

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM10000002B7BC
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> HYBRID / BATTERY CONTROL: FRAME WIRE (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 floor under wire 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

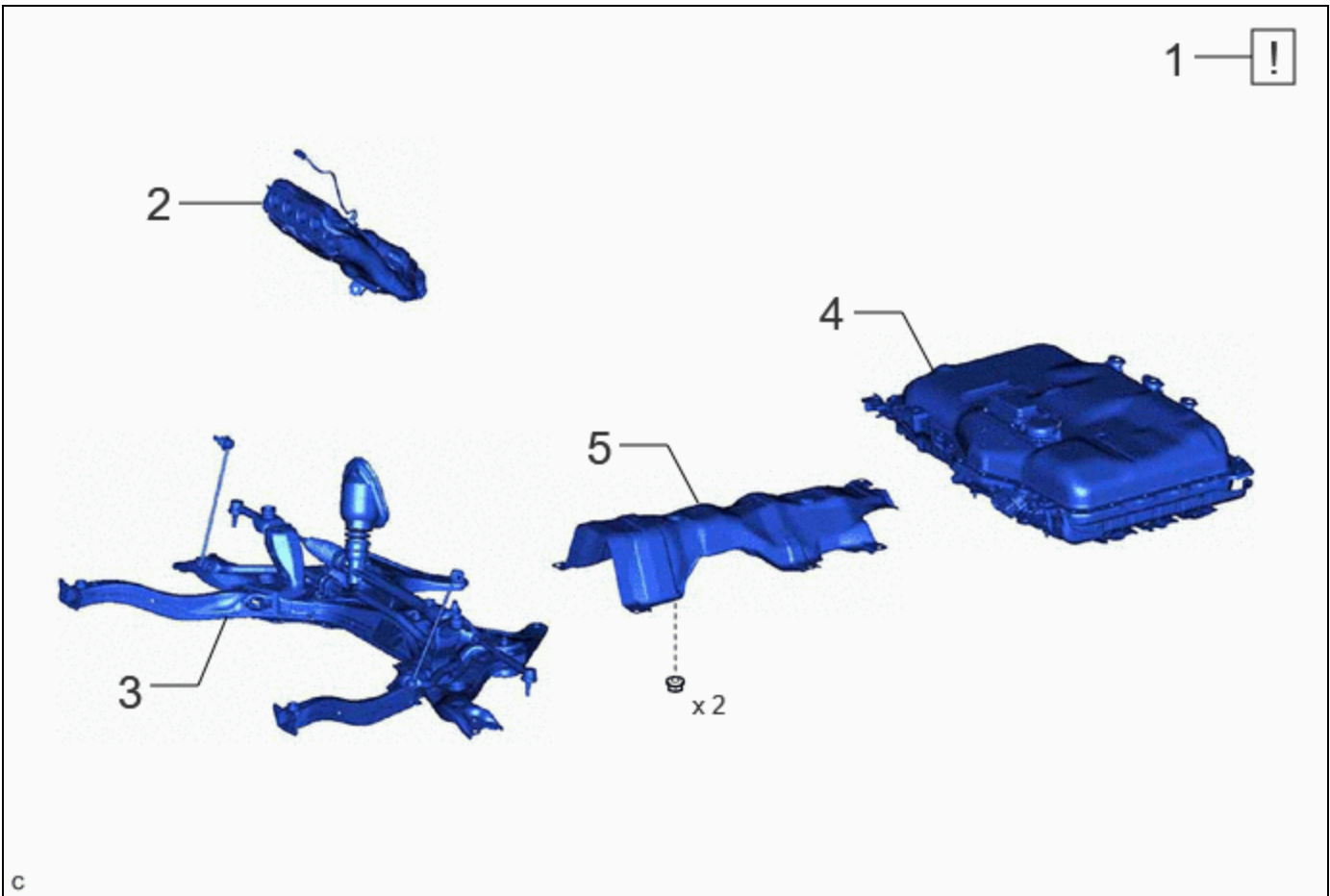
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 seconds or more.	<a href="#">INFO</a>

#### Items for which learning is completed by operating the vehicle normally

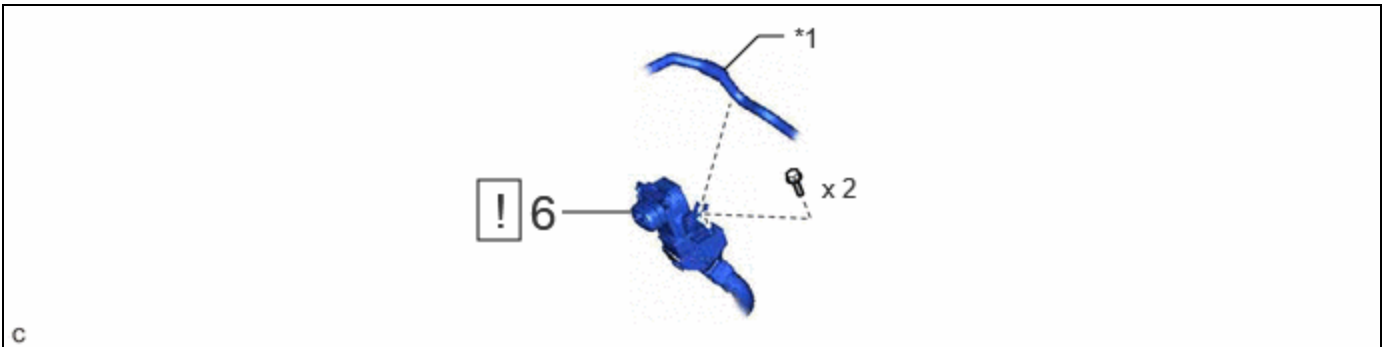
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Power Door Lock Control System*1 <ul style="list-style-type: none"> <li>Back door opener</li> </ul>	Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch.	<a href="#">INFO</a>
Power Back Door System*2	Reset back door close position	<a href="#">INFO</a>
Air Conditioning System	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)

