

# Front Brake Squeal Noise

Service  
Category Brake

Section Brake (front)

Market USA



## Applicability

| YEAR(S)     | MODEL(S) | ADDITIONAL INFORMATION |
|-------------|----------|------------------------|
| 2024 - 2026 | GX550    |                        |
| 2022 - 2026 | LX600    |                        |
| 2025 - 2026 | LX700H   |                        |

### REVISION NOTICE

July 1, 2026 Rev2:

- The Warranty Information, Parts Information, and Repair Procedure sections have been updated.

February 11, 2026 Rev1:

- The Parts Information section has been updated.

Any previous printed versions of this bulletin should be discarded.

### SUPERSESSON NOTICE

The information contained in this bulletin supersedes Service Bulletin No. L-SB-0036-24.

- Applicability has been updated to include 2025 – 2026 model year LX 700h and 2026 model year GX 550 and LX 600 vehicles.
- The Introduction and Repair Procedure sections have been updated.

Service Bulletin No. L-SB-0036-24 is obsolete and any printed versions should be discarded.

## Introduction

Some 2022 – 2026 model year LX 600, 2024 – 2026 model year GX 550, and 2025 – 2026 model year LX 700h vehicles may exhibit a condition where the front brakes produce a squealing noise when driving forward or in reverse. Follow the Repair Procedure in this bulletin to reduce the possibility of this condition.

## Front Brake Squeal Noise

### Warranty Information

| OP CODE | DESCRIPTION                                                  | TIME | OFP         | T1 | T2 |
|---------|--------------------------------------------------------------|------|-------------|----|----|
| BR2505  | R & R Front LH & RH Shim Kit, Brake Pad Kit, and Front Discs | 1.4  | 43512-60290 | 91 | 99 |

#### 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 |
|--------------|--------------------------------------|----------------------------------------------------|-----|
| PREVIOUS     | NEW                                  |                                                    |     |
| 43512-60290  | 43512-0C040**<br>Or<br>43512-0C031** | Disc, Front                                        | 2   |
| 04465-34040  | 04465-34050**<br>Or<br>04465-60400** | Pad Kit Disc Brake, Front                          | 1   |
| 04945-0C060  | 04945-34010                          | Shim Kit, Anti Squeal, Front                       | 1   |
| 04947-60150  | 04947-0C030**                        | Fitting Kit, Disc Brake Front (Anti-rattle Spring) | 1   |
| 08887-80609* |                                      | Brake Caliper Grease                               | 1   |

\*Brake caliper grease is a common service consumable. Verify the dealership stock BEFORE ordering. The amount of grease supplied in a single order of brake caliper grease is sufficient to repair 10 vehicles.

\*\*Only one part is necessary. Both part numbers are interchangeable components; either one can be used.

### Required Tools & Equipment

| REQUIRED TOOLS & MATERIAL            | PART NUMBER                | QTY |
|--------------------------------------|----------------------------|-----|
| Disc Brake Piston Spreader Wide Type | 09719-77020<br>09719-77050 | 1   |

#### NOTE

Additional SSTs may be ordered by calling 1-800-368-6787 or by visiting *Home – Service Resources – Lexus Special Service Tools (SSTs)*.

## Front Brake Squeal Noise

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### Repair Procedure

1. Confirm the condition exists.

Does the vehicle exhibit a condition where the front brakes produce a squealing noise when driving forward or in reverse?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Remove the tire and wheel, disc, pad, shim kit, and anti-rattle spring.

