

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM10000002BO79
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> REAR SUSPENSION: REAR LOWER ARM (for AWD LH Side): 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 suspension arm assembly LH 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
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> <li>• Electronically controlled brake system disabled or malfunctions</li> </ul>	<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) <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>

\*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 suspension or tire replacement.

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>
Gas leak from exhaust system is repaired	Inspection after repair	<ul style="list-style-type: none"> <li>• Poor idle, etc.</li> <li>• Engine start function, etc.</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.

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

## CAUTION / NOTICE / HINT

**CAUTION:**

- Orange wire harnesses and connectors indicate high-voltage circuits. To prevent electric shock, always follow



the procedure described in the repair manual.

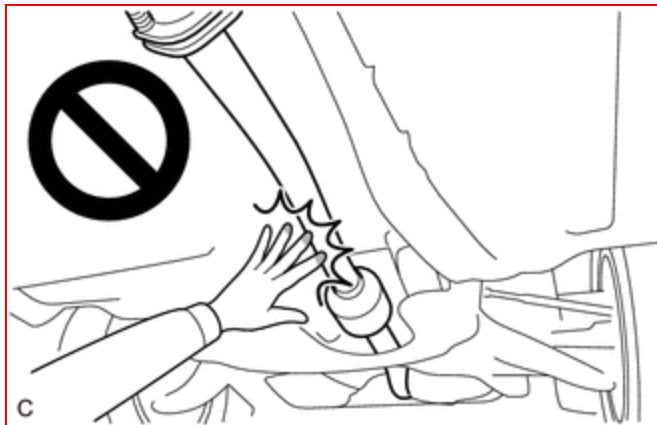
[Click here](#) [INFO](#)

- To prevent electric shock, wear insulated gloves when working on wire harnesses and components of the high



voltage system.

- To prevent burns, do not touch the engine, exhaust pipe or other high temperature components while the



engine is hot.

**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 seconds 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 <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>	-

