

January 25, 2023

Version 2

Product Update: PGM-FI Idle Stop Software Update

Supersedes 23-008, dated January 6, 2023, to revise the information highlighted in **yellow**.

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2019–22	Passport (with 9AT)	ALL (with Idle Stop)	Check the iN VIN status for eligibility.
2016–22	Pilot (with 9AT)	ALL (with Idle Stop)	Check the iN VIN status for eligibility.
2020–23	Ridgeline (with 9AT)	ALL (with Idle Stop)	Check the iN VIN status for eligibility.

REVISION SUMMARY

Under SOFTWARE UPDATE PROCEDURE, the information was updated.

BACKGROUND

Under certain circumstances, after coming to a stop and the idle stop feature engages, the vehicle may not automatically restart. Typically, the customer can immediately restart the vehicle by selecting Park and pushing the ENGINE START/STOP button.

CUSTOMER NOTIFICATION

Owners of affected vehicles will be sent a notification of this product update.

Do an iN VIN status inquiry to verify eligibility.

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.

NOTE: The software update will decrease the Idle Stop operating range. As a result, the customer may notice reduced idle stop engagement when their vehicle's battery is approaching the end of its useful life.

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

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255G6	Update the PGM-FI Software (Idle Stop).	0.2 hr	6AX00	MCQ00	A23008A	37805-RLV-B43

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	1.008.004 or later
HDS Software Version	3.105.009 or later
J2534 Rewrite Software Information	
PC Application Version	1.00.0034-2461
Database Update	05-OCT-2022 or later
NoticeDB Version	05-OCT-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 22-100, *Updating Control Units/Modules*.

Year/Model	Vehicle System	Program ID (or later)
2019 Passport AWD (Sport, EXL, Touring, Elite)	PGM-FI	37805-RLV-L180
2019 Passport 2WD (Sport, EXL, Touring)	PGM-FI	37805-RLV-L380
2020 Passport AWD (Sport, EXL, Touring, Elite)	PGM-FI	37805-RLV-L530
2020 Passport 2WD (Sport, EXL, Touring)	PGM-FI	37805-RLV-L730
2021 Passport AWD (Sport, EXL, Touring, Elite)	PGM-FI	37805-RLV-B230
2021 Passport 2WD (Sport, EXL, Touring)	PGM-FI	37805-RLV-B330
2022 Passport AWD (EXL, Elite, TrailSport)	PGM-FI	37805-RLV-B430
2022 Passport 2WD (EXL)	PGM-FI	37805-RLV-B530
2016 Pilot 2WD (Touring)	PGM-FI	37805-RLV-4360
2016 Pilot AWD (Elite, Touring)	PGM-FI	37805-RLV-4370
2017 Pilot AWD (Elite, Touring)	PGM-FI	37805-RLV-5230
2017 Pilot 2WD (Touring)	PGM-FI	37805-RLV-5240
2018 Pilot AWD (Elite, Touring)	PGM-FI	37805-RLV-5250
2018 Pilot 2WD (Touring)	PGM-FI	37805-RLV-5260
2019 Pilot AWD (Elite, Touring)	PGM-FI	37805-RLV-L090

Year/Model	Vehicle System	Program ID (or later)
2019 Pilot 2WD (Touring)	PGM-FI	37805-RLV-L290
2020 Pilot AWD (Black, Elite, Touring)	PGM-FI	37805-RLV-L430
2020 Pilot 2WD (Touring)	PGM-FI	37805-RLV-L630
2021 Pilot AWD (SE, LX, EX, EX-L, Touring, Elite, Black)	PGM-FI	37805-RLV-L850
2021 Pilot 2WD (SE, LX, EX, EX-L, Touring)	PGM-FI	37805-RLV-L950
2022 Pilot AWD (SE, Sport, EX-L, Elite, Touring, Black)	PGM-FI	37805-RLV-B720
2022 Pilot AWD (TrailSport)	PGM-FI	37805-RLV-B830
2022 Pilot 2WD (SE, Sport, EX-L, Touring)	PGM-FI	37805-RLV-B620
2020 Ridgeline AWD (Sport, RTL, RTL-E, Black)	PGM-FI	37805-5MJ-C130
2020 Ridgeline 2WD (Sport, RTL)	PGM-FI	37805-5MJ-C030
2021 Ridgeline AWD (Sport, RTL, RTL-E, Black)	PGM-FI	37805-5MJ-C540
2022 Ridgeline AWD (Sport, RTL, RTL-E, Black)	PGM-FI	37805-5MJ-C730
2023 Ridgeline AWD (Sport, RTL, RTL-E, Black)	PGM-FI	37805-5MJ-CA20

