

Equipment information

Equipment: 00001091393
Type: BF 4M2012
Output: 0000074,9 kW
Speed: 2200 1/min
Build date: 27.04.2005
KLU-Number:
ETL scope: EU466010
MVS: 079

VKU date: 02.05.2005
VKU' date:
Commissioning date: 15.06.2005
Begin of guarantee period: 15.06.2005
Man. begin of guar. period: no
End of guarantee period:
ID maintenance contract:
ID insurance contract:
Guarantee package: 1

===DEUTZ WARRANTY PROGRAMME "1"===

===STANDARD WARRANTY FOR SMALL ENGINES===

WARRANTY OF 36 MONTHS FROM COMMISSIONING (IBS), MAX. 42 MONTHS FROM DELIVERY (VKU'), WHATEVER OCCURS FIRST. IN THE 1ST AND 2ND YEAR AFTER IBS, THE WARRANTY REFERS TO ALL PARTS AND COMPONENTS AND IS, IN THE 2ND YEAR AFTER IBS, RESTRICTED TO THE INDICATED NUMBER OF OPERATING HOURS (BH) (ACCUMULATED). THE WARRANTY FOR ALL COMPONENTS ENDS AT THE LATEST 30 MONTHS AFTER VKU'. THE 3RD YEAR AFTER IBS COVERS THE MAIN COMPONENTS CRANKCASE, CRANKSHAFT, CAMSHAFT, CONROD AND CYLINDER HEAD BLANK. IN THE 3RD YEAR AFTER IBS, THE WARRANTY IS RESTRICTED TO THE INDICATED NUMBER OF OPERATING HOURS (ACCUMULATED) PER SERIES. THE WARRANTY FOR THE MAIN COMPONENTS ENDS AT THE LATEST 42 MONTHS AFTER VKU'.

THE CONVERSION OF THE NUMBER OF OPERATING HOURS TO A KM-LIMITATION IS BASED ON AN ASSUMED AVERAGE VELOCITY OF 50 KM/H.

TO ENABLE OUR SUBSIDIARIES AND DEALERS IN EUROPE TO TRANSMIT THE RESPECTIVE STANDARD WARRANTY TO THE OEM'S, AN ADDITIONAL PERIOD OF 3 MONTHS AS TRANSFER TIME TO AND RETENTION TIME IN THE DEUTZ SALES ORGANISATION HAS BEEN PROVIDED FOR. FOR SUBSIDIARIES AND DEALERS OUTSIDE OF EUROPE, THE TRANSFER- AND RETENTION TIME IS 6 MONTHS. IF THE MAXIMUM TRANSFER TIME TO AND RETENTION TIME IN THE DEUTZ SALES ORGANISATION OF 3 OR 6 MONTHS IS EXCEEDED, THE WARRANTY DURATION IS ACCORDINGLY REDUCED. IT MUST BE OBSERVED THAT ENGINES STORED FOR A LONGER PERIOD OF TIME MUST BE CHECKED BY THE DEUTZ SALES ORGANISATION PRIOR TO BEING DELIVERED TO THE OEM. IT MUST BE MADE SURE THAT ONLY ENGINES IN PROPER CONDITION MEETING THE LATEST STATE OF THE ART ARE DELIVERED TO THE CUSTOMER.

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RESTRICTION OF OPERATING HOURS SMALL ENGINES

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SERIES	2YD YEAR		3RD YEAR	
	FROM IBS		FROM IBS	
1008	MAX. 1,000 BH		MAX. 1,500 BH	
909,1011,2008,2009,2011	MAX. 2,000 BH		MAX. 3,000 BH	
910,912,913,914,1012,1013,2012,2013	MAX. 3,000 BH		MAX. 4,500 BH	
413,513,1015,2015	MAX. 5,000 BH		MAX. 7,500 BH	