A. Remove the tire and wheel.

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

- [2024 – 2026](#) GX 550:  
*General – Maintenance – Tire and Wheel – Removal*
- [2022 – 2026](#) LX 600 and LX 700h:  
*General – Maintenance – Tire and Wheel – Removal*

B. Remove the front disc brake pad.

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

- [2024 – 2026](#) GX 550:  
*General – Maintenance – Front Disc Brake Pad – Removal*
- [2022 – 2024](#) LX 600:  
*General – Maintenance – Front Disc Brake Pad – Removal*
- [2025 – 2026](#) LX 600 and LX 700h:  
*General – Maintenance – Front Disc Brake Pad – Removal*

C. Remove the front brake.

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

- [2024 – 2026](#) GX 550:  
*Brake – Brake (Front) – Front Brake – Removal*
- [2022 – 2024](#) LX 600:  
*Brake – Brake (Front) – Front Brake – Removal*
- [2025 – 2026](#) LX 600 and LX 700h:  
*Brake – Brake (Front) – Front Brake – Removal*

## Front Brake Squeal Noise

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### Repair Procedure (continued)

3. Install the NEW rotor.

**NOTE**

The new rotor part number 43512-0C040 features a gold dot identifier on the hat surface; this identifier may be disregarded.

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

- [2024 – 2026](#) GX 550:  
*Brake – Brake (Front) – Front Brake – Installation*
- [2022 – 2024](#) LX 600:  
*Brake – Brake (Front) – Front Brake – Installation*
- [2025 – 2026](#) LX 600 and LX 700h:  
*Brake – Brake (Front) – Front Brake – Installation*

4. Assemble the brake pad and shim kit.

A. Brake Pad < Shim No.1 < Shim No.2

B. Shim No.2 has directional arrow.

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

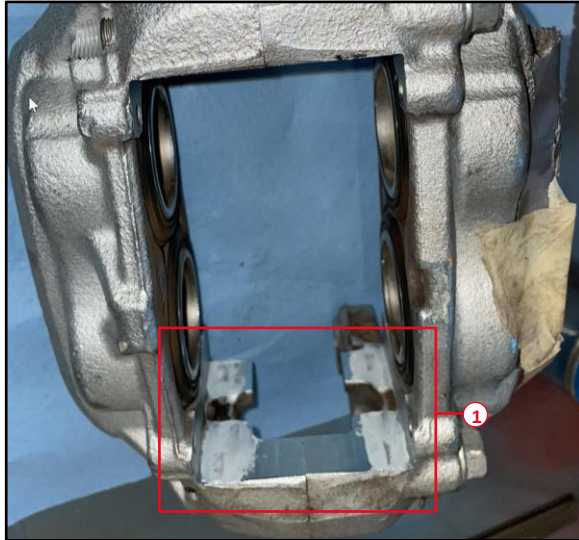
- [2024 – 2026](#) GX550:  
*Maintenance – Front Disc Brake Pad – Installation*
- [2022 – 2024](#) LX600:  
*Maintenance – Front Disc Brake Pad – Installation*
- [2025 – 2026](#) LX600, LX700H:  
*Maintenance – Front Disc Brake Pad – Installation*

## Front Brake Squeal Noise

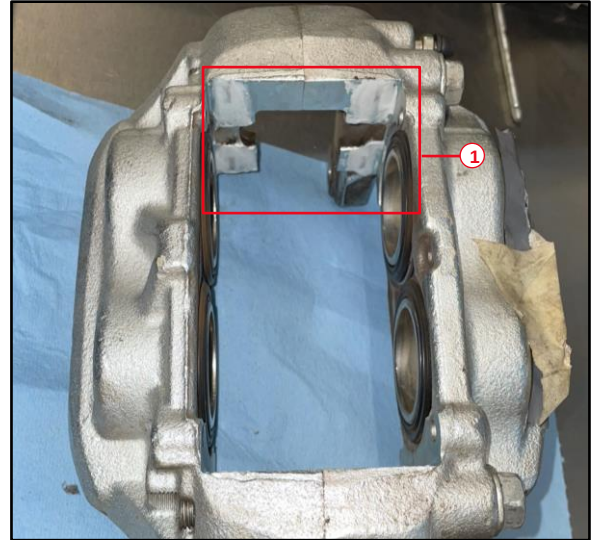
### Repair Procedure (continued)

5. Apply brake caliper grease to the cylinder (caliper) areas shown in Figures 1 and 2.

**Figure 1.**



**Figure 2.**



|   |                            |
|---|----------------------------|
| 1 | Area of Grease Application |
|---|----------------------------|

