

Transmission Fluid Leak through Driveshaft Yoke

Service Category Drivetrain

Section Drive Shaft/Propeller Shaft

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2007	Tundra	Body Type(s): Double Cab Truck, Crew Max, Regular Cab, Drive Type(s): 2WD Engine(s): 2UZ, 3UR, 1GR Transmission(s): 6AT VDS(s): ET541, ET581, EV541, EV581, JT521, JU521, JV521, LT521, LU521, LV521, RT541, RT581, RU541, RV541, RV581, ST541, SV541

TSB SUPERSESSION NOTICE

The information contained in this TSB supersedes TSB No. TC016-07.

- The Repair Procedure has been updated with an additional step 4 and Notice at the end.

TSB No. TC016-07 is Obsolete and any printed versions should be discarded. Be sure to review the entire content of this service bulletin before proceeding.

Introduction

Some 2007 model year 2WD Tundra vehicles may display a small transmission fluid leak through the driveshaft (propeller shaft) slip yoke plug in the center of the yoke. Manufacturing process changes were implemented at the supplier to eliminate this condition. Replacement of the driveshaft will correct this condition.

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST'S)	PART NUMBER	QTY
Transmission Oil Plug* (A750E)	09325-40010	1
Transmission Oil Plug (or Equivalent) (AB60E)	09325-60010	1

* Essential SST.

NOTE

Additional SSTs may be ordered by calling SPX/OTC at 1-800-933-8335.

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Production Change Information

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

PLANT	ENGINE	STYLE	PRODUCTION CHANGE EFFECTIVE VIN
TMMI	2UZ-FE, 4.7 L, V8	Double Cab (6.5' Bed)	5TB*T5#1*7S456188
		CrewMax	
	3UR-FE, 5.7 L, V8	Double Cab (6.5' Bed)	5TB*V5#1*7S466343
		CrewMax	
TMMTX	1GR-FE, 4.0 L, V6	Double Cab (6.5' Bed)	5TF*U5#1*7X004255
		Regular Cab	5TF*U5#1*7X003202
	2UZ-FE, 4.7 L, V8	Double Cab (6.5' Bed)	5TF*T5#1*7X013859
		CrewMax	
		Double Cab (8.0' Bed)	5TF*T5#1*7X001946
		Regular Cab	5TF*T5#1*7X002132
	3UR-FE, 5.7 L, V8	Double Cab (6.5' Bed)	5TF*V5#1*7X021640
		CrewMax	
		Double Cab (8.0' Bed)	5TF*V5#1*7X004150
		Regular Cab	5TF*V5#1*7X001931

NOTE

The engine type in the truck can be identified by checking the 5th digit in the VIN:

- "U" = 1GR-FE (4.0 L, V6)
- "T" = 2UZ-FE (4.7 L, V8)
- "V" = 3UR-FE (5.7 L, V8)

The production plant can be confirmed by checking the 11th digit of the VIN:

- "S" = TMMI
- "X" = TMMTX

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
370011	R & R Driveshaft Assembly (Rear) (Regular Cab, Standard Bed Only)	0.7	371#0-0C###	65	50
370021	R & R Driveshaft Assembly with Intermediate Shaft with Center Support Bearing	0.9			

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 correction of a problem based upon a customer's specific complaint.

Parts Information

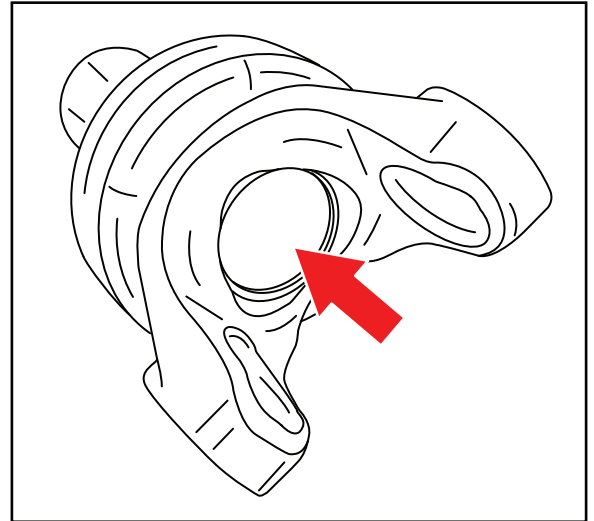
CAB TYPE	BED LENGTH	ENGINE	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
Regular	Standard	1GR	37110-0C100	Same	Propeller Shaft Assembly	1
		2UZ	37110-0C090	Same		1
		3UR	37110-0C080	Same		1
	Long	1GR	37100-0C140	Same	Propeller Shaft Assembly w/Center Bearing	1
		2UZ	37100-0C120	Same		1
		3UR	37100-0C100	Same		1
Double	Standard	1GR	37100-0C140	Same		1
		2UZ	37100-0C120	Same		1
		3UR	37100-0C100	Same		1
Long	2UZ	37100-0C130	Same	1		
	3UR	37100-0C110	Same	1		
CrewMax	Standard	2UZ	37100-0C120	Same	1	
		3UR	37100-0C100	Same	1	

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Repair Procedure

1. Confirm source of automatic transmission fluid leak is through the driveshaft slip yoke plug in the area indicated below.
 - If transmission fluid leak is NOT originating in this area, do **NOT** perform this TSB.
 - If leak originates from driveshaft yoke, **go to step 2**.

Figure 1. Area of Transmission Fluid Leak in Driveshaft Slip Yoke Plug



2. Remove the driveshaft.

Refer to the Technical Information System (TIS), 2007 model year Tundra Repair Manual, [Drivetrain – Drive shaft/Propeller Shaft – “Propeller Shaft: Propeller Shaft Assembly \(2WD\): Removal”](#).

3. Install the NEW driveshaft using markings on the original driveshaft to assist in properly aligning the phase of the replacement driveshaft.

Refer to TSB No. [DL001-07](#), “*Driveshaft (Propeller Shaft) Installation Instructions*”, to properly install the driveshaft and align the center support bearings (when equipped).

NOTE

Failure to properly align the driveshaft and center support bearing could cause driveline vibrations or abnormal noises.

4. Check transmission fluid level.

Refer to TSB No. [TC009-07](#), “*Transmission Fluid Level*”, for correct process to ensure transmission fluid is full. Add WS ATF as needed to correctly adjust transmission fluid level.

NOTICE

Failure to properly adjust transmission fluid can cause transmission shifting issues, damage to automatic transmission, or M.I.L. “ON” with transmission performance DTC(s) such as P2714, P0751, P0756, P0766, P0776 or P0894.