


Standard / Luxury Grade Front Brake Squeak (AWD)

Service
Category Brake

Section Brake (front)

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	GS350	

REVISION NOTICE

July 12, 2016 Rev2:

- Applicability has been updated to remove GS 450h model.
- Please refer to [L-SB-0023-14](#) for GS 350 2WD and GS 450h applicable vehicles.

May 29, 2013 Rev1:

- Applicability has been updated to include 2013 model year GS 450h vehicles.
- Introduction and Warranty Information have been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some Standard/Luxury grade AWD GS 350 vehicles may exhibit a front brake squeak while traveling at low speeds. A new brake pad kit is available to reduce the likelihood of this condition occurring. Use the following repair procedure 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
GS 350	Tahara	AWD	JTHCE1BL#D5 [REDACTED]

Warranty Information

OP CODE	DESCRIPTION	TIME	OPF	T1	T2
473301	R & R Front Disc Brake Pad	0.7	04465-30470	36	41

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Warranty Information (Continued)

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
04465-30510	Pad Kit, Disc Brake, Front	1

Repair Procedure

1. Conduct a road test to verify the noise condition. Noise usually occurs during stops with light pressure applied to the brake pedal.
2. Did the front brake system exhibit a squeak or squeal noise?
 - **YES** — Continue to step 3 for the front brake disc replacement.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
3. Remove the front brake pad.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- [2013](#) GS 350:
Brake – Brake (Front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Removal”

4. Inspect the front disc as described in the Repair Manual.

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

- [2013](#) GS 350:
Brake – Brake (Front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Inspection”

- A. If the runout is more than the maximum (0.05 mm [0.00197 in.]), change the installation position of the disc to minimize runout.
- B. If the runout is more than the maximum even when the installation position is changed, machine the disc.
- C. If the disc thickness is less than the minimum (27.0 mm [1.06 in.]), replace the front disc.
- D. If the runout and disc thickness are within the maximum and minimum, continue to step 5.

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Repair Procedure (Continued)

5. Install the front brake pad.

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

- [2013](#) GS 350:
Brake – Brake (Front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Installation”

6. Road test the vehicle to confirm the front brake squeak is no longer present.