

March 29, 2019

Version 1

Product Update: 2019 CR-V PGM-FI Evaporative Emission System Software

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2019	CR-V	EX, EX-L, and Touring	ALL

SYMPTOM

The vehicle fails to start after being parked for an extended period.

BACKGROUND

After the vehicle is parked for an extended period, the PCM begins an evaporative system leak check after meeting certain criteria. Under certain conditions, it may not return to sleep mode, causing the battery to discharge.

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 PCM with the latest PGM-FI software. If the customer indicates the vehicle failed to start, clear DTCs and do the VSA sensor neutral position memorization. If the vehicle does not start, check the battery using the GR8 diagnostic station, clear DTCs, and do the VSA sensor neutral position memorization. Based on the GR8 test result, charge or replace the battery.

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

REPAIR PROCEDURE C

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255F3	Update the PGM-FI software.	0.2 hr	6LT00	O4G00	A19039A	37805-5PA-653

REPAIR PROCEDURES B AND C

Without GR8 diagnosis and battery recharge

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255F6	<ul style="list-style-type: none">• Clear the DTCs.• Do the VSA sensor neutral position memorization.• Update the PGM-FI software.	0.5 hr	6LT00	O4G00	A19039B	37805-5PA-653

With GR8 diagnosis and battery recharge

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255F4	<ul style="list-style-type: none">• Clear the DTCs.• Do the VSA sensor neutral position memorization.• Update the PGM-FI software.• Includes GR8 diagnosis and battery recharge.	0.6 hr	6LT00	O4G00	A19039C	37805-5PA-653

REPAIR PROCEDURES A, B, AND C

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255F5	<ul style="list-style-type: none">• Replace the battery.• Clear the DTCs.• Do the VSA sensor neutral position memorization.• Update the PGM-FI software• Includes GR8 diagnosis.	0.7 hr	6LT00	O4G00	A19039D	37805-5PA-653

Skill Level: Repair Technician

SOFTWARE INFORMATION

NOTE

i-HDS Software Version: **1.004.064 or later**

J2534 Software Information:

- PC Application Version **1.1.0.6. or later**
- Database update **12-MAR-2019 or later**

NOTES

- **Unnecessary or incorrect repairs resulting from a failure to update the i-HDS are not covered under warranty.**
- **Before beginning the repair, make sure both the i-HDS and J2534 software are updated as listed above.**
- **Do only the update listed in this service bulletin.**

For more information about updating the i-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)
2019 CR-V 2WD	PGM-FI	PA6630	37805-5PA-663
2019 CR-V AWD	PGM-FI	PA6530	37805-5PA-653

PARTS INFORMATION

Part Name	Order Part Number	Quantity
Battery	31500-SR1-100M	1

TOOL INFORMATION

Tool Name	Part Number	Quantity
GR8 Battery Diagnostic Station	MTRGR811ASTH	1

INSPECTION

For affected vehicles in your new vehicle inventory, and for any customer vehicle that starts normally, do **REPAIR PROCEDURE C**.

If the customer vehicle needed a jump start prior to arriving at the dealer, do **REPAIR PROCEDURES B and C**.

If a customer vehicle will currently not start, test the battery using the GR8 battery diagnostic station. Refer to service bulletin 88-023, *Battery Testing and Replacement*.

NOTE

When selecting the vehicle status, use **Customer Owned** to reach the target state of charge of 60%. The optional top-off mode is not required for this bulletin.

- If the GR8 test results show **Good Battery**, the vehicle no-start condition is **not** related to this update. Do **REPAIR PROCEDURE C**. Further troubleshooting time cannot be claimed under this bulletin.
- If the GR8 test results show **Good Battery - Recharge**, after the GR8 is finished charging the battery, do **REPAIR PROCEDURES B and C**.
- If the GR8 test results show **Replace Battery**, do **REPAIR PROCEDURES A, B and C**.

