

Equipment information

Equipment: 23412001596
Type: TBD12 234V
Output: 0000412,0 kW
Speed: 1500 1/min
Build date: 01.05.1986
KLU-Number:
ETL scope: EU103960
MVS: 211

VKU date: 01.05.1986

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	0509 0593	Crankc. end cover	Crankc. end cover
1	0509 0670	Crankcase breather	Crankcase breather
1	0509 0676	Blanking parts	Blanking parts
1	0509 1481	Crankc. end cover	Crankc. end cover
1	0509 1525	Cover	Cover
1	0509 1568	Engine mounting	Engine mounting
1	0509 1576	Crankcase	Crankcase
1	0509 1589	Breather pipe	Breather pipe
1	0509 4011	Cover	Cover
1	0509 4645	Main bearing	Main bearing
2		Oil pan	
2	0509 4394	Oil pan	Oil pan
5		Crankshaft	
5	0509 1329	V-grooved pulley	V-grooved pulley
5	0509 1465	Crankshaft	Crankshaft
5	0509 1600	Vibration damper	Vibration damper
5	0509 4560	Flywheel	Flywheel
6		Connecting rod	
6	0509 0600	Connecting rod	Connecting rod
7		Piston	
7	0509 0599	Piston	Piston
8		Cylinder head	
8	0509 0598	Cylinder head	Cylinder head
8	0509 0640	Valve mechan.cover	Valve mechan.cover
10		Camshaft	
10	0509 1458	Camshaft	Camshaft
11		Timing gears	
11	0509 0596	Valve drive	Valve drive
11	0509 0597	Pushrod	Pushrod
14		Lube oil pump	
14	0509 0646	Gear.oil feed pump	Gear.oil feed pump
15		Lube oil/-cooler	
15	0509 0668	Oil cooler	Oil cooler
15	0509 4021	Oil filter	Oil filter
16		Oil pipes	
16	0509 0648	Lubricat. oil line	Lubricat. oil line
16	0509 0664	Oil suction line	Oil suction line
17		Injection pump	
17	0509 0672	Parts inject.pump	Parts inject.pump
17	0509 1470	Coupling	Coupling
17	0509 1684	Fuel inject. pump	Fuel inject. pump
18		Injection pump drive	
18	0509 1468	Inject. pump drive	Inject. pump drive
19		Injector	
19	0509 1476	Fuel injector	Fuel injector
20		Fuel filter	
20	0509 1688	Fuel filter	Fuel filter

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20	0509 1692	Fuel line	Fuel line
21		Fuel pipes/fuel tank	
21	0509 0666	Leak off line	Leak off line
21	0509 0667	Back leak.connect.	Back leak.connect.
21	0509 4286	High pressure pipe	High pressure pipe
22		Suction pipe/air cleaner	
22	0509 1425	Intake manifold	Intake manifold
22	0509 1633	Bath air cleaner	Bath air cleaner
22	0509 1635	Bath air cleaner	Bath air cleaner
27		Speed control	
27	0509 4431	Controller	Controller
29		Control linkage	
29	0509 4866	Engine speed contr	Engine speed contr
29	0509 4867	Engine speed contr	Engine speed contr
36		Water cooler	
36	0509 1299	Bracket	Bracket
36	0509 1320	Radiator	Radiator
36	0509 4217	Heat exchanger	Heat exchanger
37		Cooling water pump	
37	0509 1986	Centrifugal pump	Centrifugal pump
37	0509 2326	Fan	Fan
37	0509 4163	Tensioning pulley	Tensioning pulley
37	0509 4459	Fan drive	Fan drive
37	0509 4464	Narrow v-belt	Narrow v-belt
37	0509 4599	Tensioning pulley	Tensioning pulley
37	0509 5038	Fan drive	Fan drive
38		Water pipes	
38	0509 2329	Cooling water line	Cooling water line
38	0509 2463	Water thermostat	Water thermostat
38	0509 4287	Cooling water line	Cooling water line
38	0509 4363	Cooling water line	Cooling water line
38	0509 4364	Heating rod	Heating rod
38	0509 4665	Cooling water line	Cooling water line
38	0509 5036	Thermostat mount.	Thermostat mount.
39		Cooling air blower	
39	0503 8796	Set narrow v-belts	Set narrow v-belts
41		Exhaust manifold	
41	0509 1683	Exhaust manifold	Exhaust manifold
43		Turbocharger	
43	0509 0653	Turbocharger	Turbocharger
43	0509 0691	Turbocharger assy	Turbocharger assy
43	0509 0692	Parts turbocharger	Parts turbocharger
43	0509 1679	Sheeting/panelling	Sheeting/panelling
43	0509 4516	Turbocharging assy	Turbocharging assy
44		Alternator/starter motor	
44	0500 3725	Protecting cap	Protecting cap
44	0502 7024	Parts start.motor	Parts start.motor
44	0509 0681	Cover	Cover
44	0509 4602	Alternator	Alternator
44	0509 4603	Driving parts	Driving parts

