

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002B7BV
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HYBRID / BATTERY CONTROL: REFRIGERANT LINE (for PHEV Model): REMOVAL; 2023 - 2024 MY 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 the traction battery cooler tube removal/installation are shown below.

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](#) 

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



voltage system.

NOTICE:

After turning the ignition switch off, waiting time may be required before disconnecting the cable from the negative (-) auxiliary battery terminal.

Click here [INFO](#)

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.

Items for which learning is completed by driving the vehicle

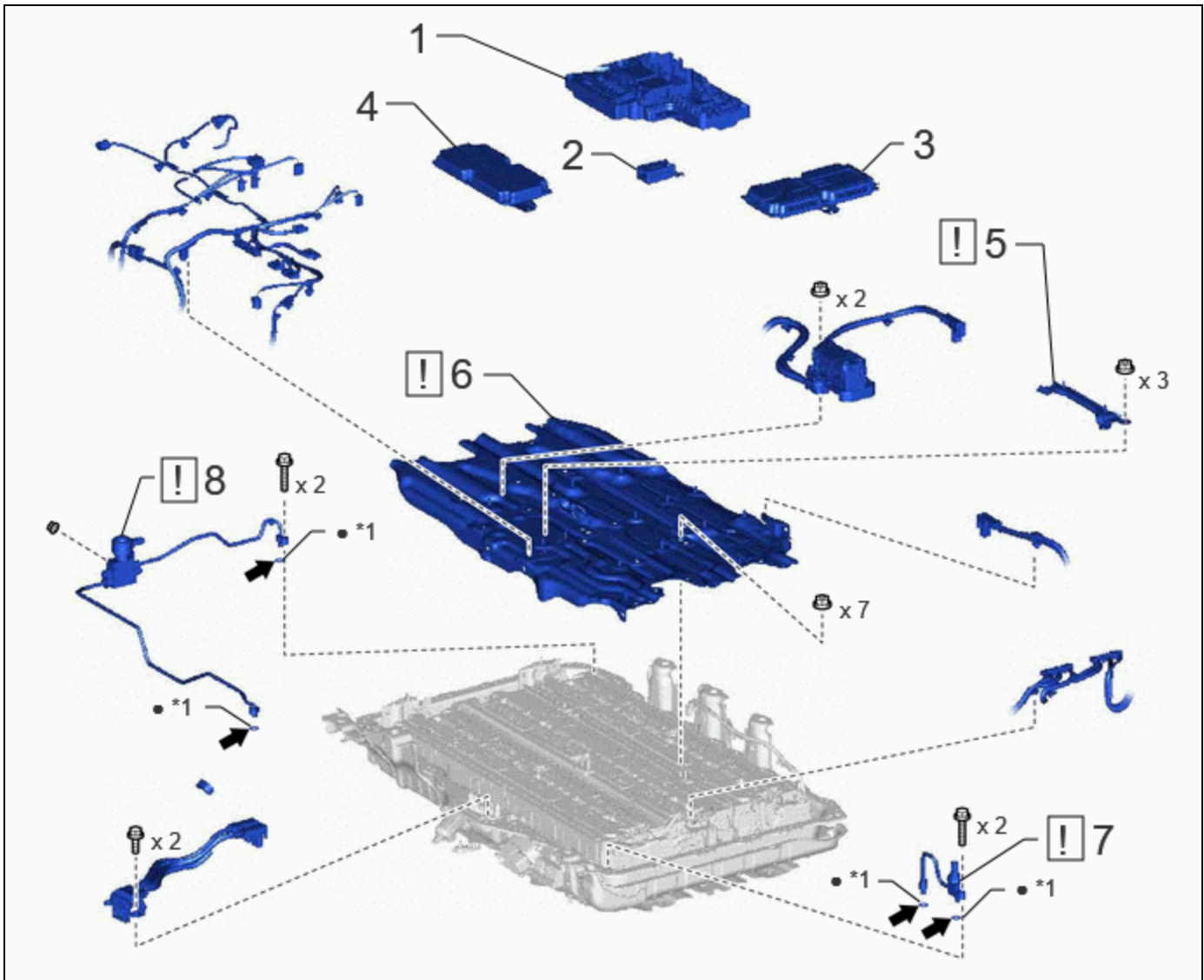
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 seconds or more.	INFO