SOFTWARE UPDATE PROCEDURE

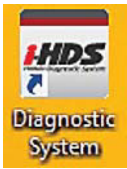
NOTICE

- 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 a steady voltage.
- Do not use the GR8 because the vehicle requires a steady electrical current.
- Control module failure caused by improperly completing 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.

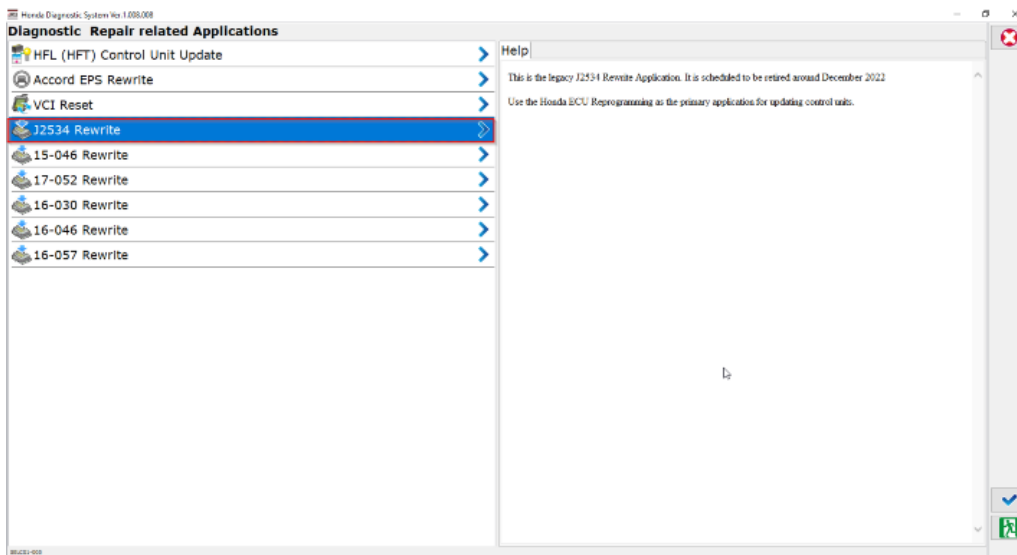
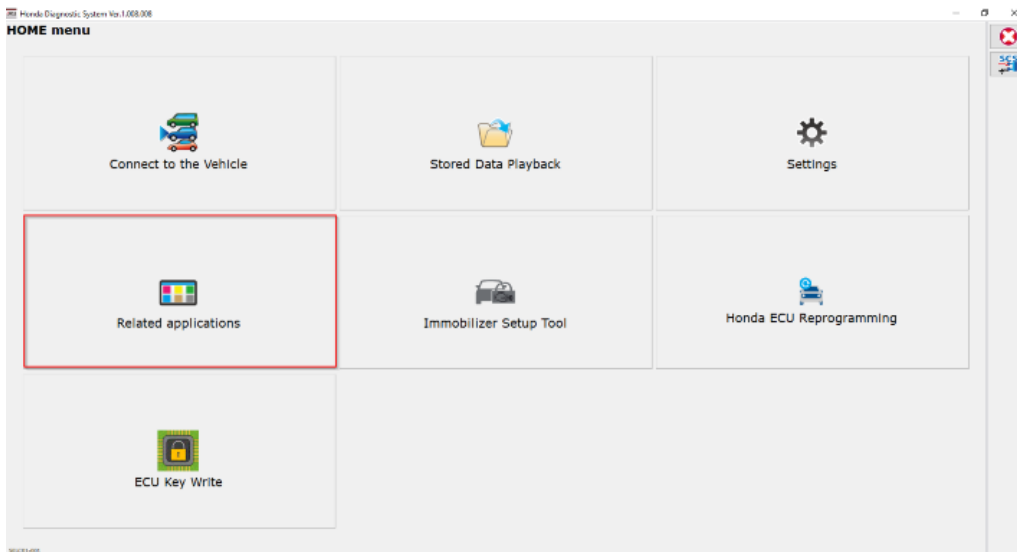
Update the **PGM-FI** software using the J2534 rewrite software with the DST-i. Refer to service bulletin 22-100, *Updating Control Units/Modules*.

NOTE: This update will not require entering a service bulletin number.

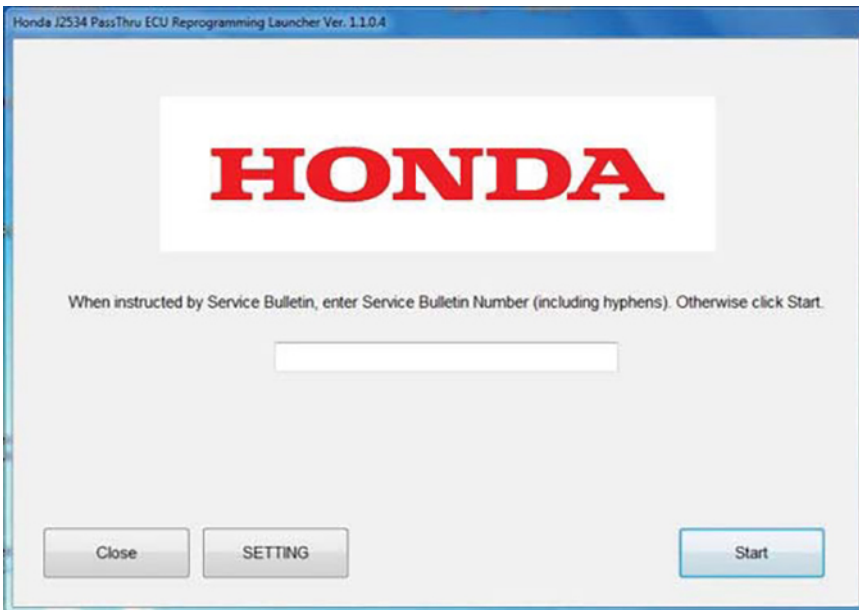
1. From the desktop, select **i-HDS**.



2. From the HOME menu, select the **J2534 Rewrite** under **Related applications**.

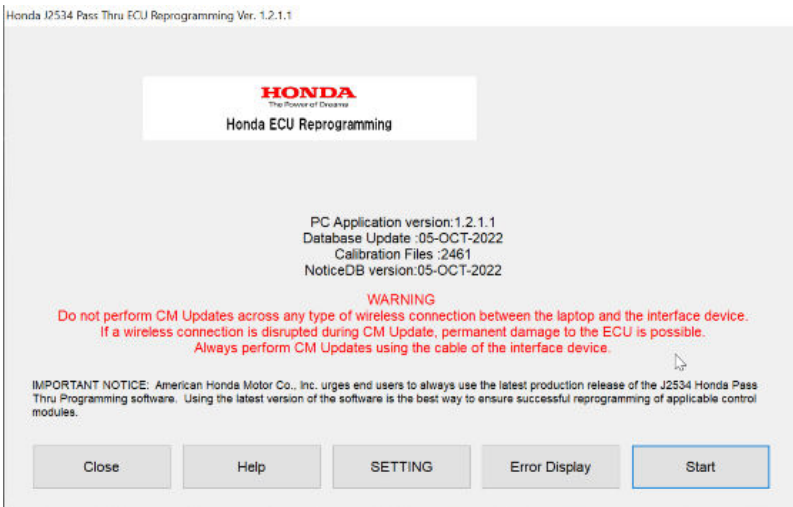


3. When prompted select **Start**, do not enter a service bulletin number.

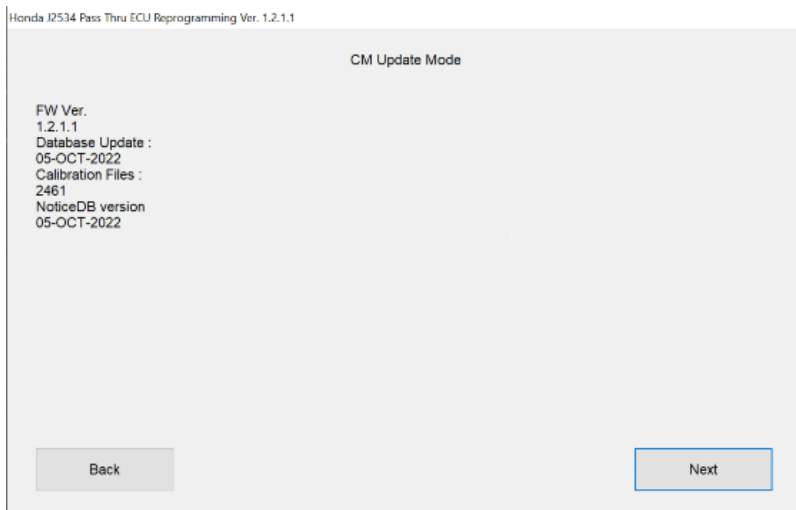


NOTE: Under certain conditions the **HOME** menu screen may come up. If it does, just minimize it to show the screen under it.

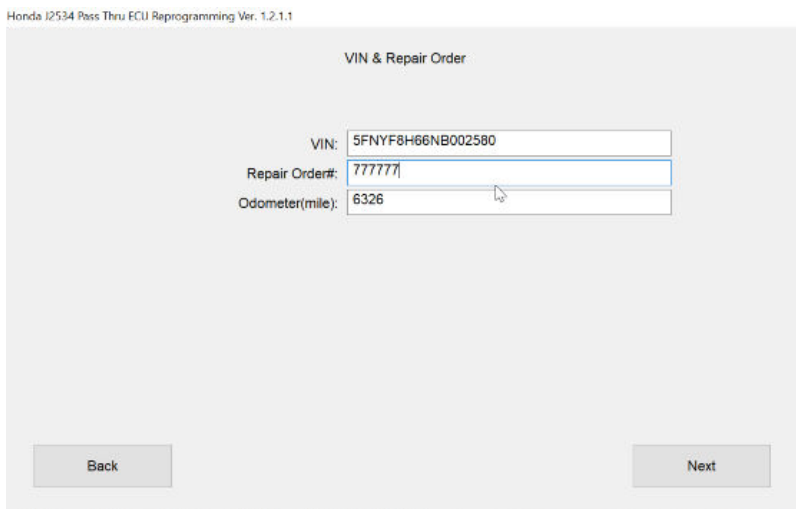
4. Connect the i-HDS to the vehicle and select **Start** to begin reprogramming.



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

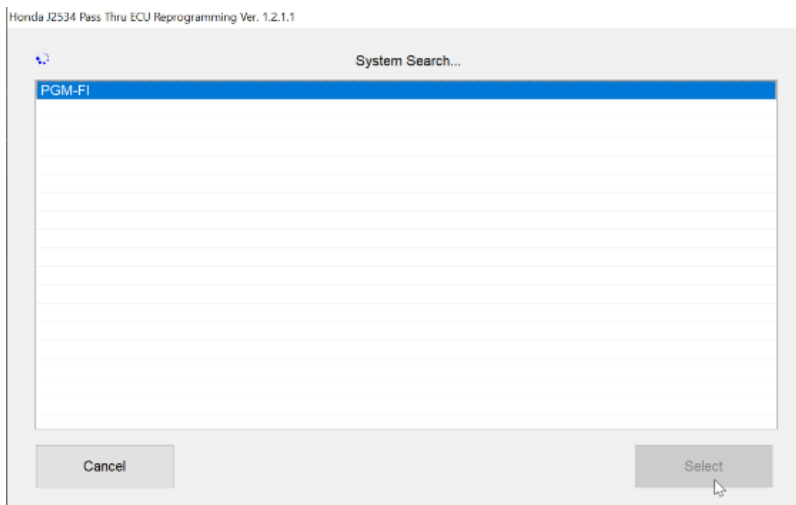


6. Enter the VIN and repair order number. Then, select **Next**.



7. Select the **PGM-FI**, and then **Select**.

NOTE: Wait until vehicle communication has completed.



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

Passport

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

Current Program ID :
37805-RLV-B420
Available Update System:
PGM-FI
Program ID :
37805-RLV-B430
Program Part No :
37805-RLV-B43
Model :
Passport
Update Description :
Running Change

Back ENTER

Pilot

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

Current Program ID :
37805-RLV-B810
Available Update System:
PGM-FI
Program ID :
37805-RLV-B830
Program Part No :
37805-RLV-B83
Model :
Pilot
Update Description :
Running Change

Back ENTER

Ridgeline

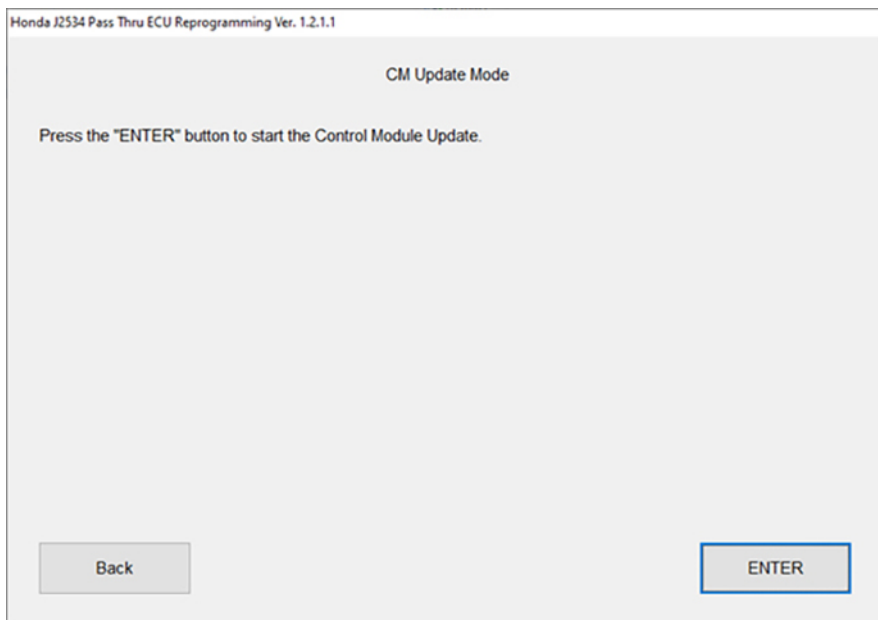
Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

Current Program ID :
37805-5MJ-C710
Available Update System:
PGM-FI
Program ID :
37805-5MJ-C730
Program Part No :
37805-5MJ-C73
Model :
RIDGELINE
Update Description :
Running Change

Back ENTER

9. Select **ENTER** to begin reprogramming, and follow the screen prompts.



CM Update Mode

PGM-FI
Completed.
Turn the ignition switch OFF.

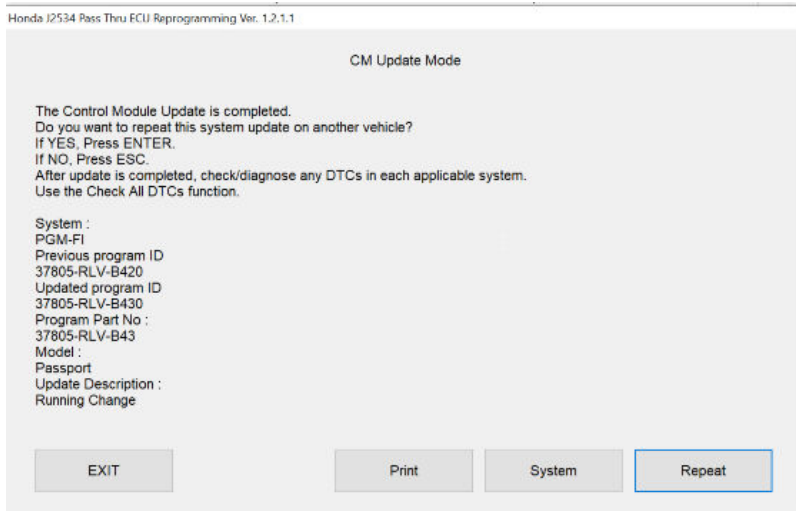
CM Update Mode

Turn the ignition switch ON within 60 seconds.

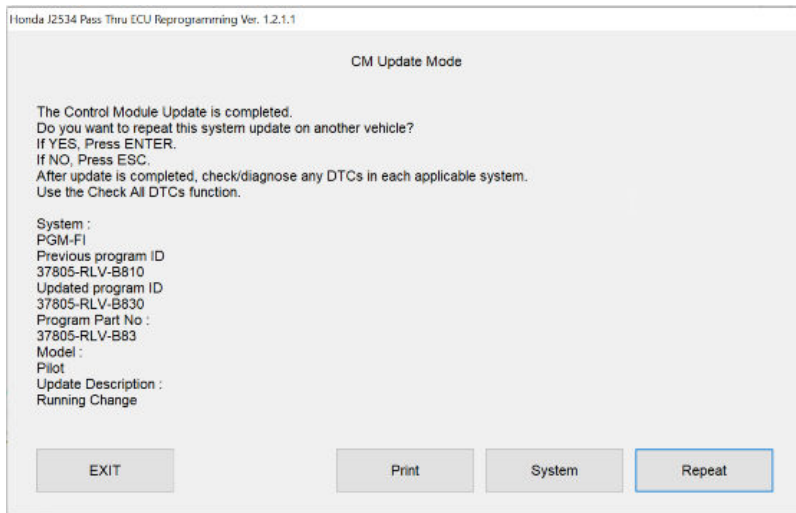
58 secs to go

10. Once the module is updated, the following screen appears, then select **EXIT**.

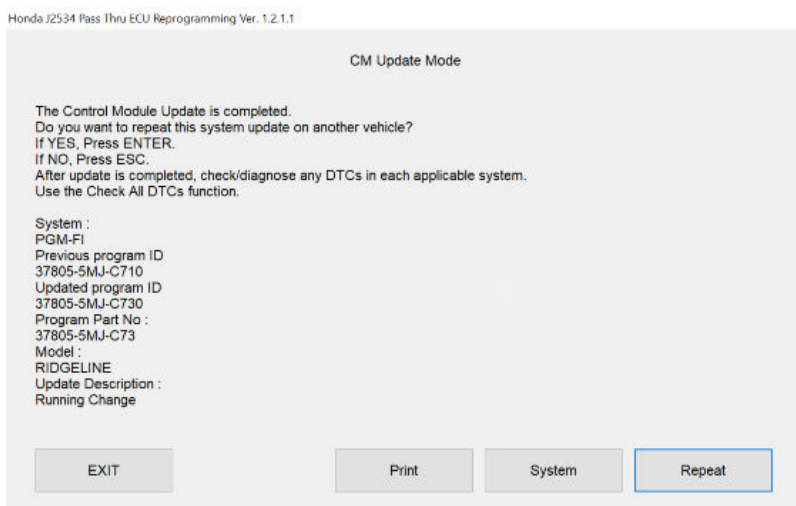
Passport



Pilot



Ridgeline



11. Do an ALL DTC Check then clear any codes set during the update.
12. California residents only: Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use MCQ as the recall number. Have the service consultant give the certificate to your client and advise them to keep it as proof that the recall was completed. Your client will need to submit this certificate to the DMV only if requested. If you need more certificates, use reorder number Y0657.

Vehicle Emission Recall - Proof of Correction																								
License Number	Make	Year Model	Body Type	<div style="text-align: center; border-bottom: 1px solid black; margin-bottom: 5px;">Vehicle Identification Number</div> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td> </tr> </table>																				
Manufacturer _____			Recall Number MCQ _____																					
<p>The above described vehicle has been repaired, modified and/or equipped with any emission related devices to meet applicable California Emission Control Laws.</p>																								
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