

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000029QX1
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> HYBRID / BATTERY CONTROL: FRAME WIRE (for HEV Model): REMOVAL; 2023 - 2024 MY Prius [12/2022 - ]		

## 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 [INFO](#)

- 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**

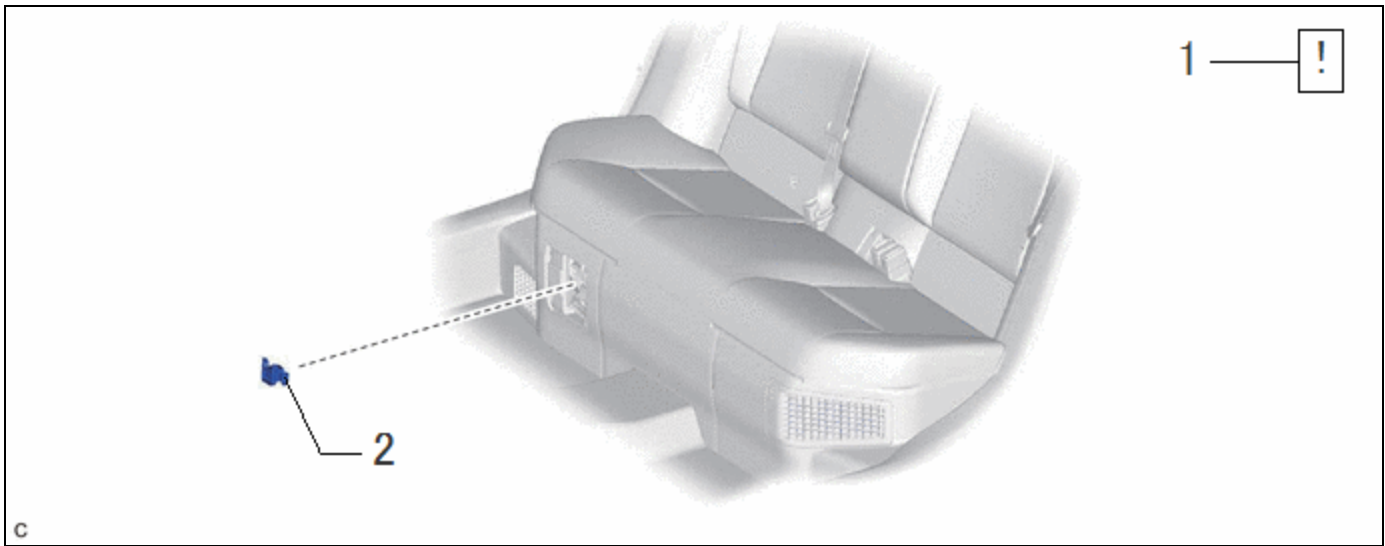
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 seconds or more.	<a href="#">INFO</a>




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

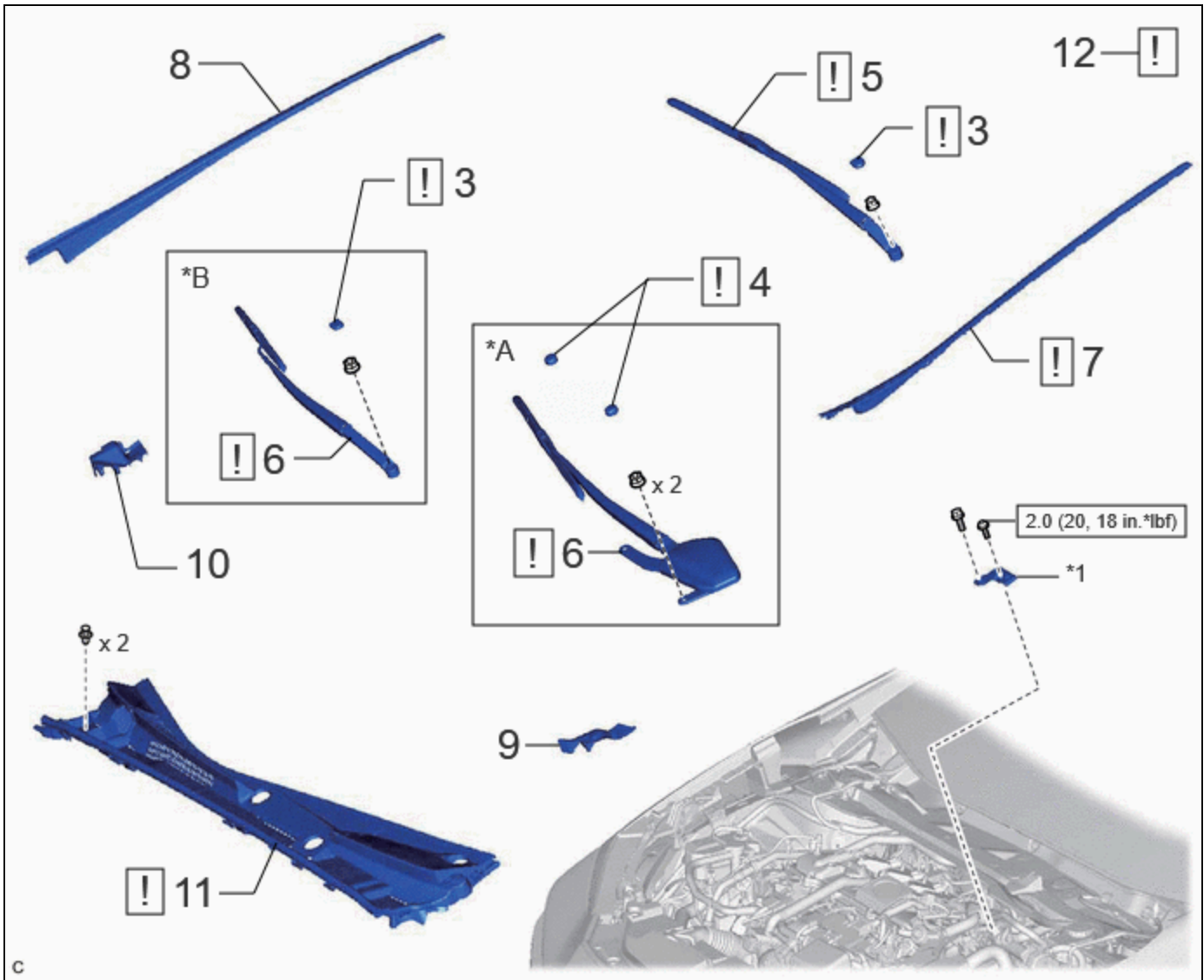
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Power Door Lock Control System*1 <ul style="list-style-type: none"> <li>Back door opener</li> </ul>	Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch.	<a 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 standard position is recognized.	-
*1: w/o Power Back Door System		
*2: w/ Power Back Door System		

