

Front Brake Squeal Noise

Service Category Brake

Section Brake (front)

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2023 - 2025	Sequoia HV	
2022 - 2025	Tundra, Tundra HV	

SUPERSESSION NOTICE

- The information contained in this bulletin supersedes Service Bulletin No. T-SB-0043-24.
- Applicability has been updated to include 2025 model year Sequoia Hybrid, Tundra, and Tundra Hybrid vehicles.
 - The Repair Procedure section has been updated.
- Service Bulletin No. T-SB-0043-24 is obsolete and any printed versions should be discarded.

Introduction

Some 2023 – 2025 model year Sequoia Hybrid, and 2022 – 2025 model year Tundra and Tundra 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	1.8	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	Disc, Front	2
04465-02580	04465-34040	Pad Kit Disc Brake, Front	1
04945-02330	04945-0C060	Shim Kit, Anti Squeal, Front (Grease Included)	1
04947-02190	04947-0C030	Fitting Kit, Disc Brake Front (Anti-rattle Spring)	1
08887-80609		Brake Caliper Grease	1

NOTE

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

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 Special Service Tools (SSTs)*.

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 – 2025](#) Tundra and Tundra HV:
General – Maintenance – Tire and Wheel – Removal
- [2023 – 2025](#) Sequoia HV:
General – Maintenance – Tire and Wheel – Removal

- B. Remove the front disk 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](#) Tundra and Tundra HV:
General – Maintenance – Front Disc Brake Pad – Removal
- [2023 – 2025](#) 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](#) Tundra and Tundra HV:
Brake – Brake (Front) – Front Brake – Removal
- [2023 – 2025](#) Sequoia HV:
Brake – Brake (Front) – Front Brake – Removal

Front Brake Squeal Noise

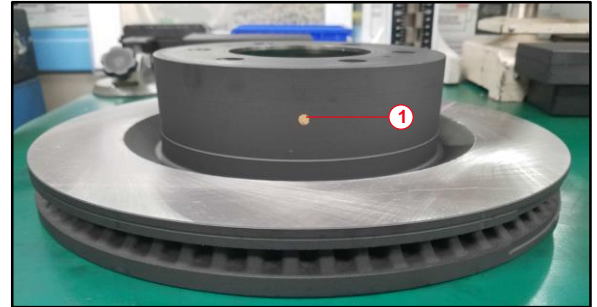
Repair Procedure (continued)

3. Confirm the NEW rotor by locating the gold dot on the hat. Install the NEW rotor.

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

- [2022 – 2025](#) Tundra and Tundra HV:
*Brake – Brake (Front) –
Front Brake – Installation*
- [2023 – 2025](#) Sequoia HV:
*Brake – Brake (Front) –
Front Brake – Installation*

Figure 1. New Rotor With Gold Dot



1 Gold Dot

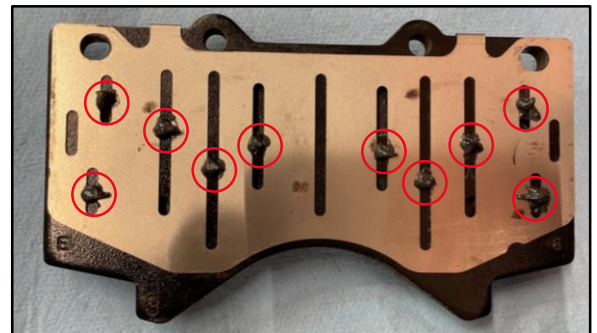
4. Assemble the brake pad and shim kit.
 - A. Place the shim plate on the back of the brake pad as shown in Figure 2.
 - B. Apply grease ONLY to the 10 locations shown in Figure 2.

NOTE

Use the grease included with the shim kit (04945-0C060).

- C. After applying grease, carefully place the solid shim on top.

Figure 2. Shim Plate on the Back of the Brake Pad



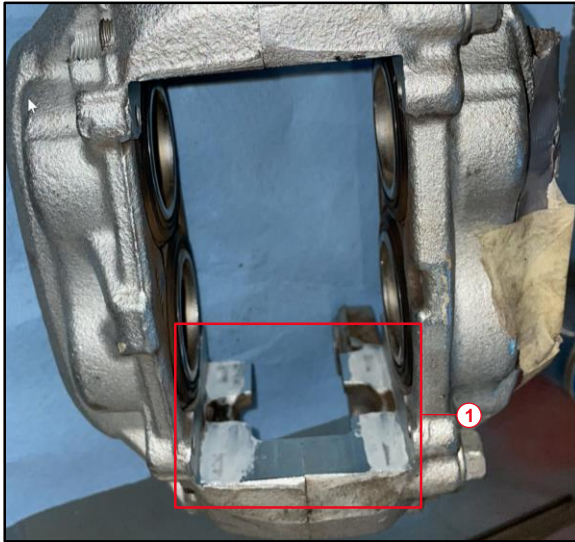
○ Locations of Grease Application

Front Brake Squeal Noise

Repair Procedure (continued)

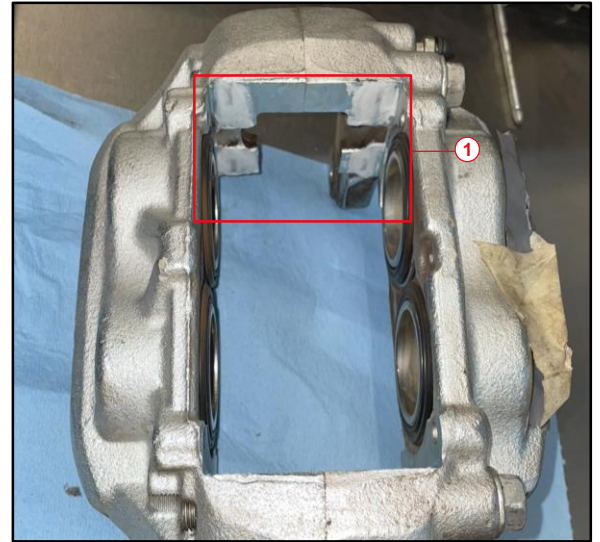
5. Apply brake caliper grease to the cylinder (caliper) areas shown in Figures 3 and 4.