## Front Brake Squeal Noise

### Repair Procedure (continued)

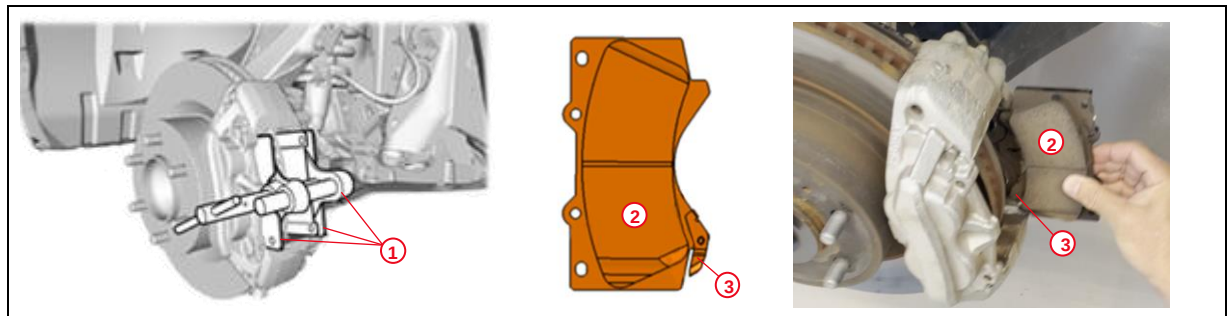
6. Install the front disc brake pad kit.

Using the disc brake piston spreader wide type, push back the front disc brake pistons, and install the brake pad with the wear indicator and shims inside the caliper as shown in Figure 3. Ensure the brake pads orientation match using the stamped identifications on the pad backing plate in Figure 4 and Figure 5.

#### NOTE

The brake pad with the wear indicator is the inner pad and the brake pad without the wear indicator is the outer pad.

**Figure 3. Brake Pad Installation**

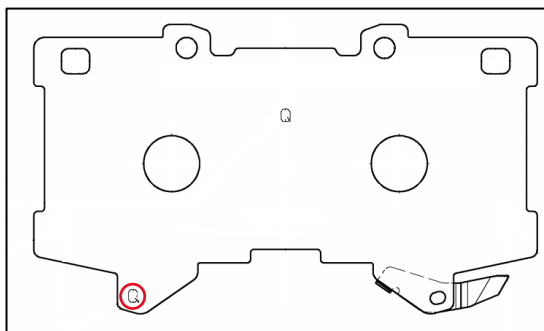


|          |                                             |
|----------|---------------------------------------------|
| <b>1</b> | <b>Disc Brake Piston Spreader Wide Type</b> |
| <b>2</b> | <b>Brake Pad with Wear Indicator</b>        |
| <b>3</b> | <b>Wear Indicator</b>                       |

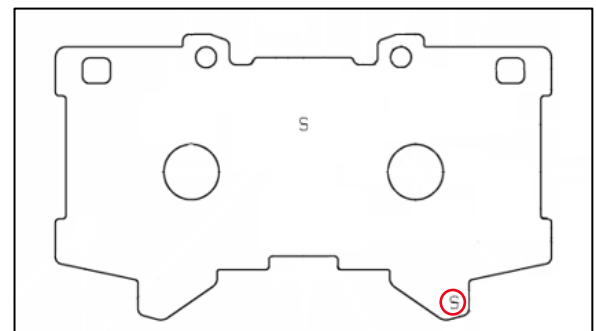
The brake pads are paired according to the markings shown in the table below.

| LEFT-HAND PAD (DRIVER) |                        | RIGHT-HAND PAD (PASSENGER) |           |
|------------------------|------------------------|----------------------------|-----------|
| OUTER PAD              | INNER PAD W/ INDICATOR | INNER PAD W/ INDICATOR     | OUTER PAD |
| T or Z                 | R or B                 | Q or A                     | S or Y    |

