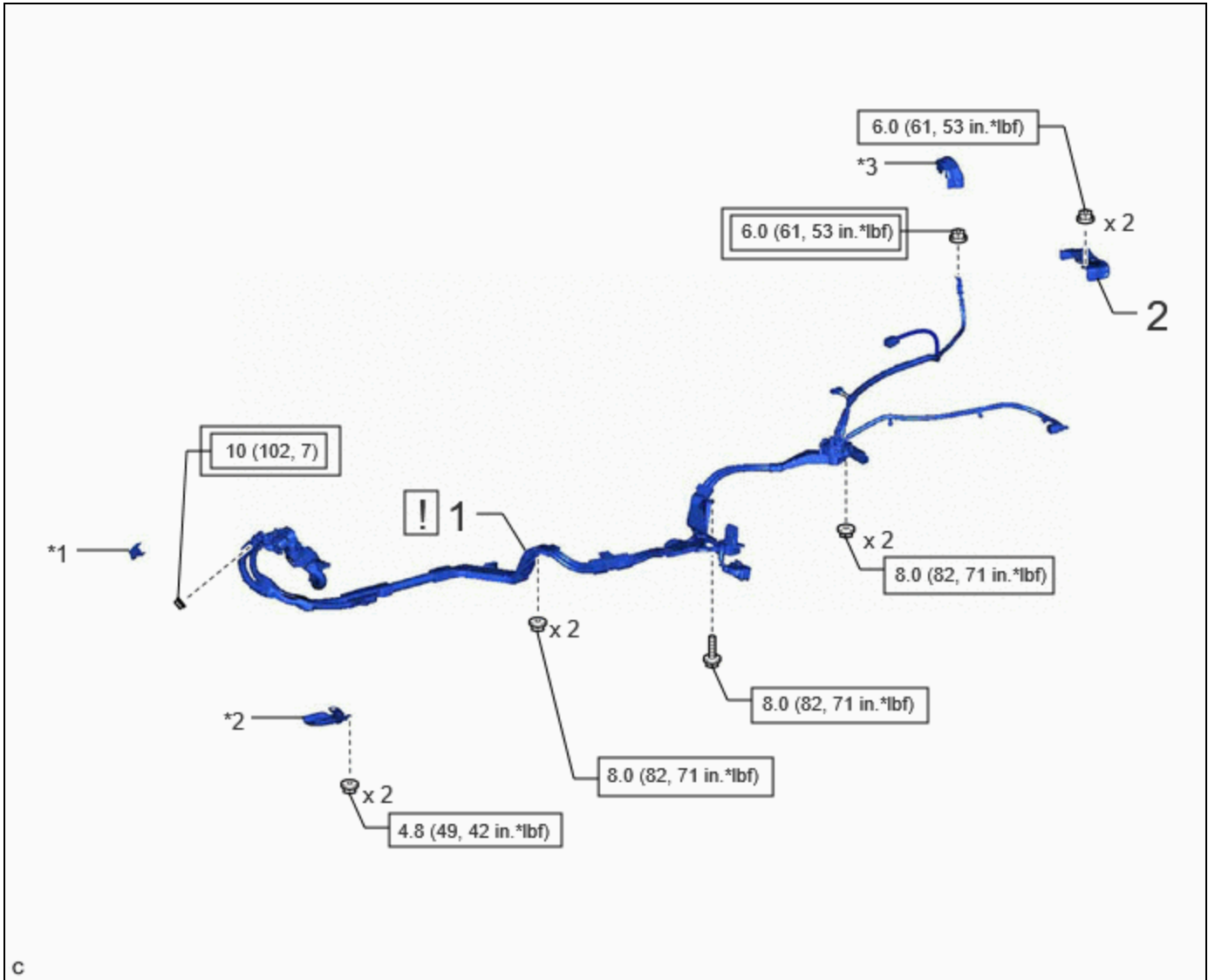


<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000002B7BB
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> HYBRID / BATTERY CONTROL: FRAME WIRE (for PHEV Model): INSTALLATION; 2023 - 2024 MY Prius Prime [03/2023 - ]		