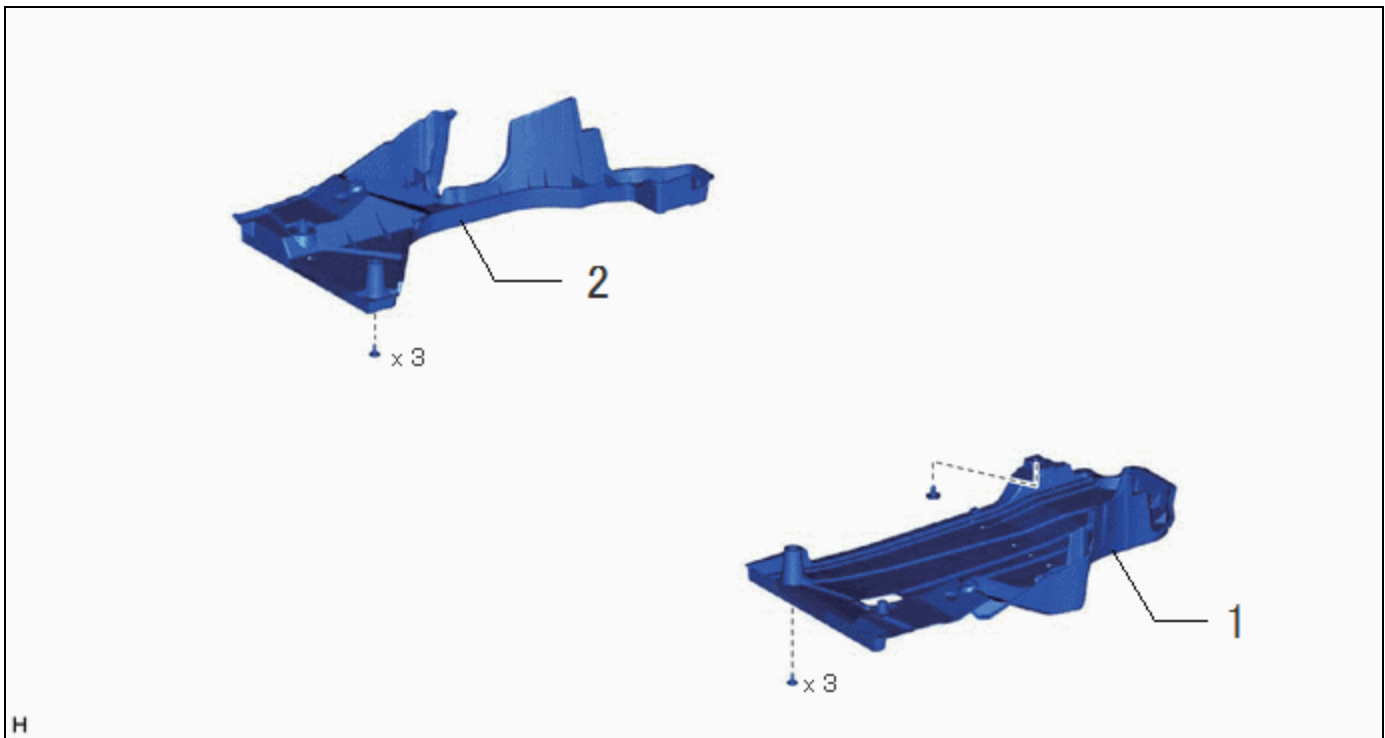
\*1: w/o Power Back Door System

\*2: w/ Power Back Door System

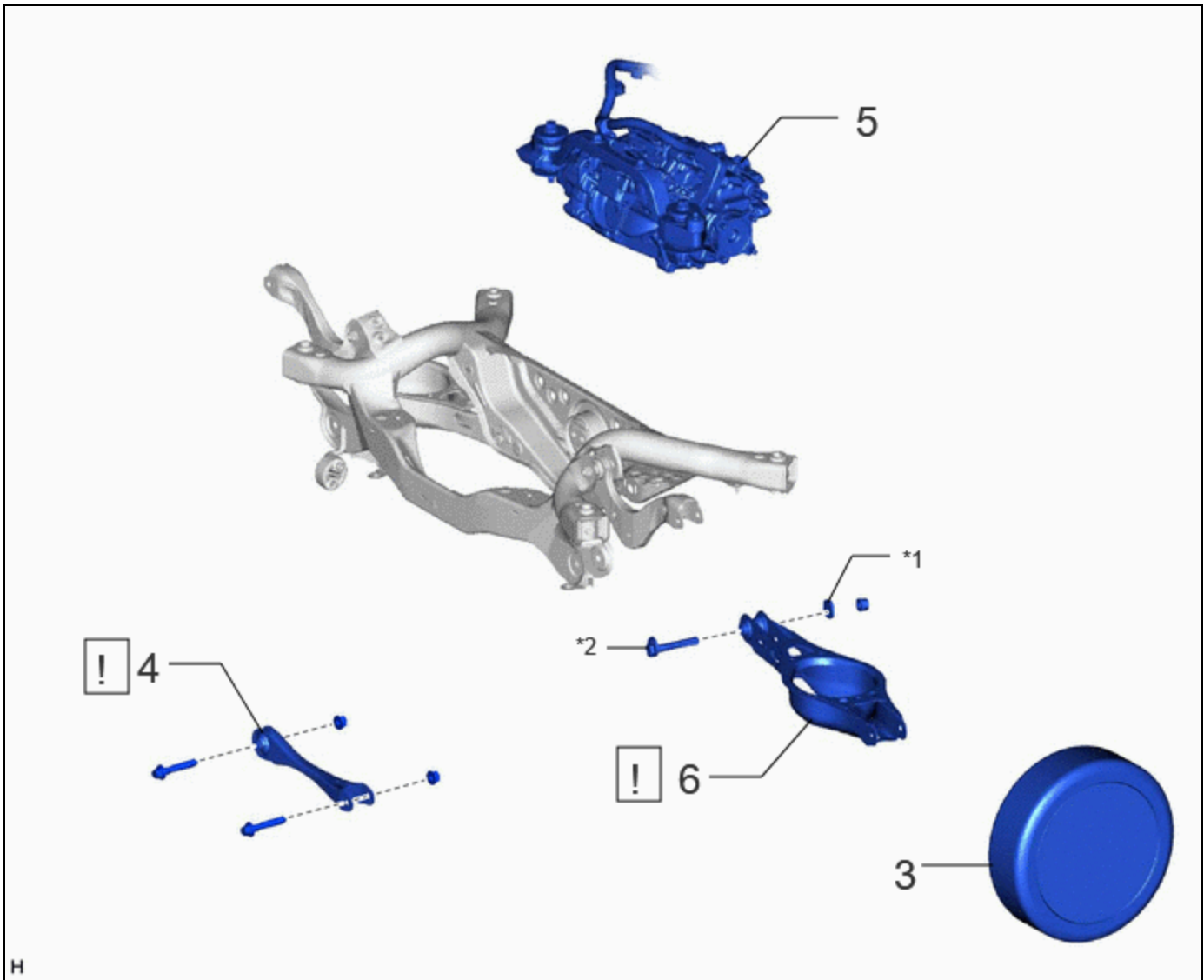
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
	After the ignition switch is turned to ON, the servo motor standard position is recognized. <b>for PHEV Model:</b> After the ignition switch is turned to ON, the servo motor and expansion valve standard position is recognized.	
*1: w/o Power Back Door System *2: w/ Power Back Door System		

## CAUTION / NOTICE / HINT

### COMPONENTS (REMOVAL)



	PROCEDURE	PART NAME CODE	!	📄	⚙️
1	REAR FLOOR SIDE MEMBER COVER LH	57628E	-	-	-
2	REAR FLOOR SIDE MEMBER COVER RH	57627G	-	-	-