**Figure 4. Inner Pad**



**Figure 5. Outer Pad**



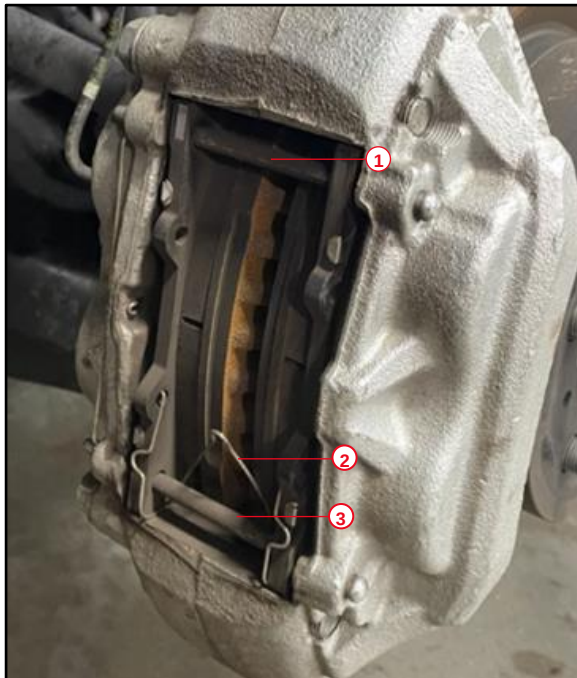
|  |              |
|--|--------------|
|  | <b>Stamp</b> |
|--|--------------|

## Front Brake Squeal Noise

### Repair Procedure (continued)

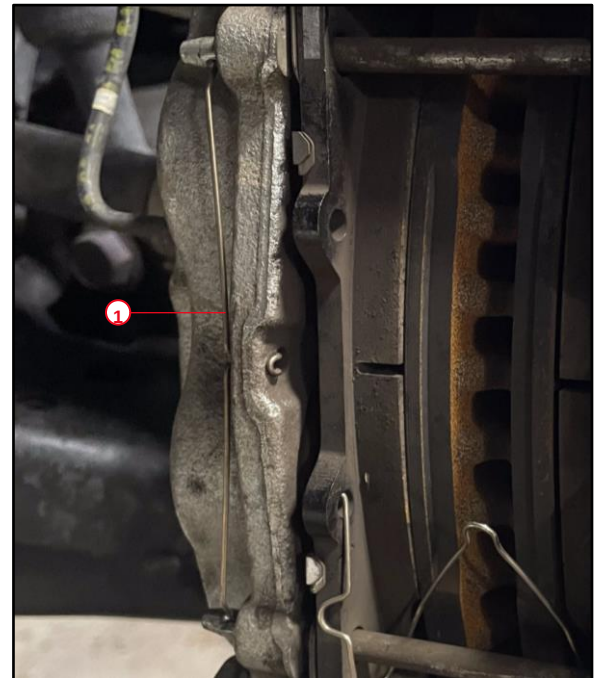
7. Install the anti-rattle kit.
  - A. Install the front disc brake anti-rattle pin with a hole (upper side).
  - B. Install the NEW brake anti-rattle spring, then install the front disc brake anti-rattle pin with hole (lower side) as shown in Figure 6.
  - C. Install the pin hold clip to the front disc brake anti-rattle pin with hole and engage the hook to the disc brake cylinder assembly as shown in Figure 7.
  - D. Discard the OLD brake anti-rattle spring.

**Figure 6.**



|          |                                               |
|----------|-----------------------------------------------|
| <b>1</b> | Front Disc Brake Anti-rattle Pin (Upper Side) |
| <b>2</b> | New Brake Anti-rattle Spring                  |
| <b>3</b> | Front Disc Brake Anti-rattle Pin (Lower Side) |

**Figure 7.**



|          |               |
|----------|---------------|
| <b>1</b> | Pin Hold Clip |
|----------|---------------|

## Front Brake Squeal Noise

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### Repair Procedure (continued)

8. Install the tire and wheel.

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

- [2024 – 2026](#) GX 550:

*General – Maintenance – Tire and Wheel – Installation*

- [2022 – 2026](#) LX 600 and LX 700h:

*General – Maintenance – Tire and Wheel – Installation*

9. Test-drive the vehicle and brake at low speeds driving forward and in reverse to confirm the condition is no longer present.