

Equipment information

Equipment: 00002202275
Type: TBD 8 620V
Output: 0001016,0 kW
Speed: 1800 1/min
Build date: 01.01.2001
KLU-Number:
ETL scope: EU006090
MVS: 713

VKU date: 28.02.2001

VKU' date:

Commissioning date: 15.04.2001

Begin of guarantee period: 15.04.2001

Man. begin of guar. period: no

End of guarantee period:

ID maintenance contract:

ID insurance contract:

Guarantee package: 24

===DEUTZ WARRANTY PROGRAMME "24"===

===STANDARD WARRANTY===

24 MONTHS AFTER VKU/VKU', 12 MONTHS AFTER DATE OF COMMISSIONING (COM)
WITHOUT LIMIT OF OPERATING HOURS PLUS A FURTHER 12 MONTHS, BUT LIMITED
TO A TOTAL 6,000 BH AFTER COM FOR MEDIUM AND BIG ENGINES (DIESEL+GAS),
2,000 BH FOR HIGH-SPEED ENGINES, BUT 1,000 BH FOR ENGINES OF THE 1008
SERIES.

Assembly group directory

Equipment:	00002202275	Engine type:	TBD 8 620V
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ETL scope:	EU006090		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0508 1393	Crankc. end cover	Crankc. end cover
1	0508 1398	Engine mounting	Engine mounting
1	0508 5021	Tdc-pointer	Tdc-pointer
1	0508 5032	Cover	Cover
1	0508 5033	Cover	Cover
1	0508 5064	Cover	Cover
1	0508 5099	Cover	Cover
1	0508 5158	Disch./drain pipe	Disch./drain pipe
1	0508 5161	Piston cooling	Piston cooling
1	0508 5310	Crankcase	Crankcase
1	0508 5416	Service gauge	Service gauge
1	0508 5551	Crankcase breather	Crankcase breather
2		Oil pan	
2	0508 5500	Dipstick	Dipstick
2	0508 5501	Oil pan	Oil pan
5		Crankshaft	
5	0508 0852	Starter ring gear	Starter ring gear
5	0508 4062	Accessories	Accessories
5	0508 5000	Flywheel flange	Flywheel flange
5	0508 5004	Crankshaft access.	Crankshaft access.
5	0508 5005	Crankshaft access.	Crankshaft access.
5	0508 5006	Main bearing	Main bearing
5	0508 5511	Flywheel	Flywheel
5	0508 5535	Crankshaft	Crankshaft
6		Connecting rod	
6	0508 5083	Big end bearing	Big end bearing
6	0508 5401	Connecting rod	Connecting rod
7		Piston	
7	0508 5217	Piston	Piston
8		Cylinder head	
8	0508 1177	Valve mechan.cover	Valve mechan.cover
8	0508 2476	Regulator	Regulator
8	0508 3567	Regulator	Regulator
8	0508 4310	Cool.water passage	Cool.water passage
8	0508 5062	Installation parts	Installation parts
8	0508 5751	Cylinder head	Cylinder head
8	0508 5820	Sealing ring	Sealing ring
9		Timing chest	
9	0508 5022	Crankc. end cover	Crankc. end cover
9	0508 5050	Idler gear	Idler gear
9	0508 5056	Idler bearing	Idler bearing
9	0508 5058	Idler gear	Idler gear
9	0508 5086	Toothed gear	Toothed gear
9	0508 5091	Toothed gear	Toothed gear
10		Camshaft	
10	0508 5057	Support	Support
10	0508 5087	Toothed gear	Toothed gear
10	0508 5088	Fastenings	Fastenings
10	0508 5508	Camshaft	Camshaft

