

February 19, 2019

Version 3

2019 RDX: Engine Idle Fluctuates on Cold Starts

Supersedes 18-063, dated January 22, 2019, to revise the information highlighted in yellow

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2019	RDX	AWD	See SOFTWARE INFORMATION for VIN application.

REVISION SUMMARY

Under CORRECTIVE ACTION, WARRANTY CLAIM INFORMATION, and REPAIR PROCEDURE, the PCM idle learn procedure was added.

SYMPTOM

The engine idle fluctuates on cold starts.

POSSIBLE CAUSES

The engine idle is set too low.

CORRECTIVE ACTION

Update the PGM-FI software and PCM idle learn procedure.

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	B18063A	37805-5YF-A86
D	PCM idle learn procedure - add	0.1 hr				

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 i-HDS are not covered under warranty.

i-HDS Software Version: **1.004.060 or later**

J2534 Software Information:

- PC Application Version **1.1.0.6 or later**
- Database update **27-DEC-2018 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.

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

Year/Model	VIN Range	Software System	Program ID (or later)	Program P/N (or later)
2019 RDX (Base)	5J8TC1H3.KL000001 thru 5J8TC1H3KL007786	PGM-FI	YFA860	37805-5YF-A860
2019 RDX (Tech)	5J8TC2H5.KL000001 thru 5J8TC2H5.KL010750	PGM-FI	YFA860	37805-5YF-A860
2019 RDX (A-Spec)	5J8TC2H6.KL000001 thru 5J8TC2H6.KL010488	PGM-FI	YFA860	37805-5YF-A860
2019 RDX (Advance)	5J8TC2H7.KL000001 thru 5J8TC2H7.KL011210	PGM-FI	YFA660	37805-5YF-A660

REPAIR PROCEDURE

1. 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*.

NOTE

Connect a fully charged jumper battery and leave it connected during the entire procedure to maintain steady voltage. Never turn the ignition to OFF or ACCESSORY during the update. If there is a problem with the update, leave the ignition turned to ON, refer to bulletin 01-026. To prevent control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update. Do not use the MongoosePro VCI.

2. **Do the PCM idle learn procedure. See the service information.**

END