

Equipment information

Equipment: 00008163854
Type: F 6L 413FRW
Output: 0000102,0 kW
Speed: 2300 1/min
Build date: 20.05.1999
KLU-Number: 0306 0405/00
ETL scope: EU221841
MVS: 912

VKU date: 20.05.1999

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

Equipment:	00008163854	Engine type:	F 6L 413FRW
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CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0500 0999	Exchange engine	Exchange engine
1	0500 5631	Rear end cover	Rear end cover
1	0500 5632	Front cover	Front cover
1	0500 5634	Crankshaft seal	Crankshaft seal
1	0502 3577	Handling eye	Handling eye
1	0503 2231	Piston cooling	Piston cooling
1	0503 3408	Transp.suspension	Transp.suspension
1	0503 7001	Oil filler	Oil filler
1	0503 7951	Crankcase	Crankcase
1	0504 2349	Guide tube	Guide tube
1	0504 2350	Bracket	Bracket
1	0505 0716	Dipstick	Dipstick
1	0505 0786	Crankcase breather	Crankcase breather
1	0506 4525	Guide tube	Guide tube
2		Oil pan	
2	0503 0102	Oil pan	Oil pan
4		Cylinder	
4	0504 2422	Cylinder	Cylinder
5		Crankshaft	
5	0501 9119	Bearing bush	Bearing bush
5	0501 9120	Flywheel	Flywheel
5	0503 2230	Crankshaft	Crankshaft
5	0504 2331	Driving parts	Driving parts
6		Connecting rod	
6	0500 5659	Connecting rod	Connecting rod
7		Piston	
7	0503 7940	Piston	Piston
8		Cylinder head	
8	0504 2635	Cylinder head	Cylinder head
8	0504 2636	Fastenings	Fastenings
10		Camshaft	
10	0500 5664	Blanking parts	Blanking parts
10	0503 7884	Camshaft output	Camshaft output
10	0505 1225	Camshaft	Camshaft
11		Timing gears	
11	0503 0123	Valve drive	Valve drive
14		Lube oil pump	
14	0500 5666	Lubricat. oil pump	Lubricat. oil pump
14	0501 9160	Drain pump	Drain pump
15		Lube oil/-cooler	
15	0500 5669	Bracket	Bracket
15	0501 3044	Fuse/lock	Fuse/lock
15	0503 0140	Hydraul.oil cooler	Hydraul.oil cooler
15	0503 2123	Filter cartridge	Filter cartridge
15	0503 7805	Blanking parts	Blanking parts
15	0503 7806	Blanking parts	Blanking parts
15	0504 2380	Lubric. oil cooler	Lubric. oil cooler
15	0504 2916	Hydraul.oil cooler	Hydraul.oil cooler

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CG	ETL-No.	Designation (en)	Designation (en)
16		Oil pipes	
16	0500 5675	Plug	Plug
16	0500 5676	Suction pipe	Suction pipe
16	0500 5678	Suction pipe	Suction pipe
16	0500 5679	Oil line	Oil line
16	0500 5682	Pressure oil line	Pressure oil line
16	0503 7941	Plug	Plug
16	0506 4318	Pressure oil line	Pressure oil line
17		Injection pump	
17	0500 5690	Accessories	Accessories
17	0502 9212	Parts of fuel pump	Parts of fuel pump
17	0502 9237	Parts inject.pump	Parts inject.pump
17	0502 9994	Parts of governor	Parts of governor
17	0504 2928	Fuel inject. pump	Fuel inject. pump
17	0506 4020	Limit stop	Limit stop
18		Injection pump drive	
18	0505 0732	Timing device	Timing device
19		Injector	
19	0501 3051	Fuel injector	Fuel injector
19	0502 9249	Parts of injector	Parts of injector
20		Fuel filter	
20	0500 5694	Fuel prefilter	Fuel prefilter
20	0502 1408	Fuel line	Fuel line
20	0503 4181	Fuel filter	Fuel filter
20	0503 7985	Fuel line	Fuel line
21		Fuel pipes/fuel tank	
21	0503 7936	High pressure pipe	High pressure pipe
21	0503 7938	Leak off line	Leak off line
22		Suction pipe/air cleaner	
22	0503 7934	Suction pipe	Suction pipe
26		Heater plug installation	
26	0500 3832	Heat.plug tell-tal	Heat.plug tell-tal
26	0503 7967	Spark ignition	Spark ignition
26	0503 7968	Fuel line	Fuel line
33		Air compressor	
33	0500 5718	Blanking parts	Blanking parts
39		Cooling air blower	
39	0501 3100	Blanking parts	Blanking parts
39	0503 1104	Gasket	Gasket
39	0503 2246	Cooling fan	Cooling fan
39	0503 7932	Tensioning pulley	Tensioning pulley
39	0504 2448	Set narrow v-belts	Set narrow v-belts
40		Cooling air ducting	
40	0503 2238	Cool. air cowling	Cool. air cowling
40	0503 7961	Cool. air cowling	Cool. air cowling
40	0504 2369	Cool. air cowling	Cool. air cowling
40	0504 2370	Cover plate	Cover plate
40	0504 2920	Cool. air cowling	Cool. air cowling
40	0504 2967	Cool.air feed duct	Cool.air feed duct
40	0504 2970	Air cowling base	Air cowling base

