

Equipment information

Equipment: 00000646281
Type: BF 6M1012C
Output: 0000111,0 kW
Speed: 2500 1/min
Build date: 28.08.2001
KLU-Number: 2500 0480/10
ETL scope: EU154979
MVS: 079

VKU date: 11.09.2001

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: 30

Assembly group directory

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CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0507 0148	Piston cool.nozzle	Piston cool.nozzle
1	0507 0165	Oil filler neck	Oil filler neck
1	0507 0272	Fastenings	Fastenings
1	0507 1022	Dipstick	Dipstick
1	0507 1876	Crankcase breather	Crankcase breather
1	0507 2272	Breather line	Breather line
1	0507 2884	Guide tube	Guide tube
1	0507 4433	Front cover	Front cover
1	0507 4441	Crankcase	Crankcase
2		Oil pan	
2	0507 0380	Oil pan	Oil pan
5		Crankshaft	
5	0507 0249	V-belt pulley assy	V-belt pulley assy
5	0507 0346	Flywheel	Flywheel
5	0507 0383	Fastenings	Fastenings
5	0507 0385	Vibration damper	Vibration damper
5	0507 2149	Crankshaft	Crankshaft
5	0507 2192	V-belt pulley assy	V-belt pulley assy
6		Connecting rod	
6	0507 0002	Connecting rod	Connecting rod
7		Piston	
7	0507 4445	Piston	Piston
8		Cylinder head	
8	0507 0164	Engine mounting	Engine mounting
8	0507 1877	Valve mechan.cover	Valve mechan.cover
8	0507 2727	Fastenings	Fastenings
8	0507 4490	Blanking parts	Blanking parts
8	0507 4627	Cylinder head	Cylinder head
9		Timing chest	
9	0507 1332	Gearcase	Gearcase
10		Camshaft	
10	0507 6048	Camshaft	Camshaft
11		Timing gears	
11	0507 2232	Rocker arm bracket	Rocker arm bracket
11	0507 4436	Valve drive	Valve drive
15		Lube oil/-cooler	
15	0503 7732	Filter cartridge	Filter cartridge
15	0507 0072	Blanking parts	Blanking parts
15	0507 1455	Fastenings	Fastenings
15	0507 4711	Oil cooler box	Oil cooler box
16		Oil pipes	
16	0507 2478	Oil suction pipe	Oil suction pipe
17		Injection pump	
17	0507 0528	Roller tappet	Roller tappet
17	0507 1245	Fastenings	Fastenings
17	0507 2855	Fuel inject. pump	Fuel inject. pump
19		Injector	
19	0507 0015	Fastenings	Fastenings

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19	0507 6190	Fuel injector	Fuel injector
20		Fuel filter	
20	0507 1031	Fastenings	Fastenings
20	0507 1050	Mating part	Mating part
20	0507 1680	Fuel pump	Fuel pump
20	0507 1791	Spin-on filter	Spin-on filter
20	0507 6010	Fuel prefilter	Fuel prefilter
21		Fuel pipes/fuel tank	
21	0507 1985	Fuel line	Fuel line
21	0507 2051	Overflow line	Overflow line
21	0507 2978	High pressure pipe	High pressure pipe
22		Suction pipe/air cleaner	
22	0507 0047	Blanking parts	Blanking parts
22	0507 0390	Manifold	Manifold
22	0507 0634	Charge air pipe	Charge air pipe
22	0507 1554	Air elbow	Air elbow
22	0507 1743	Cover	Cover
22	0507 1744	Cover	Cover
27		Speed control	
27	0507 0040	Fastenings	Fastenings
27	0507 1980	Controller	Controller
27	0507 2394	Fastenings	Fastenings
27	0507 2813	Control rod	Control rod
27	0507 4540	Idler gear	Idler gear
27	0507 6241	Inlet manifold	Inlet manifold
36		Water cooler	
36	0507 0780	Cooler assembly	Cooler assembly
36	0507 2348	Fastenings	Fastenings
36	0507 2414	Coolant cooler	Coolant cooler
37		Cooling water pump	
37	0507 0539	Fastenings	Fastenings
37	0507 2191	Narrow v-belt	Narrow v-belt
37	0507 2199	Driving parts	Driving parts
37	0507 6297	Cooling water pump	Cooling water pump
38		Water pipes	
38	0507 0310	Balancing line	Balancing line
38	0507 0455	Cooling water line	Cooling water line
38	0507 0462	Vent plug	Vent plug
38	0507 0542	Coolant pipe	Coolant pipe
38	0507 0632	Breather line	Breather line
38	0507 1341	Thermostat	Thermostat
39		Cooling air blower	
39	0507 0344	Air baffle	Air baffle
39	0507 0461	Mount	Mount
39	0507 0553	Narrow v-belt	Narrow v-belt
39	0507 2251	Tensioning pulley	Tensioning pulley
39	0507 4455	Cooling fan	Cooling fan
39	0507 4560	V-grooved pulley	V-grooved pulley
40		Cooling air ducting	
40	0507 1016	Base	Base