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Assembly group directory

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CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0507 1876	Crankcase breather	Crankcase breather
1	0507 2355	Piston cool.nozzle	Piston cool.nozzle
1	0507 2650	Blanking parts	Blanking parts
1	0507 2810	Bush	Bush
1	0507 2823	Fastenings	Fastenings
1	0507 4909	Oil gauge	Oil gauge
1	0507 4949	Breather line	Breather line
1	0507 4999	Oil filler neck	Oil filler neck
1	0507 8787	Dipstick	Dipstick
1	0507 8908	Frontcover-oilpump	Frontcover-oilpump
1	0507 8939	Crankcase	Crankcase
2		Oil pan	
2	0507 0162	Oil pan	Oil pan
5		Crankshaft	
5	0507 0429	Flywheel	Flywheel
5	0507 2184	V-belt pulley assy	V-belt pulley assy
5	0507 2759	Plug	Plug
5	0507 4521	Fastenings	Fastenings
5	0507 8918	Crankshaft	Crankshaft
6		Connecting rod	
6	0507 8940	Connecting rod	Connecting rod
7		Piston	
7	0507 6440	Piston	Piston
8		Cylinder head	
8	0507 0427	Valve mechan.cover	Valve mechan.cover
8	0507 2660	Engine mounting	Engine mounting
8	0507 4917	Fastenings	Fastenings
8	0507 6370	Engine mounting	Engine mounting
8	0507 8844	Cylinder head	Cylinder head
9		Timing chest	
9	0507 7062	Gearcase	Gearcase
10		Camshaft	
10	0507 7930	Camshaft	Camshaft
11		Timing gears	
11	0507 4436	Valve drive	Valve drive
15		Lube oil/-cooler	
15	0503 7734	Filter cartridge	Filter cartridge
15	0507 4989	Fastenings	Fastenings
15	0507 4991	Fastenings	Fastenings
15	0507 4992	Blanking parts	Blanking parts
15	0507 6441	Oil cooler	Oil cooler
15	0507 6442	Oil cooler box	Oil cooler box
16		Oil pipes	
16	0507 0503	Oil suction pipe	Oil suction pipe
17		Injection pump	
17	0507 0528	Roller tappet	Roller tappet
17	0507 4859	Fastenings	Fastenings
17	0507 4911	Fuel inject. pump	Fuel inject. pump

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CG	ETL-No.	Designation (en)	Designation (en)
19		Injector	
19	0507 8022	Fastenings	Fastenings
19	0507 8726	Fuel injector	Fuel injector
20		Fuel filter	
20	0507 1031	Fastenings	Fastenings
20	0507 1680	Fuel pump	Fuel pump
20	0507 5796	Fuel duplex filter	Fuel duplex filter
20	0507 8100	Fuel prefilter	Fuel prefilter
20	0507 8341	Mating part	Mating part
21		Fuel pipes/fuel tank	
21	0507 0208	Fuel line	Fuel line
21	0507 1721	Spacer	Spacer
21	0507 2978	High pressure pipe	High pressure pipe
21	0507 6312	Back leak.connect.	Back leak.connect.
21	0507 6456	Rubber seal	Rubber seal
22		Suction pipe/air cleaner	
22	0507 0047	Blanking parts	Blanking parts
22	0507 2244	Sleeve	Sleeve
22	0507 4525	Air cleaner	Air cleaner
22	0507 4950	Hose clip	Hose clip
22	0507 4954	Manifold	Manifold
22	0507 6508	Service gauge	Service gauge
22	0507 8833	Charge air pipe	Charge air pipe
27		Speed control	
27	0507 0040	Fastenings	Fastenings
27	0507 1788	Controller	Controller
27	0507 2394	Fastenings	Fastenings
27	0507 2436	Control rod	Control rod
27	0507 4540	Idler gear	Idler gear
27	0507 6390	Pilot line	Pilot line
36		Water cooler	
36	0507 8980	Cooling system	Cooling system
36	0507 8981	Fastenings	Fastenings
36	0507 8982	Grille/grid	Grille/grid
37		Cooling water pump	
37	0507 1775	Narrow v-belt	Narrow v-belt
37	0507 2448	Fastenings	Fastenings
37	0507 4914	Driving parts	Driving parts
37	0507 8210	Cooling water pump	Cooling water pump
38		Water pipes	
38	0507 4987	Outlet/exh.branch	Outlet/exh.branch
38	0507 6877	Thermostat	Thermostat
38	0507 7773	Water thermostat	Water thermostat
38	0507 7991	Connection	Connection
38	0507 8983	Coolant pipe	Coolant pipe
38	0511 1368	Screw plug	Screw plug
39		Cooling air blower	
39	0507 2222	Fan	Fan
39	0507 2352	Fastenings	Fastenings
41		Exhaust manifold	

