



Applies To: **2011 Odyssey Touring and Touring Elite – ALL**
2012 Odyssey Touring and Touring Elite

September 27, 2012

– From VIN 5FNRL5...CB000001 thru 5FNRL5...CB056992

Surge, Hesitation, or Judder on Upshifts

BACKGROUND

A surge, hesitation, or judder may be felt after the transmission shifts into 2nd, 3rd, or 4th gear.

CORRECTIVE ACTION

Update the A/T software or the PGM-FI software, then if the vehicle is customer owned or previously owned, replace the ATF.

PARTS INFORMATION

Sealing Washer: P/N 90441-PK4-000

Drain Sealing Washer: P/N 90471-PX4-000

REQUIRED MATERIALS

Honda Genuine ATF DW-1: P/N 08200-9008

(Each vehicle that needs the ATF replaced will need 4 bottles).

WARRANTY CLAIM INFORMATION

The normal warranty applies.

OP#	Description	FRT
1255C1	Update the A/T or PGM-FI software.	0.2
A	Replace the ATF.	0.3

Failed Part: P/N 37820-RV0-A76

Defect Code: 03214

Symptom Code: 03217

Skill Level: Repair Technician

SOFTWARE INFORMATION

NOTE: Unnecessary or incorrect repairs resulting from a failure to update the HDS or MVCI are not covered under warranty.

MVCI Control Module (CM) Update:

Application Version 2.18.04 **or later**

Database update 4-JUL-2012 **or later**

HDS Software Version:

3.005.007 **or later**

Before beginning the repair, make sure that both the HDS and MVCI are updated as listed above.

Do only the update listed in this service bulletin.

Check that the MVCI indicates the applicable program ID listed below (or a later program ID) as the **Recommended Update** when the update begins.

If the MVCI displays **This vehicle does not need an update at this time** during the update, the software for this service bulletin is already installed.

For more information about updating the HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2011–12 Odyssey (6 A/T)*	A/T	V03050	37806-RV0-305
2011–12 Odyssey (6 A/T)**	PGM-FI	V04050	37805-RV0-405

*Keihin PCMs contain separate software programs for the PGM-FI and A/T systems. Update only the A/T system on these vehicles.

**Continental PCMs contain only one software program that contains the software for both the PGM-FI and A/T systems. Update the PGM-FI system on these vehicles. For more information about these PCMs and how they're different from PCMs by Keihin, refer to the *ServiceNews* article "New PCM Supplier for Odysseys and Pilots."



CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

REPAIR PROCEDURE

1. Update the PGM-FI or the A/T software. Refer to Service Bulletin 01-023, *Updating Control Units/ Modules*.
 - If this is a customer owned or previously owned vehicle, go to step 2.
 - If the vehicle is new and/or unsold, do not change the ATF.
2. Start the engine, and let it warm up to operating temperature (the radiator fan comes on), position the vehicle on a lift, and turn the engine off.
3. Remove the ATF filler bolt and the sealing washer.
4. Raise the vehicle and make sure it is securely supported.
5. Remove the drain plug and drain the ATF.
6. Reinstall the drain plug using a new drain sealing washer, and torque it to **49 N·m (36 lb-ft)**.
7. Lower the vehicle, then refill the transmission with **3.6 quarts** of ATF DW-1 through the filler hole.
8. Install the ATF filler bolt using a new sealing washer, and torque it to **44 N·m (32 lb-ft)**.
9. Check that the fluid is filled to the proper level.