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CG	ETL-No.	Designation (en)	Designation (en)
40	0507 1090	Top part	Top part
40	0507 1107	Fastenings	Fastenings
40	0507 2548	Side plate/panel	Side plate/panel
40	0507 2552	Cover	Cover
40	0507 2555	Connecting sheet	Connecting sheet
40	0507 2556	Support plate	Support plate
40	0507 2559	Air baffle	Air baffle
40	0507 2576	Fastenings	Fastenings
40	0507 2577	Lock sheet	Lock sheet
40	0507 4417	End plate	End plate
41		Exhaust manifold	
41	0507 0724	Companion flange	Companion flange
41	0507 0731	Exhaust pipe	Exhaust pipe
43		Turbocharger	
43	0507 0678	Feed line	Feed line
43	0507 0734	Return line	Return line
43	0507 2921	Turbocharger	Turbocharger
43	0507 4940	Blanking parts	Blanking parts
44		Alternator/starter motor	
44	0501 4751	Driving parts	Driving parts
44	0506 4405	Generator	Generator
44	0506 7020	Parts of alternat.	Parts of alternat.
44	0507 0117	Narrow v-belt	Narrow v-belt
44	0507 0396	Driving parts	Driving parts
44	0507 0666	Fastenings	Fastenings
44	0507 2145	Accessories	Accessories
44	0507 2725	Starter	Starter
46		Engine mounting, rigid	
46	0507 0258	Mounting foot	Mounting foot
46	0507 4783	Spacer	Spacer
46	0507 4790	Spacer	Spacer
47		Engine mounting, flexible	
47	0507 0137	Accessories	Accessories
47	0507 0141	Accessories	Accessories
48		Electrical accessories	
48	0507 0149	Blanking parts	Blanking parts
48	0507 0295	Pressure sensor	Pressure sensor
48	0507 1488	Plug-in connector	Plug-in connector
48	0507 1692	Cover plate	Cover plate
48	0507 1706	Interconnect.cable	Interconnect.cable
48	0507 1715	Wiring	Wiring
48	0507 2236	Fastenings	Fastenings
48	0507 2571	Interconnect.cable	Interconnect.cable
48	0507 6087	Cable harness	Cable harness
51		Measuring instruments	
51	0507 1232	Temper.transmitter	Temper.transmitter
51	0507 2373	Accessories	Accessories
51	0507 6271	Level switch	Level switch
52		Clutch	
52	0507 0032	Fastenings	Fastenings
52	0507 4558	Bush	Bush

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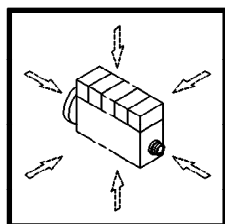
CG	ETL-No.	Designation (en)	Designation (en)
52	0507 4573	Connection housing	Connection housing
52	0507 4638	Cover plate	Cover plate
56		Engine shutdown	
56	0507 6186	Accessories	Accessories
56	0507 6187	Shutdown device	Shutdown device
58		Intercooler	
58	0507 2964	Cooler assembly	Cooler assembly
58	0507 2968	Air guidance	Air guidance
58	0507 2985	Charge air cooler	Charge air cooler
63		Starting aid	
63	0507 0159	Blanking parts	Blanking parts
83		Hydraulic pump	
83	0507 0066	Blanking parts	Blanking parts
83	0507 0067	Blanking parts	Blanking parts
83	0507 1160	Blanking parts	Blanking parts
90		Set of parts	
90	0507 0283	Cool.syst.protect.	Cool.syst.protect.
90	0507 0905	Gasket set	Gasket set

