

January 22, 2019

Version 1

2019 RDX: Booming Noise and Engine Idles Rough on Cold Starts

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2019	RDX	2wd	ALL

SYMPTOM

When cold-starting the engine and shifting to Reverse with your foot on the brake pedal, you hear a booming noise and the engine idles rough.

POSSIBLE CAUSES

The ANC control unit becomes unstable when the idle fluctuates.

CORRECTIVE ACTION

Update the PGM-Fi software. Some vehicles also require a new ANC control unit. Check the VIN to ensure the vehicle needs a unit.

PARTS INFORMATION

Part Name	Part Number	Quantity
Active Noise Control Unit	39200-TJC-A02	1
Active Noise Control Unit	39200-TJC-A12	1
Active Noise Control Unit	39200-TJC-A22	1

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.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Repair Procedure A

Operation Number	Description	Replacement P/N	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
0101P1	Replace the ANC control unit, and update the PGM-FI software.	39200-TJC-A02	0.4 hr	03214	03217	B18062A	37805-5YF-A76
		39200-TJC-A12				B18062B	37805-5YF-A76
		39200-TJC-A22				B18062C	37805-5YF-A56

Repair Procedure B

Operation Number	Description	Replacement P/N	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255D8	Update the PGM-FI software.	NA	0.2 hr	03214	03214	B18062D	37805-5YF-A76

Skill Level: Repair Technician

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 **12-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*.

Repair Procedure A

Year/Model	VIN Range	Software System	Active Noise Control Unit	Program ID (or later)	Program P/N (or later)
2019 RDX (Base)	5J8TC1H3.KL000001 thru 5J8TC1H3.KL005482	PGM-FI	39200-TJC-A02	YFA760	37805-5YF-A760
2019 RDX (Tech)	5J8TC1H5.KL000001 thru 5J8TC1H5.KL005120	PGM-FI	39200-TJC-A12	YFA760	37805-5YF-A760
2019 RDX (A-Spec)	5J8TC1H6.KL000001 thru 5J8TC1H6.KL005844	PGM-FI	39200-TJC-A22	YFA760	37805-5YF-A760
2019 RDX (Advance)	5J8TC1H7.KL000001 thru 5J8TC1H7.KL005817	PGM-FI	39200-TJC-A22	YFA560	37805-5YF-A560

Repair Procedure B

Year/Model	VIN Range	Software System	Program ID (or later)	Program P/N (or later)
2019 RDX (Base)	5J8TC1H3.KL005483 thru 5J8TC1H3.KL007757	PGM-FI	YFA760	37805-5YF-A760
2019 RDX (Tech)	5J8TC1H5.KL005121 thru 5J8TC1H5.KL007859	PGM-FI	YFA760	37805-5YF-A760
2019 RDX (A-Spec)	5J8TC1H6.KL005845 thru 5J8TC1H6.KL007821	PGM-FI	YFA760	37805-5YF-A760
2019 RDX (Advance)	5J8TC1H7.KL005818 thru 5J8TC1H7.KL007693	PGM-FI	YFA560	37805-5YF-A560

DIAGNOSIS

1. Check the VIN ranges in SOFTWARE INFORMATION under Repair Procedure A to determine if you need to replace the ANC control unit.
 - If the VIN range is listed, go to REPAIR PROCEDURE A.
 - If not, go to step 2.
2. Check the VIN ranges in SOFTWARE INFORMATION under Repair Procedure B to determine if you need to reprogram the PGM-FI.
 - If the VIN range is listed, go to REPAIR PROCEDURE B.

REPAIR PROCEDURE A

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. 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.

1. Replace the active noise control unit located under the driver's side center console.



2. 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*.

REPAIR PROCEDURE B

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. 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.

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*.

END