**CAUTION / NOTICE / HINT**


**COMPONENTS (REMOVAL)**

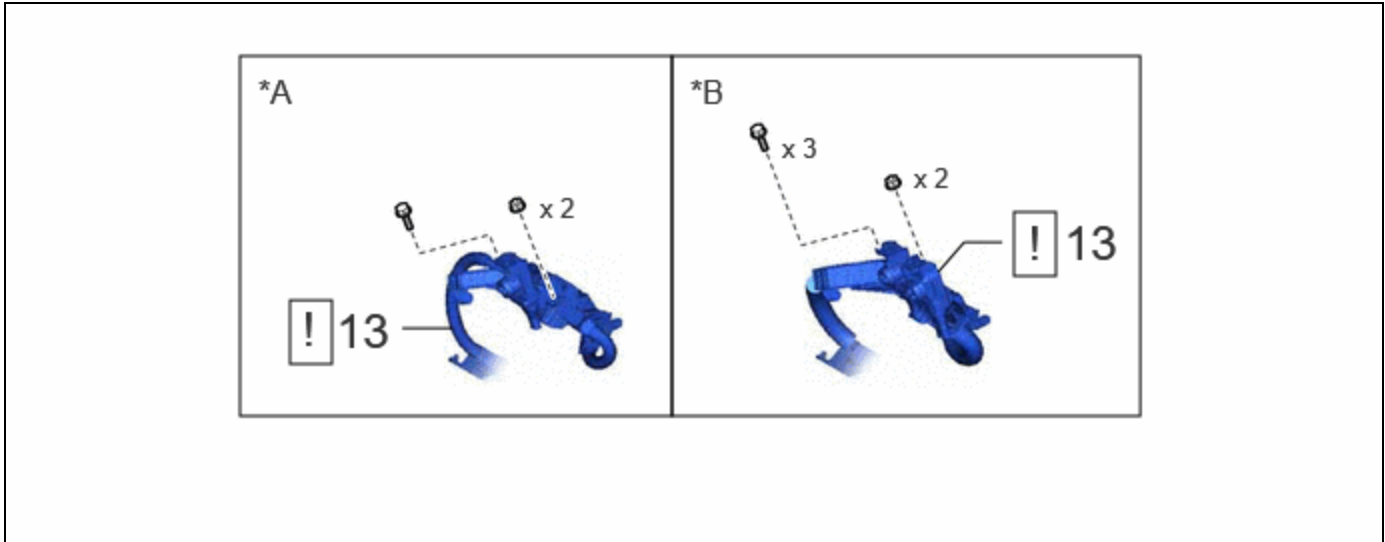





PROCEDURE		PART NAME CODE			
1	PRECAUTION	-	<b>INFO</b>	-	-
2	SERVICE PLUG GRIP	G3834	-	-	-



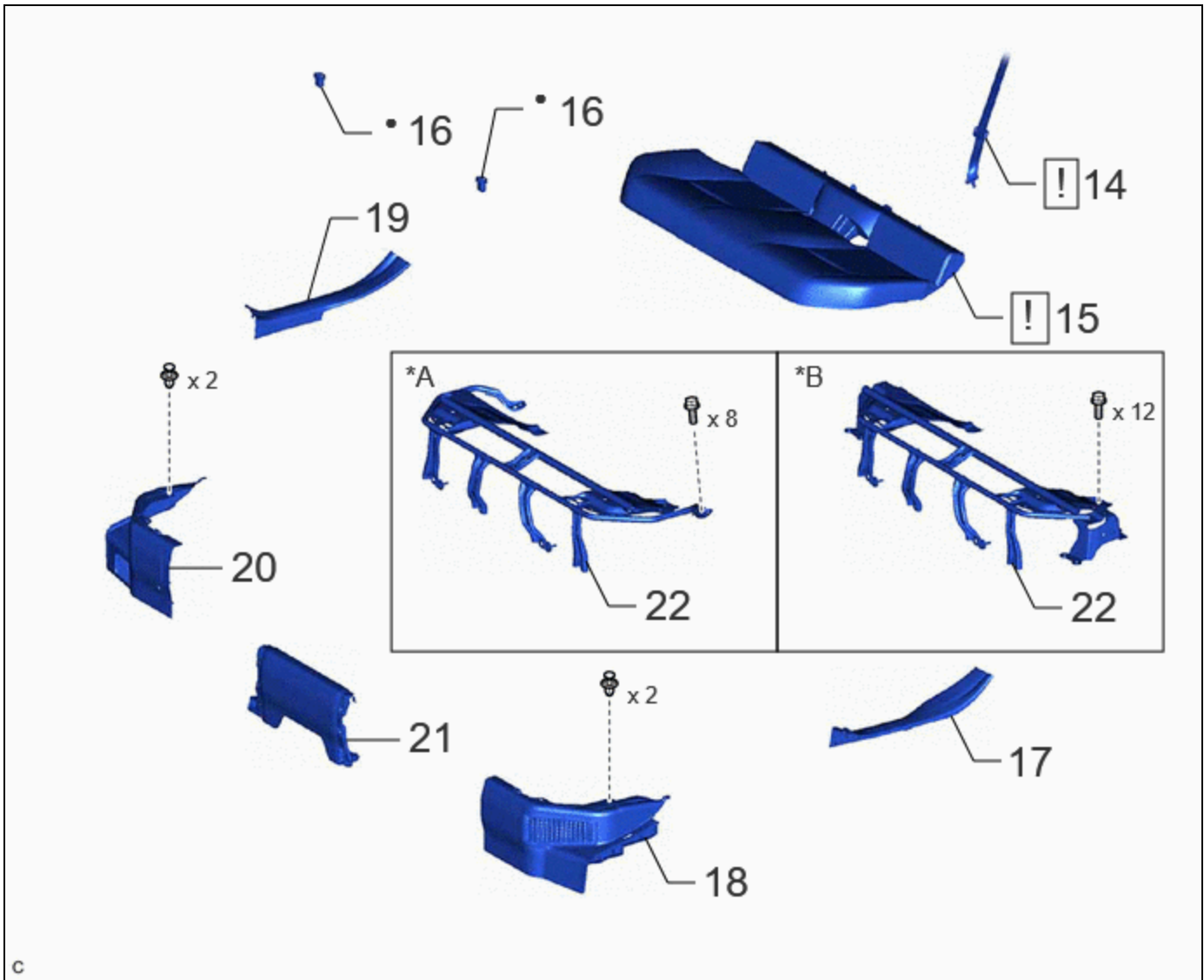
PROCEDURE		PART NAME CODE			
3	FRONT WIPER ARM HEAD CAP	85292B	<a href="#">INFO</a>	-	-
4	SHIELD CAP	85247	<a href="#">INFO</a>	-	-
5	FRONT WIPER ARM AND BLADE ASSEMBLY LH	-	<a href="#">INFO</a>	-	-
6	FRONT WIPER ARM AND BLADE ASSEMBLY RH	-	<a href="#">INFO</a>	-	-
7	WINDSHIELD LOWER OUTSIDE MOULDING LH	75536D	<a href="#">INFO</a>	-	-
8	WINDSHIELD LOWER OUTSIDE MOULDING RH	75535F	-	-	-
9	COWL WATER EXTRACT SHIELD LH	55754F	-	-	-
10	COWL WATER EXTRACT SHIELD RH	55753D	-	-	-
11	COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY	55708	<a href="#">INFO</a>	-	-
12	CHECK TERMINAL VOLTAGE	-	<a href="#">INFO</a>	-	-

*1	Connector Cover Assembly	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-



PROCEDURE		PART NAME CODE			
13	FLOOR UNDER WIRE	-	INFO	-	-

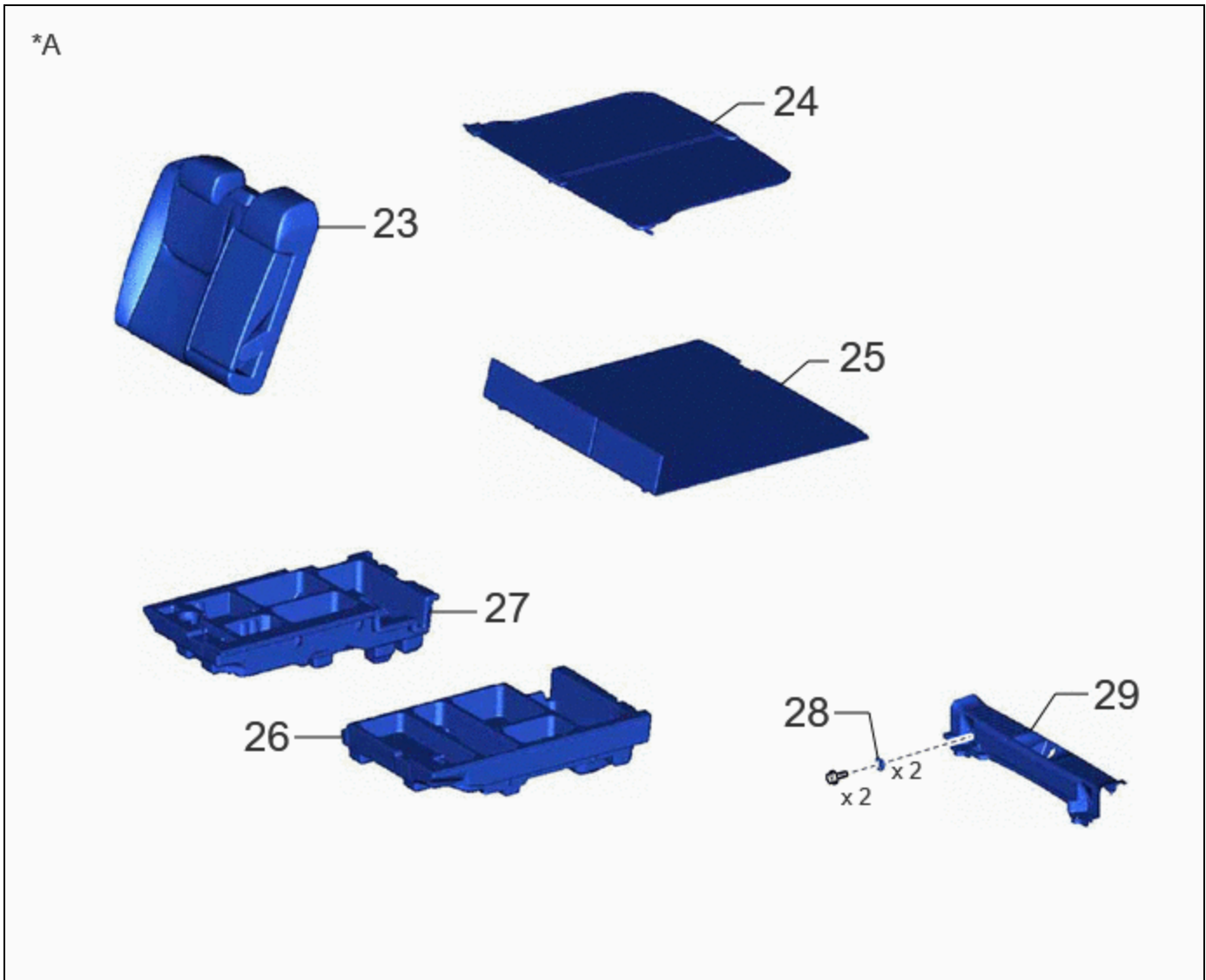
*A	for 2WD	*B	for 4WD
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PROCEDURE		PART NAME CODE			
14	REAR CENTER SEAT OUTER BELT ASSEMBLY	73350C	<a href="#">INFO</a>	-	-
15	REAR SEAT CUSHION ASSEMBLY	-	<a href="#">INFO</a>	-	-
16	REAR SEAT CUSHION LOCK HOOK	72693	-	-	-
17	REAR DOOR SCUFF PLATE INSIDE LH	67918E	-	-	-
18	REAR UNDER SIDE COVER LH	76974E	-	-	-
19	REAR DOOR SCUFF PLATE INSIDE RH	67917F	-	-	-
20	REAR UNDER SIDE COVER RH	76973E	-	-	-
21	REAR UNDER COVER	76971F	-	-	-
22	REAR SEAT CUSHION LEG SUB-ASSEMBLY	71033	-	-	-

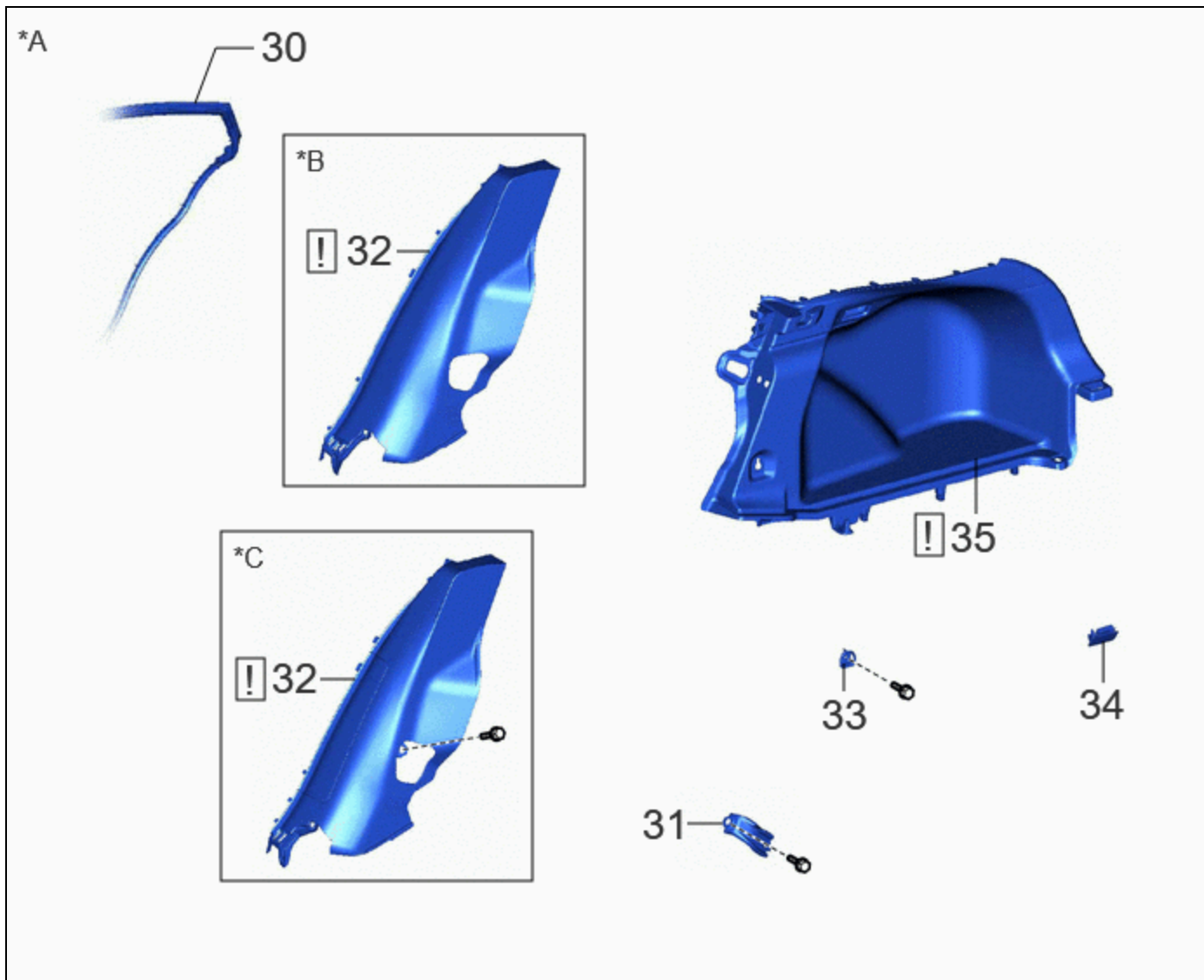
*A	for Type A	*B	for Type B
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•	Non-reusable part	-	-
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	PROCEDURE	PART NAME CODE			
23	REAR SEATBACK ASSEMBLY RH	-	-	-	-
24	TONNEAU COVER ASSEMBLY	64910J	-	-	-
25	DECK BOARD ASSEMBLY	58410B	-	-	-
26	DECK FLOOR BOX LH	64997	-	-	-
27	DECK FLOOR BOX RH	64995	-	-	-
28	LUGGAGE HOLD BELT STRIKER ASSEMBLY	58460D	-	-	-
29	REAR DECK TRIM COVER	64716D	-	-	-

