



Spare Parts Catalog

Engine type: BF 4L2011
Serial number: 00010043448
Output: 0000051,5 kW
Speed: 2800 1/min



Equipment information

Equipment: 00010043448
Type: BF 4L2011
Output: 0000051,5 kW
Speed: 2800 1/min
Build date: 17.08.2005
KLU-Number: 2500 6298/70014062
ETL scope: EU337118
MVS: 062

Customer: Vermeer Mfg.
Location: Pella, IA
Country: USA

VKU date: 24.08.2005

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: 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 RUNNING HOURS ENGINES

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SERIES	2YD YEAR FROM IBS	3RD YEAR FROM IBS
2009, 2011, 2.9, 3.6,,,,,,	MAX. 2.000 RH	MAX. 3.000 RH
1013,2012,2013,91X, 4.1, 6.1, 7.8	MAX. 3.000 RH	MAX. 4.500 RH

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Equipment information

413, 513, 1015, 2015, 12.0, 16.0 MAX. 5.000 RH MAX. 7.500 RH

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Assembly group directory

Equipment:	00010043448	Engine type:	BF 4L2011
Output:	0000051,5 kW	Speed:	2800 1/min
ETL scope:	EU337118		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0507 4210	Crankcase breather	Crankcase breather
1	0507 7818	Dipstick	Dipstick
1	0507 9161	Engine block	Engine block
1	0507 9188	Rear end cover	Rear end cover
2		Oil pan	
2	0506 9057	Oil pan	Oil pan
5		Crankshaft	
5	0505 1754	Power take-off	Power take-off
5	0506 8138	Crankshaft	Crankshaft
5	0507 4151	Flywheel	Flywheel
5	0507 4230	Accessories	Accessories
6		Connecting rod	
6	0507 7880	Connecting rod	Connecting rod
7		Piston	
7	0507 9254	Piston	Piston
8		Cylinder head	
8	0506 7612	Filler cap	Filler cap
8	0506 9155	Valve mechan.cover	Valve mechan.cover
8	0507 4211	Cylinder head	Cylinder head
8	0507 7836	Fastenings	Fastenings
10		Camshaft	
10	0507 9021	Fastenings	Fastenings
10	0507 9185	Camshaft drive	Camshaft drive
10	0507 9197	Protection hood	Protection hood
10	0511 3634	Camshaft	Camshaft
11		Timing gears	
11	0505 1930	Rocker arm bracket	Rocker arm bracket
11	0506 7617	Valve drive	Valve drive
14		Lube oil pump	
14	0507 9248	Oil pump	Oil pump
15		Lube oil/-cooler	
15	0506 4400	Lubric. oil filter	Lubric. oil filter
15	0507 4378	Oil cooler	Oil cooler
15	0507 7896	Bracket	Bracket
15	0507 7917	Pilot line	Pilot line
16		Oil pipes	
16	0506 7624	Press.relief valve	Press.relief valve
16	0506 7625	Oil suction line	Oil suction line
16	0506 8258	Oil return pipe	Oil return pipe
16	0506 9035	Lubricat. oil line	Lubricat. oil line
17		Injection pump	
17	0506 7639	Screw plug	Screw plug
17	0511 3631	Fuel inject. pump	Fuel inject. pump
17	0511 3632	Fastenings	Fastenings
19		Injector	
19	0507 9013	Fuel injector	Fuel injector
20		Fuel filter	
20	0504 2000	Filter cartridge	Filter cartridge

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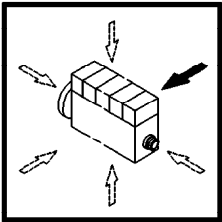
CG	ETL-No.	Designation (en)	Designation (en)
20	0506 8026	Bracket	Bracket
20	0507 9014	Fuel supply pump	Fuel supply pump
21		Fuel pipes/fuel tank	
21	0507 9002	Fuel line	Fuel line
21	0507 9015	High pressure pipe	High pressure pipe
21	0507 9170	Fuel filter	Fuel filter
21	0507 9172	Fuel line	Fuel line
21	0507 9296	Fuel line	Fuel line
21	0507 9299	Fuel line	Fuel line
22		Suction pipe/air cleaner	
22	0506 3419	Blanking parts	Blanking parts
22	0506 8283	Blanking parts	Blanking parts
22	0506 9171	Transfer pipe	Transfer pipe
22	0507 9206	Charge air pipe	Charge air pipe
26		Heater plug installation	
26	0506 3365	Glow plug	Glow plug
27		Speed control	
27	0506 7616	Control rod	Control rod
27	0507 9044	Front cover/govern	Front cover/govern
27	0507 9118	Torque contr.sprg.	Torque contr.sprg.
27	0507 9154	Solenoid	Solenoid
27	0511 3614	Torge adapter	Torge adapter
33		Air compressor	
33	0507 4236	Blanking parts	Blanking parts
39		Cooling air blower	
39	0505 1119	Tensioning pulley	Tensioning pulley
39	0506 3354	Narrow v-belt	Narrow v-belt
39	0506 7679	Sealing section	Sealing section
39	0506 7683	Blower jacket	Blower jacket
39	0507 9237	Cooling fan	Cooling fan
40		Cooling air ducting	
40	0506 8013	Sectional rubber	Sectional rubber
40	0506 8215	Air guidance	Air guidance
40	0507 4284	Fastenings	Fastenings
40	0507 9125	Air duct rear wall	Air duct rear wall
40	0507 9156	Cooling airduct	Cooling airduct
41		Exhaust manifold	
41	0506 3108	Companion flange	Companion flange
41	0506 9183	Exhaust manifold	Exhaust manifold
43		Turbocharger	
43	0507 9011	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0507 9006	Generator	Generator
44	0507 9244	Starter	Starter
48		Electrical accessories	
48	0506 7715	Electric line	Electric line
48	0506 7765	Transmitter mount.	Transmitter mount.
48	0506 8111	Fastenings	Fastenings
48	0507 4134	Control unit	Control unit
48	0507 9141	Connecting pipe	Connecting pipe

