

Rear Brake Squeak

Service
Category Brake

Section Brake (rear)

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010 – 2011	Prius	

Introduction

Some 2010 – 2011 Prius vehicles may experience rear brake squeak when backing up or moving forward during the first few brake applications when the brakes are cold. Updated rear brake shims, rear brake pads, and rear brake caliper mounting brackets are available to reduce the likelihood of this condition occurring.

Production Change Information

Rear Brake Caliper Brackets, Shims, and Rear Brake Pad Replacement: Vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
Prius	Tsutsumi No.1 Line	JTDKN3DU#A0086169
	Tsutsumi No.2 Line	JTDKN3DU#A1115205
	Toyota Auto Body	JTDKN3DU#A5090145

Rear Caliper Mounting Brackets and Rear Brake Pads Replacement: Vehicles produced **BEFORE** the Production Change Effective VINs shown below

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
Prius	Tsutsumi #1	JTDKN3DU#B0285700
	Tsutsumi #2	JTDKN3DU#B1357220
	Toyota Auto Body	JTDKN3DU#B5265419

Rear Brake Pad Replacement Only: Vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
Prius	Tsutsumi No.1 Line	JTDKN3DU#B0309801
	Tsutsumi No.2 Line	JTDKN3DU#B1376799
	Toyota Auto Body	JTDKN3DU#B5275873

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Production Change Information (Continued)

NOTE

Do NOT Replace Rear Brake Pad Shims if already replaced in T-SB-0098–10 or after Production Change #1.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BR1101	Replace rear brake pads and/or shims	0.8	47821-12151	36	40
BR1102	Replace rear brake caliper mounting brackets, brake pads and/or shims	1.2			

APPLICABLE WARRANTY

- This repair is covered under the Toyota Comprehensive 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.

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Variable Pin Wrench Set	09960-10010	1

* Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
ChassisEAR™ (or equivalent)	ADE	JSPSM06606 (JS Products)	1

NOTE

- A mechanic's stethoscope or similar tool may be used in place of ChassisEAR™.
- ChassisEAR™ may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
04946-12090	04946-47070	Shim Kit, Anti Squeal, RR	1 (if needed)

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Parts Information (Continued)

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
04466-47030	04466-47060	Pad Kit, Rear Disc Brake	1
47821-12151	47821-47040	Mounting, Rear Disc Brake	2

Diagnostic Procedure

1. Test drive the vehicle to confirm the squeak is coming from the rear brakes. The condition occurs more frequently when backing up during light brake pedal application after cold soak.

NOTE

Use ChassisEAR™ if needed to help identify location of noise.

2. Check Vehicle VIN. If the vehicle was built before 1st Production Change Effective VIN follow procedure #1 to replace the rear brake pads, anti squeal shims and rear brake caliper mounting brackets.

If the vehicle's VIN was before the 2nd Production Change Effective VIN, follow repair procedure 2 to replace the rear caliper mounts and rear brake pads.

If the vehicle's VIN was before the 3rd Production Change Effective VIN, follow Repair Procedure 3 to replace only the rear brake pads.

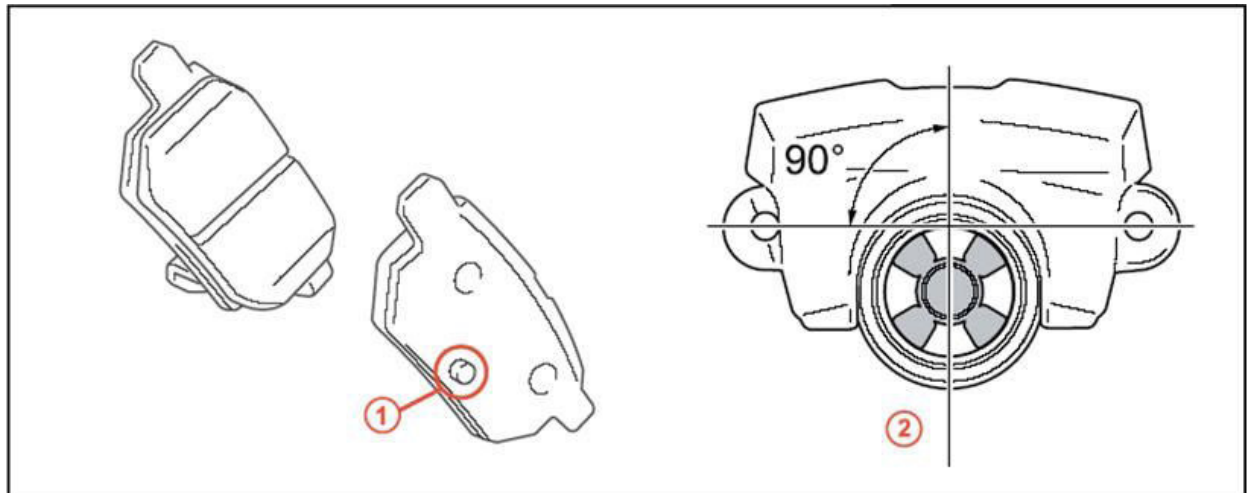
Repair Procedure 1: Rear Brake Pad, Shims and Rear Caliper Mounting Brackets Replacement

1. Remove the rear brake pads, shims and rear brake caliper mounting brackets. Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:
 - 2010 Prius:
Brake – Brake (Rear) – “Brake (Rear): Rear Brake: [Removal](#)”
2. Install the new rear caliper mounting bracket. Refer to TIS, applicable model and model year Repair Manual:
 - 2010 Prius:
Brake – Brake (Rear) – “Brake (Rear): Rear Brake: [Installation](#)”
3. Install the No. 1 Anti-squeal shims. Install the No. 2 Anti-squeal shims onto new brake pads
4. Using the Variable Pin Wrench (SST 09960-10010) slowly rotate the caliper piston until the piston groove is positioned as shown in Figure 1.

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Repair Procedure 1: Rear Brake Pad, Shims and Rear Caliper Mounting Brackets Replacement (Continued)

Figure 1.



1	Protrusion on the Brake Pad
2	Correct Position of the Rear Caliper Piston

5. Install new rear brake anti-squeal shims with new rear brake pads into the rear caliper assembly brackets. Refer to TIS, applicable model and model year Repair Manual:

- 2010 Prius:
Brake – Brake (Rear) – “Brake (Rear): Rear Brake: [Installation](#)”

NOTE

Make sure disc brake grease is not applied to the lining of the rear brake pads.

CAUTION

Do NOT twist the brake hoses on the rear disc brake caliper assemblies.

NOTE

- When installing the rear disc brake caliper assembly on the rear disc brake caliper mounting bracket, ensure the protrusion on the brake pad is centered in the caliper piston groove.
- It is important to ensure the protrusion is not contacting the outer edges of the caliper piston groove (both sides)

6. Road test the vehicle to confirm the condition has been corrected.

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Repair Procedure 2: Rear Brake Pad and Rear Brake Caliper Mounting Brackets

1. Remove and replace the rear brake caliper mounting brackets and rear brake pads. Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:
 - 2010 Prius:
Brake – Brake (rear) – “Brake: Rear Brake: [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”
 - 2011 Prius:
Brake – Brake (rear) – “Brake: Rear Brake: [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”
2. Road test the vehicle to confirm the condition has been corrected.

Repair Procedure 3: Rear Brake Pads

1. Remove and replace the rear brake pads. Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:
 - 2010 Prius:
Brake – Brake (rear) – “Brake: Rear Brake: [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”
 - 2011 Prius:
Brake – Brake (rear) – “Brake: Rear Brake: [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”
2. Road test the vehicle to confirm the condition has been corrected.