

December 20, 2004

TO: ALL JEEP DEALERS

FROM: J. E. HILGER

THIS SERVICE ACTION SHOULD BE COMPLETED PRIOR TO SALE TO AVOID CUSTOMER DISSATISFACTION.

SUBJECT: Rapid Response Transmittal Service Action #04-029
Structural Dust Cover Bolt May Contact Oil Pan

INVOLVED VEHICLES: 2005 (WK) Grand Cherokee

NOTE: This service action applies to vehicles equipped with a 5.7L engine (sales code EZB).

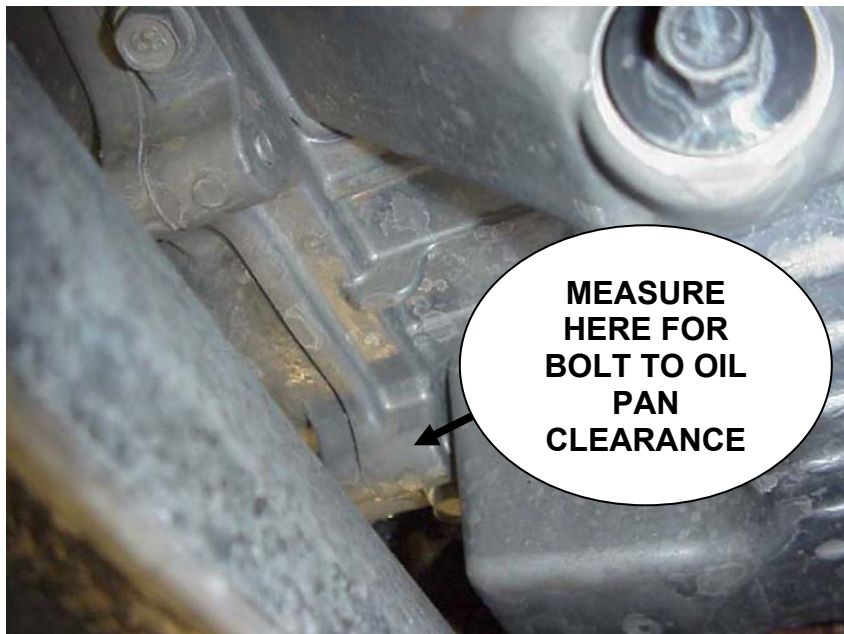
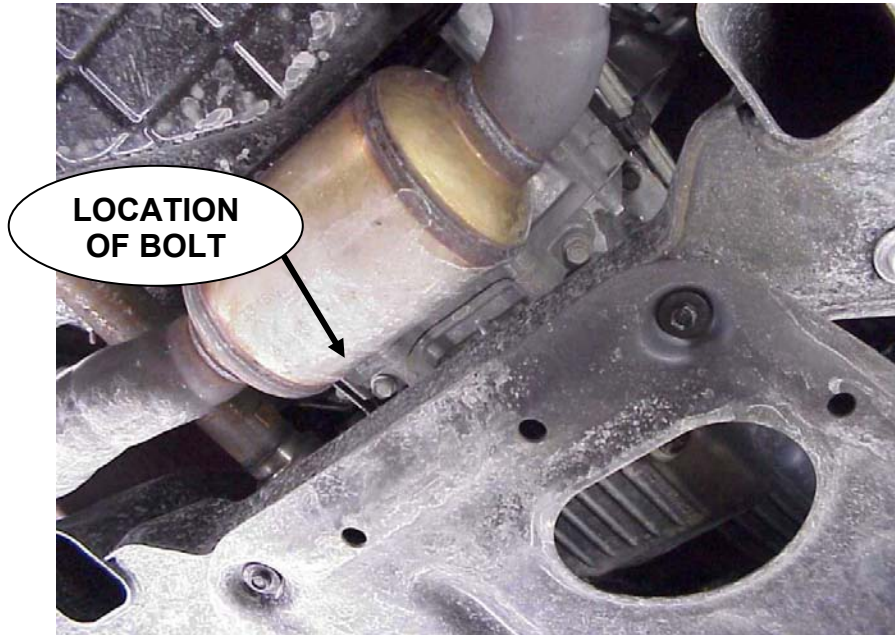
NOTE: The VIN List is available on DealerCONNECT for all affected dealers. The VIN List has been inserted in the Service Tab under Rapid Response Transmittals. The dealers receiving the Rapid Response Transmittal Service Action are the “Ship To” dealers and the VIN(s) listed are specific to their dealership.

SYMPTOM/CONDITION:

A number of Grand Cherokees with 5.7L engines (EZB) may have been built with a structural dust cover bolt that may be too long. If the bolt is too long, it may come in contact with the engine oil pan. A bolt that is too long may cause damage to occur to the cast engine oil pan.

DIAGNOSIS:

1. Raise the vehicle on a suitable lift.
2. Locate the suspect transmission inspection cover bolt at the back of the engine oil pan on the left (driver) side of the vehicle.
3. Inspect the head of the suspect bolt. If the number on the head of the suspect bolt is a “9.8”, then there should be no interference issue. Verify clearance, lower vehicle, and return to customer.
4. If the number on the head of the suspect bolt is a “10.9”, then there may be an interference issue between the end of the bolt and the engine oil pan.
5. Using a 0.025 mm (0.001 in.) thick feeler gauge, determine if the feeler gauge can pass between the end of the “10.9” bolt and the engine oil pan.
6. If sufficient clearance of 0.025 mm (0.001 in.) or more is present between the end of the incorrect (“10.9”) bolt and the engine oil pan, then perform only step 1 of the Repair Procedure (replace the bolt).
7. If the incorrect structural dust cover bolt (“10.9”) is in contact with the engine oil pan, then perform step 2 of the Repair Procedure (replace oil pan and bolt). Verify part availability prior to disassembly.



PARTS REQUIRED:

- 1 06101985 Bolt
- 1 53021860AC Pan, Engine Oil
- 1 04792874AA Gasket, Engine Oil Pan
- 1 05281090 Filter, Oil
- 1 04883971 RTV, Engine
- 7 04761872AB Oil, Engine (5W-20 MS-6395 or equivalent)

NOTE: VERIFY PARTS AVAILABILITY PRIOR TO DISASSEMBLY.

SPECIAL TOOLS / EQUIPMENT REQUIRED:

8534 Engine Support Fixture

REPAIR PROCEDURE:

1. Replace the structural dust cover bolt. Tighten to 54 Nm (40 ft. lbs.).
2. Replace the engine oil pan and the structural dust cover bolt. Refer to the Technical Information (9 – Engine / Lubrication / Oil Pan / Removal / Oil Pan) on TechCONNECT for detailed removal and installation procedures.

POLICY: Reimbursable within the provisions of the warranty.

NOTE: USE OF THE LABOR OPERATION INCLUDED WITH THIS SERVICE ACTION ON VEHICLES OTHER THAN THOSE INVOLVED MAY BE SUBJECT TO CHARGE BACK.

TIME ALLOWANCE:

Labor Operation No:

09-60-01-93	Inspect – correct bolt – clearance ok	0.2 Hrs.
09-60-01-96	Inspect – wrong bolt – replace – clearance ok	0.2 Hrs.
09-60-01-94	Pan, Oil – Inspect and Replace, 4x2 equipped	1.6 Hrs.
09-60-01-95	Pan, Oil – Inspect and Replace, 4x4 equipped	3.7 Hrs.

FAILURE CODE:

P9 – Inspection
27 – Damage
0X – Wrong Part

If you have any questions, contact your Business Center.



J. E. Hilger
Vice President, Global Service