



Spare Parts Catalog

BF 4L2011 s/n 865566

Equipment information

Equipment: 00000865566
Type: BF 4L2011
Output: 0000045,5 kW
Speed: 1800 1/min
Build date: 05.09.2003
KLU-Number: 2500 4540/02
ETL scope: EU085458
MVS: 211

Customer: Deutz Corporation
Location: Norcross,
Country: USA

VKU date: 12.09.2003

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
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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

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:	00000865566	Engine type:	BF 4L2011
Output:	0000045,5 kW	Speed:	1800 1/min
ETL scope:	EU085458		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0505 1009	Rear end cover	Rear end cover
1	0507 4242	Crankcase breather	Crankcase breather
1	0507 4244	Engine block	Engine block
1	0507 7832	Dipstick	Dipstick
2		Oil pan	
2	0507 4179	Oil pan	Oil pan
5		Crankshaft	
5	0506 4056	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 4071	Connecting rod	Connecting rod
7		Piston	
7	0507 7873	Piston	Piston
8		Cylinder head	
8	0506 7612	Filler cap	Filler cap
8	0506 9157	Valve mechan.cover	Valve mechan.cover
8	0507 4211	Cylinder head	Cylinder head
8	0507 7836	Fastenings	Fastenings
10		Camshaft	
10	0507 4201	Protection hood	Protection hood
10	0507 4205	Fastenings	Fastenings
10	0507 4322	Camshaft	Camshaft
10	0507 9069	Camshaft drive	Camshaft drive
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 4219	Lubricat. oil pump	Lubricat. oil pump
15		Lube oil/-cooler	
15	0506 4400	Lubric. oil filter	Lubric. oil filter
15	0506 8022	Fastenings	Fastenings
15	0507 4378	Oil cooler	Oil cooler
16		Oil pipes	
16	0506 7624	Press.relief valve	Press.relief valve
16	0506 7625	Oil suction line	Oil suction line
16	0506 7764	Lubricat. oil line	Lubricat. oil line
16	0507 4186	Oil return pipe	Oil return pipe
17		Injection pump	
17	0506 7639	Screw plug	Screw plug
17	0507 4066	Fastenings	Fastenings
17	0507 4238	Fuel inject. pump	Fuel inject. pump
19		Injector	
19	0507 4241	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 7638	Fuel supply pump	Fuel supply pump
20	0506 8026	Bracket	Bracket
21		Fuel pipes/fuel tank	
21	0506 8027	Fuel line	Fuel line
21	0506 8105	Fuel line	Fuel line
21	0507 4040	High pressure pipe	High pressure pipe
21	0507 4317	Overflow line	Overflow line
21	0507 4321	Fuel line	Fuel line
22		Suction pipe/air cleaner	
22	0506 3419	Blanking parts	Blanking parts
22	0506 9171	Transfer pipe	Transfer pipe
22	0507 4089	Suction pipe	Suction pipe
27		Speed control	
27	0506 3347	Blanking parts	Blanking parts
27	0506 7616	Control rod	Control rod
27	0507 7849	Front cover/govern	Front cover/govern
27	0507 7923	Limit stop	Limit stop
29		Control linkage	
29	0507 4206	Engine speed contr	Engine speed contr
33		Air compressor	
33	0507 4236	Blanking parts	Blanking parts
39		Cooling air blower	
39	0505 1119	Tensioning pulley	Tensioning pulley
39	0506 7517	Narrow v-belt	Narrow v-belt
39	0506 8069	Blower jacket	Blower jacket
39	0507 4177	Cooling fan	Cooling fan
39	0507 4360	Cap	Cap
40		Cooling air ducting	
40	0506 8013	Sectional rubber	Sectional rubber
40	0506 8215	Air guidance	Air guidance
40	0507 4283	Air duct rear wall	Air duct rear wall
40	0507 4284	Fastenings	Fastenings
40	0507 4286	Air guide hood	Air guide hood
41		Exhaust manifold	
41	0506 3108	Companion flange	Companion flange
41	0506 9187	Exhaust manifold	Exhaust manifold
43		Turbocharger	
43	0507 4188	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0506 9189	Cooling air baffle	Cooling air baffle
44	0507 4199	Starter	Starter
44	0507 9006	Generator	Generator
46		Engine mounting, rigid	
46	0506 7594	Engine mounting	Engine mounting
48		Electrical accessories	
48	0506 7715	Electric line	Electric line
48	0506 8111	Fastenings	Fastenings
48	0506 8115	Plug housing	Plug housing
48	0506 8273	Fastenings	Fastenings

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48	0507 4042	Cable harness	Cable harness
51		Measuring instruments	
51	0506 7637	Temper.transmitter	Temper.transmitter
51	0506 8117	Oil pressur.switch	Oil pressur.switch
52		Clutch	
52	0505 1756	Cover plate	Cover plate
52	0506 3423	Connection housing	Connection housing
56		Engine shutdown	
56	0507 4254	Shutdown device	Shutdown device
57		V-belt guard	
57	0507 4297	V-belt guard	V-belt guard
90		Set of parts	
90	0507 4086	Supplem.gasket set	Supplem.gasket set
90	0507 7823	Gasket set	Gasket set

