



Technical Service Information Bulletin

November 8, 2006

Title:

REAR BRAKE SQUEAK

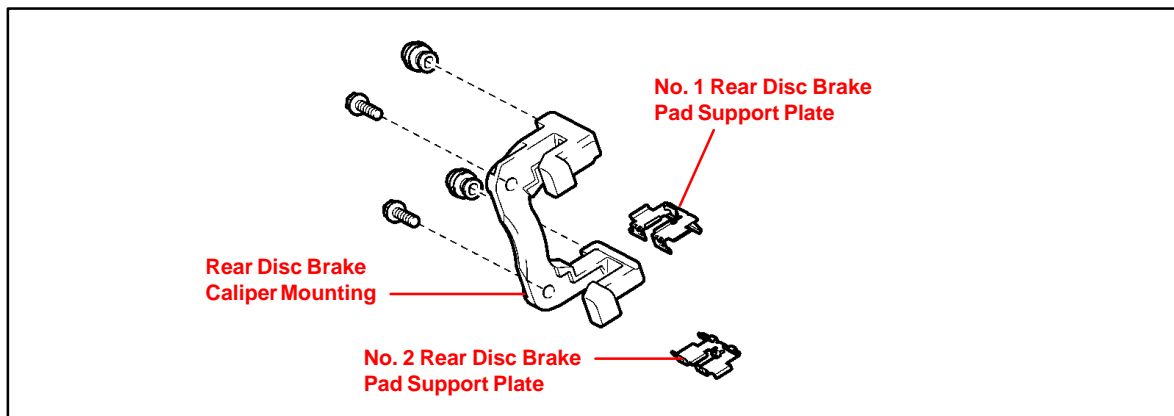
Models:

'07 ES 350

BR004-06

BRAKES

Introduction Some customers may experience rear brake squeak noise when moving forward slowly (less than 10 mph [16 km/h]) with low pressure applied to the brake pedal. Updated rear disc brake pad support plates (fitting kit) are available to improve this condition.



Applicable Vehicles

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

Production Change Information

MODEL	PRODUCTION CHANGE EFFECTIVE VIN
ES 350	JTHBJ46G#72032711

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
473311	Rear Disc Brake Pad and/or Disc Brake Pad Shim (Both Sides)	0.7	47816-33210	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.



Lexus Supports ASE Certification

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
N/A	04948–06030	Fitting Kit, Disc Brake, Rear	1
N/A	08887–80609	Disc Brake Caliper Grease (50 g Tube)	1

Repair Procedure

1. Conduct a road test to verify the noise condition (noise usually occurs when the car is traveling forward with light brake pedal application).
2. Remove and replace the rear disc brake pad support plate (2 per each rear caliper).
 - 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 rear anti-squeal shim kit.
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.
- 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.
- 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.*

Repair Procedure (Continued)

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

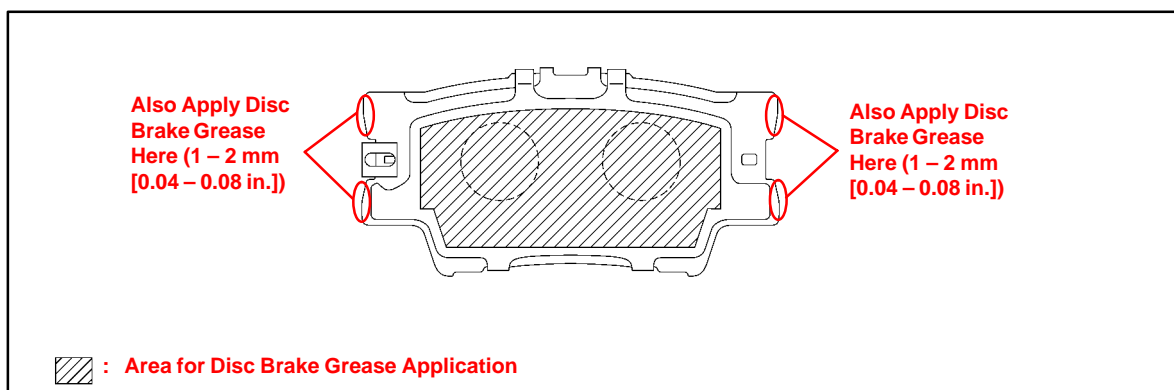
NOTE:

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

- 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.
Torque: 103 N•m (1,050 kgf•cm, 76 ft•lbf)
- M. Road test the vehicle to confirm the rear brake squeak noise is NO longer present.