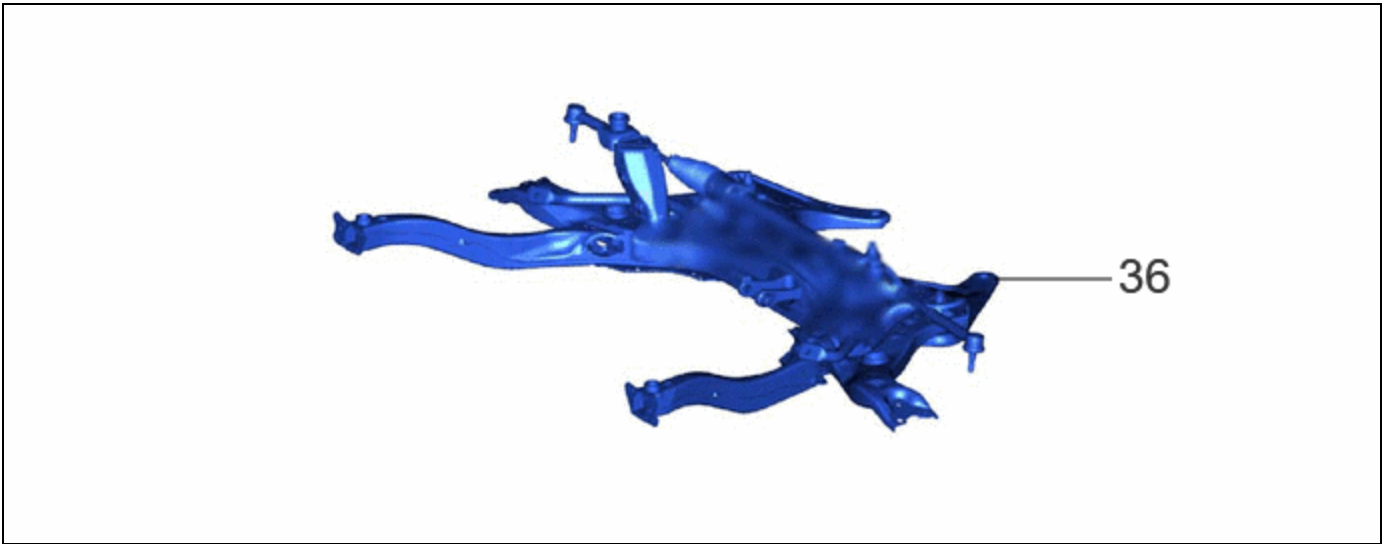
*A	except 2ZR-FXE, 2WD Model	-	-
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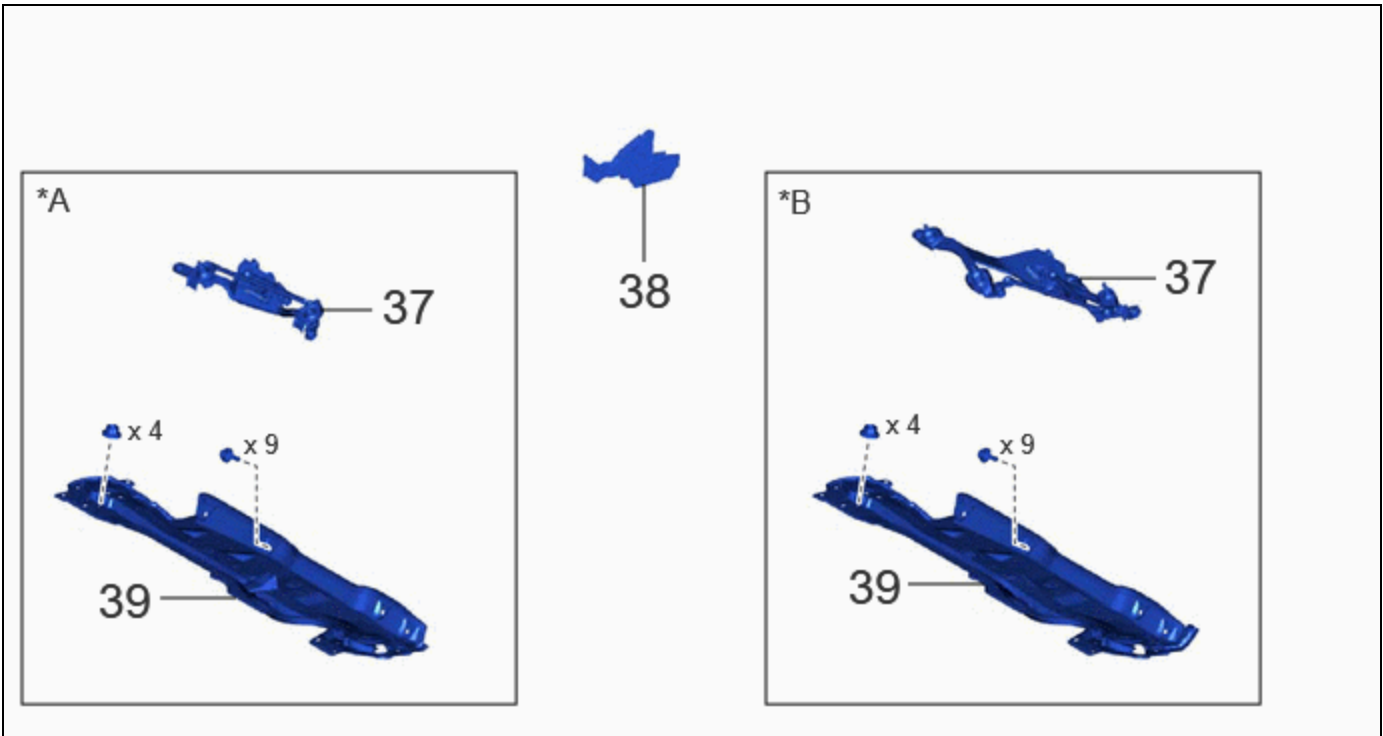
PROCEDURE		PART NAME CODE			
30	REAR DOOR OPENING TRIM WEATHERSTRIP RH	62331A	-	-	-
31	REAR SEATBACK HINGE SUB-ASSEMBLY RH	71303C	-	-	-
32	REAR SEAT SIDE GARNISH RH	62551F	INFO	-	-
33	LUGGAGE HOLD BELT STRIKER ASSEMBLY	58460D	-	-	-
34	NO. 1 LUGGAGE COMPARTMENT LIGHT ASSEMBLY	81330	-	-	-
35	DECK TRIM SIDE PANEL ASSEMBLY RH	64730B	INFO	-	-




*A	except 2ZR-FXE, 2WD Model	*B	w/o Rear Seat Side Airbag
*C	w/ Rear Seat Side Airbag	-	-



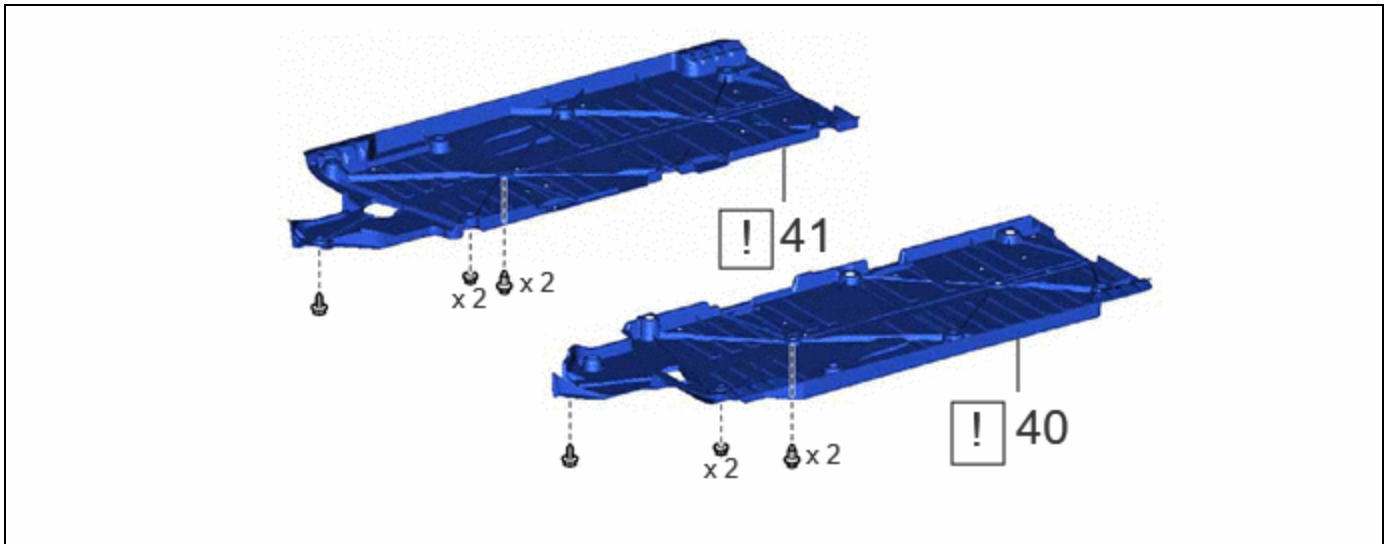


PROCEDURE		PART NAME CODE			
36	FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY	51201	-	-	-

