

Front Brake Squeal Noise

Service
Category Brake

Section Brake (front)

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2023 - 2026	Sequoia HV	
2022 - 2026	Tundra, Tundra HV	

REVISION NOTICE

July 1, 2026 Rev2:

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

November 19, 2025 Rev1:

- Applicability has been updated to include 2026 model year Sequoia Hybrid, Tundra, and Tundra Hybrid vehicles.
- The Introduction and Repair Procedure sections have been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2022 – 2026 model year Tundra, Tundra Hybrid, and 2023 – 2026 model year Sequoia Hybrid 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
BR2501	R & R Front LH & RH Shim Kit, Brake Pad Kit, and Front Discs	1.4	04465-02580	91	99

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 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		
43512-0C030	43512-0C040** Or 43512-0C031**	Disc, Front	2
04465-34040	04465-34050** Or 04465-60400**	Pad Kit Disc Brake, Front	1
04945-0C060	04945-34010	Shim Kit, Anti Squeal, Front	1
04947-02190	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 09719-77050	1

NOTE

Additional SSTs may be ordered by calling 1-800-368-6787 or by visiting
Home – Service Resources – Toyota Tools and Equipment Program.

Front Brake Squeal Noise

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:

- [2022 – 2026](#) Tundra and Tundra HV:
General – Maintenance – Tire and Wheel – Removal
- [2023 – 2026](#) Sequoia HV:
General – Maintenance – Tire and Wheel – Removal

- B. Remove the front disc brake pad.

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

- [2022 – 2024](#) Tundra and Tundra HV:
General – Maintenance – Front Disc Brake Pad – Removal
- [2025 – 2026](#) Tundra and Tundra HV:
General – Maintenance – Front Disc Brake Pad – Removal
- [2023 – 2026](#) Sequoia HV:
General – Maintenance – Front Disc Brake Pad – Removal

- C. Remove the front brake.

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

- [2022 – 2024](#) Tundra and Tundra HV:
Brake – Brake (Front) – Front Brake – Removal
- [2025 – 2026](#) Tundra and Tundra HV:
Brake – Brake (Front) – Front Brake – Removal
- [2023 – 2026](#) Sequoia HV:
Brake – Brake (Front) – Front Brake – Removal

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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:

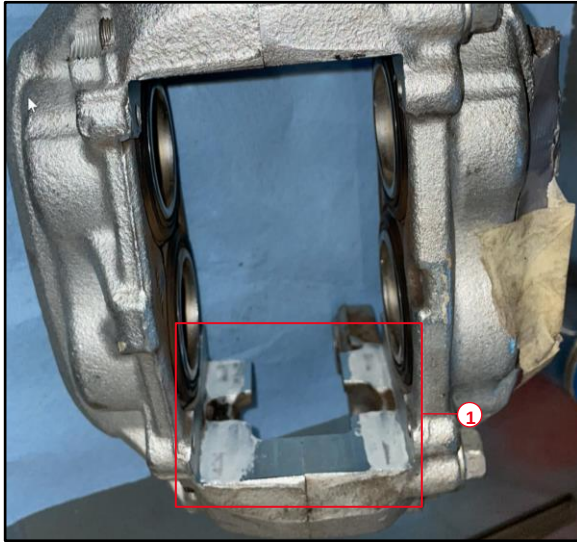
- [2022 – 2026](#) Tundra and Tundra HV:
Brake – Brake (Front) – Front Brake – Installation
 - [2023 – 2026](#) Sequoia HV:
Brake – Brake (Front) – Front Brake – Installation
-
4. Assemble the brake pad and shim kit.
 - A. Brake Pad < Shim No.1 < Shim No.2
 - B. Shim No.2 has directional arrow.
 - [2022 – 2026](#) Tundra and Tundra HV:
Maintenance – Front Disc Brake Pad – Installation
 - [2023 – 2026](#) Sequoia HV:
Maintenance – Front Disc Brake Pad – Installation

