

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029TK5
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: DRIVE SHAFT / PROPELLER SHAFT: FRONT DRIVE SHAFT ASSEMBLY: REMOVAL; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed and installed, or replaced during front drive shaft assembly removal/installation are shown below.

CAUTION / NOTICE / HINT

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Front wheel alignment adjustment	Perform "Calibration"	<ul style="list-style-type: none"> • DTCs are stored • ABS warning light illuminates • Brake system warning light (yellow indicator) illuminates • Slip indicator light illuminates • Electronically controlled brake system disabled or malfunctions 	INFO
Suspension parts	Rear television camera assembly optical axis (Back camera position setting)	Parking Assist Monitor System	INFO
	Parking assist ECU initialization	Panoramic View Monitor System	INFO
		Advanced Park	INFO
Tires	<ul style="list-style-type: none"> • Initialization*1*2 • Tire Position Identification*1*2 	Tire Pressure Warning System	Refer to Procedures Necessary When Replacing Parts (for Tire Pressure Warning System) table below INFO

*1: Also necessary after performing a tire rotation.

*2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.

*3: The vehicle height changes because of tire replacement.

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
	Rear television camera assembly optical axis (Back camera position setting)*3	Parking Assist Monitor System	INFO
	Parking assist ECU initialization*3	Panoramic View Monitor System	INFO
		Advanced Park	INFO
<p>*1: Also necessary after performing a tire rotation.</p> <p>*2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.</p> <p>*3: The vehicle height changes because of tire replacement.</p>			

CAUTION / NOTICE / HINT

HINT:

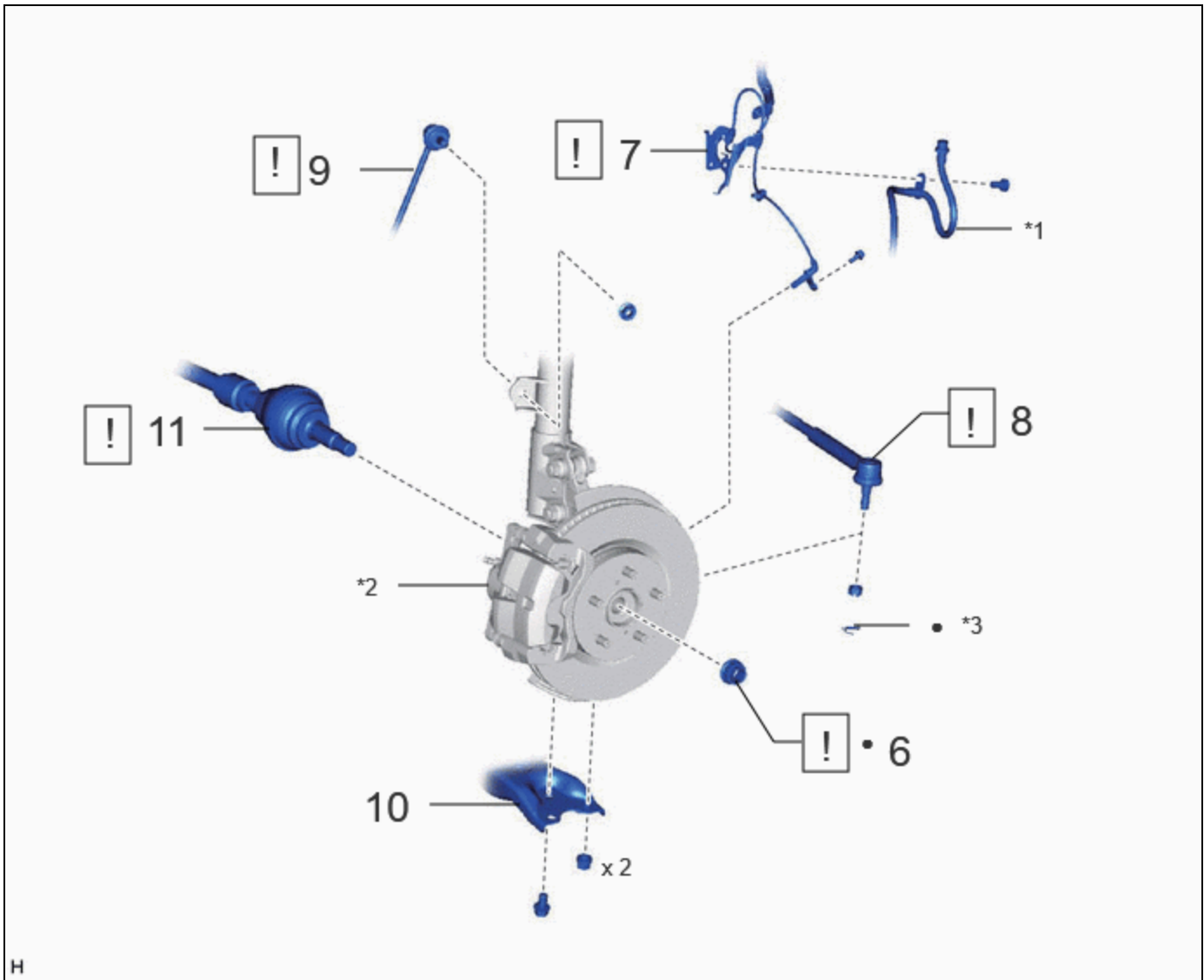
- Use the same procedure for the RH side and LH side.
- The following procedure is for the LH side.

CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)

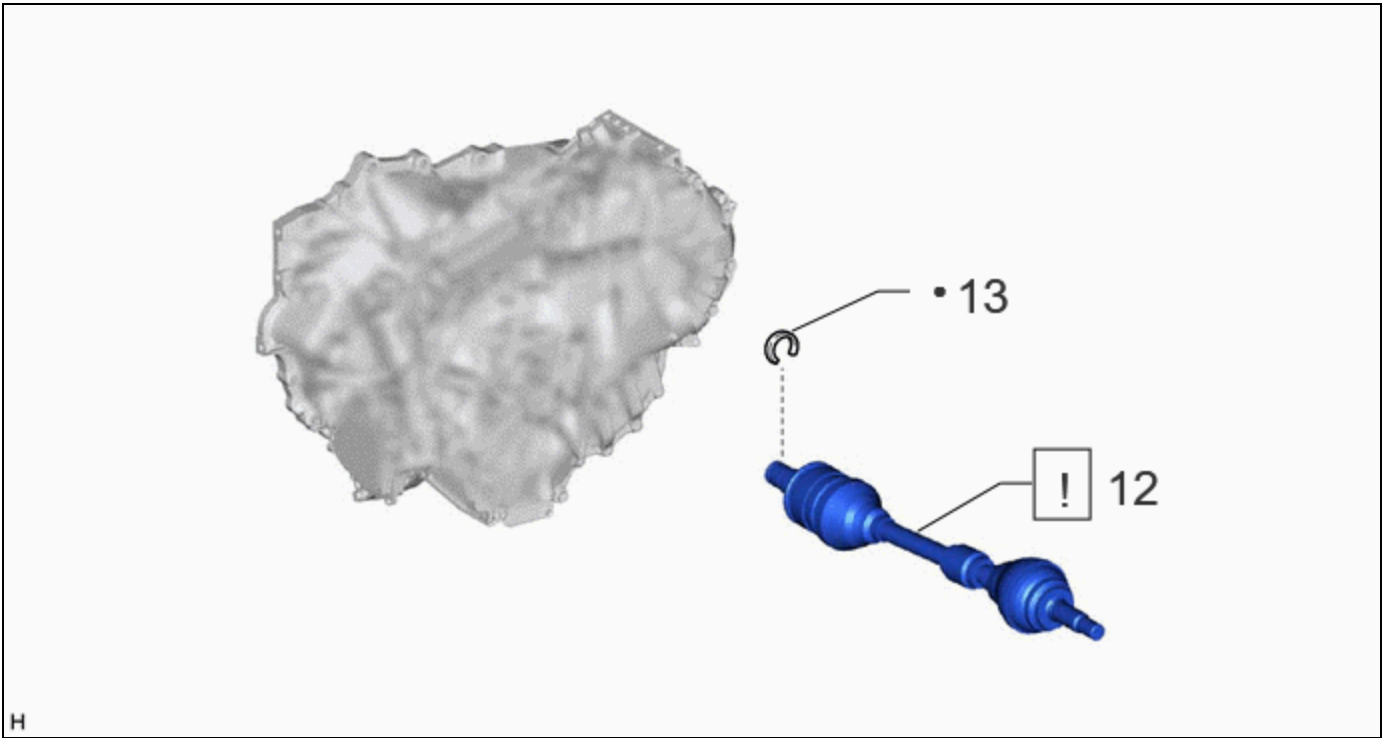


PROCEDURE		PART NAME CODE	!	📄	⚙️
1	FRONT WHEELS	-	-	-	-
2	NO. 1 ENGINE UNDER COVER ASSEMBLY	51410	-	-	-
3	REAR ENGINE UNDER COVER LH	51444A	INFO	-	-
4	REAR ENGINE UNDER COVER RH	51443C	-	-	-
5	HYBRID TRANSAXLE FLUID	-	-	INFO	-



PROCEDURE		PART NAME CODE			
6	FRONT AXLE SHAFT NUT	43502H	INFO	-	-
7	FRONT SPEED SENSOR	89543	INFO	-	-
8	TIE ROD END SUB-ASSEMBLY	45047	INFO	-	-
9	FRONT STABILIZER LINK ASSEMBLY	48810	INFO	-	-
10	FRONT LOWER NO. 1 SUSPENSION ARM SUB-ASSEMBLY	48069	-	-	-
11	FRONT DRIVE SHAFT ASSEMBLY	43420	INFO	-	-

*1	FRONT FLEXIBLE HOSE	*2	FRONT AXLE ASSEMBLY
*3	COTTER PIN	-	-
•	Non-reusable part	-	-



PROCEDURE		PART NAME CODE			
12	FRONT DRIVE SHAFT ASSEMBLY	43420	INFO	-	-
13	FRONT DRIVE SHAFT HOLE SNAP RING	43420G	-	-	-

•	Non-reusable part	-	-
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PROCEDURE

1. REMOVE FRONT WHEELS

Click here [INFO](#)

2. REMOVE NO. 1 ENGINE UNDER COVER ASSEMBLY

for M20A-FXS: Click here [INFO](#)

for 2ZR-FXE: Click here [INFO](#)

3. REMOVE REAR ENGINE UNDER COVER LH

	<ul style="list-style-type: none"> Use the same procedure as for the RH side. for M20A-FXS: Click here INFO for 2ZR-FXE: Click here INFO
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4. REMOVE REAR ENGINE UNDER COVER RH

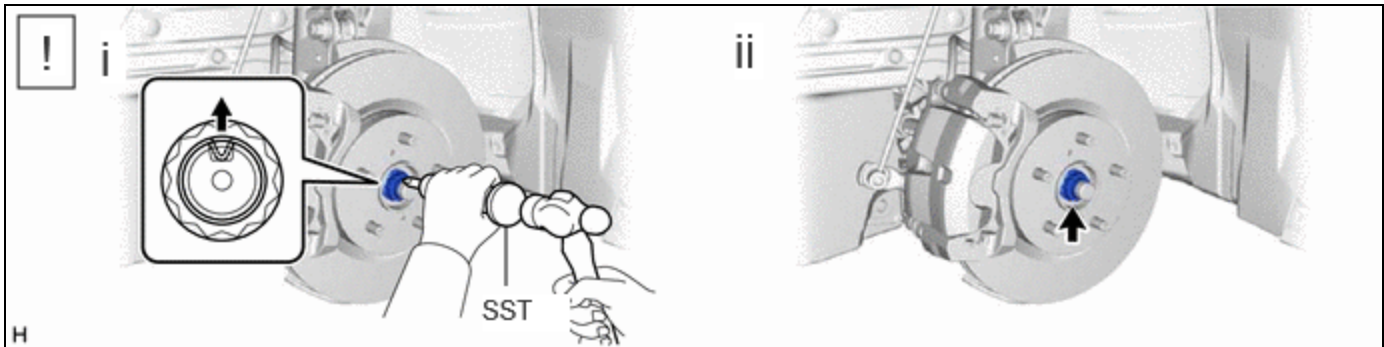
for M20A-FXS: Click here [INFO](#)

for 2ZR-FXE: Click here [INFO](#)

5. DRAIN HYBRID TRANSAXLE FLUID

Click here [INFO](#)

6. REMOVE FRONT AXLE SHAFT NUT



(1) Using SST and a hammer, release the staked part of the front axle shaft nut.

SST: 09930-00010

NOTICE:

Loosen the staked part of the front axle shaft nut completely, otherwise the threads of the drive shaft may be damaged.

(2) While applying the brakes, remove the front axle shaft nut.

7. SEPARATE FRONT SPEED SENSOR

	Click here INFO
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8. SEPARATE TIE ROD END SUB-ASSEMBLY

	Click here INFO
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9. SEPARATE FRONT STABILIZER LINK ASSEMBLY

	Click here INFO
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10. SEPARATE FRONT LOWER NO. 1 SUSPENSION ARM SUB-ASSEMBLY

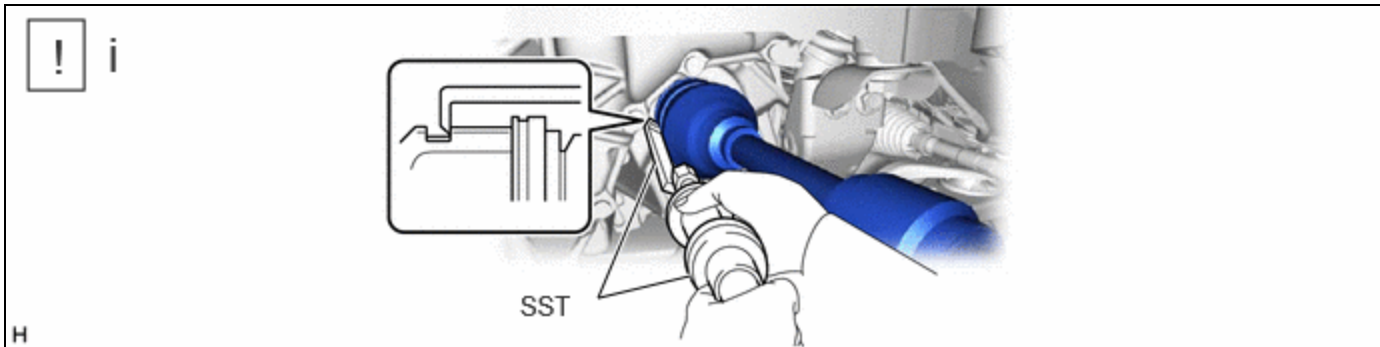
Click here [INFO](#)

11. SEPARATE FRONT DRIVE SHAFT ASSEMBLY



Click here [INFO](#)

12. REMOVE FRONT DRIVE SHAFT ASSEMBLY



(1) Using SST, remove the front drive shaft assembly.

SST: 09520-01011

SST: 09520-20010

09521-02010

09521-02040

09521-02060

NOTICE:

- Do not damage the front drive shaft oil seal.
- Do not damage the front axle inboard joint boot.
- Do not drop the front drive shaft assembly.

13. REMOVE FRONT DRIVE SHAFT HOLE SNAP RING

