

**TECHNICAL INSTRUCTIONS**  
**FOR**  
**SAFETY RECALL B0F**  
**REAR PROPELLER SHAFT INSPECTION**  
**CERTAIN 2011 MODEL YEAR TUNDRA**

***REVISED MAY 17, 2011***

**TECHNICAL INSTRUCTION REVISION NOTICE:**

**Revised 5/17/11**

- Information has been updated for affected lot number ([SECTION V, STEP A, #1](#))
- Information has been updated for Quality Compliance contact ([SECTION V, STEP A, #1](#))

**Revised 5/3/11**

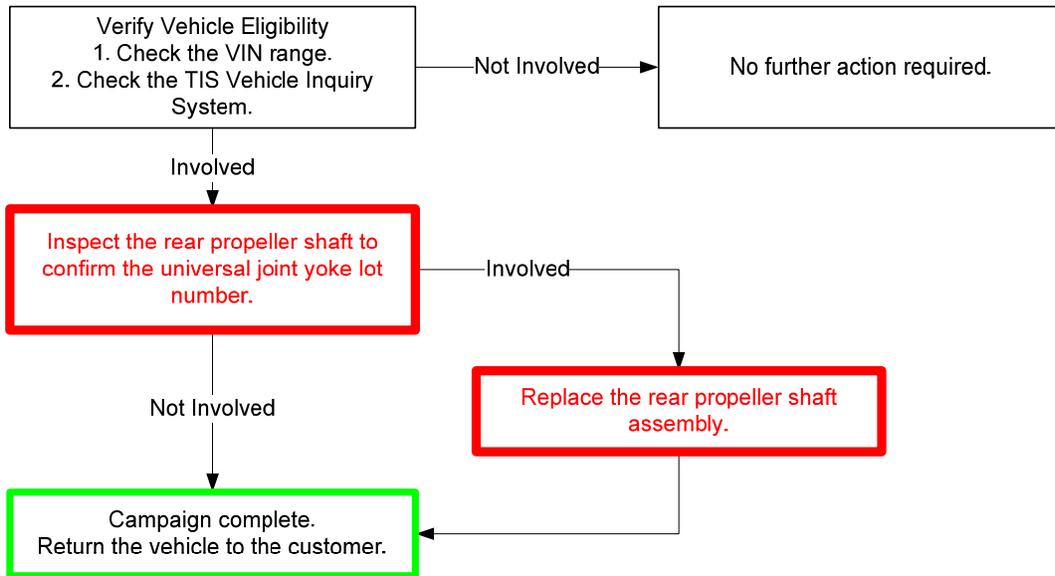
- Information has been updated for affected lot number ([SECTION V, STEP A, #1](#))

**Revised 4/28/11**

- Information has been updated for yoke inspection ([SECTION V, STEP A, #1](#))

Previous versions of these Technical Instructions should be discarded.

## I. OPERATION FLOW CHART



## II. IDENTIFICATION OF AFFECTED VEHICLES

### A. AFFECTED VIN RANGE

Model	WMI	Year	VIN Range	
			VDS	Range
TUNDRA	5TF	2011	BW5F1	X164737 - X194347
			BY5F1	X164741 - X196080
			CW5F1	X011450 - X012232
			CY5F1	X011459 - X012239
			DM5F1	X017209 - X024140
			DW5F1	X164397 - X196097
			DY5F1	X164699 - X196079
			EM5F1	X022631 - X031627
			EY5F1	X100831 - X111434
			FY5F1	X100978 - X111383
			HW5F1	X164711 - X196099
			HY5F1	X164704 - X195898
			LU5F1	X024202 - X025416
			LY5F1	X101291 - X110419
			MW5F1	X164989 - X193855
			MY5F1	X165497 - X194216
			RM5F1	X022611 - X031629
			RU5F1	X024195 - X025478
			RY5F1	X100948 - X111433
			SY5F1	X100980 - X110784
TY5F1	X007051 - X007240			
UM5F1	X017204 - X024344			
UW5F1	X164601 - X196102			
UY5F1	X164712 - X196108			

**NOTE:**

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety Recall, and that the campaign has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.

