

# 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
2007 – 2012	FJ Cruiser	Transmission(s): 5AT

## Introduction

Some 4WD equipped 2007 – 2012 model year FJ Cruiser 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
37110-35A00	37110-35B00	Propeller Shaft Assembly	1

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFFP	T1	T2
370011	R & R Rear Propeller Shaft	0.8	37110-35A00	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 year Repair Manual:

- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) / [2012](#) FJ Cruiser:  
*Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Rear Propeller Shaft Assembly: Removal”*
- C. Is the clunk/thunk noise eliminated when coming to a stop and/or when accelerating from a stop?
    - **YES** — Replace the rear propeller shaft (driveshaft) assembly. Go to step 2.
    - **NO** — This TSB does NOT apply. Continue diagnosis to isolate the cause of the condition.
2. Install the NEW propeller shaft (driveshaft) assembly.

Refer to TIS, applicable model year Repair Manual:

    - [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) / [2012](#) FJ Cruiser:  
*Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Rear Propeller Shaft Assembly: Installation”*
  3. Test drive and confirm that NO abnormal vibrations or shudders occur while driving, and that the propeller shaft (driveshaft) clunk/thunk noise is eliminated.