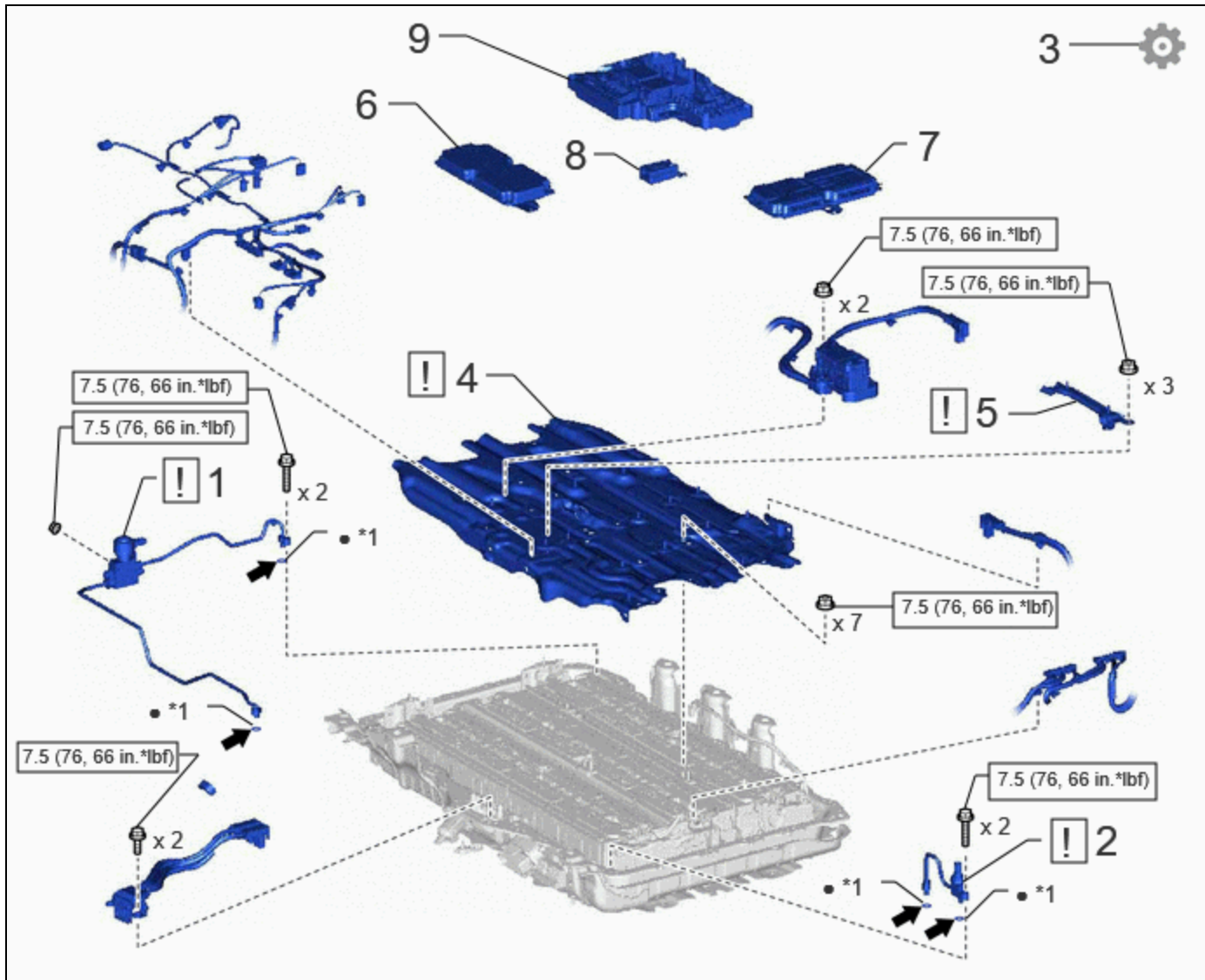


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002B7BW
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HYBRID / BATTERY CONTROL: REFRIGERANT LINE (for PHEV Model): INSTALLATION; 2023 - 2024 MY Prius Prime [03/2023 -]		