### III. PREPARATION

#### A. PARTS

Part Number	Part Description	Quantity	VDS	Model
37100-0C115	Rear Propeller Shaft Assembly	1	TY5F1	USK52L - CHTSKA
37100-0C144	Rear Propeller Shaft Assembly	1	RU5F1	GSK51L - CRASKA
			LU5F1	GSK51L - THADKA
37100-0C163	Rear Propeller Shaft Assembly	1	CW5F1	USK57L - CHTSGA
			CY5F1	USK57L - CHTSKA
37100-0C194	Rear Propeller Shaft Assembly	1	RM5F1	UPK51L - CRTSKA
			EM5F1	UPK51L - PSTSKA
37100-0C213	Rear Propeller Shaft Assembly	1	UM5F1	UPK56L - CRTSKA
			DM5F1	UPK56L - PSTSKA
37100-0C105	Rear Propeller Shaft Assembly	1	SY5F1	USK51L - CRTLKA
			RY5F1	USK51L - CRTSKA
			FY5F1	USK51L - PSTLKA
			EY5F1	USK51L - PSTSKA
			LY5F1	USK51L - THTDKA
37100-0C153	Rear Propeller Shaft Assembly	1	BW5F1	USK56L - CRTLGA
			BY5F1	USK56L - CRTLKA
			UY5F1	USK56L - CRTSKA
			HW5F1	USK56L - PSTLGA
			HY5F1	USK56L - PSTLKA
			DW5F1	USK56L - PSTSGA
			DY5F1	USK56L - PSTSKA
			MW5F1	USK56L - THTDGA
			MY5F1	USK56L - THTDKA
UW5F1	USK56L - CRTSGA			

**NOTE:**

- Only a small number of vehicles will require rear propeller shaft assembly replacement.
- The subject propeller shaft assemblies will be on MAC, failure to follow the steps outlined in these instructions will result in the part not being released.

#### B. TOOLS & EQUIPMENT

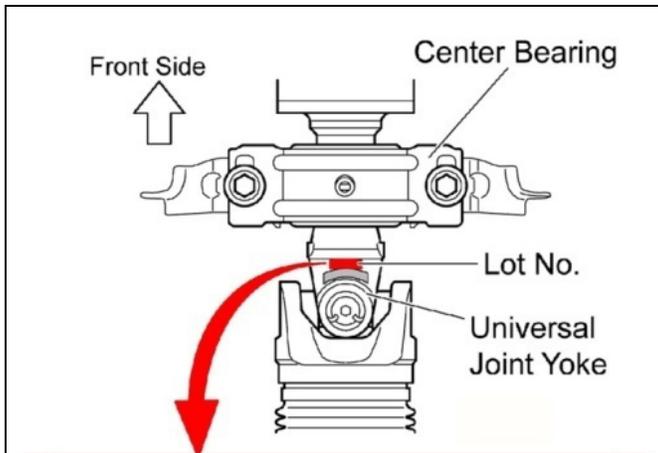
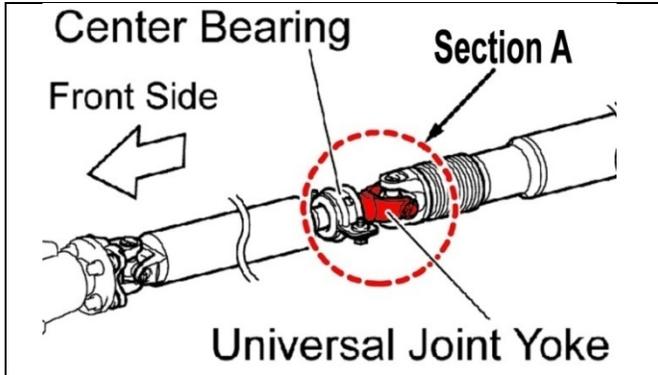
- Standard hand tools
- Torque wrench

### IV. BACKGROUND

On certain 2011 Model Year Tundra vehicles equipped with a 3-Joint type propeller shaft, the rear propeller shaft slip yoke may have been improperly cast. The improperly cast yokes are from a specific production lot. In vehicles with a slip yoke from that lot, there is the possibility that the slip yoke may break and the rear propeller shaft may separate at the joint. If this occurs the propeller shaft could contact the road surface, which could increase the risk of a crash.

## V. WORK PROCEDURE

### A. LOCATE AND INSPECT THE LOT NUMBER ON THE REAR PROPELLER SHAFT



#### Affected Propeller Shaft Examples



#### 1. INSPECT THE LOT NUMBER ON THE UNIVERSAL JOINT YOKE

- a) Does the lot number **start** with **10HV**? **There may or may not be a number following the V in the 10HV lot number, this number has no bearing on this inspection.**

**NO**

The vehicle **IS NOT** affected. The campaign is complete.

**YES**

The vehicle **IS** affected. The propeller shaft must be replaced.

**NOTE: The propeller shaft may need to be rotated to inspect the lot number.**



If the first 4 digits of the 5 digit lot number cannot be determined, the propeller shaft **SHOULD** be replaced.

#### MAC PART RELEASE PROCESS

- 1) Take a picture of the lot number.
- 2) Order the propeller shaft assembly.
- 3) Email Quality Compliance and provide:
  - Dealer code
  - Dealer contact and phone number
  - Order reference number
  - Part number ordered
  - Order date
  - VIN
- 4) Quality Compliance will release parts upon confirmation of inspection.

**Failure to follow the steps outlined in these instructions will result in the part not being released.**

**QC Email: [quality\\_compliance@toyota.com](mailto:quality_compliance@toyota.com)**

- b) Refer to TIS for instructions on propeller shaft replacement.

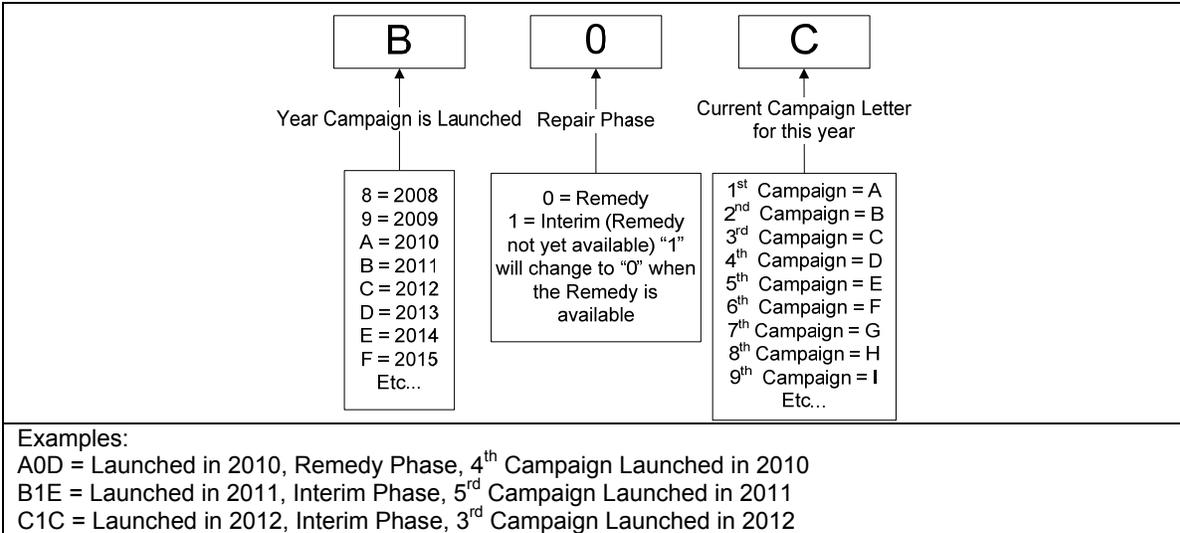
[REAR PROPELLER SHAFT REPLACEMENT \(2WD\)](#)  
[REAR PROPELLER SHAFT REPLACEMENT \(4WD\)](#)

### ◀ VERIFY REPAIR QUALITY ▶

- Confirm the lot number before replacing the rear propeller shaft assembly
- Confirm all steps outlined in TIS are followed when replacing the rear propeller shaft assembly
- If you have any questions regarding this recall, please contact your regional representative

## VI. APPENDIX

### A. CAMPAIGN DESIGNATION DECODER



### B. RECALL PARTS DISPOSAL

As required by Federal Regulations, please make sure all recalled parts (original parts) removed from the vehicle are disposed of in a manner in which they will not be reused, ***unless requested for parts recovery return.***

Tyson Siekiera / TMS Toyota Customer Services  
Product Quality and Service Support, Quality Compliance  
May 17, 2011  
Approved By: Bob Waltz

To: All Toyota Dealers  
From: Toyota Customer Services

Certain 2011 Model Year Tundra Vehicles  
Inspection and Possible Replacement of Rear Propeller Shaft

**\*\*\*\*\*UPDATE\*\*\*\*\***

- Toyota has updated the technical instructions to clarify the lot number inspection criteria.
- Toyota has updated the technical instructions to provide updated contact information.

**Please refer to the technical instructions found on TIS for full details on this update. Previous versions of these instructions should be discarded.**

Thank you for your cooperation