



# Spare Parts Catalog

F 3L2011 s/n 964790

**Equipment information**

**Equipment:** 00000964790  
**Type:** F 3L2011  
**Output:** 0000035,8 kW  
**Speed:** 2800 1/min  
**Build date:** 09.06.2004  
**KLU-Number:** 2500 6179/70008843  
**ETL scope:** EU441910  
**MVS:** 414

**Customer:** Hogland Transfer Company  
**Location:** Everett  
**Country:** USA

**VKU date:** 14.06.2004

**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:** 00000964790  
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**ETL scope:** EU441910

**Engine type:** F 3L2011  
**Speed:** 2800 1/min

CG	ETL-No.	Designation (en)	Designation (en)
<b>1</b>		<b>Crankcase</b>	
1	0507 7820	Dipstick	Dipstick
1	0507 9158	Engine block	Engine block
1	0507 9188	Rear end cover	Rear end cover
<b>2</b>		<b>Oil pan</b>	
2	0507 4015	Oil pan	Oil pan
<b>5</b>		<b>Crankshaft</b>	
5	0505 1752	Power take-off	Power take-off
5	0506 9697	Crankshaft	Crankshaft
5	0507 4151	Flywheel	Flywheel
5	0507 4230	Accessories	Accessories
<b>6</b>		<b>Connecting rod</b>	
6	0507 7881	Connecting rod	Connecting rod
<b>7</b>		<b>Piston</b>	
7	0507 9273	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0506 7612	Filler cap	Filler cap
8	0506 9026	Valve mechan.cover	Valve mechan.cover
8	0507 4306	Cylinder head	Cylinder head
8	0507 4313	Fastenings	Fastenings
<b>10</b>		<b>Camshaft</b>	
10	0507 9021	Fastenings	Fastenings
10	0507 9049	Camshaft drive	Camshaft drive
10	0507 9095	Camshaft	Camshaft
10	0507 9183	Protection hood	Protection hood
<b>11</b>		<b>Timing gears</b>	
11	0505 1930	Rocker arm bracket	Rocker arm bracket
11	0506 7617	Valve drive	Valve drive
<b>14</b>		<b>Lube oil pump</b>	
14	0507 4220	Lubricat. oil pump	Lubricat. oil pump
<b>15</b>		<b>Lube oil/-cooler</b>	
15	0506 4400	Lubric. oil filter	Lubric. oil filter
15	0506 8000	Oil cooler	Oil cooler
15	0507 7896	Bracket	Bracket
15	0507 7918	Pilot line	Pilot line
<b>16</b>		<b>Oil pipes</b>	
16	0506 7624	Press.relief valve	Press.relief valve
16	0506 8061	Oil suction line	Oil suction line
<b>17</b>		<b>Injection pump</b>	
17	0506 7639	Screw plug	Screw plug
17	0507 9177	Fuel inject. pump	Fuel inject. pump
17	0507 9201	Fastenings	Fastenings
<b>19</b>		<b>Injector</b>	
19	0507 9013	Fuel injector	Fuel injector
<b>20</b>		<b>Fuel filter</b>	
20	0506 7542	Filter cartridge	Filter cartridge
20	0506 8026	Bracket	Bracket
20	0507 9014	Fuel supply pump	Fuel supply pump

<b>Equipment:</b>	00000964790	<b>Engine type:</b>	F 3L2011
<b>Output:</b>	0000035,8 kW	<b>Speed:</b>	2800 1/min
<b>ETL scope:</b>	EU441910		

CG	ETL-No.	Designation (en)	Designation (en)
<b>21</b>		<b>Fuel pipes/fuel tank</b>	
21	0507 9001	Fuel line	Fuel line
21	0507 9004	Fuel line	Fuel line
21	0507 9015	High pressure pipe	High pressure pipe
21	0507 9170	Fuel filter	Fuel filter
21	0507 9171	Fuel line	Fuel line
21	0507 9172	Fuel line	Fuel line
<b>22</b>		<b>Suction pipe/air cleaner</b>	
22	0505 1624	Flange	Flange
22	0505 1625	Air filter fitment	Air filter fitment
22	0506 3419	Blanking parts	Blanking parts
22	0507 4093	Suction pipe	Suction pipe
<b>26</b>		<b>Heater plug installation</b>	
26	0506 3365	Glow plug	Glow plug
<b>27</b>		<b>Speed control</b>	
27	0506 8080	Control rod	Control rod
27	0507 7916	Torge adapter	Torge adapter
27	0507 9047	Front cover/govern	Front cover/govern
27	0507 9118	Torque contr.sprg.	Torque contr.sprg.
27	0507 9154	Solenoid	Solenoid
<b>33</b>		<b>Air compressor</b>	
33	0507 4236	Blanking parts	Blanking parts
<b>39</b>		<b>Cooling air blower</b>	
39	0505 1119	Tensioning pulley	Tensioning pulley
39	0506 3447	Narrow v-belt	Narrow v-belt
39	0506 7747	Blower jacket	Blower jacket
39	0507 4175	Cooling fan	Cooling fan
39	0507 4360	Cap	Cap
<b>40</b>		<b>Cooling air ducting</b>	
40	0506 7793	Air guide hood	Air guide hood
40	0506 8013	Sectional rubber	Sectional rubber
40	0506 8215	Air guidance	Air guidance
40	0507 4088	Fastenings	Fastenings
40	0507 9116	Air duct rear wall	Air duct rear wall
<b>41</b>		<b>Exhaust manifold</b>	
41	0505 1795	Exhaust silencer	Exhaust silencer
<b>44</b>		<b>Alternator/starter motor</b>	
44	0507 4199	Starter	Starter
44	0507 9006	Generator	Generator
<b>48</b>		<b>Electrical accessories</b>	
48	0506 7716	Electric line	Electric line
48	0506 8111	Fastenings	Fastenings
48	0506 8115	Plug housing	Plug housing
48	0506 8273	Fastenings	Fastenings
48	0507 9134	Cable harness	Cable harness
<b>51</b>		<b>Measuring instruments</b>	
51	0506 7636	Oil pressur.switch	Oil pressur.switch
51	0506 9029	Temper.transmitter	Temper.transmitter
<b>52</b>		<b>Clutch</b>	
52	0505 1756	Cover plate	Cover plate

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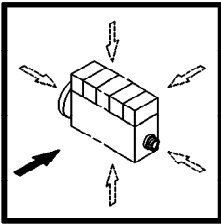
<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>	<b>Designation (en)</b>
52	0506 9152	Adapter housing	Adapter housing
<b>56</b>		<b>Engine shutdown</b>	
56	0507 9085	Shutdown device	Shutdown device
56	0507 9139	Fastenings	Fastenings
<b>57</b>		<b>V-belt guard</b>	
57	0507 4297	V-belt guard	V-belt guard
<b>90</b>		<b>Set of parts</b>	
90	0507 7822	Gasket set	Gasket set
90	0511 3674	Supplem.gasket set	Supplem.gasket set
90	0511 9030	Engine oil	Engine oil

ETL no.: 0507 7820 Dipstick

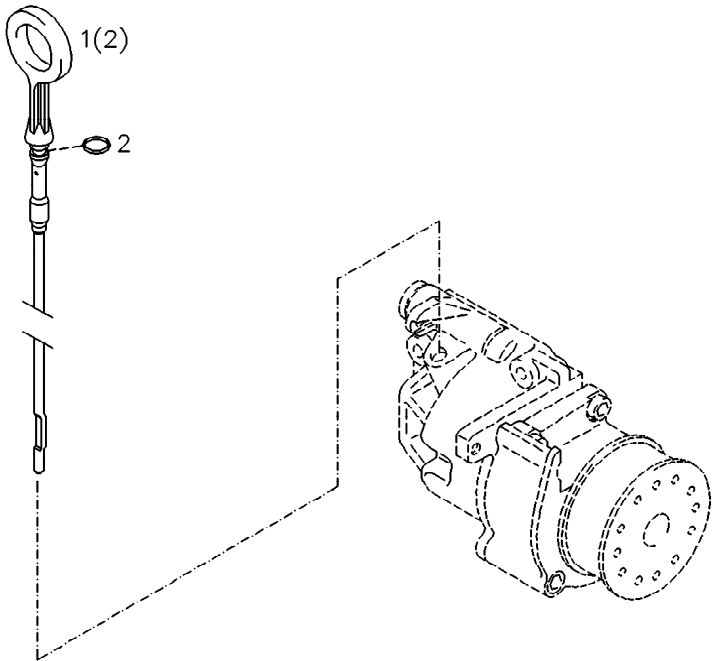
Constr. Group: 01

Equipment: 00000964790  
Output: 0000035,8 kW  
ETL scope: EU441910

Engine type: F 3L2011  
Speed: 2800 1/min



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0507 7820

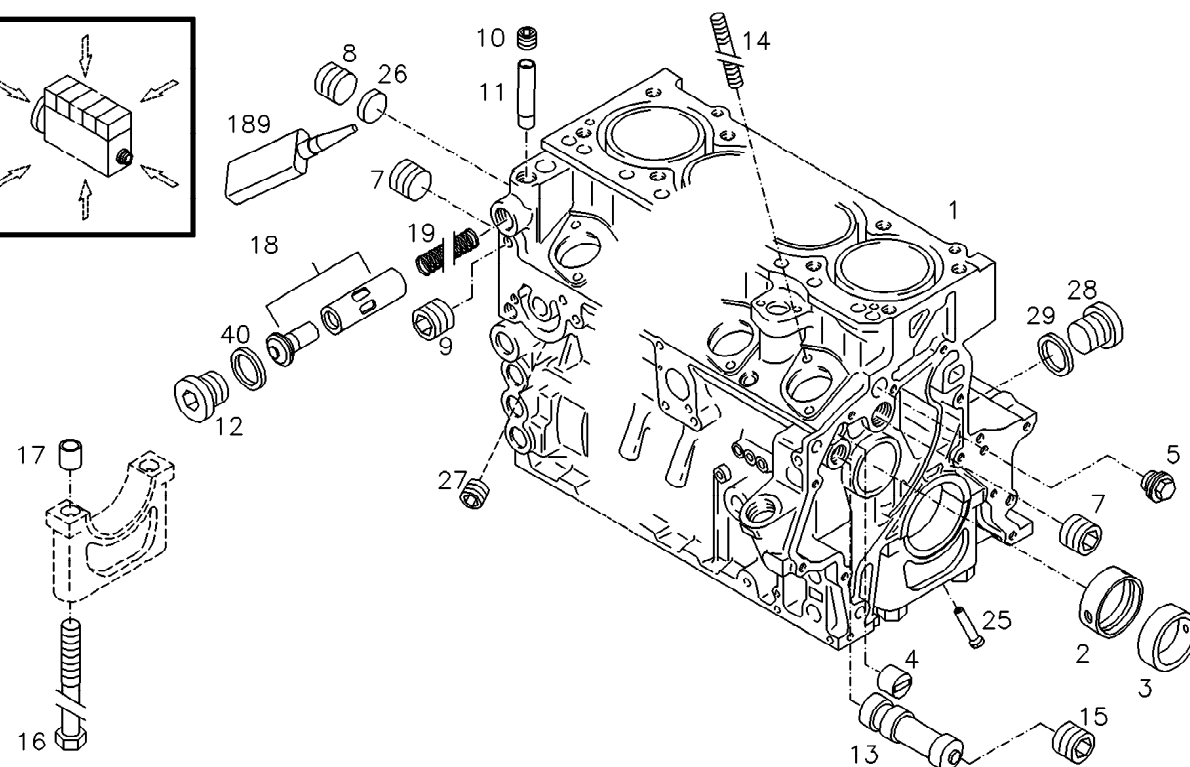
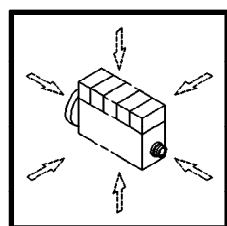
Item	Material	Kit	MS VS	Quant	UnitOrd	Designation (en)	Designation (en)	Remark
1	04272816	Kit !		1	ST	Dipstick	Dipstick	WITH ITEM.... (2)
2	01180693	Kit !		1	ST	O-seal	O-seal	

ETL no.: 0507 9158 Engine block

Constr. Group: 01

Equipment: 00000964790  
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 Speed: 2800 1/min



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0507 9158

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04281938				1	ST		Engine block	Engine block	Mit Pos....(2-19)
2	04178155				2	ST		Wrapped bear. bush	Wrapped bear. bush	
3	04178154				2	ST		Wrapped bear. bush	Wrapped bear. bush	
4	04287999				2	ST		Guide sleeve	Guide sleeve	
5	04178741				1	ST		Screw plug	Screw plug	
7	04271453				2	ST		Screw plug	Screw plug	
8	01180891				1	ST		Screw plug	Screw plug	
9	01180889				1	ST		Screw plug	Screw plug	
10	01180887				1	ST		Screw plug	Screw plug	
11	04178218				1	ST		Tube	Tube	
12	04270312				1	ST		Screw plug	Screw plug	Mit Pos....(40)
13	04281325				1	ST		Plug	Plug	
14	01182090				6	ST		Stud	Stud	
15	01180888				1	ST		Screw plug	Screw plug	
16	02108134				8	ST		Hexagon bolt	Hexagon bolt	
17	03362279				8	ST		Bush	Bush	
18	04179928	90	90		1	ST		Thermostat	Thermostat	Mit Pos....(19)
19	04178238				1	ST		Compression spring	Compression spring	
25	04178452				6	ST		Piston cool.nozzle	Piston cool.nozzle	
26	01148153				1	ST		Cover	Cover	
27	01180886				1	ST		Screw plug	Screw plug	
28	01110422				1	ST		Screw plug	Screw plug	
29	01118673				1	ST		Sealing ring	Sealing ring	