

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 – 2012	Tacoma	Transmission(s): 4AT, 5AT

Introduction

Some 4WD 2005 – 2012 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. Utilize the following repair procedure to address this condition.

Warranty Information

OP CODE	DESCRIPTION	MY	MODEL	WHEEL BASE*	ATM	TIME	OFF	T1	T2
TC1103	R & R Rear Propeller Shaft	'05-'12	Tacoma	Short	A340F	0.6	37110-04220 37110-04221	91	55
	R & R Rear Propeller Shaft Assembly with Center Support Bearing			Long	A340F	0.8	37100-04390 37100-04391		
					Super Long		A750F		

* 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*	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
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 – 2012 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)

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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 – 2012 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)

NOTE

Re-use 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.