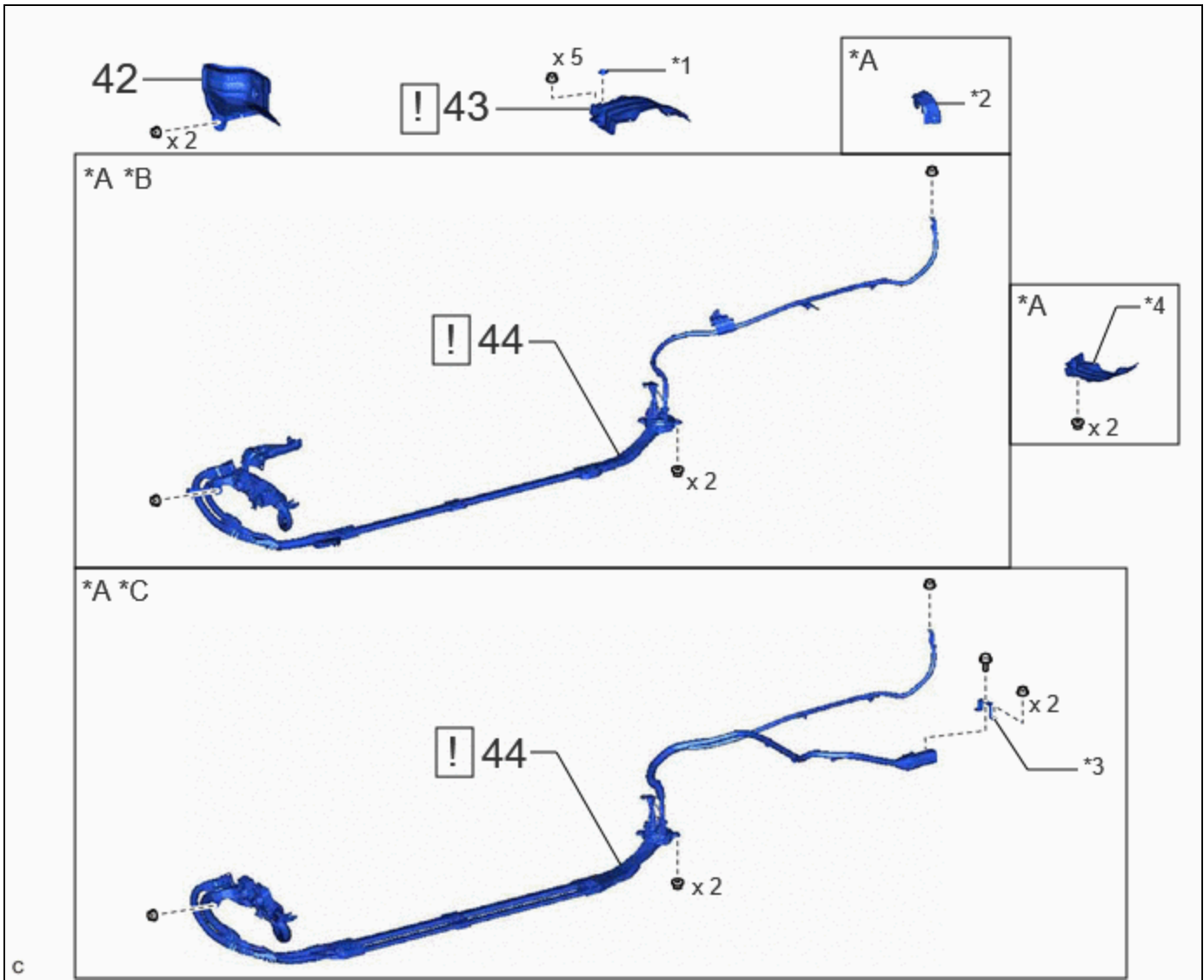


PROCEDURE		PART NAME CODE			
37	WINDSHIELD WIPER MOTOR AND LINK	-	-	-	-
38	WATER GUARD PLATE	55734D	-	-	-
39	OUTER COWL TOP PANEL	55711	-	-	-

*A	for 4 Link	*B	except 4 Link
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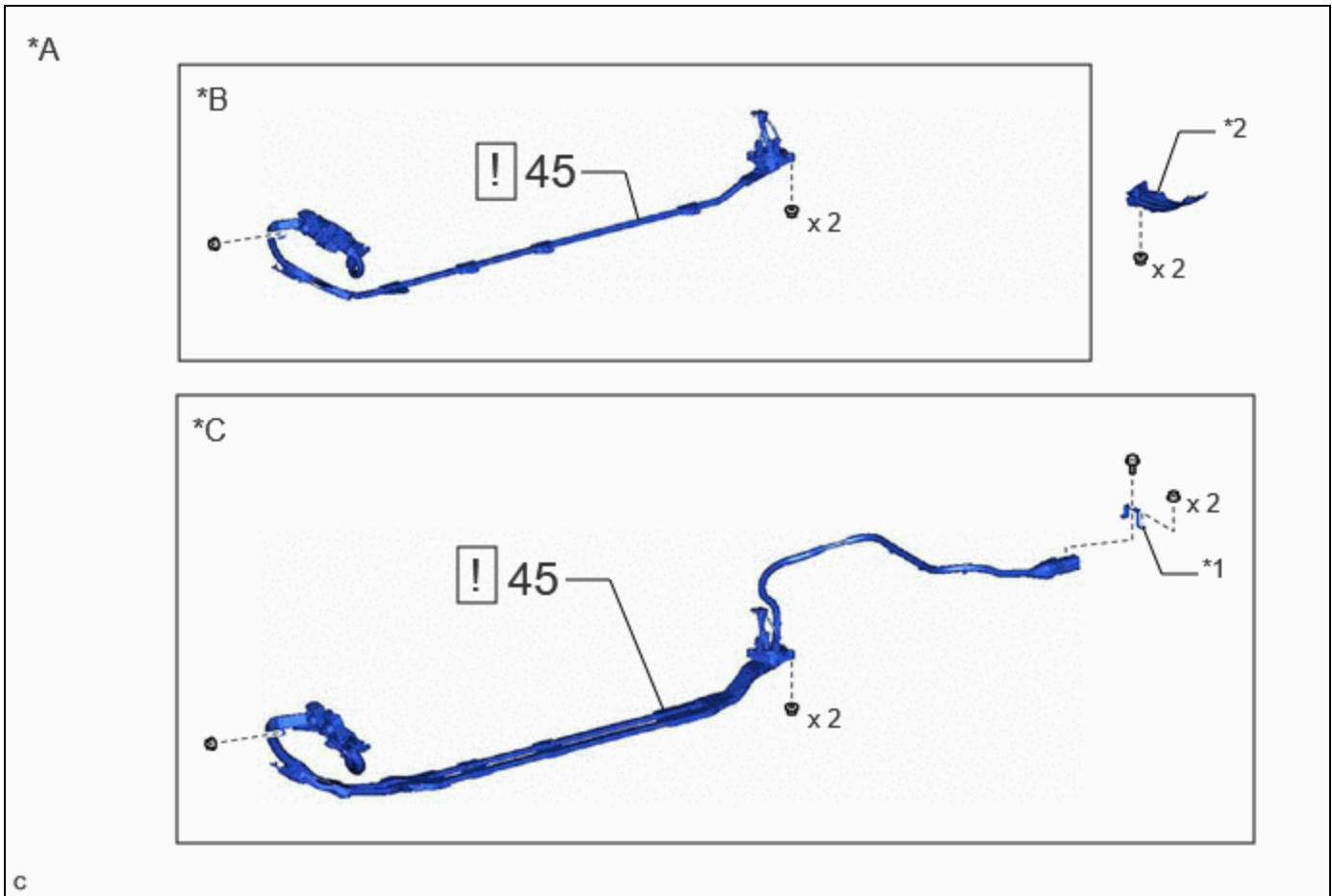


PROCEDURE		PART NAME CODE			
40	FRONT FLOOR COVER LH	58166A	<a href="#">INFO</a>	-	-
41	FRONT FLOOR COVER RH	58165C	<a href="#">INFO</a>	-	-



PROCEDURE		PART NAME CODE			
42	DASH PANEL HEAT INSULATOR	55225C	-	-	-
43	NO. 1 HV BATTERY COVER PANEL RH	G92N4A	<a href="#">INFO</a>	-	-
44	FLOOR UNDER WIRE	821H1	<a href="#">INFO</a>	-	-

*A	for M20A-FXS	*B	for 2WD
*C	for 4WD	-	-
*1	BATTERY COVER LOCK STRIKER	*2	FUSIBLE LINK COVER
*3	RADIO EARTH BRACKET	*4	FRONT FRAME TUBE CLAMP BRACKET RH



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

*A	for 2ZR-FXE	*B	for 2WD
*C	for 4WD	-	-
*1	RADIO EARTH BRACKET	*2	FRONT FRAME TUBE CLAMP BRACKET RH

## PROCEDURE

### 1. PRECAUTION

	Click here <a href="#">INFO</a>
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### 2. REMOVE SERVICE PLUG GRIP

Click here [INFO](#)

### 3. REMOVE FRONT WIPER ARM HEAD CAP



Click here [INFO](#)

#### 4. REMOVE SHIELD CAP (for M20A-FXS)



Click here [INFO](#)

#### 5. REMOVE FRONT WIPER ARM AND BLADE ASSEMBLY LH

Click here [INFO](#)

#### 6. REMOVE FRONT WIPER ARM AND BLADE ASSEMBLY RH

Click here [INFO](#)

#### 7. REMOVE WINDSHIELD LOWER OUTSIDE MOULDING LH



Click here [INFO](#)

#### 8. REMOVE WINDSHIELD LOWER OUTSIDE MOULDING RH

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

#### 9. REMOVE COWL WATER EXTRACT SHIELD LH

Click here [INFO](#)

#### 10. REMOVE COWL WATER EXTRACT SHIELD RH

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

#### 11. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY

Click here [INFO](#)

#### 12. CHECK TERMINAL VOLTAGE



Click here [INFO](#)

