

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002BO73
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: AXLE AND DIFFERENTIAL: REAR AXLE HUB (for 2WD): REMOVAL; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

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 rear axle hub and bearing assembly 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
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) INFO
	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 suspension or tire replacement.</p>			

HINT:

When the cable is disconnected / reconnected to the auxiliary battery terminal, systems temporarily stop operating. However, each system has a function that completes learning the first time the system is used.

Learning completes when vehicle is driven

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 second or more.	INFO

Learning completes when vehicle is operated normally

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Power Door Lock Control System*1 <ul style="list-style-type: none"> Back door opener 	Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch.	INFO
Power Back Door System*2	Reset back door close position	INFO
Air Conditioning System	for HEV Model: After the ignition switch is turned to ON, the servo motor standard position is recognized. for PHEV Model: After the ignition switch is turned to ON, the servo motor and expansion valve standard position is recognized.	-
*1: w/o Power Back Door System *2: w/ Power Back Door System		

CAUTION / NOTICE / HINT

NOTICE:

- When the brake pedal is first depressed after replacing the brake pads or pushing back the disc brake piston, DTCs may be stored. As there is no malfunction, clear the DTC.
- While the auxiliary battery is connected, even if the ignition switch is off, the brake control system activates when the brake pedal is depressed or any door courtesy switch turns on. Therefore, when servicing the brake system components, do not operate the brake pedal or open/close the doors while the auxiliary battery is connected.

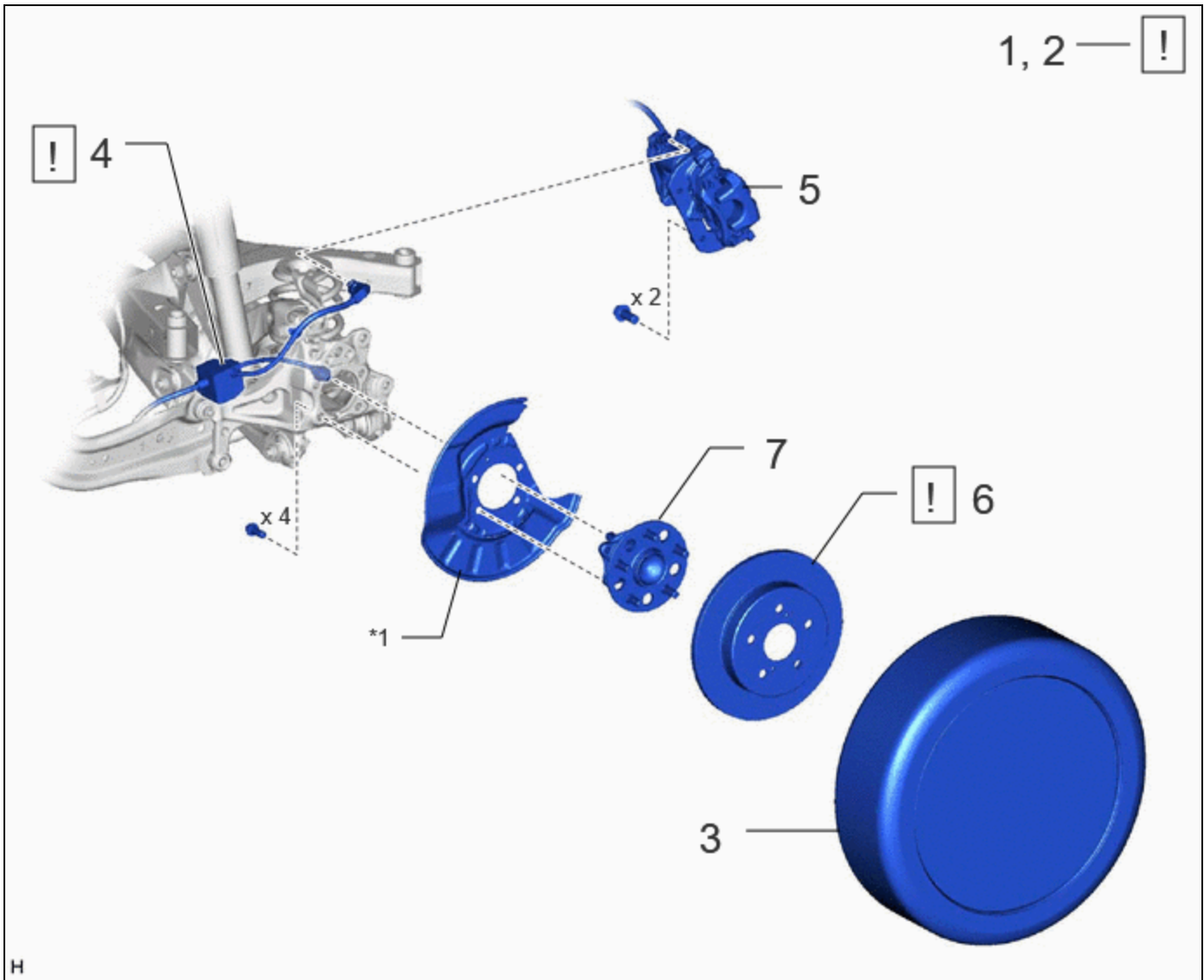
CAUTION / NOTICE / HINT

HINT:

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

CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



PROCEDURE		PART NAME CODE	!	📄	⚙️
1	PRECAUTION	-	INFO	-	-
2	DISABLE BRAKE CONTROL	-	INFO	-	-
3	REAR WHEEL	-	-	-	-
4	NO. 2 PARKING BRAKE WIRE ASSEMBLY	890C0A	INFO	-	-
5	REAR DISC BRAKE CALIPER ASSEMBLY	-	-	-	-
6	REAR DISC	42431	INFO	-	-
7	REAR AXLE HUB AND BEARING ASSEMBLY	42450B	-	-	-

*1	REAR DISC BRAKE DUST COVER SUB-ASSEMBLY	-	-
----	---	---	---

PROCEDURE

1. PRECAUTION

	<p>NOTICE:</p> <p>After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.</p> <p>Click here INFO</p>
--	--

2. DISABLE BRAKE CONTROL

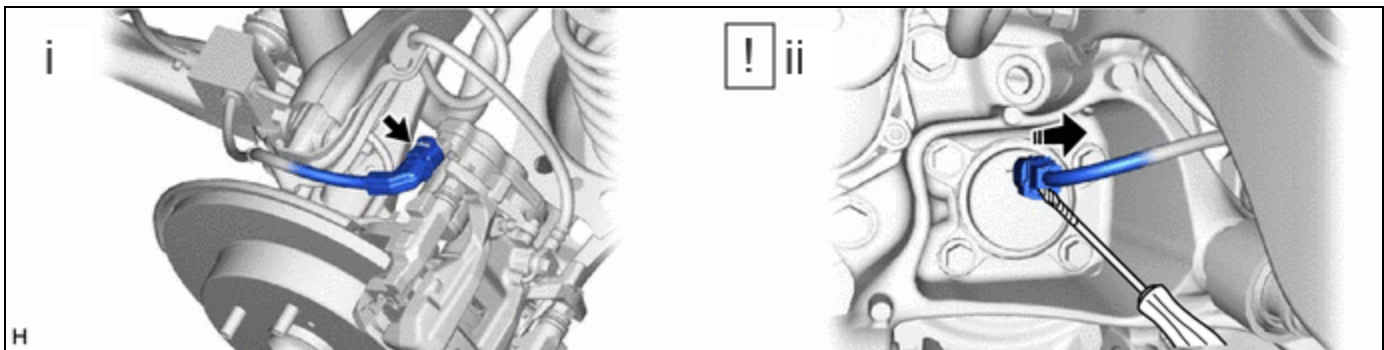
	Click here INFO
--	---------------------------------

3. REMOVE REAR WHEEL

Click here [INFO](#)

4. DISCONNECT NO. 2 PARKING BRAKE WIRE ASSEMBLY

	<p>NOTICE:</p> <ul style="list-style-type: none"> Remove any dirt or foreign matter on and around the No. 2 parking brake wire assembly connector before performing this step. Do not allow water, oil or dirt to enter the No. 2 parking brake wire assembly connector.
--	---



- (1) Disconnect the No. 2 parking brake wire assembly connector from the parking brake actuator assembly.
- (2) Using a screwdriver with its tip wrapped in protective tape, disconnect the No. 2 parking brake wire assembly connector from the rear axle hub and bearing assembly.

NOTICE:

Be careful not to damage the rear axle hub and bearing assembly and connector cover.

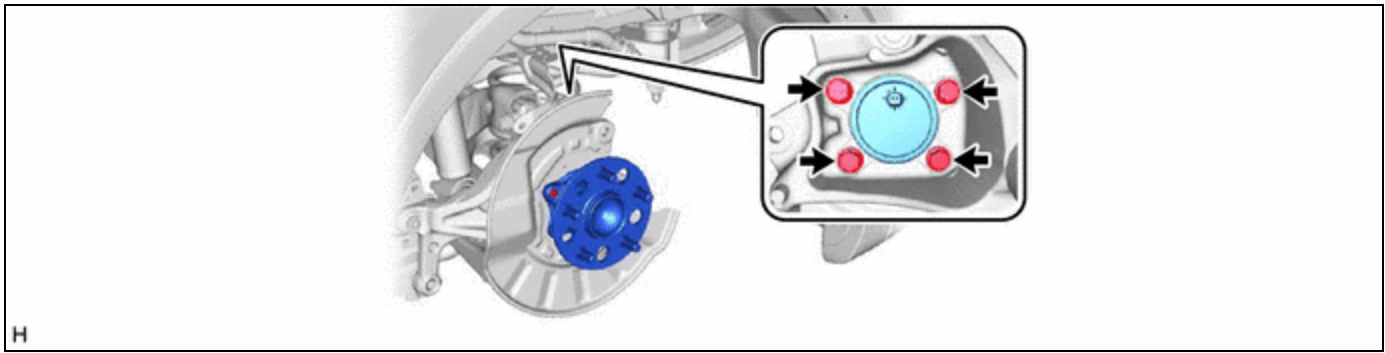
5. SEPARATE REAR DISC BRAKE CALIPER ASSEMBLY

Click here [INFO](#)

6. REMOVE REAR DISC

	Click here INFO
--	---------------------------------

7. REMOVE REAR AXLE HUB AND BEARING ASSEMBLY



H