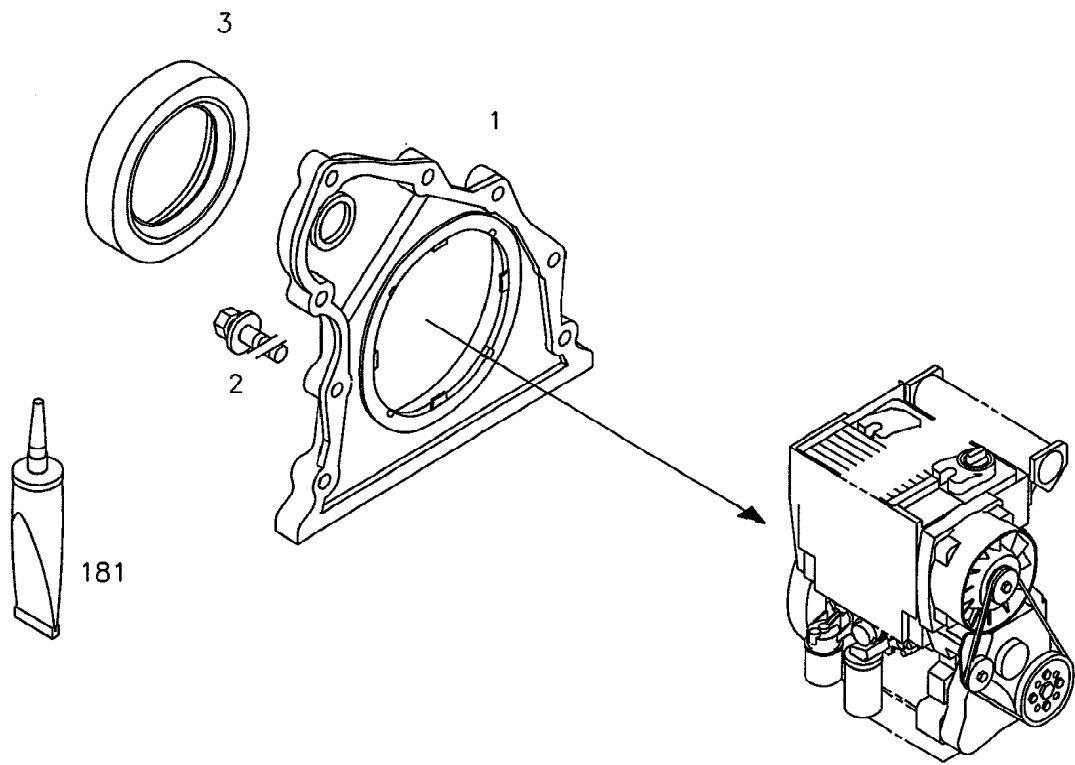
ETL no.: 0505 1009 Rear end cover

Constr. Group: 01

Equipment: 00000865566
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ETL scope: EU085458

Engine type: BF 4L2011
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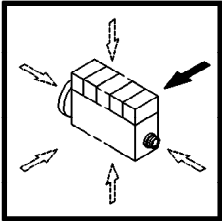


0505 1009

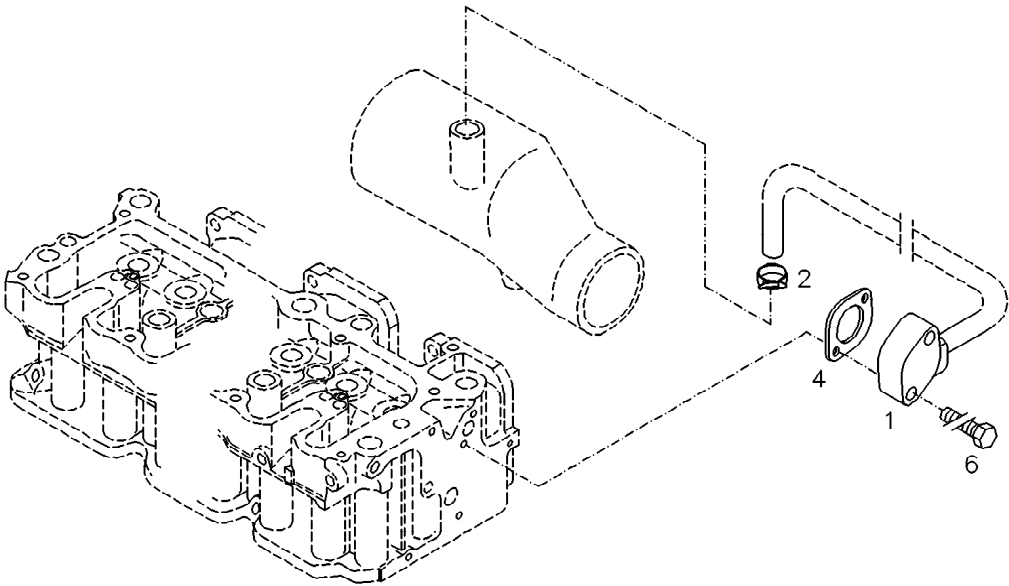
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04287142		90	90	1	ST		Rear end cover	Rear end cover	
2	01176558				8	ST		Hexagon bolt	Hexagon bolt	
3	04102866	Kit !			1	ST		Rot.shaft lip seal	Rot.shaft lip seal	
181	01319909				1	ST		Packing compound	Packing compound	

ETL no.: 0507 4242 Crankcase breather Constr. Group: 01

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0507 4242

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04280348			1	ST		Breather pipe	Breather pipe	
2	01178468			1	ST		Hose clip	Hose clip	
4	04271080			1	ST		Gasket	Gasket	
6	01181882			2	ST		Hexagon bolt	Hexagon bolt	