

Front Brake Squeak

Service
Category Brake

Section Brake (front)

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2007	IS250	WMI(s): JTH

TSIB REVISION NOTICE

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TSIB No. BR001–07 is Obsolete and any printed versions should be discarded.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.

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
IS250	4WD		JTHCK262#82020167
IS250	2WD	Tahara	JTHBK262#85052991
IS250	4WD		JTHCK262#85016491

Front Brake Squeak

Parts Information

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

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.
- 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.

Front Brake Squeak

Repair Procedure (Continued)

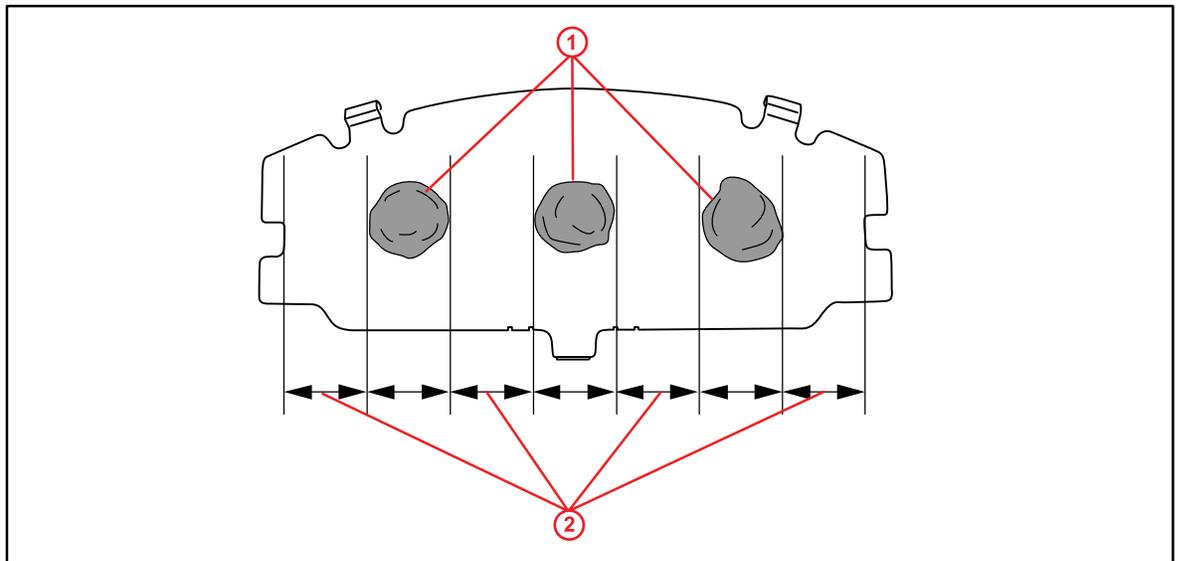
NOTE

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.



1	Each Grease Application Should be Approximately 10 mm (0.39 in.) in Diameter
2	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.