



**Technical Service
Information Bulletin**

November 6, 2007

Title:

REAR BRAKE SQUEAK AND/OR PREMATURE PAD WEAR

Models:

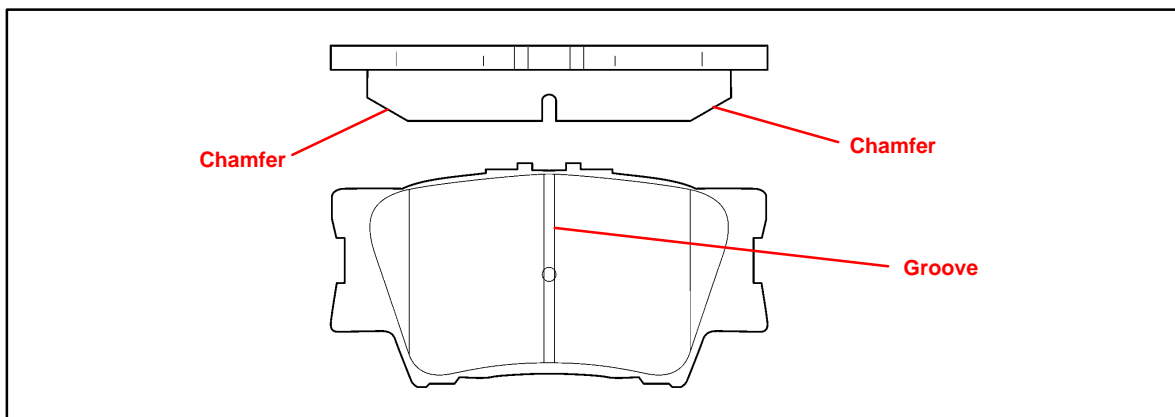
'07 – '08 ES 350

BR002-07
BRAKES

TSIB UPDATE NOTICE:

The information contained in this TSIB supersedes TSIB No. BR004-06. TSIB No. BR004-06 is now obsolete and should be discarded.

Introduction Some 2007 – 2008 model year ES 350 customers may experience premature rear brake pad wear and/or rear brake noise when moving slowly (less than 10 mph [16 km/h]) with low pressure applied to the brake pedal. A new rear brake pad has been developed to reduce pad wear and/or rear brake squeak.



- Applicable Vehicles**
- **2007 – 2008** model year **ES 350** vehicles produced **BEFORE** the Production Change Effective VIN shown below.

**Production
Change
Information**

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
ES 350	Kyushu	JTHBJ46G#82181050

**Warranty
Information**

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
473311	Rear Disc Brake Pad and/or Disc Brake Pad Shim (Both Sides)	0.7	42431–33130	36	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.



Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
04466-33160	04466-06090	Pad Kit, Disc Brake, Rear	1
04948-33030	04948-06031	Fitting Kit, Disc Brake, Rear	1
N/A	08887-80609	Disc Brake Caliper Grease (50 g Tube)	1
04946-33040	04946-06070	Shim Kit, Disc Brake, Rear (If Needed)	1

Repair Procedure

1. Conduct a road test to verify the rear brake squeak.
The condition usually occurs when backing up during light brake pedal pressure.
2. Remove and replace the rear disc brake pad support plate (2 per each rear caliper), the rear disc brake pads, and/or anti-squeal shims.
 - A. Remove the rear wheel.

NOTE:
Use the same procedures for the RH side and LH side.

- B. Remove the rear disc brake caliper assembly by holding the 2 rear disc brake caliper slide pins and removing the 2 bolts.
- C. Remove the 2 rear disc brake pads with the anti-squeal shims.
- D. Remove the 2 anti-squeal shims and the 2 pad wear indicator plates from each pad.
- E. Remove the No. 1 rear disc brake pad support plate.
 - a. Remove the No. 1 rear disc brake pad support plate from the rear disc brake caliper mounting.
 - b. Clean the area where the support plate sits.
- F. Remove the No. 2 rear disc brake pad support plate.
 - a. Remove the No. 2 rear disc brake pad support plate from the rear disc brake caliper mounting.
 - b. Clean the area where the support plate sits.
- G. Install the No. 1 rear disc brake pad support plate to the rear disc brake caliper mounting.
- H. Install the No. 2 rear disc brake pad support plate to the rear disc brake caliper mounting.

Repair Procedure
(Continued)

- I. Install the rear anti-squeal shim kit.
 - a. Apply disc brake grease to the inside of the anti-squeal shims.

NOTE:

- When replacing worn pads, the anti-squeal shims **MUST** be replaced together with the pads.
- If pads are worn out, then inspect anti-squeal shims for heat discoloration.
- Apply disc brake grease to the area that contacts the anti-squeal shim.
- Disc brake grease can come out slightly from the area where the anti-squeal shim is installed.
- *Make sure that disc brake grease is **NOT** applied onto the lining surface.*

- b. Install the 2 anti-squeal shims and the pad wear indicators to each of the 2 brake pads.

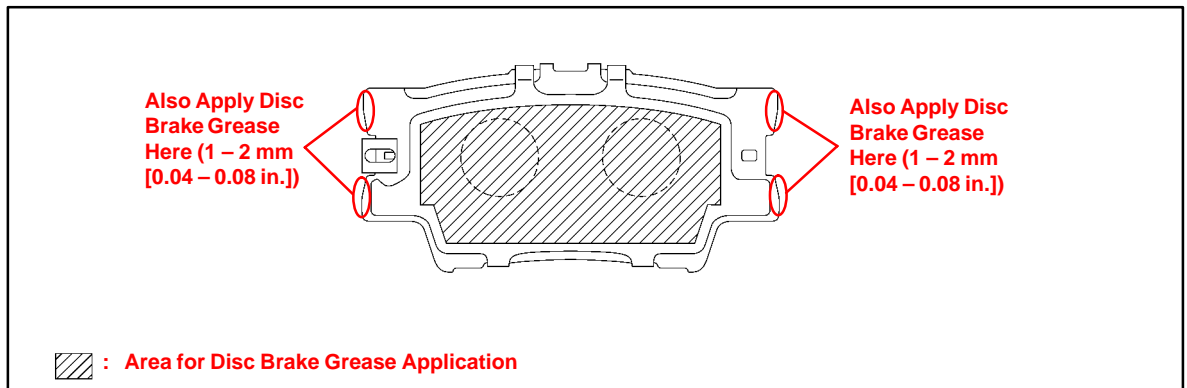
NOTE:

Install the pad wear indicator and anti-squeal shims in the correct positions.

- c. Apply a small amount of the disc brake grease (1 – 2 mm [0.04 – 0.08 in.] thick) to the areas shown in the illustration.

NOTE:

Do **NOT** apply grease to the friction surfaces of the brake pads or the disc rotor.



- J. Install the 2 rear disc brake pads with anti-squeal shim kit.
- K. Install the rear disc brake caliper assembly with the 2 bolts.
Torque: 62 N•m (630 kgf•cm, 46 ft•lbf)

NOTE:

Do **NOT** twist the brake hose when installing the rear disc brake caliper assemblies.

- L. Install the rear wheel.
- 3. Road test the vehicle to confirm the condition has been corrected.