#### 13. DISCONNECT FLOOR UNDER WIRE



Click here [INFO](#)

#### 14. DISCONNECT REAR CENTER SEAT OUTER BELT ASSEMBLY



Click here [INFO](#)

### 15. REMOVE REAR SEAT CUSHION ASSEMBLY



Click here [INFO](#)

### 16. REMOVE REAR SEAT CUSHION LOCK HOOK

Click here [INFO](#)

### 17. REMOVE REAR DOOR SCUFF PLATE INSIDE LH

Click here [INFO](#)

### 18. REMOVE REAR UNDER SIDE COVER LH

Click here [INFO](#)

### 19. REMOVE REAR DOOR SCUFF PLATE INSIDE RH

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

### 20. REMOVE REAR UNDER SIDE COVER RH

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

### 21. REMOVE REAR UNDER COVER

Click here [INFO](#)

### 22. REMOVE REAR SEAT CUSHION LEG SUB-ASSEMBLY

Click here [INFO](#)

### 23. REMOVE REAR SEATBACK ASSEMBLY RH (except 2ZR-FXE, 2WD Model)

Click here [INFO](#)

### 24. REMOVE TONNEAU COVER ASSEMBLY (except 2ZR-FXE, 2WD Model)

Click here [INFO](#)

### 25. REMOVE DECK BOARD ASSEMBLY (except 2ZR-FXE, 2WD Model)

Click here [INFO](#)

### 26. REMOVE DECK FLOOR BOX LH (except 2ZR-FXE, 2WD Model)

Click here [INFO](#)

### 27. REMOVE DECK FLOOR BOX RH (except 2ZR-FXE, 2WD Model)

Click here [INFO](#)

### 28. REMOVE LUGGAGE HOLD BELT STRIKER ASSEMBLY (except 2ZR-FXE, 2WD Model)

Click here [INFO](#)

### **29. REMOVE REAR DECK TRIM COVER (except 2ZR-FXE, 2WD Model)**

Click here [INFO](#)

### **30. DISCONNECT REAR DOOR OPENING TRIM WEATHERSTRIP RH (except 2ZR-FXE, 2WD Model)**

Click here [INFO](#)

### **31. REMOVE REAR SEAT BACK HINGE SUB-ASSEMBLY RH (except 2ZR-FXE, 2WD Model)**

Click here [INFO](#)

### **32. REMOVE REAR SEAT SIDE GARNISH RH (except 2ZR-FXE, 2WD Model)**

Click here [INFO](#)

### **33. REMOVE LUGGAGE HOLD BELT STRIKER ASSEMBLY (except 2ZR-FXE, 2WD Model)**

Click here [INFO](#)

### **34. REMOVE NO. 1 LUGGAGE COMPARTMENT LIGHT ASSEMBLY (except 2ZR-FXE, 2WD Model)**

	Click here <a href="#">INFO</a>
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### **35. REMOVE DECK TRIM SIDE PANEL ASSEMBLY RH (except 2ZR-FXE, 2WD Model)**

	Click here <a href="#">INFO</a>
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### **36. REMOVE FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY**

Click here [INFO](#)

### **37. REMOVE WINDSHIELD WIPER MOTOR AND LINK**

Click here [INFO](#)

### **38. REMOVE WATER GUARD PLATE**

Click here [INFO](#)


### **39. REMOVE OUTER COWL TOP PANEL SUB-ASSEMBLY**

Click here [INFO](#)

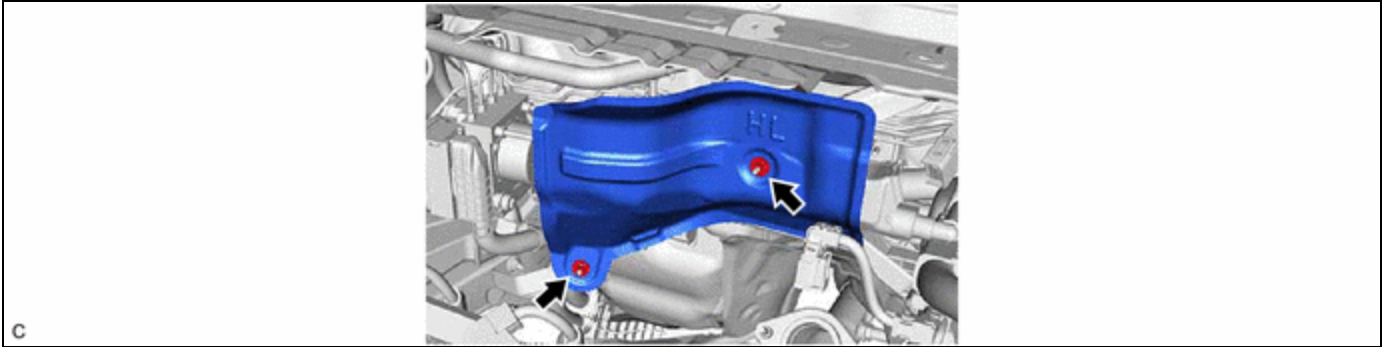
### **40. REMOVE FRONT FLOOR COVER LH**

	Click here <a href="#">INFO</a>
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**41. REMOVE FRONT FLOOR COVER RH**

	Click here <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border: 1px solid black;">INFO</a>
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**42. REMOVE DASH PANEL HEAT INSULATOR**

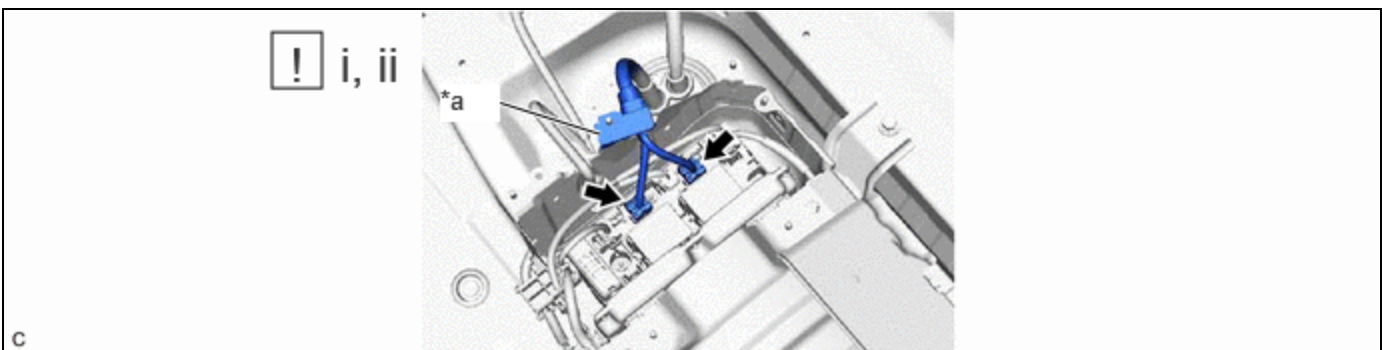


**43. REMOVE NO. 1 HV BATTERY COVER PANEL RH**

	Click here <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border: 1px solid black;">INFO</a>
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**44. REMOVE FLOOR UNDER WIRE (for M20A-FXS)**

