



Spare Parts Catalog

Engine type: BF 8M1015C
Serial number: 9146704
Output: 400 kW
Speed: 2100 rpm

Equipment information

Equipment: 00009146704
Type: BF 8M1015C
Output: 0000400,0 kW
Speed: 2100 1/min
Build date: 18.02.2003
KLU-Number:
ETL scope: EU520468
MVS: 923

Customer: DEUTZ Iberia
Location: Tres Cantos - Madrid
Country: Spain

VKU date: 10.03.2003

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
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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GROUP	ASSEMBLY
1	Crankcase
2	Oil pan
5	Crankshaft
6	Connecting rod
7	Piston
8	Cylinder head
9	Timing chest
10	Camshaft
11	Timing gears
14	Lube oil pump
15	Lube oil cooler
16	Oil pipes
17	Injection pump
18	Injection pump drive
19	Injector
20	Fuel filter
21	Fuel pipes / Fuel tank
22	Suction pipe / Air cleaner

GROUP	ASSEMBLY
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29	Control linkage
33	Air compressor
36	Air cooler
37	Cooling water pump
38	Water pipes
41	Exhaust manifold
43	Turbocharger
44	Alternator / starter motor
48	Electrical accessories
51	Measuring instruments
52	Clutch
56	Engine shutdown
70	Engine brake
75	Heating system
83	Hydraulic pump
90	Set of parts

Assembly group directory

Equipment: 00009146704
 Output: 0000400,0 kW
 ETL scope: EU520468

Engine type: BF 8M1015C
 Speed: 2100 1/min

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0502 3574	Handling eye	Handling eye
1	0506 7802	Breather	Breather
1	0506 7847	Eyelet bolt	Eyelet bolt
1	0506 7904	Oil filler	Oil filler
1	0506 8351	Pipeline	Pipeline
1	0506 9202	Rear end cover	Rear end cover
1	0506 9207	Guide tube	Guide tube
1	0506 9486	Cover	Cover
1	0507 5791	Dipstick	Dipstick
1	0507 6822	Crankcase	Crankcase
1	0507 6869	Carrier	Carrier
2		Oil pan	
2	0507 6993	Oil pan	Oil pan
2	0507 8546	Drain valve	Drain valve
2	0507 8547	Hose connector	Hose connector
2	0507 8548	Adapter	Adapter
5		Crankshaft	
5	0506 8555	Tors.vibrat.damper	Tors.vibrat.damper
5	0506 8617	Flywheel	Flywheel
5	0507 7627	Crankshaft	Crankshaft
6		Connecting rod	
6	0507 7479	Connecting rod	Connecting rod
7		Piston	
7	0507 7478	Piston	Piston
8		Cylinder head	
8	0506 7966	Fastenings	Fastenings
8	0506 9430	Valve mechan.cover	Valve mechan.cover
8	0506 9431	Cover	Cover
8	0507 5713	Profile washer	Profile washer
8	0507 7578	Cylinder head	Cylinder head
9		Timing chest	
9	0507 5850	Gear train	Gear train
10		Camshaft	
10	0506 8447	Camshaft	Camshaft
11		Timing gears	
11	0506 7814	Valve drive	Valve drive
14		Lube oil pump	
14	0506 7991	Oil pressure pump	Oil pressure pump
15		Lube oil/-cooler	
15	0506 8446	Filter cartridge	Filter cartridge
15	0507 5856	Lubric. oil cooler	Lubric. oil cooler
16		Oil pipes	
16	0506 8660	Lubricat. oil line	Lubricat. oil line
16	0506 9488	Lubricat. oil line	Lubricat. oil line
16	0506 9930	Oil return pipe	Oil return pipe
16	0506 9938	Oil return pipe	Oil return pipe
16	0507 6890	Vent line	Vent line
16	0507 7549	Bracket	Bracket

Equipment:	00009146704	Engine type:	BF 8M1015C
Output:	0000400,0 kW	Speed:	2100 1/min
ETL scope:	EU520468		