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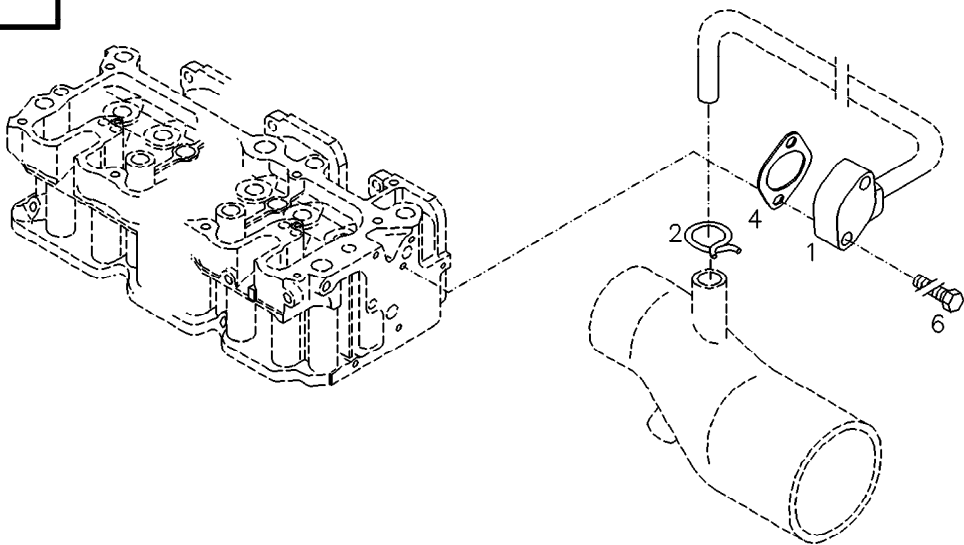
CG	ETL-No.	Designation (en)	Designation (en)
48	0507 9274	Fastenings	Fastenings
48	0507 9276	Fastenings	Fastenings
48	0507 9277	Fastenings	Fastenings
48	0507 9279	Fastenings	Fastenings
51		Measuring instruments	
51	0506 7636	Oil pressur.switch	Oil pressur.switch
51	0506 9029	Temper.transmitter	Temper.transmitter
52		Clutch	
52	0505 1756	Cover plate	Cover plate
52	0506 9152	Adapter housing	Adapter housing
56		Engine shutdown	
56	0507 9085	Shutdown device	Shutdown device
56	0507 9139	Fastenings	Fastenings
56	0507 9140	Blanking parts	Blanking parts
90		Set of parts	
90	0507 4086	Supplem.gasket set	Supplem.gasket set
90	0507 7823	Gasket set	Gasket set
98		Optional extras	
98	0211 2403	Locking screw	Locking screw
98	0417 0886	Compression spring	Compression spring

ETL no.: 0507 4210 Crankcase breather Constr. Group: 01

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0507 4210

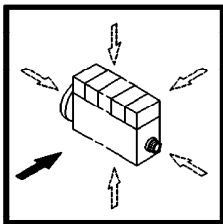
Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04280347	Kit ?		1	ST		Breather pipe	Breather pipe	
2	01178468	Kit ?		1	ST		Hose clip	Hose clip	
4	04271080	Kit ?		1	ST		Gasket	Gasket	
6	01181882	Kit ?		2	ST		Hexagon bolt	Hexagon bolt	

ETL no.: 0507 7818 Dipstick

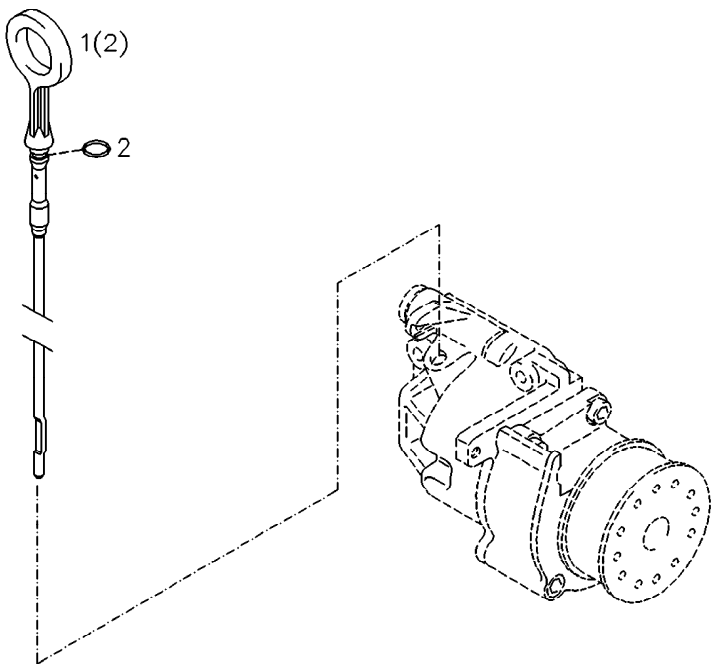
Constr. Group: 01

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ETL scope: EU337118

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0507 7818

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04272815	Kit ?		1	ST		Dipstick	Dipstick	WITH ITEM.... (2)
2	01180693	Kit ?		1	ST		O-seal	O-seal	