

November 10, 2023

Version 3

Product Update: PGM-FI Idle Stop Software Update

Supersedes 23-008 dated January 25, 2023, to revise the information.

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2018–19	Odyssey	Elite, Touring	Check the iN VIN status for eligibility.
2020–23	Odyssey	ALL	Check the iN VIN status for eligibility.
2019–22	Passport	ALL	Check the iN VIN status for eligibility.
2016–22	Pilot	ALL	Check the iN VIN status for eligibility.
2020–23	Ridgeline	ALL	Check the iN VIN status for eligibility.

REVISION SUMMARY

2018–23 Odyssey vehicles were added to this service bulletin. There are extensive updates and American Honda recommends you review the entire bulletin.

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 client 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

Passport/Pilot/Ridgeline

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

Odyssey

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	KFZ00	A23008B	37805-5MR-C21

Skill Level: Repair Technician

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	1.008.020 or later
HDS Software Version	3.105.009 or later
Honda ECU Reprogramming	3.6.0.0
J2534 Rewrite Version	1.00.0034
J2534 Rewrite Database Update	20230414_2492

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 with the ECU Reprogramming Application*.

Year/Model/Trim	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, TRAILSPO	PGM-FI	37805-RLV-B430

Year/Model/Trim	Vehicle System	Program ID (or later)
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
2019 PILOT (2WD) TOURING	PGM-FI	37805-RLV-L290
2020 PILOT (AWD) BLACK, ELITE, TOURING	PGM-FI	37805-RLV-L430
2020 (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) TRAILSPOUR	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
2018 ODYSSEY - ELITE, TOURING	PGM-FI	37805-5MR-3250
2019 ODYSSEY - ELITE, TOURING	PGM-FI	37805-5MR-4170
2020 ODYSSEY - LX	PGM-FI	37805-5MR-4190
2020 ODYSSEY - EX, EX-L, ELITE, TOURING	PGM-FI	37805-5MR-4180
2021 ODYSSEY - ALL	PGM-FI	37805-5MR-C750
2022 ODYSSEY - ALL	PGM-FI	37805-5MR-C930
2023 ODYSSEY - ALL	PGM-FI	37805-5MR-C120

REPAIR PROCEDURE

NOTICE

- Make sure the 12-volt battery is fully charged before starting an update.
 - Connect a fully charged jumper battery pack, the Midtronics GR8-110P AST in Power Supply Mode or the Midtronics DCA-A8000 Dynamic Diagnostic Charging System in Reflash Mode, directly to the vehicle's 12-volt battery. Leave it connected during the entire procedure to maintain a steady voltage.
 - If the vehicle's 12-volt battery drops below 10 volts during the update, the programming status bar may not present accurately, or the Honda ECU Reprogramming application may display an error message.
 - 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.
1. Update the PGM-FI software, see service bulletin 22-100 *Updating Control Units/Modules with the Honda ECU Reprogramming Application*.
 2. Do an **ALL DTC CHECK** and clear any codes that may have set during the update.

3. California residents only: Fill out a Vehicle Emissions Recall – Proof of Correction certificate and use the code specified below 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.

Model	Recall Number
Passport/Pilot/Ridgeline	MCQ
Odyssey	KFZ

Passport/Pilot/Ridgeline

Vehicle Emission Recall - Proof of Correction

License Number	Make	Year Model	Body Type	Vehicle Identification Number <div style="border: 1px solid black; display: flex; justify-content: space-between; height: 20px;"> 1234567891011121314151617181920 </div>
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Manufacturer _____ Recall Number **MCQ**

The above described vehicle has been repaired, modified and/or equipped with new 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)

Odyssey

Vehicle Emission Recall - Proof of Correction

License Number	Make	Year Model	Body Type	Vehicle Identification Number <div style="border: 1px solid black; display: flex; justify-content: space-between; height: 20px;"> 1234567891011121314151617181920 </div>
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Manufacturer _____ Recall Number **KFZ**

The above described vehicle has been repaired, modified and/or equipped with new 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)