

February 23, 2023

Version 2

Product Improvement: 2022 Multi-Model PGM-FI Idle Stop Software Update

Supersedes 22-007, dated March 11, 2022, to revise the information highlighted in yellow.

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2022	Pilot	TrailSport	Check the iN VIN status for eligibility
2022	Ridgeline	ALL	Check the iN VIN status for eligibility

REVISION SUMMARY

Under WARRANTY CLAIM INFORMATION, the *normal warranty applies* was removed.

BACKGROUND

American Honda is providing this software for affected vehicles to update the PGM-FI software. This change corrects software settings that inhibit idle stop functionality after a certain number of start cycles, thus ensuring that your vehicle will maintain fuel economy performance. This software also includes Multi Information Display (MID) messaging consistent with these changes, with instructions to visit the dealer for maintenance (as appropriate).

CUSTOMER NOTIFICATION

There is no customer notification planned for this Product Improvement Campaign (PIC).

This PIC software update is to be performed during any service visit regardless of the customer's reason for a visit. Please make sure the customer is aware of this PIC at the time of their visit.

Perform 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
1255G5	Update the PGM-FI Software	0.2 hr	6FS00	UC700	A22007B	37805-RLV-B82

Skill Level: Repair Technician

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 diagnostic and reprogramming software are not covered under warranty.

Before beginning the repair, make sure all diagnostic and reprogramming software are updated as listed.

i-HDS Software Version	1.006.051 or later
HDS Software Version	3.104.047 or later
J2534 Rewrite Software Information	
PC Application Version	1.2.1.1
Database Update	31-JAN-2022 or later
NoticeDB Version	31-JAN-2022 or later

Update only the systems and software listed in this service bulletin.

American Honda has validated and approved the Denso DST-I as the vehicle communication interface (VCI) to support this service bulletin.

For more information about updating vehicle systems, refer to service bulletin 01-023, *Updating Control Units/Modules*.

Year/Model	Vehicle System	Program ID (or later)
2022 Pilot (TrailSport)	PGM-FI	37805-RLV-B820
2022 Ridgeline	PGM-FI	37805-5MJ-C720

REPAIR PROCEDURE

NOTE:

- 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.
- Do not use the GR8 because the vehicle requires a steady electrical current.
- Control module failure caused by the improper completion of a software update (early key cycle, low battery voltage, disconnected DLC cable, etc.) is not covered by warranty.
- If an error occurs during the update or the i-HDS freezes, **do not disconnect the battery, or turn the ignition to OFF**. Reboot the i-HDS, and start over.
- To prevent control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.
- Warranty reimbursement for technician labor is not allowed for **routine** checking/installation of any available software update.
- This update will not require entering a service bulletin number.
- Update the PGM-FI software using the J2534 Rewrite software with the DST-i. Refer to service bulletin 01-023, *Updating Control Units/Modules*.

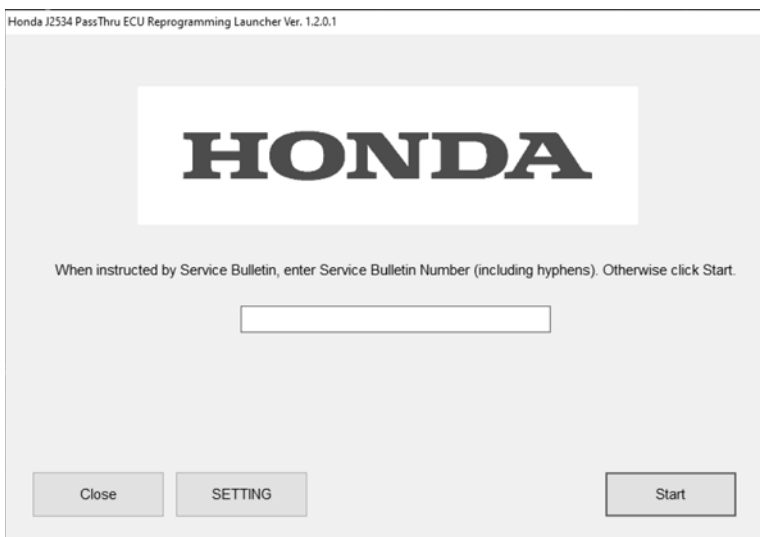
1. From the desktop, select **i-HDS**.