CG	ETL-No.	Designation (en)	Designation (en)
16	0507 7558	Lubricat. oil line	Lubricat. oil line
17		Injection pump	
17	0506 7994	Fastenings	Fastenings
17	0506 8586	Parts of fuel pump	Parts of fuel pump
17	0506 8668	Supply pump	Supply pump
17	0506 9257	Fuel inject. pump	Fuel inject. pump
17	0507 7538	Parts of governor	Parts of governor
17	0507 7539	Parts of governor	Parts of governor
17	0507 7569	Parts inject.pump	Parts inject.pump
18		Injection pump drive	
18	0506 8448	Inject. pump drive	Inject. pump drive
19		Injector	
19	0506 9342	Fuel injector	Fuel injector
20		Fuel filter	
20	0503 0048	Two-st.fuel filter	Two-st.fuel filter
20	0507 7442	Fuel prefilter	Fuel prefilter
21		Fuel pipes/fuel tank	
21	0506 9417	Fuel system	Fuel system
21	0506 9418	Fuel system	Fuel system
21	0507 5739	High pressure pipe	High pressure pipe
21	0507 6827	Fuel line	Fuel line
22		Suction pipe/air cleaner	
22	0506 8290	Maint indicator	Maint indicator
22	0506 8310	Charge air pipe	Charge air pipe
22	0506 8324	Fastenings	Fastenings
22	0506 8432	Rubber dust exclud	Rubber dust exclud
22	0506 8553	Connection	Connection
22	0506 8614	Rubber dust exclud	Rubber dust exclud
22	0506 9399	Connecting parts	Connecting parts
22	0506 9402	Connection	Connection
22	0506 9403	Connection	Connection
22	0506 9995	Connecting pipe	Connecting pipe
22	0507 5771	Pipeline	Pipeline
22	0507 5872	Fastenings	Fastenings
22	0507 6804	Intake manifold	Intake manifold
22	0507 6941	Connecting parts	Connecting parts
22	0507 6996	Connecting pipe	Connecting pipe
26		Heater plug installation	
26	0506 7834	Spark ignition	Spark ignition
26	0507 5710	Pipeline	Pipeline
29		Control linkage	
29	0506 7905	Speed adjustment	Speed adjustment
29	0506 8399	Remote control	Remote control
29	0506 8696	Limit stop	Limit stop
33		Air compressor	
33	0506 7885	Mating part	Mating part
33	0506 7911	Fastenings	Fastenings
33	0506 8405	Cover	Cover
33	0506 8413	Suction pipe	Suction pipe
33	0506 8420	Cooling water line	Cooling water line

Equipment:	00009146704	Engine type:	BF 8M1015C
Output:	0000400,0 kW	Speed:	2100 1/min
ETL scope:	EU520468		

