

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000029ZXS
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> M20A-FXS (FUEL): FUEL TANK (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 fuel tank sub-assembly removal/installation are shown below.

#### Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Tires	<ul style="list-style-type: none"> <li>Initialization*1*2</li> <li>Tire Position Identification*1*2</li> </ul>	Tire Pressure Warning System	Refer to Procedures Necessary When Replacing Parts (for Tire Pressure Warning System) <a href="#">INFO</a>
	Rear television camera assembly optical axis (Back camera position setting)*3	Parking Assist Monitor System	<a href="#">INFO</a>
	Parking assist ECU initialization*3	Panoramic View Monitor System	<a href="#">INFO</a>
		Advanced Park	<a href="#">INFO</a>
Gas leak from exhaust system is repaired	Inspection after repair	<ul style="list-style-type: none"> <li>Poor idle, etc.</li> <li>Engine start function, etc.</li> </ul>	<a href="#">INFO</a>

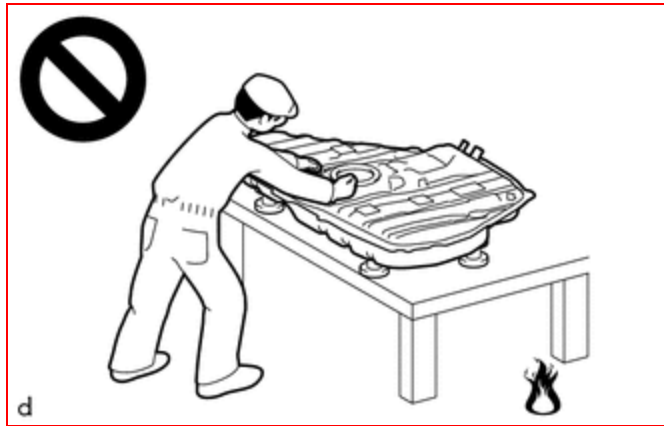
\*1: Also necessary after performing a tire rotation.

\*2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.

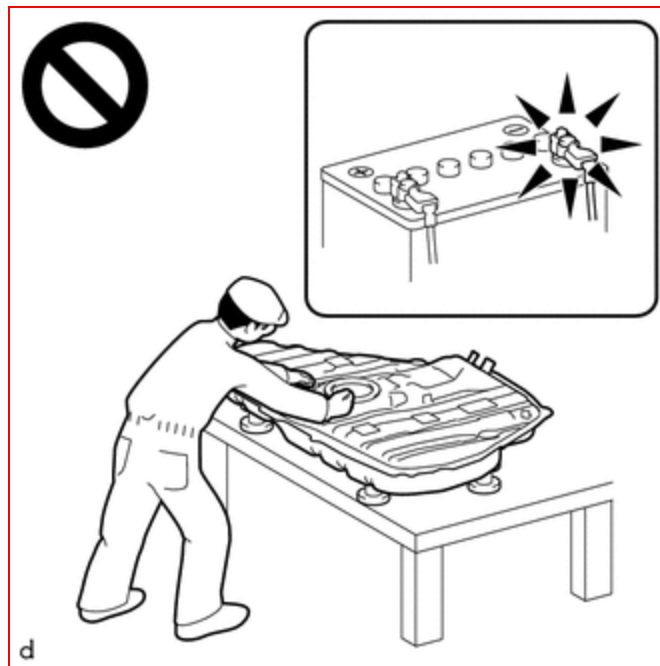
\*3: The vehicle height changes because of tire replacement.

#### CAUTION:

- Never perform work on fuel system components near any possible ignition sources.

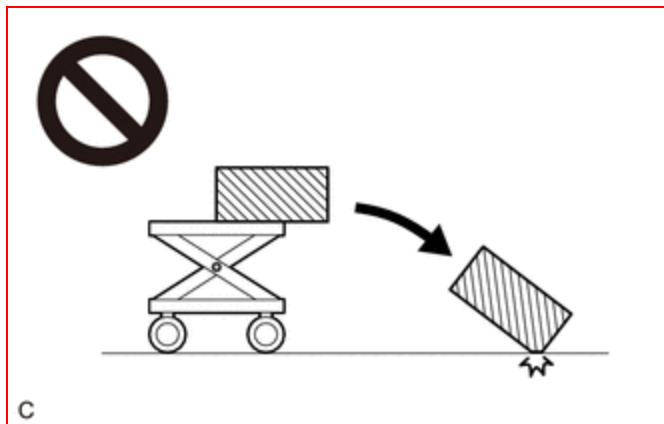


- Vaporized fuel could ignite, resulting in a serious accident.
- Do not perform work on fuel system components without first disconnecting the cable from the negative (-) auxiliary battery terminal.



auxiliary battery terminal.

