

Equipment information

Equipment: 00000201479
Type: BF 4M1012C
Output: 0000078,0 kW
Speed: 2500 1/min
Build date: 03.04.1997
KLU-Number:
ETL scope: EU205613
MVS: 822

VKU date: 03.04.1997

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	0507 0065	Oil gauge	Oil gauge
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 1021	Dipstick	Dipstick
1	0507 1462	Front cover	Front cover
1	0507 1688	Blanking parts	Blanking parts
1	0507 1734	Crankcase	Crankcase
1	0507 1876	Crankcase breather	Crankcase breather
1	0507 2262	Breather line	Breather line
2		Oil pan	
2	0507 0162	Oil pan	Oil pan
5		Crankshaft	
5	0507 0074	Vibration damper	Vibration damper
5	0507 0249	V-belt pulley assy	V-belt pulley assy
5	0507 0346	Flywheel	Flywheel
5	0507 0383	Fastenings	Fastenings
5	0507 2148	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 0001	Piston	Piston
8		Cylinder head	
8	0507 0003	Cylinder head	Cylinder head
8	0507 0004	Fastenings	Fastenings
8	0507 0164	Engine mounting	Engine mounting
8	0507 0427	Valve mechan.cover	Valve mechan.cover
9		Timing chest	
9	0507 1332	Gearcase	Gearcase
10		Camshaft	
10	0507 1747	Camshaft	Camshaft
11		Timing gears	
11	0507 0005	Rocker arm bracket	Rocker arm bracket
11	0507 2198	Valve drive	Valve drive
11	0507 2231	Rocker arm bracket	Rocker arm bracket
15		Lube oil/-cooler	
15	0503 7734	Filter cartridge	Filter cartridge
15	0507 0072	Blanking parts	Blanking parts
15	0507 0609	Oil cooler fasten.	Oil cooler fasten.
15	0507 1453	Fastenings	Fastenings
15	0507 1456	Fastenings	Fastenings
15	0507 1457	Oil cooler box	Oil cooler box
15	0507 1458	Oil cooler	Oil cooler
15	0507 1466	Hydraul.oil cooler	Hydraul.oil cooler
16		Oil pipes	
16	0507 0503	Oil suction pipe	Oil suction pipe
17		Injection pump	

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17	0507 0528	Roller tappet	Roller tappet
17	0507 1245	Fastenings	Fastenings
17	0507 1777	Fuel inject. pump	Fuel inject. pump
19		Injector	
19	0507 0015	Fastenings	Fastenings
19	0507 0146	Fuel injector	Fuel injector
20		Fuel filter	
20	0507 1003	Fuel prefilter	Fuel prefilter
20	0507 1031	Fastenings	Fastenings
20	0507 1049	Mating part	Mating part
20	0507 1680	Fuel pump	Fuel pump
20	0507 1791	Spin-on filter	Spin-on filter
21		Fuel pipes/fuel tank	
21	0507 0304	Overflow line	Overflow line
21	0507 1985	Fuel line	Fuel line
21	0507 2139	High pressure pipe	High pressure pipe
22		Suction pipe/air cleaner	
22	0506 8290	Maint indicator	Maint indicator
22	0506 9540	Cap	Cap
22	0507 0048	Plug	Plug
22	0507 0063	Charge air pipe	Charge air pipe
22	0507 1553	Air elbow	Air elbow
22	0507 1745	Cover	Cover
22	0507 1746	Cover	Cover
22	0507 1933	Manifold	Manifold
22	0507 2243	Air cleaner	Air cleaner
27		Speed control	
27	0507 0014	Control rod	Control rod
27	0507 0038	Idler gear	Idler gear
27	0507 0039	Inlet manifold	Inlet manifold
27	0507 0040	Fastenings	Fastenings
27	0507 0620	Mount	Mount
27	0507 1980	Controller	Controller
36		Water cooler	
36	0507 1018	Water cooler	Water cooler
36	0507 1564	Cooler assembly	Cooler assembly
37		Cooling water pump	
37	0507 0539	Fastenings	Fastenings
37	0507 0769	Cooling water pump	Cooling water pump
37	0507 2191	Narrow v-belt	Narrow v-belt
37	0507 2199	Driving parts	Driving parts
38		Water pipes	
38	0507 0236	Cooling water line	Cooling water line
38	0507 0310	Balancing line	Balancing line
38	0507 0450	Thermostat	Thermostat
38	0507 0462	Vent plug	Vent plug
38	0507 0542	Coolant pipe	Coolant pipe
38	0507 1915	Breather line	Breather line
39		Cooling air blower	
39	0507 0461	Mount	Mount

