

Equipment information

Equipment: 61612001304
Type: TBD12 616V
Output: 0000576,0 kW
Speed: 1500 1/min
Build date: 01.09.1996
KLU-Number:
ETL scope: EU149663
MVS: 111

VKU date: 01.09.1996

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:	61612001304	Engine type:	TBD12 616V
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ETL scope:	EU149663		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0509 4788	Crankcase	Crankcase
1	0509 4815	Locating bearing	Locating bearing
1	0509 5358	Main bearing	Main bearing
2		Oil pan	
2	0509 5007	Oil filler neck	Oil filler neck
2	0509 5184	Oil pan	Oil pan
5		Crankshaft	
5	0509 4865	Flywheel	Flywheel
5	0509 5018	Crankshaft	Crankshaft
6		Connecting rod	
6	0509 4762	Connecting rod	Connecting rod
7		Piston	
7	0509 4763	Piston	Piston
8		Cylinder head	
8	0509 4980	Cylinder head	Cylinder head
8	0509 5122	Valve mechan.cover	Valve mechan.cover
9		Timing chest	
9	0509 4842	Axle	Axle
9	0509 4844	Cover	Cover
9	0509 4845	Cover	Cover
9	0509 4847	Gearcase	Gearcase
9	0509 4859	Crankc. end cover	Crankc. end cover
10		Camshaft	
10	0509 4778	Camshaft	Camshaft
11		Timing gears	
11	0509 4979	Valve drive	Valve drive
11	0509 5017	Actuat. mechanism	Actuat. mechanism
14		Lube oil pump	
14	0509 4930	Lubricat. oil pump	Lubricat. oil pump
14	0509 4973	Gear.oil feed pump	Gear.oil feed pump
15		Lube oil/-cooler	
15	0509 4792	Lubric. oil filter	Lubric. oil filter
15	0509 4809	Oil cooler	Oil cooler
16		Oil pipes	
16	0509 4863	Lubricat. oil line	Lubricat. oil line
16	0509 5187	Oil suction line	Oil suction line
17		Injection pump	
17	0509 5096	Fastenings	Fastenings
17	0509 5347	Fuel inject. pump	Fuel inject. pump
17	0509 5392	Parts inject.pump	Parts inject.pump
17	0509 5486	Parts inject.pump	Parts inject.pump
17	0509 5493	Parts of governor	Parts of governor
17	0509 5494	Parts of governor	Parts of governor
18		Injection pump drive	
18	0509 4817	Inject. pump drive	Inject. pump drive
18	0509 4919	Denture clutch	Denture clutch
19		Injector	

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19	0509 5010	Fuel injector	Fuel injector
20		Fuel filter	
20	0509 0635	Fuel duplex filter	Fuel duplex filter
20	0509 5048	Fuel supply pump	Fuel supply pump
20	0509 5177	Bracket	Bracket
21		Fuel pipes/fuel tank	
21	0509 4890	High pressure pipe	High pressure pipe
21	0509 5064	Pipe/line/lead	Pipe/line/lead
21	0509 5280	Fuel line	Fuel line
22		Suction pipe/air cleaner	
22	0509 4448	Intake manifold	Intake manifold
22	0509 5061	Air filter	Air filter
22	0509 5231	Bracket	Bracket
27		Speed control	
27	0509 1535	Speed adjustment	Speed adjustment
34		Vibration damper	
34	0509 5054	Vibration damper	Vibration damper
37		Cooling water pump	
37	0509 5053	Idler gear	Idler gear
37	0509 5395	Centrifugal pump	Centrifugal pump
38		Water pipes	
38	0509 4943	Coolant pipe	Coolant pipe
38	0509 5050	Coolant pipe	Coolant pipe
38	0509 5117	Coolant pipe	Coolant pipe
38	0509 5179	Coolant pipe	Coolant pipe
38	0509 5380	Singl.circ.cooling	Singl.circ.cooling
38	0509 5381	Expansion tank	Expansion tank
38	0509 6245	Breather line	Breather line
41		Exhaust manifold	
41	0509 4803	Exhaust pipe	Exhaust pipe
41	0509 5112	Bracket	Bracket
43		Turbocharger	
43	0509 4956	Accessories	Accessories
43	0509 5354	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0502 9457	Parts of alternat.	Parts of alternat.
44	0505 0426	Generator	Generator
44	0509 4942	Generator	Generator
44	0509 5006	Generator mounting	Generator mounting
46		Engine mounting, rigid	
46	0509 5110	Bracket	Bracket
47		Engine mounting, flexible	
47	0509 5021	Silentbloc	Silentbloc
48		Electrical accessories	
48	0508 3752	Switch mounting	Switch mounting
48	0509 4696	Speed pickup	Speed pickup
52		Clutch	
52	0509 4810	Flywheel housing	Flywheel housing
56		Engine shutdown	

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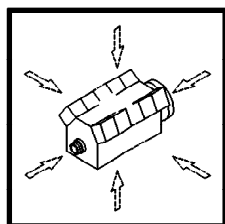
CG	ETL-No.	Designation (en)	Designation (en)
56	0509 1498	Solenoid	Solenoid
58		Intercooler	
58	0509 4823	Cooler assembly	Cooler assembly
90		Set of parts	
90	0509 5364	Gasket set	Gasket set
90	0509 5370	Gasket set	Gasket set
90	0509 5371	Gasket set	Gasket set
90	0509 5587	Gasket set	Gasket set
90	0509 5591	Gasket set	Gasket set