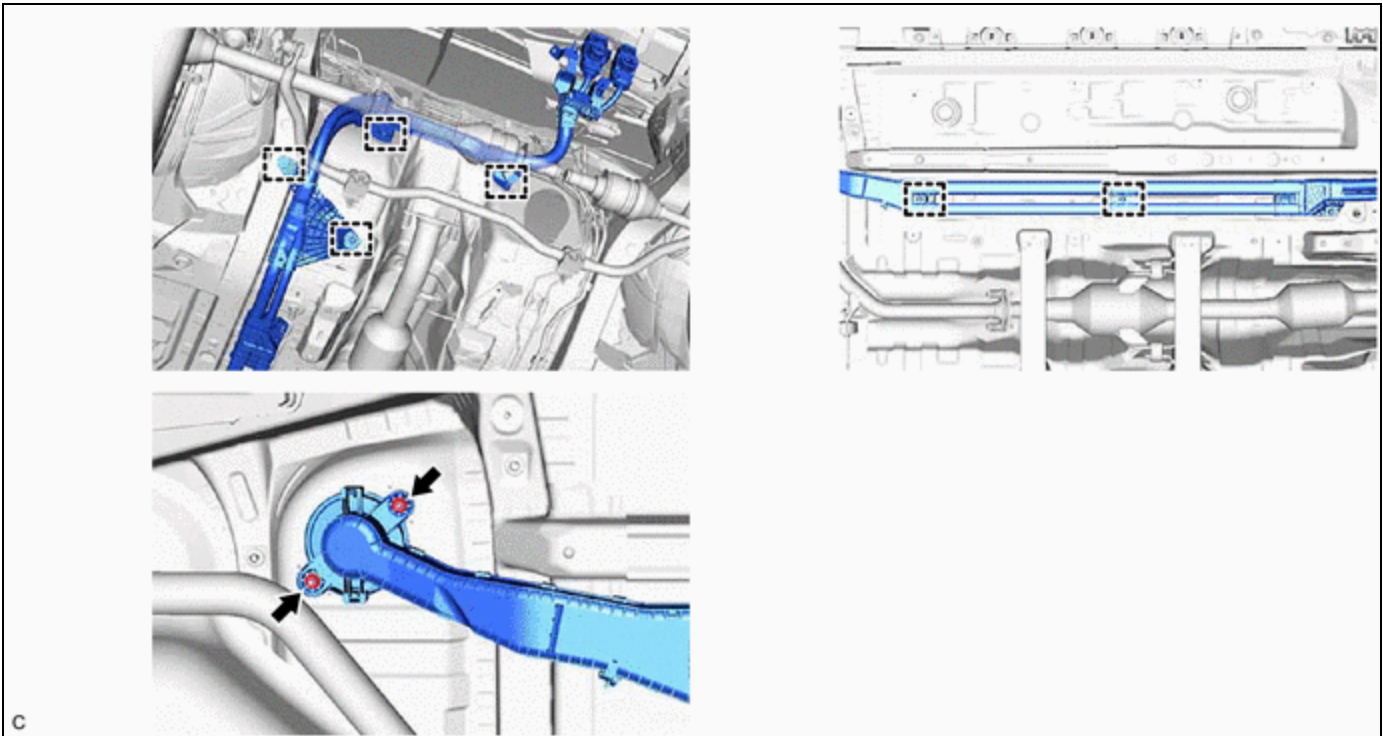
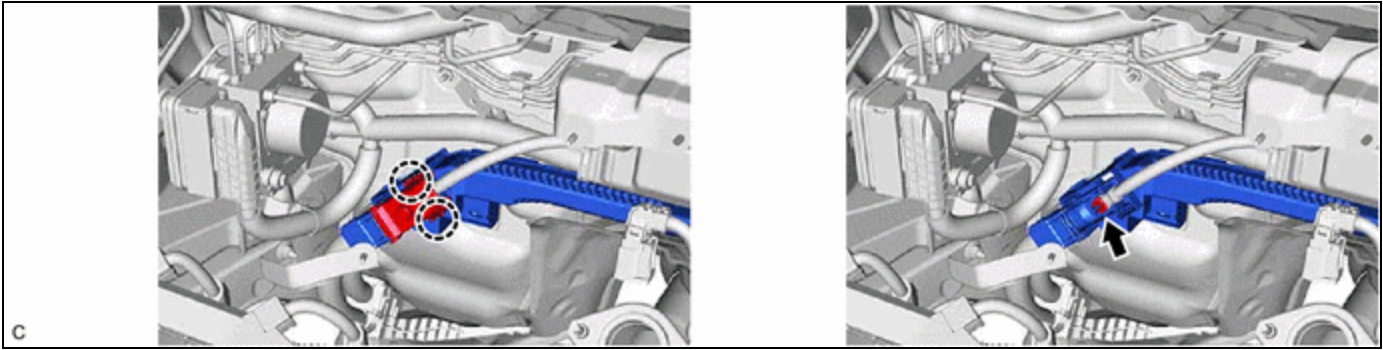
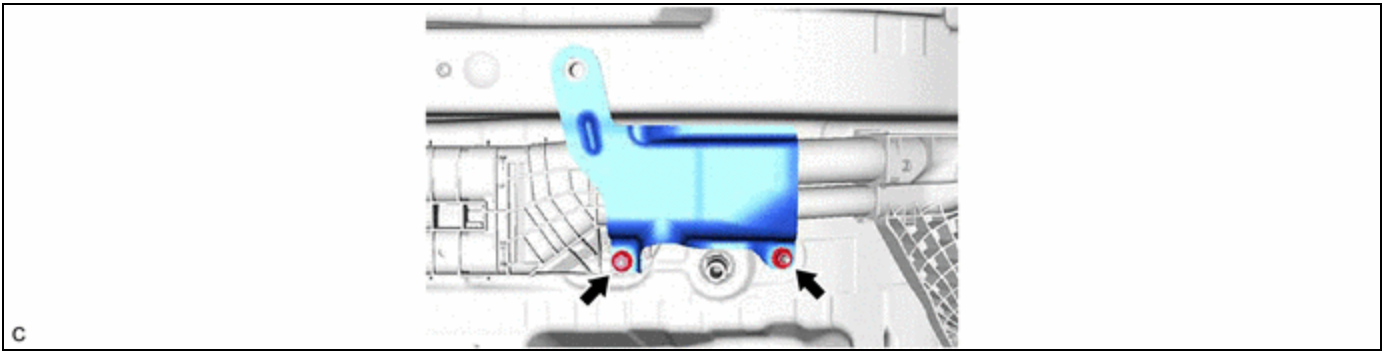
	<p><b>CAUTION:</b> Be sure to wear insulated gloves.</p> <p><b>NOTICE:</b> Insulate each disconnected high-voltage connector with insulating tape. Wrap the connector from the wire harness side to the end of the connector.</p>
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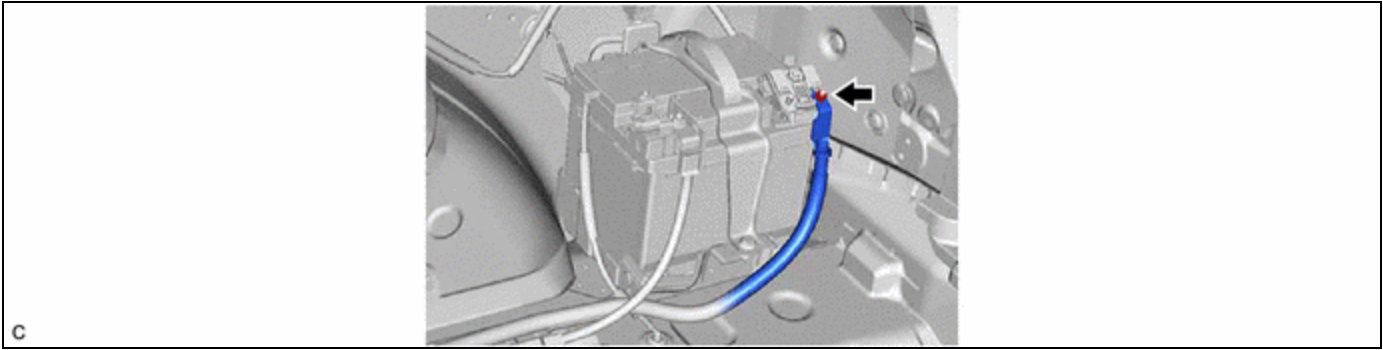
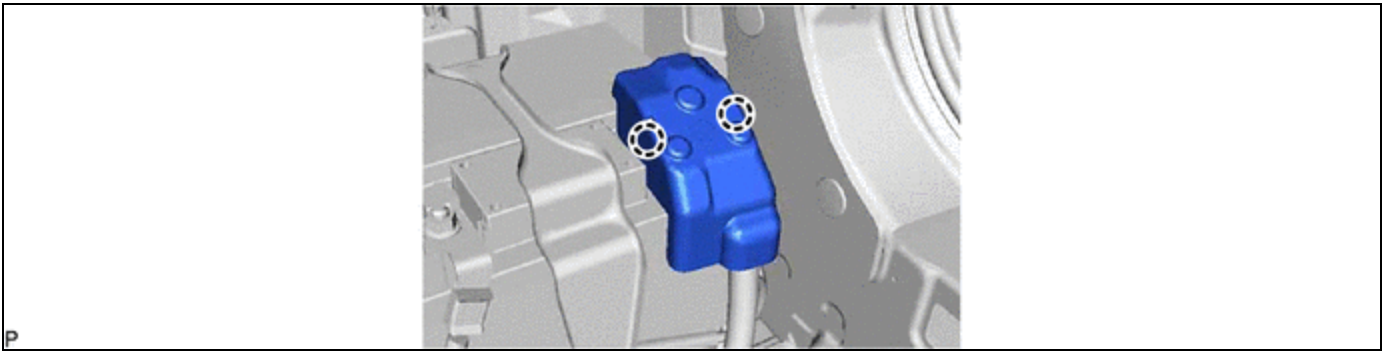


*a	Shield Ground	-	-
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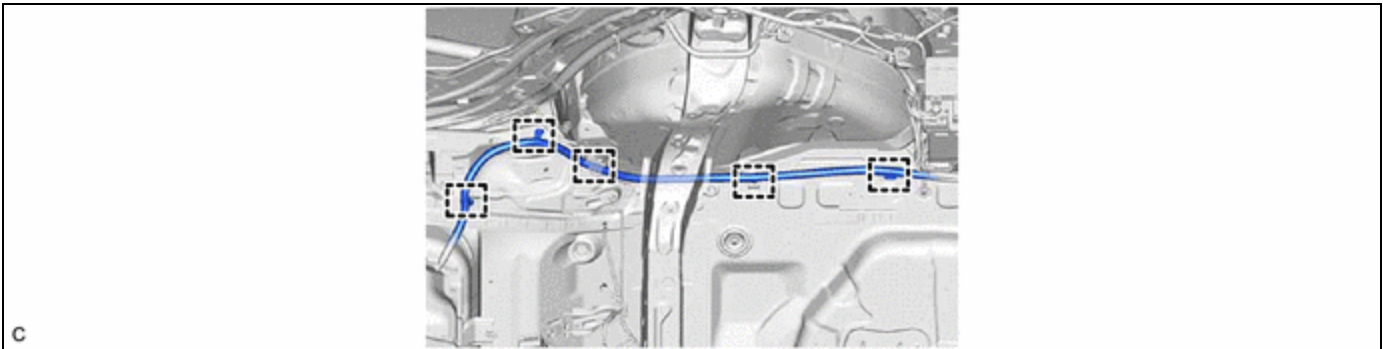
- (1) Disconnect the 2 No. 1 traction battery device box connectors.
- (2) Disconnect the shield ground from the HV battery.