- Sparks could cause vaporized fuel to ignite, resulting in a serious accident.
- The fuel tank sub-assembly is very heavy. Be sure to follow the procedure described in the repair manual, or the fuel tank sub-assembly may fall off the engine lifter.



**NOTICE:**

After the ignition switch is turned off, there may be a waiting time before disconnecting 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.

**Learning completes when vehicle is driven**

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>

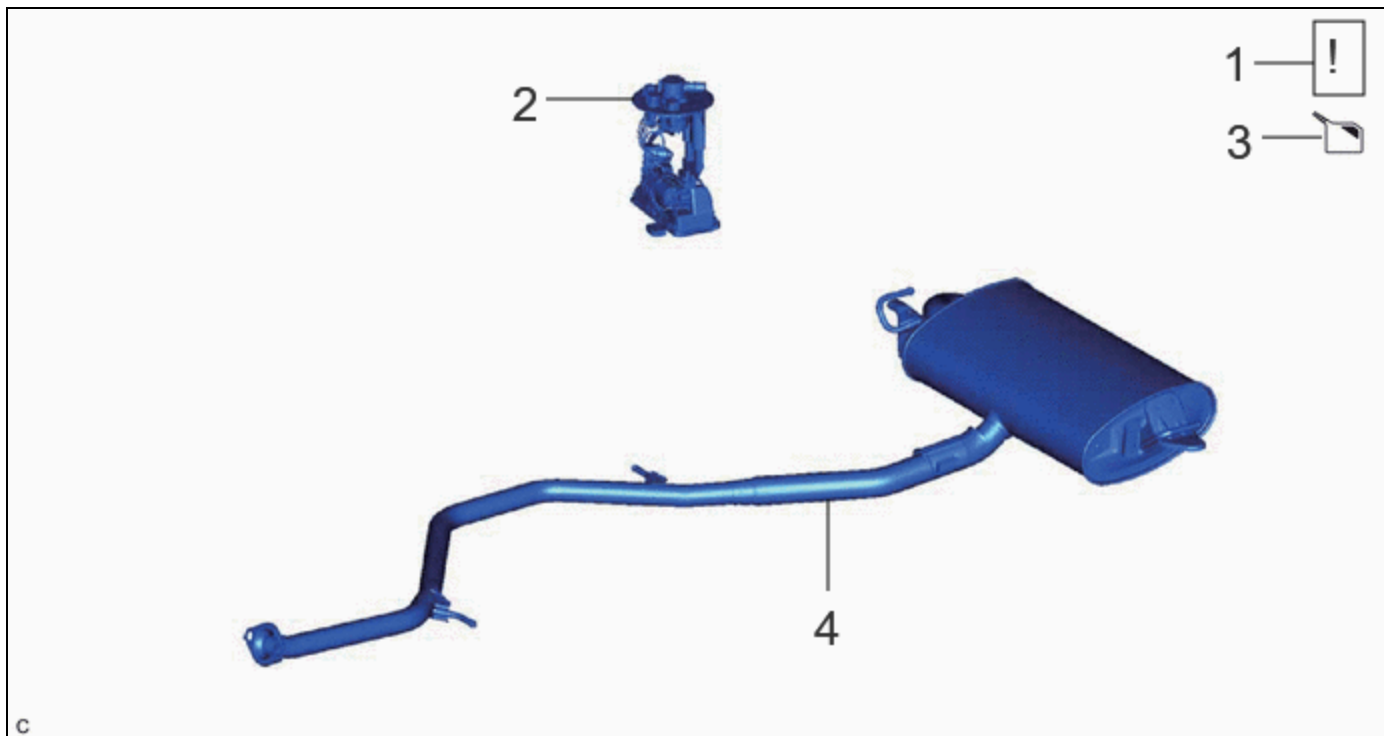
**Learning completes when vehicle is operated normally**