## INSTALLATION

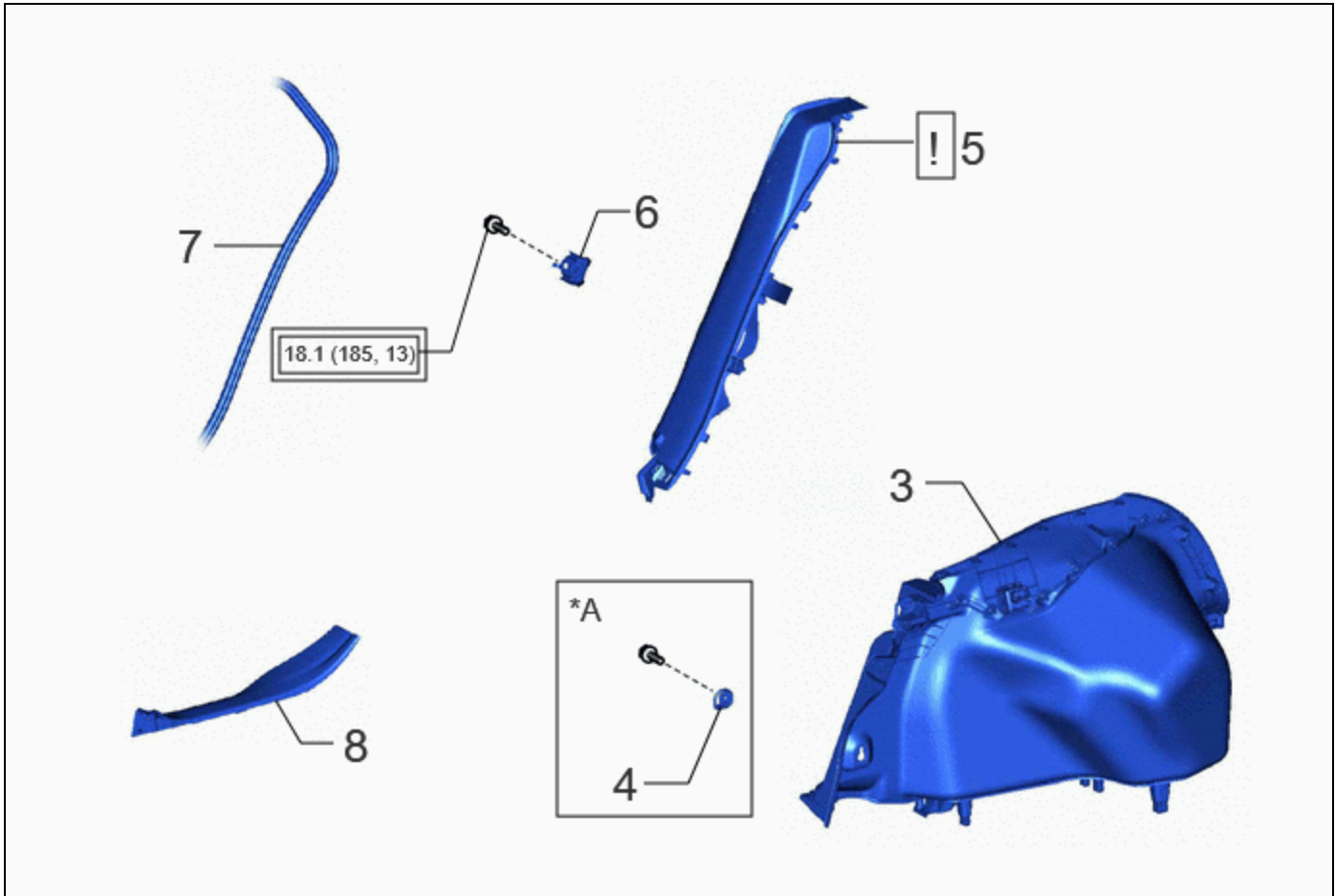
### CAUTION / NOTICE / HINT




#### COMPONENTS (INSTALLATION)




	PROCEDURE	PART NAME CODE			
1	FLOOR UNDER WIRE	821H1	<a href="#">INFO</a>	-	-
2	NO. 1 EV CHARGER PROTECTOR	-	-	-	-

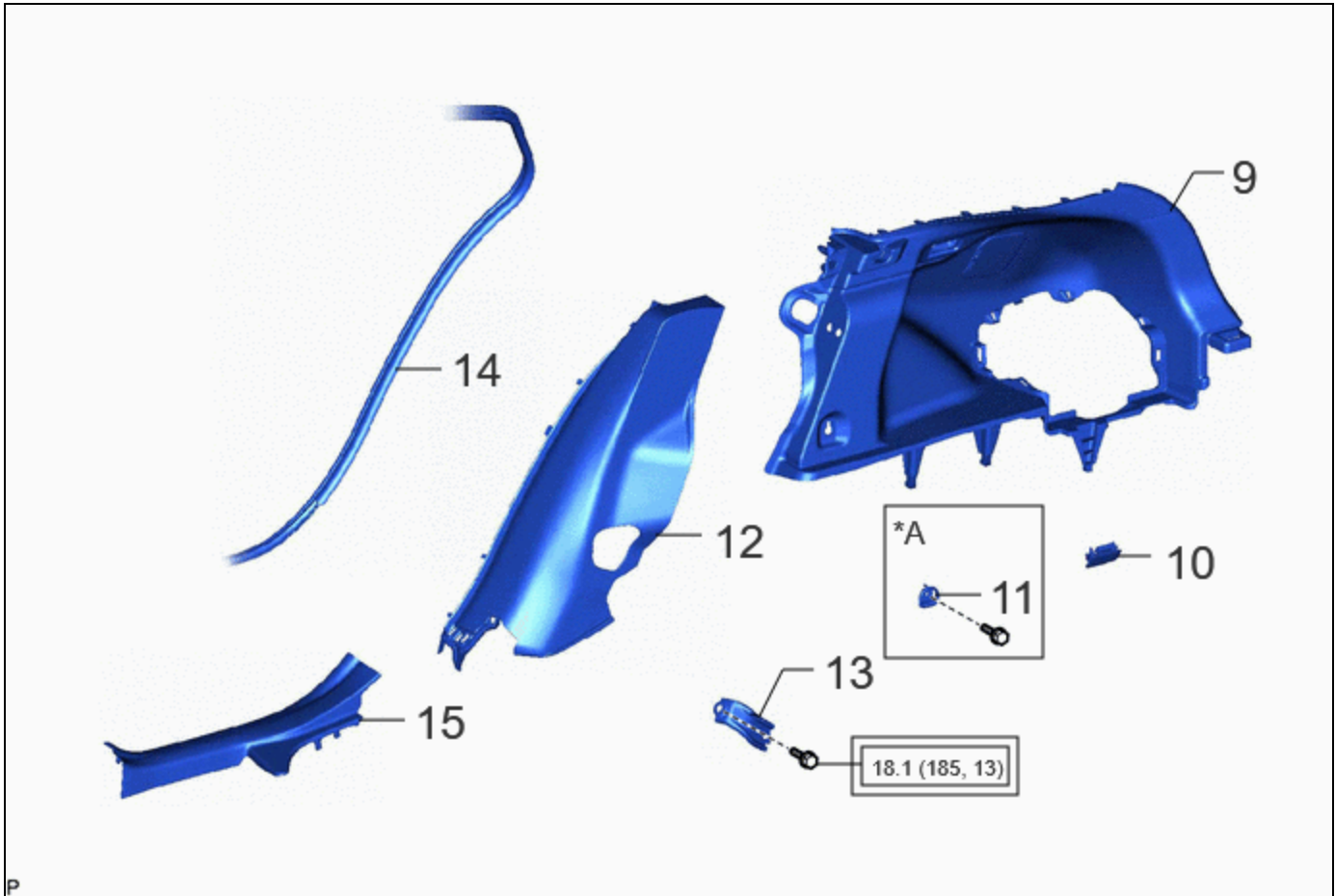
*1	NO. 1 TERMINAL CAP	*2	WIRE HARNESS PROTECTOR
*3	UPPER RELAY BLOCK COVER	-	-
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		N*m (kgf*cm, ft.*lbf): Specified torque







