

December 20, 2019

Version 1

MIL Comes On with DTC P0460

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2020	RDX	2WD	5J8TC1...LL000001 thru 5J8TC1...LL008164
		SH-AWD [®]	5J8TC2...LL000001 thru 5J8TC2...LL018506

SYMPTOM

The malfunction indicator lamp (MIL) comes on with DTC P0460 (fuel level sensor [fuel gauge sending unit] out of range).

POSSIBLE CAUSE

Under certain conditions, the PCM software may misinterpret normal fuel level sensor inputs as a malfunction and set DTC P0460 (fuel level sensor [fuel gauge sending unit] is out of range).

CORRECTIVE ACTION

Update the PGM-FI software.

SOFTWARE INFORMATION

NOTE

Unnecessary or incorrect repairs resulting from a failure to update the i-HDS are not covered under warranty.

i-HDS Software Version: **1.005.038 or later**

J2534 Software Information:

- PC Application Version **1.1.0.6 or later**
- Database update **25-NOV-2019 or later**

Before beginning the repair, make sure that both the i-HDS and J2534 software are updated as listed above.

Do only the update listed in this service bulletin.

You cannot apply the updates with the MVCI as a standalone tool. To update the software you must use the MVCI or the DST-i interface in conjunction with the J2534 Rewrite PC application on the i-HDS.

For more information about updating the i-HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

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.

Year/Model	Software System	Program ID (or later)
2020 RDX 2WD (Advance)	PGM-FI	37805-5YF-A130
2020 RDX 2WD (A-spec, Base, Tech)	PGM-FI	37805-5YF-A330
2020 RDX SH-AWD (Advance)	PGM-FI	37805-5YF-A230
2020 RDX SH-AWD (A-spec, Base, Tech)	PGM-FI	37805-5YF-A430

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 (does not require idle learn or CKP learn).	0.2 hr	03214	03217	B19068A	37805-5YF-A13

Skill Level: Repair Technician

REPAIR PROCEDURE

NOTES

- 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.

Update the PGM-FI software using the i-HDS J2534 rewrite software with the MVCI or DST-i. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

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