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|--|---------------------------|--------------------------------------|
| <b>Last Modified:</b> 12-04-2024   | 6.11:8.1.0                | <b>Doc ID:</b> RM100000002BO73       |
| <b>Model Year Start:</b> 2023  | <b>Model:</b> Prius Prime | <b>Prod Date Range:</b> [03/2023 - ] |
| <b>Title:</b> 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"> <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)<br><a href="#">INFO</a> |
|   | Rear television camera assembly optical axis (Back camera position setting)*3                                  | Parking Assist Monitor System                                      | <a href="#">INFO</a>  |
|   | Parking assist ECU initialization*3  | Panoramic View Monitor System                                      | <a href="#">INFO</a>  |
|   |  | Advanced Park  | <a href="#">INFO</a>  |
| <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. | <a href="#">INFO</a> |

#### **Learning completes when vehicle is operated normally**

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

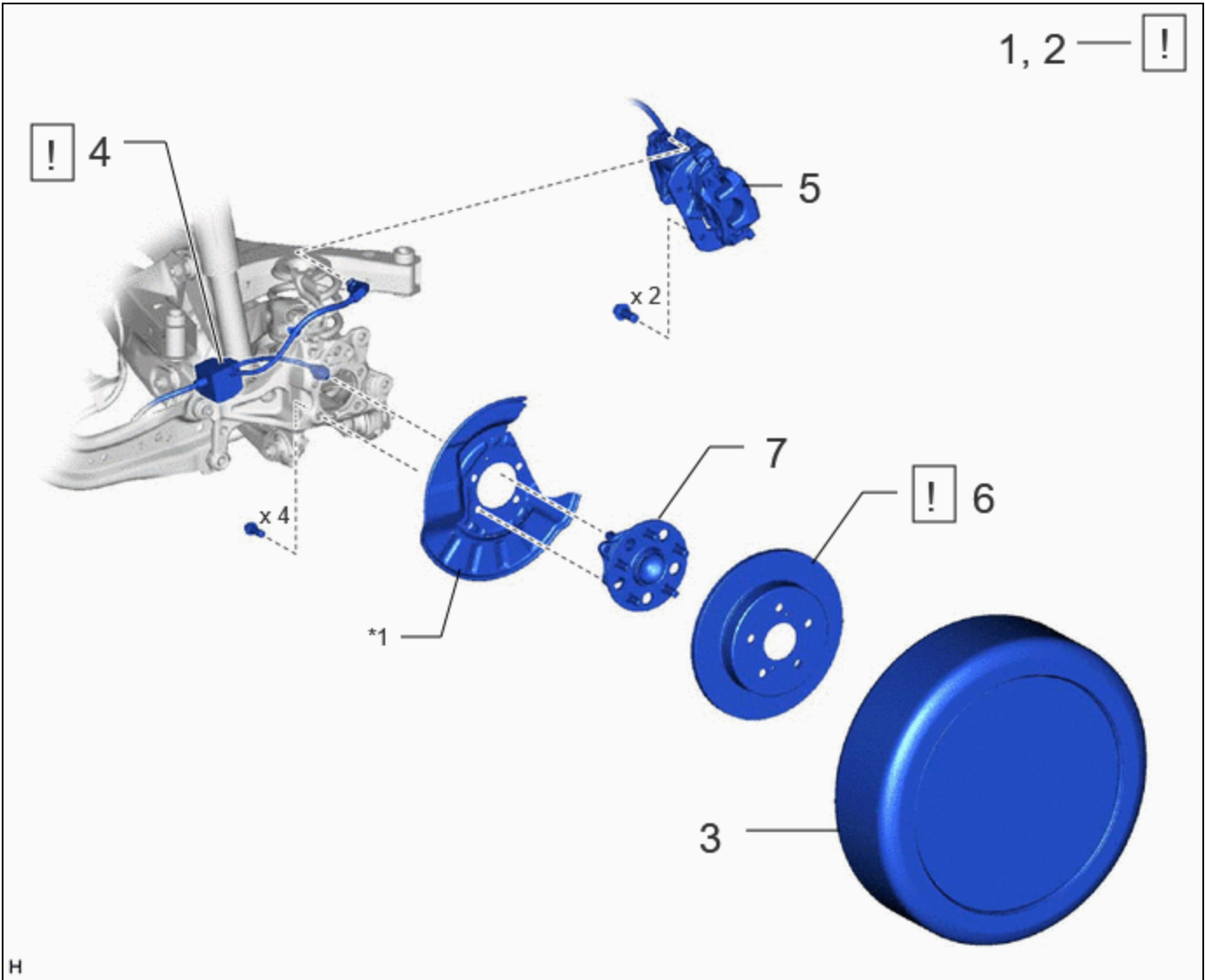
## CAUTION / NOTICE / HINT

### 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

**NOTICE:**

After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.

