

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000002BCOR
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> REAR SUSPENSION: REAR TRAILING ARM: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## INSTALLATION

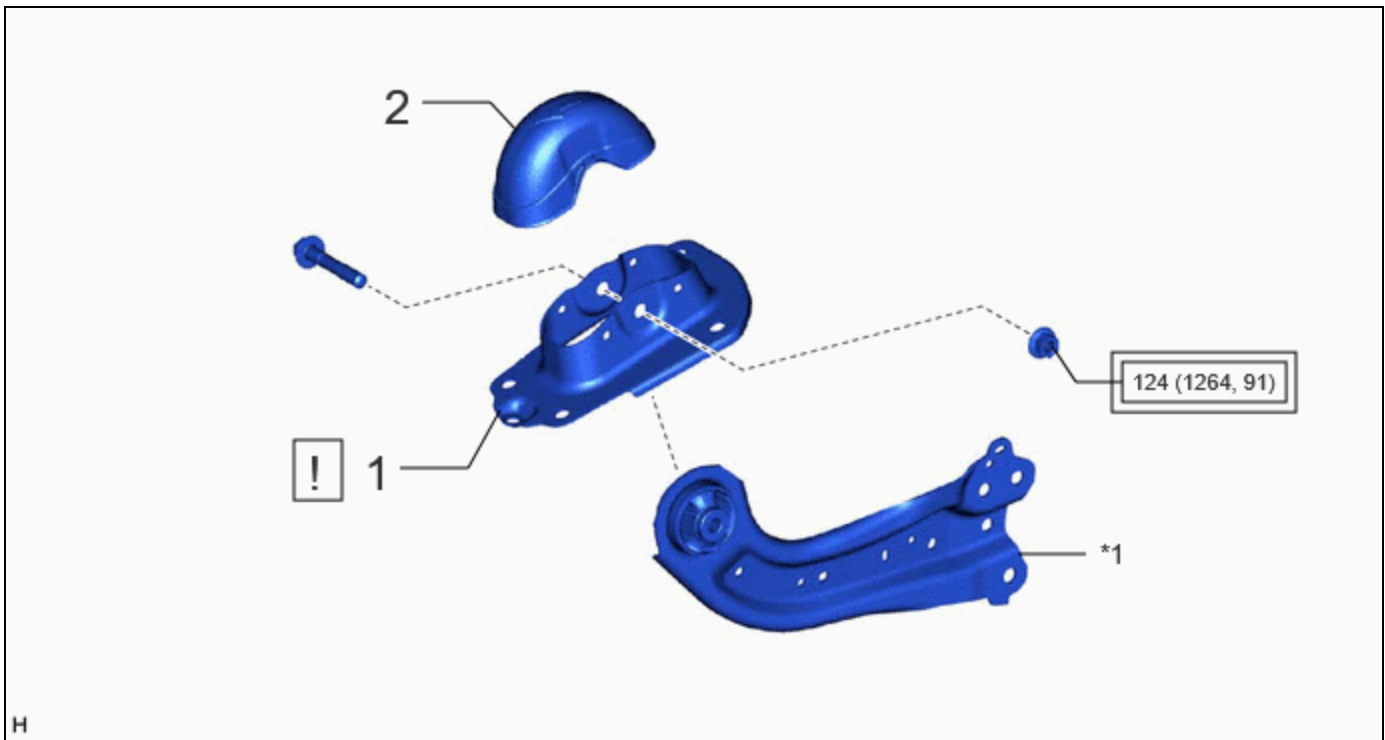
