

**May 21, 2019**

Version 2

## Metallic Buzz or Rattle Under Vehicle

Supersedes 19-021, dated April 5, 2019; See REVISION SUMMARY

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2016-19	HR-V	ALL AWD	ALL

### REVISION SUMMARY

- Under AFFECTED VEHICLES, information has been updated.
- Under SOFTWARE INFORMATION, information has been updated.

### SYMPTOM

While driving at speeds between **20** and **55 mph** (engine speeds between **2500** and **3500 rpm**), you may hear a metallic buzz or rattle (similar to a heat shield rattle) from under the vehicle when gently letting up on the accelerator pedal.

### POSSIBLE CAUSE

This noise is not a durability problem, but rather a drivetrain system vibration. To fix this issue, there is software to reduce the chance of this noise from occurring.

### CORRECTIVE ACTION

Test-drive the vehicle. Then, confirm that the noise is similar to the sound clip in INSPECTION PROCEDURE. If the sound is similar, update the AWD control unit software.

### WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
2195B1	Update the AWD unit.	0.2 hr	03214	04201	A19021A	48311-54A-3050
A	Test-drive the vehicle.	0.2 hr				

Skill Level: Repair Technician

**CUSTOMER 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 Honda 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: **1.005.016 or later**

J2534 Software Information:

- PC Application Version **1.1.0.6 or later**
- Database update **07-MAY-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 01-023, *Updating Control Units/Modules*.

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2016-18 HR-V	AWD	48311-54A-3050	48311-54A-305
2019 HR-V (LX/EX/Touring)	AWD	48311-54A-A620	48311-54A-A62
2019 HR-V (Sport)	AWD	48311-54A-A720	48311-54A-A72

## INSPECTION PROCEDURE

1. To duplicate the noise, drive at speeds between **20** and **55 mph** (engine speed between **2500** and **3500 rpm**), then gently let up on the accelerator pedal.
2. Listen for a noise, and compare it to the sound clip [here](#).
  - If it is similar, go to REPAIR PROCEDURE.
  - If it is not similar, this bulletin does not apply. Continue with normal system troubleshooting.

## REPAIR PROCEDURE

1. Update the AWD software using the i-HDS J2534 rewrite software with the MVCI or DST-i. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

### NOTES

- Connect a fully charged jumper battery to the vehicle, and leave it connected during the entire procedure to maintain steady voltage.
- You cannot update the vehicle using the MVCI as a standalone tool.
- Do not use the MongoosePro VCI tool.
- 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 AWD control unit damage, do not operate anything-electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.

END