

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

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.

Production Change Information

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

DRIVETRAIN	TRANSMISSION	WHEEL BASE*	PRODUCTION CHANGE EFFECTIVE VIN
4WD	A340F	Short	5TFPX4EN#DX015663
		Long	5TFUX4EN#DX019400
	A750F		5TFUU4EN#DX063199
			5TFLU4EN#DX063202
		Super Long	5TFMU4FN#DX013449

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

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Warranty Information

OP CODE	DESCRIPTION	MODEL	WHEEL BASE*	ATM	TIME	OFF	T1	T2
TC1103	R & R Rear Propeller Shaft Assembly	'05 – '13 Tacoma	Short	A340F	0.6	37110-04220 37110-04221	91	55
	Long		0.8		37100-04390 37100-04391			
				A750F	37100-04340 37100-04341			
					Super Long	37100-04360 37100-04361		
	R & R Rear Propeller Shaft Assembly with Center Support Bearing							

* 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.

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.)

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

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)

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

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.