PROCEDURE		PART NAME CODE			
3	DECK TRIM SIDE PANEL ASSEMBLY LH	64740C	-	-	-
4	LUGGAGE HOLD BELT STRIKER ASSEMBLY	58460D	-	-	-
5	REAR SEAT SIDE GARNISH LH	62552F	INFO	-	-
6	REAR SEAT BACK HINGE SUB-ASSEMBLY LH	71304C	-	-	-
7	REAR DOOR OPENING TRIM WEATHERSTRIP LH	62332A	-	-	-
8	REAR DOOR SCUFF PLATE INSIDE LH	67918F	-	-	-

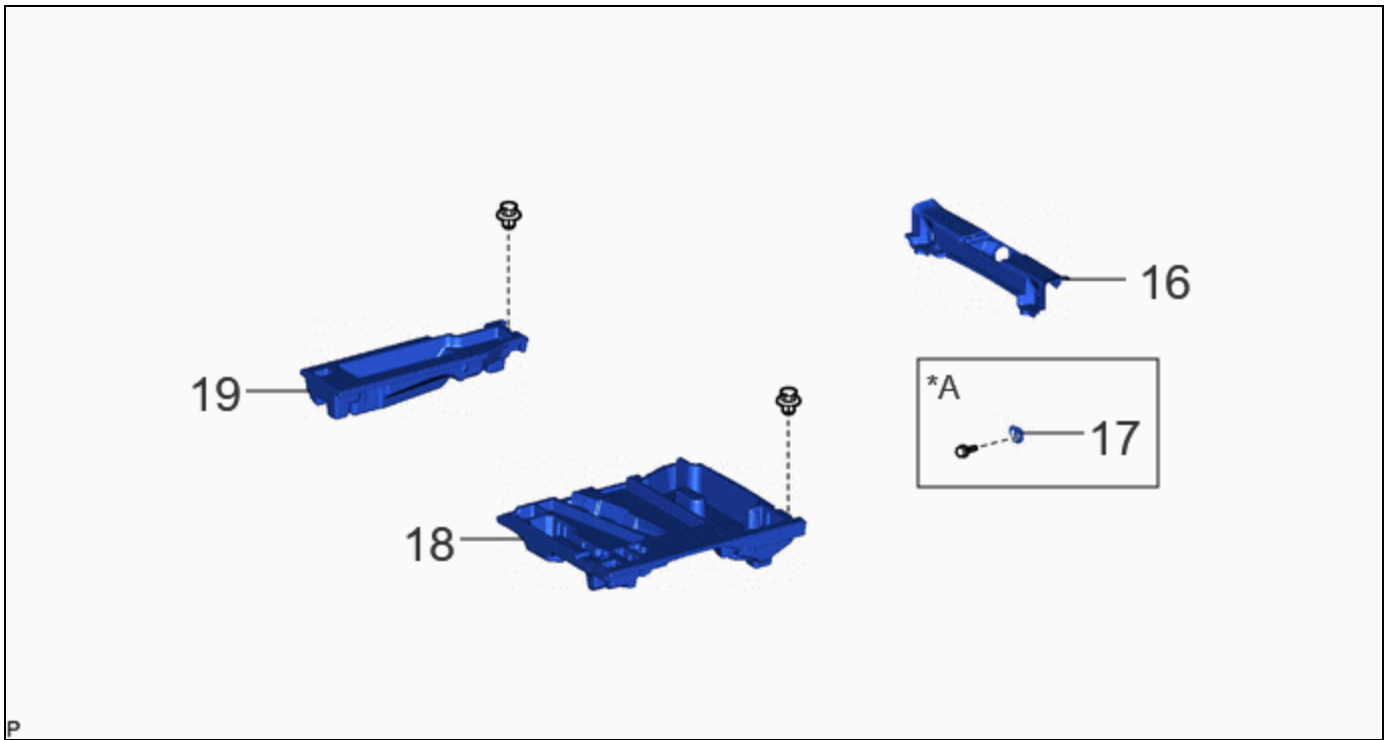
*A	for LH Side	-	-
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	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		
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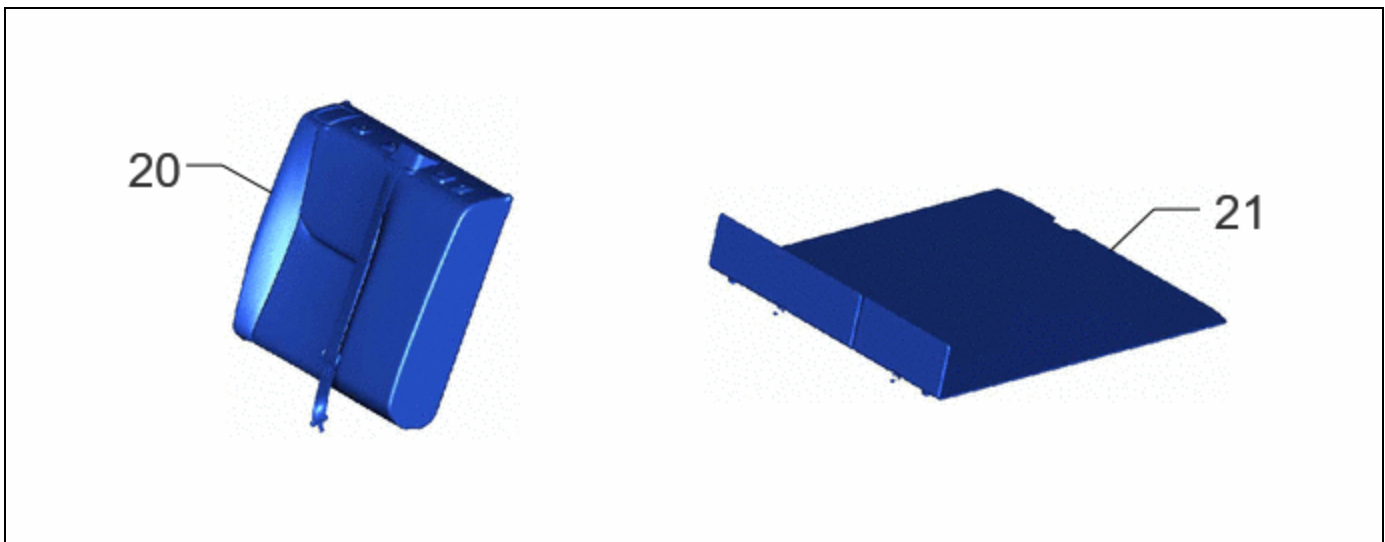
PROCEDURE		PART NAME CODE			
9	DECK TRIM SIDE PANEL ASSEMBLY RH	64730B	-	-	-
10	NO. 1 LUGGAGE COMPARTMENT LIGHT ASSEMBLY	81330	-	-	-
11	LUGGAGE HOLD BELT STRIKER ASSEMBLY	58460D	-	-	-
12	REAR SEAT SIDE GARNISH RH	62551F	-	-	-
13	REAR SEAT BACK HINGE SUB-ASSEMBLY RH	71303C	-	-	-
14	REAR DOOR OPENING TRIM WEATHERSTRIP RH	62331A	-	-	-
15	REAR DOOR SCUFF PLATE INSIDE RH	67917F	-	-	-