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39	0507 0796	Narrow v-belt	Narrow v-belt
39	0507 1682	V-grooved pulley	V-grooved pulley
39	0507 2250	Cooling fan	Cooling fan
39	0507 2251	Tensioning pulley	Tensioning pulley
40		Cooling air ducting	
40	0507 0755	Top part	Top part
40	0507 0776	Partit./bulkhead	Partit./bulkhead
40	0507 1104	End plate	End plate
40	0507 1140	Covering hood	Covering hood
40	0507 1362	Hole cover	Hole cover
40	0507 1518	Base	Base
40	0507 1520	Fastening rail	Fastening rail
40	0507 1527	Fastenings	Fastenings
40	0507 1585	Fixing bracket	Fixing bracket
40	0507 1731	Air baffle	Air baffle
41		Exhaust manifold	
41	0500 2097	Flange	Flange
41	0507 0049	Exhaust pipe	Exhaust pipe
41	0507 0214	Exhaust manifold	Exhaust manifold
43		Turbocharger	
43	0507 0055	Lubricat. oil line	Lubricat. oil line
43	0507 0057	Blanking parts	Blanking parts
43	0507 0060	Turbocharger	Turbocharger
43	0507 1027	Feed line	Feed line
43	0507 1028	Screw-in nipple	Screw-in nipple
44		Alternator/starter motor	
44	0501 4751	Driving parts	Driving parts
44	0502 8901	Parts start.motor	Parts start.motor
44	0507 0117	Narrow v-belt	Narrow v-belt
44	0507 0218	Starter	Starter
44	0507 0247	Generator	Generator
44	0507 0396	Driving parts	Driving parts
44	0507 0666	Fastenings	Fastenings
44	0507 1448	Parts of alternat.	Parts of alternat.
44	0507 2145	Accessories	Accessories
46		Engine mounting, rigid	
46	0507 0258	Mounting foot	Mounting foot
46	0507 1490	Fastenings	Fastenings
46	0507 1491	Fastenings	Fastenings
46	0507 1493	Spacer	Spacer
47		Engine mounting, flexible	
47	0507 0137	Accessories	Accessories
47	0507 0141	Accessories	Accessories
48		Electrical accessories	
48	0500 2419	Indicator light	Indicator light
48	0500 3743	Indicator light	Indicator light
48	0502 2211	Indicator light	Indicator light
48	0504 2855	Indicator light	Indicator light
48	0507 0150	Oil pressur.switch	Oil pressur.switch
48	0507 0265	Sensor	Sensor
48	0507 0312	Bracket	Bracket

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48	0507 0313	Accessories	Accessories
48	0507 0327	Connecting pipe	Connecting pipe
48	0507 1107	Fastenings	Fastenings
48	0507 1169	Cover plate	Cover plate
48	0507 1486	Plug-in connector	Plug-in connector
48	0507 1488	Plug-in connector	Plug-in connector
48	0507 1714	Wiring	Wiring
48	0507 2236	Fastenings	Fastenings
48	0507 2238	Cable harness	Cable harness
51		Measuring instruments	
51	0507 0181	Temperature gauge	Temperature gauge
51	0507 0263	Level switch	Level switch
51	0507 0264	Accessories	Accessories
51	0507 1232	Temper.transmitter	Temper.transmitter
52		Clutch	
52	0507 0032	Fastenings	Fastenings
52	0507 0175	Cover plate	Cover plate
52	0507 1186	Connection housing	Connection housing
56		Engine shutdown	
56	0507 0260	Accessories	Accessories
56	0507 1657	Shutdown device	Shutdown device
58		Intercooler	
58	0507 1092	Angle plate	Angle plate
58	0507 1923	Air guidance	Air guidance
58	0507 2022	Charge air cooler	Charge air cooler
58	0507 2257	Cooler assembly	Cooler assembly
63		Starting aid	
63	0507 0159	Blanking parts	Blanking parts
75		Heating system	
75	0507 1162	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 0904	Gasket set	Gasket set

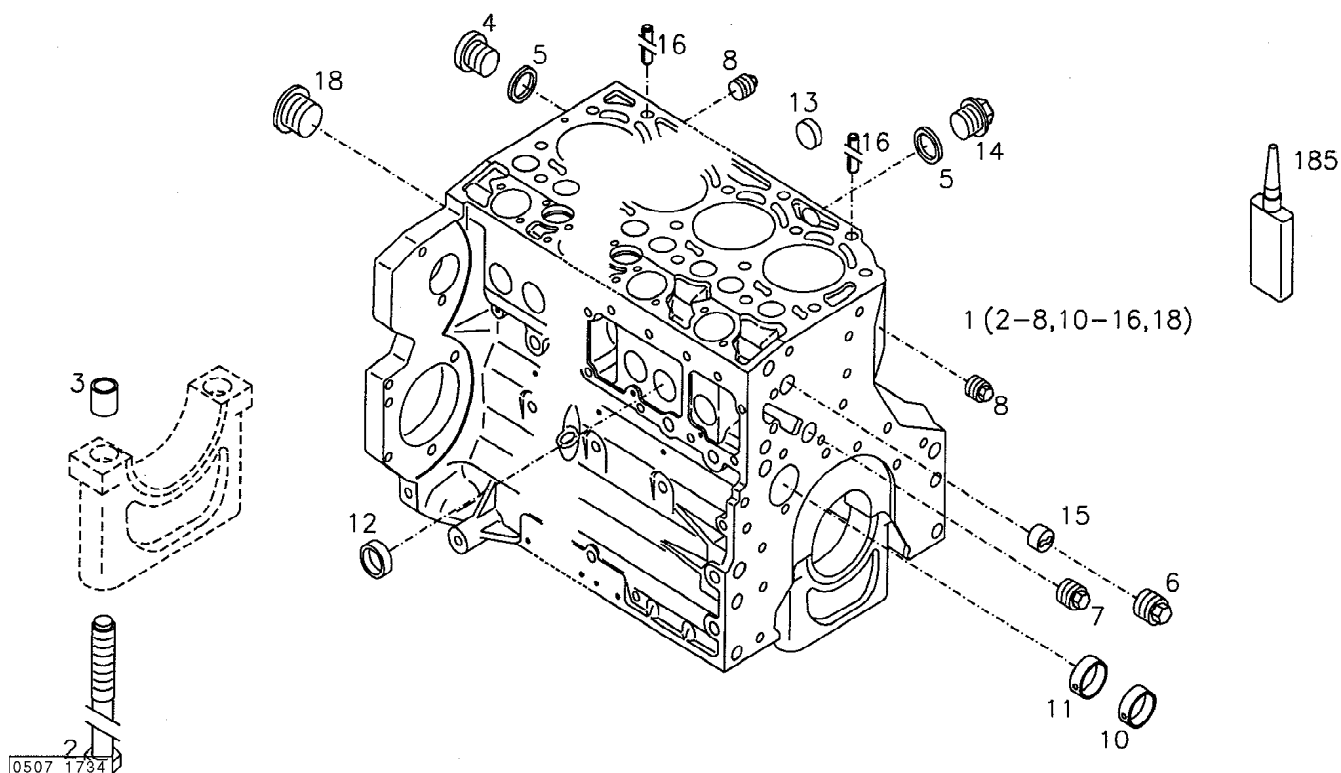
ETL no.: 0507 1734 Crankcase

Constr. Group: 01

Equipment: 00000201479
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001



Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04206646		50	50	1	ST		Crankcase	Crankcase	WITH ITEM.... (2-8,10-16,18)
2	04156058	Kit !			10	ST		Hexagon set screw	Hexagon set screw	
3	04160764				10	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	04195719	Kit !			4	ST		Wrapped bear. bush	Wrapped bear. bush	
11	04195718	Kit !			1	ST		Wrapped bear. bush	Wrapped bear. bush	
12	01179635		20	20	6	ST		Core hole plug	Core hole plug	
13	01179634		20	20	4	ST		Core hole plug	Core hole plug	
14	01100940				2	ST		Screw plug	Screw plug	
15	04202518				1	ST		Guide sleeve	Guide sleeve	
16	01181405				2	ST		Clamping bush	Clamping bush	
18	01165790				1	ST		Slotted plug	Slotted 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: 00000201479

Date/Time: 2020.05.07 13:53:20
EL-ID: 1012M; EL-No.: 03121883
Equipment: 00000201479
Engine type: BF 4M1012C
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 1021	1	2	E30	1012M	0010049	2
0002000	3	0114 8891			0,002	0,006			Sealing ring	0507 0162	2	3	E30	1012M	0020004	3
0003000	1	0117 4418			0,520	0,520			Spin-on oil filter	0503 7734	15	1	E30	1012M	0150074	1
0004000	2	0117 4311			0,001	0,002			O-seal	0507 1021	1	2	E40	1012M	0010049	2
0005000	3	0114 8891			0,002	0,006			Sealing ring	0507 0162	2	3	E40	1012M	0020004	3
0006000	1	0428 3391			0,035	0,035			Gasket	0507 0427	8	8	E40	1012M	0080002	1
0007000	1	0419 8796			0,050	0,050			Gasket	0507 0427	8	2	E40	1012M	0080002	1
0008000	1	0117 4418			0,520	0,520			Spin-on oil filter	0503 7734	15	1	E40	1012M	0150074	1
0009000	1	0118 0596			0,286	0,286			Spin-on fuel filt.	0507 1791	20	1	E40	1012M	0200012	1
0010000	1	0134 0114			0,301	0,301			Filter insert	0507 1003	20	1	E40	1012M	0200035	1
0011000	1	0126 3156			0,004	0,004			Gasket	0507 1003	20	3	E40	1012M	0200037	1
0012000	2	0111 8641			0,001	0,002			Sealing ring	0507 1003	20	9	E40	1012M	0200069	2
0013000	1	0293 1501			0,123	0,123			Overflow line	0507 0304	21	1	E40	1012M	0210053	1
0014000	2	0117 4311			0,001	0,002			O-seal	0507 1021	1	2	E50	1012M	0010049	2
0015000	1	0420 6233			0,001	0,001			Gasket	0507 1876	1	2	E50	1012M	0010061	1
0016000	3	0114 8891			0,002	0,006			Sealing ring	0507 0162	2	3	E50	1012M	0020004	3
0017000	1	0117 4418			0,520	0,520			Spin-on oil filter	0503 7734	15	1	E50	1012M	0150074	1
0018000	1	0131 9258			0,633	0,633			Filter insert	0507 2243	22	2	E50	1012M	0220013	1
0019000	1	0118 0871			0,319	0,319			Safety cartridge	0507 2243	22	7	E50	1012M	0220014	1
0020000	10	0415 6058			0,167	1,670			Hexagon set screw	0507 1734	1	2	E70	1012M	0010002	10
0021000	4	0419 5719			0,054	0,216			Wrapped bear. bush	0507 1734	1	10	E70	1012M	0010009	4
0022000	1	0419 5718			0,072	0,072			Wrapped bear. bush	0507 1734	1	11	E70	1012M	0010010	1
0023000	1	0118 1084			0,040	0,040			Filler cap	0507 0165	1	3	E70	1012M	0010042	1