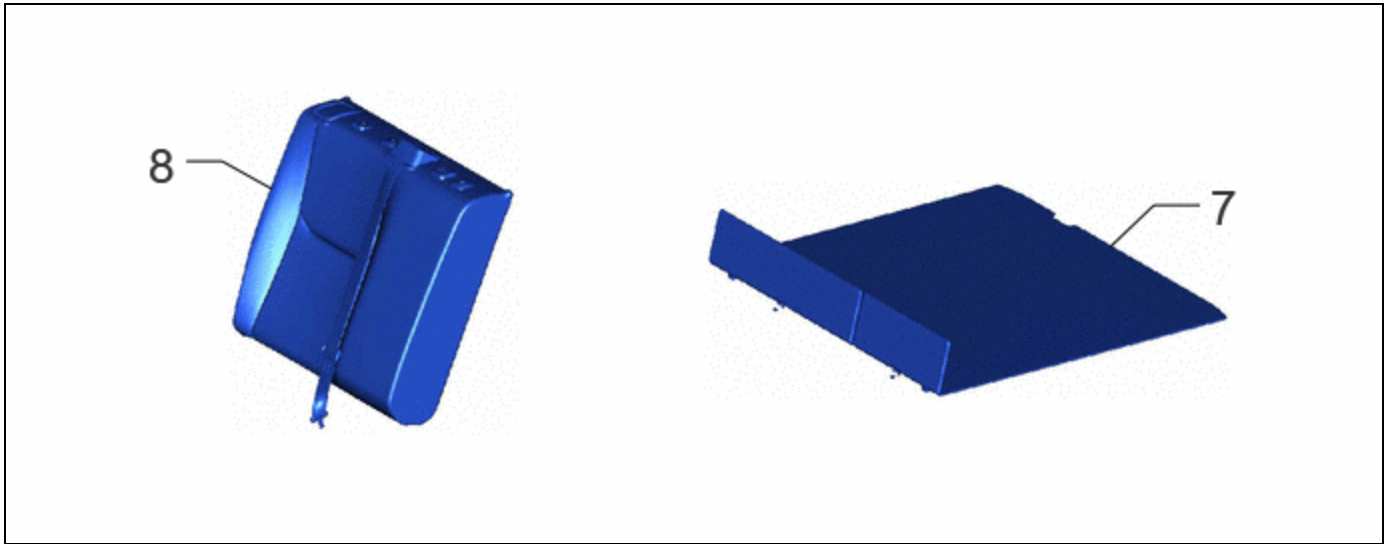





PROCEDURE		PART NAME CODE			
1	PRECAUTION	-	<span style="background-color: #0070C0; color: white; padding: 2px;">INFO</span>	-	-
2	EXHAUST MANIFOLD	17141	-	-	-
3	FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY	51201	-	-	-
4	HV SUPPLY BATTERY ASSEMBLY	G9510	-	-	-
5	CENTER FLOOR HEAT INSULATOR	-	-	-	-

