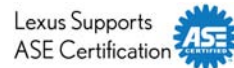


# Front Brake Squeak

Service Category Brake

Section Brake (front)

Market USA



## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2008	IS250	WMI(s): JTH

### TSIB REVISION NOTICE

March 9, 2009 Rev2:

- Applicability has been updated to include 2008 model year vehicles.

December 22, 2008 Rev1:

- Production Change Information has been added.

Any previous printed versions of this service bulletin should be discarded.

### TSIB SUPERSESSION NOTICE

The information contained in this TSIB supersedes TSIB No. BR001-07.

- The OFP number in the Warranty Information section has been changed from 43512-30310 to 04465-53020.

TSIB No. BR001-07 is Obsolete and any printed versions should be discarded. Be sure to review the entire content of this service bulletin before proceeding.

## Introduction

Some customers may experience front brake squeak noise when slowly coming to a stop. Updated front disc brake pads, grease, and a fitting kit are available to improve this condition. Use the following repair procedure to address this concern.

## Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
N/A	04007-35153	Front Disc Brake Pad Kit	1

## Front Brake Squeak

### Production Change Information

This TSIB applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	DRIVETRAIN	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
IS250	2WD	TMK	JTHBK262#82059179
	4WD		JTHCK262#82020167
	2WD	Tahara	JTHBK262#85052991
	4WD		JTHCK262#85016491

### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
473301	Front Disc Brake Pad and/or Disc Brake Pad Shim (Both Sides)	0.6	04465-53020	91	13

#### APPLICABLE WARRANTY

- This repair is covered under the Lexus Comprehensive 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 correction of a problem based upon a customer's specific complaint.

### Repair Procedure

1. Conduct a road test to verify the noise condition — noise usually occurs when slowly coming to a stop with light pressure applied to the brake pedal.
2. Remove and replace the front disc brake pads and fitting kit.

#### NOTE

This procedure is for the LH side. Perform the same procedure for the RH side.

- A. Remove the front wheel.
- B. Remove the top caliper mounting bolt.
- C. Remove the front brake pads (qty 2) with the front disc brake anti-squeal shims No. 1 (qty 2) and No. 2 (qty 2) and the brake pad wear indicator plates (qty 2) from the caliper assembly.
- D. Remove the lower inner and outer No. 1 front disc brake pad support clips (qty 2) and the upper inner and outer No. 2 front disc brake pad support clips (qty 2) from the caliper assembly.
- E. Clean the surface on the caliper assembly where the lower and upper inner and outer No. 1 and No. 2 front disc brake pad support clips are installed.

## Front Brake Squeak

### Repair Procedure (Continued)

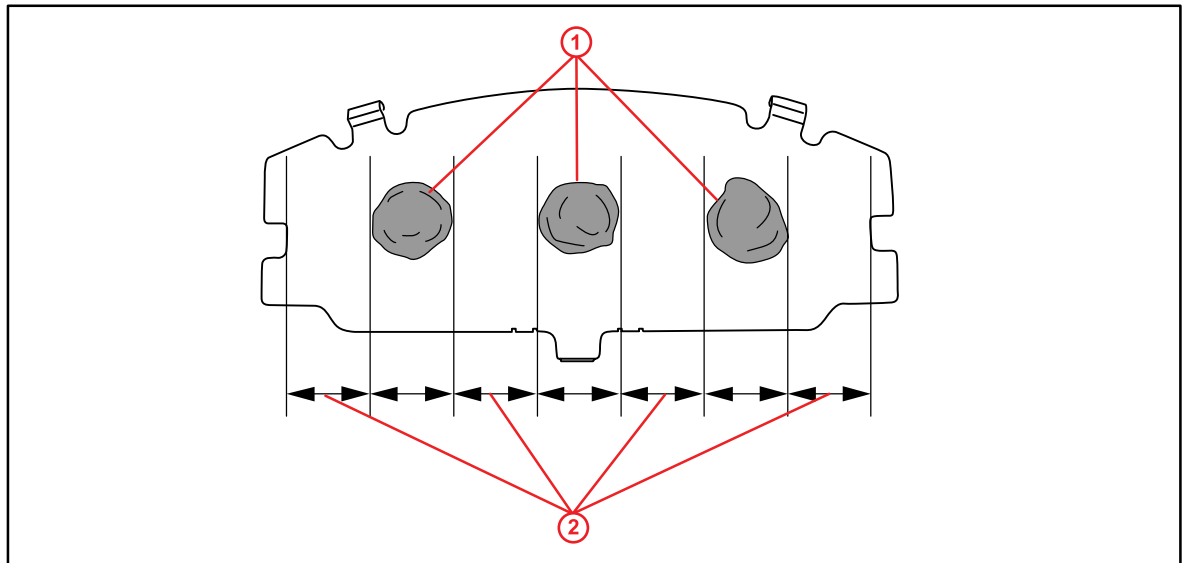
- F. Install the new lower and upper inner and outer No. 1 (qty 2) and No. 2 (qty 2) front disc brake pad support clips onto the caliper assembly.

**NOTE**

The new lower inner No. 1 front disc brake pad support clip is insulated with bonding tape, and it is important that it is installed in the lower inner caliper assembly.

- G. Clean the No. 1 (qty 2) and No. 2 (qty 2) anti-squeal shims.
- H. Apply disc brake grease to the back of the No. 2 (qty 2) anti-squeal shims.

Figure 1.



<b>1</b>	Each Grease Application Should be Approximately 10 mm (0.39 in.) in Diameter
<b>2</b>	Spaced Approximately 10 mm (0.39 in.) From Edge & Between Each Grease Application

- I. Install the anti squeal shims No. 1 (qty 2) and No. 2 (qty 2) and the NEW pad wear indicator plates onto the NEW brake pads.
  - J. Install the NEW brake pads onto the caliper assembly.
  - K. Reinstall the caliper assembly and torque the upper mounting bolt.  
**Torque: 34 N\*m (350 kgf\*cm, 25 ft\*lbf)**
  - L. Press the brake pedal 3 to 5 times to spread the grease between the shims once all components have been installed.
3. Road test the vehicle to confirm the front brake “squeak” is NO longer present.