CG	ETL-No.	Designation (en)	Designation (en)
33	0506 9285	Pressure oil line	Pressure oil line
33	0507 7482	Cooling water line	Cooling water line
33	0507 8563	Air compressor	Air compressor
36		Water cooler	
36	0507 7516	Hose sleeve	Hose sleeve
37		Cooling water pump	
37	0506 8655	Accessories	Accessories
37	0506 8656	Water inl.connect.	Water inl.connect.
37	0507 7458	Coolant pump	Coolant pump
38		Water pipes	
38	0506 7868	Hose connector	Hose connector
38	0506 8397	Connecting pipe	Connecting pipe
38	0506 8411	Connecting pipe	Connecting pipe
38	0506 9992	Breather	Breather
38	0507 7621	Housing	Housing
41		Exhaust manifold	
41	0506 8323	Fastenings	Fastenings
41	0506 9474	Fastening parts	Fastening parts
41	0506 9495	Fastenings	Fastenings
41	0506 9947	Exhaust gas bend	Exhaust gas bend
41	0506 9948	Exhaust gas bend	Exhaust gas bend
41	0506 9949	Exhaust pipe	Exhaust pipe
41	0506 9950	Exhaust pipe	Exhaust pipe
41	0506 9951	Exhaust pipe	Exhaust pipe
41	0506 9952	Exhaust pipe	Exhaust pipe
41	0507 7331	Connection	Connection
43		Turbocharger	
43	0507 5905	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0506 7871	Fastenings	Fastenings
44	0506 7974	Cap	Cap
44	0506 8556	Accessories	Accessories
44	0506 8690	Starter	Starter
44	0506 9223	Parts start.motor	Parts start.motor
44	0507 5721	Generator	Generator
44	0507 5743	Accessories	Accessories
48		Electrical accessories	
48	0506 7866	Connector	Connector
48	0506 8396	El start access	El start access
48	0506 9272	Plug-in connector	Plug-in connector
48	0506 9303	Plug-in connector	Plug-in connector
48	0507 1706	Interconnect.cable	Interconnect.cable
48	0507 2513	Plug-in connector	Plug-in connector
48	0507 2905	Control unit	Control unit
48	0507 5701	Tacho-generator	Tacho-generator
48	0507 6053	Plug-in connector	Plug-in connector
48	0507 6863	Time-delay-relay	Time-delay-relay
48	0507 8526	Mount	Mount
48	0507 8549	Cable raceway	Cable raceway
51		Measuring instruments	
51	0506 7873	Temper.transmitter	Temper.transmitter

Equipment:	00009146704	Engine type:	BF 8M1015C
Output:	0000400,0 kW	Speed:	2100 1/min
ETL scope:	EU520468		

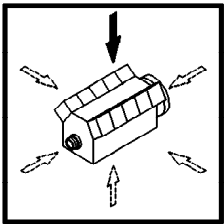
CG	ETL-No.	Designation (en)	Designation (en)
51	0506 7903	Attachment plug	Attachment plug
51	0506 8697	Temper.transmitter	Temper.transmitter
51	0506 9976	Temper.transmitter	Temper.transmitter
51	0506 9996	Pressure pick-up	Pressure pick-up
51	0507 6116	Level switch mount	Level switch mount
51	0507 6856	Level switch mount	Level switch mount
51	0507 6892	Control unit	Control unit
52		Clutch	
52	0506 7830	Connection housing	Connection housing
56		Engine shutdown	
56	0506 8304	Fastenings	Fastenings
56	0506 8404	Shutdown device	Shutdown device
56	0507 5301	Solenoid	Solenoid
70		Engine brake	
70	0505 1863	Gasket	Gasket
70	0505 1864	Flange	Flange
70	0506 7958	Engine brake	Engine brake
75		Heating system	
75	0506 7924	Connection	Connection
83		Hydraulic pump	
83	0506 9296	Pressure oil line	Pressure oil line
83	0507 7643	Hydr.pump mounting	Hydr.pump mounting
90		Set of parts	
90	0507 0283	Cool.syst.protect.	Cool.syst.protect.
90	0507 7568	Gasket set	Gasket set
90	0511 9030	Engine oil	Engine oil

