

February 18, 2022

Version 1

Emissions Recall: 2021-22 TLX Type S PGM-FI Software Update

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2021–22	TLX	Type S	Check the iN VIN status for eligibility.

BACKGROUND

Due to PGM-FI software errors, vehicles that experience an evaporative leak check module (ELCM) circuit failure may not be able to turn off the MIL and clear DTC P2402, even if repaired. Some 2021 TLX Type S models have an additional software error in the FI-ECU related to the OBD system. Both of these do not comply with OBD regulatory requirements and may prevent the vehicle from passing a smog check.

CLIENT 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
1255E7	Update the PGM-FI software.	0.2 hr	6WU00	ZC500	B22007A	37805-6S9-A54

CLIENT 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 Acura 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	1.1.2.1
Database Update	20-JAN-2022 or later
NoticeDB Version	20-JAN-2022 or later

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

Do not use the MongoosePRO VCI for this service bulletin as it is not an American Honda-approved device.

For more information about updating vehicle systems, refer to service bulletin 01-026, *Updating Control Units/Modules*.

Year/Model	Vehicle System	Program ID (or later)
2021-22 TLX Type S	PGM-FI	37805-6S9-A570

SOFTWARE UPDATE PROCEDURE

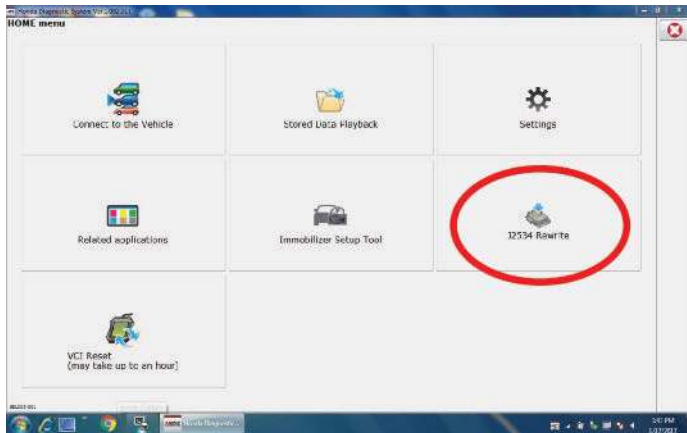
NOTICE

- 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 01-026, *Updating Control Units/Modules*

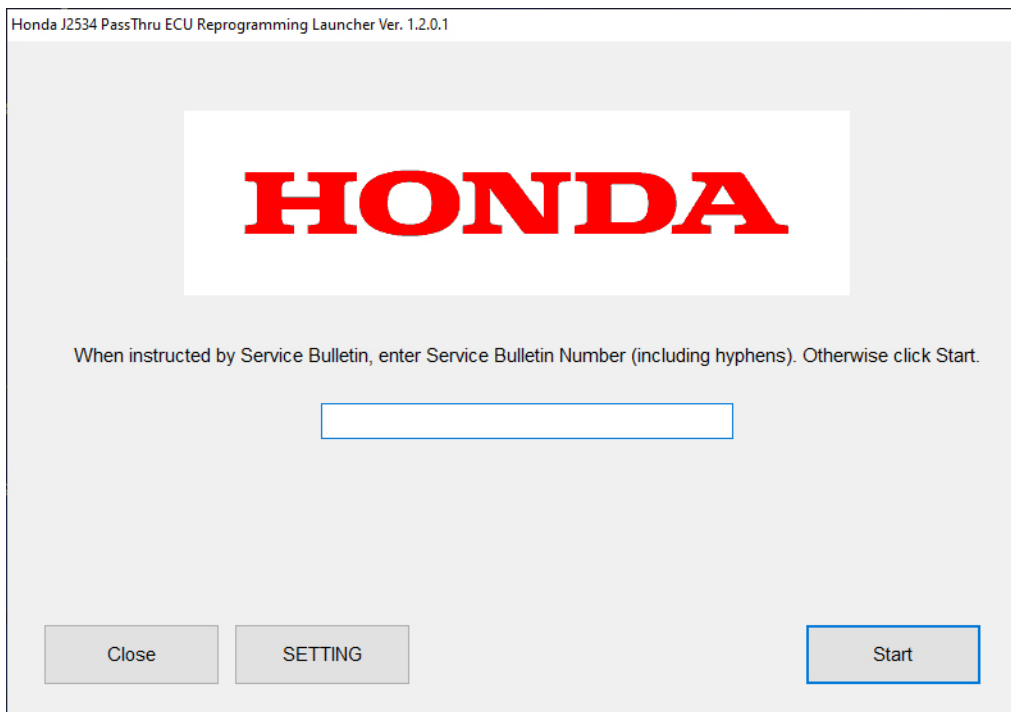
1. From the desktop, select **i-HDS**.



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

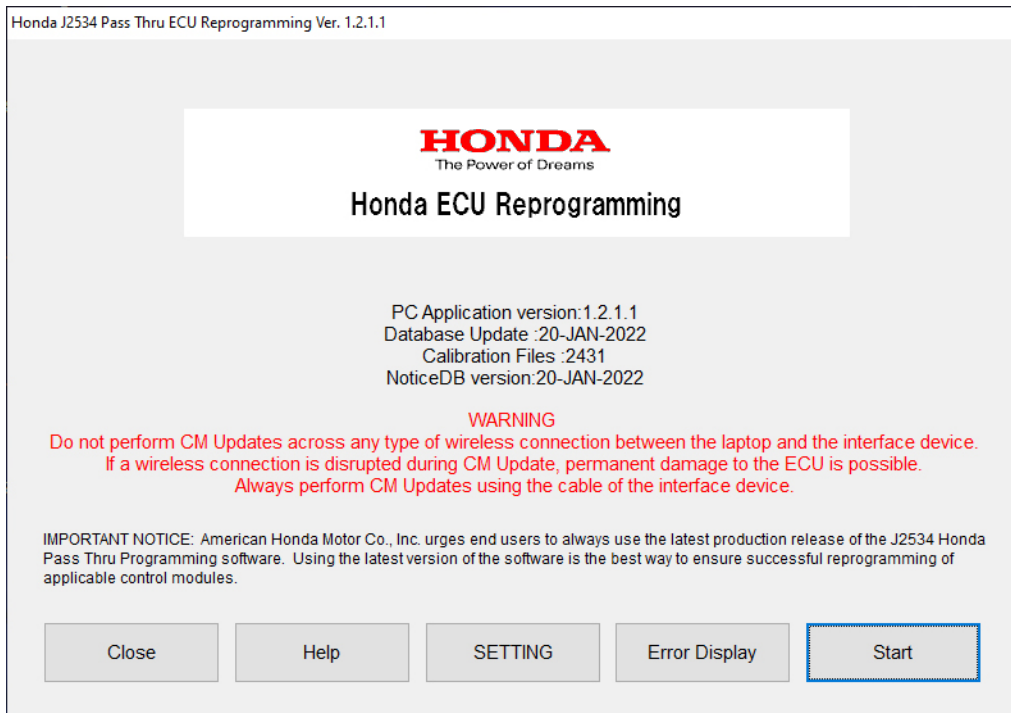


3. When prompted select **Start**, do not enter a service bulletin.

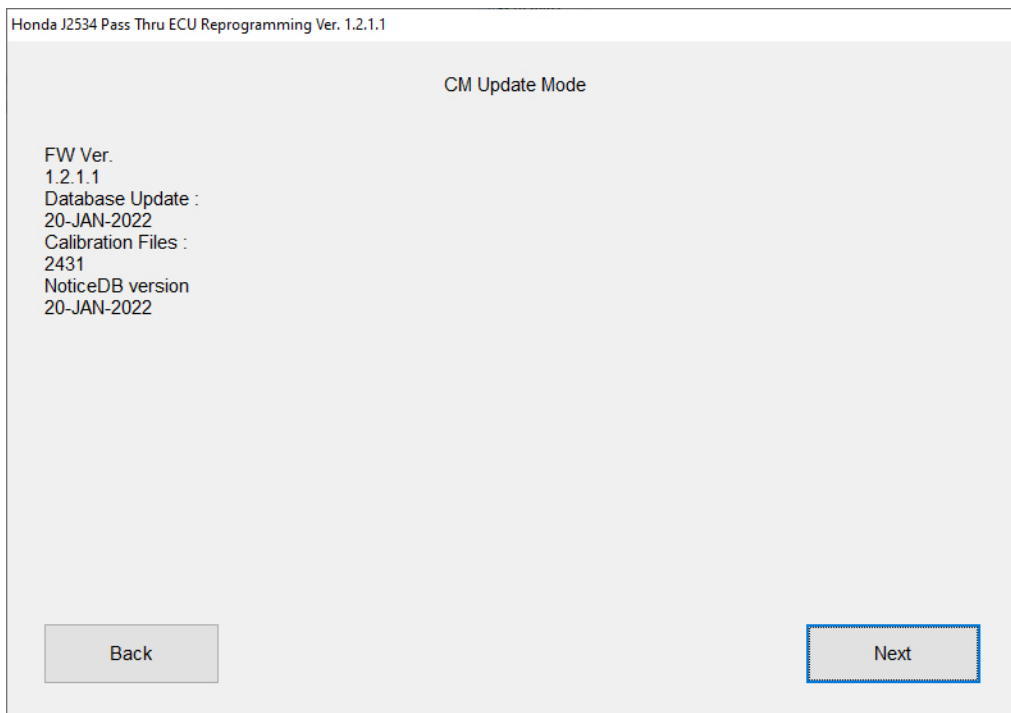


NOTE: Under certain conditions the **HOME menu** screen may come up. If it does, just minimize it to show the screen under it.

4. Connect the i-HDS to 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**, and then **Select**.

NOTE: Wait until vehicle communication has completed.

[illegible]

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

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

Current Program ID :
37805-6S9-A540
Available Update System:
PGM-FI
Program ID :
37805-6S9-A570
Program Part No :
37805-6S9-A57
Model :
TLX
Update Description :
Running Change

Back ENTER

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

Press the "ENTER" button to start the Control Module Update.

Back ENTER



Programming...
Do not turn off the ignition switch.
70%

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

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

PGM-FI
Completed.
Turn the ignition switch OFF.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

Turn the ignition switch ON within 60 seconds.

56 secs to go

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

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

The Control Module Update is completed.
Do you want to repeat this system update on another vehicle?
If YES, Press ENTER.
If NO, Press ESC.
After update is completed, check/diagnose any DTCs in each applicable system.
Use the Check All DTCs function.

System :
PGM-FI
Previous program ID
37805-6S9-A540
Updated program ID
37805-6S9-A570
Program Part No :
37805-6S9-A57
Model :
TLX
Update Description :
Running Change

EXIT Print System Repeat

9. Do an ALL DTC Check to clear any codes that may have set during the update.
10. California residents only: Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use ZC5 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.

Vehicle Emission Recall - Proof of Correction

License Number	Make	Year Model	Body Type	Vehicle Identification Number

Manufacturer _____ Recall Number **ZC5**

The above described vehicle has been repaired, modified and/or equipped with emission control devices to meet applicable California Emission Control Laws.

Dealer's Name _____ Address, City, State and Zip _____

Date _____ Dealership's Authorized Signature _____

X

Return this certificate to DMV only when required - otherwise retain for your records.

Y0657 ACL 24832 (0212)

END