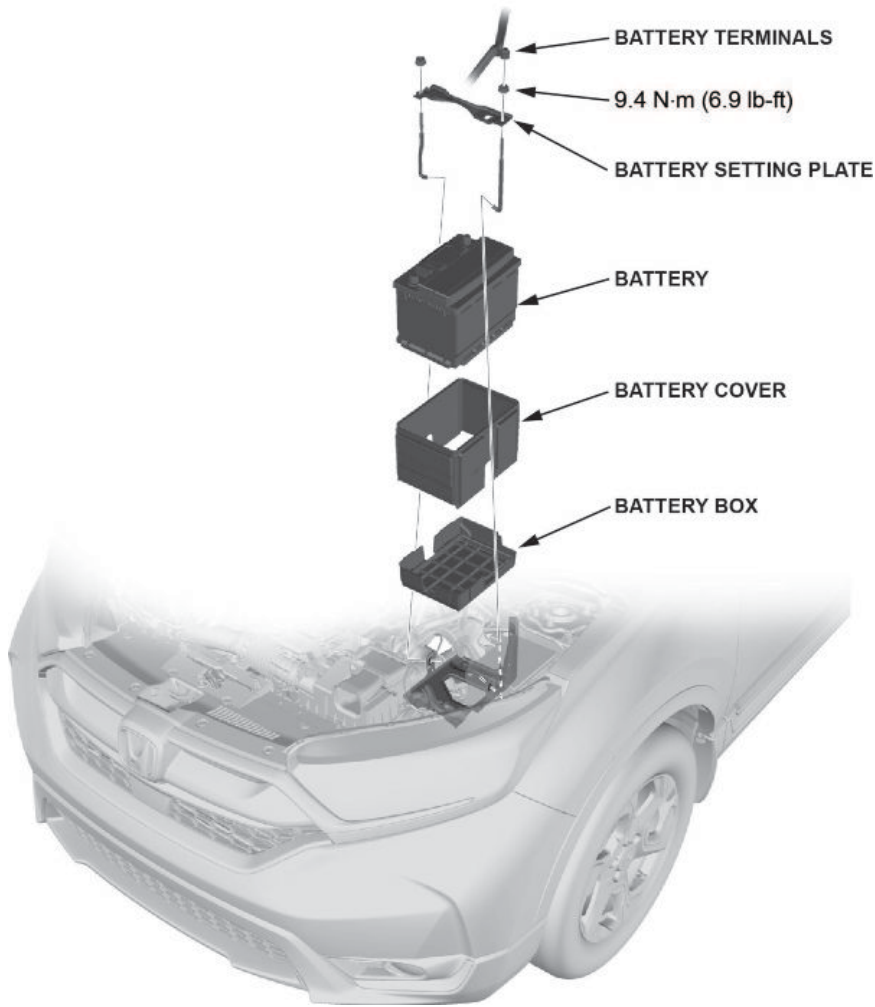
REPAIR PROCEDURE A - REPLACE THE BATTERY

1. Make sure the ignition is turned to OFF.
2. Disconnect and isolate the negative cable with the battery sensor from the battery.

NOTES

- Always disconnect the negative side first.
 - To protect the battery sensor connector from damage, do not hold it when removing the negative terminal.
 - Do not disconnect the battery sensor from the negative terminal.
3. Disconnect the positive cable and battery terminal from the battery.
 4. Remove the battery setting plate.
 5. Remove the battery cover.

6. Remove and replace the battery.



7. Install the parts in the reverse order of removal.

NOTES

- Always connect the positive cable and battery terminal first.
 - To protect the battery sensor connector from damage, do not hold it when installing the negative terminal.
8. Apply multipurpose grease to the terminals to prevent corrosion.

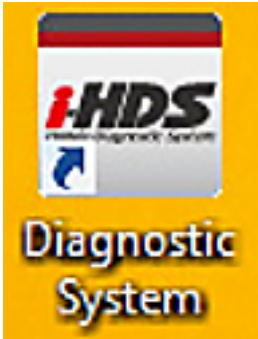
REPAIR PROCEDURE B - CLEAR DTCS, AND DO THE VSA SENSOR NEUTRAL POSITION MEMORIZATION

1. Turn the ignition to ON.
2. Connect the i-HDS to the vehicle.
3. Check for pending or confirmed DTCs.
4. Clear all DTCs.
5. Set the steering wheel in the straight ahead position.
6. From the **ABS/TCS/VSA** menu, select **ADJUSTMENT**, then select **ALL SENSOR**, and follow the screen prompts.