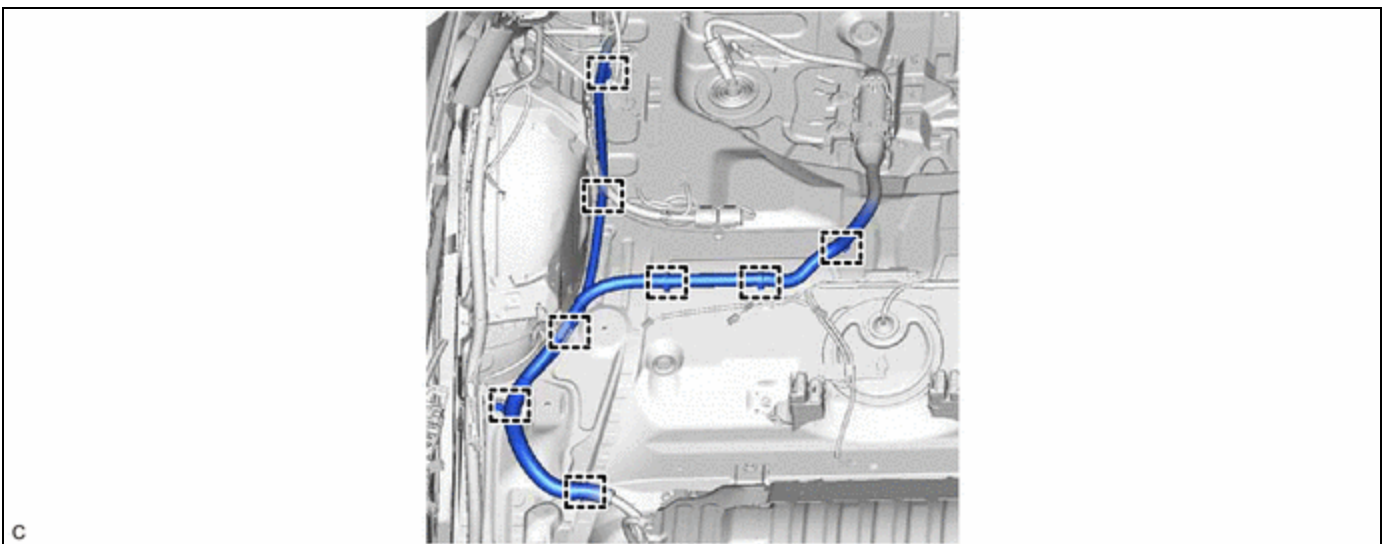




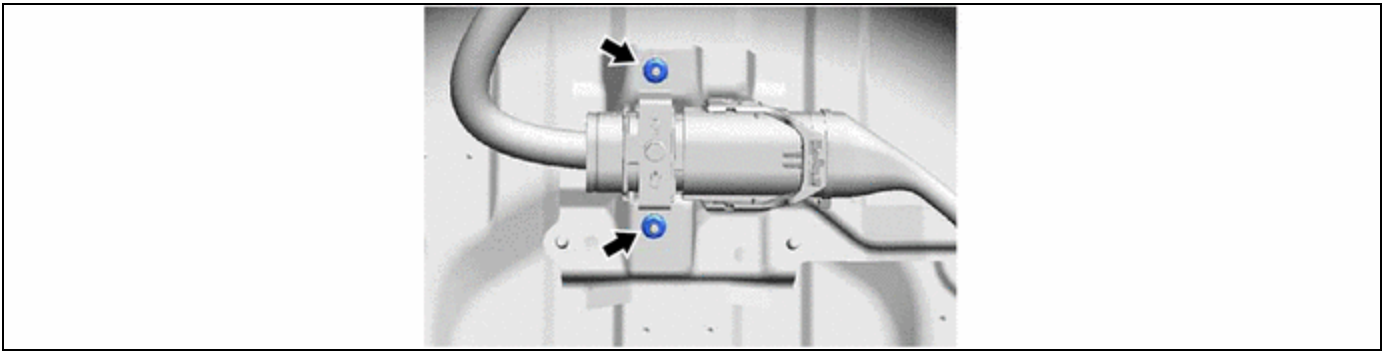
(g) for 2WD:



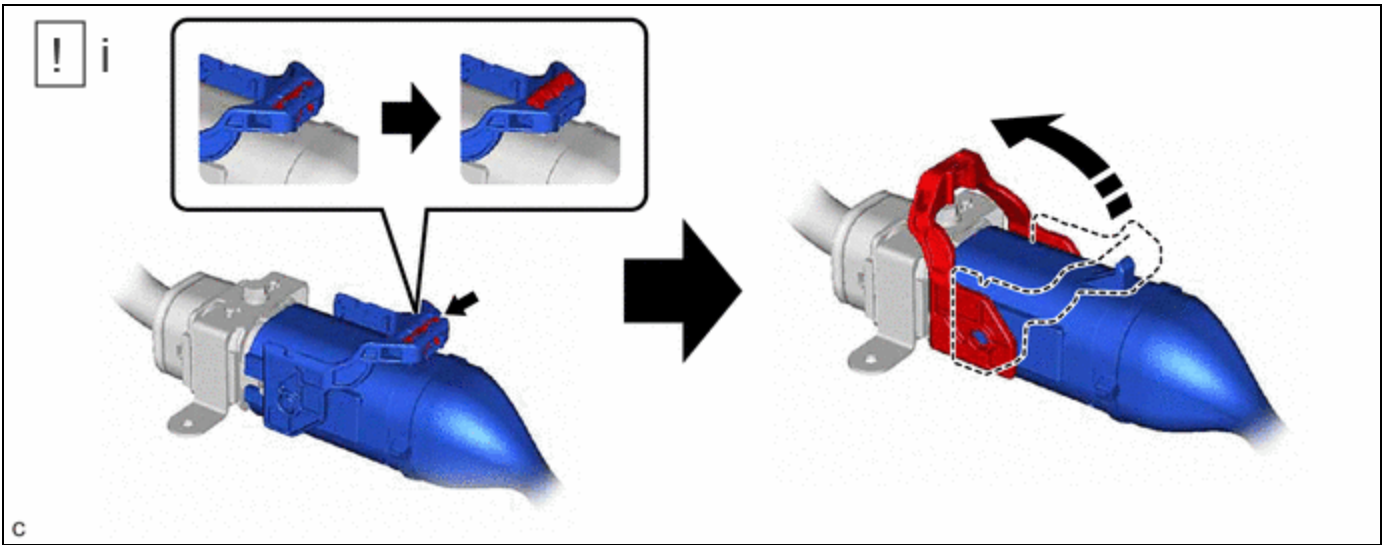
(h) for 4WD:



(i) for 4WD:



(j) for 4WD:

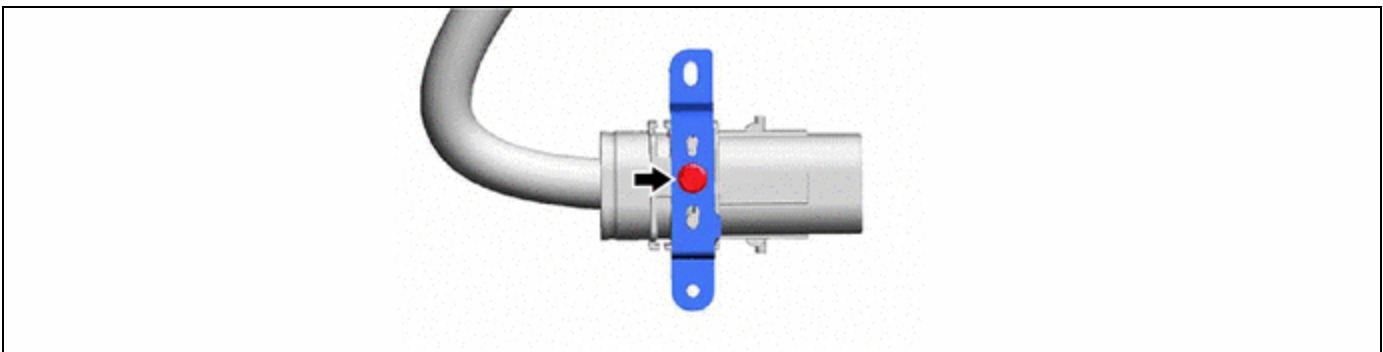


(1) Disconnect the rear traction motor cable connector.

**HINT:**

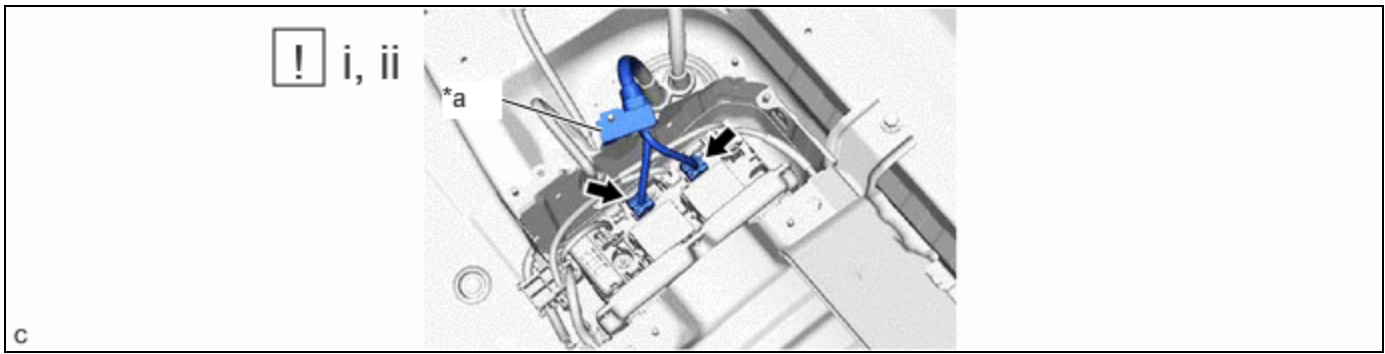
Release the lock before rotating the lock lever.

(k) for 4WD:



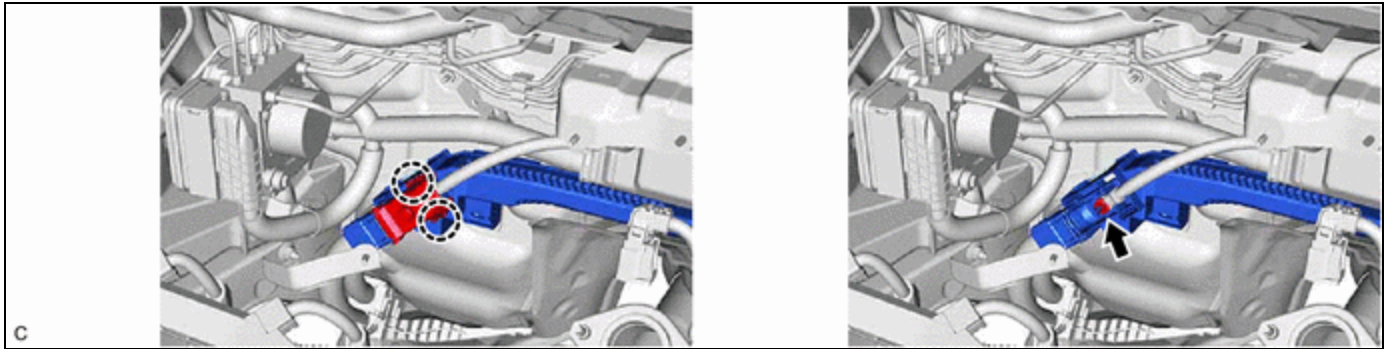
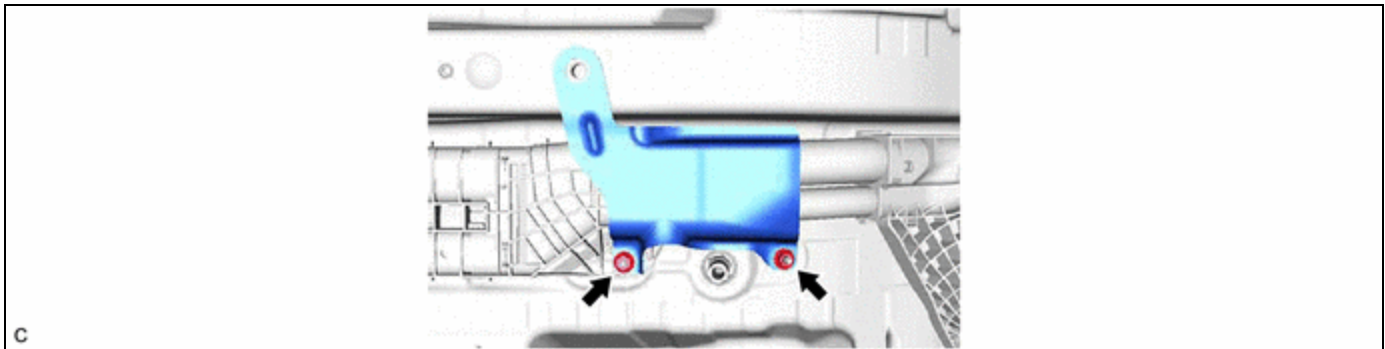
**45. REMOVE FLOOR UNDER WIRE (for 2ZR-FXE)**