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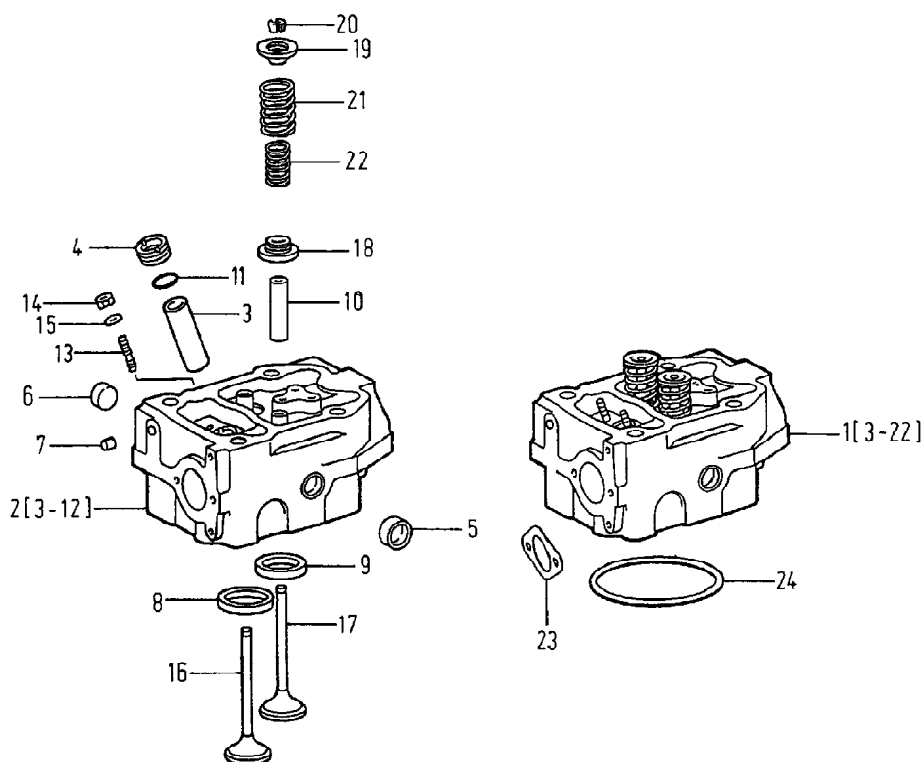
CG	ETL-No.	Designation (en)	Designation (en)
46		Engine mounting, rigid	
46	0509 0694	Engine mounting	Engine mounting
46	0509 5060	Engine mounting	Engine mounting
48		Electrical accessories	
48	0508 3823	Temper.transmitter	Temper.transmitter
48	0509 0710	Temper.transmitter	Temper.transmitter
48	0509 1024	Oil pressur.switch	Oil pressur.switch
48	0509 4268	Terminal box	Terminal box
49		Tools	
49	0509 5678	Toolkit	Toolkit
49	0509 5900	Toolkit	Toolkit
51		Measuring instruments	
51	0509 1325	Rated val.adjuster	Rated val.adjuster
52		Clutch	
52	0509 0594	Flywheel housing	Flywheel housing
52	0509 0679	Interm.flange	Interm.flange
56		Engine shutdown	
56	0509 1498	Solenoid	Solenoid
57		V-belt guard	
57	0509 2465	V-belt guard	V-belt guard
57	0509 4522	V-belt guard	V-belt guard
57	0509 4826	V-belt guard	V-belt guard
58		Intercooler	
58	0509 0673	Charge air cooler	Charge air cooler
90		Set of parts	
90	0509 2282	Gasket set	Gasket set
90	0509 2287	Gasket set	Gasket set

ETL no.: 0509 0598 Cylinder head

Constr. Group: 08

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0509 0598

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12163147		90	90	1	ST		Cylinder head	Cylinder head	MWM-NR. 6.234.0.180.305.7
3	12163163		90	90	1	ST		Sleeve	Sleeve	MWM-NR. 6.234.0.330.004.4
4	12163223				1	ST		Slotted round nut	Slotted round nut	MWM-NR. 6.234.0.360.001.4
5	01152712				1	ST		Cover	Cover	MWM-NR. 6.0215.21.8.003.2
6	01152710				1	ST		Cover	Cover	MWM-NR. 6.0215.21.8.002.5
7	12166280				2	ST		Plug	Plug	MWM-NR. 6.324.1.327.001.4
8	12189276				1	ST		Valve seat insert	Valve seat insert	MWM-NR. 6.234.0.345.010.4
9	12189288		90	90	1	ST		Valve seat insert	Valve seat insert	MWM-NR. 6.234.0.345.006.4
10	12163176				2	ST		Valve guide	Valve guide	MWM-NR. 6.234.0.332.901.6
11	01153872				1	ST		O-seal	O-seal	MWM-NR. 6.0493.13.0.240.4
12	12163183				1	ST		Ring	Ring	MWM-NR. 6.234.0.340.017.4
13	12163215				2	ST		Stud	Stud	MWM-NR. 6.234.0.351.003

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14	01122477		20	20	2	ST	Hexagon nut	Hexagon nut	.4 MWM-NR. 6.0210.05.4.0080
15	01132562		20	20	2	ST	Plain washer	Plain washer	MWM-NR. 6.0215.01.0.0084
16	12163267				1	ST	Inlet valve	Inlet valve	MWM-NR. 6.234.0.460.0064
17	12163266				1	ST	Exhaust valve	Exhaust valve	MWM-NR. 6.234.0.460.0054
18	12151491				2	ST	Turning gear	Turning gear	MWM-NR. 6.0326.20.0.1703
19	12163201				2	ST	Spring cap	Spring cap	MWM-NR. 6.234.0.342.0014
20	12151320		90	90	4	ST	Taper piece	Taper piece	MWM-NR. 6.0238.01.0.0010
21	01222080		20	20	2	ST	Compression spring	Compression spri..	MWM-NR. 6.0240.37.0.1220
22	01222038				2	ST	Compression spring	Compression spri..	MWM-NR. 6.0240.27.0.1130
23	12275412				1	ST	Shaped packing	Shaped packing	
24	12163467				1	ST	Sealing ring	Sealing ring	MWM-NR. 6.234.0.855.0054