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CG	ETL-No.	Designation (en)	Designation (en)
41	0507 4588	Fastenings	Fastenings
41	0507 4907	Exhaust pipe	Exhaust pipe
43		Turbocharger	
43	0507 0058	Blanking parts	Blanking parts
43	0507 4930	Lubricat. oil line	Lubricat. oil line
43	0507 4931	Oil return line	Oil return line
43	0507 6387	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0507 0157	Fastenings	Fastenings
44	0507 7771	V-grooved pulley	V-grooved pulley
44	0507 7772	Accessories	Accessories
44	0507 7774	Narrow v-belt	Narrow v-belt
44	0507 8342	Starter	Starter
44	0507 8707	Generator	Generator
46		Engine mounting, rigid	
46	0507 0258	Mounting foot	Mounting foot
46	0507 1490	Fastenings	Fastenings
46	0507 1491	Fastenings	Fastenings
46	0507 7164	Spacer	Spacer
46	0507 8850	Accessories	Accessories
48		Electrical accessories	
48	0507 0149	Blanking parts	Blanking parts
48	0507 6023	Accessories	Accessories
48	0507 6024	Temper.transmitter	Temper.transmitter
48	0507 6330	Plug-in connector	Plug-in connector
48	0507 6331	Plug-in connector	Plug-in connector
48	0507 6333	Fastenings	Fastenings
48	0507 6439	Blanking parts	Blanking parts
48	0507 7699	Plug-in connector	Plug-in connector
48	0507 8255	Oil pressur.switch	Oil pressur.switch
48	0507 8876	Cable harness	Cable harness
51		Measuring instruments	
51	0506 7903	Attachment plug	Attachment plug
51	0507 6116	Level switch mount	Level switch mount
51	0507 8125	Temper.transmitter	Temper.transmitter
52		Clutch	
52	0507 0032	Fastenings	Fastenings
52	0507 8272	Bush	Bush
52	0507 8460	Connection housing	Connection housing
52	0507 8462	Cover plate	Cover plate
56		Engine shutdown	
56	0507 6186	Accessories	Accessories
56	0507 6187	Shutdown device	Shutdown device
63		Starting aid	
63	0507 0159	Blanking parts	Blanking parts
63	0507 4926	Heating flange	Heating flange
63	0507 7234	Plug-in connector	Plug-in connector
63	0507 8237	Gl.time contr.unit	Gl.time contr.unit
63	0507 8387	Relay	Relay
75		Heating system	

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75	0507 1162	Blanking parts	Blanking parts
83		Hydraulic pump	
83	0505 1844	Gasket	Gasket
83	0507 0187	Lubricat. oil line	Lubricat. oil line
83	0507 0190	Driving parts	Driving parts
83	0507 0290	Hydr pump drive	Hydr pump drive
83	0507 1160	Blanking parts	Blanking parts
83	0507 4791	Hydr pump drive	Hydr pump drive
83	0507 6154	Hydr pump drive	Hydr pump drive
83	0507 8195	Blanking parts	Blanking parts
90		Set of parts	
90	0507 0283	Cool.syst.protect.	Cool.syst.protect.
90	0507 7744	Gasket set	Gasket set
90	0511 9030	Engine oil	Engine oil

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Modification Data

Equipment: 000001091393
Modification Number: 001
Modification Date: 04.05.2005
New Output: 000074,9
New RPM: 2200
New KLU No.:
New Device Type:

Changes Made By:

Entered By: Stephanie Sarrazin
Company: DEUTZ AG - UK Branch
Name: Mike Nugent
Street: Deutz House, Burdock Close
Postcode: UK-WS11 7F
Town: Cannock
Country: United Kingdom
Telephone: +441543438910
Fax:

pls contact Marco Audehm or Lutz Ihlenfeldt from Deutz AG or spare parts in Deutz UK for replacements.