Front Brake Squeal Noise

Repair Procedure (continued)

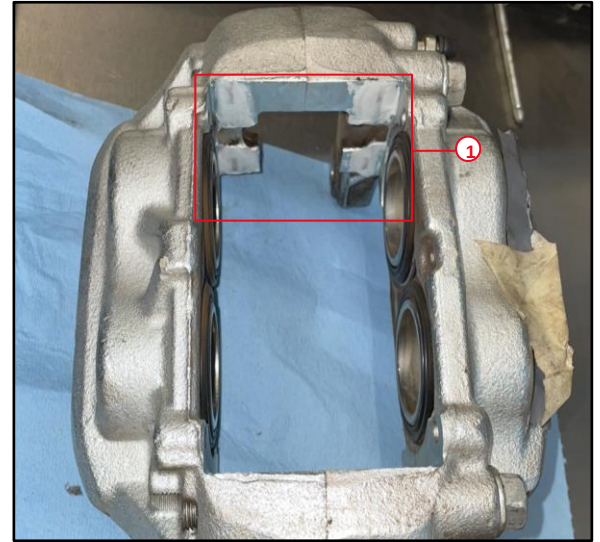
5. Apply brake caliper grease to the cylinder (caliper) areas shown in Figures 1 and 2.

Figure 1.



1	Area of Grease Application
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Figure 2.



1	Area of Grease Application
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Front Brake Squeal Noise

Repair Procedure (continued)

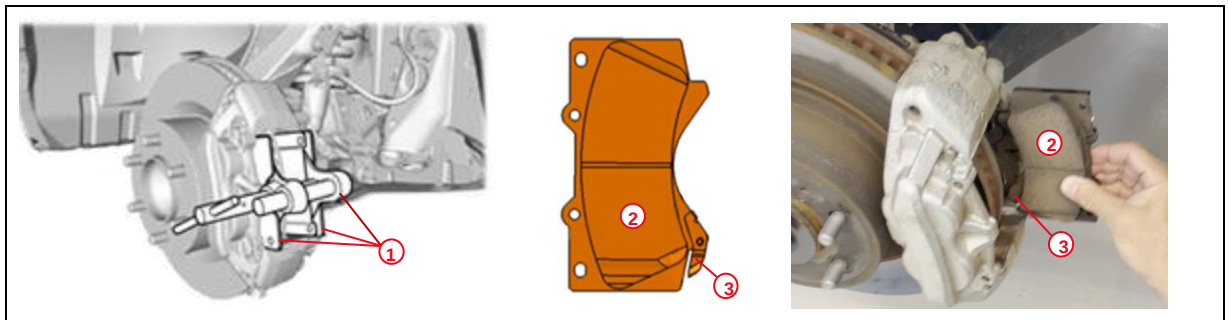
6. Install the front disc brake pad kit.

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



1	Disc Brake Piston Spreader Wide Type
2	Brake Pad with Wear Indicator
3	Wear Indicator

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

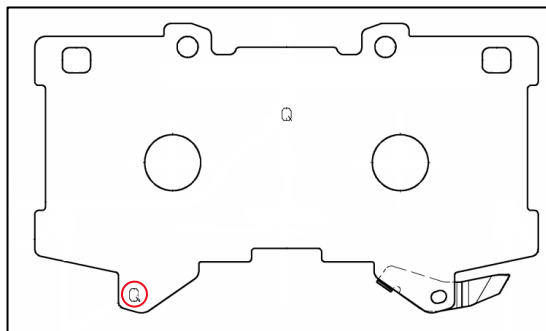
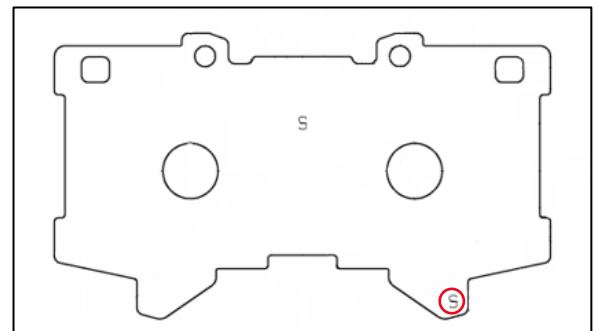