Items for which learning is completed by operating the vehicle normally

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Power Door Lock Control System*1 <ul style="list-style-type: none"> Back door opener 	Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch.	INFO
Power Back Door System*2	Reset back door close position	INFO
Air Conditioning System	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	NO. 1 TRACTION BATTERY DEVICE BOX ASSEMBLY	-	-	-	-
2	NO. 1 TRACTION BATTERY HEATER RELAY	G96J1	-	-	-
3	BATTERY VOLTAGE SENSOR	89892A	-	-	-
4	BATTERY ECU ASSEMBLY	89890A	-	-	-
5	NO. 14 TRACTION BATTERY BRACKET	G963E	INFO	-	-
6	NO. 10 TRACTION BATTERY BRACKET	G963A	INFO	-	-
7	NO. 2 TRACTION BATTERY COOLER TUBE	G96N2	INFO	-	-
8	NO. 1 TRACTION BATTERY COOLER TUBE	G96N1	INFO	-	-

*1	O-RING	-	-	-	-
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•	Non-reusable part		Compressor oil ND-OIL 11 or equivalent
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PROCEDURE

1. REMOVE NO. 1 TRACTION BATTERY DEVICE BOX ASSEMBLY

Click here [INFO](#)

2. REMOVE NO. 1 TRACTION BATTERY HEATER RELAY

Click here [INFO](#)

3. REMOVE BATTERY VOLTAGE SENSOR

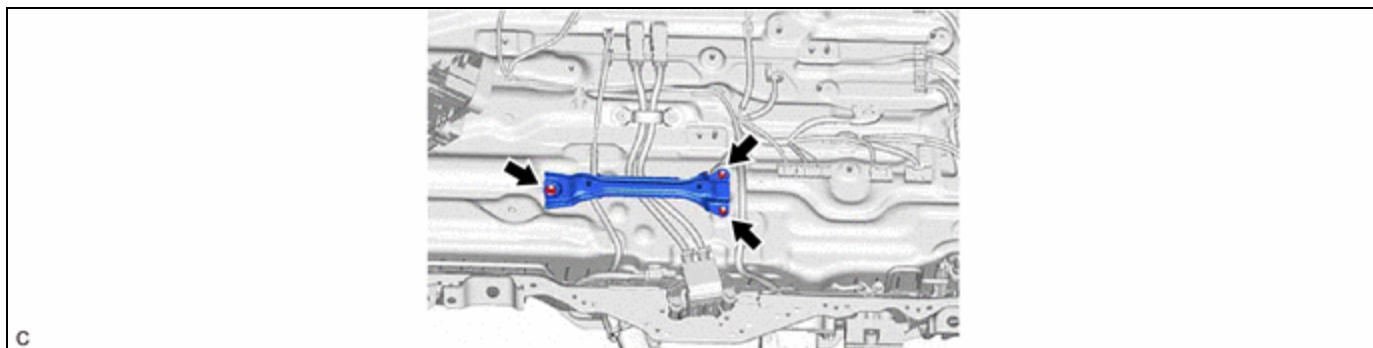
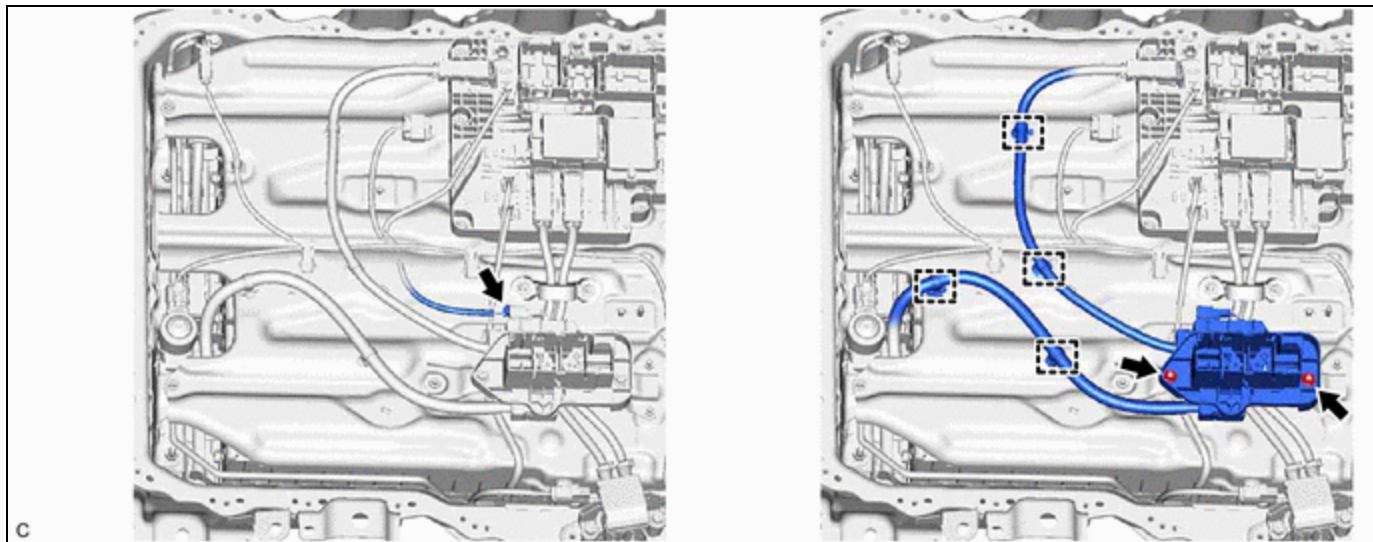
Click here [INFO](#)

