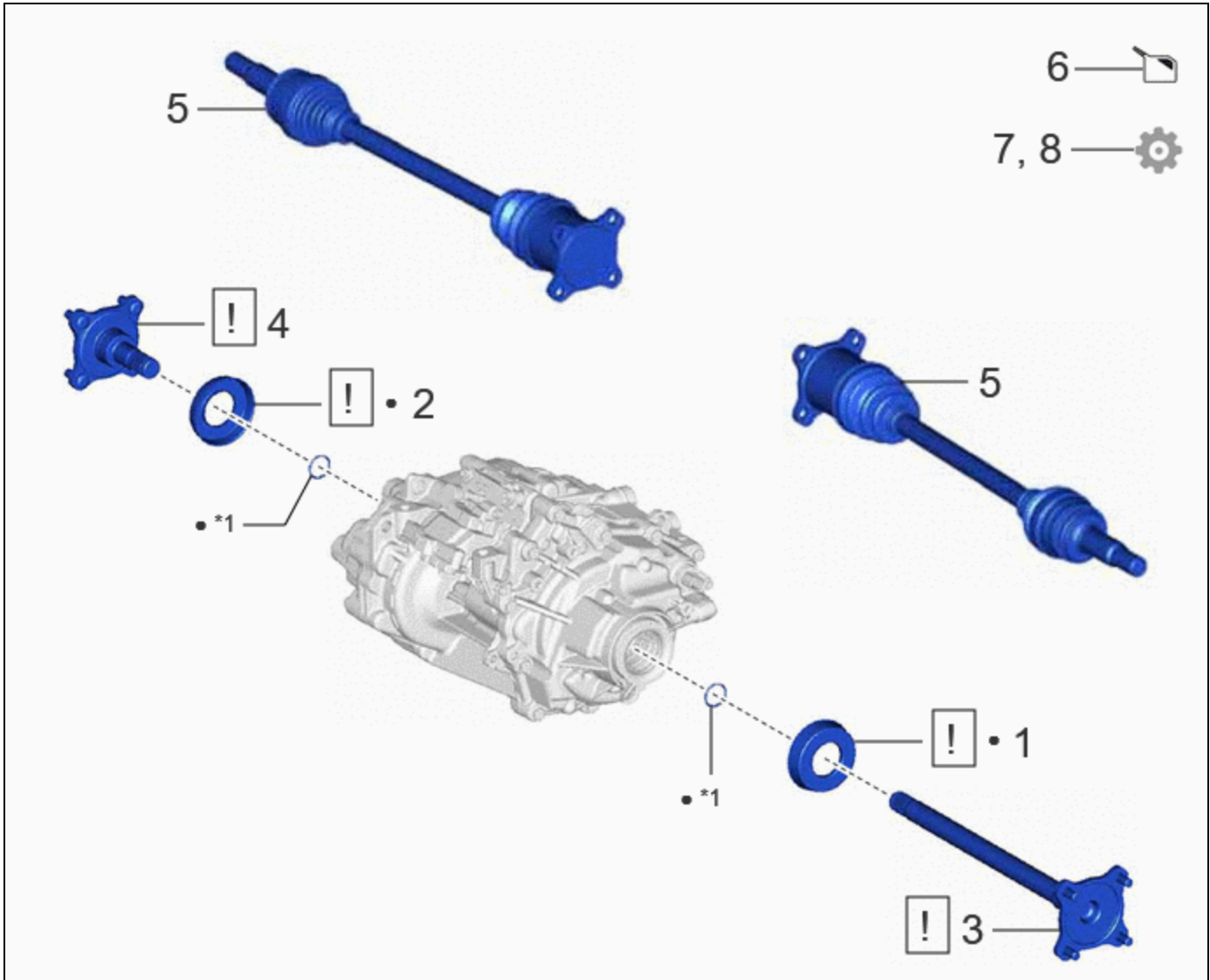


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029YM8
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: Q810 (HYBRID TRANSMISSION / TRANSAXLE): DIFFERENTIAL SIDE GEAR SHAFT: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		




INSTALLATION

CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)