### CAUTION / NOTICE / HINT

**HINT:**

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


### CAUTION / NOTICE / HINT

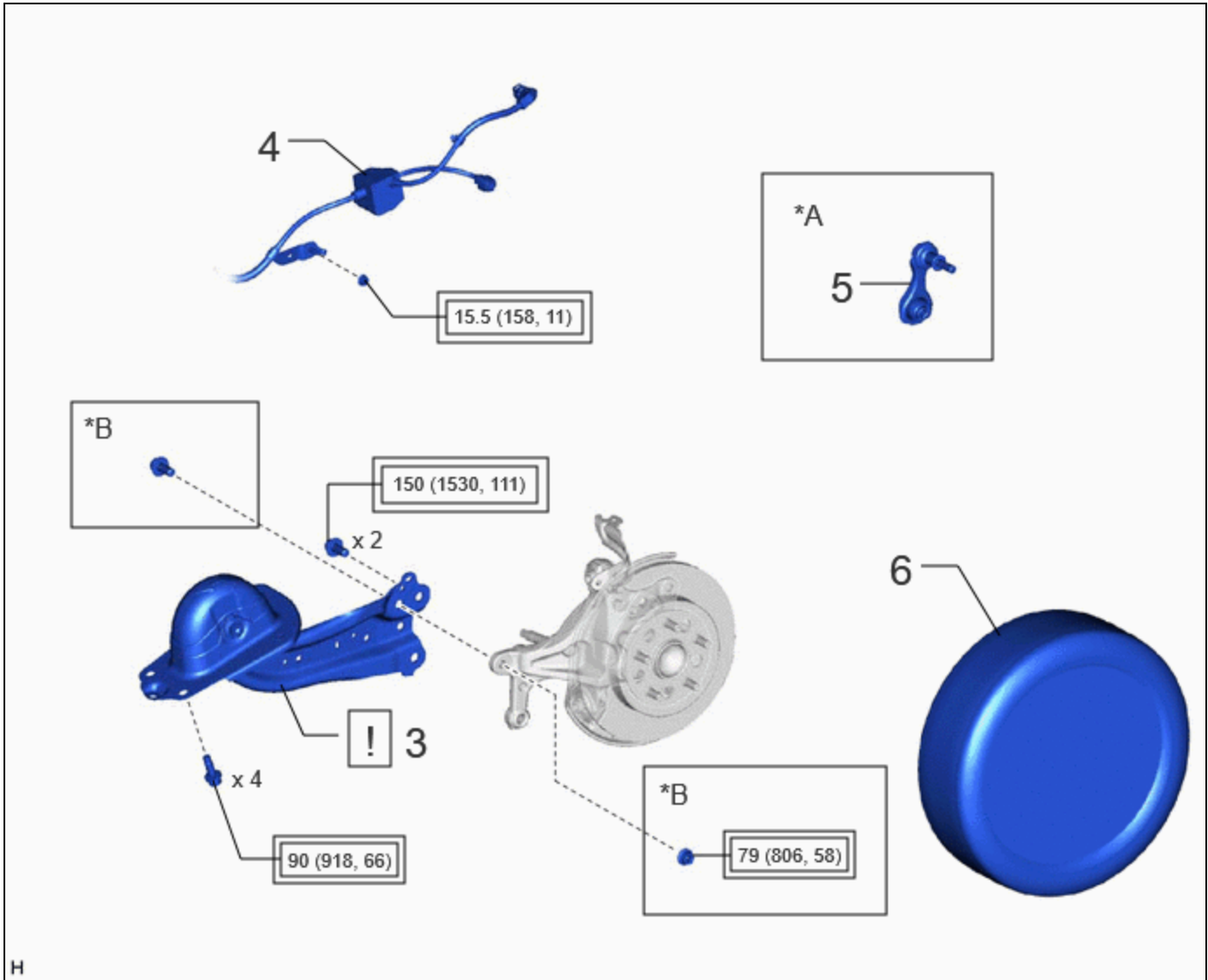
#### COMPONENTS (INSTALLATION)



	PROCEDURE	PART NAME CODE			
1	REAR SUSPENSION ARM BRACKET	48727	<a href="#">INFO</a>	-	-
2	REAR SUSPENSION ARM COVER	48738	-	-	-


