

# Brake Squeal/Squeak (AWD F Sport and Non-F Sport)

**Service Category** Brake

**Section** Brake (front)

**Market** USA

Lexus Supports  
ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2017	GS200T, IS200T, RC200T	WMI(s): JTH
2018	GS300	WMI(s): JTH
2013 - 2018	GS350, GS450H	WMI(s): JTH
2016 - 2018	IS300, RC300	WMI(s): JTH
2014 - 2018	IS350	WMI(s): JTH
2015 - 2018	RC350	WMI(s): JTH

## Introduction

Some 2013 – 2018 model year Lexus vehicles AWD F Sport models and non-F Sport models may exhibit a squeal/squeak noise from the front brake pads.

For customers who find this characteristic objectionable, an updated shim kit is now available as a service part.

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BR1805	R & R Front Shim Kit	0.7	04945-30370	36	99

### 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.

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### Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
04945-30370	04945-30360	Shim Kit, Anti Squeal, Front	1

### Repair Procedure

1. Confirm the condition exists.
  - A. Is a squeal/squeak noise present from the front brake pads?
 

**NOTE**

    - Brake squeal may be more likely at slower speeds or in Reverse.
    - Utilize chassis ears if necessary to help identify the source of the noise.

    - YES** — Continue to substep B.
    - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
  - B. Is the vehicle either an AWD F Sport or a Non-F Sport model?
    - YES** — Continue to substep C.
    - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
  - C. Are the brake pads below the minimum specification of 1 mm?
    - YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
    - NO** — Continue to step 2.

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### Repair Procedure (continued)

2. Replace the front brake shim kit.

A. Remove the front pad kits.

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

- [2014 – 2018](#) IS350:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Removal”
- [2016 – 2017](#) IS200t:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Removal”
- [2016 – 2018](#) IS300:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Removal”
- [2013 / 2014](#) GS350:  
*Brake – Brake (front)* – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Removal”
- [2015 / 2016 / 2017 / 2018](#) GS350:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
- [2013 / 2014](#) GS450h:  
*Brake – Brake (front)* – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Removal”
- [2015 / 2016 / 2017 / 2018](#) GS450h:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
- [2016 – 2017](#) GS200t:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
- [2018](#) GS300:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
- [2015 – 2018](#) RC350:  
*Brake – Brake (front)* – “Brake (Front): Front Brake: Removal”
- [2016 – 2017](#) RC200t:  
*Brake – Brake (front)* – “Brake (Front): Front Brake: Removal”
- [2016 – 2018](#) RC300:  
*Brake – Brake (front)* – “Brake (Front): Front Brake: Removal”

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### Repair Procedure (continued)

- B. Install the NEW shim kit and reinstall the front brake pads.

**NOTE**

Clean the pad backing plates BEFORE shim kit installation and grease application.

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

- [2014 – 2018](#) IS350:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Installation”
- [2016 – 2017](#) IS200t:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Installation”
- [2016 – 2018](#) IS300:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Installation”
- [2016 – 2017](#) GS200t:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”
- [2013 / 2014](#) GS350:  
*Brake – Brake (front)* – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Installation”
- [2015 / 2016 / 2017 / 2018](#) GS350:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”
- [2013 / 2014](#) GS450h:  
*Brake – Brake (front)* – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Installation”
- [2015 / 2016 / 2017 / 2018](#) GS450h:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”
- [2018](#) GS300:  
*Brake – Brake (front)* – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”
- [2015 – 2018](#) RC350:  
*Brake – Brake (front)* – “Brake (Front): Front Brake: Installation”
- [2016 – 2017](#) RC200t:  
*Brake – Brake (front)* – “Brake (Front): Front Brake: Installation”
- [2016 – 2018](#) RC300:  
*Brake – Brake (front)* – “Brake (Front): Front Brake: Installation”

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### Repair Procedure (continued)

3. Road-test the vehicle to confirm proper brake operation and that the condition is no longer present.