

Equipment information

Equipment: 00000874364
Type: F 4L1011F
Output: 0000042,0 kW
Speed: 2800 1/min
Build date: 22.10.2003
KLU-Number: 2500 4584/01
ETL scope: EU238972
MVS: 411

Customer: DEUTZ Austria GmbH
Location: Wien
Country: Austria

VKU date: 09.10.2003
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	3RD YEAR
	FROM IBS	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

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:	00000874364	Engine type:	F 4L1011F
Output:	0000042,0 kW	Speed:	2800 1/min
ETL scope:	EU238972		

CG	ETL-No.	Designation (en)	Designation (de)
1		Crankcase	
1	0505 1009	Rear end cover	Hinterer Deckel
1	0506 7706	Cap	Verschlusskappe
1	0506 8040	Crankcase	Kurbelgehaeuse
1	0507 7832	Dipstick	Oelmessstab
2		Oil pan	
2	0506 9104	Oil pan	Oelwanne
5		Crankshaft	
5	0505 1751	Accessories	Anbauteile
5	0505 1752	Power take-off	Kraftabnahme
5	0506 9049	Crankshaft	Kurbelwelle
5	0507 4151	Flywheel	Schwungrad
6		Connecting rod	
6	0506 8010	Connecting rod	Pleuelstange
7		Piston	
7	0506 8142	Piston	Kolben
8		Cylinder head	
8	0506 7612	Filler cap	Einfuellverschluss
8	0506 9005	Valve mechan.cover	Zylinderkopfhaube
8	0507 4127	Fastenings	Befestigungsteile
8	0507 4162	Cylinder head	Zylinderkopf
10		Camshaft	
10	0506 7701	Camshaft drive	Nockenwell.Antrieb
10	0506 7704	Fastenings	Befestigungsteile
10	0506 8150	Protection hood	Schutzhaube
10	0507 4228	Camshaft	Nockenwelle
11		Timing gears	
11	0505 1930	Rocker arm bracket	Kipphebelbock
11	0506 7617	Valve drive	Steuerungsteile
14		Lube oil pump	
14	0506 7615	Lubricat. oil pump	Schmieroelpumpe
15		Lube oil/-cooler	
15	0506 7780	Oil cooler	Oelkuehler
15	0506 8022	Fastenings	Befestigungsteile
15	0506 9118	Lubric. oil filter	Schmieroelfilter
16		Oil pipes	
16	0506 7624	Press.relief valve	Druckbegr.Ventil
16	0506 7625	Oil suction line	Oelsaugleitung
17		Injection pump	
17	0506 7639	Screw plug	Verschlusschraube
17	0507 4032	Fuel inject. pump	Einspritzpumpe
17	0507 4066	Fastenings	Befestigungsteile
19		Injector	
19	0507 4039	Fuel injector	Einspritzventil
20		Fuel filter	
20	0504 2000	Filter cartridge	Filterpatrone
20	0506 7638	Fuel supply pump	Kr.Stoff-Foerd.Ppe
20	0506 8026	Bracket	Konsole

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21		Fuel pipes/fuel tank	
21	0506 7649	Overflow line	Ueberstroemleitung
21	0506 7702	Fuel line	Kraftstoffleitung
21	0506 8027	Fuel line	Kraftstoffleitung
21	0506 8105	Fuel line	Kraftstoffleitung
21	0507 4040	High pressure pipe	Einspritzleitung
22		Suction pipe/air cleaner	
22	0505 1624	Flange	Flansch
22	0506 3389	Air filter fitment	Luftfilteranbau
22	0507 4094	Suction pipe	Saugrohr
26		Heater plug installation	
26	0506 3365	Glow plug	Gluehkerze
27		Speed control	
27	0506 3370	Torge adapter	Drehmom.Angleicher
27	0506 7616	Control rod	Regelstange
27	0506 7699	Front cover/govern	Vord.Deckel/Regler
27	0506 7739	Torque contr.sprg.	Federkapsel
33		Air compressor	
33	0505 1611	Blanking parts	Verschlusssteile
33	0505 1725	Blanking parts	Verschlusssteile
39		Cooling air blower	
39	0505 1119	Tensioning pulley	Spannrolle
39	0506 3447	Narrow v-belt	Schmalkeilriemen
39	0506 7679	Sealing section	Dichtprofil
39	0506 7683	Blower jacket	Geblaesemantel
39	0507 4176	Cooling fan	Kuehlgeblaease
39	0507 4360	Cap	Verschlusskappe
40		Cooling air ducting	
40	0506 7794	Air guide hood	Luftfuehrungshaube
40	0506 8013	Sectional rubber	Profilgummi
40	0506 8215	Air guidance	Luftfuehrung
40	0507 4088	Fastenings	Befestigungsteile
40	0507 9116	Air duct rear wall	Standblech
41		Exhaust manifold	
41	0506 3480	Exhaust silencer	Abgassammeldaempf.
44		Alternator/starter motor	
44	0506 9189	Cooling air baffle	Abschirmblech
44	0507 4199	Starter	Starter
44	0507 9006	Generator	Generator
46		Engine mounting, rigid	
46	0506 9043	Mounting foot	Aufstellfuss
46	0507 7926	Engine mounting	Motorlagerung
48		Electrical accessories	
48	0506 7715	Electric line	Elektr. Leitung
48	0506 8111	Fastenings	Befestigungsteile
48	0506 8273	Fastenings	Befestigungsteile
48	0507 4042	Cable harness	Kabelbaum
48	0507 4136	Control unit	Steuergeraet
51		Measuring instruments	
51	0506 7636	Oil pressur.switch	Oeldruckschalter

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CG	ETL-No.	Designation (en)	Designation (de)
51	0506 7637	Temper.transmitter	Temperaturgeber
52		Clutch	
52	0505 1756	Cover plate	Abdeckblech
52	0506 9152	Adapter housing	Zwischengehaeuse
56		Engine shutdown	
56	0507 4254	Shutdown device	Motorabstellung
83		Hydraulic pump	
83	0507 4083	Clutch sleeve	Kupplungshuelse
83	0507 4084	Accessories	Anbauteile
90		Set of parts	
90	0506 8246	Supplem.gasket set	Zus.-Dichtungssatz
90	0506 8247	Supplem.gasket set	Zus.-Dichtungssatz
90	0506 8248	Gasket set	Dichtungssatz

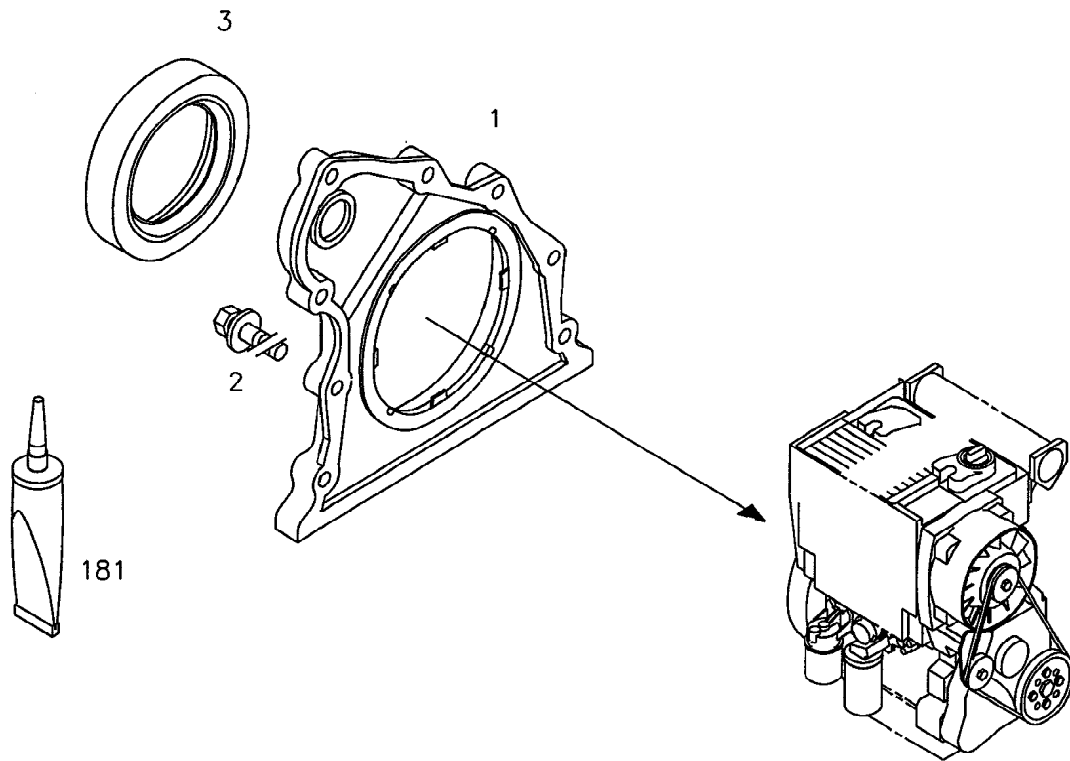
ETL no.: 0505 1009 Rear end cover

Constr. Group: 01

Equipment: 00000874364
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 ETL scope: EU238972

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0505 1009

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

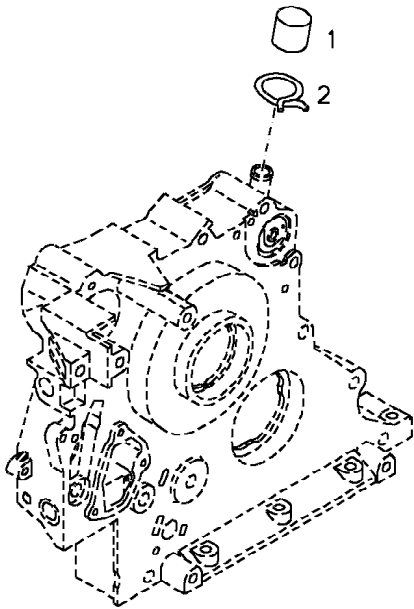
ETL no.: 0506 7706 Cap

Constr. Group: 01

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ETL scope: EU238972

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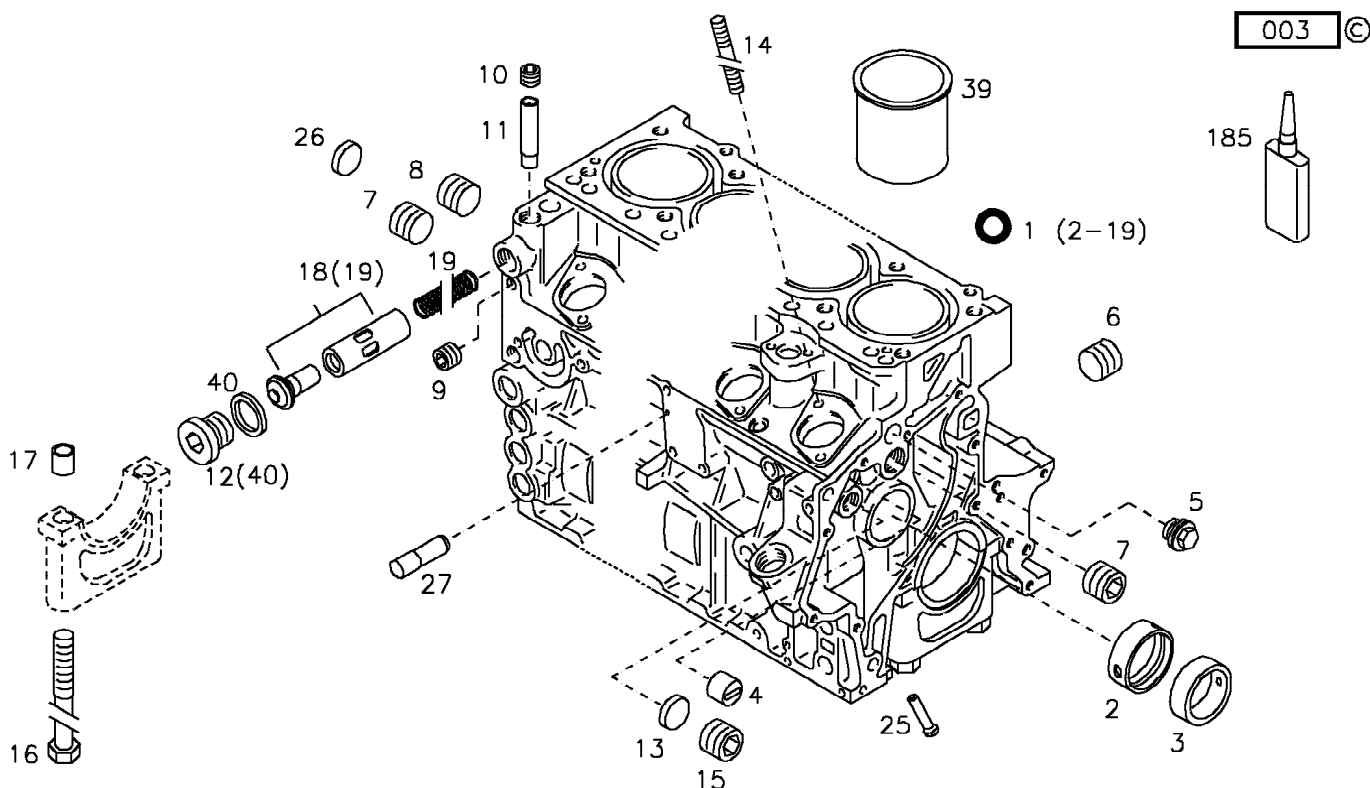
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (de)	Remark
1	04179073		90	90	1	ST		Cap	Verschlusskappe	
2	01176179	Kit !			1	ST		Hose clip	Schlauchklemme	

ETL no.: 0506 8040 Crankcase

Constr. Group: 01

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (de)	Remark
1	04178910				1	ST		Engine block	Zyl.Kurbelgehaeu..	SPAREPART (NEW), REMANUFACTURED PART SEE ITEM (A) COMPL. WIT H ITEM (2-19) (A) 951 F4L M.STANDARD KOLBEN (A) 952 F4L M.ABGASOPT. KOLBEN (A) 953 F4M M.STANDARD KOLBEN (A) 954 F4M M.ABGASOPT. KOLBEN
2	04178155	Kit !			2	ST		Wrapped bear. bush	Lagerbuchse	
3	04178154	Kit !			3	ST		Wrapped bear. bush	Lagerbuchse	
4	04287999				2	ST		Guide sleeve	Fuehrungshuelse	
5	04178741				1	ST		Screw plug	Verschlussschraube	
6	01180889				1	ST		Screw plug	Verschlussschraube	
7	04271453				2	ST		Screw plug	Verschlussschraube	
8	01180891				1	ST		Screw plug	Verschlussschraube	
9	01180886				1	ST		Screw plug	Verschlussschraube	
10	01180887				1	ST		Screw plug	Verschlussschraube	
11	04178218				1	ST		Tube	Rohr	
12	04270312				1	ST		Screw plug	Verschlussschrau..	WITH ITEM.... (40)
13	01144499				1	ST		Cover	Verschussdeckel	
14	01179646		90	90	8	ST		Stud	Stiftschraube	
15	01180888				2	ST		Screw plug	Verschlussschraube	
16	02108134	Kit !			10	ST		Hexagon bolt	Sechskantschraube	