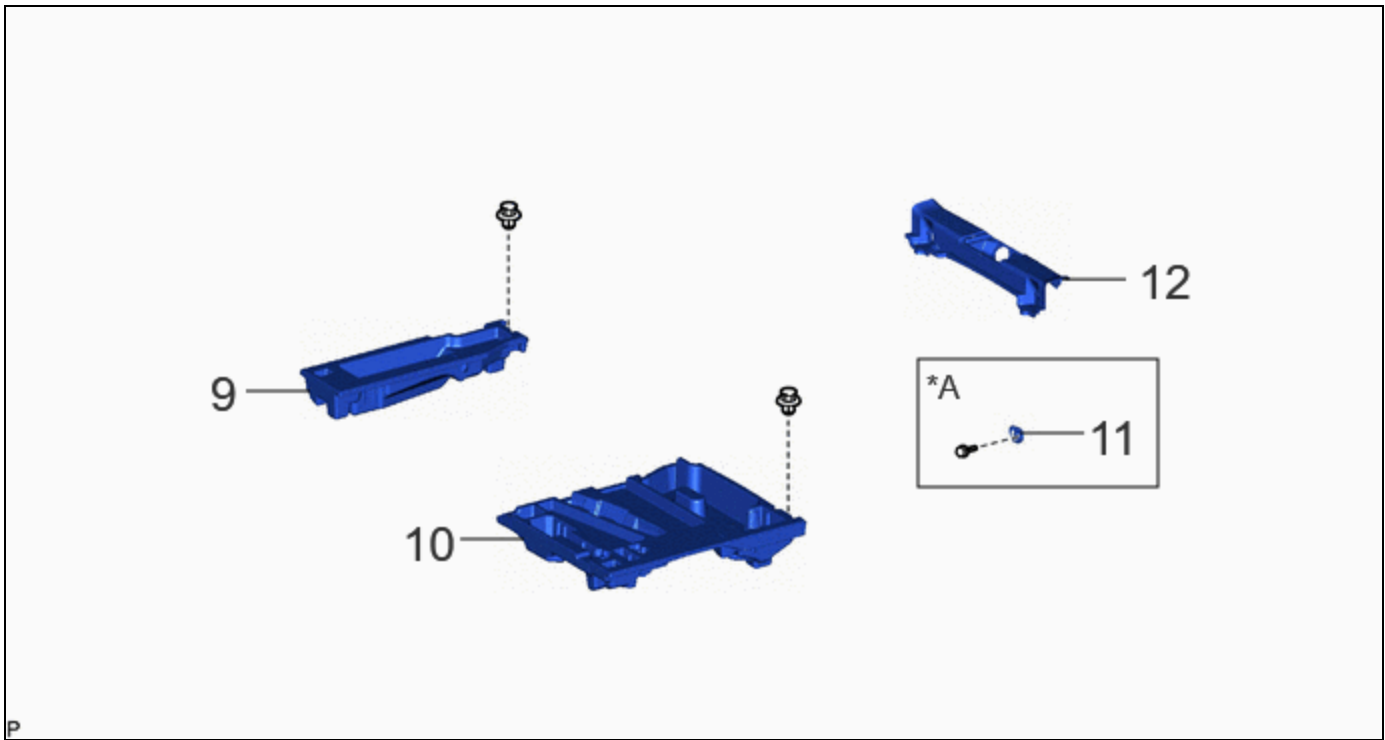





PROCEDURE		PART NAME CODE			
6	FLOOR UNDER WIRE	821H1	<span style="background-color: #0070C0; color: white; padding: 2px;">INFO</span>	-	-

*1	FUEL VAPOR FEED HOSE ASSEMBLY	-	-
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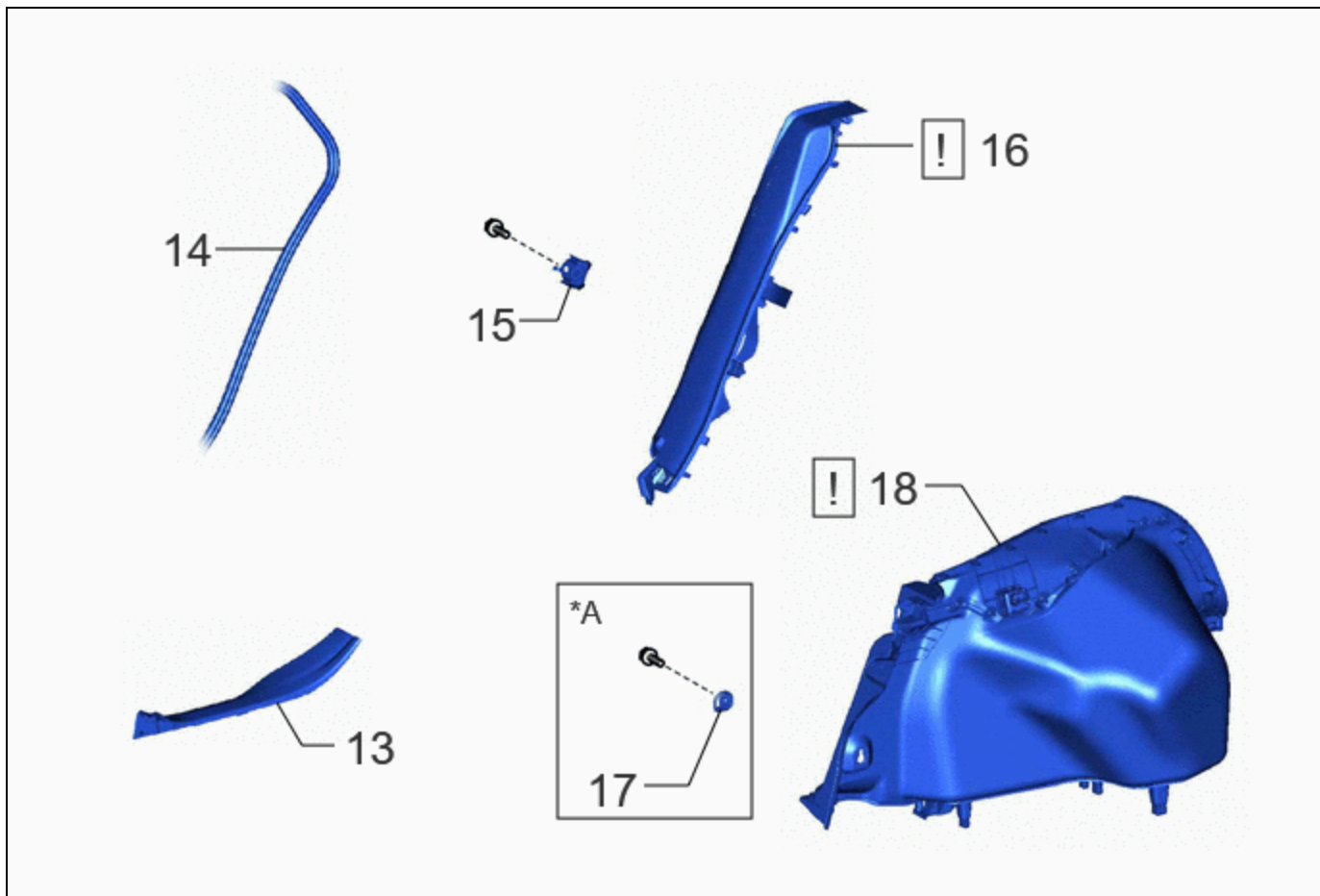