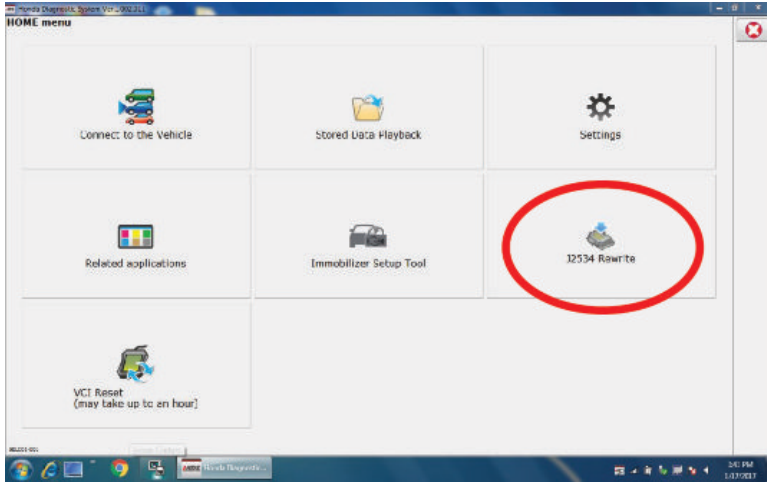
REPAIR PROCEDURE C - UPDATE THE PGM-FI SOFTWARE

NOTE

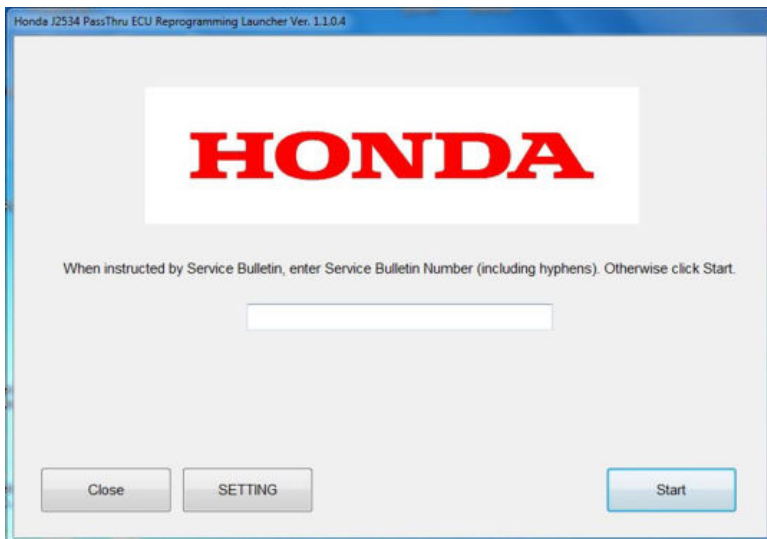
- **Connect a fully charged jumper battery to the vehicle**, and leave it connected during the entire procedure to maintain steady voltage.
 - Never turn the ignition to OFF or ACCESSORY during the update. If there is a problem with the update, leave the ignition turned to ON.
 - To prevent control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.
 - Do not use the MongoosePro VCI tool.
1. From the desktop, select **i-HDS**.



