

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000029YMA
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> Q810 (HYBRID TRANSMISSION / TRANSAXLE): HYBRID TRANSAXLE SIDE GEAR OIL SEAL: REPLACEMENT; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## REPLACEMENT

### CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization or registration) that must be performed after parts are removed and installed, or replaced during differential side gear shaft type T oil seal LH or differential side gear shaft type T oil seal RH removal/installation are shown below.

#### **Necessary Procedures after parts removed/installed/replaced**

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

\*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.

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
		<ul style="list-style-type: none"> <li>Electronically controlled brake system disabled or malfunctions</li> </ul>	
<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>			

## PROCEDURE

### 1. REMOVE DIFFERENTIAL SIDE GEAR SHAFT SUB-ASSEMBLY LH

Click here [INFO](#)

### 2. REMOVE DIFFERENTIAL SIDE GEAR SHAFT SUB-ASSEMBLY RH

Click here [INFO](#)

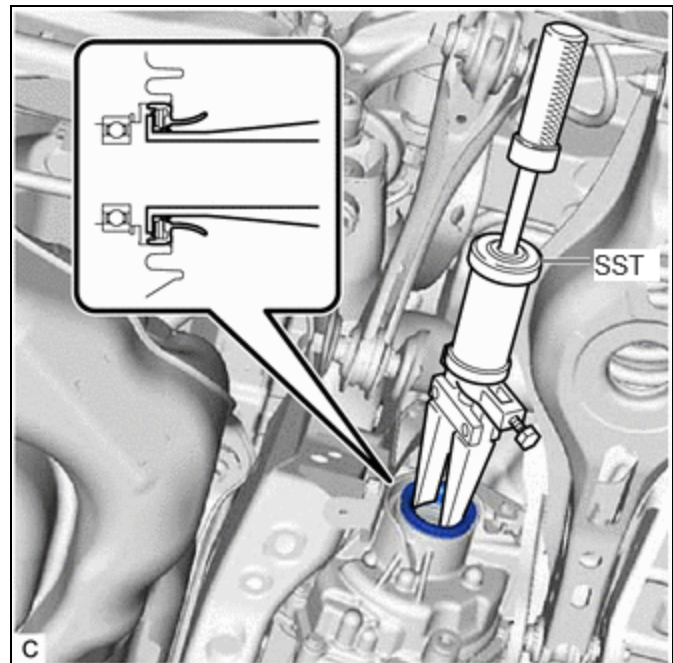
### 3. REMOVE DIFFERENTIAL SIDE GEAR SHAFT TYPE T OIL SEAL LH

- (a) Using SST, remove the differential side gear shaft type T oil seal LH from the rear traction motor with transaxle assembly.

**SST: 09308-00010**

**NOTICE:**

Do not damage the rear traction motor with transaxle assembly.



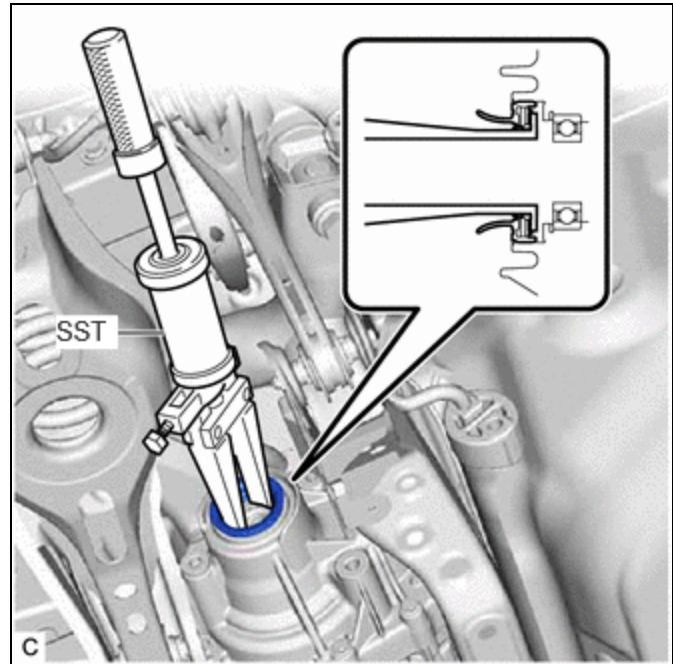
### 4. REMOVE DIFFERENTIAL SIDE GEAR SHAFT TYPE T OIL SEAL RH

- (a) Using SST, remove the differential side gear shaft type T oil seal RH from the rear traction motor with transaxle assembly.

**SST: 09308-00010**

**NOTICE:**

Do not damage the rear traction motor with transaxle assembly.

