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				
В	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 Svstem	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.

		Error Display	
Error 50 DATA LINK COMMUNICAT Make sure correct VCI devi Make sure that the ignition Press ENTER.	FION ERROR ice is selected in th switch is on, and re	e settings menu. etry programming.	
System :			
Current Program ID :			
Program ID :			
Model :			
Update Description :			
Death	Liele	Brint	Next

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 Disagnostic 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.

Honda J2534 Pass Thru E0	CU Reprogramming Ver. 1.0.1.15	
	HONDA The Power of Dreams	
	Honda ECU Reprogramming	
	PC Application version:1.0.1.15 Database Update :09-NOV-2016 Calibration Files :1770 NoticeDB version:09-NOV-2016	
Do not perform If a wirele	WARNING CM Updates across any type of wireless connection between the laptop and the in ss connection is disrupted during CM Update, permanent damage to the ECU is p Always perform CM Updates using the cable of the interface device.	terface device. lossible.
IMPORTANT NOTIC Pass Thru Program applicable control m	E: American Honda Motor Co., Inc. urges end users to always use the latest production release o ming software. Using the latest version of the software is the best way to ensure successful repr lodules.	f the J2534 Honda ogramming of
Close	Help SETTING Error Display	Start

4. 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.



- 5. Do the idle-learn procedure. Refer to the service information.
- 6. Do the CKP pattern learn procedure. Refer to the service information.
- 7. 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.

License Number	Make	Year Model	Body Type	Vehicle Identification Number
	Manufactu	irer		Recall Number KD1
device	es to mee	applicable C	alifornia Emis	sion Control Laws. Address, City, State and Zip
Dale		Deal	ership's Autho	prized Signature
Date		Deal X	ership's Autho	prized Signature

END