

# Rear Brake Vibration/Squeak While Braking Due to Corrosion

**Service Category** Brake

**Section** Brake (rear)

**Market** USA

Lexus Supports  
ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2017	GS200T	VDS(s): BA1BL, BZ1BL
2018	GS300	VDS(s): BA1BL
2013 - 2018	GS350, GS450H	VDS(s): BE1BL, BE1KS, BE5KS, BS1BL, BZ1BL, CE1BL, CE1KS, CE5KS, CZ1BL
2016 - 2017	IS200T	VDS(s): BA1D2, BE1D2, CM1D2
2014 - 2015	IS250, IS350	VDS(s): BE1D2, BF1D2, CE1D2, CF1D2
2016 - 2018	IS300, IS350	VDS(s): BA1D2, BE1D2, BZ1D2, C81D2, CE1D2, CM1D2, CZ1D2
2016 - 2017	RC200T	VDS(s): HA5BC, HE5BC
2016 - 2018	RC300	VDS(s): HA5BC, S85BC, SM5BC
2015 - 2018	RC350	VDS(s): HA5BC, HE5BC, HZ5BC, SE5BC, SZ5BC

## Introduction

Some 2013 – 2018 model year vehicles may exhibit a rear brake vibration/squeak while braking, due to corrosion on the rear brake components. Service parts are now available to reduce the likelihood of this condition occurring. The backing plates of the brake pads have been covered with an anti-rust coating to address the brake pads sliding in the caliper assembly and reduce RTV (rotor thickness variation). 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.

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
IS 300	Tahara	RWD	JTHBA1D2#J5065907
		AWD	JTHC81D2#J5027246
IS 350		RWD	JTHBZ1D2#J5032034
		AWD	JTHCZ1D2#J5014921

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### Production Change Information (continued)

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
RC 300	Tahara	RWD	JTHHA5BC#H5007739
		AWD	JTHS85BC#J5003968
RC 350		RWD	JTHHE5BC#H5017910
		AWD	JTHSZ5BC#J5008486
GS 300	Motomachi	RWD	JTHBA1BL#JA006753
GS 350			JTHBZ1BL#JA013464
		AWD	JTHCZ1BL#JA008356
GS 450h		RWD	JTHBS1BL#JA002611

### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
473061	R & R Rear Disc Brake Pad, Shim, and Disc (One Side)	Please Refer to FRM for Model-specific Time	04466-30282	36	17
473061A	R & R Rear Disc Brake Pad, Shim, and Disc (Opposite Side)		04466-30312		

#### 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		
04466-30311 04466-30281	04466-30312 04466-30282	Pad Kit, Disc Brake L/Fitting Parts, RR	1
42431-30300 42431-30310		Disc, Rear	2

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### Repair Procedure

1. Test drive the vehicle to verify the condition.

Does the rear brake system exhibit a vibration/squeak condition while braking?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Remove the rear brake disc, pad, and shim.

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

- [2013](#) / [2014](#) / [2015](#) / [2016](#) / [2017](#) / [2018](#) GS 350:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2013](#) / [2014](#) / [2015](#) / [2016](#) / [2017](#) / [2018](#) GS 450h:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2016](#) / [2017](#) GS 200t:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2018](#) GS 300:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2016](#) / [2017](#) IS 200t:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2014](#) / [2015](#) IS 250:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2016](#) / [2017](#) / [2018](#) IS 300:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2014](#) / [2015](#) / [2016](#) / [2017](#) / [2018](#) IS 350:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2015](#) / [2016](#) / [2017](#) / [2018](#) RC 350:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2016](#) / [2017](#) RC 200t:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*
- [2016](#) / [2017](#) / [2018](#) RC 300:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Removal”*

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### Repair Procedure (continued)

3. Install the NEW rear brake disc, pad, and shim.

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

- [2013](#) / [2014](#) / [2015](#) / [2016](#) / [2017](#) / [2018](#) GS 350:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2013](#) / [2014](#) / [2015](#) / [2016](#) / [2017](#) / [2018](#) GS 450h:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2016](#) / [2017](#) GS 200t:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2018](#) GS 300:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2016](#) / [2017](#) IS 200t:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2014](#) / [2015](#) IS 250:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2016](#) / [2017](#) / [2018](#) IS 300:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2014](#) / [2015](#) / [2016](#) / [2017](#) / [2018](#) IS 350:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2015](#) / [2016](#) / [2017](#) / [2018](#) RC 350:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2016](#) / [2017](#) RC 200t:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*
- [2016](#) / [2017](#) / [2018](#) RC 300:  
*Brake – Brake (rear) – “Brake (Rear): Rear Brake: Installation”*

4. Test drive the vehicle to confirm the rear brake condition is no longer present.