INSTALLATION



CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)




PROCEDURE		PART NAME CODE			
1	NO. 1 TRACTION BATTERY COOLER TUBE	G96N1	INFO	-	-
2	NO. 2 TRACTION BATTERY COOLER TUBE	G96N2	INFO	-	-

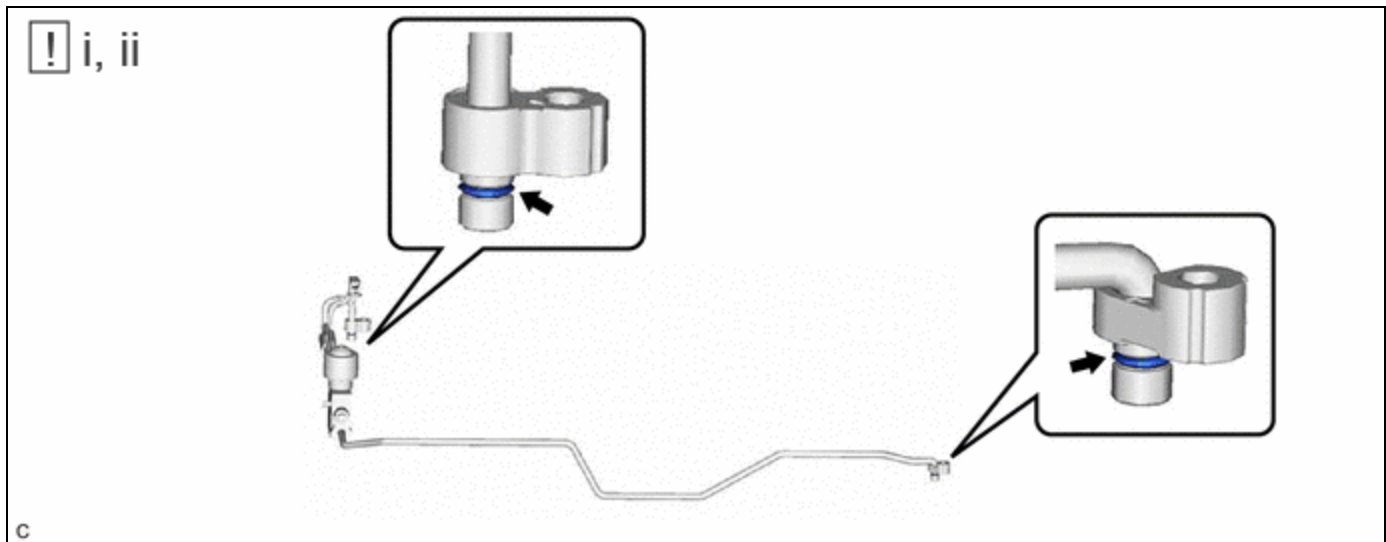
	PROCEDURE	PART NAME CODE			
3	INSPECT FOR REFRIGERANT LEAK	-	-	-	
4	NO. 10 TRACTION BATTERY BRACKET	G963A		-	-
5	NO. 14 TRACTION BATTERY BRACKET	G963E		-	-
6	BATTERY ECU ASSEMBLY	89890A	-	-	-
7	BATTERY VOLTAGE SENSOR	89892A	-	-	-
8	NO. 1 TRACTION BATTERY HEATER RELAY	G96J1	-	-	-
9	NO. 1 TRACTION BATTERY DEVICE BOX ASSEMBLY	-	-	-	-

*1	O-RING	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque		Compressor oil ND-OIL 11 or equivalent
•	Non-reusable part	-	-

PROCEDURE

1. INSTALL NO. 1 TRACTION BATTERY COOLER TUBE

	<p>CAUTION: Be sure to wear insulated gloves and protective goggles.</p> <p>NOTICE: Do not apply excessive force to the pipe.</p>
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(1) Sufficiently apply compressor oil to 2 new O-rings and the fitting surface of the No. 1 traction battery cooler tube.