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.	-

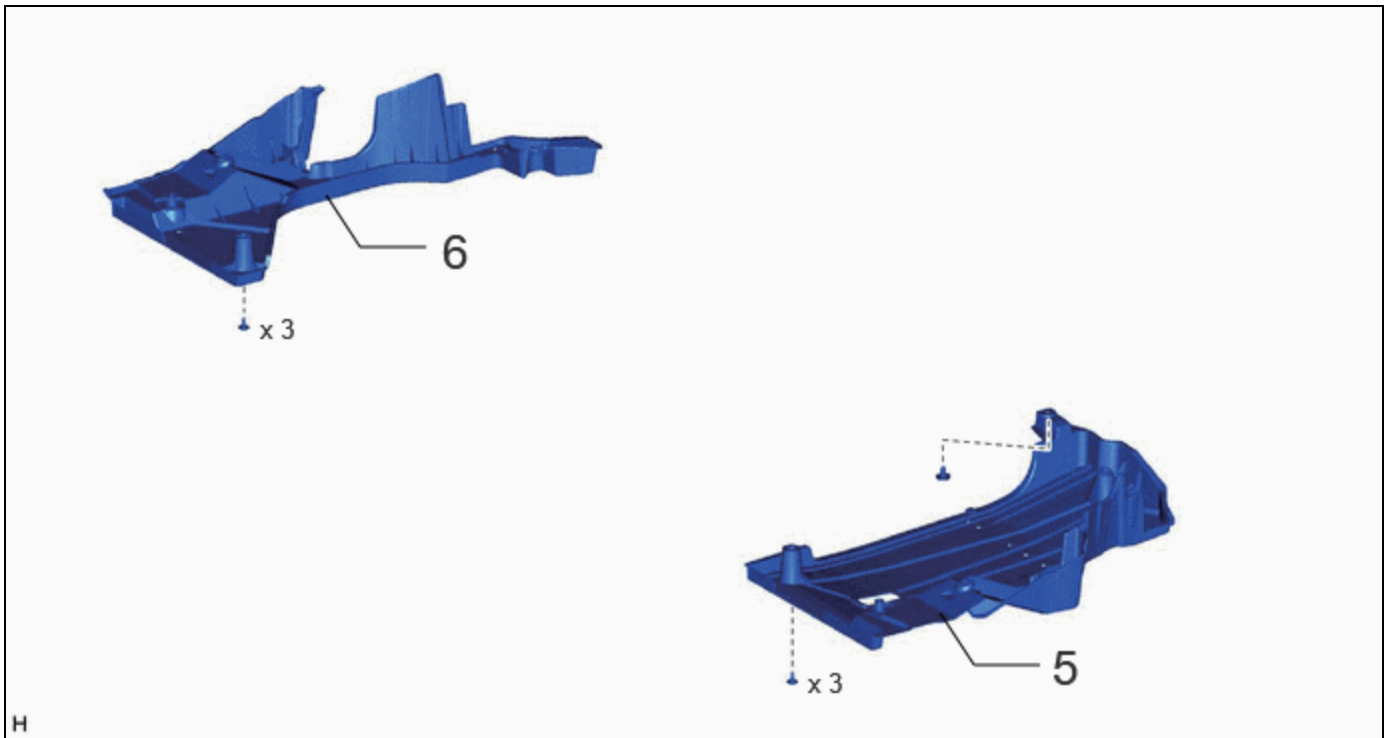
\*1: w/o Power Back Door System  
 \*2: w/ Power Back Door System