PROCEDURE		PART NAME CODE			
7	DECK BOARD ASSEMBLY	58410B	-	-	-
8	REAR SEAT ASSEMBLY	-	-	-	-



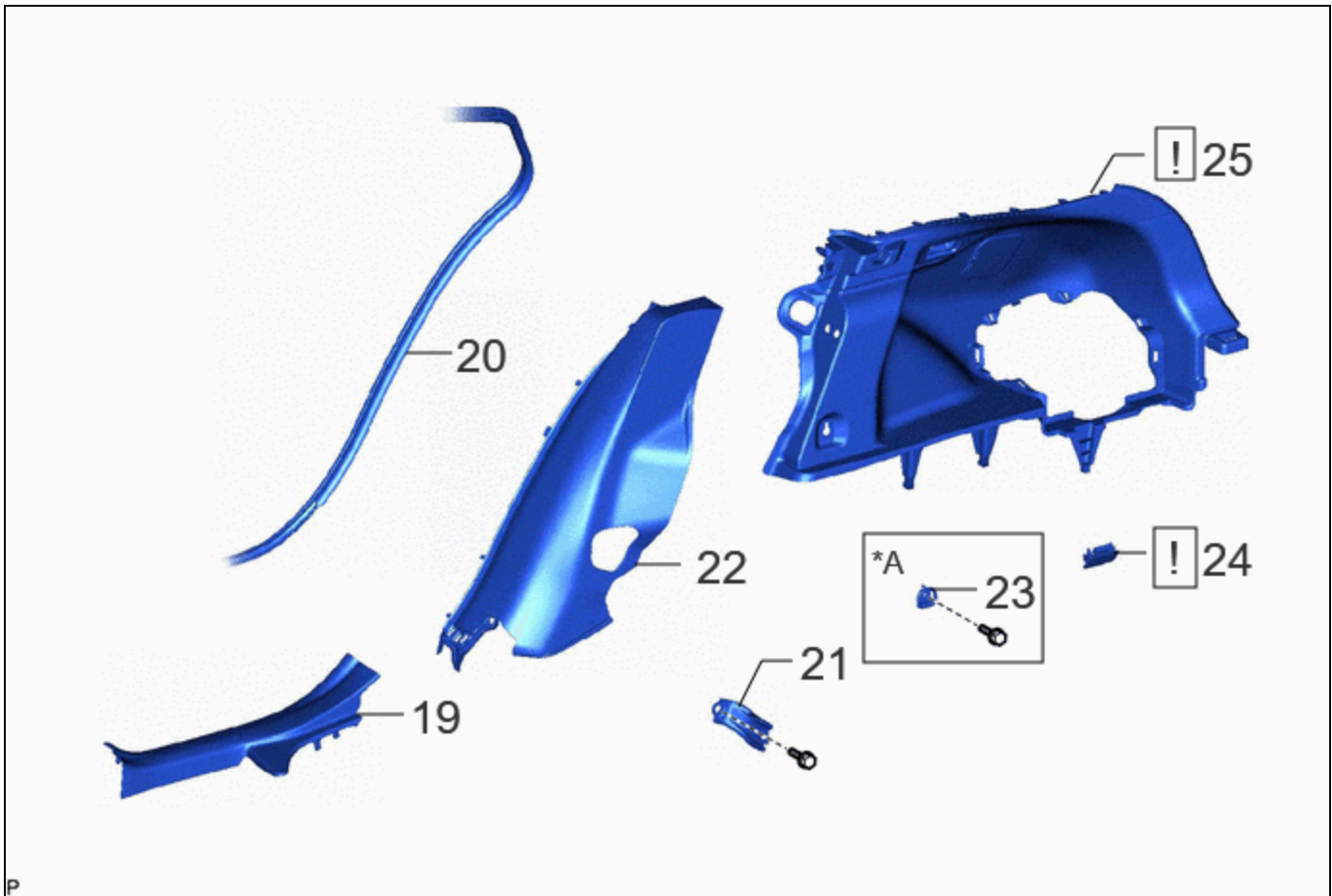
PROCEDURE		PART NAME CODE			
9	DECK FLOOR BOX RH	64995	-	-	-
10	DECK FLOOR BOX LH	64997	-	-	-
11	LUGGAGE HOLD BELT STRIKER ASSEMBLY	58460D	-	-	-
12	REAR DECK TRIM COVER	64716D	-	-	-

