

March 26, 2021

Version 1

MIL Comes On with DTC U0155

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2021	ILX	ALL	ALL
2022	MDX	ALL	ALL

SYMPTOM

The MIL comes on with DTC U0155 (Lost Communication with Gauge Control Module).

POSSIBLE CAUSE

During certain conditions after conducting an evaporative emissions leak check, a mismatch in control module shutdown commands results in the DTC being set.

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	B21011A	37805-61A-A45

Skill Level: Repair Technician

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	1.006.026 or later
HDS Software Version	3.104.014 or later
J2534 Rewrite Software Information	
PC Application Version	1.2.1.1
Database Update	12-MAR-2021 or later
NoticeDB Version	12-MAR-2021 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 01-026, *Updating Control Units/Modules*.

Year/Model	Vehicle System	Program ID (or later)
2021 ILX Base, Prem, Tech	PGM-FI	37805-R4H-C420
2021 ILX Prem (A-Spec), Tech (A-Spec)	PGM-FI	37805-R4H-C520
2022 MDX Base, Tech	PGM-FI	37805-61A-A450
2022 MDX A-Spec (AWD), ADV (AWD), Base (AWD), Tech (ADV)	PGM-FI	37805-61A-A750

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.

1. Update the PGM-FI software using the J2534 Rewrite software with the DST-i. Refer to service bulletin 01-026, *Updating Control Units/Modules*.

NOTE: This update does not require entering a service bulletin number

2. Clear any DTCs.

END