ETL no.: 0502 3574 Handling eye

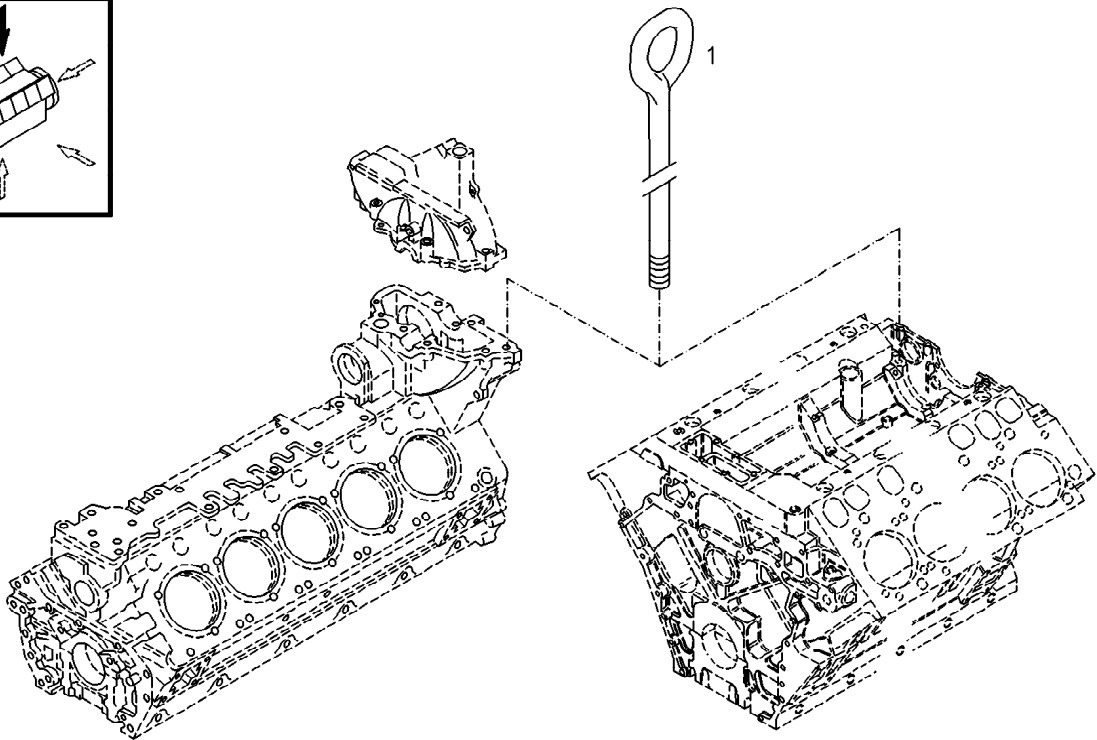
Constr. Group: 01

Equipment: 00009146704
Output: 0000400,0 kW
ETL scope: EU520468

Engine type: BF 8M1015C
Speed: 2100 1/min



002 ©



0502 3574

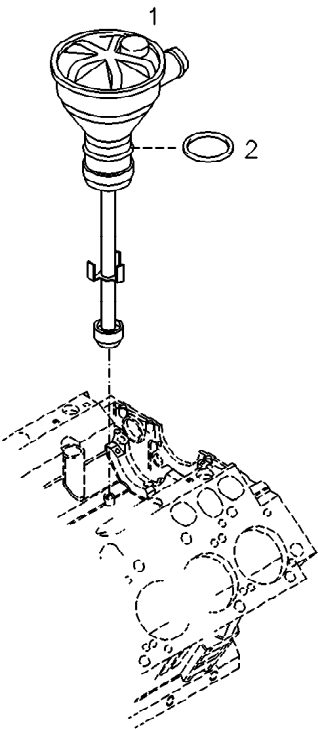
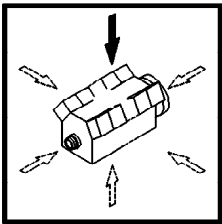
Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02417150	Kit ?		1	ST		Eyelet bolt	Eyelet bolt	345 LG.,HINTEN

ETL no.: 0506 7802 Breather

Constr. Group: 01

Equipment: 00009146704
Output: 0000400,0 kW
ETL scope: EU520468

Engine type: BF 8M1015C
Speed: 2100 1/min



001 ©

0506 7802

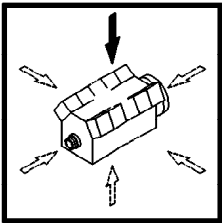
Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04262979	Kit ?		1	ST		Oil separator	Oil separator	
2	01179881	Kit ?		1	ST		O-seal	O-seal	

