

# Rubbing or Grinding Noise From Rear on Turns

Service  
Category Brake

Section Brake (rear)

Market USA

Toyota Supports  
ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2007 – 2012	Tundra	

## Introduction

Some 2007 – 2012 model year Tundra vehicles may exhibit a rubbing or grinding noise from the rear when making left or right turns. New parking brake plate sub-assemblies have been developed to address this condition.

## Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
04000-0010C	04002-4310C	Special Service Part Bearing Kit (RH)*	1
04000-0020C	04002-4320C	Special Service Part Bearing Kit (LH)*	1

\* Includes new parking brake plate sub-assemblies.

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFFP	T1	T2
BR1210	R & R Parking Brake Sub-assembly**	2.2	46503-0C010 46503-0C011	36	13
Combo A	Opposite Side	1.0	46504-0C010 46504-0C011		

\*\* Replace ALL parts with new ones provided in the Special Service Part Bearing Kit.

### 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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### Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Oil Seal Puller	<u>09308-00010</u>	
Brake Shoe Return Spring Tool*	<u>09703-30011</u>	1
Shoe Hold Down Spring Driver*	<u>09718-00011</u>	1
Rear Axle Shaft Puller**	<u>09521-25011-01</u>	1
Rear Axle Shaft Puller Adapter**	<u>09521-60010-01</u>	1
Rear Axle Shaft Puller Spacer**	<u>09521-25000-01</u>	
Seal Ring Tool**	<u>09631-12090</u>	1
Lower Control Shaft Bearing Replacer	<u>09726-40010</u>	1
Replacer Set #3** (Replacer 110)	<u>09950-60030-01</u> <u>(09951-01100-01)</u>	1
Outer Bearing Cup Replacer	<u>09950-60020</u>	1
Handle Set**	<u>09950-70010-01</u>	1

\* Special order.

\*\* Essential SST.

**NOTE**

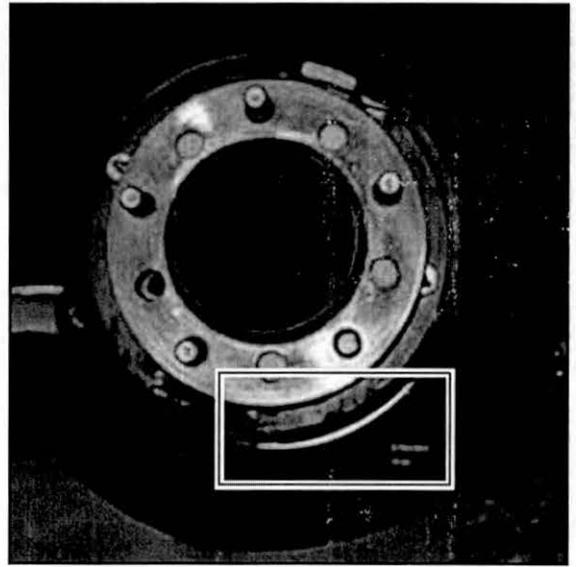
**Additional SSTs may be ordered by calling 1-800-933-8335.**

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### Repair Procedure

1. Test drive the vehicle and confirm the condition by making left and right hand turns.
2. Once the condition has been confirmed, place the vehicle on the lift, remove the rear wheels and rear rotors and check for any irregular contact on the brake plate from the rotors.

Figure 1. Example of Irregular Contact on Brake Plate



3. If there appears to be irregular contact from the rotor to the brake plate, replace all parts specified in the Special Service Part Bearing Kit (including the parking brake backing plate).

Refer to the Technical Information System (TIS), applicable model year Repair Manual:

- 2007 Tundra:  
*Drivetrain – Axle/Differential – “Axle: Rear Axle Shaft: Removal / Disassembly / Reassembly / Installation”*
  - 2008 Tundra:  
*Drivetrain – Axle/Differential – “Axle: Rear Axle Shaft: Removal / Disassembly / Reassembly / Installation”*
  - 2009 Tundra:  
*Drivetrain – Axle/Differential – “Axle: Rear Axle Shaft: Removal / Disassembly / Reassembly / Installation”*
  - 2010 Tundra:  
*Drivetrain – Axle/Differential – “Axle: Rear Axle Shaft: Removal / Disassembly / Reassembly / Installation”*
4. Settle the parking brake shoe and disc.
    - A. Drive the vehicle for approximately 0.25 miles (400 m) under the following conditions:
      - (1) Drive the vehicle at approximately 31 mph (50 km/h) on a level, dry road.
      - (2) Depress the parking brake pedal.

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### Repair Procedure (Continued)

- B. Repeat the procedure above 2 or 3 times.
- C. Stop and depress the parking brake. The vehicle should hold position with 6 – 9 clicks of travel.
5. Test drive the vehicle once more and make left and right hand turns to confirm there is no more noise coming from the rear of the vehicle.