**CAUTION / NOTICE / HINT**

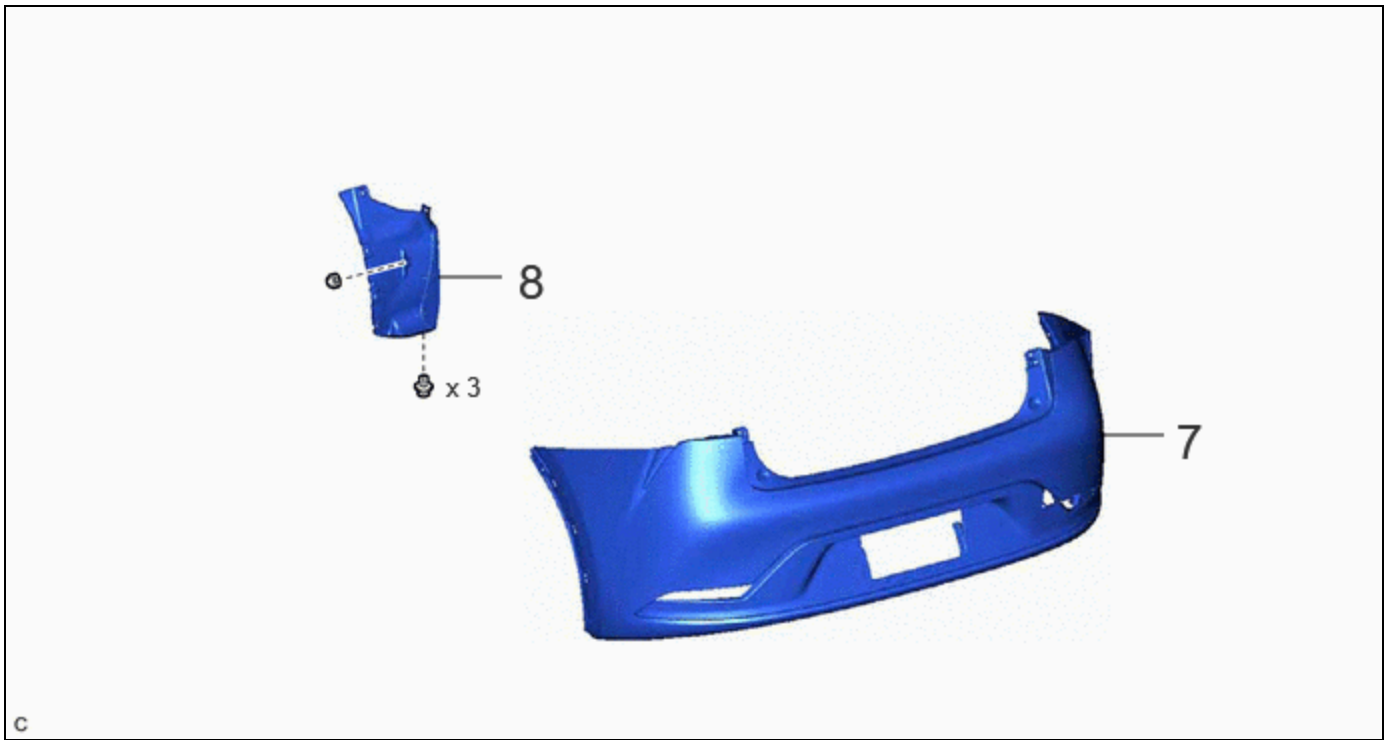
**COMPONENTS (REMOVAL)**



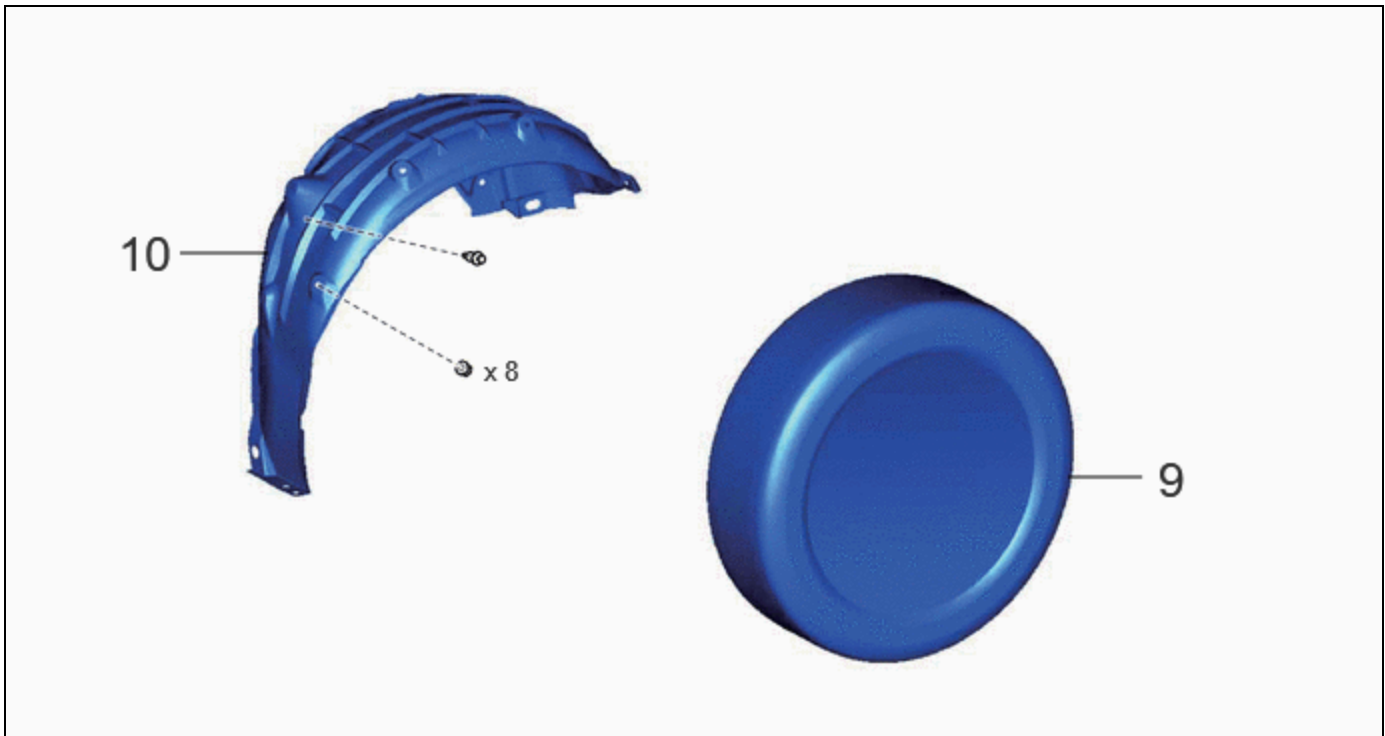
PROCEDURE		PART NAME CODE			
1	PRECAUTION	-	INFO	-	-
2	FUEL SUCTION TUBE WITH PUMP AND GAUGE ASSEMBLY	77020A	-	-	-
3	DRAIN FUEL	-	-	INFO	-
4	TAIL EXHAUST PIPE ASSEMBLY	17430	-	-	-