*A	for Rear Side	-	-
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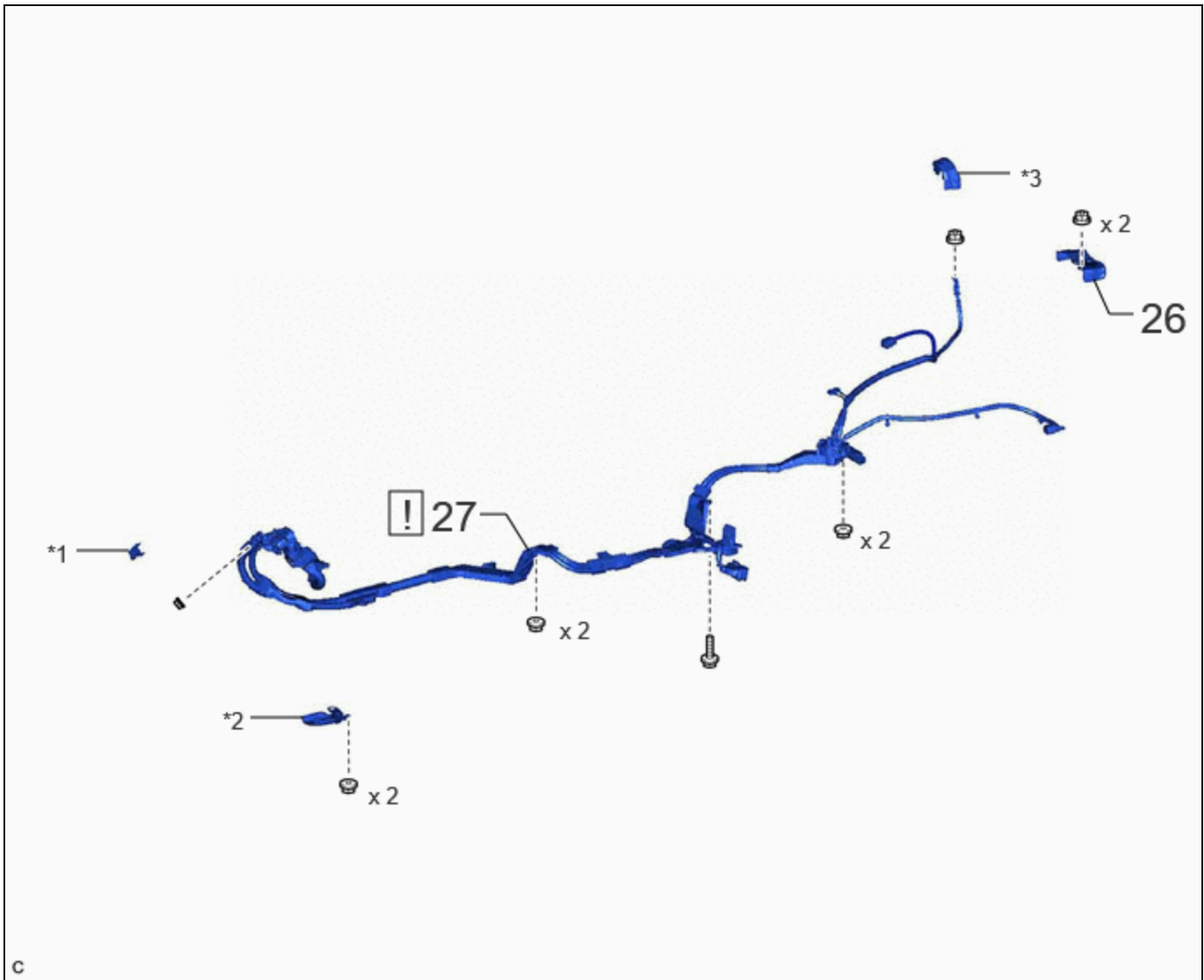
PROCEDURE		PART NAME CODE			
13	REAR DOOR SCUFF PLATE INSIDE LH	67918F	-	-	-
14	REAR DOOR OPENING TRIM WEATHERSTRIP LH	62332A	-	-	-
15	REAR SEAT BACK HINGE SUB-ASSEMBLY LH	71304C	-	-	-
16	REAR SEAT SIDE GARNISH LH	62552F	INFO	-	-
17	LUGGAGE HOLD BELT STRIKER ASSEMBLY	58460D	-	-	-
18	DECK TRIM SIDE PANEL ASSEMBLY LH	64740C	INFO	-	-

*A	for LH Side	-	-
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PROCEDURE		PART NAME CODE			
19	REAR DOOR SCUFF PLATE INSIDE RH	67917F	-	-	-
20	REAR DOOR OPENING TRIM WEATHERSTRIP RH	62331A	-	-	-
21	REAR SEAT BACK HINGE SUB-ASSEMBLY RH	70303C	-	-	-
22	REAR SEAT SIDE GARNISH RH	62551F	-	-	-
23	LUGGAGE HOLD BELT STRIKER ASSEMBLY	58460D	-	-	-
24	NO. 1 LUGGAGE COMPARTMENT LIGHT ASSEMBLY	81330	<b>INFO</b>	-	-
25	DECK TRIM SIDE PANEL ASSEMBLY RH	64730B	-	-	-

*A	for RH Side	-	-
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PROCEDURE		PART NAME CODE			
26	NO. 1 EV CHARGER PROTECTOR	-	-	-	-
27	FLOOR UNDER WIRE	821H1	<a href="#">INFO</a>	-	-

*1	NO. 1 TERMINAL CAP	*2	WIRE HARNESS PROTECTOR
*3	UPPER RELAY BLOCK COVER	-	-

## PROCEDURE

### 1. PRECAUTION

	Click here <a href="#">INFO</a>
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## 2. REMOVE EXHAUST MANIFOLD

Click here [INFO](#)

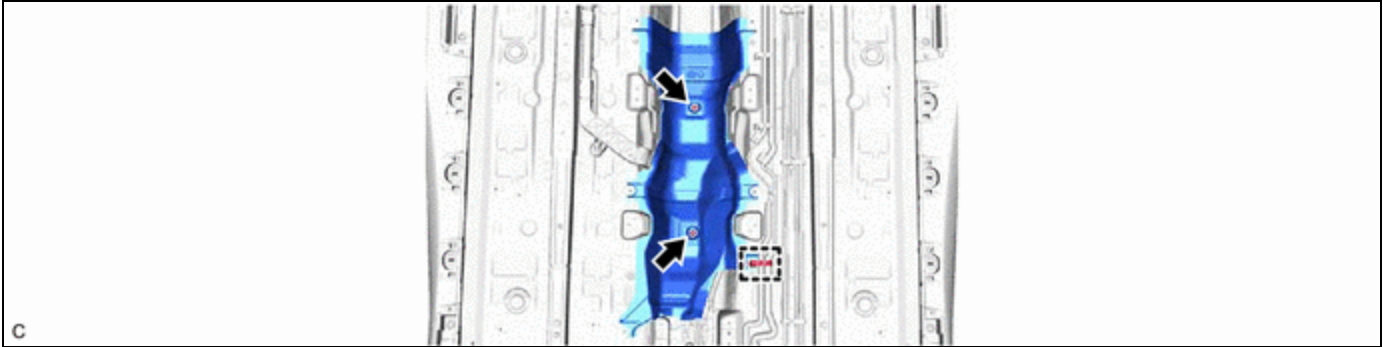
## 3. REMOVE FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY

Click here [INFO](#)

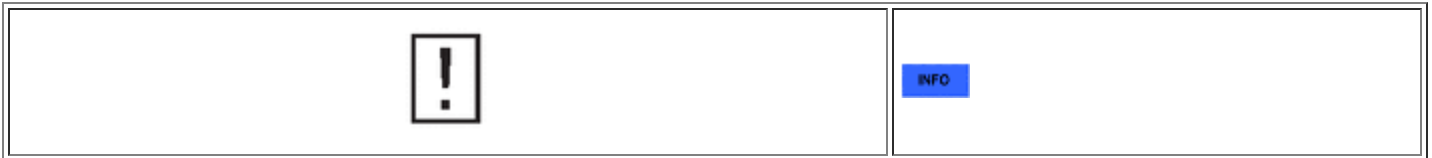
## 4. REMOVE HV SUPPLY BATTERY ASSEMBLY

Click here [INFO](#)

## 5. REMOVE CENTER FLOOR HEAT INSULATOR



## 6. DISCONNECT FLOOR UNDER WIRE



## 7. REMOVE DECK BOARD ASSEMBLY

Click here [INFO](#)

## 8. REMOVE REAR SEAT ASSEMBLY

Click here [INFO](#)

## 9. REMOVE DECK FLOOR BOX RH

Click here [INFO](#)

## 10. REMOVE DECK FLOOR BOX LH

Click here [INFO](#)

## 11. REMOVE LUGGAGE HOLD BELT STRIKER ASSEMBLY (for Rear Side)

Click here [INFO](#)

## 12. REMOVE REAR DECK TRIM COVER

Click here [INFO](#)

## 13. REMOVE REAR DOOR SCUFF PLATE INSIDE LH

Click here [INFO](#)

**14. DISCONNECT REAR DOOR OPENING TRIM WEATHERSTRIP LH**

Click here [INFO](#)

**15. REMOVE REAR SEAT BACK HINGE SUB-ASSEMBLY LH**

Click here [INFO](#)


**16. REMOVE REAR SEAT SIDE GARNISH LH**

	Click here <a href="#">INFO</a>
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**17. REMOVE LUGGAGE HOLD BELT STRIKER ASSEMBLY (for LH Side)**

Click here [INFO](#)

**18. REMOVE DECK TRIM SIDE PANEL ASSEMBLY LH**

	Click here <a href="#">INFO</a>
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**19. REMOVE REAR DOOR SCUFF PLATE INSIDE RH**

(a) Use the same procedure as for the LH side.

**20. DISCONNECT REAR DOOR OPENING TRIM WEATHERSTRIP RH**

(a) Use the same procedure as for the LH side.

**21. REMOVE REAR SEAT BACK HINGE SUB-ASSEMBLY RH**

(a) Use the same procedure as for the LH side.


**22. REMOVE REAR SEAT SIDE GARNISH RH**

(a) Use the same procedure as for the LH side.

**23. REMOVE LUGGAGE HOLD BELT STRIKER ASSEMBLY (for RH Side)**

(a) Use the same procedure as for the LH side.

**24. REMOVE NO. 1 LUGGAGE COMPARTMENT LIGHT ASSEMBLY**

	<a href="#">INFO</a>
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**25. REMOVE DECK TRIM SIDE PANEL ASSEMBLY RH**

(a) Use the same procedure as for the LH side.

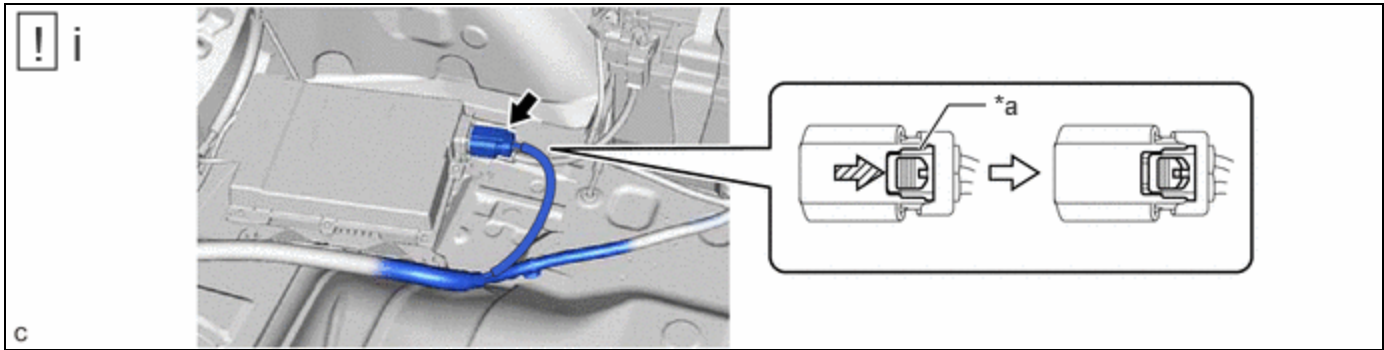
**26. REMOVE NO. 1 EV CHARGER PROTECTOR**


Click here [INFO](#)

**27. REMOVE FLOOR UNDER WIRE**

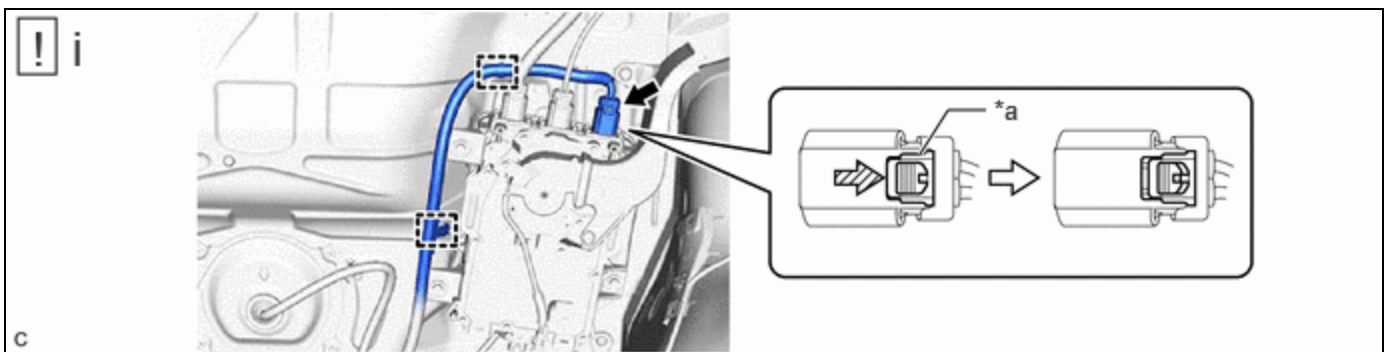
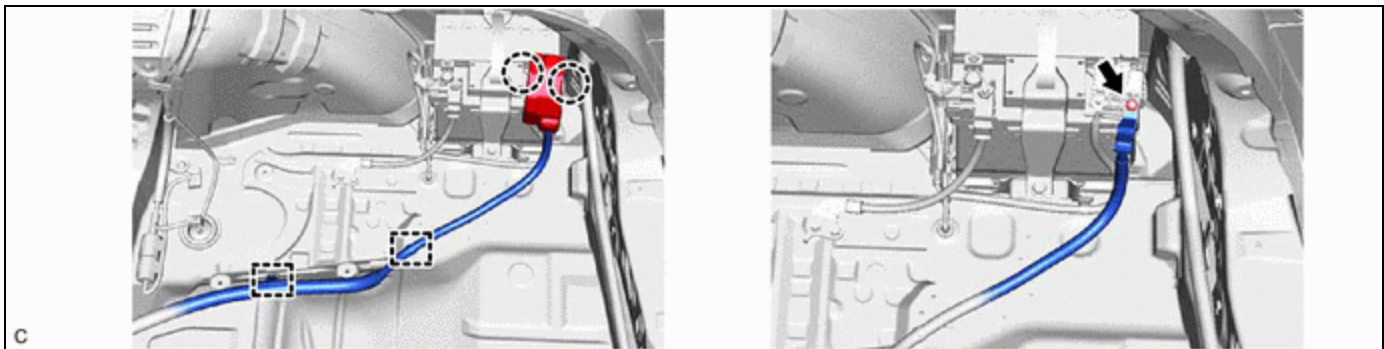
	<p><b>CAUTION:</b> Be sure to wear insulated gloves.</p> <p><b>NOTICE:</b> Insulate the disconnected high-voltage connector with insulating tape.</p>
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(a) w/ Solar Charging System:




*a	Green-colored Lock	-	-
	Slide	-	-

(1) Using a screwdriver, slide the green-colored lock of the connector as shown in the illustration to release it and disconnect the solar energy control ECU assembly connector.

