

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	

Introduction

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

Production Change Information

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

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
Tacoma	TMMTX	5TFTU4GN#BX003434
		5TFJU4GN#BX003425
		5TFTU4CN#BX001078
		5TFLU4EN#BX001321
		5TFUU4EN#BX001220
		5TFMU4FN#BX001056
		5TFKU4HN#BX001067
		5TFTX4GN#BX001109
		5TFPX4EN#BX001114
		5TFUX4EN#BX001426
		5TFPX4EN#BX001338
		5TFTX4CN#BX001551
		5TFTX4CN#BX001160
		5TFNX4CN#BX001191
		5TFNX4CN#BX001276
5TFUX4EN#BX001140		

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Production Change Information (Continued)

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
Tacoma	TMMBC	3TMJU4GN#BM111407
		3TMKU4HN#BM027392
		3TMLU4EN#BM058160
		3TMMU4FN#BM024691
	NUMMI	(VINs Included BEFORE Change Effective VINs Above)

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 04007-13204	Spider Kit, Universal Joint	1 – 3*
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 trunnion and bearing seal.

OR is there noticeable universal joint free play or backlash?

NOTE

Firmly grasp one side of the universal joint and try to turn the other side. There should NOT be free play or backlash.

- **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 trunnion contacting the yoke flange.

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

NOTE

- Replacement of the propeller shaft will be 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 the Technical Information System (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”
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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:

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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”
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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”

Rear Propeller Shaft Universal Joint

Repair Procedure (Continued)

C. Install the NEW universal joint(s).

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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:
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”

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