

L-TCI-5173

September 17, 2018



Technical Service Bulletin

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

Service

Category Brake

Section Brake (front)

Market Canada

APPLICABILITY:

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 – 2017	IS200T	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	OFP	CLAIM TYPE	T1	T2
BR1809	R & R Front Shim Kit	0.7	04945-30370	VE	36	99

APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months from the vehicle's warranty registration date or 80,000 kilometres, whichever occurs first.
- 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 sub step 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 sub step 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:

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 – 2018 GS350:
Brake – Brake (front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Removal”
- 2013 – 2018 GS450h:
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 – 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”
 - 2013 – 2018 GS350:
Brake – Brake (front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Installation”
 - 2013 / 2018 GS450h:
Brake – Brake (front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Installation”
 - 2015 – 2018 RC350:
Brake – Brake (front) – “Brake (Front): Front Brake: Installation”
 - 2016 – 2018 RC300:
Brake – Brake (front) – “Brake (Front): Front Brake: Installation”
3. Road-test the vehicle to confirm proper brake operation and that the condition is no longer present.

NOTE:

Issue of this Technical Service Bulletin is to ensure that proper repair information is available. IT DOES NOT CONSTITUTE AN AUTHORIZATION FOR REPAIR. Normal provisions of the formal warranty policy, as applicable, will apply.