

November 11, 2016

05269 Version 2

Emissions Recall: 2017 HR-V PCM Incorrectly Adjusts Air to Fuel Ratio

Supersedes 16-103, titled *Emissions Recall: 2017 HR-V Primary Converter and AF Sensor Deterioration*, dated November 10, 2016 to include SOFTWARE INFORMATION, WARRANTY CLAIM INFORMATION, and REPAIR PROCEDURE.

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017	HR-V	ALL	Check the iN VIN status for eligibility

BACKGROUND

There is an internal programming issue with the PCM. Under certain hot restarting and driving conditions, the air to fuel ratio control may not compensate properly.

CUSTOMER 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.

Some vehicles affected by this campaign may be in your new or used vehicle inventory. Repair these vehicles before they are sold.

CORRECTIVE ACTION

Update the PGM-FI software.

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
3115A0	Update the PGM-FI software.	0.2 hr	6EM00	KD100	16-103A	37805-51M-C02
A	Do the idle-learn procedure.	0.1 hr				
B	Do the CKP procedure.	0.1 hr				

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.

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: **1.001.011 or later**

J2534 Software Information:

PC Application Version **1.0.1.15 or later**

Database update **09-NOV-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 PC application on the i-HDS.

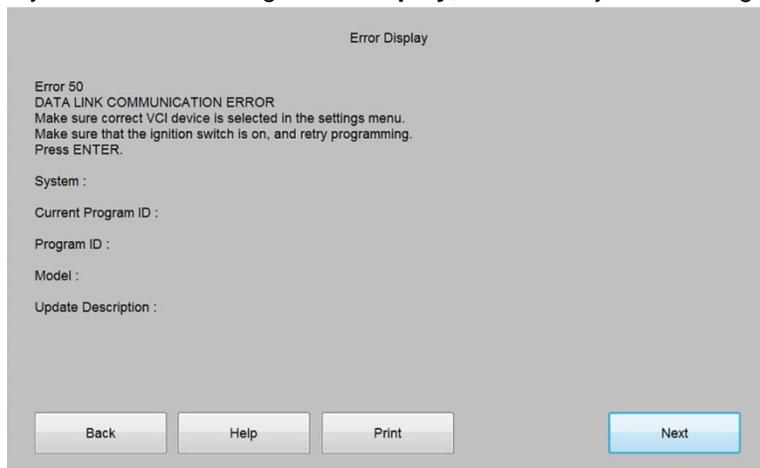
For more information about updating the i-HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

Trim	Software System	Program ID (or later)	Program P/N (or later)
2017 HR-V LX (2WD) (M/T)	PGM-FI	1MC020	37805-51M-C02
2017 HR-V EX (2WD) (M/T)	PGM-FI	1MC120	37805-51M-C12
2017 HR-V LX (2WD) (CVT)	PGM-FI	1MC520	37805-51M-C52
2017 HR-V EX, EX-L (2WD) (CVT)	PGM-FI	1MC620	37805-51M-C62
2017 HR-V LX (AWD) (CVT)	PGM-FI	1MC720	37805-51M-C72
2017 HR-V EX, EX-L (AWD) (CVT)	PGM-FI	1MC820	37805-51M-C82

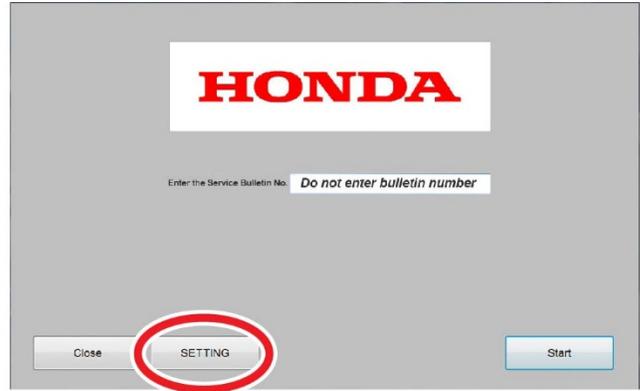
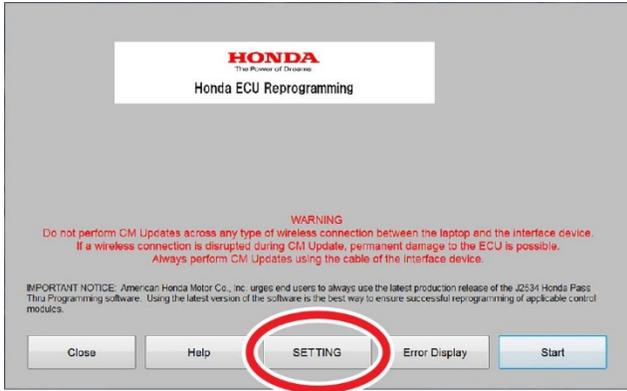
REPAIR PROCEDURE

NOTE:

- You can't update the vehicle using the MVCI as a standalone tool.
- **Do not** use the MongoosePro VCI tool.
- Make sure the 12-volt battery is fully charged before starting an update.
- 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 damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.
- If you see the following **Error Display**, check that you are using the correct tool (MVCI or DST-i) with the i-HDS.