**5. INSTALL DIFFERENTIAL SIDE GEAR SHAFT TYPE T OIL SEAL LH**

- (a) Using SST and a hammer, install a new differential side gear shaft type T oil seal LH to the rear traction motor with transaxle assembly.

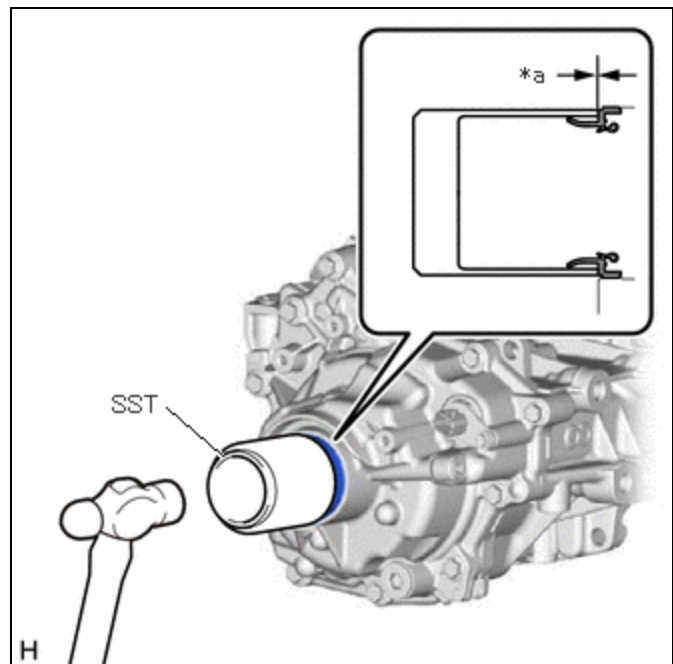
**SST: 09223-00010**

Standard Depth:

-0.5 to 0.5 mm (-0.0197 to 0.0197 in.)

**NOTICE:**

- Evenly tap in the differential side gear shaft type T oil seal LH to prevent it from being installed at an angle.
- Be careful not to damage the lip of the differential side gear shaft type T oil seal LH.



*a	Depth
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- (b) Coat the lip of the differential side gear shaft type T oil seal LH with a small amount of MP grease.

**6. INSTALL DIFFERENTIAL SIDE GEAR SHAFT TYPE T OIL SEAL RH**

- (a) Using SST and a hammer, install a new differential side gear shaft type T oil seal RH to the rear

traction motor with transaxle assembly.

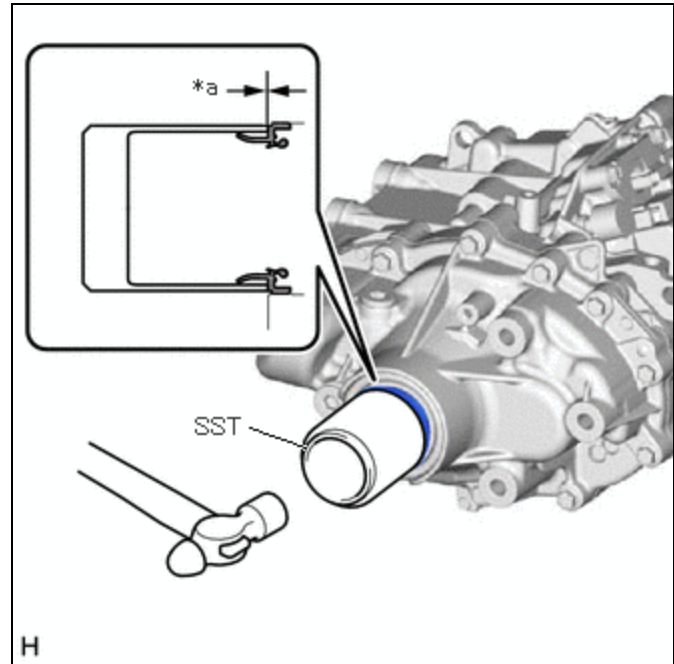
**SST: 09223-00010**

Standard Depth:

-0.5 to 0.5 mm (-0.0197 to 0.0197 in.)

**NOTICE:**

- Evenly tap in the differential side gear shaft type T oil seal RH to prevent it from being installed at an angle.
- Be careful not to damage the lip of the differential side gear shaft type T oil seal RH.



*a	Depth
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(b) Coat the lip of the differential side gear shaft type T oil seal RH with a small amount of MP grease.

**7. INSTALL DIFFERENTIAL SIDE GEAR SHAFT SUB-ASSEMBLY LH**

Click here [INFO](#)

**8. INSTALL DIFFERENTIAL SIDE GEAR SHAFT SUB-ASSEMBLY RH**

Click here [INFO](#)

