

Accelerator Pedal "Spring" Noise

Service Category Vehicle Interior

Section Interior Panels/Trim

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2017	RX350	WMI(s): 2T2 VDS(s): BZMCA, ZZMCA
2016 - 2017	RX450H	WMI(s): 2T2 VDS(s): BGMCA, ZFMCA

Introduction

Some 2016 – 2017 model year RX 350 and RX 450h vehicles produced in North America may exhibit a “spring” noise upon release of the accelerator pedal. Follow the Repair Procedure below to address this condition.

NOTE

This Service Bulletin is **ONLY** applicable to RX models with VINs starting with “2T2.” Vehicles with VINs starting with “JTJ” are **NOT** affected.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BD1702	R & R Accelerator Pedal Sensor Assembly	0.3	78110-0E030	91	14

APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months or 50,000 miles, whichever occurs first, from the vehicle’s in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
78110-0E030	78110-48121	Sensor Assy, Accelerator Pedal	1

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Repair Procedure

1. Confirm the condition exists.
Is there a "spring" noise upon release of the accelerator pedal?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
2. Remove the front door scuff plate LH.
3. Remove the cowl side trim board.
4. Remove the No. 1 instrument panel under cover sub-assembly.
5. Remove the accelerator pedal sensor assembly.

NOTICE

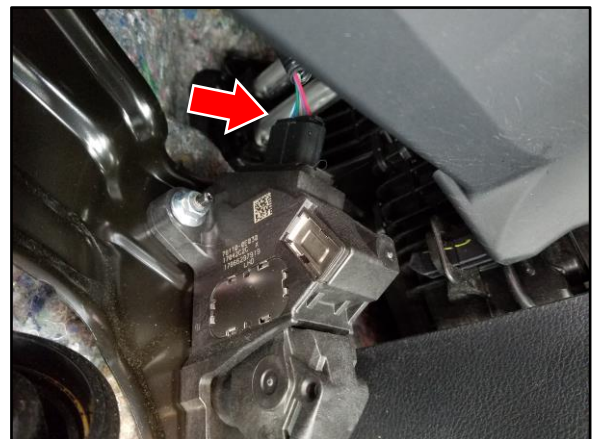
- Avoid physical shock to the accelerator pedal sensor assembly.
- Do NOT disassemble the accelerator pedal sensor assembly.
- The accelerator pedal sensor assembly does NOT require lubrication.
- Do NOT apply oil or other lubricants to the accelerator pedal sensor assembly. If applied, the accelerator pedal sensor assembly **MUST** be replaced.

Figure 1.



- A. Disconnect the accelerator pedal sensor assembly connector.

Figure 2.

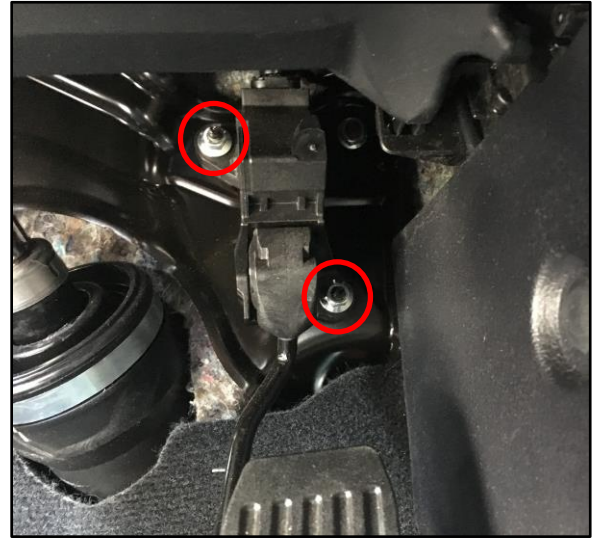


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Repair Procedure (Continued)

- B. Remove the two nuts and the accelerator pedal sensor assembly.

Figure 3.



- C. Disengage the accelerator pedal sensor rod from the pedal retainer by pushing the pedal toward the center console.

Figure 4.



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Repair Procedure (Continued)

6. Install a NEW accelerator pedal sensor assembly.

NOTICE

- Avoid physical shock to the accelerator pedal sensor assembly.
- Do NOT disassemble the accelerator pedal sensor assembly.
- The accelerator pedal sensor assembly does NOT require lubrication.
- Do NOT apply oil or other lubricants to the accelerator pedal sensor assembly. If applied, the accelerator pedal sensor assembly MUST be replaced.

- A. Engage the accelerator pedal sensor rod into the pedal retainer by pushing the pedal toward the center console.
 - B. Install the accelerator pedal sensor assembly with the two nuts.
Torque: 5.4 N*m (55 kgf*cm, 48 in*lbf)
 - C. Connect the accelerator pedal sensor assembly connector.
7. Install the No. 1 instrument panel under cover sub-assembly.
 8. Install the cowl side trimboard.
 9. Install the front door scuff plate LH.
 10. Confirm proper vehicle operation.