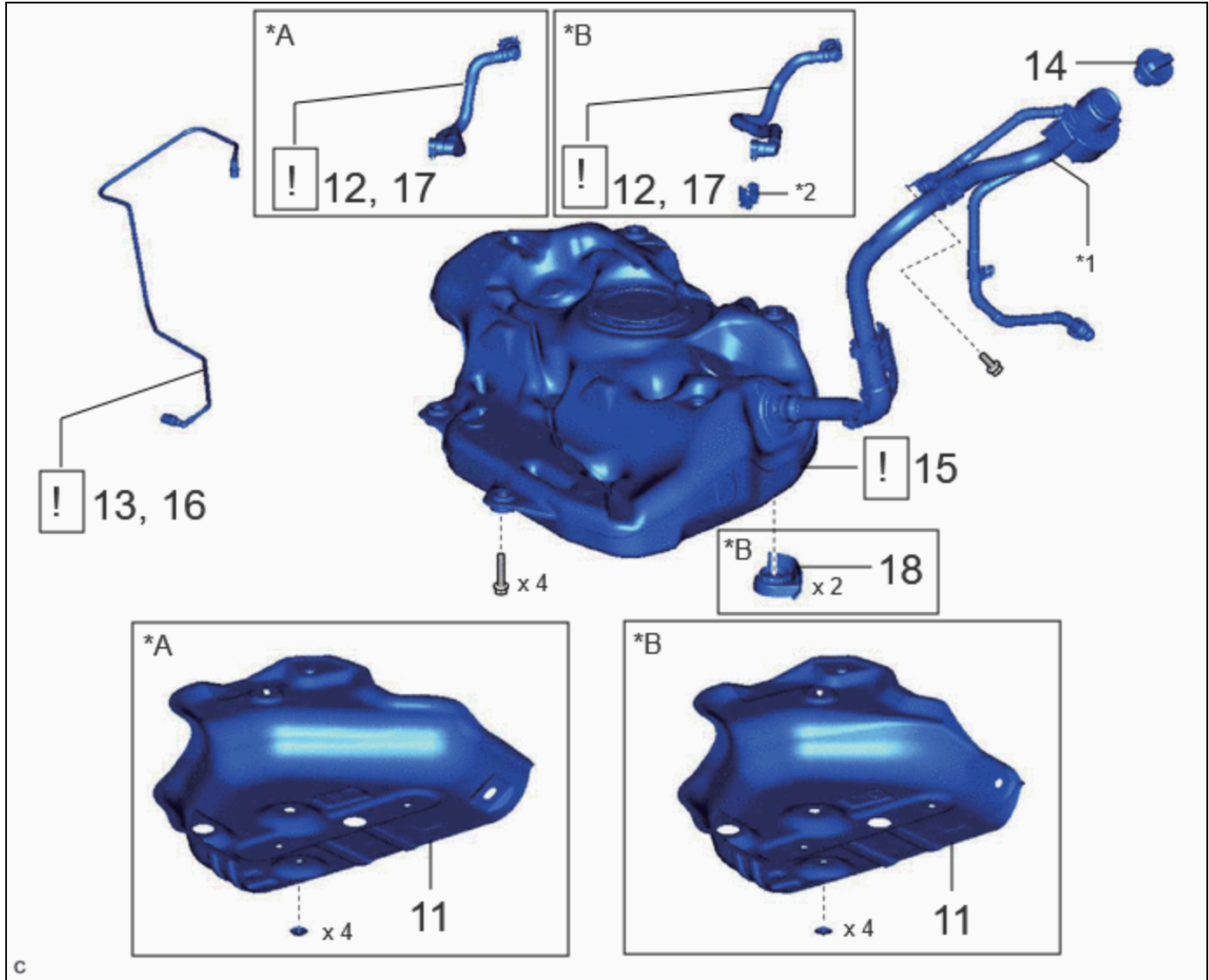
PROCEDURE		PART NAME CODE			
5	REAR FLOOR SIDE MEMBER COVER LH	57628E	-	-	-
6	REAR FLOOR SIDE MEMBER COVER RH	57627G	-	-	-