*A	for RH Side		
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		

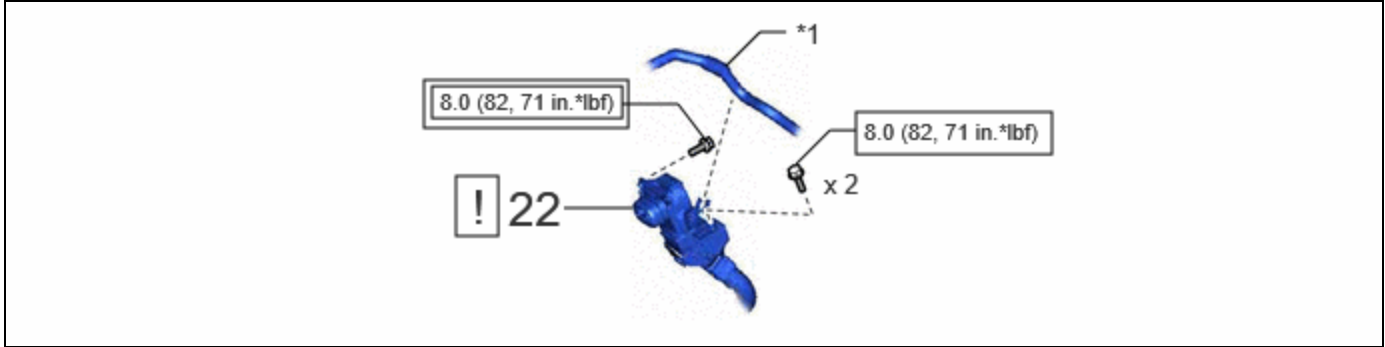





PROCEDURE		PART NAME CODE			
16	REAR DECK TRIM COVER	64716D	-	-	-
17	LUGGAGE HOLD BELT STRIKER ASSEMBLY	58460D	-	-	-
18	DECK FLOOR BOX LH	64997	-	-	-
19	DECK FLOOR BOX RH	64995	-	-	-