ETL no.: 0509 4788 Crankcase

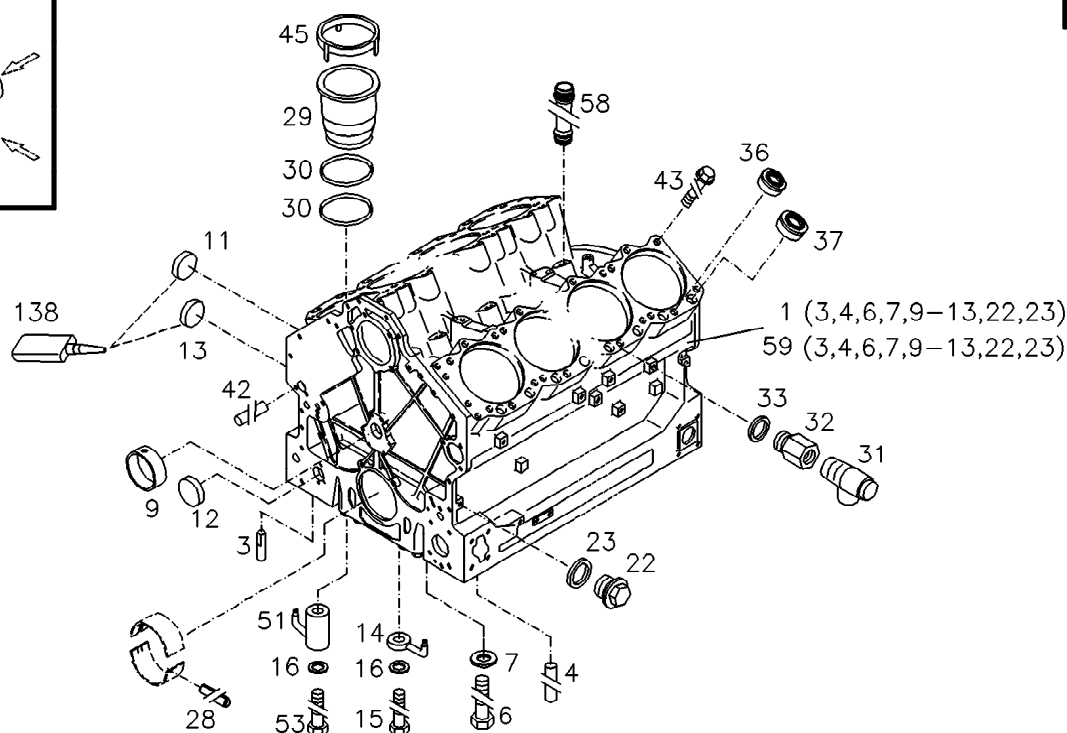
Constr. Group: 01

Equipment: 61612001304
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0509 4788

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12277264	Kit ?	20	20	1	ST		Crankcase	Crankcase	WITH ITEM.... (3,4,6,7,9-13,22,23,24) MIT KLASSIFIKATION WITH CLASSIFICATION AVEC CLASSIFICATION CON CLASSIFICACION
3	12160931	Kit ?			7	ST		Pin	Pin	
4	12160932	Kit ?			7	ST		Pin	Pin	
6	01153796	Kit ?			28	ST		Hexagon bolt	Hexagon bolt	
7	01154443	Kit ?		70	28	ST		Plain washer	Plain washer	
9	12200055	Kit ?			6	ST		Bearing bush	Bearing bush	
11	01144676	Kit ?			15	ST		Cover	Cover	
12	01152717	Kit ?			1	ST		Cover	Cover	
13	01152710	Kit ?			3	ST		Cover	Cover	
14	12277184	Kit ?			6	ST		Nozzle	Nozzle	
15	01111151	Kit ?	20	20	6	ST		Hexagon bolt	Hexagon bolt	
16	01107281	Kit ?	10	10	12	ST		Spring washer	Spring washer	
22	01118955	Kit ?			2	ST		Screw plug	Screw plug	
23	01118681	Kit ?			2	ST		Sealing ring	Sealing ring	
24	12190961	Kit ?			1	ST		Bearing bush	Bearing bush	
28	01115413	Kit ?			7	ST		Straight pin	Straight pin	
29	12275301	Kit ?			12	ST		Cylinder liner	Cylinder liner	
30	01153816	Kit ?	10	10	24	ST		O-seal	O-seal	

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
31	12188643	Kit ?			1	ST		Drain valve	Drain valve	
32	12161138	Kit ?			1	ST		Screw connector	Screw connector	
33	01118688	Kit ?			1	ST		Sealing ring	Sealing ring	
36	12313401	Kit ?			24	ST		Gasket	Gasket	
37	12313400	Kit ?			24	ST		Gasket	Gasket	
42	01105181	Kit ?			4	ST		Parallel pin	Parallel pin	
43	12163212	Kit ?			48	ST		Hexagon bolt	Hexagon bolt	
45	12275302	Kit ?			12	ST		Sealing ring	Sealing ring	
51	12312130	Kit ?			6	ST		Nozzle	Nozzle	
53	01111205	Kit ? 90	90		6	ST		Hexagon bolt	Hexagon bolt	
58	12276145	Kit ?			24	ST		Protecting tube	Protecting tube	
59	12277748	Kit ? 90	90		1	ST		Crankcase	Crankcase	WITH ITEM.... (3,4,6,7,9-13,22,23,24) OHNE KLASSIFIKATION WITHOUT CLASSIFICATION SANS CLASSIFICATION SIN CLASSIFICACION
138	01004100	Kit ? 10			1	ST		Safety/lock.agent	Safety/lock.agent	