*1	REAR TRAILING ARM ASSEMBLY	-	-
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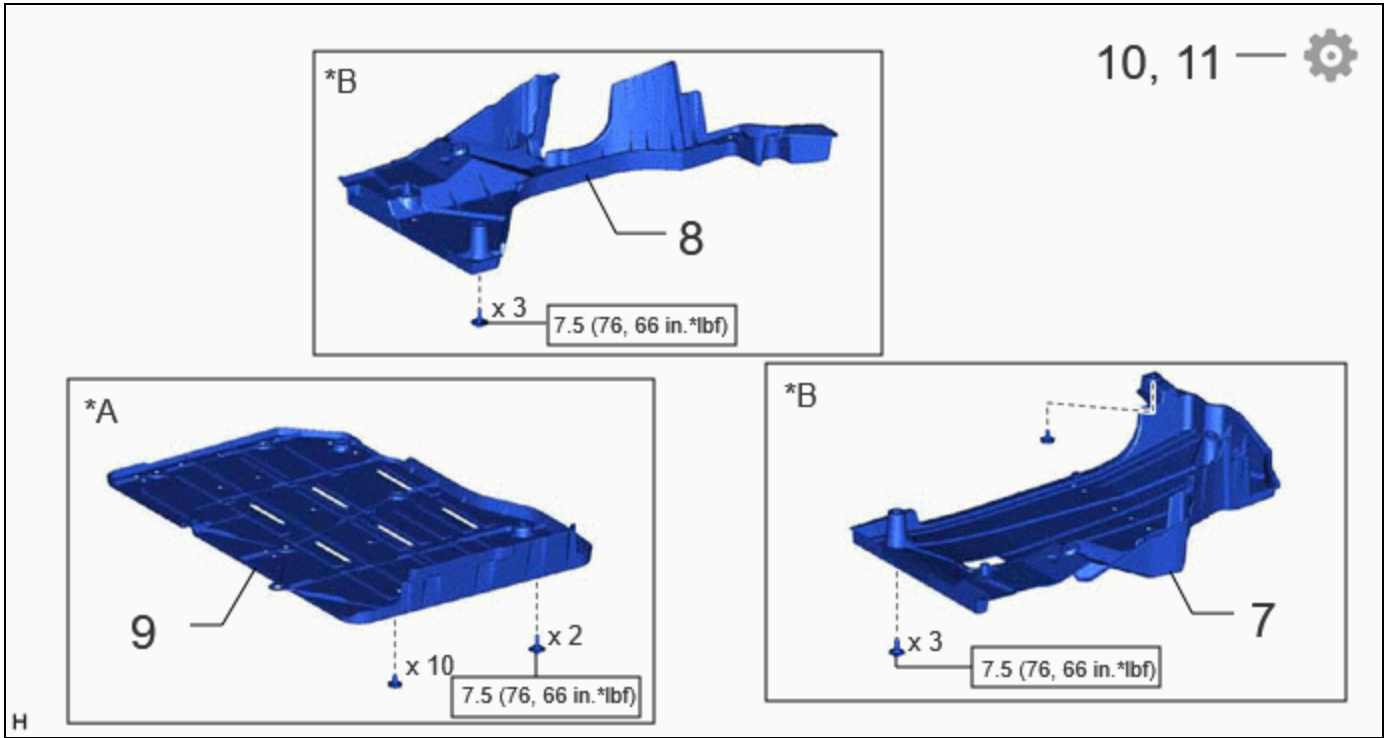
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)
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
	PROCEDURE	PART NAME CODE	!	📄	⚙️
3	REAR TRAILING ARM ASSEMBLY	48780E	INFO	-	-
4	NO. 2 PARKING BRAKE WIRE ASSEMBLY	890C0A	-	-	-
5	REAR STABILIZER LINK ASSEMBLY	48840A	-	-	-
6	REAR WHEEL	-	-	-	-