*A	for Rear Side	-	-
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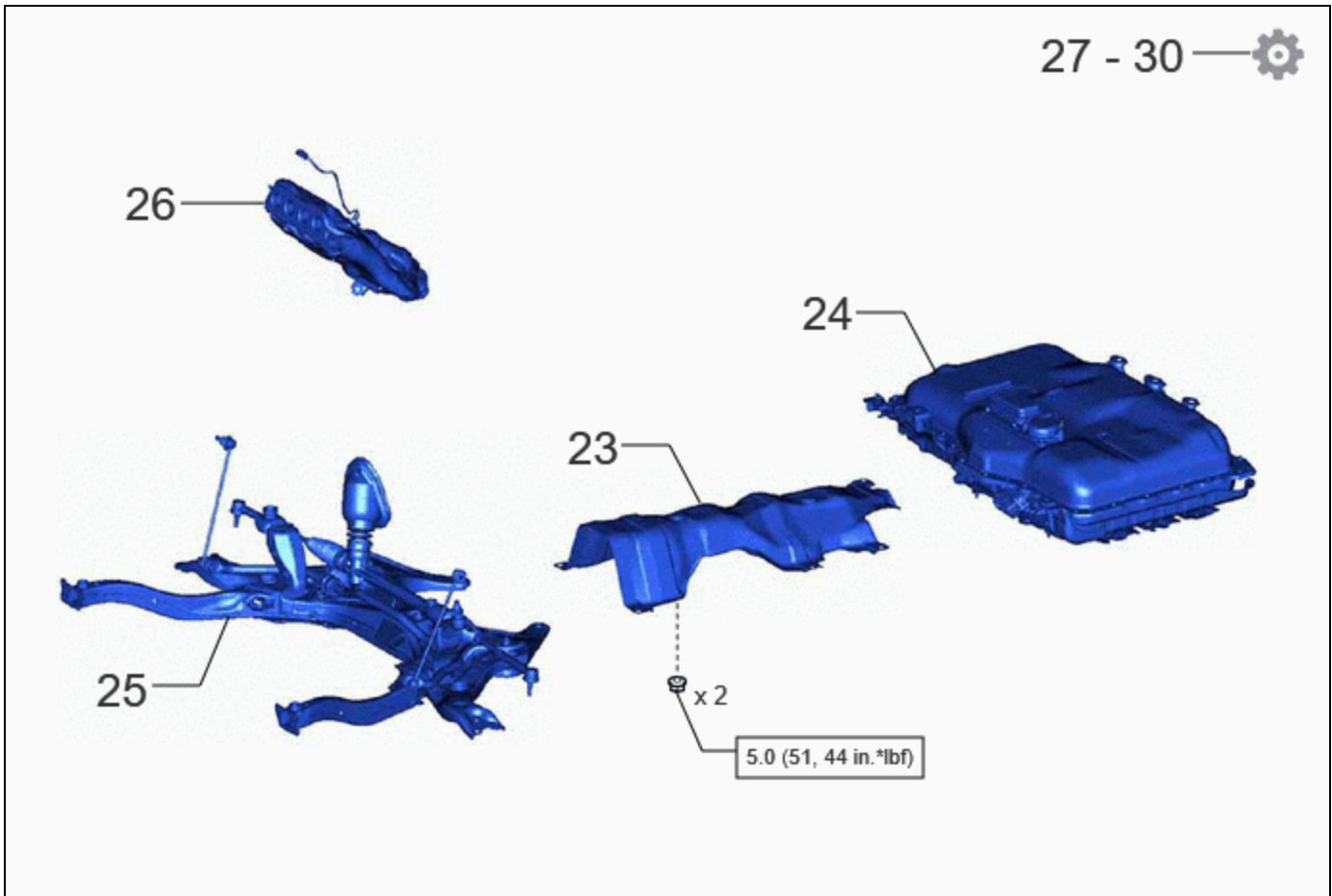


PROCEDURE		PART NAME CODE			
20	REAR SEAT ASSEMBLY	-	-	-	-
21	DECK BOARD ASSEMBLY	58410B	-	-	-



PROCEDURE		PART NAME CODE			
22	FLOOR UNDER WIRE	821H1	<a href="#">INFO</a>	-	-

*1	FUEL VAPOR FEED HOSE ASSEMBLY	-	-
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		N*m (kgf*cm, ft.*lbf): Specified torque



PROCEDURE		PART NAME CODE			
23	CENTER FLOOR HEAT INSULATOR	-	-	-	-
24	HV SUPPLY BATTERY ASSEMBLY	G9510	-	-	-
25	FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY	51201	-	-	-
26	EXHAUST MANIFOLD	17141	-	-	-
27	CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT	-	-	-	<a href="#">INFO</a>
28	WARM UP COMPRESSOR	-	-	-	<a href="#">INFO</a>
29	INSPECT FOR REFRIGERANT LEAK	-	-	-	<a href="#">INFO</a>
30	PERFORM INITIALIZATION	-	-	-	<a href="#">INFO</a>

	N*m (kgf*cm, ft.*lbf): Specified torque	-	-
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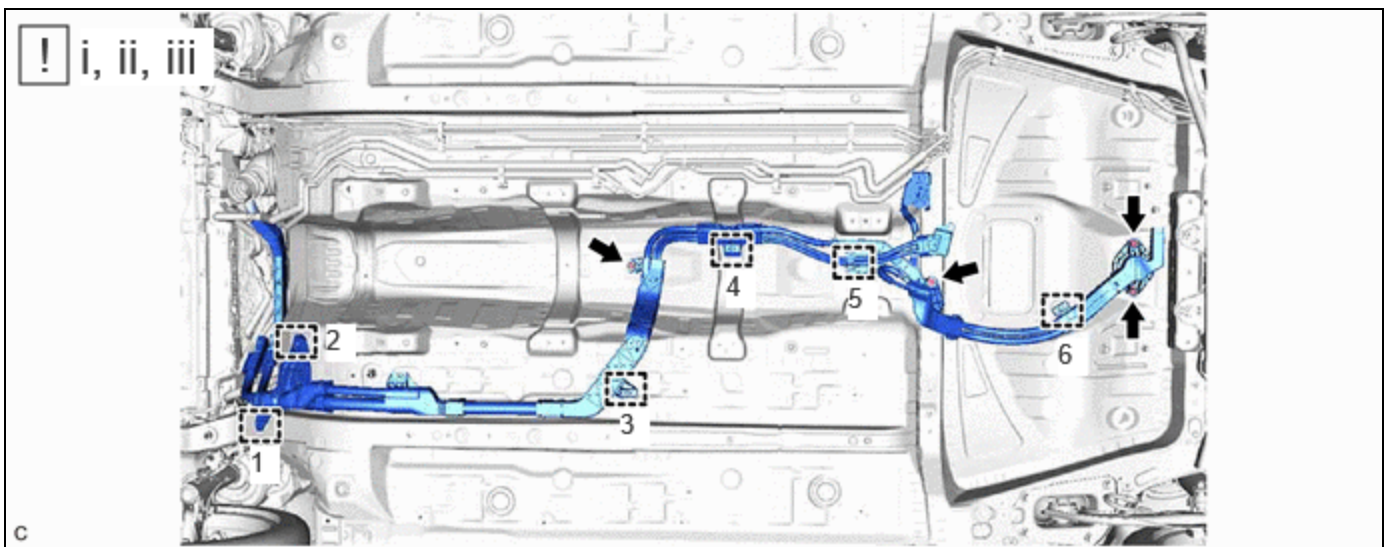
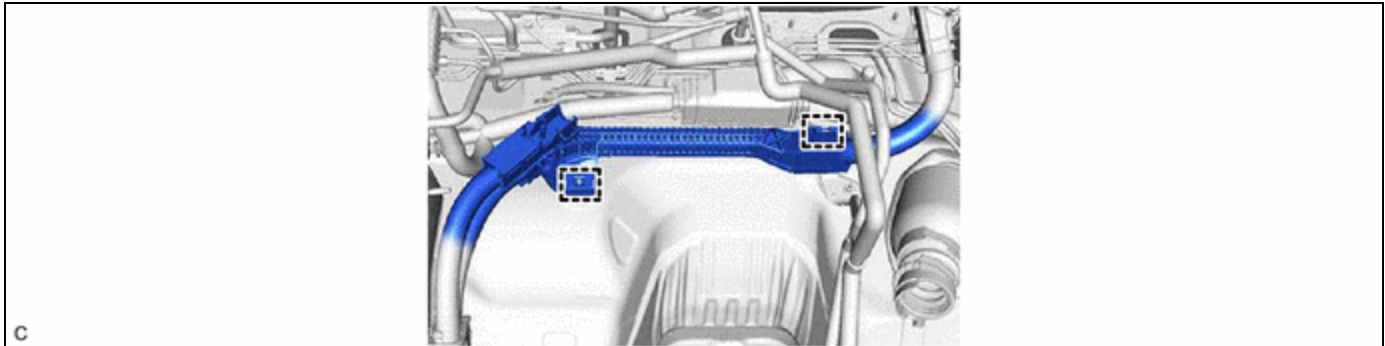
## PROCEDURE

