

4WD Rear Driveshaft/Propeller Shaft Clunk/Thunk Noise

Service Category Drivetrain

Section Drive Shaft/Propeller Shaft

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2003 – 2009	4Runner	Drive Type(s): 4WD Engine(s): 2UZ Transmission(s): 5AT VDS(s): BT14R, BT17R

Introduction

Some 2003–2009 model year 4WD 4Runner vehicles may exhibit a clunk/thunk noise from the rear of the vehicle or a bump-from-behind sensation just before or when accelerating from a stop. Improvements have been implemented on the rear propeller shaft (driveshaft) to reduce this condition. Use the following repair procedure to address this condition

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
37110-6A480	37110-60A40	Shaft Assembly, Propeller	1

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
370011	R & R Rear Propeller Shaft Assembly	0.6	37110-6A480	91	50

APPLICABLE WARRANTY

- This repair is covered under the Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 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.

4WD Rear Driveshaft/Propeller Shaft Clunk/Thunk Noise

Repair Procedure

1. Confirm that the condition is the rear driveshaft clunk/thunk noise.

NOTE

Check for the painted match marks on the transfer flange and differential flange when installing the NEW propeller shaft assembly. If the match marks are NOT visible, be sure to install the NEW propeller shaft in the same orientation as the original propeller shaft.

- A. Test drive the vehicle and confirm the customer's complaint.
- B. Place the transfer case in 4WD High with the center differential locked. Remove the rear driveshaft and test drive the vehicle.

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

- [2003](#) / [2004](#) / [2005](#) 4Runner:
Drivetrain – Drive Shaft / Propeller Shaft – “Propeller Shaft Assy: Overhaul”
 - [2006](#) / [2007](#) / [2008](#) / [2009](#) 4Runner:
Drivetrain – Drive Shaft / Propeller Shaft – “Propeller Shaft Assembly (for 4WD): Removal”
- C. Is the clunk/thunk noise eliminated when coming to a stop and/or when accelerating from a stop?
 - **Yes** — Replace rear driveshaft (propeller shaft assembly). Go to step 2.
 - **No** — This bulletin does NOT apply. Continue diagnosis to isolate cause of condition.
2. Install the NEW driveshaft (propeller shaft) assembly.
- Refer to TIS, applicable model and model year Repair Manual:
- [2003](#) / [2004](#) / [2005](#) 4Runner:
Drivetrain – Drive Shaft / Propeller Shaft – “Propeller Shaft Assy: Overhaul”
 - [2006](#) / [2007](#) / [2008](#) / [2009](#) 4Runner:
Drivetrain – Drive Shaft / Propeller Shaft – “Propeller Shaft Assembly (for 4WD): Installation”
3. Test drive and confirm that NO abnormal vibrations or shudders occur while driving, and that the driveshaft clunk/thunk noise is eliminated.