*A	w/ Stabilizer Bar		*B	w/o Stabilizer Bar
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	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)	-	-
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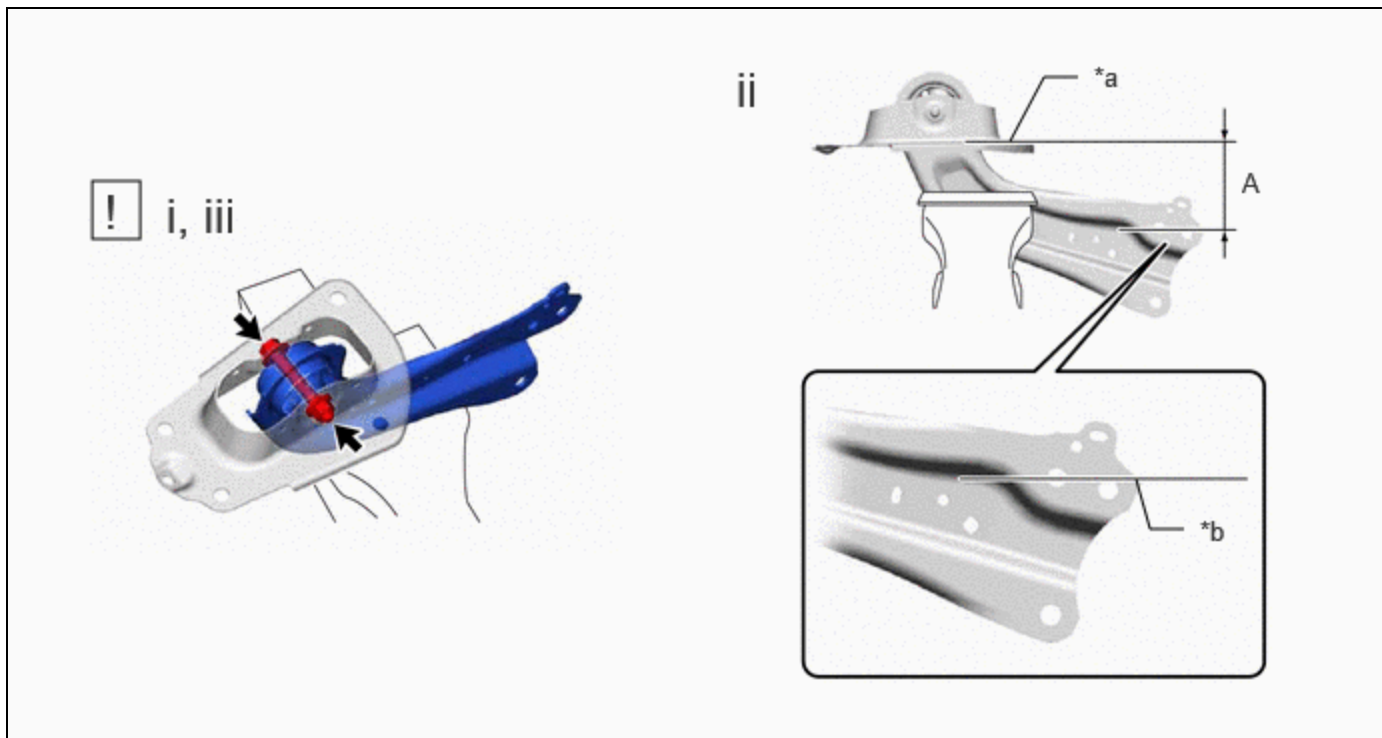


PROCEDURE		PART NAME CODE			
7	REAR FLOOR SIDE MEMBER COVER LH	57628E	-	-	-
8	REAR FLOOR SIDE MEMBER COVER RH	57627G	-	-	-
9	BATTERY BOX COVER	58219K	-	-	-
10	INSPECT AND ADJUST REAR WHEEL ALIGNMENT	-	-	-	<a href="#">INFO</a>
11	PERFORM INITIALIZATION	-	-	-	<a href="#">INFO</a>

*A	for PHEV Model	*B	for HEV Model
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

## PROCEDURE

### 1. INSTALL REAR SUSPENSION ARM BRACKET



*a	Upper Surface of Rear Suspension Arm Bracket	*b	Edge of Rear Trailing Arm Assembly
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(1) Temporarily install the rear suspension arm bracket to the rear trailing arm assembly with the bolt and nut.

**NOTICE:**

Insert the bolt from the inside of the vehicle.

(2) Position the rear trailing arm assembly as shown in the illustration.

Reference Length (A):

116 mm (4.57 in.)

