

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 - 2019	GS300	WMI(s): JTH
2013 - 2020	GS350	WMI(s): JTH
2013 - 2018	GS450H	WMI(s): JTH
2016 - 2020	IS300, RC300	WMI(s): JTH
2014 - 2020	IS350	WMI(s): JTH
2015 - 2020	RC350	WMI(s): JTH

REVISION NOTICE

March 10, 2020 Rev1:

- **Applicability has been updated to include 2019 – 2020 model year Lexus vehicles.**
- **The Introduction and Repair Procedure sections have been updated.**

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2013 – 2020 model year Lexus AWD F Sport and non-F Sport model vehicles 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.

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	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.

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 ChassisEAR™, or equivalent, 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 – 2020](#) 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 – 2020](#) 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 – 2020](#) 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 – 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 – 2019](#) GS300:
Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
- [2015 – 2020](#) RC350:
Brake – Brake (front) – “Brake (Front): Front Brake: Removal”
- [2016 – 2017](#) RC200t:
Brake – Brake (front) – “Brake (Front): Front Brake: Removal”
- [2016 – 2020](#) 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 – 2020](#) 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 – 2020](#) 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 – 2020](#) 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 – 2018](#) GS450h:
Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”
- [2018 – 2019](#) GS300:
Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”
- [2015 – 2020](#) RC350:
Brake – Brake (front) – “Brake (Front): Front Brake: Installation”
- [2016 – 2017](#) RC200t:
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.