

# 4WD Rear Propeller Shaft (Driveshaft) Clunk/Thunk Noise

**Service Category** Drivetrain

**Section** Drive Shaft/Propeller Shaft

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010 – 2013	4Runner	VDS(s): BU5JR

### REVISION NOTICE

June 13, 2014 Rev1:

- Applicability has been updated to include 2013 model year 4Runner vehicles.
- The Production Change Information section has been added.

Any previous printed versions of this bulletin should be discarded.

## Introduction

Some 4WD equipped 2010 – 2013 model year SR5 and Trail grade 4Runner vehicles may exhibit a clunk/thunk noise from the rear of the vehicle or a “bump-from-behind” sensation just before a stop or when accelerating from a stop. Improvements have been implemented on the rear propeller shaft (driveshaft) to reduce this condition. Follow the Repair Procedure in this bulletin to improve this condition.

## Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

TRANSMISSION	GRADE	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
5AT	SR5/Trail	4WD	JTEBU5JR#D5124410

## Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
37110-6A520	37110-35A90	Propeller Shaft Assembly	1

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### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
370011	R & R Rear Propeller Shaft	0.8	37110-6A520	91	55

#### 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.

### Repair Procedure

1. Confirm the condition is the rear propeller shaft (driveshaft) clunk/thunk noise.
  - A. Test drive the vehicle and confirm the condition.
  - B. Place the transfer case in 4WD High. Remove the rear propeller shaft (driveshaft) and test drive the vehicle.
 

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

    - [2010](#) / [2011](#) / [2012](#) / [2013](#) 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?
    - If **Yes** — Replace the rear Propeller Shaft (driveshaft) Assembly. Go to Step 2.
    - If **No** — This bulletin does NOT apply. Continue diagnosis to isolate cause of the condition.
2. Install the NEW rear Propeller Shaft (driveshaft) Assembly.
  - [2010](#) / [2011](#) / [2012](#) / [2013](#) 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 rear propeller shaft (driveshaft) clunk/thunk noise is eliminated.