4. REMOVE BATTERY ECU ASSEMBLY

Click here [INFO](#)

5. REMOVE NO. 14 TRACTION BATTERY BRACKET

	<p>CAUTION: Be sure to wear insulated gloves and protective goggles.</p>
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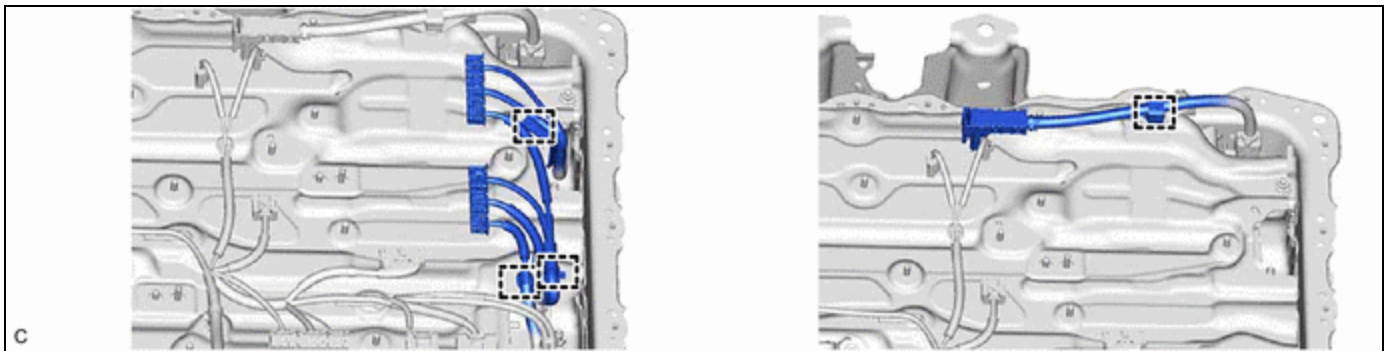
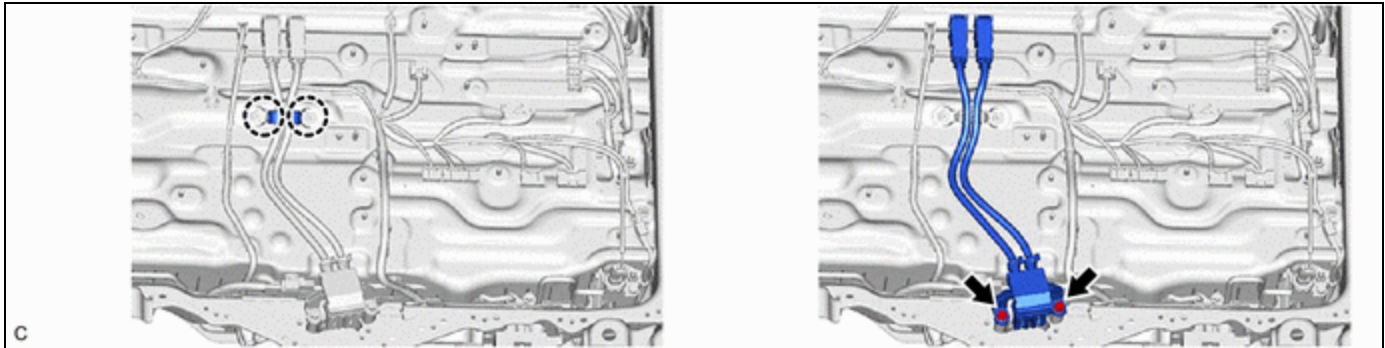


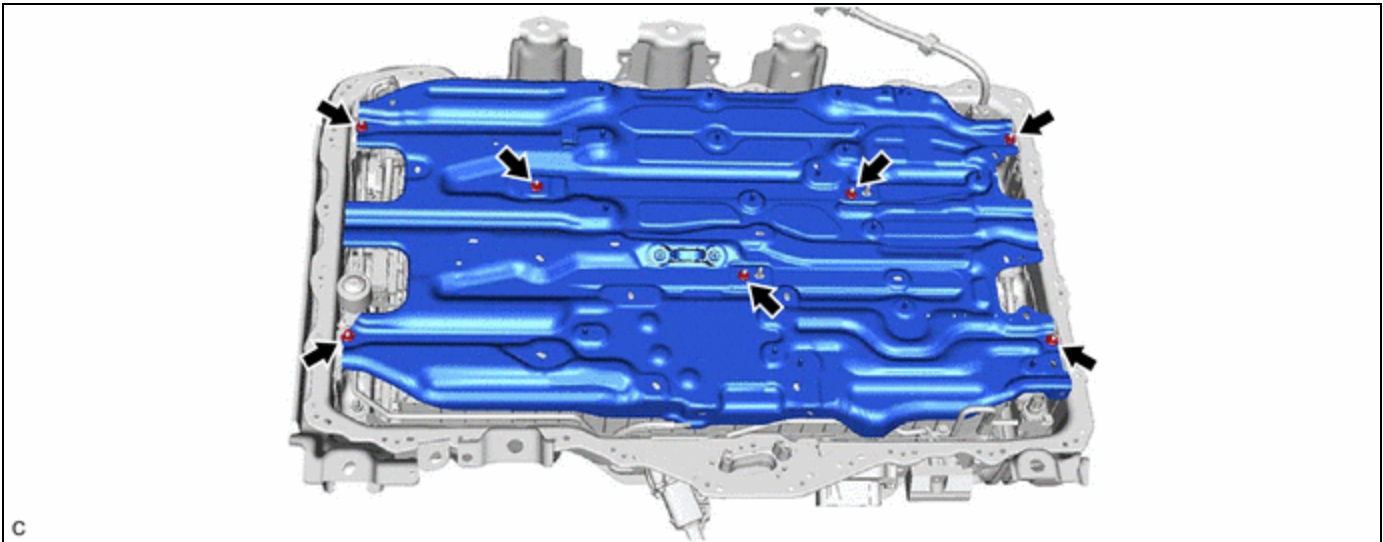
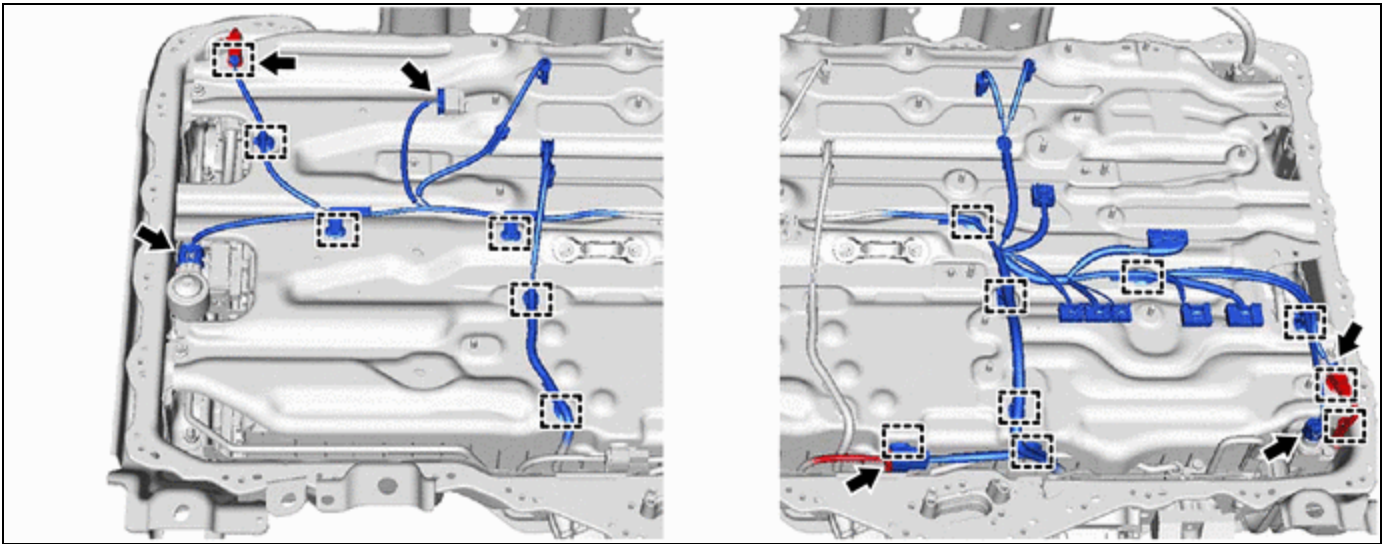
6. REMOVE NO. 10 TRACTION BATTERY BRACKET



CAUTION:

Be sure to wear insulated gloves and protective goggles.





7. REMOVE NO. 2 TRACTION BATTERY COOLER TUBE

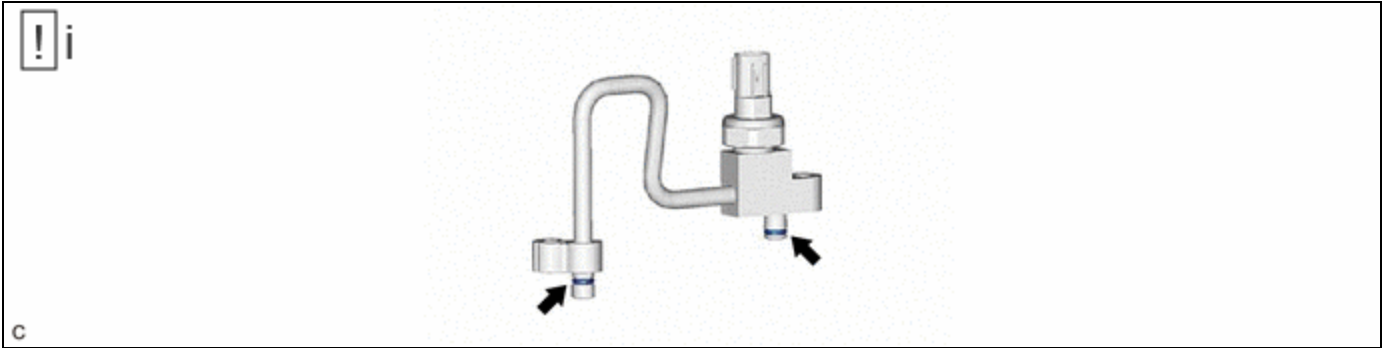
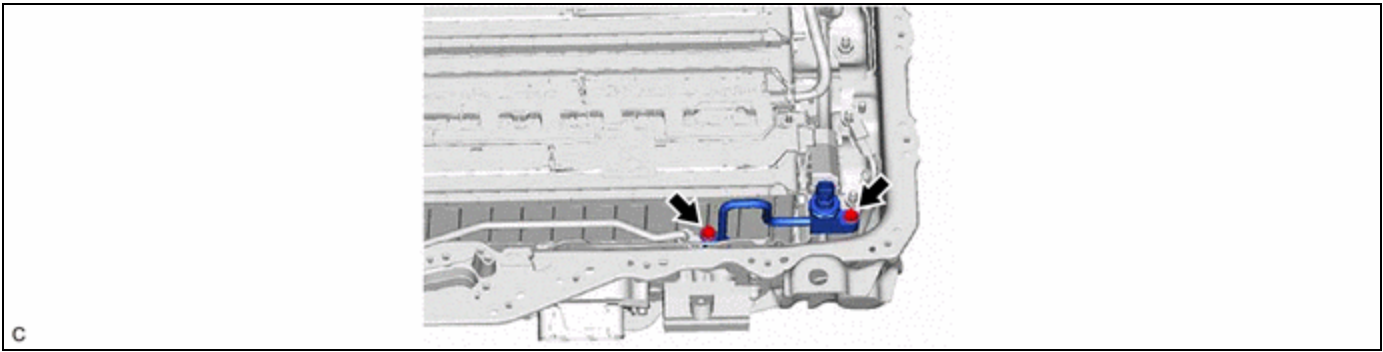


CAUTION:

Be sure to wear insulated gloves and protective goggles.

NOTICE:

Do not apply excessive force to the pipe.