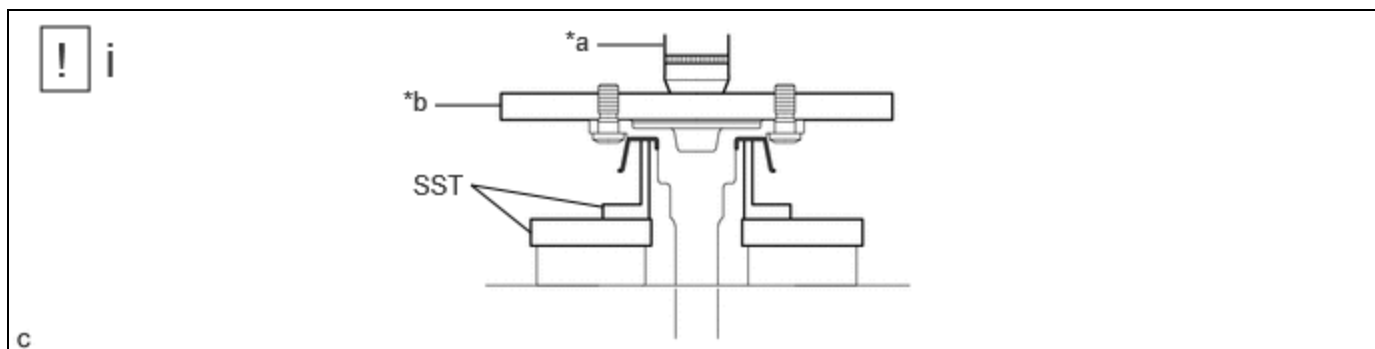
	PROCEDURE	PART NAME CODE			
1	DIFFERENTIAL SIDE GEAR SHAFT DUST COVER LH	41336M	INFO	-	-
2	DIFFERENTIAL SIDE GEAR SHAFT DUST COVER RH	41336L	INFO	-	-

PROCEDURE		PART NAME CODE			
3	DIFFERENTIAL SIDE GEAR SHAFT SUB-ASSEMBLY LH	41309L	INFO	-	-
4	DIFFERENTIAL SIDE GEAR SHAFT SUB-ASSEMBLY RH	41309K	INFO	-	-
5	REAR DRIVE SHAFT ASSEMBLY	-	-	-	-
6	ADD HYBRID TRANSAXLE FLUID	-	-	INFO	-
7	INSPECT HYBRID TRANSAXLE FLUID	-	-	-	INFO
8	INSPECT FOR HYBRID TRANSAXLE FLUID LEAK	-	-	-	INFO

*1	SNAP RING	-	-
•	Non-reusable part	-	-

PROCEDURE

1. INSTALL DIFFERENTIAL SIDE GEAR SHAFT DUST COVER LH



*a	Press	*b	Steel Plate
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(1) Using SST, a steel plate and press, install a new differential side gear shaft dust cover LH to the differential side gear shaft sub-assembly LH.

SST: 09316-20011

SST: 09527-20011

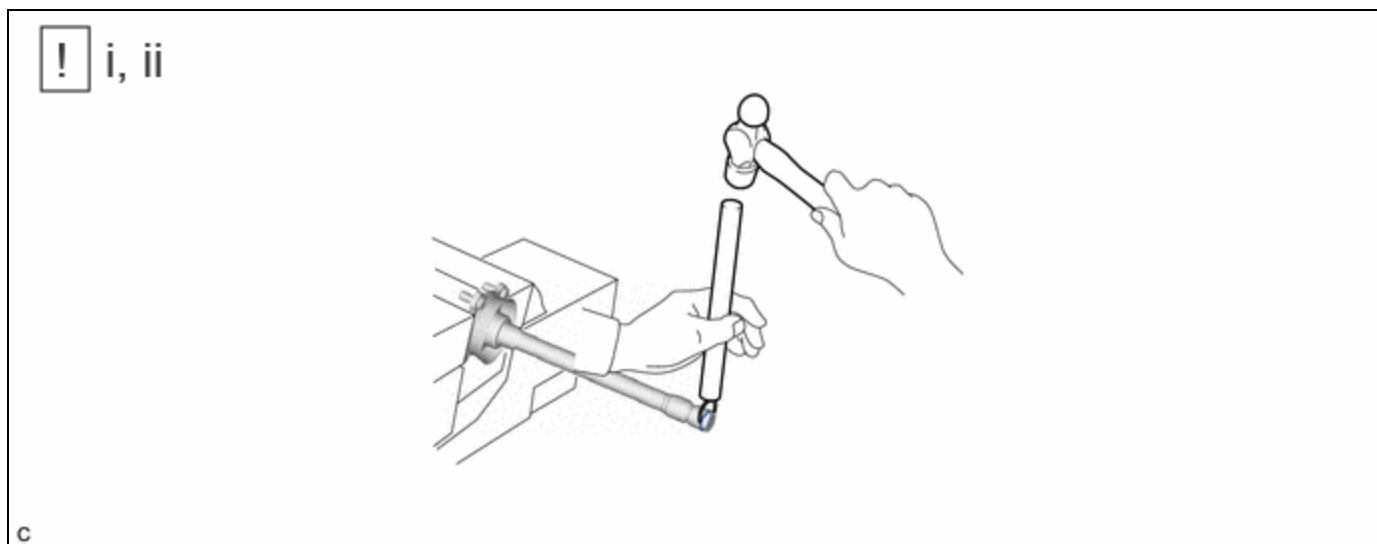
NOTICE:

- Be sure install the differential side gear shaft dust cover LH so that there is no clearance between the edge of the differential side gear shaft dust cover LH and differential side gear shaft sub-assembly LH.
- Do not damage the differential side gear shaft dust cover LH.

2. INSTALL DIFFERENTIAL SIDE GEAR SHAFT DUST COVER RH

(a) Perform the same procedure as for the LH side.