Click here [INFO](#)

**2. DISABLE BRAKE CONTROL**

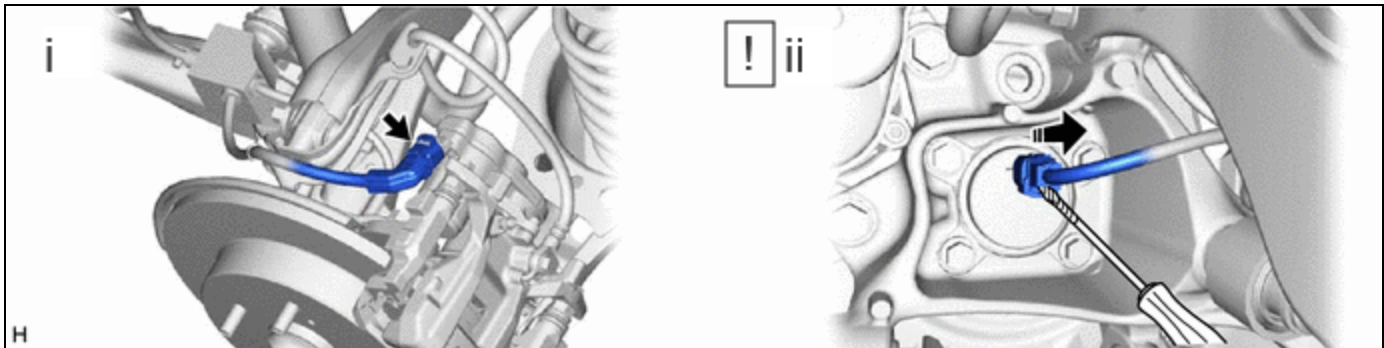
Click here [INFO](#)

**3. REMOVE REAR WHEEL**

Click here [INFO](#)

**4. DISCONNECT NO. 2 PARKING BRAKE WIRE ASSEMBLY****NOTICE:**

- 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.

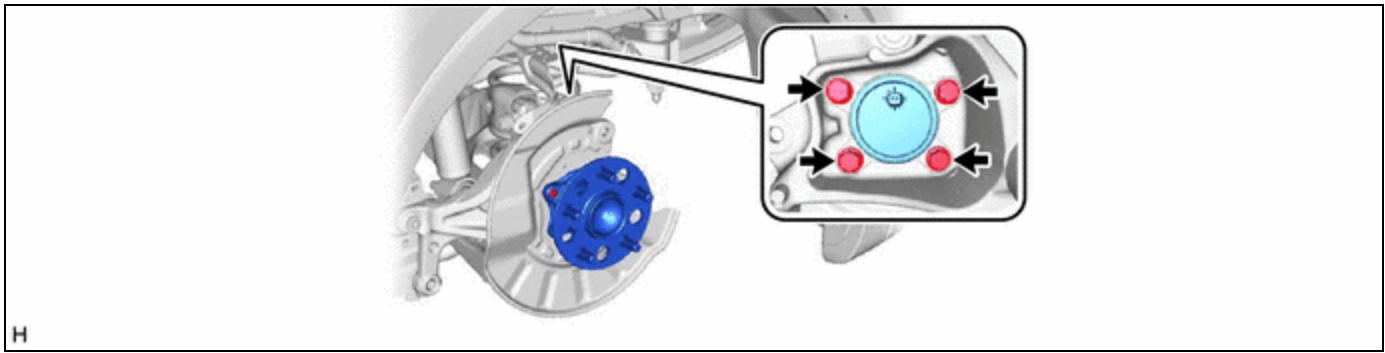
**5. SEPARATE REAR DISC BRAKE CALIPER ASSEMBLY**

Click here [INFO](#)

**6. REMOVE REAR DISC**

Click here [INFO](#)

### 7. REMOVE REAR AXLE HUB AND BEARING ASSEMBLY



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