

**April 29, 2022**

Version 1

**MIL Comes On With DTC P2DE1****AFFECTED VEHICLES**

Year	Model	Trim	VIN Range
2021–22	Accord Hybrid	ALL	ALL

**SYMPTOM**

The MIL comes on with DTC P2DE1 (Cold Start Air Fuel Ratio Control System Rich).

**POSSIBLE CAUSE**

A new cold start emission reduction strategy was applied to detect air fuel ratio abnormalities. When certain fuel and vehicle shutoff conditions are present, the LAF sensor may incorrectly judge the air fuel ratio to be rich.

**CORRECTIVE ACTION**

Update the PGM-FI software.

**WARRANTY CLAIM INFORMATION**

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255D8	Update the PGM-FI software.	0.2 hr	03214	03217	A22009A	37805-6C2-A54

**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.**

<b>i-HDS Software Version</b>	1.006.051 or later
<b>HDS Software Version</b>	3.104.047 or later
<b>J2534 Rewrite Software Information</b>	
<b>PC Application Version</b>	1.2.1.1
<b>Database Update</b>	31-JAN-2022 or later
<b>NoticeDB Version</b>	31-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 01-023, *Updating Control Units/Modules*.

<b>Year/Model</b>	<b>Vehicle System</b>	<b>Program ID (or later)</b>
2021 Accord Hybrid LX/EX/EX-L	PGM-FI	37805-6C2-A540
2022 Accord Hybrid LX/Sport/EX-L	PGM-FI	37805-6C2-A540
2021–22 Accord Hybrid Touring	PGM-FI	37805-6C2-A640

## SOFTWARE UPDATE PROCEDURE

NOTE:

- This update will not require entering a service bulletin number.
  - 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.
1. Update the PGM-FI software using the J2534 Rewrite software with the DST-i. Refer to service bulletin 01-023, *Updating Control Units/Modules*.

END