## 1. INSTALL FLOOR UNDER WIRE



### CAUTION:

Be sure to wear insulated gloves.



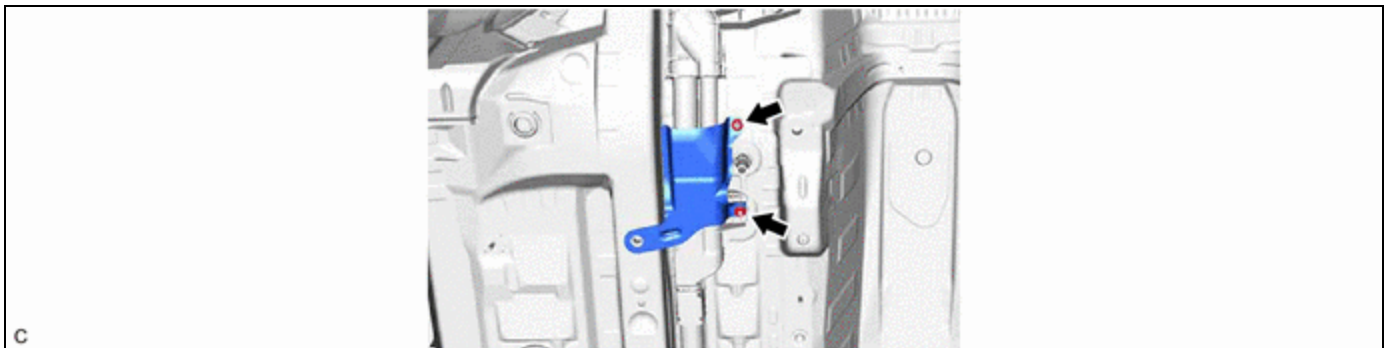
(1) Insert the HV floor under wire into the floor panel hole and engage the grommet.

(2) Engage the 3 clamps as shown in the illustration.

(3) Install the bolt and 3 nuts.

