

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 – 2012	4Runner	VDS(s): BU5JR

Introduction

Some 4WD equipped 2010 – 2012 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. Utilize the following repair procedure to address this condition.

Parts Information

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

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	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.

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Repair Procedure

1. Confirm that 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](#) 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 TSB does NOT apply. Continue diagnosis to isolate cause of the condition.

2. Install the NEW rear propeller shaft (driveshaft) assembly.

- [2010](#) / [2011](#) / [2012](#) 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.