PROCEDURE		PART NAME CODE			
3	REAR WHEEL	-	-	-	-
4	REAR NO. 1 SUSPENSION ARM ASSEMBLY LH	48720A	<a href="#">INFO</a>	-	-
5	REAR TRACTION MOTOR WITH TRANSAXLE ASSEMBLY	G1050	-	-	-
6	REAR NO. 2 SUSPENSION ARM ASSEMBLY LH	48740F	<a href="#">INFO</a>	-	-

*1	NO. 2 CAMBER ADJUST CAM	*2	REAR SUSPENSION TOE ADJUST CAM SUB-ASSEMBLY
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## PROCEDURE

### 1. REMOVE REAR FLOOR SIDE MEMBER COVER LH

Click here [INFO](#)

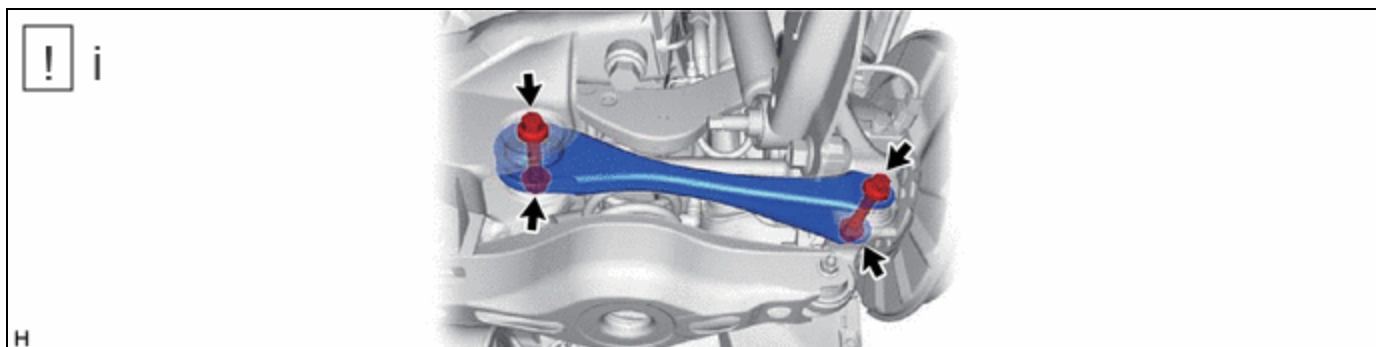
### 2. REMOVE REAR FLOOR SIDE MEMBER COVER RH

Click here [INFO](#)

### 3. REMOVE REAR WHEEL

Click here [INFO](#)

### 4. REMOVE REAR NO. 1 SUSPENSION ARM ASSEMBLY LH



- (1) Remove the 2 bolts, 2 nuts and rear No. 1 suspension arm assembly LH from the rear axle carrier sub-assembly and rear suspension member sub-assembly.

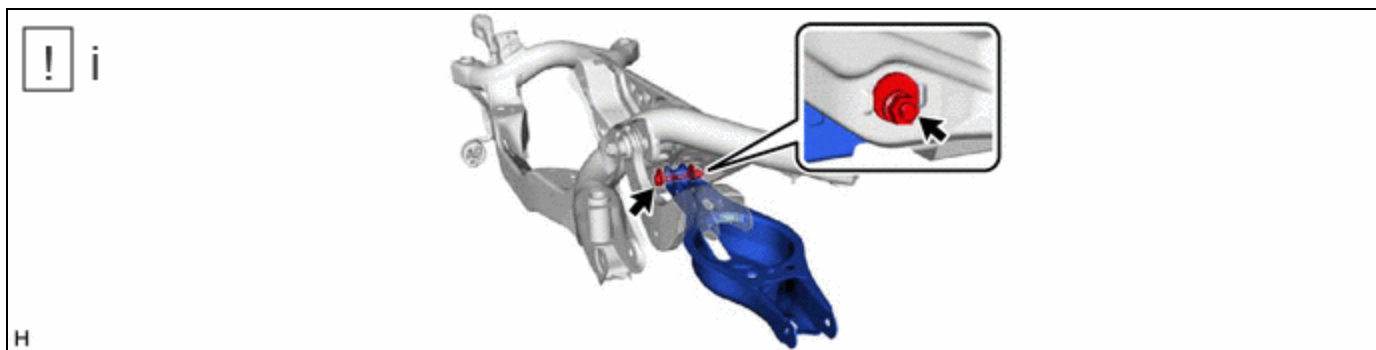
#### NOTICE:

Because the nut has its own stopper, do not turn the nut. Loosen the bolt with the nut secured.

### 5. REMOVE REAR TRACTION MOTOR WITH TRANSAXLE ASSEMBLY

Click here [INFO](#)

### 6. REMOVE REAR NO. 2 SUSPENSION ARM ASSEMBLY LH



- (1) Remove the nut, No. 2 camber adjust cam, rear suspension toe adjust cam sub-assembly and rear No. 2 suspension arm assembly LH.

#### NOTICE:

Hold the rear suspension toe adjust cam sub-assembly while rotating the nut.

