

Equipment information

Equipment: 00000616658
Type: BF 4L1011F
Output: 0000053,0 kW
Speed: 2800 1/min
Build date: 20.04.2001
KLU-Number: 2500 3147/02
ETL scope: EU153198
MVS: 079

VKU date: 27.04.2001

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

Equipment:	00000616658	Engine type:	BF 4L1011F
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ETL scope:	EU153198		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0505 1009	Rear end cover	Rear end cover
1	0506 7707	Crankcase	Crankcase
1	0506 7791	Dipstick	Dipstick
1	0506 8278	Crankcase breather	Crankcase breather
2		Oil pan	
2	0506 9057	Oil pan	Oil pan
5		Crankshaft	
5	0505 1751	Accessories	Accessories
5	0506 4056	Power take-off	Power take-off
5	0506 9049	Crankshaft	Crankshaft
5	0507 4151	Flywheel	Flywheel
6		Connecting rod	
6	0507 4071	Connecting rod	Connecting rod
7		Piston	
7	0506 9168	Piston	Piston
8		Cylinder head	
8	0506 7612	Filler cap	Filler cap
8	0506 9005	Valve mechan.cover	Valve mechan.cover
8	0507 4127	Fastenings	Fastenings
8	0507 4166	Cylinder head	Cylinder head
10		Camshaft	
10	0505 1783	Fastenings	Fastenings
10	0506 7701	Camshaft drive	Camshaft drive
10	0506 8005	Protection hood	Protection hood
10	0506 8174	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	0506 7615	Lubricat. oil pump	Lubricat. oil pump
15		Lube oil/-cooler	
15	0506 4400	Lubric. oil filter	Lubric. oil filter
15	0506 7661	Bracket	Bracket
15	0506 7780	Oil cooler	Oil cooler
16		Oil pipes	
16	0506 7624	Press.relief valve	Press.relief valve
16	0506 7625	Oil suction line	Oil suction line
16	0506 8258	Oil return pipe	Oil return pipe
16	0506 9035	Lubricat. oil line	Lubricat. oil line
17		Injection pump	
17	0506 7639	Screw plug	Screw plug
17	0506 8098	Fastenings	Fastenings
17	0506 8179	Fuel inject. pump	Fuel inject. pump
19		Injector	
19	0506 8001	Fuel injector	Fuel injector
20		Fuel filter	
20	0506 7542	Filter cartridge	Filter cartridge

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20	0506 7638	Fuel supply pump	Fuel supply pump
20	0506 8026	Bracket	Bracket
21		Fuel pipes/fuel tank	
21	0506 7649	Overflow line	Overflow line
21	0506 7702	Fuel line	Fuel line
21	0506 8027	Fuel line	Fuel line
21	0506 8105	Fuel line	Fuel line
21	0507 4040	High pressure pipe	High pressure pipe
22		Suction pipe/air cleaner	
22	0506 3419	Blanking parts	Blanking parts
22	0506 8275	Charge air pipe	Charge air pipe
22	0506 9171	Transfer pipe	Transfer pipe
27		Speed control	
27	0506 3347	Blanking parts	Blanking parts
27	0506 7616	Control rod	Control rod
27	0506 8035	Front cover/govern	Front cover/govern
27	0507 4239	Limit stop	Limit stop
33		Air compressor	
33	0505 1611	Blanking parts	Blanking parts
39		Cooling air blower	
39	0505 1119	Tensioning pulley	Tensioning pulley
39	0506 7517	Narrow v-belt	Narrow v-belt
39	0506 8069	Blower jacket	Blower jacket
39	0507 4177	Cooling fan	Cooling fan
40		Cooling air ducting	
40	0506 7794	Air guide hood	Air guide hood
40	0506 8013	Sectional rubber	Sectional rubber
40	0506 8215	Air guidance	Air guidance
40	0507 4087	Air duct rear wall	Air duct rear wall
40	0507 4088	Fastenings	Fastenings
41		Exhaust manifold	
41	0506 3108	Companion flange	Companion flange
41	0506 9629	Exhaust manifold	Exhaust manifold
43		Turbocharger	
43	0507 4265	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0506 8014	Generator	Generator
44	0507 4199	Starter	Starter
46		Engine mounting, rigid	
46	0506 7596	Engine mounting	Engine mounting
48		Electrical accessories	
48	0506 7715	Electric line	Electric line
48	0506 8111	Fastenings	Fastenings
48	0506 8115	Plug housing	Plug housing
48	0506 8214	Signal light	Signal light
48	0506 8273	Fastenings	Fastenings
48	0506 9188	Bracket	Bracket
48	0507 4042	Cable harness	Cable harness
51		Measuring instruments	