Figure 5. Outer Pad



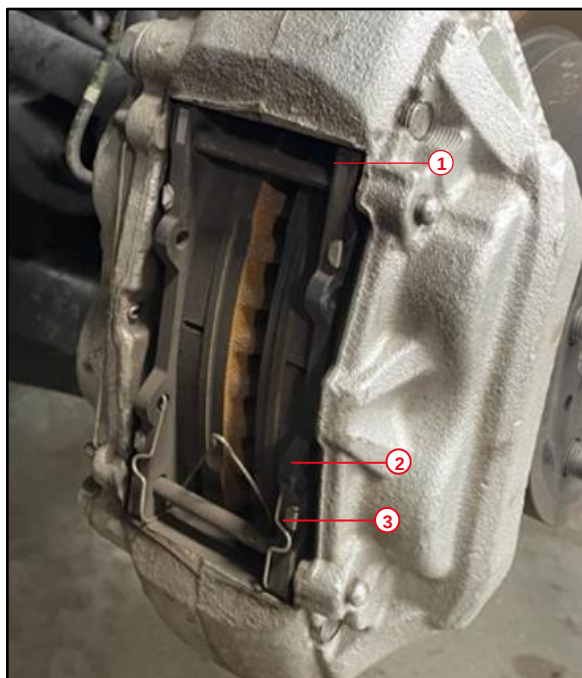
Stamp

Front Brake Squeal Noise

Repair Procedure (continued)

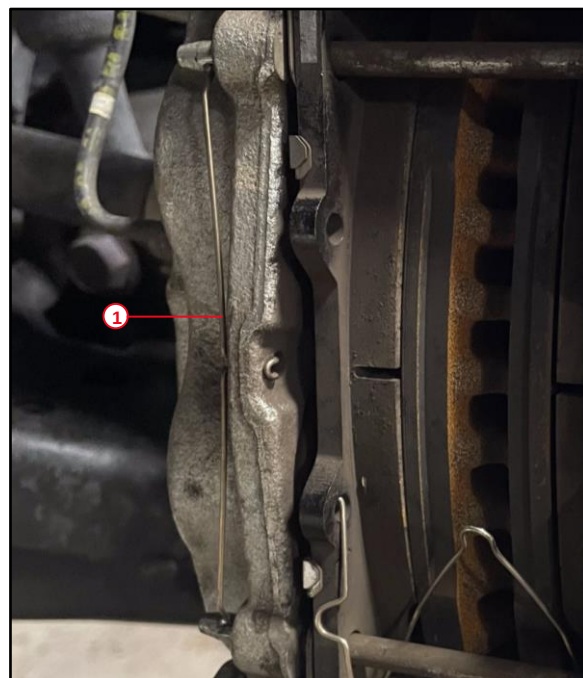
7. Install the anti-rattle kit.
 - A. Install the front disc brake anti-rattle pin with a hole (upper side).
 - B. Install the NEW brake anti-rattle spring, then install the front disc brake anti-rattle pin with hole (lower side) as shown in Figures 6 and 7.
 - C. Install the pin hold clip to the front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



1	Front Disc Brake Anti-rattle Pin (Upper Side)
2	New Brake Anti-rattle Spring
3	Front Disc Brake Anti-rattle Pin (Lower Side)

Figure 7.



1	Pin Hold Clip
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Repair Procedure (continued)

8. Install the tire and wheel.

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

- [2022 – 2026](#) Tundra and Tundra HV:
General – Maintenance – Tire and Wheel – Installation
- [2023 – 2026](#) Sequoia HV:
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.