

Squawk Noise When Releasing Brake

Service Category Brake

Section Brake Control/Dynamic Control System

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010 - 2015	RX450H	

REVISION NOTICE

December 14, 2018 Rev1:

- **Applicability has been updated to exclude 2016 model year RX450h vehicles.**
- **The Production Change Information section has been updated.**

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2010 – 2015 model year RX450h vehicles may exhibit a squawk and/or a knocking noise coming from the engine compartment when releasing the brake pedal. Follow the Repair Procedure in this bulletin to address this condition.

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
TMMC	2WD	2T2BGMCA#JC029755
	AWD	
TMC	2WD	JTJZB1BA#F2415988
	AWD	JTJBC1BA#F2469260

Parts Information

PART NUMBER	PART NAME	QTY
44050-48320	Actuator Assy, Brake	1



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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BR1603	Bleed Brakes Only	1.0	44050-48320	91	88
BR1604	Bleed Brakes and R & R Actuator	3.2			

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.

Repair Procedure

1. Confirm that the vehicle has a squawk and/or knocking noise from the engine compartment when releasing the brake pedal.
See the video below for further clarification of the noise.
[Squawk/Knock noise example.](#)
2. Is there a squawk/knock noise when releasing the brake pedal?
 - **YES** – Continue to step 3.
 - **NO** – This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

3. Bleed the brake system.

NOTE

Bleed the brakes by following the procedure to bleed the actuator.

Refer to TIS, applicable model and model year Repair Manual:

- [2010 \(03/2009 – 08/2009\)](#) / [2010 \(08/2009 –\)](#) / [2011](#) / [2012](#) / [2013](#) / [2014](#) / [2015](#) RX450h:
Brake – Brake System – “Brake System (Other): Brake Fluid: Bleeding”

4. Is the squawk/knock noise still present AFTER bleeding the brakes?
 - **YES** – Continue to step 5.
 - **NO** – Go to step 6.



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Repair Procedure (continued)

5. Replace the brake actuator assembly.

Refer to TIS, applicable model and model year Repair Manual:

- [2010 \(03/2009 – 08/2009\)](#) / [2010 \(08/2009 –\)](#) / [2011](#) / [2012](#) / [2013](#) / [2014](#) / [2015](#) RX450h:
Brake – Brake Control/Dynamic Control System – “Brake Control/Dynamic Control Systems: Brake Actuator: Removal”
- [2010 \(03/2009 – 08/2009\)](#) / [2010 \(08/2009 –\)](#) / [2011](#) / [2012](#) / [2013](#) / [2014](#) / [2015](#) RX450h:
Brake – Brake Control/Dynamic Control System – “Brake Control/Dynamic Control Systems: Brake Actuator: Installation”

6. Confirm normal braking operation and no noise is heard when releasing the brake.