ETL no.: 0506 7847 Eyelet bolt

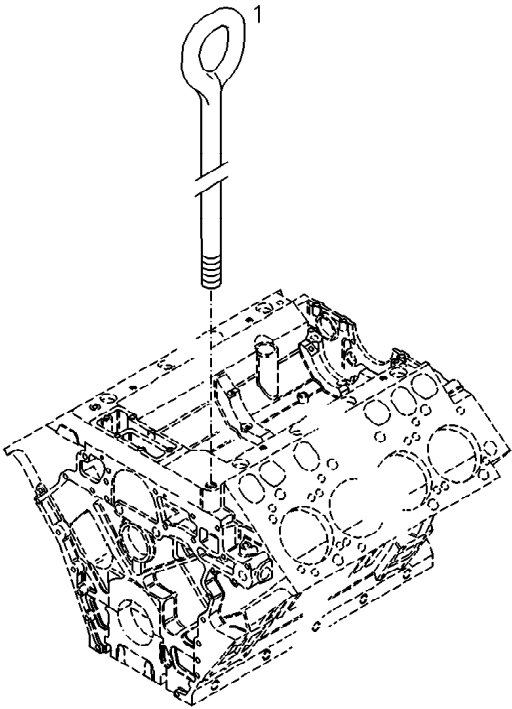
Constr. Group: 01

Equipment: 00009146704
Output: 0000400,0 kW
ETL scope: EU520468

Engine type: BF 8M1015C
Speed: 2100 1/min



001 ©



0506 7847

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04221758	Kit ?		1	ST		Eyelet bolt	Eyelet bolt	

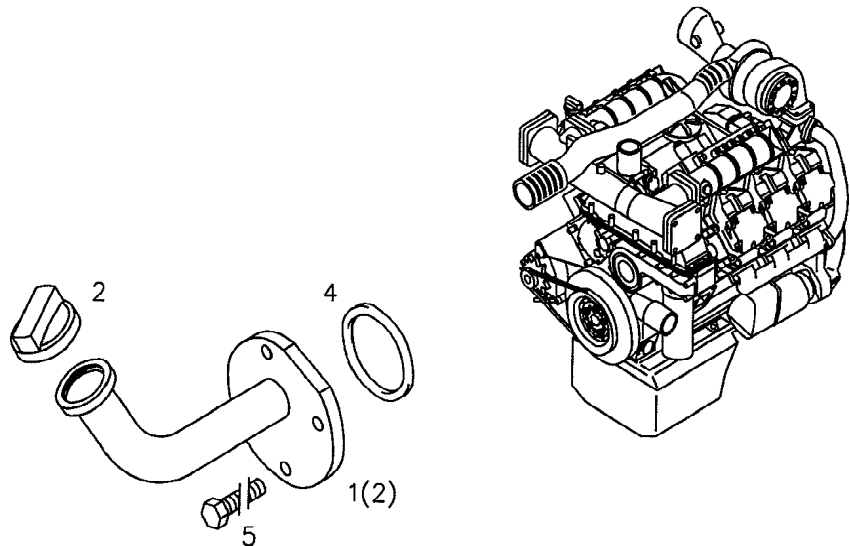
ETL no.: 0506 7904 Oil filler

Constr. Group: 01

Equipment: 00009146704
Output: 0000400,0 kW
ETL scope: EU520468

Engine type: BF 8M1015C
Speed: 2100 1/min

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0506 7904

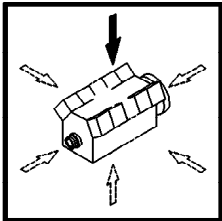
Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04223100	Kit ?		1	ST		Oil filler neck	Oil filler neck	WITH ITEM.... (2)
2	01179630	Kit ?		1	ST		Filler cap	Filler cap	
4	01171696	Kit ?		1	ST		O-seal	O-seal	
5	01112410	Kit ?		4	ST		Hexagon bolt	Hexagon bolt	

