

Creaking Noise from Front Suspension Strut Mounting Bearing when Turning

Service Category Suspension

Section Front Suspension

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2023 - 2025	bZ4X	

Introduction

Some 2023 – 2025 model year bZ4X vehicles may exhibit a creaking noise coming from the strut mounting bearing of the front suspension when turning. A new part has been developed to address this condition. Follow the Repair Procedure in this bulletin to remedy this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
SU2601	Front Suspension Support Assembly (One Side) and Check/Adjust Alignment	2.1	48619-42040	91	40
Combo A	Front Suspension Support Assembly (One Side) Comb: Opposite Side	0.3			

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.

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Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
48619-42040	48619-AQ010	Bearing, Strut Mounting	2
90177-A0019		Nut, Lock	2

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Shock Rod Holding Tool	09727-58100*	1
Attachment 22	09727-58130*	1
Adapter 14	09727-58030*	1
Puller, Rebound	09727-58010	1
Arm Set B	09727-00051	1
Arm Set A	09727-00040	1
Coil Spring Compressor	09727-30022	1

*Essential SST.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVi*	ADE	TSADVUNITECP	1
Techstream Lite w/ Blue & Black Case w/ Detachable Cable		TSLP3DLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- GTS+ Software version 2026.03.001.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 or by visiting *TIS – Diagnostics – Tools & Equipment – Techstream Order Portal*.

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Repair Procedure

1. Confirm the condition exists.

Does the vehicle exhibit a creaking noise from one or both sides of the strut mounting bearing of the front suspension when turning?

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

2. Replace BOTH sides of the strut mounting bearings with the NEW part listed in the Parts Information table.

- A. Remove BOTH sides of the strut mounting bearings.

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

- [2023 – 2025](#) bZ4X:

Suspension – Front Suspension – Front Shock Absorber – Removal

- B. Install the NEW strut mounting bearing on BOTH sides.

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

- [2023 – 2025](#) bZ4X:

Suspension – Front Suspension – Front Shock Absorber – Installation

3. Inspect and adjust Front Wheel Alignment.

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

- [2023 – 2025](#) bZ4X:

General – Maintenance – Front Wheel Alignment – Adjustment

4. Perform initialization of Advanced Park (w/ Advanced Park)

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

- [2023 / 2024 – 2025](#) bZ4X:

ADAS / AD – Advanced Park – Advanced Park – Calibration

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Repair Procedure (continued)

5. Perform calibration of Panoramic View Monitor System.
Refer to TIS, applicable model and model year Repair Manual.
 - [2023 / 2024 – 2025](#) bZ4X:
Audio / Visual / Telematics – Park Assist / Monitoring – Panoramic View Monitor System – Calibration
6. Perform headlight ECU sub-assembly LH initialization (EXT)
Refer to TIS, applicable model and model year Repair Manual.
 - [2023 – 2025](#) bZ4X:
Vehicle Exterior – Lighting (Ext) – Lighting System – Initialization
7. Inspect and adjust headlight aiming.
Refer to TIS, applicable model and model year Repair Manual.
 - [2023 – 2025](#) bZ4X:
Vehicle Exterior – Lighting (Ext) – Lighting System – Headlight Assembly (For Four Beam Headlight) – Adjustment
 - [2023 – 2025](#) bZ4X:
Vehicle Exterior – Lighting (EXT) – Headlight Assembly (for Single Beam Headlight) – Adjustment
8. Test-drive the vehicle to confirm the squeaking noise is no longer present.