PROCEDURE		PART NAME CODE			
7	REAR BUMPER ASSEMBLY	-	-	-	-
8	REAR BUMPER SIDE SEAL LH	52592	-	-	-



PROCEDURE		PART NAME CODE			
9	REAR WHEEL	-	-	-	-
10	REAR WHEEL HOUSE LINER LH	65638	-	-	-



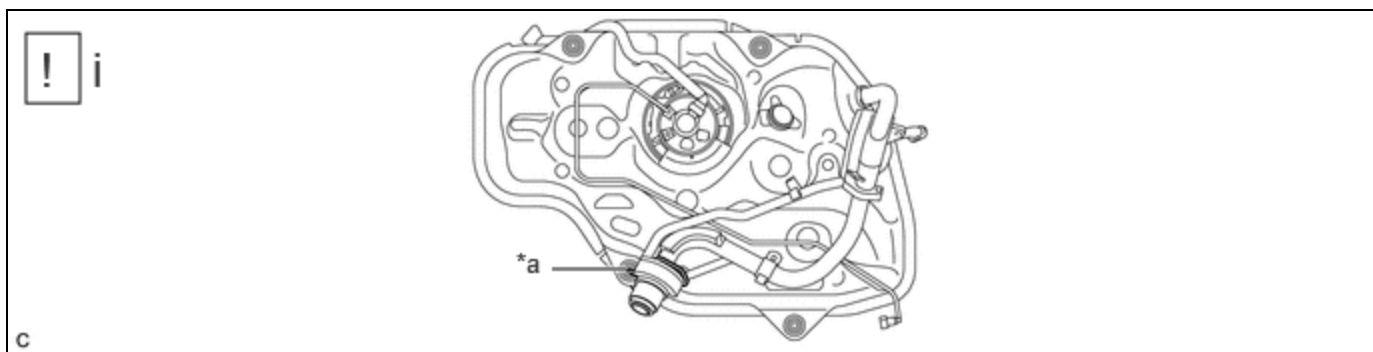
PROCEDURE		PART NAME CODE			
11	NO. 1 FUEL TANK PROTECTOR	77641A	-	-	-
12	DISCONNECT FUEL TANK VENT HOSE SUB-ASSEMBLY	77404	INFO	-	-
13	DISCONNECT FUEL TANK MAIN TUBE SUB-ASSEMBLY	77209F	INFO	-	-
14	FUEL TANK CAP ASSEMBLY	77310A	-	-	-
15	FUEL TANK SUB-ASSEMBLY	77100U	INFO	-	-

PROCEDURE		PART NAME CODE			
16	REMOVE FUEL TANK MAIN TUBE SUB-ASSEMBLY	77209F	-	-	-
17	REMOVE FUEL TANK VENT HOSE SUB-ASSEMBLY	77404	-	-	-
18	FUEL TANK PROTECTOR ASSEMBLY	77641C	-	-	-

*A	for 2WD	*B	for 4WD
*1	FUEL TANK FILLER PIPE ASSEMBLY	*2	NO. 1 EVAPORATION VENT TUBE CLAMP

## PROCEDURE

### 1. PRECAUTION



*a	Cord	-	-
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(1) When removing and storing the fuel tank sub-assembly, arrange the fuel tank filler pipe assembly as shown in the illustration, and secure the fuel tank sub-assembly using a cord or similar.

#### NOTICE:

Depending on the arrangement of the fuel tank filler pipe assembly during storage, the fuel tank filler pipe assembly and rear suspension may interfere and cause fuel leakage.

### 2. REMOVE FUEL SUCTION TUBE WITH PUMP AND GAUGE ASSEMBLY

Click here [INFO](#)

### 3. DRAIN FUEL

### 4. REMOVE TAIL EXHAUST PIPE ASSEMBLY

Click here [INFO](#)

### 5. REMOVE REAR FLOOR SIDE MEMBER COVER LH

Click here [INFO](#)

### 6. REMOVE REAR FLOOR SIDE MEMBER COVER RH

Click here [INFO](#)

### 7. REMOVE REAR BUMPER ASSEMBLY

Click here [INFO](#)



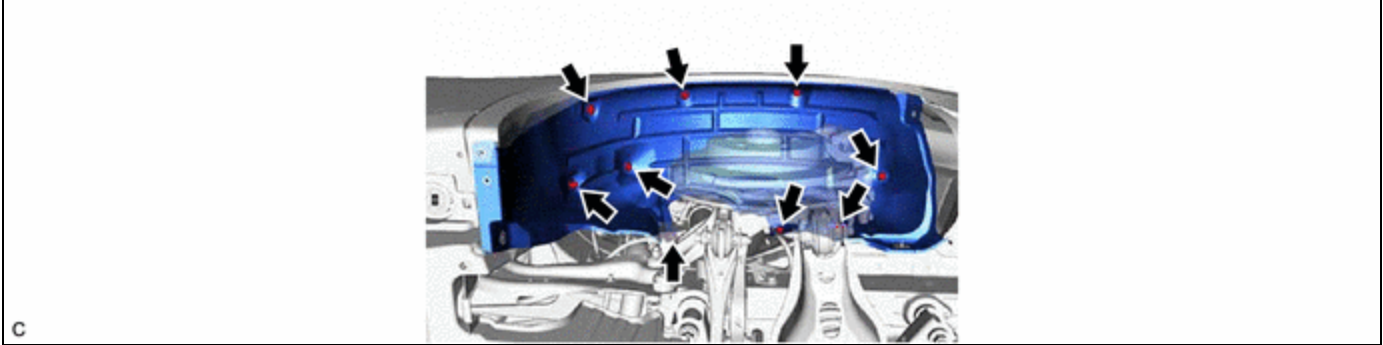
### 8. REMOVE REAR BUMPER SIDE SEAL LH

Click here [INFO](#)