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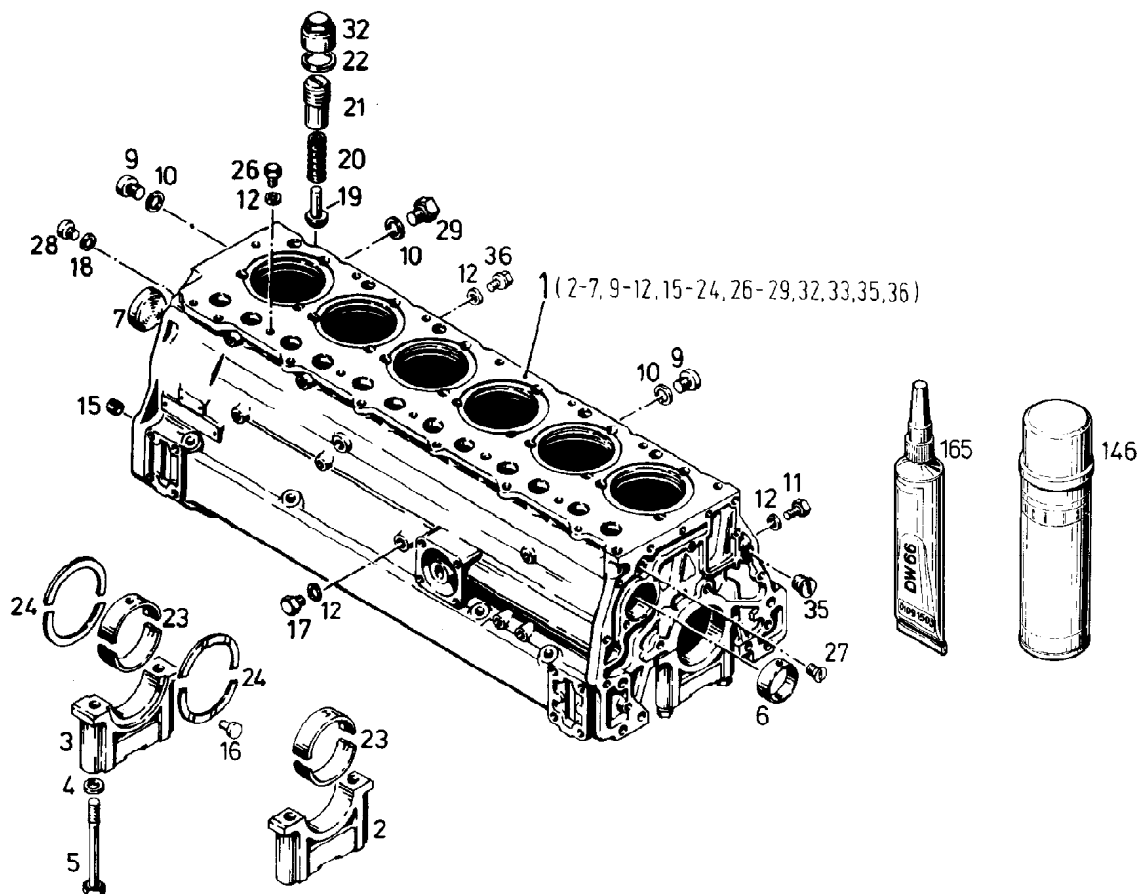
CG	ETL-No.	Designation (en)	Designation (en)
41		Exhaust manifold	
41	0502 0961	Companion flange	Companion flange
41	0502 1566	Exhaust manifold	Exhaust manifold
44		Alternator/starter motor	
44	0500 2289	V-belt	V-belt
44	0500 5972	Starter	Starter
44	0501 9131	Driving parts	Driving parts
44	0502 8914	Parts start.motor	Parts start.motor
44	0504 2440	Fastenings	Fastenings
44	0505 1590	Generator	Generator
44	0505 1645	Parts of alternat.	Parts of alternat.
46		Engine mounting, rigid	
46	0504 2338	Engine mounting	Engine mounting
48		Electrical accessories	
48	0503 0091	Earth lead	Earth lead
48	0503 1073	Heat.plug tell-tal	Heat.plug tell-tal
48	0503 1261	Stop switch	Stop switch
48	0503 1765	Plug	Plug
48	0503 7960	Electr. equipment	Electr. equipment
48	0505 1116	Electr.accessories	Electr.accessories
49		Tools	
49	0500 5985	Toolkit	Toolkit
49	0501 3074	Toolkit	Toolkit
49	0503 3328	Tool	Tool
49	0503 3329	Tool	Tool
51		Measuring instruments	
51	0501 3456	Temper.transmitter	Temper.transmitter
51	0501 6358	Temperature gauge	Temperature gauge
51	0503 2520	Pressure gauge	Pressure gauge
51	0503 2593	Temper.transmitter	Temper.transmitter
51	0503 3472	Pressure pick-up	Pressure pick-up
51	0503 7301	Temperature switch	Temperature switch
51	0503 7303	Temperature gauge	Temperature gauge
52		Clutch	
52	0500 4131	Spacer ring	Spacer ring
52	0503 7988	Connection housing	Connection housing
56		Engine shutdown	
56	0503 1189	Shutdown device	Shutdown device
56	0505 1115	Solenoid	Solenoid
70		Engine brake	
70	0502 3615	Engine brake	Engine brake
70	0503 2145	Air cylinder	Air cylinder
70	0503 3124	Actuating parts	Actuating parts
83		Hydraulic pump	
83	0500 5999	Blanking parts	Blanking parts