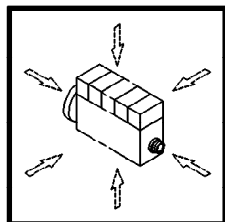
Item	±	Qty	Material	Ref. ETL	AG	Designation (en)
001	+	001	65110180			Cooling system
002	+	001				pipes, see remark

ETL no.: 0507 8939 Crankcase

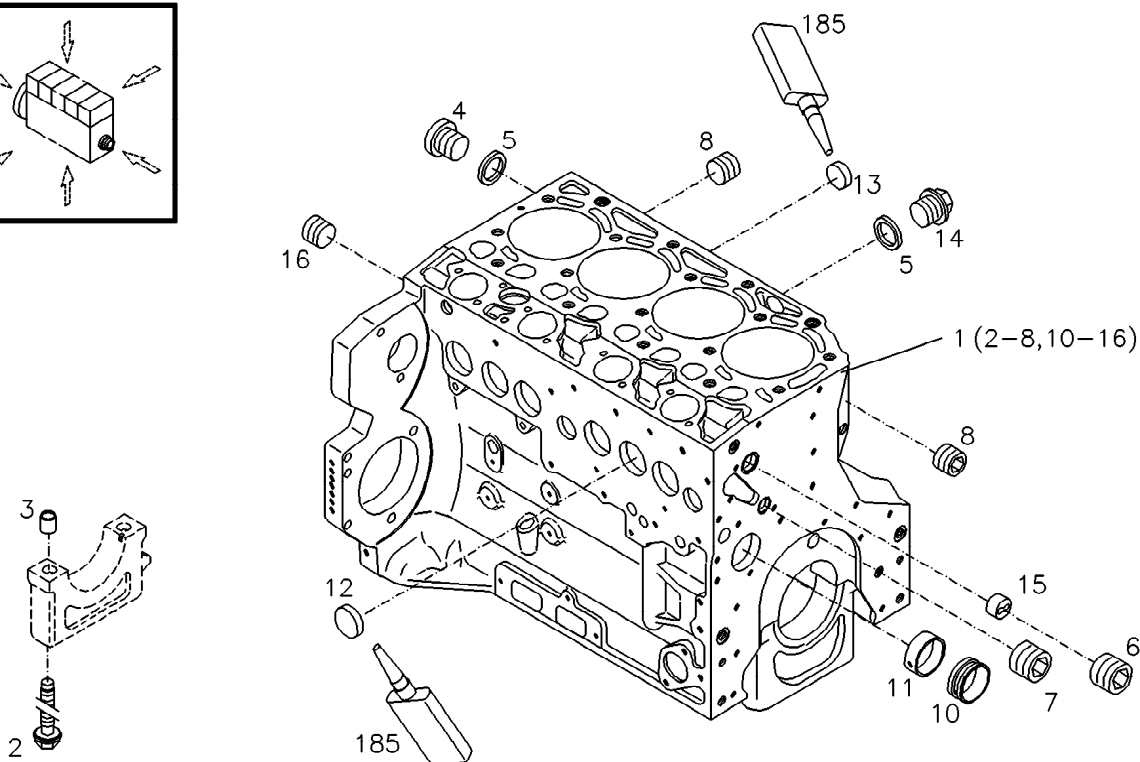
Constr. Group: 01

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0507 8939

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04289951		90	90	1	ST		Crankcase	Crankcase	WITH ITEM.... (2-8,10-16)
2	04254240	Kit !			10	ST		Hexagon bolt	Hexagon bolt	
3	04160764				10	ST		Bush	Bush	
4	01110423				1	ST		Screw plug	Screw plug	
5	01118693				3	ST		Sealing ring	Sealing ring	
6	01180890				1	ST		Screw plug	Screw plug	
7	01180906				1	ST		Screw plug	Screw plug	
8	01182031				2	ST		Screw plug	Screw plug	
10	04251884	Kit !			4	ST		Bearing bush	Bearing bush	
11	04250086	Kit !			1	ST		Bearing bush	Bearing bush	
12	01148032				6	ST		Cover	Cover	
13	01179634		20	20	4	ST		Core hole plug	Core hole plug	
14	01100940				2	ST		Screw plug	Screw plug	
15	04202518				1	ST		Guide sleeve	Guide sleeve	
16	04226536				1	ST		Plug	Plug	
185	01016125		20	20	1	ST		Safety/lock.agent	Safety/lock.agent	

Materials order list

Order:
User:
Date of maintenance measure:

Customer:
Reference:
Equipment: 00001091393

Date/Time: 2020.09.16 16:01:27
EL-ID: 2012M; EL-No.: 03121884
Equipment: 00001091393
Engine type: BF 4M2012
Materials for maintenance measure:
E30 -- inspection
E40 -- 1st extended inspection
E50 -- 2nd extended inspection
E70 -- major overhaul
EB KK 1 -- initial stock CC1
EB KK 2 -- initial stock CC2
EB KK 3 -- initial stock CC3

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	0117 4311			0,001	0,002			O-seal	0507 8787	1	2	E30	2012M	0010049	2
0002000	3	0114 8891			0,002	0,006			Sealing ring	0507 0162	2	3	E30	2012M	0020004	3
