

Tyson Siekiera / TMS Toyota Customer Services
Product Quality and Service Support, Quality Compliance
September 1, 2011
Approved By: Bob Waltz

To: All Toyota Dealers
From: Toyota Customer Services

Safety Recall B0H– Certain 2011 Model Year Sienna AWD and Venza AWD Vehicles
Right-Hand Front Drive Shaft

*******UPDATE*******

- Toyota has removed the drive shaft part numbers from MAC, the Technical Instructions have been updated to reflect this change

Please refer to the Technical Instructions found on TIS for full details on this update. Previous versions of the Technical Instructions should be discarded.

Thank you for your cooperation

TECHNICAL INSTRUCTIONS

FOR

SAFETY RECALL B0H

RIGHT HAND FRONT DRIVE SHAFT ASSEMBLY INSPECTION

CERTAIN 2011 MODEL YEAR VENZA AWD

CERTAIN 2011 MODEL YEAR SIENNA AWD

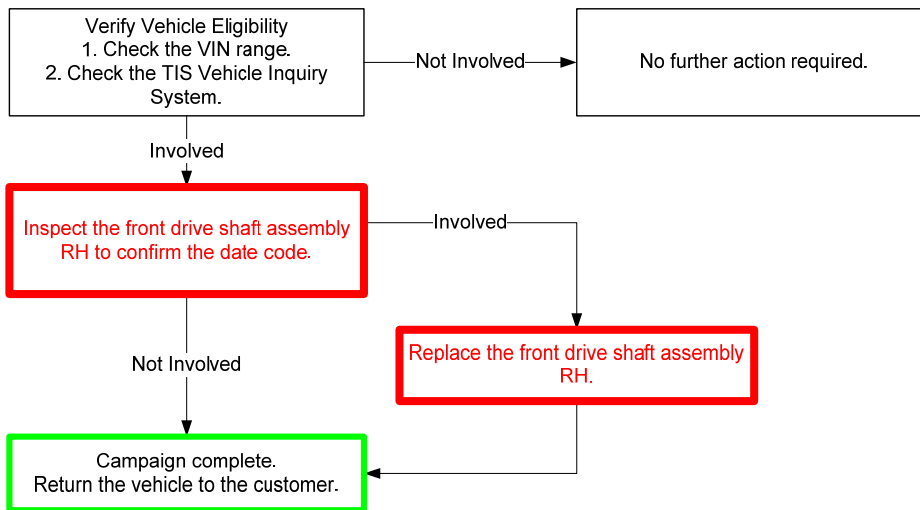
UPDATED SEPTEMBER 1, 2011

TECHNICAL INSTRUCTION UPDATE NOTICE:

- Information has been updated for parts ordering requirements, parts are no longer on MAC

Previous versions of these Technical Instructions should be discarded

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

A. AFFECTED VINs

ONLY the VINs listed below are affected by this Safety Recall.

Model	VIN
Venza	4T3BK3BB0BU052410
	4T3BK3BB0BU052469
	4T3BK3BB0BU052519
	4T3BK3BB1BU052500
	4T3BK3BB2BU052490
	4T3BK3BB2BU052540
	4T3BK3BB3BU052529
	4T3BK3BB4BU052409
	4T3BK3BB4BU052443
	4T3BK3BB4BU052474
	4T3BK3BB4BU052524
	4T3BK3BB4BU052605
	4T3BK3BB5BU052404
	4T3BK3BB5BU052581
	4T3BK3BB5BU052662
	4T3BK3BB6BU052380
	4T3BK3BB6BU052427
	4T3BK3BB6BU052458
	4T3BK3BB6BU052511
	4T3BK3BB6BU052525
	4T3BK3BB6BU052623
	4T3BK3BB7BU052405
	4T3BK3BB7BU052498
	4T3BK3BB7BU052551
	4T3BK3BB7BU052596
	4T3BK3BB8BU052574
	4T3BK3BB9BU052390
	4T3BK3BB9BU052423
	4T3BK3BB9BU052454
	4T3BK3BB9BU052597
	4T3BK3BBXBU052463
	4T3BK3BBXBU052480
4T3BK3BBXBU052575	
4T3BK3BBXBU052611	

Model	VIN
Sienna	5TDDK3DC0BS022081
	5TDDK3DC1BS021957
	5TDDK3DC1BS022056
	5TDDK3DC2BS022051
	5TDDK3DC3BS021961
	5TDDK3DC3BS022110
	5TDDK3DC4BS022052
	5TDDK3DC5BS021900
	5TDDK3DC6BS022053
	5TDDK3DC7BS021963
	5TDDK3DC7BS021977
	5TDDK3DCXBS022072
	5TDJK3DC1BS022092
	5TDJK3DC2BS022019
	5TDJK3DC2BS022103
5TDJK3DC9BS021952	

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	Model
43410-08060	Front Drive Shaft Assembly, RH	1	Sienna
43410-0T030	Front Drive Shaft Assembly, RH	1	Venza
90080-17238	Axle Shaft Nut	1	Sienna and Venza
90901-19060	Bearing Bracket Setting Bolt	1	Sienna and Venza
90521-73001	Bearing Bracket Hole Snap Ring	1	Sienna and Venza
95381-03025	Tie Rod End Cotter Pin	1	Sienna and Venza
12157-10010	Transfer Case Overflow Plug Gasket	2	Sienna and Venza
90430-12008	Transaxle Drain Plug Gasket	1	Sienna and Venza
90430-18008	Transaxle Service Plug Gasket	1	Sienna and Venza

NOTE:

- Only a small number of vehicles will require front drive shaft assembly replacement.

B. TOOLS & EQUIPMENT

- Standard hand tools
- Torque wrench
- Alignment machine

SST – These are essential special service tools that the dealership should have.

Part Number	Part Name	Quantity
00002-11100	Transmission fill system	1
09930-00010	Drive shaft nut chisel	1
09520-24010 (09521-32040)	Differential side gear tool (slide hammer)	1
09520-01010	Drive shaft remover attachment	1
09960-20010	Ball joint puller set*	1

*The set above includes the following tools.

Part Number	Part Name	Quantity
09961-02010	Ball joint puller assy	1
09961-02060	Spacer B (M12)	1

C. SUPPLIES

Sienna Supplies

Part Name	Quantity
Toyota Genuine ATF WS	Approximately 3.0 quarts
Toyota Genuine Differential Gear Oil LT API GL-5, SAE 75W-85	Approximately 0.9 quarts

Venza Supplies

Part Name	Quantity
Toyota Genuine ATF WS	Approximately 3.0 quarts
Toyota Genuine Differential Gear Oil API GL-5, SAE 90 Above 0°F SAE 80W or 80W-90 Below 0°F	Approximately 0.8 quarts

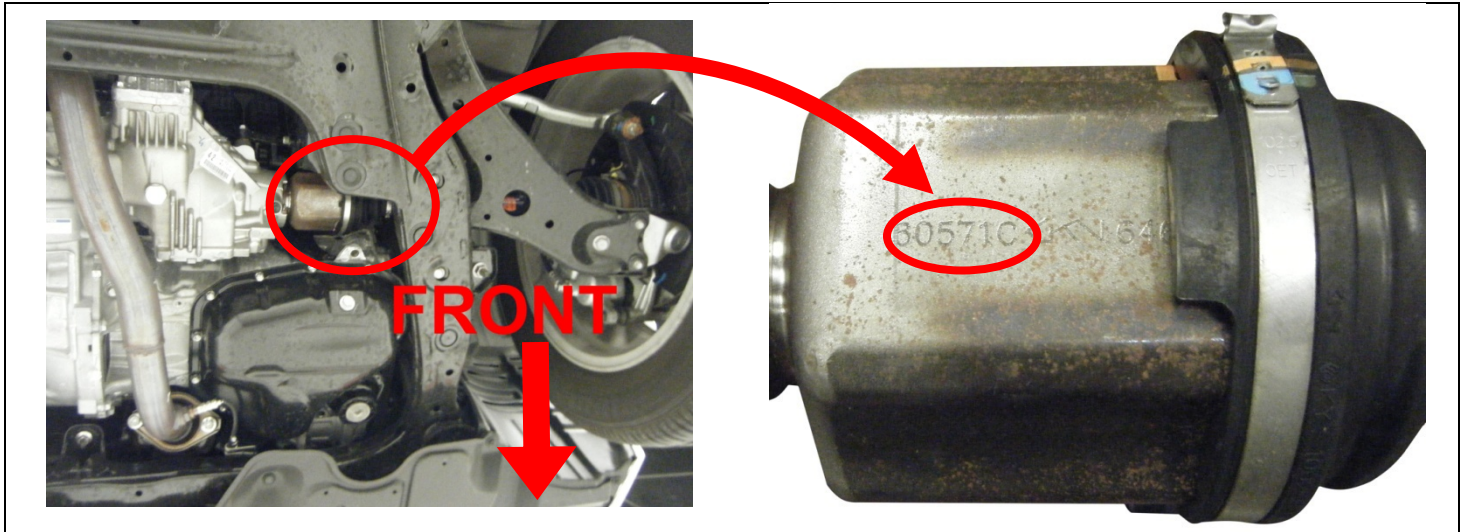
IV. BACKGROUND

In the right-hand front drive shaft of certain 2011 model year Sienna AWD and Venza AWD vehicles, due to an insufficient heat treatment of the drive shaft, there is a possibility that the drive shaft may break. If this occurs, engine power will not be transmitted to the wheels, and the vehicle will coast to a stop, increasing the risk of a rear collision.

V. WORK PROCEDURE

A. LOCATE AND INSPECT THE DATE CODE ON THE FRONT DRIVE SHAFT ASSEMBLY RH

1. TAKE A PICTURE OF THE DATE CODE



AFFECTED DATE CODES

60561A	60571A	60581A	60591A	60601A
60561B	60571B	60581B	60591B	60601B
60561C	60571C	60581C	60591C	60601C

NOTE: If the 6 digit date code cannot be determined, the drive shaft **SHOULD** be replaced.

a) Does the date code match any of the affected date codes listed?

NO – The vehicle **IS NOT** affected. Record the date code on the repair order AND attach a picture of the date code to the repair order. Campaign complete.

YES – The vehicle **IS** affected. The drive shaft must be replaced. Proceed to **STEP B**.

B. REPLACE THE FRONT DRIVE SHAFT ASSEMBLY RH

1. REFER TO TIS FOR INSTRUCTIONS ON FRONT DRIVE SHAFT ASSEMBLY REPLACEMENT

[FRONT DRIVE SHAFT ASSEMBLY REPLACEMENT \(VENZA\)](#)
[FRONT DRIVE SHAFT ASSEMBLY REPLACEMENT \(SIENNA\)](#)



Follow ALL steps as outlined on TIS when removing and installing the driveshaft.

When removing and installing the front drive shaft assembly RH in an AWD vehicle, the transaxle fluid and transfer case oil **MUST** be drained first. Failure to drain these fluids will cause the fluids to mix and extensive cleaning will be necessary.

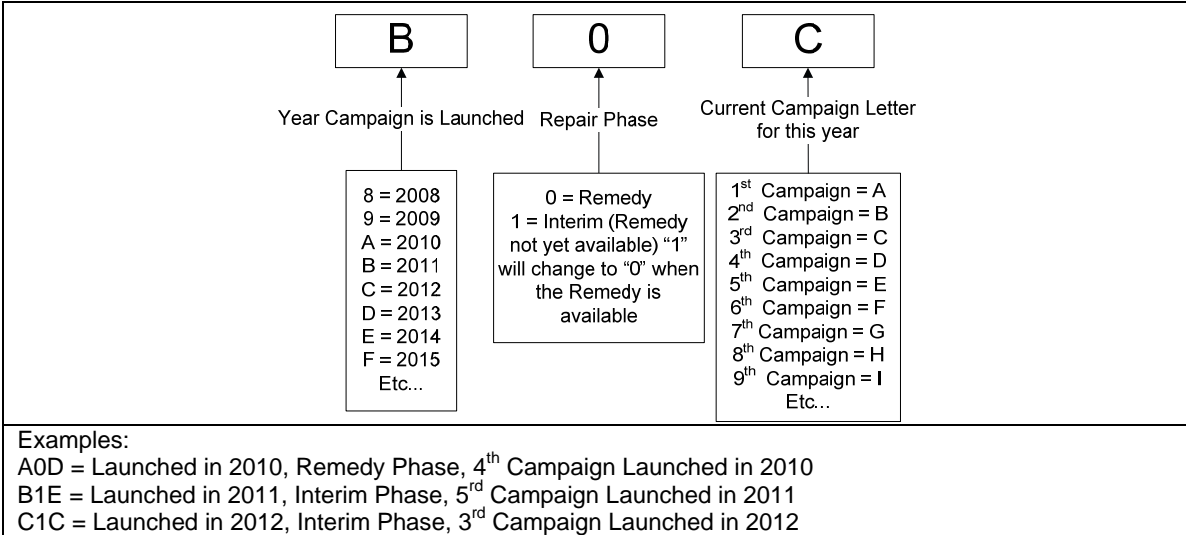
2. PERFORM VEHICLE ALIGNMENT

◀ VERIFY REPAIR QUALITY ▶

- Confirm the date code before replacing the front drive shaft assembly
- Confirm all steps outlined in TIS are followed when replacing the front drive shaft assembly
- Confirm the transmission fluid level and the transfer case oil level are set correctly
- 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.***