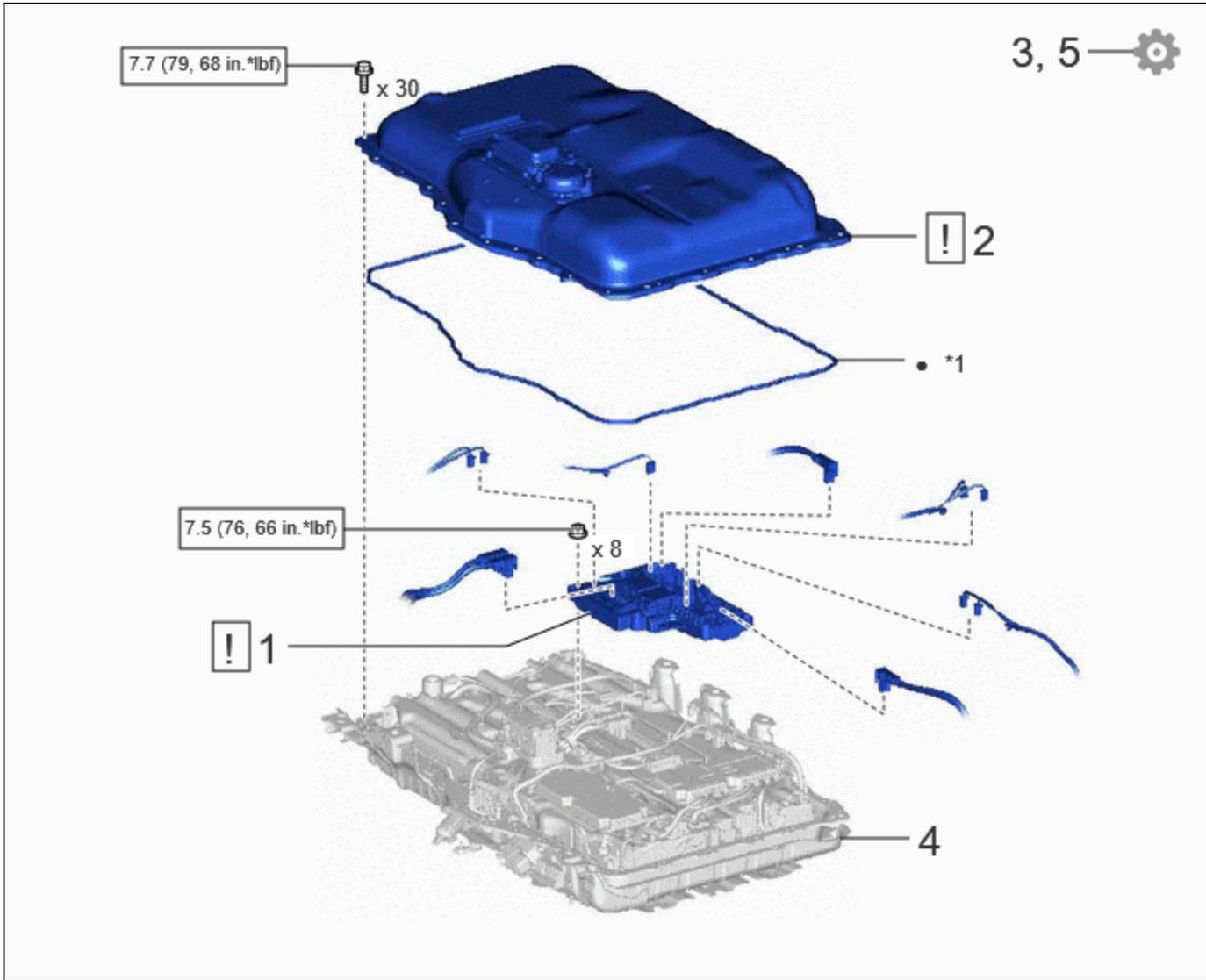


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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> HYBRID / BATTERY CONTROL: HV RELAY ASSEMBLY (for PHEV Model): INSTALLATION; 2023 - 2024 MY Prius Prime [03/2023 - ]		

## INSTALLATION

### CAUTION / NOTICE / HINT

#### COMPONENTS (INSTALLATION)



	PROCEDURE	PART NAME CODE	!	📄	⚙️
1	NO. 1 TRACTION BATTERY DEVICE BOX ASSEMBLY	-	INFO	-	-
2	NO. 1 TRACTION BATTERY COVER	-	INFO	-	-

	PROCEDURE	PART NAME CODE			
3	CHECK FOR AIRTIGHTNESS	-	-	-	<a href="#">INFO</a>
4	HV SUPPLY BATTERY ASSEMBLY	G9510	-	-	-
5	PERFORM CURRENT SENSOR OFFSET LEARNING	-	-	-	<a href="#">INFO</a>

*1	NO. 2 HV BATTERY SEAL	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque		<ul style="list-style-type: none"> <li>Non-reusable part</li> </ul>

## PROCEDURE

### 1. INSTALL NO. 1 TRACTION BATTERY DEVICE BOX ASSEMBLY

	<p><b>CAUTION:</b> Be sure to wear insulated gloves and protective goggles.</p> <p><b>NOTICE:</b> If the No. 2 traction battery device box assembly has been struck or dropped, replace it with a new one.</p>
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**Torque:**

7.5 N·m {76 kgf·cm, 66 in·lbf}

### 2. INSTALL NO. 1 TRACTION BATTERY COVER

	<a href="#">INFO</a>
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### 3. CHECK FOR AIRTIGHTNESS (COMPONENT)

Click here [INFO](#)

### 4. INSTALL HV SUPPLY BATTERY ASSEMBLY

Click here [INFO](#)

### 5. PERFORM CURRENT SENSOR OFFSET LEARNING

	<p><b>HINT:</b> Perform this procedure when the No. 2 traction battery device box assembly or battery ECU assembly has been replaced.</p>
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(a) Perform a road test.

**NOTICE:**

Accelerate and decelerate gently. Avoid rapid acceleration and deceleration.

- (1) Drive the vehicle with the value of Data List item "Hybrid/EV Battery Current" between -50 A and 50 A.

**Powertrain > HV Battery > Data List**

TESTER DISPLAY
Hybrid/EV Battery Current

**HINT:**

Distance and driving time are not specified.

- (2) Turn the ignition switch off and leave the vehicle for 30 seconds or more.
- (3) Check that the value of "Hybrid/EV Battery Current" is between -0.5 A and 0.5 A with the ignition switch is turned to ON.

**Powertrain > HV Battery > Data List**

TESTER DISPLAY
Hybrid/EV Battery Current

**NOTICE:**

If the value is outside the specified range, perform the road test again.

**HINT:**

- When the ignition switch to ON, if value of "Hybrid/EV Battery Current" is between -0.5 A and 0.5 A, current sensor offset learning has been completed.
- Even if the current sensor offset learning is not complete, the current sensor value will be corrected by repeating the road test a maximum of 7 times.