Compressor Oil:
ND-OIL 11 or equivalent

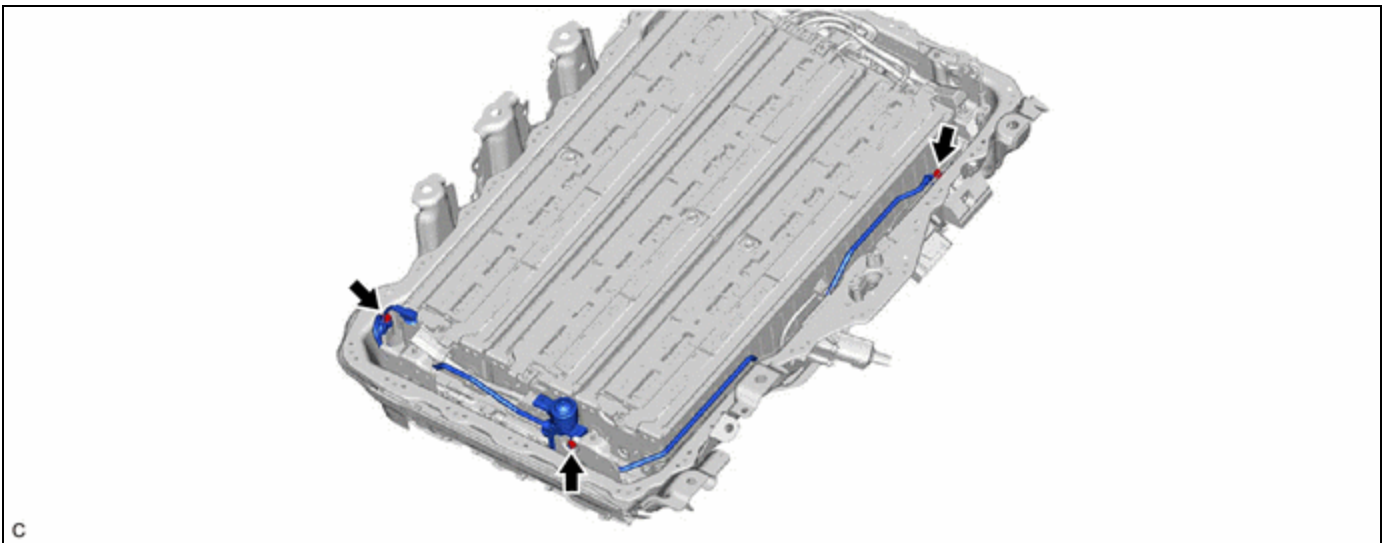
NOTICE:

Do not use any compressor oil other than ND-OIL 11 or equivalent. If any compressor oil other than ND-OIL 11 or equivalent is used, compressor motor insulation performance may decrease, resulting in leakage of electric power.

(2) Install the 2 O-rings to the No. 1 traction battery cooler tube.

NOTICE:


Keep the O-ring and O-ring fitting surface free of foreign matter.

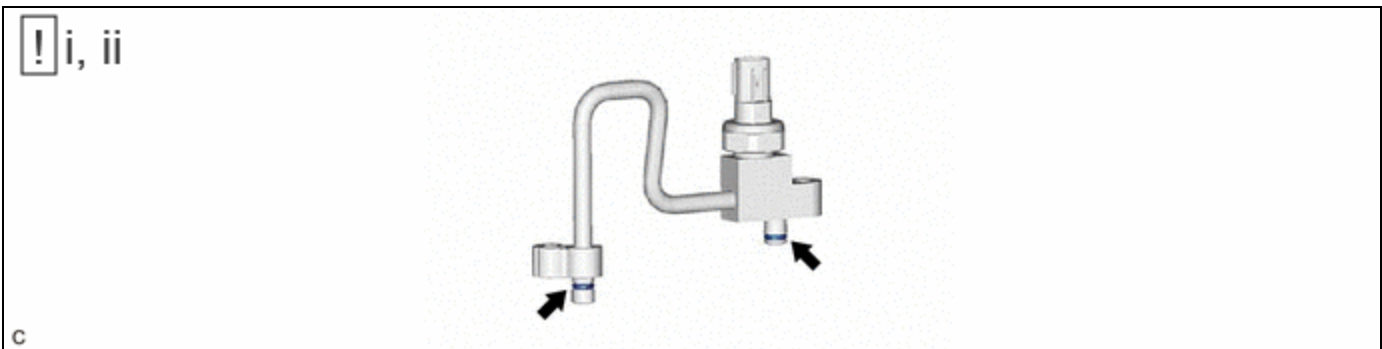


Torque:

7.5 N·m {76 kgf·cm, 66 in·lbf}

2. INSTALL NO. 2 TRACTION BATTERY COOLER TUBE

	<p>CAUTION: Be sure to wear insulated gloves and protective goggles.</p> <p>NOTICE: Do not apply excessive force to the pipe.</p>
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(1) Sufficiently apply compressor oil to a new O-ring and the fitting surface of the No. 2 traction battery cooler tube.

Compressor Oil:
ND-OIL 11 or equivalent

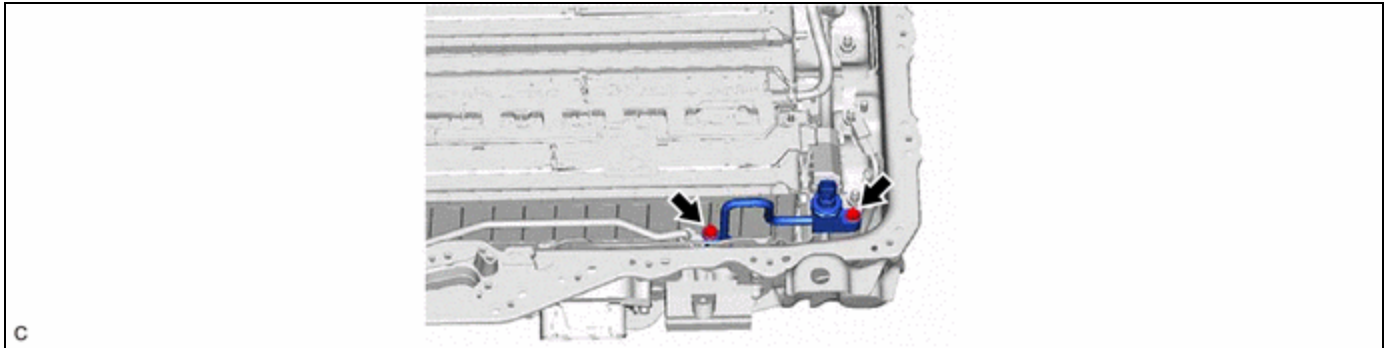
NOTICE:

Do not use any compressor oil other than ND-OIL 11 or equivalent. If any compressor oil other than ND-OIL 11 or equivalent is used, compressor motor insulation performance may decrease, resulting in leakage of electric power.

(2) Install the 2 O-rings to the No. 2 traction battery cooler tube.

NOTICE:

Keep the O-ring and O-ring fitting surface free of foreign matter.

**Torque:**

7.5 N·m {76 kgf·cm, 66 in·lbf}

3. INSPECT INSPECT FOR REFRIGERANT LEAK

Click here [INFO](#)

4. INSTALL NO. 10 TRACTION BATTERY BRACKET**CAUTION:**

Be sure to wear insulated gloves and protective goggles.

Torque:

7.5 N·m {76 kgf·cm, 66 in·lbf}

5. INSTALL NO. 14 TRACTION BATTERY BRACKET**CAUTION:**

Be sure to wear insulated gloves and protective goggles.

Torque:

7.5 N·m {76 kgf·cm, 66 in·lbf}

6. INSTALL BATTERY ECU ASSEMBLY

Click here [INFO](#)

7. INSTALL BATTERY VOLTAGE SENSOR

Click here [INFO](#)

8. INSTALL NO. 1 TRACTION BATTERY HEATER RELAY

Click here 

9. INSTALL NO. 1 TRACTION BATTERY DEVICE BOX ASSEMBLY

Click here 