0003000	1	0117 4418			0,520	0,520			Spin-on oil filter	0503 7734	15	1	E30	2012M	0150122	1
0004000	2	0117 4311			0,001	0,002			O-seal	0507 8787	1	2	E40	2012M	0010049	2
0005000	1	0420 6233			0,001	0,001			Gasket	0507 1876	1	2	E40	2012M	0010061	1
0006000	3	0114 8891			0,002	0,006			Sealing ring	0507 0162	2	3	E40	2012M	0020004	3
0007000	1	0419 8796			0,050	0,050			Gasket	0507 0427	8	2	E40	2012M	0080002	1
0008000	1	0117 4418			0,520	0,520			Spin-on oil filter	0503 7734	15	1	E40	2012M	0150122	1
0009000	2	0117 4311			0,001	0,002			O-seal	0507 8787	1	2	E50	2012M	0010049	2
0010000	3	0114 8891			0,002	0,006			Sealing ring	0507 0162	2	3	E50	2012M	0020004	3
0011000	1	0419 8796			0,050	0,050			Gasket	0507 0427	8	2	E50	2012M	0080002	1
0012000	1	0117 4418			0,520	0,520			Spin-on oil filter	0503 7734	15	1	E50	2012M	0150122	1
0013000	10	0425 4240			0,174	1,740			Hexagon bolt	0507 8939	1	2	E70	2012M	0010002	10
0014000	4	0425 1884			0,045	0,180			Bearing bush	0507 8939	1	10	E70	2012M	0010009	4
0015000	1	0425 0086			0,087	0,087			Bearing bush	0507 8939	1	11	E70	2012M	0010010	1
0016000	4	0420 7521			0,001	0,004			Piston cool.nozzle	0507 2355	1	1	E70	2012M	0010016	4
0017000	1	0118 1084			0,040	0,040			Filler cap	0507 4999	1	3	E70	2012M	0010042	1
0018000	1	0118 2245			0,024	0,024			Dipstick	0507 8787	1	1	E70	2012M	0010048	1
0019000	2	0117 4311			0,001	0,002			O-seal	0507 8787	1	2	E70	2012M	0010049	2
0020000	1	0420 3321	90	90	0,120	0,120			Pressure regulator	0507 1876	1	1	E70	2012M	0010060	1
0021000	1	0420 6233			0,001	0,001			Gasket	0507 1876	1	2	E70	2012M	0010061	1
0022000	1	0420 7290			0,023	0,023			Rubber sleeve	0507 1876	1	4	E70	2012M	0010063	1
0023000	3	0117 8750			0,016	0,048			Spring band clamp	0507 4949	1	2	E70	2012M	0010065	3