ETL no.: 0507 4441 Crankcase

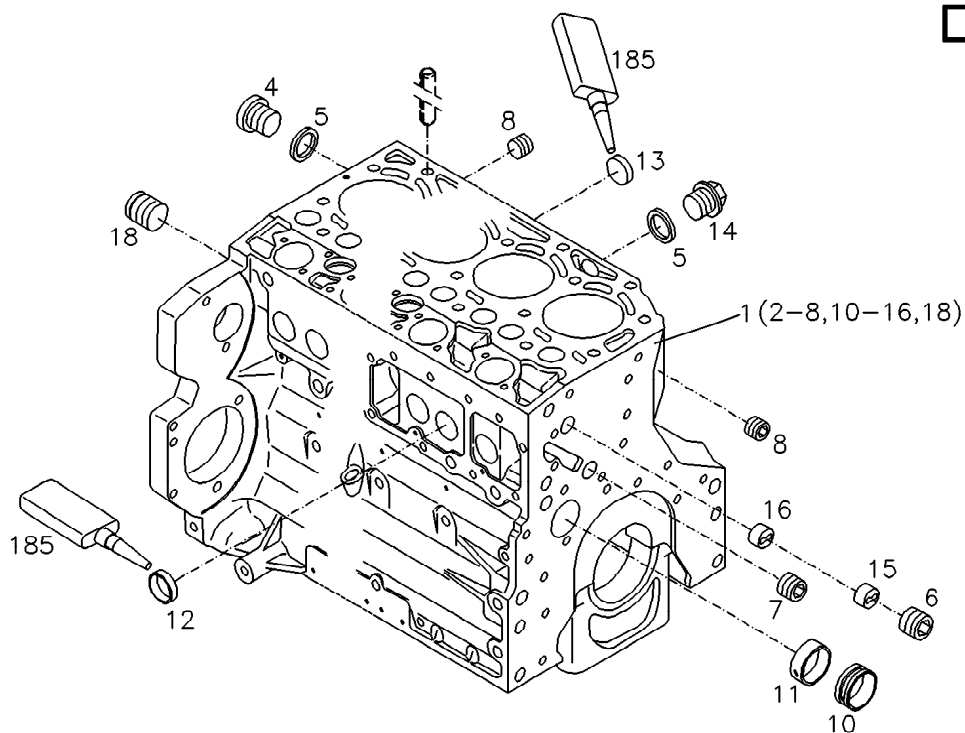
Constr. Group: 01

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001 ©



0507 4441

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04255763		90	90	1	ST		Crankcase	Crankcase	WITH ITEM.... (2-8,10-16,18)
2	04250345	Kit !	90	90	14	ST		Hexagon bolt	Hexagon bolt	
3	04160764				14	ST		Bush	Bush	
4	01110423				1	ST		Screw plug	Screw plug	
5	01118693				3	ST		Sealing ring	Sealing ring	
6	01180890				1	ST		Screw plug	Screw plug	
7	01180906				1	ST		Screw plug	Screw plug	
8	01180891				2	ST		Screw plug	Screw plug	
10	04251884	Kit !			6	ST		Bearing bush	Bearing bush	
11	04250086	Kit !			1	ST		Bearing bush	Bearing bush	
12	01148032				9	ST		Cover	Cover	
13	01148031				6	ST		Cover	Cover	
14	01100940				2	ST		Screw plug	Screw plug	
15	04202518				1	ST		Guide sleeve	Guide sleeve	
16	04202517				1	ST		Guide sleeve	Guide sleeve	
18	01181155				1	ST		Screw plug	Screw plug	
185	01016127		20	20	1	KG		Safety/lock.agent	Safety/lock.agent	

Materials order list

Order:

User:

Date of maintenance measure:

Customer:

Reference:

Equipment: 00000646281

Date/Time: 2020.06.09 00:08:15

EL-ID: 1012M; EL-No.: 03121883

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Materials for maintenance measure:

E30 -- inspection

E40 -- 1st extended inspection

E50 -- 2nd extended inspection

E70 -- major overhaul

RS Basis -- basic repair kit

RS Basis erw. -- extended basic repair kit

RS Zyl.K -- repair kit cylinder head

No	Qty	Material	MS	VS	Weight	Total ..	Unit Price	Total Price	Designation	from ETL	AG	Item	Service	EL-ID	ID-No.	Quantity used
0001000	2	0117 4311			0,001	0,002			O-seal	0507 1022	1	2	E30	1012M	0010049	2
0002000	2	0114 8891			0,002	0,004			Sealing ring	0507 0380	2	3	E30	1012M	0020004	2
0003000	1	0117 4421			0,777	0,777			Spin-on oil filter	0503 7732	15	1	E30	1012M	0150074	1
0004000	2	0117 4311			0,001	0,002			O-seal	0507 1022	1	2	E40	1012M	0010049	2
0005000	2	0114 8891			0,002	0,004			Sealing ring	0507 0380	2	3	E40	1012M	0020004	2
0006000	1	0428 3392			0,043	0,043			Gasket	0507 1877	8	6	E40	1012M	0080002	1
0007000	1	0419 8969			0,148	0,148			Gasket	0507 1877	8	2	E40	1012M	0080002	1