ETL no.: 0503 7951 Crankcase

Constr. Group: 01

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0503 7951

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02421734	10		1	ST			Crankcase	Crankcase	
2	02196792			6	ST			Bearing cap	Bearing cap	
3	02191854			1	ST			Bearing cap	Bearing cap	
4	02408062			14	ST			Plain washer	Plain washer	
5	01137612			14	ST			Hexagon bolt	Hexagon bolt	
6	04149797			7	ST			Camshaft bush	Camshaft bush	
7	02403129			1	ST			Cover	Cover	
9	01125788	10		2	ST			Screw plug	Screw plug	
10	01118727			3	ST			Sealing ring	Sealing ring	
11	01112382	20	20	4	ST			Hexagon bolt	Hexagon bolt	
12	01118659			7	ST			Sealing ring	Sealing ring	
15	02148423			2	ST			Bush	Bush	
16	03362280			2	ST			Locating pin	Locating pin	
17	01100371			1	ST			Screw plug	Screw plug	
18	01118707			1	ST			Sealing ring	Sealing ring	
19	02403032			1	ST			Valve plunger	Valve plunger	
20	02403033			1	ST			Compression spring	Compression spring	
21	02415572	10		1	ST			Adjusting screw	Adjusting screw	ITEM..... AT OPTION 967,
22	01118784			1	ST			Sealing ring	Sealing ring	
23	02141738			7	ST			Main bearing	Main bearing	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 103,0 MM RD

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
24	02197674				4	ST		Thrust ring half	Thrust ring half	(B) 951-962, STANDARD (A)MM, FOR UND ERSIZE SEE ITEM (B) (A) 2,93 MM (B) 963-966,
26	01118998				2	ST		Screw plug	Screw plug	
27	02145990				1	ST		Screw plug	Screw plug	
28	01124758	20	20		1	ST		Screw plug	Screw plug	
29	02147097				1	ST		Screw plug	Screw plug	
32	02416414				1	ST		Cap nut	Cap nut	
35	02145991			90	1	ST		Screw plug	Screw plug	
36	02147098				1	ST		Screw plug	Screw plug	
146	01016129	20	20		1	KG		Activator	Activator	
165	01091503				1	ST		Packing compound	Packing compound	
950	02144906	90	90		7	SA		Main bearing	Main bearing	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 103,0 MM RD (B) 951-952, 1ST UNDERSIZE 102,75 MM RD WAHLWEISE POS.... ITEM.....AT OPTION AU CHROIX POSTE OPIONALMENT POS. 952, 1ST UNDERSIZE 102,75 MM RD WAHLWEISE POS. .. ITEM...AT OPTION AU CHROIX POSTE OPIONALMENT POS. .. 951, 2ND UNDERSIZE 102,5 MM RD WAHLWEISE POS... ITEMAT OPTION AU CHROIX POSTE OPIONALMENT POS. 954, 2ND UNDERSIZE 102,5 MM RD WAHLWEISE POS. ... ITEM.....AT OPTION AU CHROIX POSTE OPIONALMENT POS. ... 953, 3RD UNDERSIZE 102,25 MM RD WAHLWEISE POS. ... ITEM.....AT OPTION AU CHROIX POSTE ... OPTIONALMENT POS. ... 956, 3RD UNDERSIZE 102,25 MM RD WAHLWEISE POS...
951	02143305				7	ST		Main bearing	Main bearing	
952	02145581	90	90		7	SA		Main bearing	Main bearing	
953	02142317				7	SA		Main bearing	Main bearing	
954	02145582	90	90		7	SA		Main bearing	Main bearing	
955	02143316				7	SA		Main bearing	Main bearing	
956	02145583	90	90		7	SA		Main bearing	Main bearing	