To change this, click on either of the **SETTING** selection buttons at the bottom of the J2534 initial screens as shown.

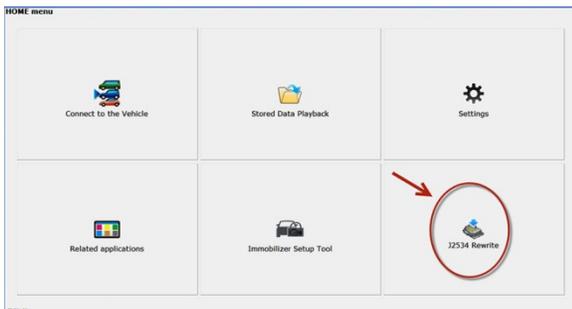


1. Update the PGM-FI software by selecting the **i-HDS Diagnostic System** icon. Refer to Service Bulletin 01-026, *Updating Control Units/ Modules*.

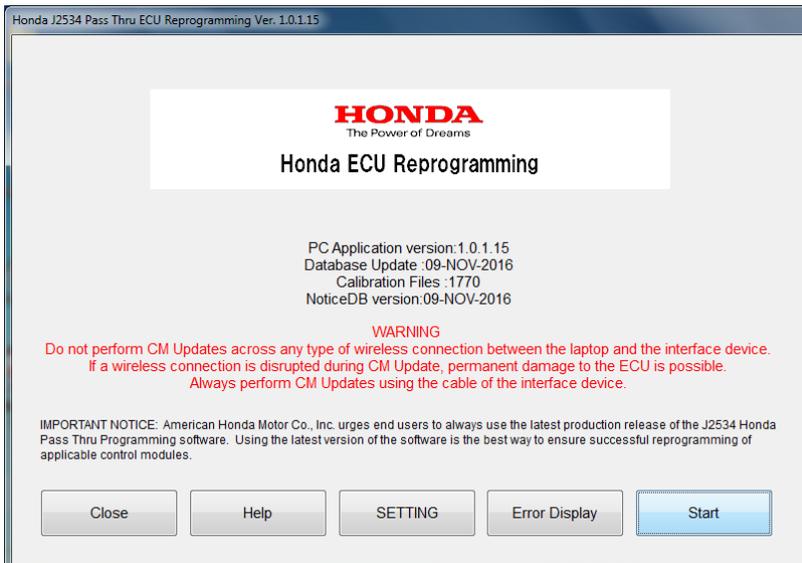
NOTE: Do not use the **Rewrite** icon on your desktop.



2. Select **J2534 Rewrite**.



3. Confirm the software is the same **or later** as listed in SOFTWARE INFORMATION.



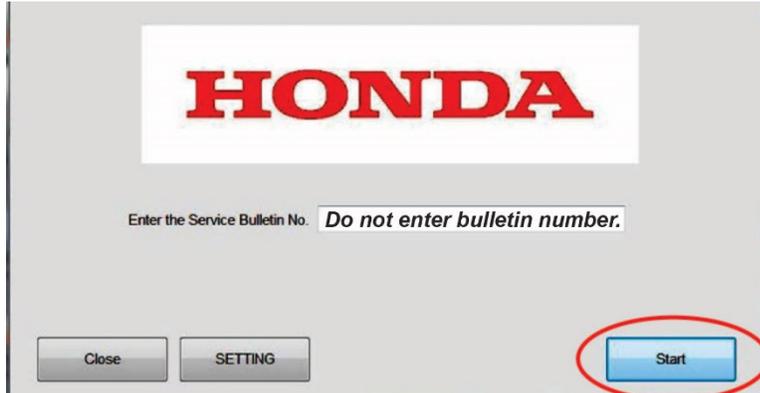
- Select **Start**, then follow the screen prompts.

NOTE:

- Don't enter a bulletin number.**
- If you receive a message that the vehicle has been already updated or that no update is available, check the PGM-FI data list. The header should indicate one of the following numbers (or later).

37805-51M-C02	37805-51M-C12	37805-51M-C52	37805-51M-C62
37805-51M-C72	37805-51M-C82		

- If the program part numbers do not match those listed above, the i-HDS software needs to be reinstalled. Contact the Special Tools Hotline at **800-346-6327** for assistance.



- Do the idle-learn procedure. Refer to the service information.
- Do the CKP pattern learn procedure. Refer to the service information.
- For California residents only:** Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use KD1 as the recall number. Give the certificate to your customer, and advise him or her to keep it as proof that the product update was completed. Your customer will need to submit this certificate to the DMV only if the DMV requests it. If you need more certificates, use reorder number Y0657.

END