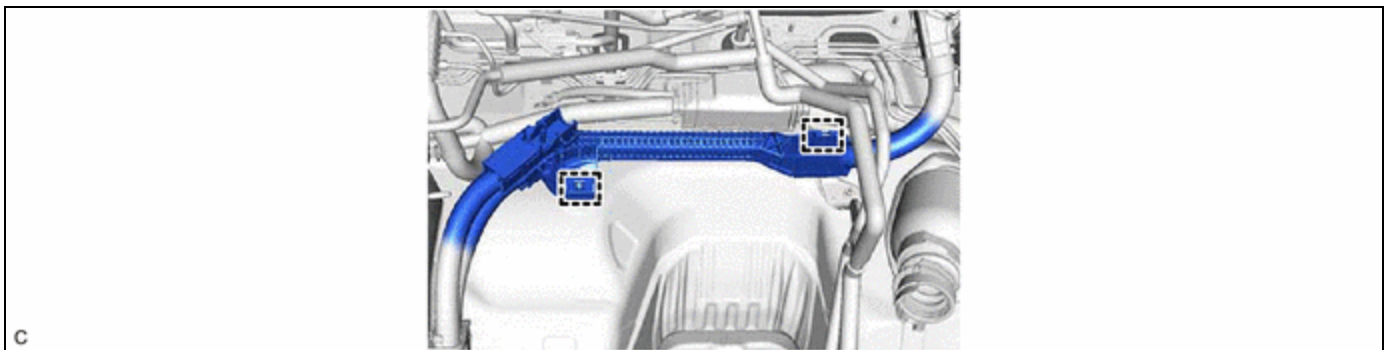
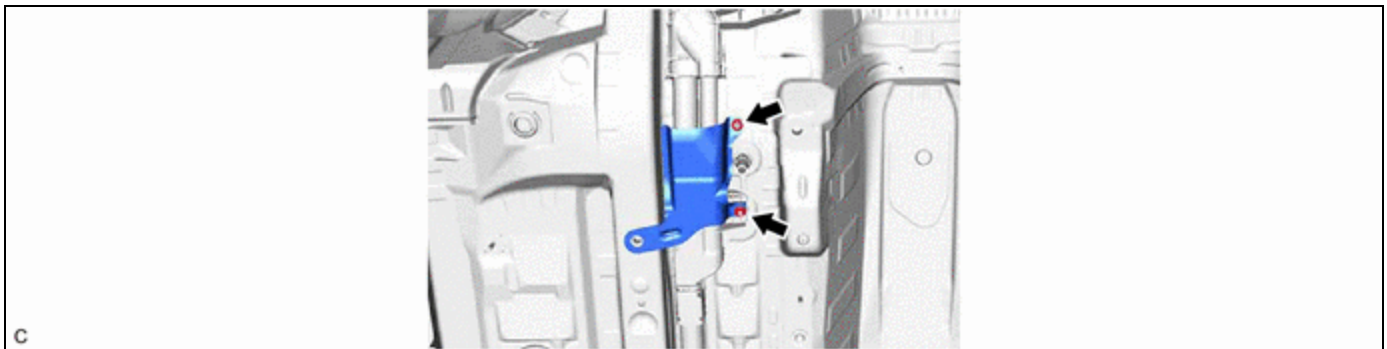
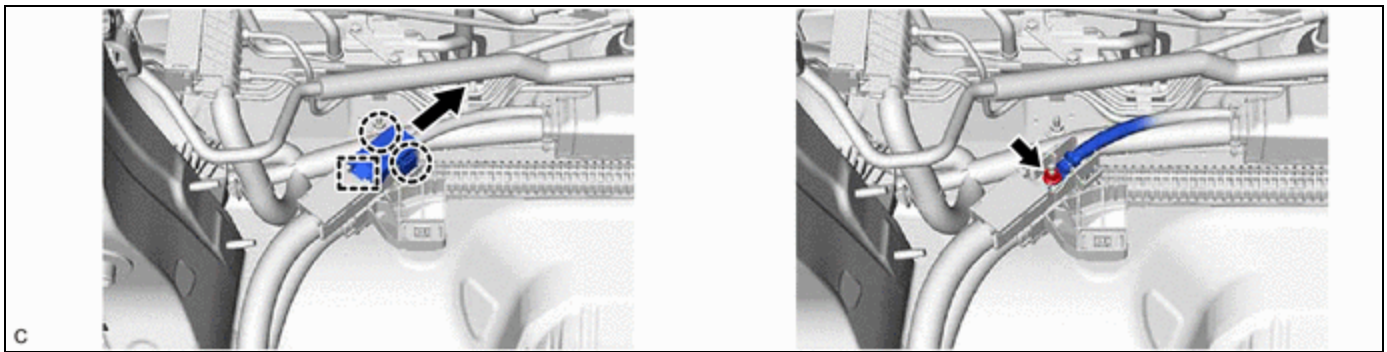
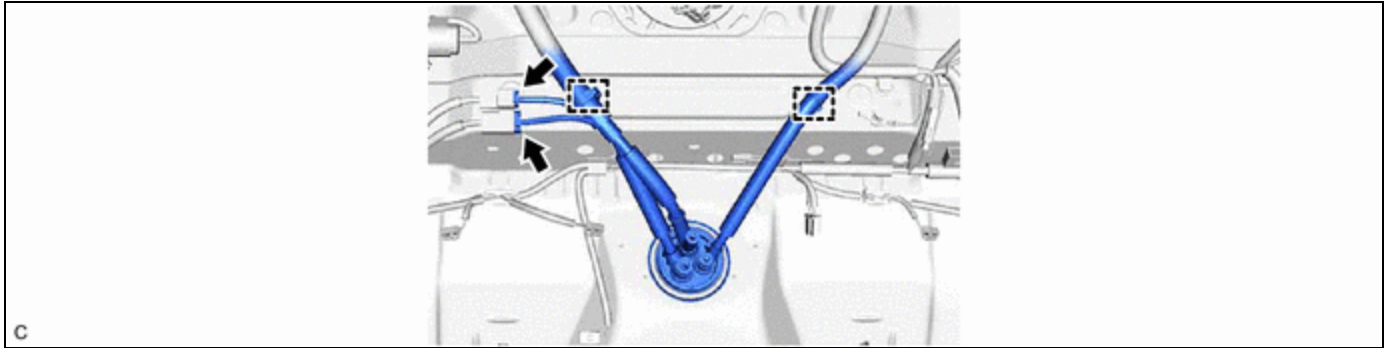


*a	Green-colored Lock	-	-
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	Slide	-	-
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(1) Using a screwdriver, slide the green-colored lock of the connector as shown in the illustration to release it and disconnect the electric vehicle charger assembly connector.

(2) Disengage the 2 clamps.



(h) w/ Solar Charging System:

