

July 7, 2016

04390 Version 1

## Product Update: 2012 TL Software Update for Lock-up Clutch Function

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2012	TL	ALL	Check the iN VIN status for eligibility

### BACKGROUND

There is a judder from the torque converter lock-up clutch felt while driving between 20–45 mph. To minimize the possibility for the judder to occur, a software update for the transmission is available. Additionally, the transmission fluid will be replaced.

The software update does not have any warranty time or mileage limitations. Additionally, the warranty on the torque converter in affected vehicles is being extended to 8 years from the original date of purchase or 105,000 miles, whichever comes first. Refer to 16-040, *Warranty Extension: 2012 TL Torque Converter* for more information about the warranty extension.

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There are two service bulletins applicable to this issue:

- 16-030, *Warranty Extension: 2012 TL Software Update for Lock-up Clutch Function* – Update the software in the vehicle.
- 16-040, *Warranty Extension: 2012 TL Torque Converter* - Replace the torque converter.

Do 16-030 first to update the vehicle. If the judder returns after updating the vehicle, the torque converter may need to be replaced; refer to 16-040 for diagnostic and repair information.

### CLIENT NOTIFICATION

Owners of affected vehicles will be sent a notification of this campaign.

Do an iN VIN status inquiry to make sure the vehicle is shown as eligible.

### CORRECTIVE ACTION

Update the PGM-FI software, then replace the ATF.

If the judder returns after the software update, refer to service bulletin 16-040, *Warranty Extension: 2012 TL Torque Converter* to replace the torque converter.

### PARTS INFORMATION

Part Name	Part Number	Quantity
Drain Plug Washer (18 mm)	90471-PX4-000	1
ATF Fill Sealing Washer (24 mm)	90441-PK4-000	1

**CLIENT 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 Acura automobile dealer.

## REQUIRED MATERIALS

Part Name	Part Number	Quantity
Acura ATF DW-1	08200-9008A	4

## WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255E0	Update the PGM-FI software, then replace the ATF.	0.5 hr	6VA00	KB200	16-030N	37805-RK1-3050

## SOFTWARE INFORMATION

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

i-HDS Software Version: **1.001.004 or later**

J2534 Software Information:

PC Application Version **1.0.0.3 or later**

Database update **15-APR-2016 or later**

**Before beginning the repair, make sure that both the i-HDS and J2534 software are updated as listed above.**

**Do only the update listed in this service bulletin.**

**You cannot apply the updates with the MVCI as a standalone tool.** To update the vehicle you must use the MVCI or the DST-i interface in conjunction with the J2534 Rewrite Special PC application on the i-HDS.

For more information about updating the i-HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2012 TL 2WD	PGM-FI	K13050	37805-RK1-3050
2012 TL AWD	PGM-FI	K23050	37805-RK2-3050

## REPAIR PROCEDURE

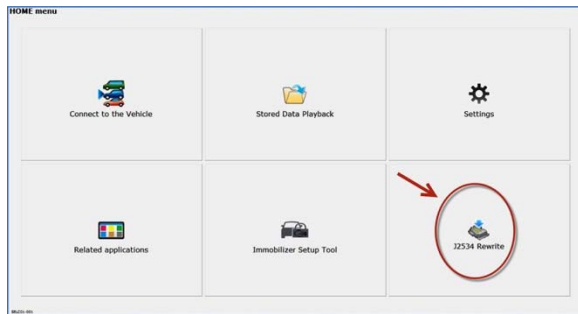
NOTE:

- You can't update the vehicle using the MVCI as a standalone tool.
  - Connect a fully charged jumper battery to the vehicle and leave it connected during the entire procedure to maintain steady voltage.
  - Never turn the ignition to OFF or ACCESSORY during the update. If there is a problem with the update, leave the ignition turned to ON.
  - To prevent PCM control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.
1. Make sure the correct odometer reading is recorded on the RO.

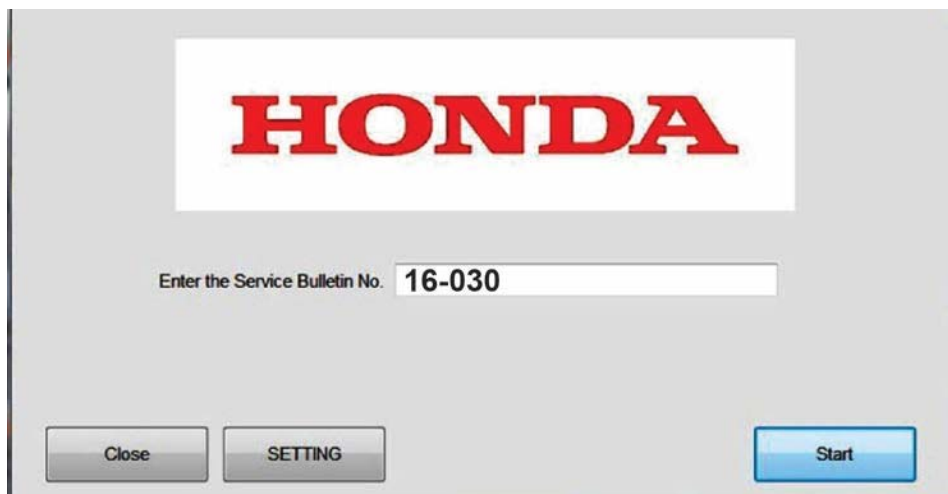
1. Update the PGM-FI software by selecting the i-HDS Diagnostic System icon. Refer to Service Bulletin 01-026, *Updating Control Units/ Modules*.



2. Select J2534 Rewrite.



3. Enter the service bulletin number 16-030, select Start, then follow the on-screen prompts.



4. 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.
5. Remove the ATF filler bolt and the sealing washer.
6. Raise the vehicle and make sure it is securely supported.
7. Remove the drain plug and drain the ATF.
8. Install the drain plug using a new drain sealing washer, and torque it to **49 N·m (36 lb-ft)**.
9. Lower the vehicle, then refill the transmission with **3.6 quarts** of ATF DW-1 through the filler hole.
10. Install the ATF filler bolt using a new sealing washer and torque it to **44 N·m (32 lb-ft)**.
11. Check that the fluid is filled to the proper level.
12. Return the vehicle to the client. If the vehicle comes back with the client indicating there is a judder, go to service bulletin 16-040, *Warranty Extension: 2012 TL Torque Converter*.

END