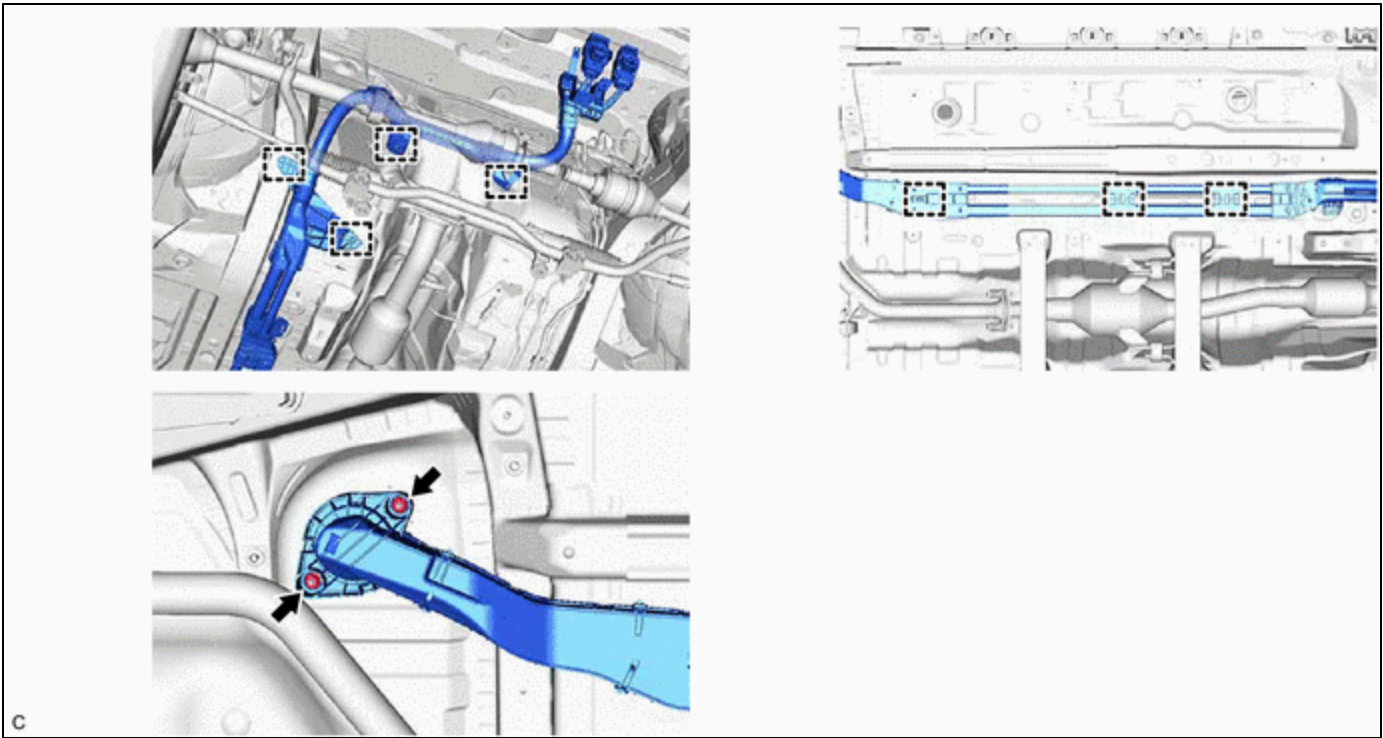
	<p><b>CAUTION:</b> Be sure to wear insulated gloves.</p> <p><b>NOTICE:</b> Insulate each disconnected high-voltage connector with insulating tape. Wrap the connector from the wire harness side to the end of the connector.</p>
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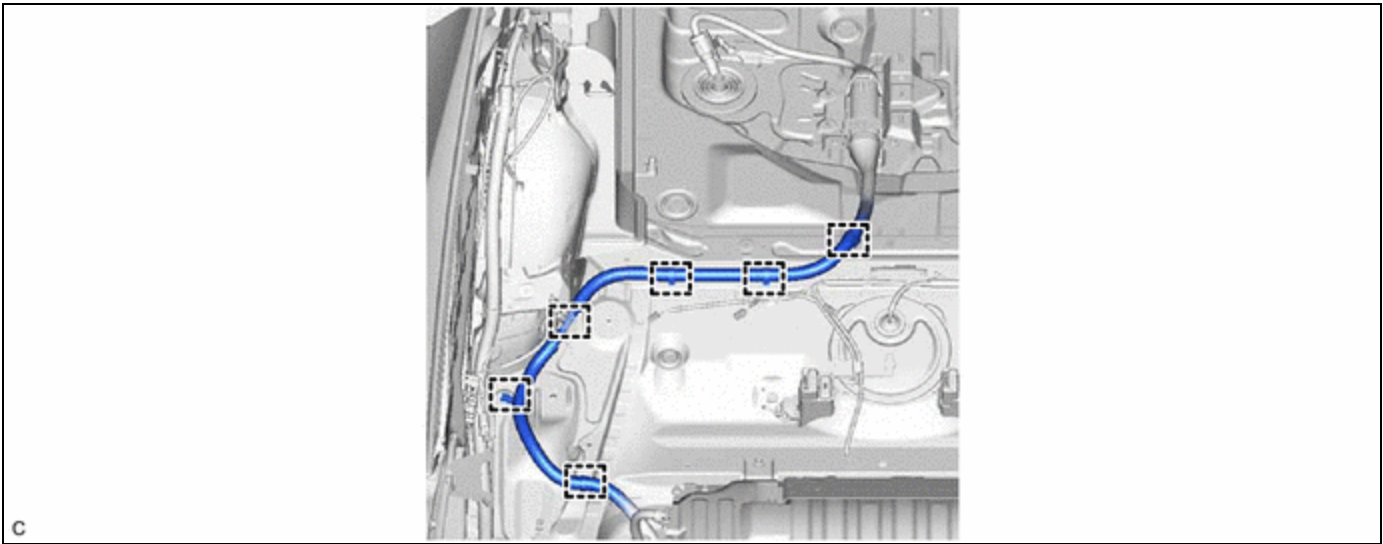
*a	Shield Ground	-	-
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- (1) Disconnect the 2 No. 1 traction battery device box connectors.
- (2) Disconnect the shield ground from the HV battery.

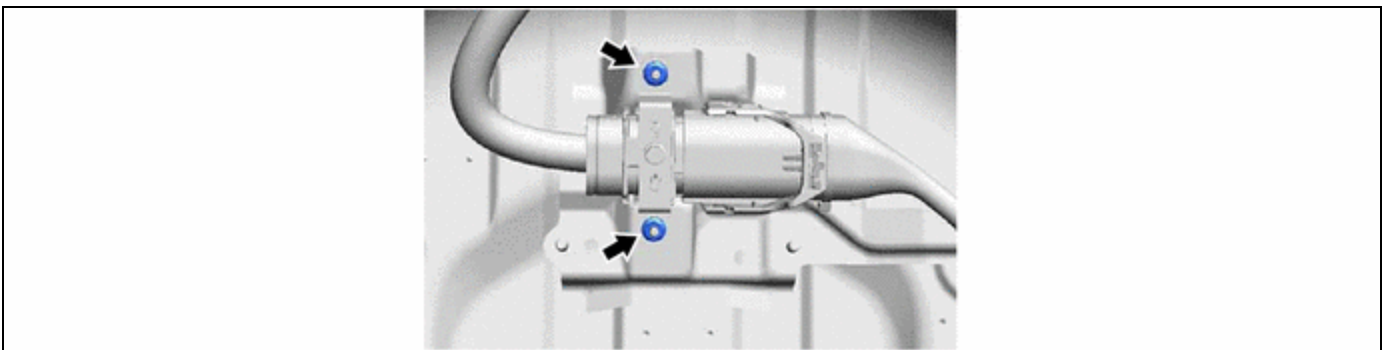


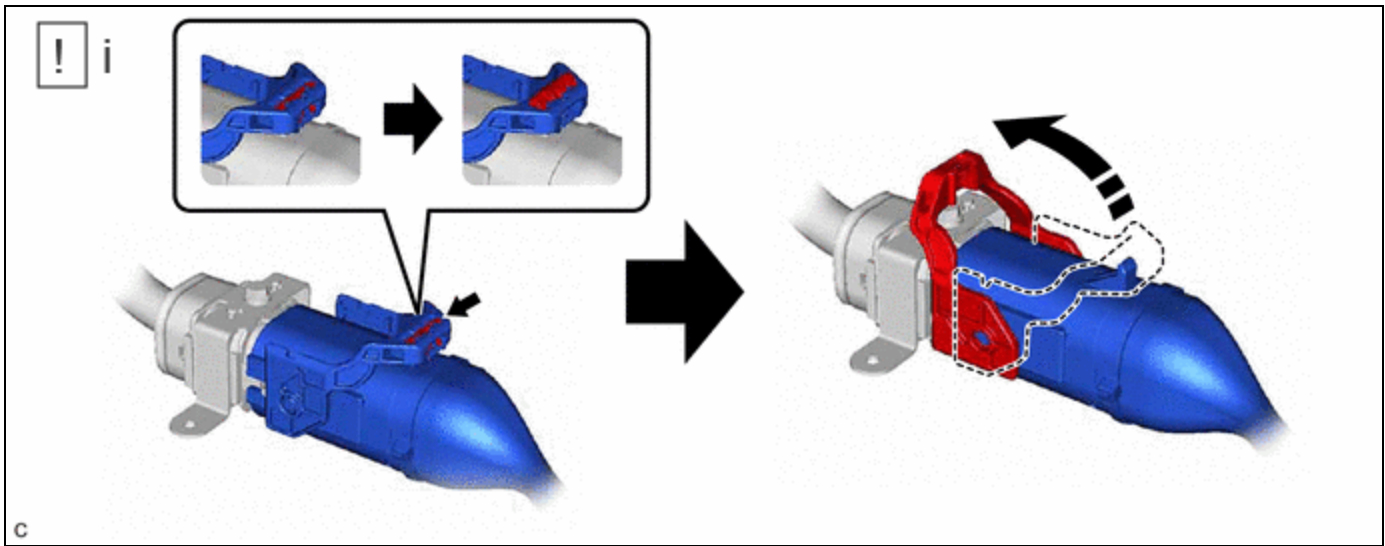


(e) for 4WD:



(f) for 4WD:





(1) Disconnect the rear traction motor cable connector.

**HINT:**

Release the lock before rotating the lock lever.

(h) for 4WD:

