

June 01, 2021

Version 1

MIL Comes On With DTC P0236

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2019–20	RDX	ALL	ALL
2021	RDX	2WD	5J8TC1...ML000001 thru 5J8TC1...ML011759
2021	RDX	SH-AWD	5J8TC2...ML000001 thru 5J8TC2...ML023920
2021	RDX	SH-AWD (PMC)	5J8TC2...MY000001 thru 5J8TC2...MY000174
2021	TLX	ALL (Except Type-S)	ALL

SYMPTOM

The MIL comes on with DTC P0236 (Turbocharger Boost Sensor Circuit Range/Performance Problem) stored.

POSSIBLE CAUSE

The PCM may misinterpret sensors inputs as a turbocharger issue when reducing boost pressure with condensation, the detection of P0236 is stored and misdetection occurs.

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	03217	01201	B21021A	37805-5YF-C23

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	1.006.033 or later
HDS Software Version	3.104.030 or later
J2534 Rewrite Software Information	
PC Application Version	1.2.1.1
Database Update	12-MAY-2021 or later
NoticeDB Version	12-MAY-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)
2019 RDX Advance	PGM-FI	37805-5YF-C520
2019 RDX Advance (SH-AWD)	PGM-FI	37805-5YF-C720
2019 RDX A-Spec, Base, Tech	PGM-FI	37805-5YF-A920
2019 RDX A-Spec (SH-AWD) Base, (SH-AWD), Tech (SH-AWD)	PGM-FI	37805-5YF-C820
2020 RDX Advance	PGM-FI	37805-5YF-A150
2020 RDX Advance (SH-AWD)	PGM-FI	37805-5YF-A250
2020 RDX A-Spec, Base, Tech	PGM-FI	37805-5YF-A350
2020 RDX A-Spec (SH-AWD) Base, (SH-AWD), Tech (SH-AWD)	PGM-FI	37805-5YF-A450
2021 RDX Advance	PGM-FI	37805-5YF-C130
2021 RDX Advance (SH-AWD), LTD (PMC) (SH-AWD)	PGM-FI	37805-5YF-C230
2021 RDX A-Spec, Base, Tech	PGM-FI	37805-5YF-C330
2021 RDX A-Spec (SH-AWD) Base, (SH-AWD), Tech (SH-AWD)	PGM-FI	37805-5YF-C430
2021 TLX Advance	PGM-FI	37805-6S8-A550
2021 TLX Base, Tech, A-Spec	PGM-FI	37805-6S8-A650
2021 TLX Advance (SH-AWD)	PGM-FI	37805-6S8-A750
2021 TLX A-Spec (SH-AWD) Base, (SH-AWD), Tech (SH-AWD)	PGM-FI	37805-6S8-A850

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 01-023, *Updating Control Units/Modules*. Delete any DTCs. NOTE: This update will not require entering a service bulletin number

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