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CG	ETL-No.	Designation (en)	Designation (en)
11		Timing gears	
11	0508 5092	Valve drive	Valve drive
14		Lube oil pump	
14	0508 2121	Installation parts	Installation parts
14	0508 5361	Lubricat. oil pump	Lubricat. oil pump
15		Lube oil/-cooler	
15	0508 5036	Oil filter	Oil filter
15	0508 5046	Bracket	Bracket
15	0508 5053	Blank flange	Blank flange
15	0508 5067	Oil centrifuge	Oil centrifuge
15	0508 5139	Oil cooler	Oil cooler
16		Oil pipes	
16	0508 5001	Lubricat. oil line	Lubricat. oil line
16	0508 5008	Oil line	Oil line
16	0508 5015	Pressure oil line	Pressure oil line
16	0508 5042	Manifold	Manifold
16	0508 5051	Oil line	Oil line
16	0508 5077	Oil line	Oil line
16	0508 5078	Oil line	Oil line
16	0508 5174	Oil drain pipe	Oil drain pipe
16	0508 5281	Oil suction line	Oil suction line
16	0508 5324	Oil line	Oil line
16	0508 5325	Press.relief valve	Press.relief valve
16	0508 5338	Lubricat. oil line	Lubricat. oil line
16	0508 5370	Blanking parts	Blanking parts
16	0508 5372	Priming set assy	Priming set assy
16	0508 5520	Oil line	Oil line
16	0508 5522	Oil line	Oil line
17		Injection pump	
17	0508 1246	Indicator	Indicator
17	0508 2139	Fastenings	Fastenings
17	0508 2586	Cover	Cover
17	0508 4177	Fuel inject. pump	Fuel inject. pump
18		Injection pump drive	
18	0508 5059	Support	Support
18	0508 5314	Inject. pump drive	Inject. pump drive
19		Injector	
19	0508 2165	Clamping yoke	Clamping yoke
19	0508 2166	Installation parts	Installation parts
19	0508 5094	Fuel injector	Fuel injector
20		Fuel filter	
20	0508 5136	Fuel pump	Fuel pump
20	0508 5512	Fastenings	Fastenings
20	0508 5554	Fuel filter	Fuel filter
21		Fuel pipes/fuel tank	
21	0508 1322	Leak off line	Leak off line
21	0508 5200	Accessories	Accessories
21	0508 5214	High pressure pipe	High pressure pipe
21	0508 5517	Manifold	Manifold
21	0508 5518	Distributor panel	Distributor panel
21	0508 5523	Fuel line	Fuel line

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21	0508 5524	Fuel line	Fuel line
21	0508 5525	Fuel line	Fuel line
21	0508 5528	Fuel pump	Fuel pump
22		Suction pipe/air cleaner	
22	0508 5545	Filter housing	Filter housing
27		Speed control	
27	0508 5085	Speed governor	Speed governor
34		Vibration damper	
34	0508 5509	Tors.vibrat.damper	Tors.vibrat.damper
34	0508 5510	Fastenings	Fastenings
36		Water cooler	
36	0508 5140	Housing	Housing
36	0508 5345	Bracket	Bracket
37		Cooling water pump	
37	0508 5024	Cooling water pump	Cooling water pump
37	0508 5109	Cooling water pump	Cooling water pump
37	0508 5150	Cooling water pump	Cooling water pump
37	0508 5151	Cooling water pump	Cooling water pump
38		Water pipes	
38	0506 1490	Temper. controller	Temper. controller
38	0508 2413	Welding flange	Welding flange
38	0508 2416	Compensator	Compensator
38	0508 2417	Breather line	Breather line
38	0508 4160	Accessories	Accessories
38	0508 5047	Cooling water line	Cooling water line
38	0508 5095	Cooling water line	Cooling water line
38	0508 5096	Cooling water line	Cooling water line
38	0508 5105	Bracket	Bracket
38	0508 5143	Cooling water line	Cooling water line
38	0508 5149	Cooling water line	Cooling water line
38	0508 5211	Cooling water line	Cooling water line
38	0508 5514	Cooling water line	Cooling water line
38	0508 5515	Cooling water line	Cooling water line
38	0508 5531	Cooling water line	Cooling water line
38	0508 5532	Cooling water line	Cooling water line
38	0508 5533	Cooling water line	Cooling water line
38	0508 5534	Cooling water line	Cooling water line
41		Exhaust manifold	
41	0508 4142	Compensator	Compensator
41	0508 5317	Exhaust pipe	Exhaust pipe
41	0508 5319	Exhaust gas bend	Exhaust gas bend
43		Turbocharger	
43	0508 5111	Turbocharger	Turbocharger
43	0508 5320	Accessories	Accessories
44		Alternator/starter motor	
44	0502 9457	Parts of alternat.	Parts of alternat.
44	0502 9977	Parts start.motor	Parts start.motor
44	0505 0426	Generator	Generator
44	0508 0525	Starter motor	Starter motor
44	0508 1232	Hose assembly	Hose assembly

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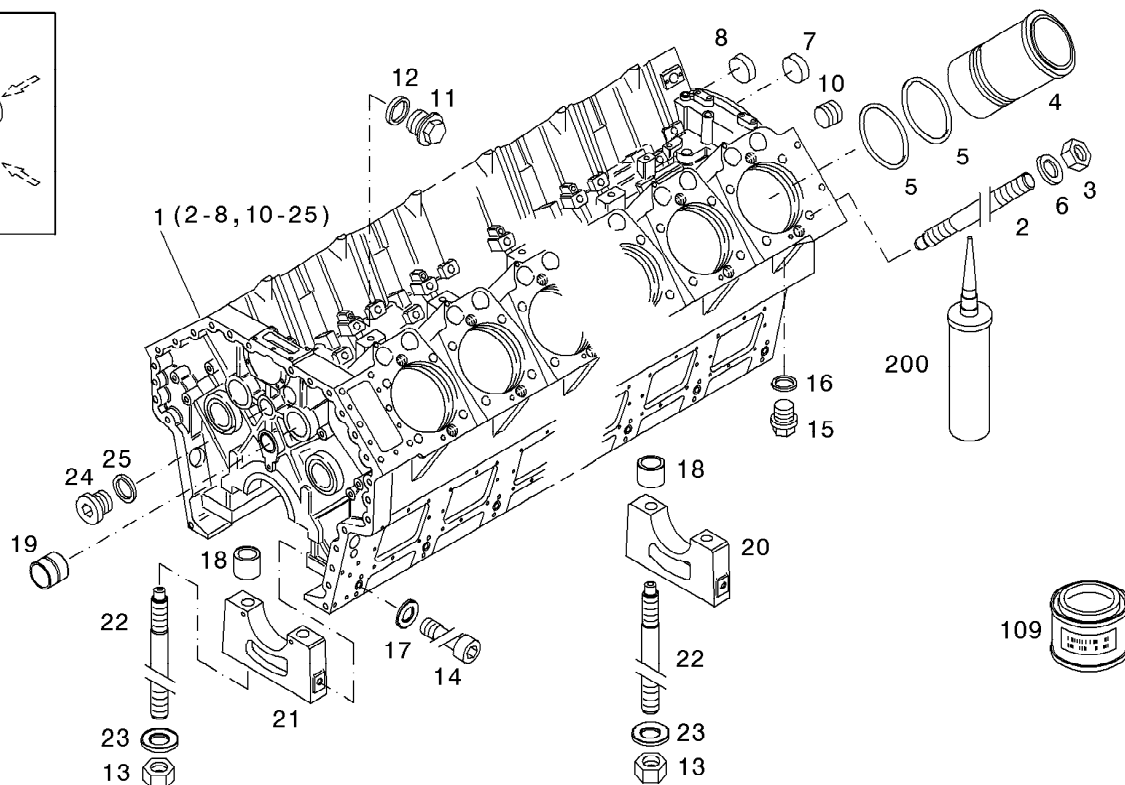
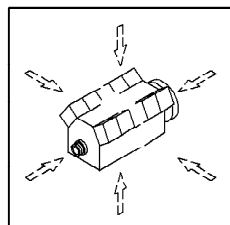
CG	ETL-No.	Designation (en)	Designation (en)
44	0508 5138	Bracket	Bracket
44	0508 5507	Drive	Drive
47		Engine mounting, flexible	
47	0508 5432	Silentbloc	Silentbloc
47	0508 5540	Accessories	Accessories
48		Electrical accessories	
48	0508 4368	Electromagnet	Electromagnet
48	0508 5237	Switch mounting	Switch mounting
48	0508 5267	Monitoring	Monitoring
48	0508 5437	Tacho-generator	Tacho-generator
49		Tools	
49	0501 8702	Turn-over gear	Turn-over gear
49	0508 3591	Toolkit	Toolkit
57		V-belt guard	
57	0508 5289	Protection	Protection
58		Intercooler	
58	0508 1954	Cover	Cover
58	0508 4383	Charge air cooler	Charge air cooler
58	0508 5017	Radiator bracket	Radiator bracket
58	0508 5018	Radiator bracket	Radiator bracket
58	0508 5526	Cover	Cover
58	0508 5527	Cover	Cover
58	0508 5529	Cooler assembly	Cooler assembly
63		Starting aid	
63	0508 2517	Heater connection	Heater connection
87		Charge air pipe	
87	0508 1363	Air guidance	Air guidance
87	0508 2250	Air guidance	Air guidance
87	0508 2251	Bush	Bush
87	0508 2252	Cover	Cover
87	0508 2485	Cover	Cover
87	0508 5318	Charge air pipe	Charge air pipe
87	0508 5506	Intake manifold	Intake manifold
90		Set of parts	
90	0508 5902	Gasket set	Gasket set
90	0508 5908	Gasket set	Gasket set
98		Optional extras	
98	1509 4988	Controller/meter	Controller/meter
98	1509 4989	Potentiometer	Potentiometer
98	1509 4990	Cable harness	Cable harness
98	1509 4991		

ETL no.: 0508 5310 Crankcase

Constr. Group: 01

Equipment: 00002202275
Output: 0001016,0 kW
ETL scope: EU006090

Engine type: TBD 8 620V
Speed: 1800 1/min



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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12302008				1	ST		Crankcase	Crankcase	WITH ITEM.... (2-8,10-25)
2	12303038	Kit !			32	ST		Stud	Stud	
3	01176614				32	ST		Hexagon nut	Hexagon nut	
4	12302057	Kit !	90	90	8	ST		Cylinder liner	Cylinder liner	
5	12027235	Kit !	10	10	16	ST		O-ring	O-ring	
6	01176709				32	ST		Plain washer	Plain washer	
7	01165835				2	ST		Core hole plug	Core hole plug	
8	01165841				3	ST		Core hole plug	Core hole plug	
10	01102140		20	20	2	ST		Screw plug	Screw plug	
11	01152105		20	20	36	ST		Screw plug	Screw plug	
12	01102146	Kit !			36	ST		Sealing ring	Sealing ring	
13	01181415	Kit !			10	ST		Hexagon nut	Hexagon nut	
14	01180087				10	ST		Cheese head screw	Cheese head screw	
15	01110445				3	ST		Screw plug	Screw plug	
16	01124011				3	ST		Sealing ring	Sealing ring	
17	12302015				10	ST		Plain washer	Plain washer	
18	12302014				10	ST		Bush	Bush	
19	12027574	Kit !			10	ST		Bearing bush	Bearing bush	
20	12302052				4	ST		Bearing cap	Bearing cap	
21	12302053				1	ST		Bearing cap	Bearing cap	
22	12302024	Kit !			10	ST		Stud	Stud	
23	12302064	Kit !			10	ST		Plain washer	Plain washer	
24	01139505				1	ST		Screw plug	Screw plug	
25	01118841				1	ST		Sealing ring	Sealing ring	

ETL no.: 0508 5310 Crankcase

Constr. Group: 01

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
109	01001202		90	90	1	KG		Packing compound	Packing compound	
200	01016232				1	KG		Packing compound	Packing compound	