Authorized Field Change

INTERNATIONAL

AFC G-01914

Date: January, 2002

Subject File: ENGINE

Subject: Insufficient Torque on the Engine Oil Pick Up Tube Support Mounting Bolt and Nut on International DT 466 and 530 Engines Used in 2654, 4300, 4400, and 7400 Models Built Between October 12, 2001 and December 5, 2001

Model: 2654

Start Date: 10/12/2001 End Date: 12/05/2001

Model: 4300

Start Date: 10/12/2001 End Date: 12/05/2001

Model: 4400

Start Date: 10/12/2001 End Date: 12/05/2001

Model: 7400

Start Date: 10/12/2001 End Date: 12/05/2001

DESCRIPTION

The engine oil pick up tube support mounting bolt and nut on front sump engines may have been under-torqued on certain International DT466 and 530 engines. Inspect the bolt and tighten to 17 Lbf-Ft (23 Nm) of torque.

PARTS INFORMATION

Table 1 Parts Information

Part Number	Description	Quantity
1826587C1	Oil Pan Gasket	1
1830858C1	RTV	1
1823275C1	Oil Pan Bolts (Long)	As needed
1823281C1	Oil Pan Bolts (Short)	As needed
1817957C1	Pick Up Tube Support Bolt	As needed
40050R1	Pick Up Tube Support Nut	As needed
NPN	Engine Oil (See Note)	26 Quarts

NOTE – Refer to the Engine Operation and Maintenance Manual for the proper engine oil to use in the vehicle being serviced.

SERVICE PROCEDURE

- 1. Remove engine oil pan drain plug and drain engine oil. After the oil has drained, re-install oil pan drain plug and tighten to 50 Lbf-Ft (68 Nm) of torque.
- 2. Remove 22 oil pan mounting bolts.
- 3. Remove mounting bars.
- 4. Remove oil pan and gasket from crankcase.
- 5. Manually remove all oil pan gasket and RTV residue from both the oil pan and crankcase using a hand gasket scraper. Do not use an abrasive pad or a wire wheel as stated in the service manual.

CAUTION – To prevent possible oil contamination and/or leaks, thoroughly clean all gasket and RTV residue and any other debris from the interior surfaces of the oil pan prior to reassembly.

- 6. Using a 10-mm wrench on the pick up tube support bolt head and a 13-mm socket on the nut, tighten the nut to 17 Lbf-Ft (23 Nm).
- 7. Apply a 6 mm (1/4 in.) bead of RTV to the locations shown in Figures 1 and 2:
 - a. Where the crankcase and rear half of the front cover and the crankcase and rear oil seal carrier contact each other.
 - b. Also apply a circle of RTV around the cupped plug crankcase orientation holes located on the oil pan rails of the crankcase.

NOTE - DO NOT apply RTV more than 5 minutes before installing the oil pan.

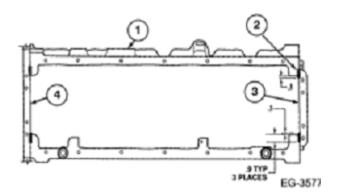


Figure 1 Applying RTV To Crankcase (Bottom View)

- 1. CRANKCASE
- 2. TO EDGE OF SEAL CARRIER
- 3. SEAL CARRIER
- 4. FRONT COVER REAR HALF

SERVICE PROCEDURE (CONT.)

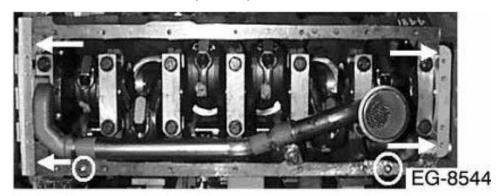


Figure 2 Applying RTV To Crankcase Rails

- 8. Place the oil pan gasket onto the oil pan so that the edge marked FRONT is facing the front cover.
- 9. Install the oil pan onto the crankcase. Place the two oil pan mounting bars on the pan oil rail and install the fourteen (14) long mounting bolts finger tight.
- 10. Install the eight (8) shorter bolts finger tight to attach the oil pan to the front cover and rear oil seal carrier.

3

- 11. Torque all oil pan bolts to 17 Lbf.-Ft.
- 12. Remove the oil dipstick.
- 13. Refill the engine with new engine oil.
- 14. Re-install oil dipstick, check for the proper oil level and adjust as needed.
- 15. Start engine and check for oil leaks.

AFC-G-01914

Operation number must appear on all claims.

Table 2 Labor Information

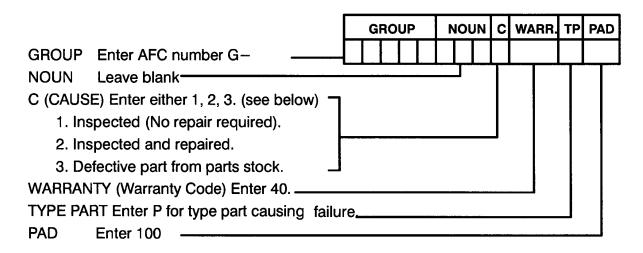
Operation No.	Description	Time
A40-01914-1	Tighten Oil Sump Support Mounting Bolt	1.4 Hrs.

ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number G-01914.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7–1. Special attention should be given to Items 39 through 44.

To assure this important improvement is made in a timely manner, all claims for G-01914 activity must be submitted by September 30, 2004 or within the normal warranty period for the vehicle, if after September 30, 2004



Distribution: All except J-81 Reproduction: Not required.