

Rear Propeller Shaft Universal Joint

Service Category Drivetrain

Section Drive Shaft/Propeller Shaft

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2005 - 2011	Tacoma	

REVISION NOTICE

March 14, 2018 Rev1:

- The Production Change Information and Repair Procedure sections have been updated. Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2005 – 2011 model year Tacoma vehicles may exhibit a condition where there is a drivetrain vibration and/or drivetrain noise. Follow the procedure in this bulletin to address this condition.

Production Change Information

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

MODEL	PLANT	WORLD MANUFACTURER INDEX (WMI)	VEHICLE DESCRIPTION SECTION (VDS)	VEHICLE INDICATOR SECTION (VIS)
Tacoma	TMMTX	5TF	JU4GN#B	X003429
			JX4CN#B	X001153
			JX4GN#B	X001108
			KU4HN#B	X001066
			LU4EN#B	X001313
			MU4FN#B	X001076
			NX4CN#B	X001272
			PX4EN#B	X001335
			TU4CN#B	X001077
			TU4GN#B	X003431
			TX4CN#B	X001534
			TX4GN#B	X001106
			UU4EN#B	X001319
			UX4EN#B	X001434

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Production Change Information (continued)

MODEL	PLANT	WORLD MANUFACTURER INDEX (WMI)	VEHICLE DESCRIPTION SECTION (VDS)	VEHICLE INDICATOR SECTION (VIS)
Tacoma	TMMBC	3TM	JU4GN#B	M111577
			JU62N#B	M091906
			KU4HN#B	M027442
			KU72N#B	M023467
			LU42N#B	M038092
			LU4EN#B	M058233
			MU4FN#B	M024740
			MU52N#B	M015694
	NUMMI	5TE	JU4GN#B	Z749018
			JU62N#B	Z671264
			KU4HN#B	Z748760
			KU72N#B	Z668993
			LU42N#B	Z671368
			LU4EN#B	Z749000
			MU4FN#B	Z749004
			MU52N#B	Z668540
			NX22N#B	Z671320
			NX4CN#B	Z749058
			NX4GN#B	Z748524
			NX62N#B	Z670223
			PX42N#B	Z671254
			PX4EN#B	Z749106
			TU22N#B	Z671370
			TU4CN#B	Z735120
			TU4GN#B	Z749014
			TU62N#B	Z671356
			TX22N#B	Z671260
			TX4CN#B	Z749091
			TX4GN#B	Z749126
			TX62N#B	Z671185
UU42N#B	Z671420			
UU4EN#B	Z749134			
UX42N#B	Z671203			
UX4EN#B	Z749122			

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
TC9023	2WD – R & R Universal Joint Spider SSP Kit (One)	0.9	N/A	62 91 9B	12 16 19 43
TC9026	4WD – R & R Universal Joint Spider SSP Kit (One)	0.8			17 83
TC9024	R & R Propeller Shaft Assembly W/Inter Shft Shaft W/Center Support Brg	0.6	37100-XXXXXX	62 91 9B	12 16 19 43 17 83
TC9025	R & R Propeller Shaft Assembly (Rear)	0.5	37110-XXXXXX	62 91 9B	12 16 19 43 17 83

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.

Rear Propeller Shaft Universal Joint

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
04007-13104		Spider Kit, Universal Joint (For 3-Joint Type Propeller Shaft [With Center Support])	1 – 3*
04007-13204		Spider Kit, Universal Joint (For 2-Joint Type Propeller Shaft [Without Center Support])	
37100-XXXXX	37100-04352	Shaft Assy, Propeller W/Center Bearing	1
	37100-04371		
	37100-04332		
	37100-04343		
	37100-04363		
	37100-04382		
	37100-04273		
	37100-04282		
	37100-04291		
	37100-04302		
	37100-04393		
	37100-04311		
37100-04321			
37110-XXXXX	37110-04182	Shaft Assy, Propeller	1
	37110-04191		
	37110-04172		
	37110-04201		
	37110-04223		

*Quantity of parts is dependent on number of affected universal joints.

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
U-Jointbearing Remover/Replacer	09332-25010	1
Transmission Oil Plug*	09325-40010	1

* Essential SST.

NOTE
Additional SSTs may be ordered by calling 1-800-933-8335.

Rear Propeller Shaft Universal Joint

Repair Procedure

1. Confirm that the drivetrain vibration and/or noise condition originates from the rear propeller shaft universal joint(s).
 - A. Do the universal joint grease seals have ANY of the following conditions?
 - Bearing cup seal is broken or separated from the cup
 - Rust-colored dust
 - Grease leakage

NOTE

Visually inspect each universal joint trunion and bearing seal.

OR is there noticeable universal joint free play, backlash, or binding?

NOTE

- Inspect joint binding AFTER detaching the propeller shaft assembly from the vehicle.
- Firmly grasp one side of the universal joint and try to turn the other side. There should NOT be free play, backlash, or binding.

- **YES** — Continue to substep B.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

- B. Does the propeller shaft yoke have damage or excessive wear caused by the conditions described in substep A?

NOTE

Visually inspect the yoke for ANY damage caused by a worn universal joint. Inspect the universal joint bearing cup for missing material or the trunion contacting the yoke flange.

- **YES** — Continue to step 2 to replace the rear propeller shaft assembly.
- **NO** — Go to step 3 to replace ONLY the universal joint(s).

NOTE

- Replacement of the propeller shaft is necessary in rare occasions.
- Replacement of the universal joint(s) resolves concerns related to noise and/or vibration.

Rear Propeller Shaft Universal Joint

Repair Procedure (continued)

2. Replace the rear propeller shaft assembly.

A. Remove the rear propeller shaft assembly.

Refer to TIS, applicable model and model year Repair Manual:

- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 2WD and Double Cab 2WD): Removal”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 4WD and Double Cab 4WD): Removal”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 2WD): Removal”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 4WD): Removal”

B. Install the NEW rear propeller shaft assembly.

Refer to TIS, applicable model and model year Repair Manual:

- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 2WD and Double Cab 2WD): Installation”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 4WD and Double Cab 4WD): Installation”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 2WD): Installation”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 4WD): Installation”

Rear Propeller Shaft Universal Joint

Repair Procedure (continued)

3. Replace the universal joint(s).

A. Remove the propeller shaft assembly.

Refer to TIS, applicable model and model year Repair Manual:

- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 2WD and Double Cab 2WD): Removal”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 4WD and Double Cab 4WD): Removal”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 2WD): Removal”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 4WD): Removal”

B. Remove the universal joint(s).

Refer to TIS, applicable model and model year Repair Manual:

- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 2WD and Double Cab 2WD): Disassembly”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 4WD and Double Cab 4WD): Disassembly”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 2WD): Disassembly”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 4WD): Disassembly”

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Repair Procedure (continued)

C. Install the NEW universal joint(s).

Refer to TIS, applicable model and model year Repair Manual:

- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 2WD and Double Cab 2WD): Reassembly”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 4WD and Double Cab 4WD): Reassembly”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 2WD): Reassembly”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 4WD): Reassembly”

D. Reinstall the propeller shaft assembly.

Refer to TIS, applicable model and model year Repair Manual:

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Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Access Cab 2WD and Double Cab 2WD): Installation”
- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
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- [2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tacoma:
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Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly (for Regular Cab 4WD): Installation”

4. Test drive the vehicle to confirm the condition is no longer present.