### 9. REMOVE REAR WHEEL

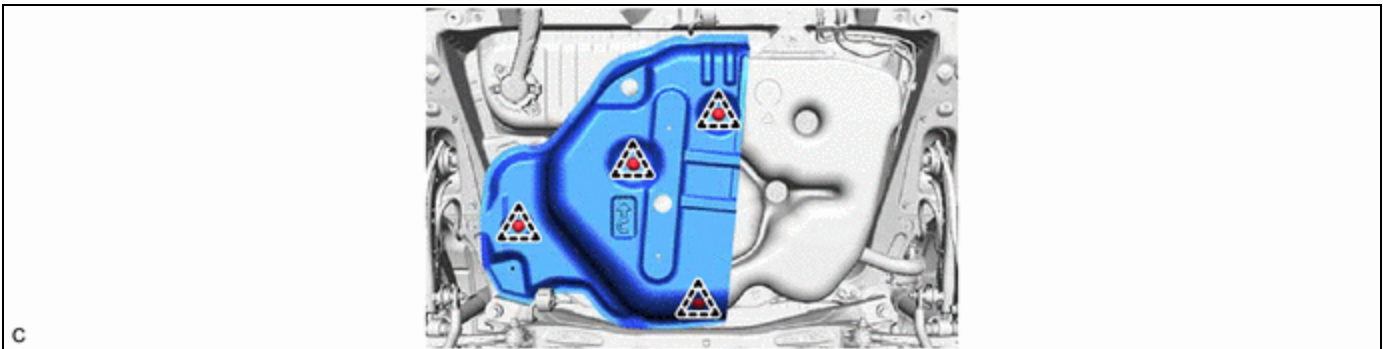
Click here [INFO](#)