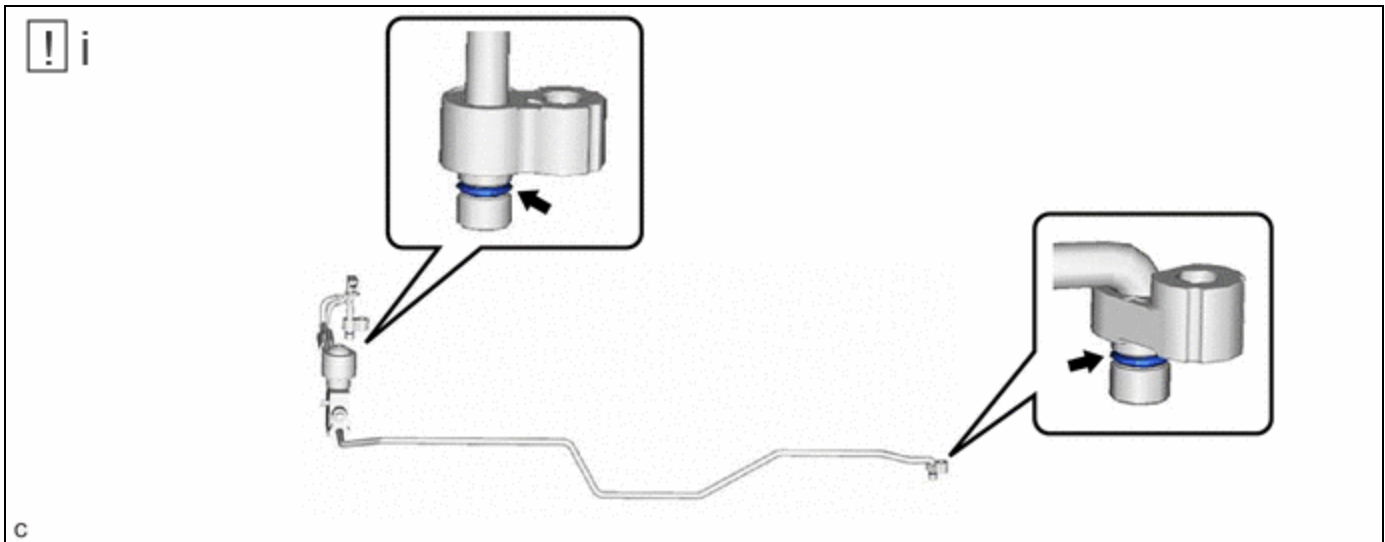
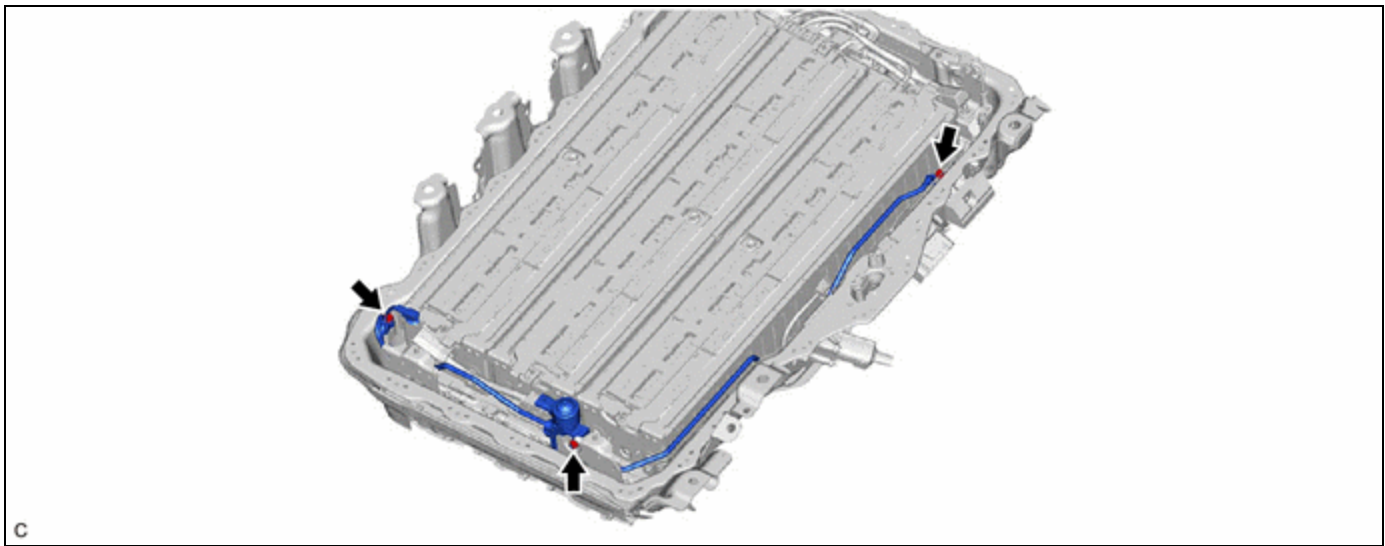
(1) Remove the 2 O-rings from the No. 2 traction battery cooler tube.

NOTICE:

Seal the openings of the disconnected parts with vinyl tape to prevent entry of moisture and foreign matter.

8. REMOVE 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) Remove the 2 O-rings from the No. 1 traction battery cooler tube.

NOTICE:

Seal the openings of the disconnected parts with vinyl tape to prevent entry of moisture and foreign matter.

