Engine Oil Consumption; MIL May Be On With DTC P3400 and/or P3497
(Supersedes 11-033, dated June 11, 2011, to revise the information marked by the black bars)

REVISION SUMMARY
- The PROBABLE CAUSE was changed.
- A note to the Service Advisor was added.
- Under WARRANTY CLAIM INFORMATION, the flat rate time was changed because the MVCI updates control modules more efficiently.

SYMPTOM
The engine oil level is low on the dipstick, and the MIL may be on with DTC P3400 and/or P3497 (VPS Stuck Off Bank 1/Bank 2).

PROBABLE CAUSE
The VCM (variable cylinder management) function may repeatedly switch on and off during certain light throttle operation, at cruising speeds, on flat roads. This frequent switching can contribute to increased oil consumption. The updated PCM software improves VCM timing during very light throttle operation which may reduce oil consumption.

DTCs P3400 and P3497 occur when the oil level drops to a point where line pressure can no longer support continued VCM operation.

VEHICLES AFFECTED
2008–10 Accord V6 A/T – ALL
2011 Accord V6 A/T –
   From VIN 1HGC.....BA000001 thru 1HGC.....BA05824
2010 Accord Crosstour – ALL
2011 Accord Crosstour 2WD –
   From VIN 5J6TF1H5.BL000001 thru 5J6TF1H5.BL001719
2011 Accord Crosstour 4WD –
   From VIN 5J6TF2H5.BL000001 thru 5J6TF2H5.BL003438
2008–10 Odyssey EX-L, Touring – ALL
2011 Odyssey –
   From VIN 5FNRL5H..BB000001 thru 5FNRL5H..BB062427
2009–10 Pilot – ALL
2011 Pilot 2WD –
   From VIN 5FNYF3H..BB000001 thru 5FNYF3H..BB045976
2011 Pilot 4WD –
   From VIN 5FNYF4H..BB000001 thru 5FNYF4H..BB080760

CORRECTIVE ACTION
Update the PGM-FI software.

Service Advisor:
Talk to the customer about the many factors contributing to oil consumption. This software update should have a positive impact where the customer drives frequently at small throttle openings, at cruising speeds, on flat roads. However, this is just one of many factors contributing to overall oil consumption, including engine braking, frequency of use, trailer towing, etc.

Remind customers that with less frequent service intervals for modern engines, it’s not uncommon for a customer to add oil between services. Therefore, it’s a good idea for customers to check their engine oil regularly (as recommended in the Owner’s Manual) and add oil as necessary.

SOFTWARE INFORMATION
Accord, Accord Crosstour, 2008–10 Odyssey
HDS Software Version:
2.024.009 or later
HDS Control Module (CM) Update:
Database Update 29-NOV-2010 or later

Pilot, 2011 Odyssey
HDS Software Version:
2.024.011 or later
HDS Control Module (CM) Update:
Database Update 28-DEC-2010 or later

NOTE: To avoid an incorrect repair that would not be covered under warranty, use the software version listed above or a later version.
The updated PGM-FI software program IDs and P/Ns are listed below. If the HDS or MVCI is loaded with the latest software, and it displays **No Update Needed** during the update, the software for this service bulletin is already installed.

### Warranty Claim Information
The normal warranty applies.

**Operation Number:** 125517  
**Flat Rate Time:** 0.2 hour  
**Failed Part:** P/N 37820-R70-A74  
**Defect Code:** 03214  
**Symptom Code:** 03203  
**Skill Level:** Repair Technician

### Repair Procedure
Update the PGM-FI software. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

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