2. From the Home Menu, select the **J2534 Rewrite**.

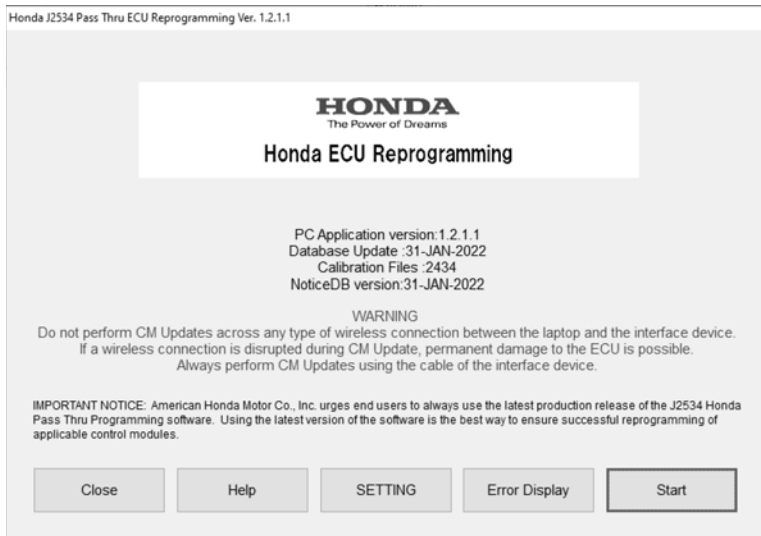


3. When prompted select **Start**, and **do not** enter a service bulletin number.

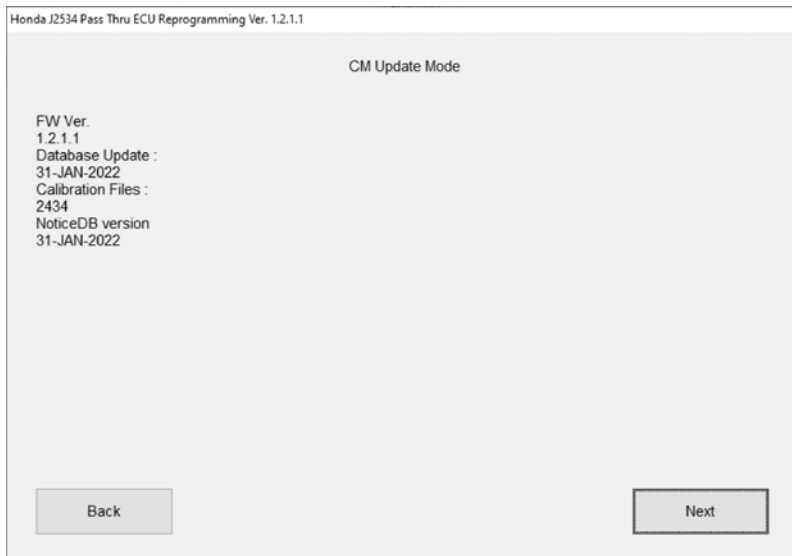


NOTE: Under certain conditions, the **HOME** menu screen may come up. If it does, just minimize it to show the screen below.

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



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



6. Enter the VIN and repair order number, then select **Next**.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

Use a battery booster while reprogramming the vehicle.
Press ENTER.

1. Connect the PC to the Pass-thru device.
2. At the vehicle, turn the ignition switch ON(II), then connect the pass-thru device to the vehicle's SAE J1962 connector (DLC).
3. Click Next to continue.

Back Help Next

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

VIN & Repair Order

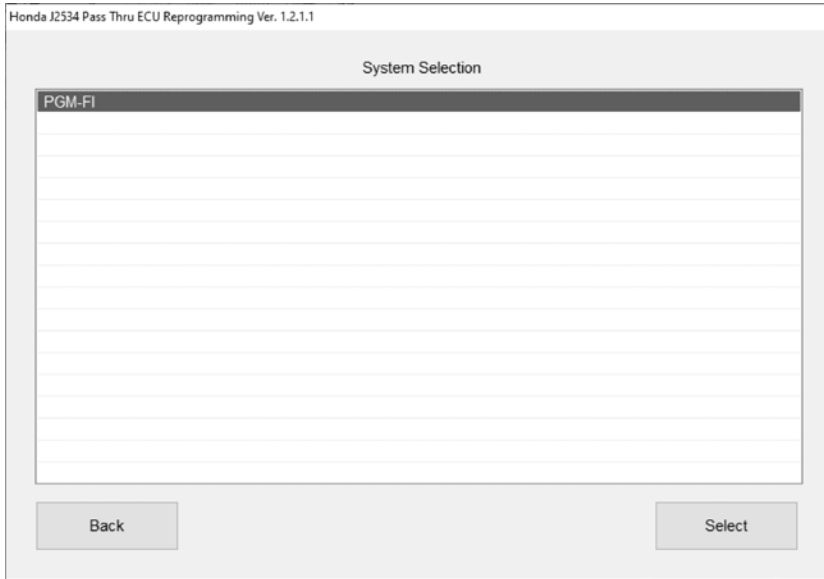
VIN:

Repair Order#:

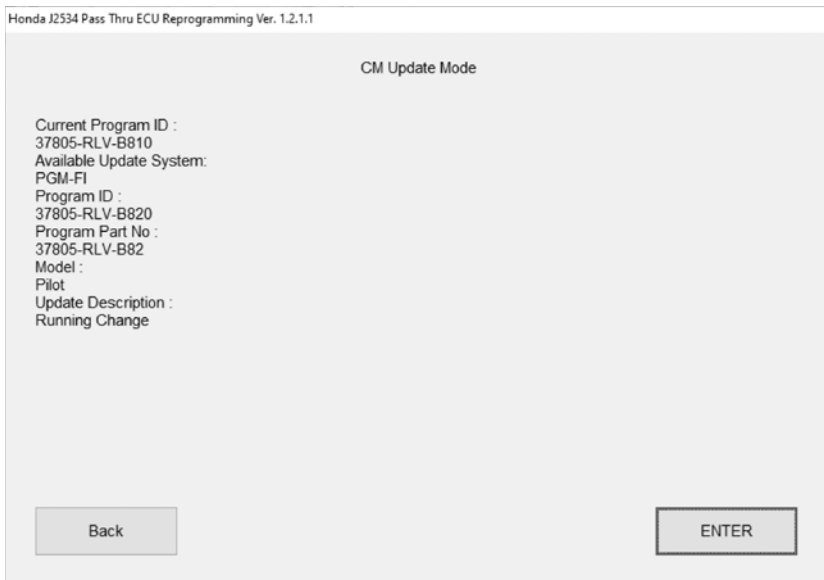
Odometer(mile):

Back Next

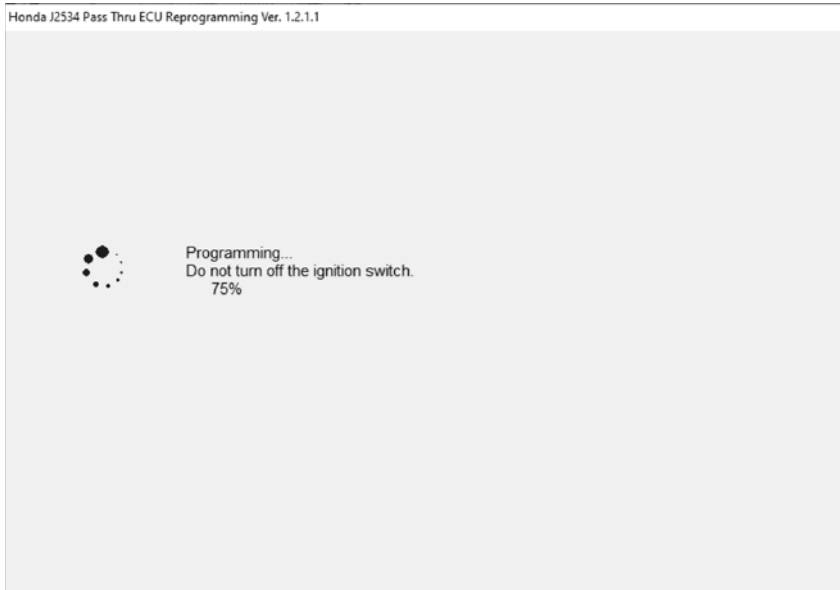
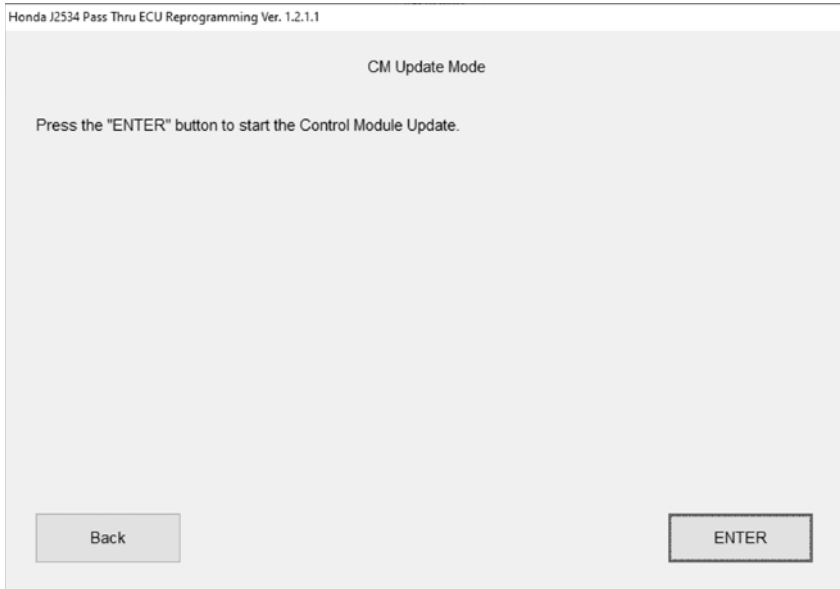
7. Select **PGM-FI**, then **Select**.
NOTE: Wait until the vehicle communication has completed.



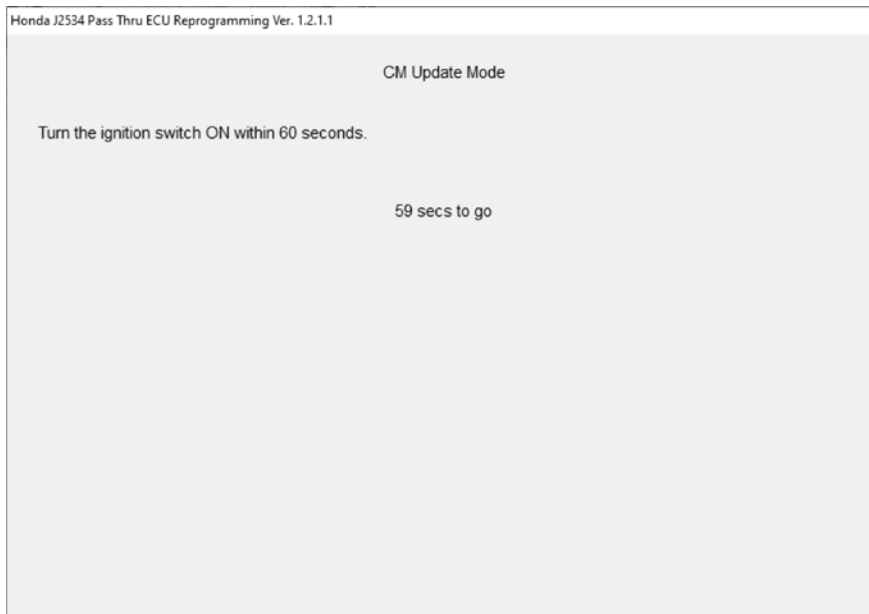
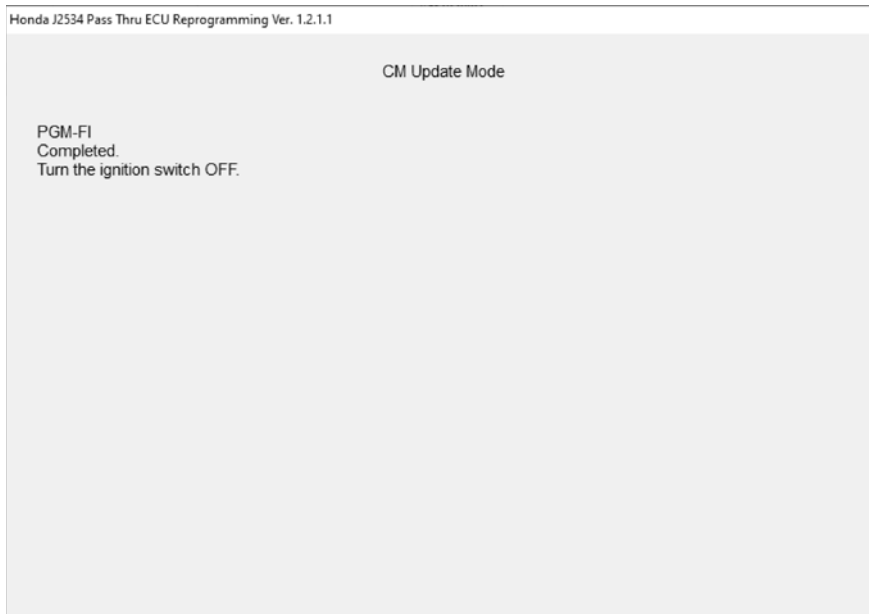
8. Confirm the update information, then select **ENTER**



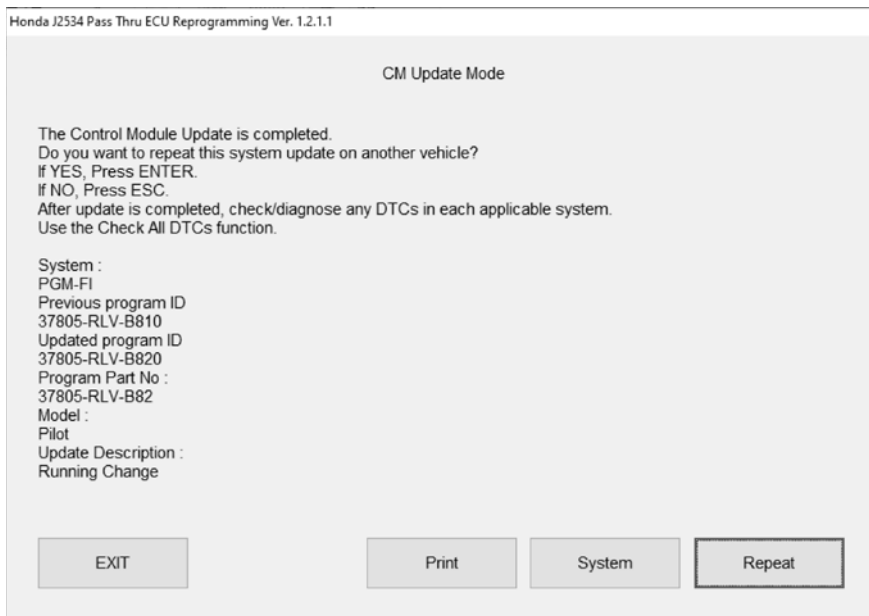
9. Select **ENTER** to start reprogramming.



10. Follow the on-screen instructions to cycle the ignition OFF and ON.



11. The following screen will appear once the module update is complete.



12. Do an ALL DTC check to clear any codes that may have set during the update.

END