



Applies To: **2007 MDX** – ALL
2008 MDX – From VIN 2HNYD2...8H500001 thru 2HNYD2...8H504999

June 17, 2009

MID or Navi Shows a Check Engine Oil Level Message, Low Oil Pressure Indicator May Be On

(Supersedes 09-012, dated March 13, 2009, to revise the information marked by the black bars)

REVISION SUMMARY

Under PARTS INFORMATION and REPAIR PROCEDURE, an O-ring for the R72 engine oil pressure switch was added.

SYMPTOM

With a normal engine oil level, a “check engine oil level” message appears on the MID or the navigation screen. The low oil pressure indicator on the instrument panel may also be on.

PROBABLE CAUSE

The engine oil pressure switch is faulty.

CORRECTIVE ACTION

Replace the engine oil pressure switch.

PARTS INFORMATION

NOTE: On 2007 MDXs and early-production 2008 MDXs, the threads of the oil pressure switch are different than those on later '08 MDXs. To make sure you install the correct switch, use the oil pump ID information (see step 3 of REPAIR PROCEDURE).

Engine Oil Pressure Switch:

2007 MDX and early-production 2008 MDX -
P/N 37240-RDM-A01

Later-production 2008 MDX -
P/N 37240-R72-A01

O-ring (10.2 x 1.9) (for R72 switch only):
P/N 91319-R70-A01

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Operation Number: 723120

Flat Rate Time: 0.3 hour

Failed Part: P/N 37240-RDM-A01

Defect Code: 03214

Symptom Code: 03205

Skill Level: Repair Technician

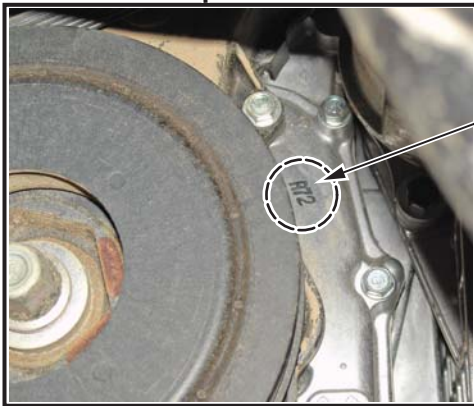
Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Parts and Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

REPAIR PROCEDURE

1. Start the engine, turn the steering wheel fully to the right, then shut off the engine.
2. Raise the vehicle on a lift, and make sure it's securely supported.

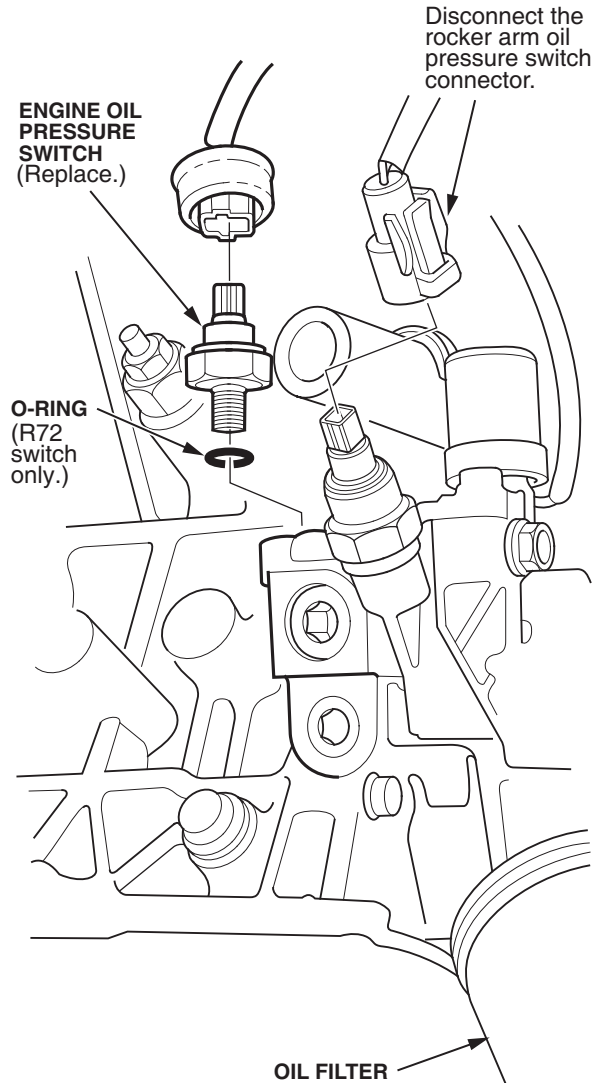
3. Detach the front clip from the right front inner fender. Pull back the edge of the inner fender, and look for an "R72" mark on the right side of the oil pump:
 - If the oil pump has the "R72" mark, use P/N 37240-R72-A01 for the new engine oil pressure switch.
 - If the oil pump does not have the "R72" mark, use P/N 37240-RDM-A01 for the new engine oil pressure switch.

Look for an "R72" mark on the right side of the oil pump.



4. Reattach the front clip to the right front inner fender.

5. For easier removal of the engine oil pressure switch, disconnect the rocker arm oil pressure switch connector.



6. Disconnect the engine oil pressure switch connector, then remove the switch.
7. Remove any liquid gasket from in or around the switch hole.
8. Apply a very thin layer of liquid gasket to the threads of the new switch. *R72 switch only: Install an O-ring.* Install the switch, and torque it to **18 N·m (13 lb-ft)**.
9. Reconnect the engine oil pressure switch connector and the rocker arm oil pressure switch connector.