

**May 20, 2017**

06438 Version 4

## Vibration While Driving Under Light Acceleration

Supersedes 15-086, dated August 18, 2016, to revise the information highlighted in **yellow**.

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2012-14	CR-V	ALL	ALL

### REVISION SUMMARY

Under **BACKGROUND** and **CORRECTIVE ACTION**, the information has changed. Under **WARRANTY CLAIM INFORMATION**, the information was updated.

### BACKGROUND

A surge, vibration, or judder may be felt while driving under light acceleration. To minimize the possibility for the judder to occur, a software update for the transmission is available at the customer's request. Additionally, the transmission fluid will be replaced.

If the judder returns after the software update, refer to Service Bulletin 17-040, Vibration While Driving Under Light Acceleration After Software Update.

### CORRECTIVE ACTION

Update the A/T software, and replace the ATF.

### PARTS INFORMATION

Part Name	Part Number	Quantity
Drain Sealing Washer	90471-PX4-000	1

### REQUIRED MATERIALS

Part Name	Part Number	Quantity
Genuine Honda ATF DW-1	08200-9008	3 quarts

**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.

## WARRANTY CLAIM INFORMATION

The warranty is 8 years or 80,000 miles, whichever comes first.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
2235A5	Update the A/T software. Replace the A/T fluid.	0.5 hr	03214	03217	15-086A	37805-R5A-316

Skill Level: Repair Technician

## SOFTWARE INFORMATION

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

i-HDS Software Version: **1.002.023 or later**

J2534 Software Information:

PC Application Version **1.1.0.1 or later**

Database update 21-Mar-2017 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 PC application on the i-HDS.

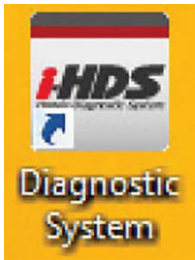
For more information about updating the HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

Year	Trim	Program ID (or later)	Program P/N (or later)
2012	EX-L 2WD	5A3150	37805-R5A-3150
2012	EX-L AWD	5A3160	37805-R5A-3160
2012	LX 2WD	5A3170	37805-R5A-3170
2012	LX AWD	5A3180	37805-R5A-3180
2013-14	EX, EX-L 2WD	R5A050	37805-R5A-A050
2013-14	EX, EX-L AWD	R5A150	37805-R5A-A150
2013-14	LX 2WD	R5A250	37805-R5A-A250
2013-14	LX AWD	R5A350	37805-R5A-A350

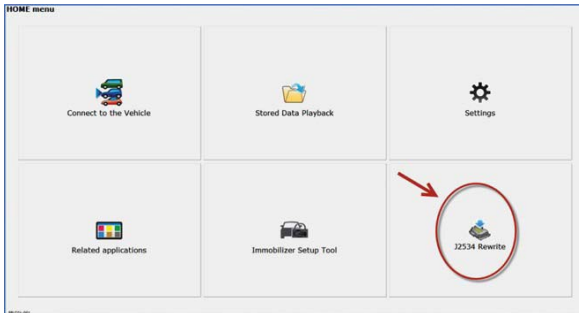
## REPAIR PROCEDURE

NOTE:

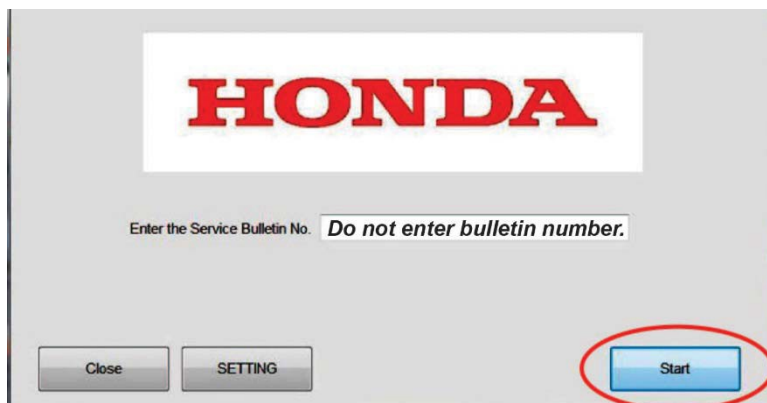
- Only update the vehicle if the customer indicates there is a judder.
  - You cannot update the vehicle using the MVCI as a standalone tool.
  - Connect a fully charged jumper battery to the vehicle and leave it connected during the entire procedure to maintain steady voltage.
  - Never turn the ignition 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.
  2. Update the PGM-FI software by selecting the **i-HDS Diagnostic System** icon. Refer to Service Bulletin 01-023, *Updating Control Units/ Modules*.



3. Select **J2534 Rewrite**.



4. Select **Start**, then follow the screen prompts. NOTE: **Do not enter a bulletin number.**



5. After the update is done, start the engine, and let it warm up to operating temperature (the radiator fan comes on). Then, position the vehicle on a lift, and turn off the engine.
6. Remove the ATF filler bolt and the sealing washer.
7. Raise the vehicle, and make sure it is securely supported.
8. Remove the ATF drain, cover.
9. Remove the drain plug, and drain the ATF.
10. Reinstall the drain plug using a new drain sealing washer, and torque it to **49 N·m (36 lb-ft)**.
11. Install the ATF drain cover.
12. Lower the vehicle, and remove the ATF dipstick (yellow loop).

13. Refill the transmission with ATF DW-1 through the dipstick guide opening; bring the fluid level between the upper and the lower mark on the dipstick.

NOTE: Always use ATF DW-1 (Genuine Honda automatic transmission fluid). Using a non-Honda ATF can affect shift quality.

#### Automatic Transmission Fluid Capacity

2WD	2.3 qt (2.2 L) at change
AWD	2.7 qt (2.6 L) at change

14. Insert the dipstick into the guide tube aligning the notch.
15. Start the engine. Hold at 3,000 rpm without load in Park or Neutral until the radiator fan comes on.
16. Turn the ignition to OFF.
17. Remove the dipstick, and check that the fluid level is between the upper and lower mark on the dipstick.
18. Insert the dipstick into the guide tube aligning the notch with the guide tab.
19. Return the vehicle to the customer. If the vehicle comes back with the customer indicating there is a judder, go to service bulletin 17-040.

END