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# ***Engine Parts Manual***

## ***Model TH255C***

TD 2.9 L4 Engine  
441-9208 & 441-9209

**31200934**

*Revised  
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Figure 1-2 Breather Line

Item	Part Number	Qty.	Description	Rev.
1	449-2449	1	BREATHER LINE	
2	449-2407	1	RUBBER SLEEVE	
3	449-2405	3	SPRING BAND CLAMP	
4	447-2144	1	PIPE CLAMP	
5	447-2101	1	HEXAGON BOLT	



Figure 1-7 V-Grooved Pulley

Item	Part Number	Qty.	Description	Rev.
1	450-0119	1	V-GROOVED PULLEY	



Figure 1-11 Front Cover

Item	Part Number	Qty.	Description	Rev.
1	450-0212	1	CAP	
2	447-2108	1	GASKET	
3	447-2154	13	HEXAGON BOLT, (torque to 30 Nm/22 lb-ft)	
4	447-2123	1	SCREW PLUG, (torque to 60 Nm/44 lb-ft)	
5	449-2400	1	VALVE	
6	447-2168	1	SPRING	
7	447-2114	1	SEALING RING	
8	459-2815	1	ROTATING SHAFT LIP SEAL	



Figure 1-16 Oil Suction Pipe

Item	Part Number	Qty.	Description	Rev.
1	449-2434	1	OIL SUCTION PIPE	
2	447-2130	2	HEXAGON BOLT, (torque to 30 Nm/22 lb-ft)	
291		1	LOCTITE® 5900™	

**Figure 1-20 Fuel Filter**

Item	Part Number	Qty.	Description	Rev.
1	449-2424	1	FUEL FILTER, (includes item 2)	
2	440-6212	1	SPIN-ON FUEL FILTER	
3	447-2148	2	HEXAGON BOLT, (torque to 42 Nm/31 lb-ft)	
4	449-2348	1	PRESSURE SENSOR, (includes item 5), (torque to 25 Nm/18 lb-ft)	
5	447-2110	1	O-SEAL	

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Figure 1-25 Fuel Line

Item	Part Number	Qty.	Description	Rev.
1	447-2174	1	FUEL LINE, (includes items 2, 3 & 5 thru 7)	
2	447-2134	2	SPRING BAND CLAMP	
3	447-2142	1	PIPE CLAMP	
4	447-2126	1	HEXAGON BOLT, (torque to 30 Nm/22 lb-ft)	
5	447-2115	2	SEALING RING	
6	447-2121	1	HOLLOW SCREW, (torque to 49 Nm/36 lb-ft)	
7	449-2421	1	FUEL HOSE	

**Figure 1-30 Coolant Pump**

Item	Part Number	Qty.	Description	Rev.
1	449-2387	1	COOLING WATER PUMP, (includes items 2 thru 4)	
2	447-2156	4	HEXAGON BOLT, (torque to 30 Nm/22 lb-ft)	
3	450-0216	1	SEALING RING	
4	447-2116	2	SCREW PLUG	
5	447-2193	2	SEALING RING	

**Figure 1-35 Exhaust Manifold**

Item	Part Number	Qty.	Description	Rev.
1	449-2433	1	EXHAUST MANIFOLD	
2	447-2157	8	TORX-HD BOLT, (torque to 55 Nm/41 lb-ft)	
3	449-2428	1	GASKET	

**Figure 1-40 Generator**

<b>Item</b>	<b>Part Number</b>	<b>Qty.</b>	<b>Description</b>	<b>Rev.</b>
1	449-2390	1	GENERATOR, (includes items 2 thru 6)	
2	449-2414	1	CONTROLLER	
3	449-2408	1	FAN	
4	449-2409	1	FASTENINGS, (includes items 5 & 6)	
5	447-2111	1	PLAIN WASHER	
6	447-2118	1	HEXAGON NUT	



Figure 1-45 Fastenings

Item	Part Number	Qty.	Description	Rev.
1	449-2429	1	ANGLE SUPPORT	
2	447-2177	1	RETAINING PLATE	
3	449-2442	1	RETAINING PLATE	
4	447-2133	2	HEXAGON BOLT, (torque to 30 Nm/22 lb-ft)	
5	447-2153	3	HEXAGON BOLT, (torque to 30 Nm/22 lb-ft)	
6	447-2125	3	HEXAGON BOLT, (torque to 30 Nm/22 lb-ft)	
7	447-2186	1	SUPPORT	



Figure 1-49 Pressure Sensor

Item	Part Number	Qty.	Description	Rev.
1	449-2348	1	PRESSURE SENSOR, (includes item 2), (torque to 25 Nm/18 lb-ft)	
2	447-2110	1	O-SEAL	



Figure 1-54 Bracket

Item	Part Number	Qty.	Description	Rev.
1	449-2473	2	BRACKET	

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