2. From the **HOME** menu, select the **J2534 Rewrite**.



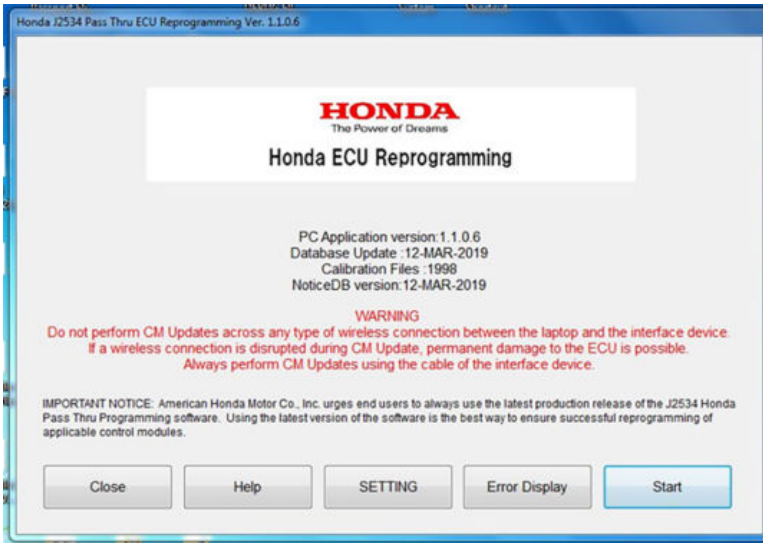
3. Select **Start**. Do not enter a service bulletin number.



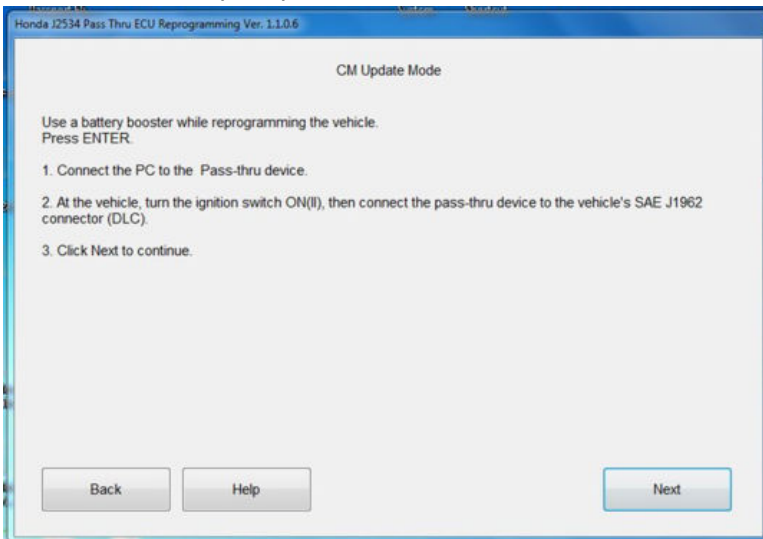
NOTE

Under certain conditions the **HOME** menu screen may come up. If it does, just minimize it to show the screen under it.

4. Connect the i-HDS to a vehicle and select **Start** to begin reprogramming.



5. Follow the screen prompts, then select **Next**.



6. Enter the VIN and Repair Order. Then, select **Next**.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.6

VIN & Repair Order

VIN: 2HGFC2F88KH525333

Repair Order#:

Odometer(mile): 3

Back Next

7. Select the system you want to update and select **Select**.

NOTE

Wait until vehicle communication has completed.

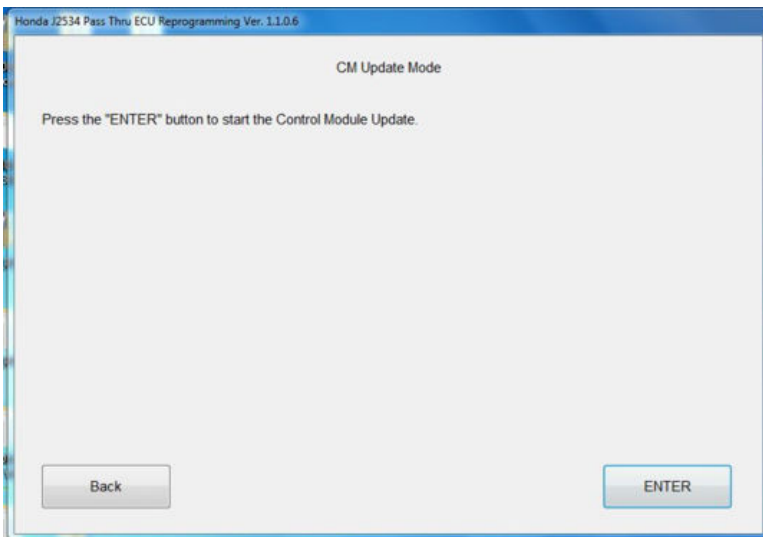
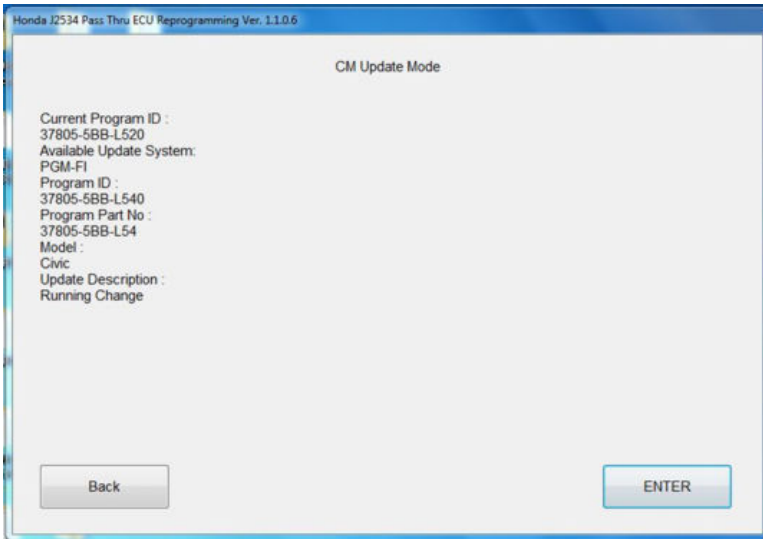
Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.6

System Selection

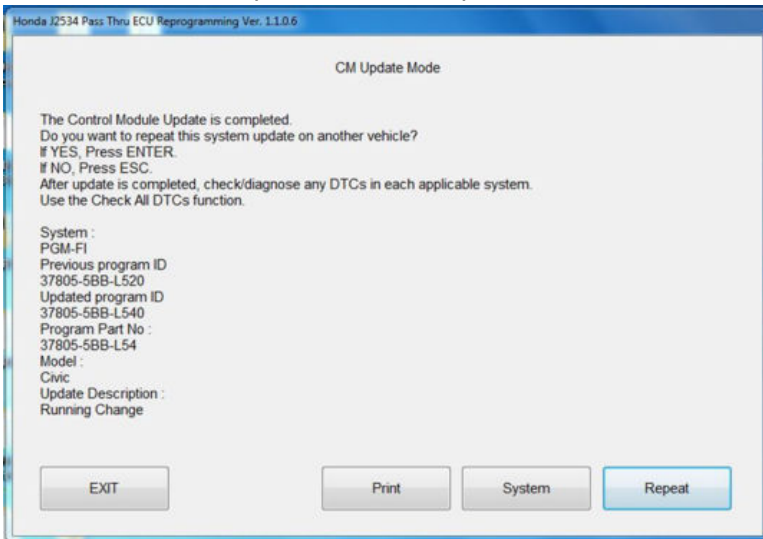
PGM-FI

Back Select

8. Confirm the update information, then select **ENTER** to start reprogramming.



The control module update is now completed.



9. *California residents only:* Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use **O4G** as the recall number. Have the service advisor give the certificate to your customer, and advise him or her to keep it as proof that the recall 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**.

The image shows a form titled "Vehicle Emission Recall - Proof of Correction". The form has several fields: License Number, Make, Year Model, Body Type, and Vehicle Identification Number. Below these is a field for Manufacturer and a field for Recall Number, which contains the handwritten text "O4G" and is circled in black. There is also a checkbox with an "X" next to it. At the bottom, there are fields for Dealer's Name, Address, City, State and Zip, Date, and Dealer's Authorized Signature. A note at the bottom states: "Return this certificate to DMV only when required - otherwise retain for your records." The form number Y0657 is in the bottom left and JCL 24832 (0312) is in the bottom right.

END