

Equipment information

Equipment: 00010189098
Type: BF 4M2011
Output: 0000060,0 kW
Speed: 2500 1/min
Build date: 27.06.2006
KLU-Number: 2500 6775/70019167
ETL scope: EU444149
MVS: 315

VKU date: 30.06.2006

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: 1

Assembly group directory

Equipment:	00010189098	Engine type:	BF 4M2011
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ETL scope:	EU444149		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0507 4210	Crankcase breather	Crankcase breather
1	0507 7818	Dipstick	Dipstick
1	0507 9161	Engine block	Engine block
1	0507 9188	Rear end cover	Rear end cover
2		Oil pan	
2	0506 8169	Oil pan	Oil pan
5		Crankshaft	
5	0505 1752	Power take-off	Power take-off
5	0506 8138	Crankshaft	Crankshaft
5	0507 4151	Flywheel	Flywheel
5	0507 4230	Accessories	Accessories
6		Connecting rod	
6	0507 7880	Connecting rod	Connecting rod
7		Piston	
7	0507 9253	Piston	Piston
8		Cylinder head	
8	0506 7612	Filler cap	Filler cap
8	0506 9155	Valve mechan.cover	Valve mechan.cover
8	0507 4211	Cylinder head	Cylinder head
8	0507 7836	Fastenings	Fastenings
10		Camshaft	
10	0507 9021	Fastenings	Fastenings
10	0507 9185	Camshaft drive	Camshaft drive
10	0507 9197	Protection hood	Protection hood
10	0511 3634	Camshaft	Camshaft
11		Timing gears	
11	0505 1930	Rocker arm bracket	Rocker arm bracket
11	0506 7617	Valve drive	Valve drive
14		Lube oil pump	
14	0507 9248	Oil pump	Oil pump
15		Lube oil/-cooler	
15	0506 4400	Lubric. oil filter	Lubric. oil filter
15	0507 7896	Bracket	Bracket
15	0507 7917	Pilot line	Pilot line
16		Oil pipes	
16	0506 7710	Heater connection	Heater connection
16	0506 8147	Radiator connect.	Radiator connect.
16	0506 8258	Oil return pipe	Oil return pipe
16	0506 9035	Lubricat. oil line	Lubricat. oil line
16	0507 4077	Oil suction pipe	Oil suction pipe
17		Injection pump	
17	0506 7639	Screw plug	Screw plug
17	0511 3631	Fuel inject. pump	Fuel inject. pump
17	0511 3632	Fastenings	Fastenings
19		Injector	
19	0507 9013	Fuel injector	Fuel injector
20		Fuel filter	

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CG	ETL-No.	Designation (en)	Designation (en)
20	0506 7542	Filter cartridge	Filter cartridge
20	0506 8026	Bracket	Bracket
20	0511 3678	Fuel supply pump	Fuel supply pump
21		Fuel pipes/fuel tank	
21	0507 9002	Fuel line	Fuel line
21	0507 9015	High pressure pipe	High pressure pipe
21	0507 9172	Fuel line	Fuel line
21	0507 9296	Fuel line	Fuel line
21	0507 9299	Fuel line	Fuel line
22		Suction pipe/air cleaner	
22	0506 3419	Blanking parts	Blanking parts
22	0506 8283	Blanking parts	Blanking parts
22	0507 9206	Charge air pipe	Charge air pipe
26		Heater plug installation	
26	0506 3365	Glow plug	Glow plug
27		Speed control	
27	0506 7616	Control rod	Control rod
27	0507 9041	Front cover/govern	Front cover/govern
27	0507 9118	Torque contr.sprg.	Torque contr.sprg.
27	0507 9154	Solenoid	Solenoid
27	0511 3614	Torge adapter	Torge adapter
33		Air compressor	
33	0507 4236	Blanking parts	Blanking parts
39		Cooling air blower	
39	0506 7768	V-grooved pulley	V-grooved pulley
39	0506 7772	Fastenings	Fastenings
39	0507 9164	Fan support	Fan support
39	0507 9165	Fastenings	Fastenings
39	0507 9166	Fastenings	Fastenings
41		Exhaust manifold	
41	0506 3108	Companion flange	Companion flange
41	0506 9183	Exhaust manifold	Exhaust manifold
43		Turbocharger	
43	0507 9011	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0505 0253	Narrow v-belt	Narrow v-belt
44	0507 9132	Generator	Generator
44	0507 9167	Bracket	Bracket
44	0507 9168	Fastenings	Fastenings
44	0507 9244	Starter	Starter
48		Electrical accessories	
48	0507 4134	Control unit	Control unit
51		Measuring instruments	
51	0506 7636	Oil pressur.switch	Oil pressur.switch
51	0511 3667	Temper.transmitter	Temper.transmitter
52		Clutch	
52	0506 3423	Connection housing	Connection housing
56		Engine shutdown	
56	0507 9085	Shutdown device	Shutdown device

