

# **HONDA** Service Bulletin

13-031

April 17, 2013 See VEHICLES AFFECTED

# MIL Comes On With DTC P3400 and/or P3497

#### **SYMPTOM**

The MIL comes on with one of these DTCs:

- P3400 (VPS Stuck Off Bank 1)
- P3497 (VPS Stuck Off Bank 2)

NOTE: The symptom may be intermittent, and you may not be able to duplicate it after clearing the DTC.

#### **POSSIBLE CAUSE**

The front and/or rear rocker arm oil pressure switch may fail intermittently.

### VEHICLES AFFECTED

2008-11 Accord 2-door V6 A/T - ALL 2008-11 Accord 4-door V6 A/T - ALL 2012 Accord 2-door V6 A/T

> From VIN 1HGCS2...CA000001 thru 1HGCS2...CA011938

#### 2012 Accord 4-door V6 A/T

From VIN 1HGCP3F...CA000001 thru 1HGCP3F...CA042083

2010-11 Crosstour 2WD V6 - ALL 2012 Crosstour 2WD V6

From VIN 5J6TF1...CL000001 thru 5J6TF1...CL007070

2010-11 Crosstour 4WD V6 - ALL

2012 Crosstour 4WD V6:

From VIN 5J6TF2...CL000001 thru 5J6TF2...CL011966

2008-11 Odyssey EX-L and Touring - ALL 2012 Odyssey

From VIN 5FNRL5...CB000001 thru 5FNLR5...CB138229

2009-11 Pilot 2WD - ALL

2012 Pilot 2WD

From VIN 5FNYF3...CB000001 thru 5FNYF3...CB040412

2009-11 Pilot 4WD - ALL

2012 Pilot 4WD

From VIN 5FNYF4...CB000001 thru 5FNYF4...CB001029

# **CORRECTIVE ACTION**

Replace the affected rocker arm oil pressure switch(es).

## PARTS INFORMATION

## NOTE:

- · To help clarify where new parts are used in the REPAIR PROCEDURE, the new part is listed in the applicable step with a ">" symbol.
- The same rocker arm oil pressure switch is used for front or rear applications. The vehicle may need one or two switches replaced depending if one or both of the DTCs is/are stored.

Rocker Arm Oil Pressure Switch:

P/N 37240-R70-A04

O-ring (13 mm X 1.5 mm):

P/N 91319-PAA-A01

## **WARRANTY CLAIM INFORMATION**

The normal warranty applies.

OP#	Description	FRT
7231A9	Replace one rocker arm oil pressure switch and O-ring.	0.2
7231B0	Replace both rocker arm oil pressure switches and O-rings.	0.3

Failed Part: P/N 37240-R70-A04

Defect Code: 03214 Symptom Code: 03205

Skill Level: Repair Technician

## **DIAGNOSIS**

Check the engine oil level on the dipstick.

• If the engine oil level is below the end of the dipstick (there is no oil on the dipstick), this service bulletin does not apply. The low engine oil level is likely the cause of the DTCs; continue with normal troubleshooting.

NOTE: Also refer to Service Bulletin 11-033, Engine Oil Consumption; MIL May Be On With DTC P3400 and/or P3497. Make sure you check the VEHICLES AFFECTED section because S/B 11-033 does not apply to all the vehicles listed in this bulletin.

• If the engine oil level is on the dipstick (it may be low, but there is oil on the dipstick), go to the REPAIR PROCEDURE.

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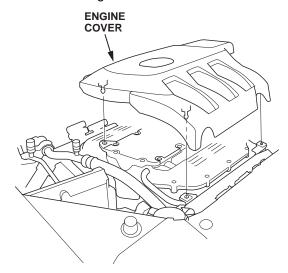
ATB 49298 (1304)

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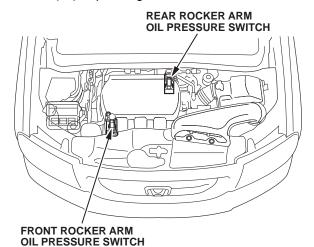


# **REPAIR PROCEDURE**

1. Remove the engine cover.

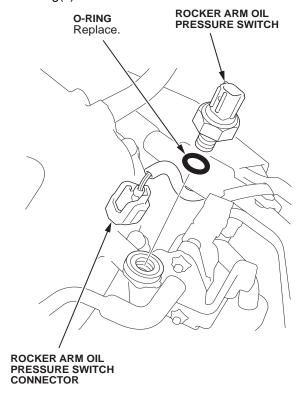


2. Remove the appropriate rocker arm oil pressure switch(es) depending on the DTCs stored.



- P3400 Replace the Bank 1, rear rocker arm oil pressure switch.
- P3497 Replace the Bank 2, front rocker arm oil pressure switch.

- 3. Install the new rocker arm oil pressure switch(es) and new O-ring(s). Torque the oil pressure switch to 22 N•m (16 lb-ft).
  - > Rocker arm oil pressure switch(es)
  - > O-ring(s)



- 4. Reinstall the engine cover.
- Clear the code(s) with the HDS.
  NOTE: If the DTC returns, refer to the troubleshooting procedure for the DTC that is set.

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