
14	02403032				1	ST		Valve plunger	Valve plunger	
15	02403033				1	ST		Compression spring	Compression spring	
16	04186447				1	ST		Cover	Cover	
17	02426751		AW		1	ST		Crankcase	Crankcase	WITH ITEM.... (18-23,26,28-30,33-36)
18	02403108				10	ST		Plain washer	Plain washer	
19	01112633				10	ST		Hexagon bolt	Hexagon bolt	
20	01102166				10	ST		Hexagon bolt	Hexagon bolt	
21	02408062				10	ST		Plain washer	Plain washer	
22	01105127				1	ST		Parallel pin	Parallel pin	
23	01115463				1	ST		Straight pin	Straight pin	
26	01137112	20	20		6	ST		Cheese head screw	Cheese head screw	
28	02404724				1	ST		Oil pipe	Oil pipe	
29	02192071				4	ST		Bush	Bush	
30	02192072				1	ST		Bush	Bush	
33	01137743	20	20		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	
41	02416414				1	ST		Cap nut	Cap nut	
165	01091503				1	ST		Packing compound	Packing compound	
174	01008337				1	ST		Packing compound	Packing compound	
950	04180682				5	ST		Main bearing	Main bearing	1ST UNDERSIZE 94,75 MM RD AUSSENDURCHMESSER 101 M M
951	04180683				5	ST		Main bearing	Main bearing	2ND UNDERSIZE 94,50 MM RD AUSSENDURCHMESSER 101 M M
952	04180684				5	ST		Main bearing	Main bearing	3RD UNDERSIZE 94,25 MM RD AUSSENDURCHMESSER 101 M M
953	04180685				5	ST		Main bearing	Main bearing	4TH UNDERSIZE 94,00 MM RD AUSSENDURCHMESSER 101 M M
954	04180686				5	ST		Main bearing	Main bearing	5TH UNDERSIZE 93,75 MM RD AUSSENDURCHMESSER 101 M M
955	04180687				5	ST		Main bearing	Main bearing	6TH UNDERSIZE 93,50 MM RD
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 94,25 MM RD 94,00 MM RD 93,75 MM RD 93,50 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

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Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
961	02422303			2	ST		Thrust washer	Thrust washer	93,75 MM RD 6TH UNDERSIZE 93,50 MM RD

Materials order list

Order:
User:
Date of maintenance measure:

Customer:
Reference:
Equipment: 00007982110

Date/Time: 2020.08.27 03:36:14
EL-ID: B513L; EL-No.: 02975927
Equipment: 00007982110
Engine type: BF 8L 513
Materials for maintenance measure:
E30 -- inspection
E50 -- 2nd extended inspection
E60 -- intermediate overhaul
E70 -- major overhaul

No	Qty	Material	MS	VS	Weight	Total ..	Unit Price	Total Price	Designation	from ETL	AG	Item	Service	EL-ID	ID-No.	Quantity used
0001000	1	0111 8784			0,005	0,005			Sealing ring	0502 2358	2	5	E30	B513L	0020044	1
0002000	1	0111 8956	20	20	0,020	0,020			Screw plug	0502 2358	2	10	E30	B513L	0020052	1
0003000	1	0117 4421			0,777	0,777			Spin-on oil filter	0503 2122	15	1	E30	B513L	0150021	1
0004000	1	0116 5973			0,001	0,001			O-seal	0502 4918	1	2	E50	B513L	0010122	1
0005000	1	0111 8784			0,005	0,005			Sealing ring	0502 2358	2	5	E50	B513L	0020044	1
0006000	1	0111 8956	20	20	0,020	0,020			Screw plug	0502 2358	2	10	E50	B513L	0020052	1
0007000	1	0117 4421			0,777	0,777			Spin-on oil filter	0503 2122	15	1	E50	B513L	0150021	1
0008000	1	0116 5973			0,001	0,001			O-seal	0502 4918	1	2	E60	B513L	0010122	1
0009000	1	0241 8444			0,100	0,100			Valve insert	0504 2681	1	8	E60	B513L	0010183	1
0010000	1	0111 8784			0,005	0,005			Sealing ring	0502 2358	2	5	E60	B513L	0020044	1
0011000	1	0111 8956	20	20	0,020	0,020			Screw plug	0502 2358	2	10	E60	B513L	0020052	1
0012000	8	0414 7308			0,014	0,112			Gasket	0504 2633	8	4	E60	B513L	0080015	8
0013000	1	0117 4421			0,777	0,777			Spin-on oil filter	0503 2122	15	1	E60	B513L	0150021	1
0014000	8	0240 3867			0,005	0,040			Sealing ring	0503 3335	19	1	E60	B513L	0190004	8
0015000	8	0117 0540			0,005	0,040			O-seal	0503 3335	19	2	E60	B513L	0190007	8
0016000	1	0118 1048			0,135	0,135			Flame glow plug	0505 1520	26	1	E60	B513L	0260024	1
0017000	1	0111 8727			0,001	0,001			Sealing ring	0505 1519	26	8	E60	B513L	0260025	1
0018000	1	0242 1820			0,104	0,104			Rot.shaft lip seal	0501 3174	1	7	E70	B513L	0010043	1
0019000	1	0116 5973			0,001	0,001			O-seal	0502 4918	1	2	E70	B513L	0010122	1
0020000	1	0241 8444			0,100	0,100			Valve insert	0504 2681	1	8	E70	B513L	0010183	1
0021000	1	0242 1819			0,081	0,081			Rot.shaft lip seal	0504 2658	1	7	E70	B513L	0010368	1
0022000	1	0240 5130			0,240	0,240			Hose	0505 1093	2	2	E70	B513L	0020023	1
0023000	2	0117 3969			0,035	0,070			Hose clip	0505 1093	2	3	E70	B513L	0020024	2
0024000	1	0111 8784			0,005	0,005			Sealing ring	0502 2358	2	5	E70	B513L	0020044	1
0025000	1	0111 8956	20	20	0,020	0,020			Screw plug	0502 2358	2	10	E70	B513L	0020052	1
0026000	8	0418 3501	20	20	13,330	106,640			Cylinder	0505 0610	4	1	E70	B513L	0040001	8