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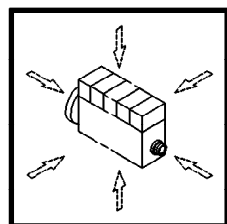
CG	ETL-No.	Designation (en)	Designation (en)
56	0507 9139	Fastenings	Fastenings
56	0507 9140	Blanking parts	Blanking parts
90		Set of parts	
90	0507 4086	Supplem.gasket set	Supplem.gasket set
90	0507 7823	Gasket set	Gasket set
90	0511 9030	Engine oil	Engine oil
98		Optional extras	
98	0211 2403	Locking screw	Locking screw
98	0417 0886	Compression spring	Compression spring

ETL no.: 0507 9161 Engine block

Constr. Group: 01

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0507 9161

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04281941				1	ST		Engine block	Engine block	Mit Pos...(2-19)
3	04178154				3	ST		Wrapped bear. bush	Wrapped bear. bush	
4	04287999				2	ST		Guide sleeve	Guide sleeve	
5	04178741				1	ST		Screw plug	Screw plug	
7	04271453				2	ST		Screw plug	Screw plug	
8	01180891				1	ST		Screw plug	Screw plug	
9	01180889				1	ST		Screw plug	Screw plug	
10	01180887				1	ST		Screw plug	Screw plug	
11	04178218				1	ST		Tube	Tube	
12	04270312				1	ST		Screw plug	Screw plug	Mit Pos....(40)
14	01182090				8	ST		Stud	Stud	
15	01180888				1	ST		Screw plug	Screw plug	
16	02108134				10	ST		Hexagon bolt	Hexagon bolt	
17	03362279				10	ST		Bush	Bush	
18	04179928	90	90		1	ST		Thermostat	Thermostat	Mit Pos....(19)
19	04178238				1	ST		Compression spring	Compression spring	
25	04178452				8	ST		Piston cool.nozzle	Piston cool.nozzle	
26	01148153				1	ST		Cover	Cover	
27	01180886				1	ST		Screw plug	Screw plug	
28	01110422				1	ST		Screw plug	Screw plug	
29	01118673				1	ST		Sealing ring	Sealing ring	
40	01180446				1	ST		O-seal	O-seal	
189	01016125	20	20		0,010	KG		Safety/lock.agent	Safety/lock.agent	

Materials order list

Order:

User:

Date of maintenance measure:

Customer:

Reference:

Equipment: 00010189098

Date/Time: 2020.09.16 11:32:20

EL-ID: 2011M; EL-No.: 03123552

Equipment: 00010189098

Engine type: BF 4M2011

Materials for maintenance measure:

E30 -- inspection

E40 -- 1st extended inspection

E50 -- 2nd extended inspection

E60 -- intermediate overhaul

E70 -- major overhaul

EB KK 1 -- initial stock CC1

EB KK 2 -- initial stock CC2

EB KK 3 -- initial stock CC3

NT KK 1 -- standard parts CC1

NT KK 2 -- standard parts CC2

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	0118 0693			0,001	0,001			O-seal	0507 7818	1	2	E30	2011M	0010050	1
0002000	2	0111 8718			0,002	0,004			Sealing ring	0506 8169	2	2	E30	2011M	0020002	2
0003000	8	0101 7932			0,000	0,000			Engine oil	0506 8169	2	10	E30	2011M	0020050	8
0004000	1	0427 1076	90	90	0,043	0,043			Gasket	0506 9155	8	2	E30	2011M	0080004	1
0005000	1	0117 4416			0,328	0,328			Spin-on oil filter	0506 4400	15	1	E30	2011M	0150001	1
0006000	1	0134 0488			0,031	0,031			Repair kit	0511 3678	20	6	E30	2011M	0200016	1
0007000	1	0118 0693			0,001	0,001			O-seal	0507 7818	1	2	E40	2011M	0010050	1
0008000	2	0111 8718			0,002	0,004			Sealing ring	0506 8169	2	2	E40	2011M	0020002	2
0009000	8	0101 7932			0,000	0,000			Engine oil	0506 8169	2	10	E40	2011M	0020050	8
0010000	1	0427 1076	90	90	0,043	0,043			Gasket	0506 9155	8	2	E40	2011M	0080004	1
0011000	1	0117 4416			0,328	0,328			Spin-on oil filter	0506 4400	15	1	E40	2011M	0150001	1
0012000	1	0117 4482			0,445	0,445			Spin-on fuel filt.	0506 7542	20	1	E40	2011M	0200011	1
0013000	1	0134 0488			0,031	0,031			Repair kit	0511 3678	20	6	E40	2011M	0200016	1
0014000	1	0118 0693			0,001	0,001			O-seal	0507 7818	1	2	E50	2011M	0010050	1
0015000	2	0111 8718			0,002	0,004			Sealing ring	0506 8169	2	2	E50	2011M	0020002	2
0016000	8	0101 7932			0,000	0,000			Engine oil	0506 8169	2	10	E50	2011M	0020050	8
0017000	1	0427 1076	90	90	0,043	0,043			Gasket	0506 9155	8	2	E50	2011M	0080004	1
0018000	1	0417 3067			0,194	0,194			Thrust washer	0511 3634	10	1	E50	2011M	0100002	1
0019000	1	0428 6544			1,692	1,692			Synchr.belt pulley	0507 9185	10	1	E50	2011M	0100010	1
0020000	1	0293 1485	20	20	1,018	1,018			Repair kit	0507 9185	10	10	E50	2011M	0100013	1