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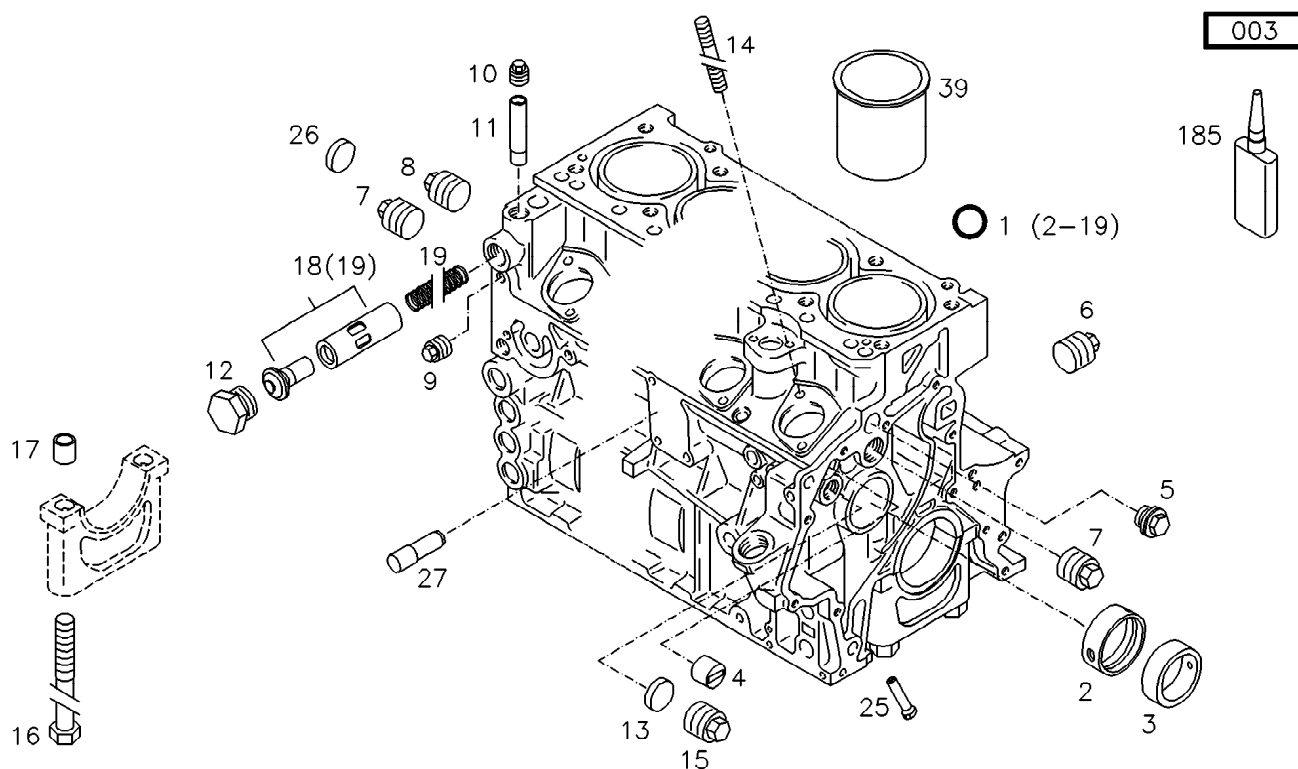
CG	ETL-No.	Designation (en)	Designation (en)
51	0506 7637	Temper.transmitter	Temper.transmitter
51	0506 8119	Pressure sensor	Pressure sensor
51	0507 5523	Temperature gauge	Temperature gauge
51	0507 6946	Adapter ring	Adapter ring
52		Clutch	
52	0505 1339	Connection housing	Connection housing
52	0505 1756	Cover plate	Cover plate
56		Engine shutdown	
56	0507 4248	Shutdown device	Shutdown device
57		V-belt guard	
57	0506 3178	V-belt guard	V-belt guard
90		Set of parts	
90	0506 8247	Supplem.gasket set	Supplem.gasket set
90	0506 8248	Gasket set	Gasket set

ETL no.: 0506 7707 Crankcase

Constr. Group: 01

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0506 7707

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04178912			1	ST		Engine block	Engine block	SPAREPART (NEW), REMANUFACTURED PART SEE ITEM (A) COMPL. WIT H ITEM (2-19) (A) 952 BF 4L1011F M.ABGASOPT.KOLBEN U .O.LDA (A) 953 BFL U.BF 4M1011 MELROE M.STANDARD KOLBEN U .O.LDA
2	04178155	Kit !		2	ST		Wrapped bear. bush	Wrapped bear. bush	
3	04178154	Kit !		3	ST		Wrapped bear. bush	Wrapped bear. bush	
4	04287999			2	ST		Guide sleeve	Guide sleeve	
5	04178741			1	ST		Screw plug	Screw plug	
6	01180889			1	ST		Screw plug	Screw plug	
7	04271453			2	ST		Screw plug	Screw plug	
8	01180891			1	ST		Screw plug	Screw plug	
9	01180886			1	ST		Screw plug	Screw plug	
10	01180887			1	ST		Screw plug	Screw plug	
11	04178218			1	ST		Tube	Tube	

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
12	04270312				1	ST		Screw plug	Screw plug	WITH ITEM.... (40)
13	01144499				1	ST		Cover	Cover	
14	01179646		90	90	8	ST		Stud	Stud	
15	01180888				2	ST		Screw plug	Screw plug	
16	02108134	Kit !			10	ST		Hexagon bolt	Hexagon bolt	
17	03362279				10	ST		Bush	Bush	
18	04179928	Kit !	90	90	1	ST		Thermostat	Thermostat	WITH ITEM.... (19)
19	04178238				1	ST		Compression spring	Compression spring	
25	04178452				8	ST		Piston cool.nozzle	Piston cool.nozzle	
26	01138121				1	ST		Cover	Cover	
27	04179960				1	ST		Pin	Pin	
39	04179444	Kit !			4	ST		Cylinder liner	Cylinder liner	
40	01180446				1	ST		O-seal	O-seal	
185	01016127		20	20	1	KG		Safety/lock.agent	Safety/lock.agent	
952	02931006			70	1	ST		Short block	Short block	REMANUFACTURED PART, COMPRISING ITEMS ... -CYL-CRANKASE -CRANKSHAFT -MAIN BEARING -CONNECTING ROD/BEAR. S HELL -CAMSHAFT BUSH -PISTON -STOP WASHER BFM M.ABGASOPTI.KOLBEN O.LDA
953	02931007			70	1	ST		Short block	Short block	REMANUFACTURED PART, COMPRISING ITEMS ... -CYL-CRANKASE -CRANKSHAFT -MAIN BEARING -CONNECTING ROD/BEAR. S HELL -CAMSHAFT BUSH -PISTON -STOP WASHER BFL U.BFM1011MELROE M.STANDARD KOLBEN U.O.L DA

Materials order list

Order:

User:

Date of maintenance measure:

Customer:

Reference:

Equipment: 00000616658

Date/Time: 2020.07.04 00:57:25

EL-ID: 1011F; EL-No.: 02977793

Equipment: 00000616658

Engine type: BF 4L1011F

Materials for maintenance measure:

E30 -- inspection

E60 -- intermediate overhaul

E70 -- major overhaul

RS E.ventil -- repair kit fuel injector

RS Kurb.welle -- repair kit crankshaft

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	0111 8718			0,002	0,004			Sealing ring	0506 9057	2	4	E30	1011F	0020002	2
0002000	1	0117 4416			0,328	0,328			Spin-on oil filter	0506 4400	15	1	E30	1011F	0150001	1
0003000	2	0111 8718			0,002	0,004			Sealing ring	0506 9057	2	4	E60	1011F	0020002	2
0004000	1	0417 9847	90	90	0,041	0,041			Gasket	0506 9005	8	2	E60	1011F	0080004	1
0005000	1	0117 4416			0,328	0,328			Spin-on oil filter	0506 4400	15	1	E60	1011F	0150001	1
0006000	1	0117 4482			0,445	0,445			Spin-on fuel filt.	0506 7542	20	1	E60	1011F	0200003	1
									Thermostat	0506 7707	1	18	E70			
									Hexagon bolt	0506 7707	1	16	E70			