ETL no.: 0506 8351 Pipeline

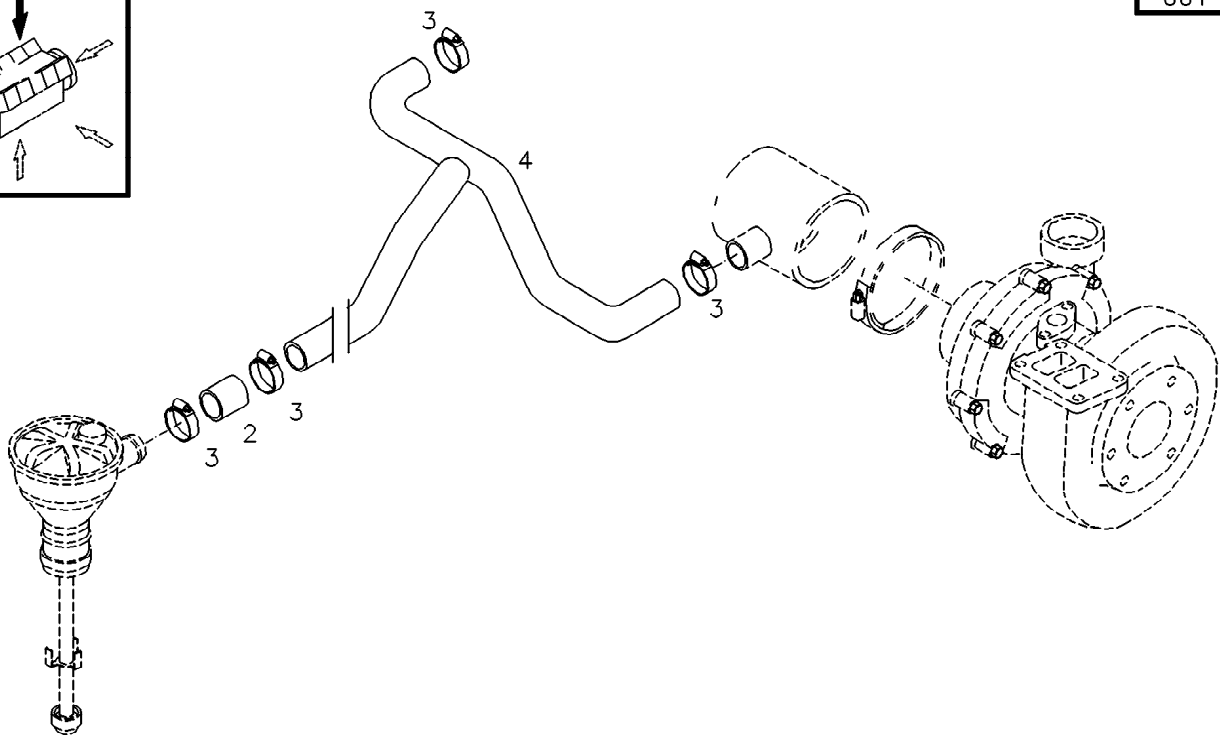
Constr. Group: 01

Equipment: 00009146704
Output: 0000400,0 kW
ETL scope: EU520468

Engine type: BF 8M1015C
Speed: 2100 1/min



001 ©



0506 8351

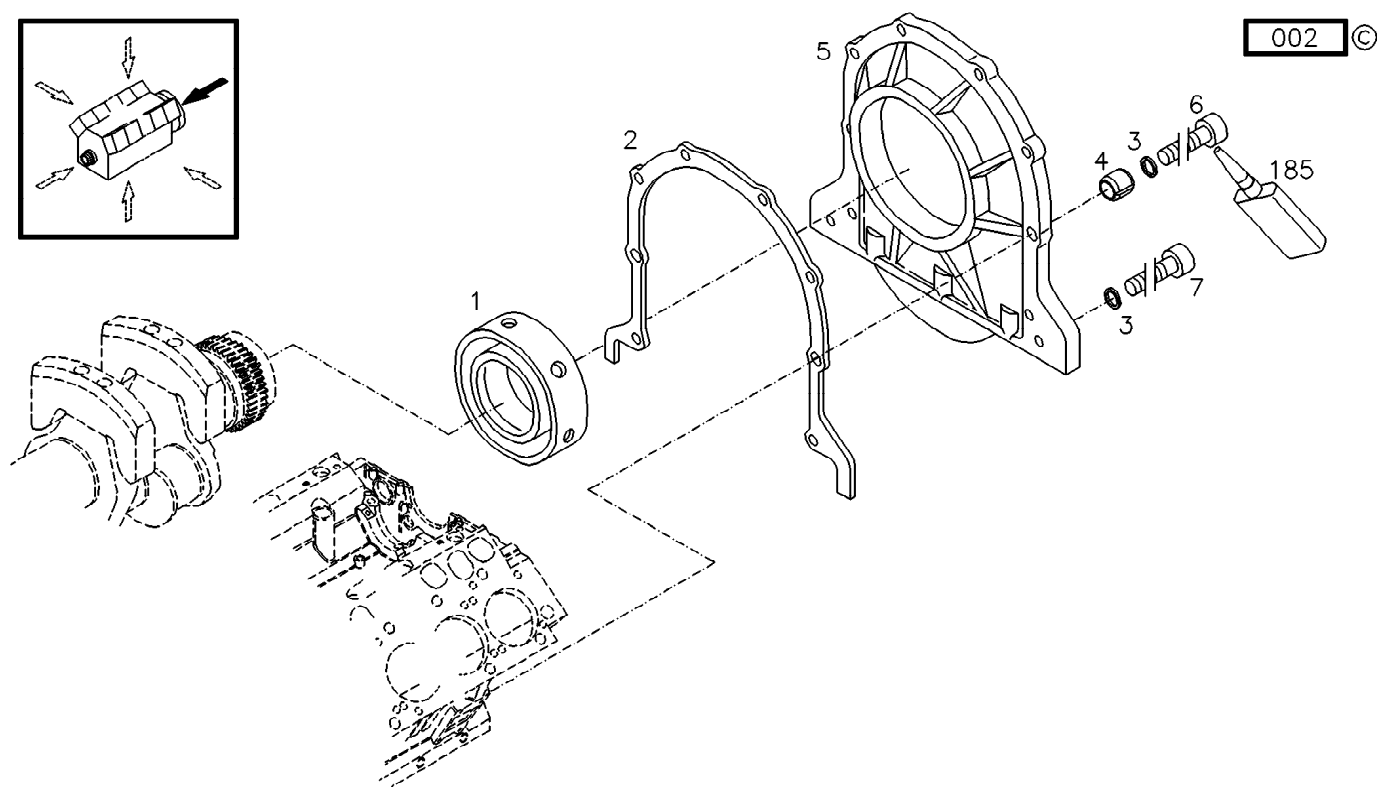
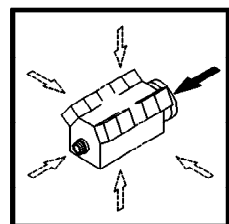
Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
2	01180823	Kit ?		1	ST		Rubber sleeve	Rubber sleeve	
3	01173962	Kit ?		4	ST		Hose clip	Hose clip	
4	04223251	Kit ?		1	ST		Breather pipe	Breather pipe	

ETL no.: 0506 9202 Rear end cover

Constr. Group: 01

Equipment: 00009146704
 Output: 0000400,0 kW
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Engine type: BF 8M1015C
 Speed: 2100 1/min



0506 9202

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04225442	Kit ?			1	ST		Rot.shaft lip seal	Rot.shaft lip seal	
2	04263290	Kit ? 90	90		1	ST		Gasket	Gasket	
3	01118654	Kit ?			10	ST		Sealing ring	Sealing ring	
4	03361375	Kit ?			2	ST		Centering sleeve	Centering sleeve	
5	04223659	Kit ?			1	ST		Rear end cover	Rear end cover	
6	01110582	Kit ?			9	ST		Cheese head screw	Cheese head screw	
7	01110598	Kit ? 20	20		1	ST		Cheese head screw	Cheese head screw	
185	01016127	Kit ? 20	20		1	KG		Safety/lock.agent	Safety/lock.agent	