Figure 3.



1	Area of Grease Application
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Figure 4.



1	Area of Grease Application
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Front Brake Squeal Noise

Repair Procedure (continued)

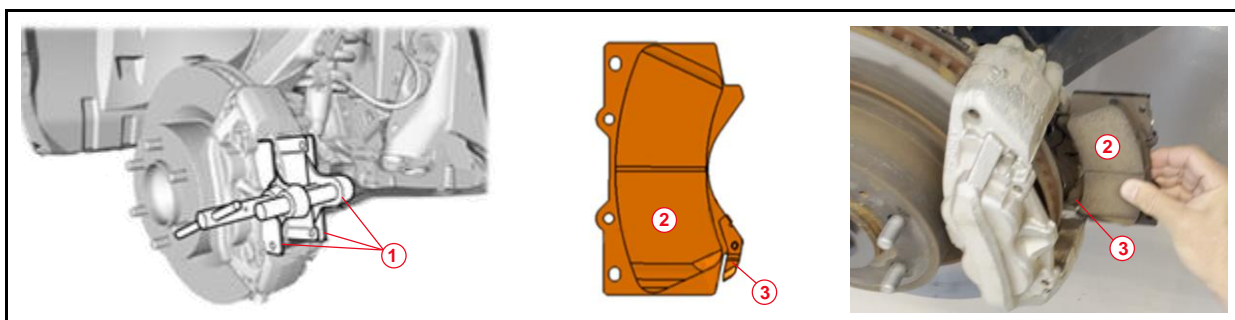
6. Install the front disc brake pad kit.

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 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 5. Brake Pad Installation



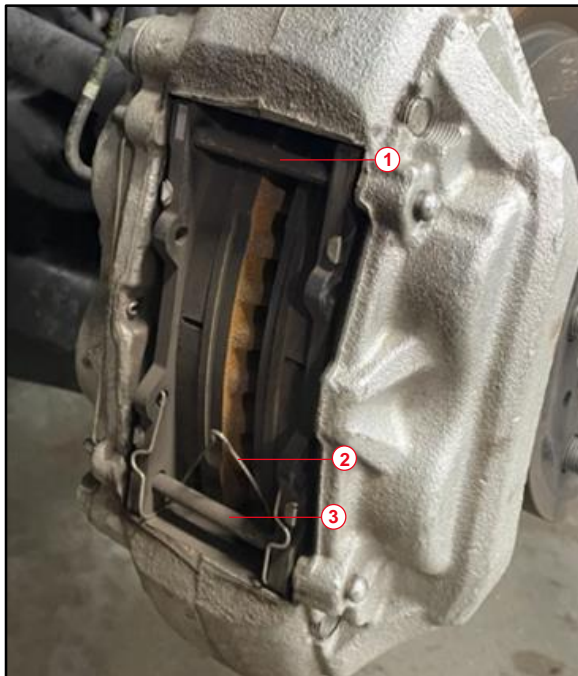
1	Disc Brake Piston Spreader Wide Type
2	Brake Pad with Wear Indicator
3	Wear Indicator

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Repair Procedure (continued)

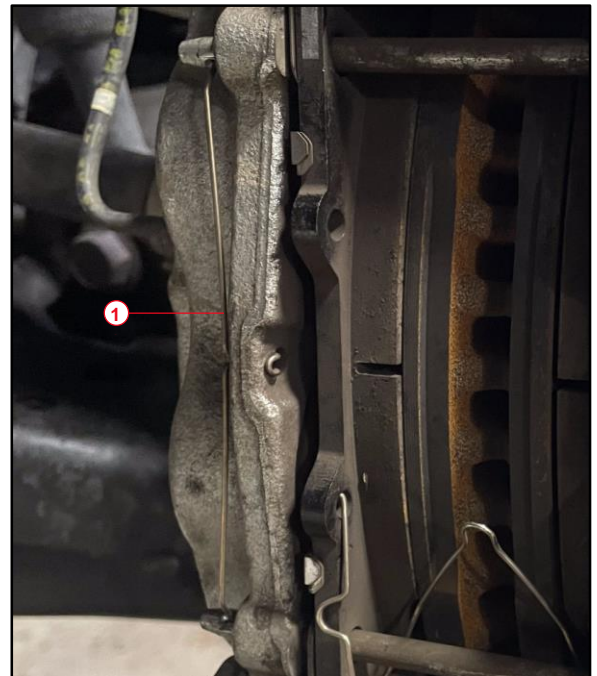
7. Install the anti-rattle kit.
 - A. Install the front disc brake anti-rattle pin with a hole (upper side).
 - B. Install the NEW brake anti-rattle spring, then install the front disc brake anti-rattle pin with hole (lower side) as shown in Figure 6.
 - C. Install the pin hold clip to the front disc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



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 – 2025](#) Tundra and Tundra HV:
General – Maintenance – Tire and Wheel – Installation
- [2023 – 2025](#) 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.