

# 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
2005 – 2013	Tacoma	Transmission(s): 5AT, 4AT

### REVISION NOTICE

#### August 8, 2014 Rev2:

- The Production Change Information and Warranty Information sections have been updated.

#### June 3, 2014 Rev1:

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

Any previous printed versions of this bulletin should be discarded.

## Introduction

Some 4WD 2005 – 2013 model year Tacoma vehicles equipped with an automatic transmission 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.

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

### Production Change Information

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

DRIVETRAIN	TRANSMISSION	WHEEL BASE*	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
4WD	A340F	Short	TMMTX	5TFPX4EN#DX015663
		Long		5TFUX4EN#DX019400
	A750F			TMMBC
			TMMTX	3TMLU4EN#DM110521
	Super Long	TMMTX	5TFLU4EN#DX063202	
		TMMBC	5TFMU4FN#DX013449	
			3TMMU4FN#DM052693	

\* Wheel Base Length: Short = 2785 mm (109.6 in.), Long = 3235 mm (127.4 in.), Super Long = 3570 mm (140.6 in.)

### Warranty Information

OP CODE	DESCRIPTION	WHEEL BASE*	ATM	TIME	OFF	T1	T2
TC1103	R & R Rear Propeller Shaft Assembly	Short	A340F	0.6	37110-04220 37110-04221	91	55
	R & R Rear Propeller Shaft Assembly with Center Support Bearing	Long			A750F		
			37100-04340 37100-04341				
		Super Long	37100-04360 37100-04361				

\* Wheel Base Length: Short = 2785 mm (109.6 in.), Long = 3235 mm (127.4 in.), Super Long = 3570 mm (140.6 in.)

#### 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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### Parts Information

ATM	WHEEL BASE*	PART NUMBER		PART NAME	QTY
		PREVIOUS	NEW		
A340F	Short	37110-04220 37110-04221	37110-04222	Shaft Assy, Propeller	1
	Long	37100-04390 37100-04391	37100-04392	Shaft Assy, Propeller w/ Center Bearing	1
A750F		37100-04340 37100-04341	37100-04342		1
	Super Long	37100-04360 37100-04361	37100-04362		1

\* Wheel Base Length: Short = 2785 mm (109.6 in.), Long = 3235 mm (127.4 in.), Super Long = 3570 mm (140.6 in.)

### 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:

- 2005 Tacoma:  
*Drivetrain – Drive Shaft/Propeller Shaft – “Propeller w/Center Bearing Shaft Assy (4WD Regular Cab Type) / (4WD Access Cab and Double Cab Type): Overhaul”*
- 2006 – 2013 Tacoma:  
*Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Rear Propeller Shaft Assembly (for Regular Cab 4WD) / (for Access Cab 4WD and Double Cab 4WD): Removal”*
  - 2006: [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2007: [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2008 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2009 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2010 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2011 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2012 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2013 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)

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### Repair Procedure (Continued)

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 bulletin 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:

- 2005 Tacoma:  
*Drivetrain – Drive Shaft/Propeller Shaft – “Propeller w/Center Bearing Shaft Assy (4WD Regular Cab Type) / (4WD Access Cab and Double Cab Type): Overhaul”*
- 2006 – 2013 Tacoma:  
*Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Rear Propeller Shaft Assembly (for Regular Cab 4WD) / (for Access Cab 4WD and Double Cab 4WD): Installation”*
  - 2006: [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2007: [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2008 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2009 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2010 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2011 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2012 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)
  - 2013 [\(for Regular Cab 4WD\)](#) / [\(for Access and Double Cab 4WD\)](#)

#### **NOTE**

**Reuse the spacers provided under the center support bearing to ensure the proper alignment of the center support bearing.**

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.