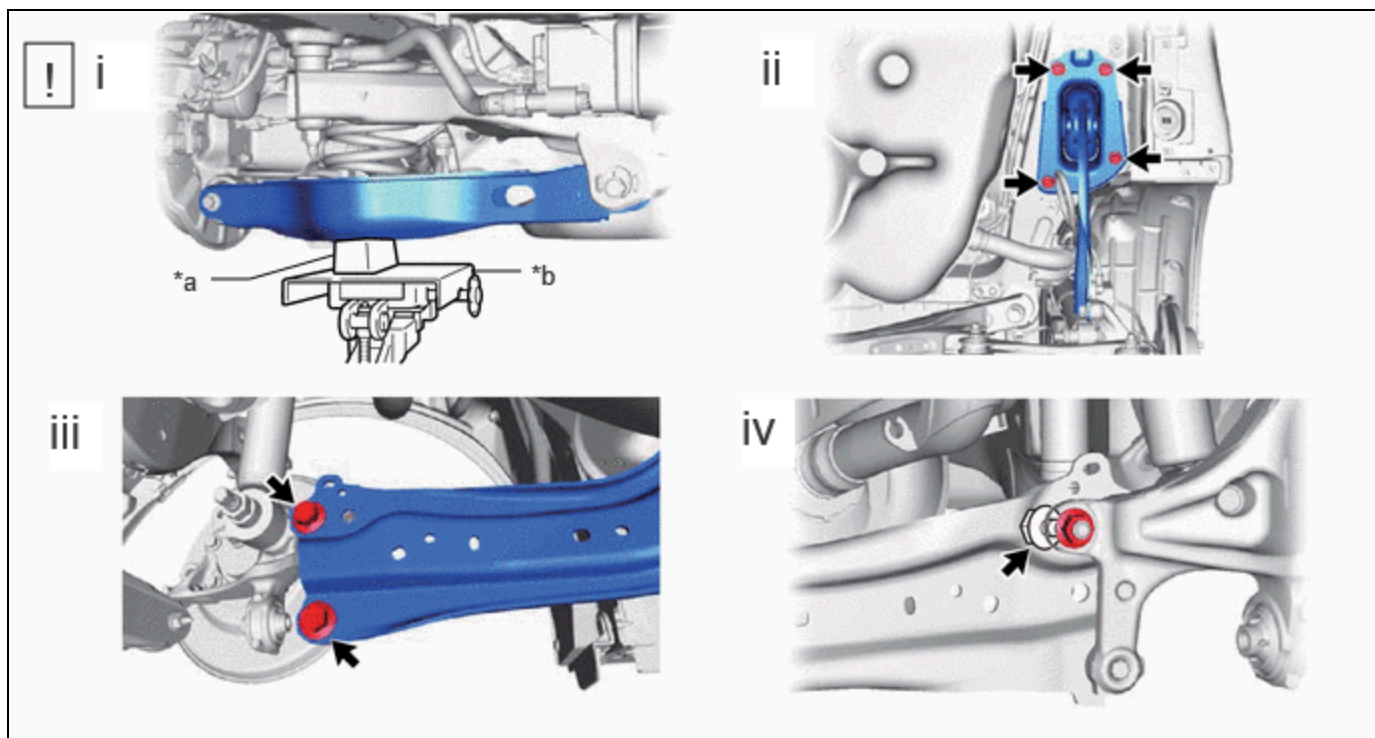
(3) Fully tighten the nut.

**Torque:**

**124 N·m {1264 kgf·cm, 91 ft·lbf}**

**2. INSTALL REAR SUSPENSION ARM COVER**

**3. INSTALL REAR TRAILING ARM ASSEMBLY**



*a	Wooden Block	*b	Transmission Jack
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(1) Using a transmission jack and a wooden block, support the rear No. 2 suspension arm assembly.

#### NOTICE:

- When jacking up the rear No. 2 suspension arm assembly, be sure to jack it up slowly.
- Make sure to perform this operation with the vehicle kept as low as possible.

(2) Install the rear trailing arm assembly to the vehicle with the 4 bolts.

#### Torque:

**90 N·m {918 kgf·cm, 66 ft·lbf}**

(3) Install the rear trailing arm assembly to the rear axle carrier sub-assembly with the 2 bolts.

#### Torque:

**150 N·m {1530 kgf·cm, 111 ft·lbf}**

(4) w/o Stabilizer Bar:

1. Install the rear trailing arm assembly to the rear axle carrier sub-assembly with the bolt and nut.

#### Torque:

**79 N·m {806 kgf·cm, 58 ft·lbf}**

#### NOTICE:

Insert the bolt with the threaded end facing the outside of the vehicle.

## 4. INSTALL NO. 2 PARKING BRAKE WIRE ASSEMBLY

#### Torque:

**15.5 N·m {158 kgf·cm, 11 ft·lbf}**

## 5. INSTALL REAR STABILIZER LINK ASSEMBLY (w/ Stabilizer Bar)

Click here [INFO](#)

## 6. INSTALL REAR WHEEL

Click here [INFO](#)

**7. INSTALL REAR FLOOR SIDE MEMBER COVER LH (for HEV Model)**

**Torque:**

**7.5 N·m {76 kgf·cm, 66 in·lbf}**

**8. INSTALL REAR FLOOR SIDE MEMBER COVER RH (for HEV Model)**

**Torque:**

**7.5 N·m {76 kgf·cm, 66 in·lbf}**

**9. INSTALL BATTERY BOX COVER (for PHEV Model)**

Click here [INFO](#)

**10. INSPECT AND ADJUST REAR WHEEL ALIGNMENT**

Click here [INFO](#)

**11. PERFORM INITIALIZATION**

Parking Assist Monitor System	<a href="#">INFO</a>
Panoramic View Monitor System	<a href="#">INFO</a>
Advanced Park	<a href="#">INFO</a>