### Torque:

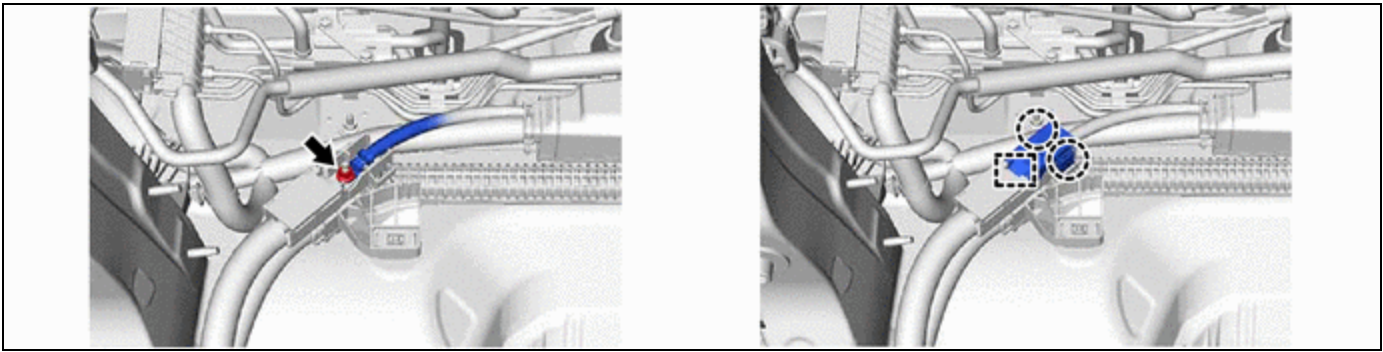
**8.0 N·m {82 kgf·cm, 71 in·lbf}**



### Torque:

**4.8 N·m {49 kgf·cm, 42 in·lbf}**

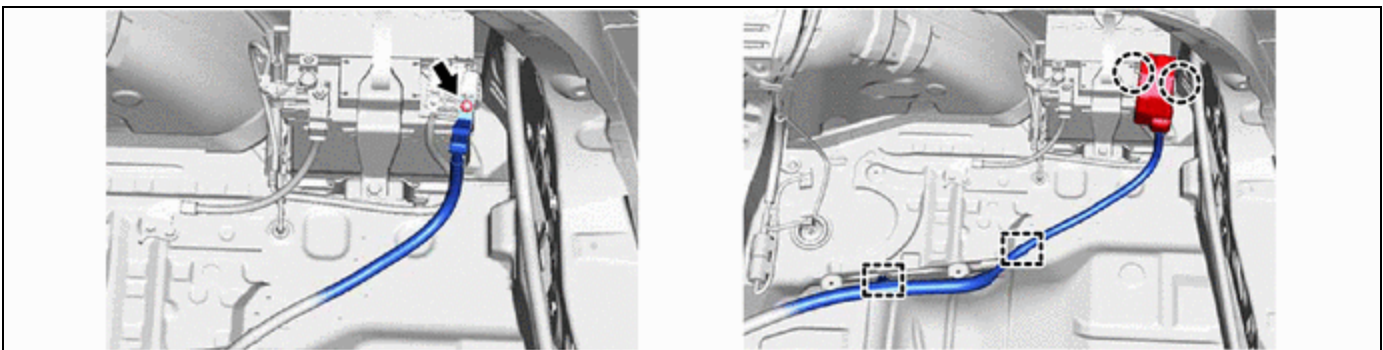
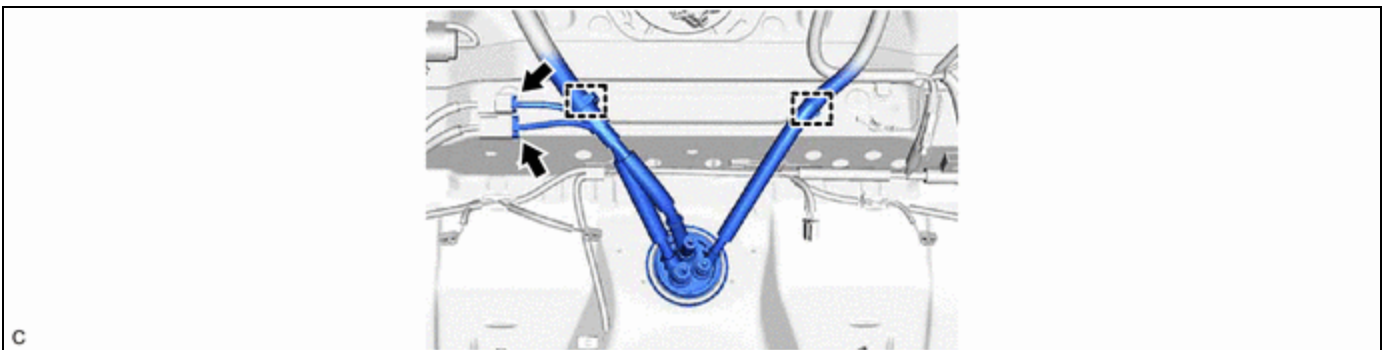
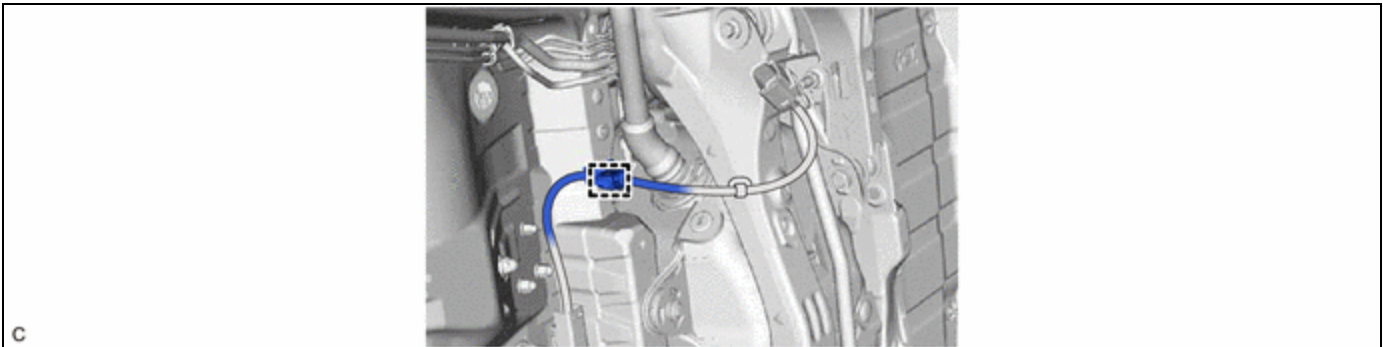




**Torque:**

**10 N·m {102 kgf·cm, 7 ft·lbf}**

(e) w/ Solar Charging System:

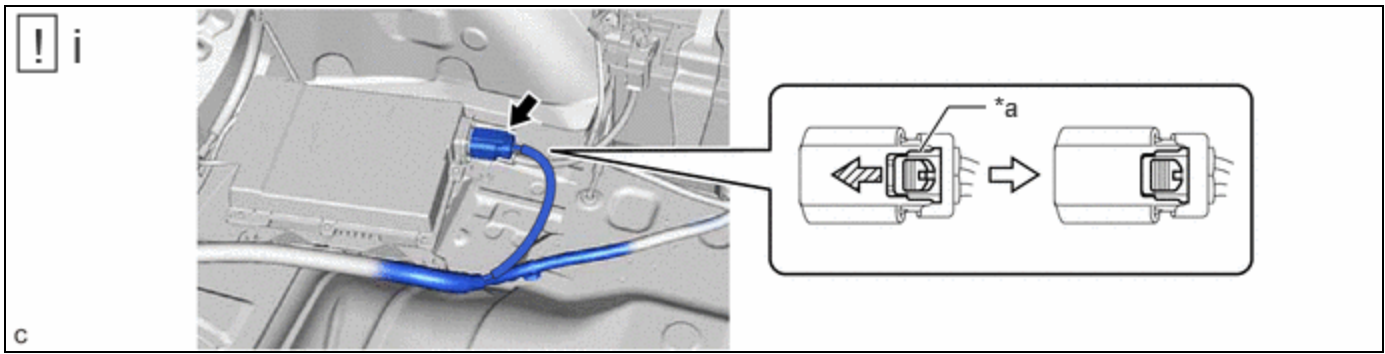


**Torque:**

**6.0 N·m {61 kgf·cm, 53 in·lbf}**

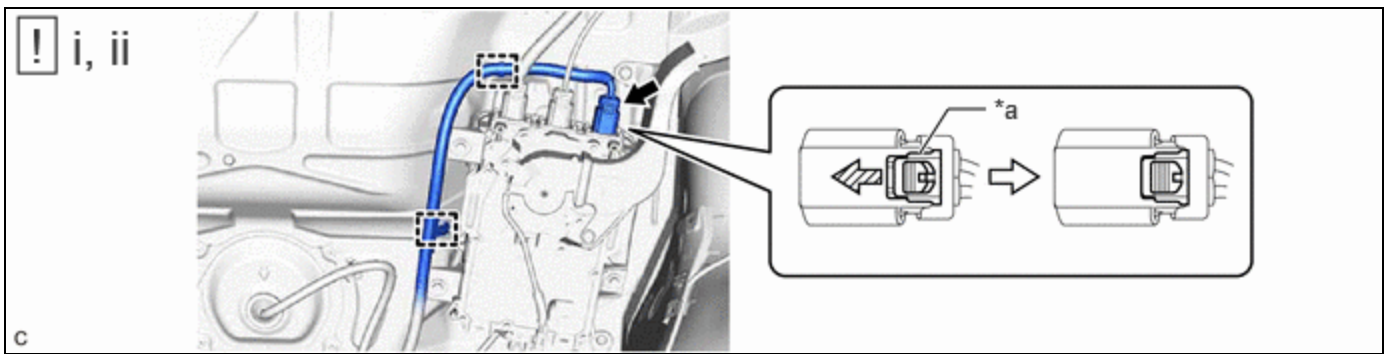
(h) w/ Solar Charging System:





*a	Green-colored Lock	-	-
	Slide	-	-

(1) Connect the solar energy control ECU assembly connector and slide the green-colored lock as shown in the illustration to lock it securely.



*a	Green-colored Lock	-	-
	Slide	-	-

- (1) Engage the 2 clamps.
- (2) Connect the electric vehicle charger assembly connector and slide the green-colored lock as shown in the illustration to lock it securely.

**2. INSTALL NO. 1 EV CHARGER PROTECTOR**

Click here [INFO](#)

**3. INSTALL DECK TRIM SIDE PANEL ASSEMBLY LH**

**4. INSTALL LUGGAGE HOLD BELT STRIKER ASSEMBLY (for LH Side)**

**5. INSTALL REAR SEAT SIDE GARNISH LH**

	Click here <a href="#">INFO</a>
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**6. INSTALL REAR SEAT BACK HINGE SUB-ASSEMBLY LH**

Click here [INFO](#)

**7. CONNECT REAR DOOR OPENING TRIM WEATHERSTRIP LH**

**8. INSTALL REAR DOOR SCUFF PLATE INSIDE LH**

**9. INSTALL DECK TRIM SIDE PANEL ASSEMBLY RH**

**10. INSTALL NO. 1 LUGGAGE COMPARTMENT LIGHT ASSEMBLY**

**11. INSTALL LUGGAGE HOLD BELT STRIKER ASSEMBLY (for RH Side)**

**12. INSTALL REAR SEAT SIDE GARNISH RH**

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

**13. INSTALL REAR SEAT BACK HINGE SUB-ASSEMBLY RH**

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

**14. CONNECT REAR DOOR OPENING TRIM WEATHERSTRIP RH**

**15. INSTALL REAR DOOR SCUFF PLATE INSIDE RH**

**16. INSTALL REAR DECK TRIM COVER**

**17. INSTALL LUGGAGE HOLD BELT STRIKER ASSEMBLY (for Rear Side)**

**18. INSTALL DECK FLOOR BOX LH**

**19. INSTALL DECK FLOOR BOX RH**

**20. INSTALL REAR SEAT ASSEMBLY**

Click here [INFO](#)

**21. INSTALL DECK BOARD ASSEMBLY**

**22. CONNECT FLOOR UNDER WIRE**



Click here [INFO](#)

**23. INSTALL CENTER FLOOR HEAT INSULATOR**

**Torque:**

**5.0 N·m {51 kgf·cm, 44 in·lbf}**

**24. INSTALL HV SUPPLY BATTERY ASSEMBLY**

Click here [INFO](#)

**25. INSTALL FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY**

Click here [INFO](#)

**26. INSTALL EXHAUST MANIFOLD**

Click here [INFO](#)

## 27. CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT

Click here [INFO](#)

## 28. WARM UP COMPRESSOR

Click here [INFO](#)

## 29. INSPECT FOR REFRIGERANT LEAK

Click here [INFO](#)

## 30. PERFORM INITIALIZATION

Click here [INFO](#)