3. INSTALL DIFFERENTIAL SIDE GEAR SHAFT SUB-ASSEMBLY LH

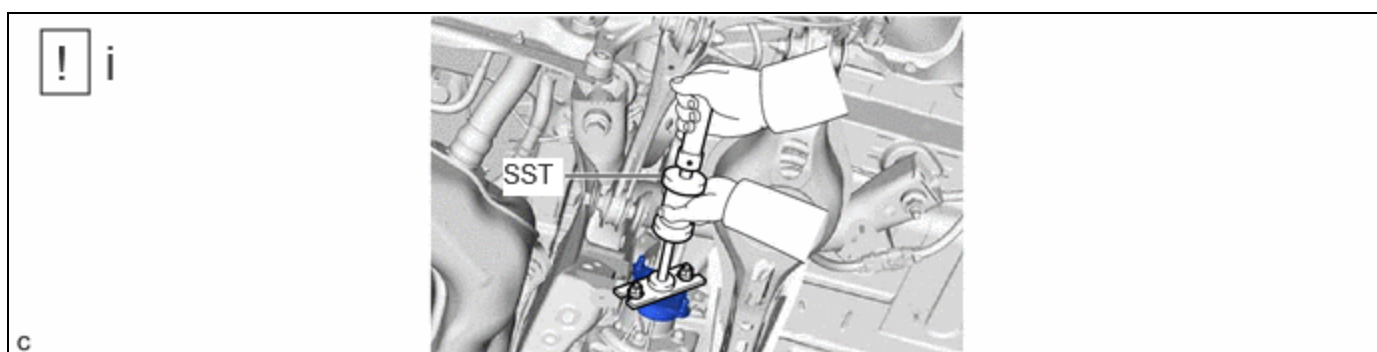


(1) Secure the differential side gear shaft sub-assembly LH in a vise between aluminum plates.

NOTICE:

Do not overtighten the vise.

(2) Using a brass bar and hammer, install a new snap ring to the differential side gear shaft sub-assembly LH.



(1) Secure SST to the differential side gear shaft sub-assembly LH with 2 nuts as shown in the illustration and install the differential side gear shaft sub-assembly LH to the rear traction motor with transaxle assembly.

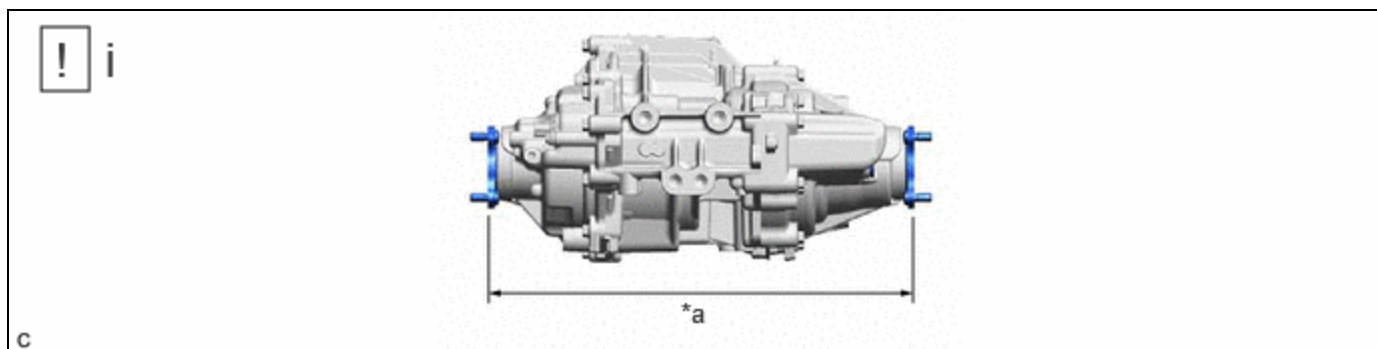
SST: 09520-24010

09520-04010

09520-32040

NOTICE:

- Position the snap ring with its end gap facing downward.
- Do not install the differential side gear shaft sub-assembly LH at an angle. If the differential side gear shaft sub-assembly LH is installed at an angle, replace the snap ring with a new one.
- Do not damage the differential side gear shaft type T oil seal LH.



*a	Less than 471.4 mm (1.55 ft.)	-	-
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(1) Using a vernier caliper, measure the distance between the differential side gear shaft sub-assembly LH and differential side gear shaft sub-assembly RH as shown in the illustration.

Distance (for Reference):

Less than 471.4 mm (1.55 ft.)

4. INSTALL DIFFERENTIAL SIDE GEAR SHAFT SUB-ASSEMBLY RH

(a) Perform the same procedure as for the LH side.

5. INSTALL REAR DRIVE SHAFT ASSEMBLY

Click here 

6. ADD HYBRID TRANSAXLE FLUID

Click here 

7. INSPECT HYBRID TRANSAXLE FLUID

Click here 

8. INSPECT FOR HYBRID TRANSAXLE FLUID LEAK

Click here 