### 10. REMOVE REAR WHEEL HOUSE LINER LH

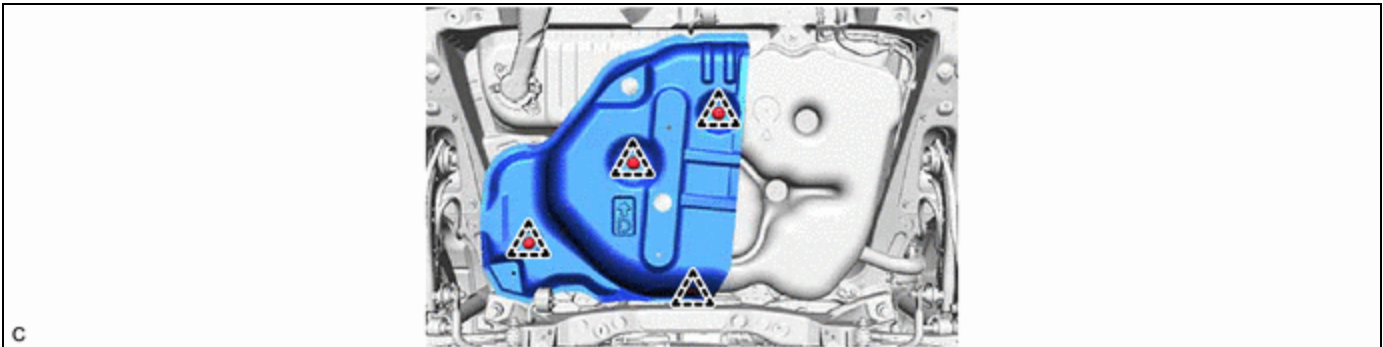


### 11. REMOVE NO. 1 FUEL TANK PROTECTOR

(a) for 2WD

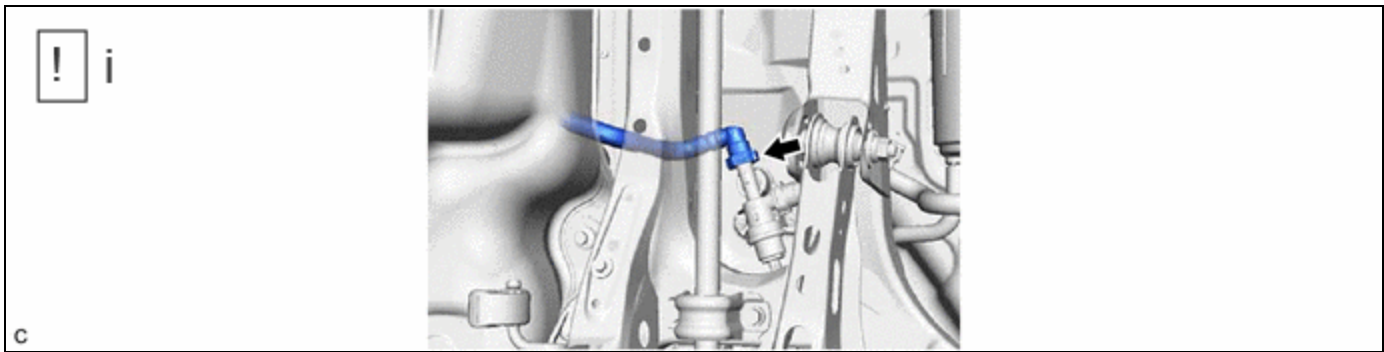


(b) for 4WD



### 12. DISCONNECT FUEL TANK VENT HOSE SUB-ASSEMBLY

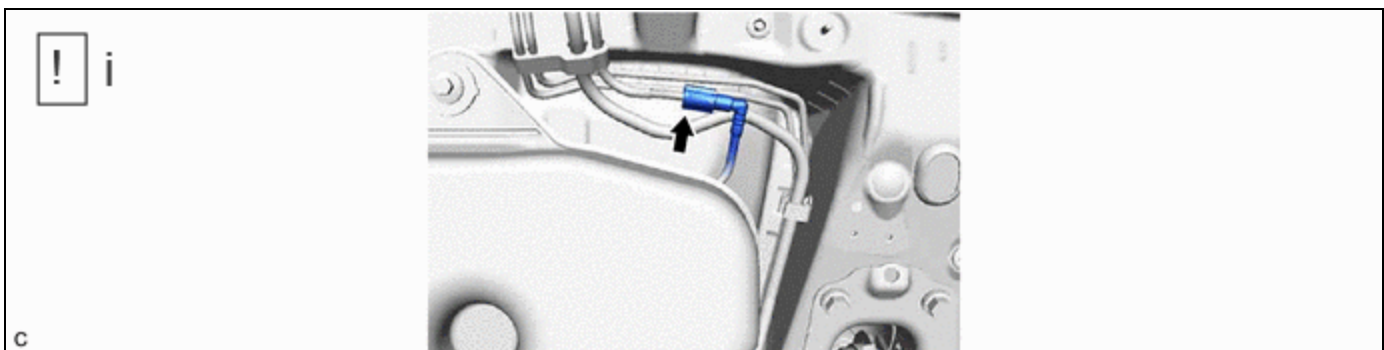




- (1) Disconnect the fuel tank vent hose sub-assembly from the fuel vapor containment valve (close tank with bolt valve assembly).

Click here [INFO](#)

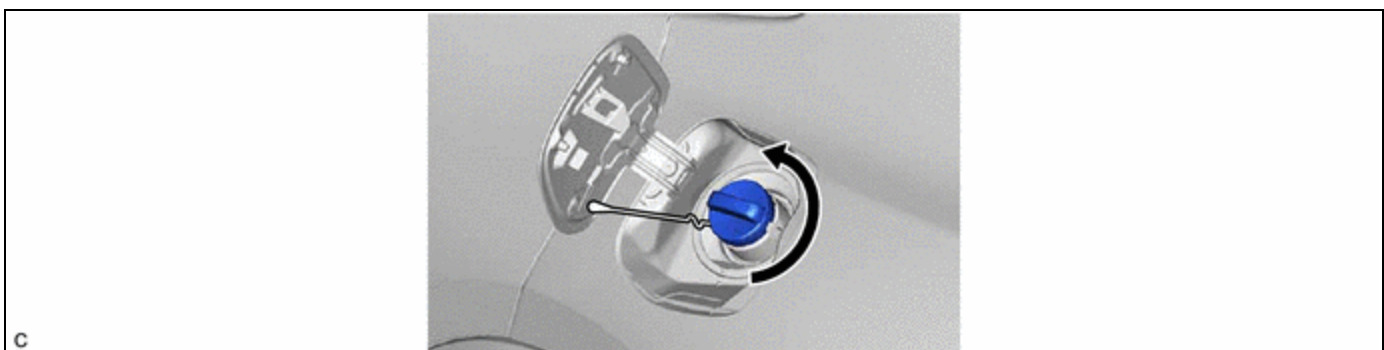
### 13. DISCONNECT FUEL TANK MAIN TUBE SUB-ASSEMBLY



- (1) Disconnect the fuel tank main tube sub-assembly from the fuel pipe.

Click here [INFO](#)

### 14. REMOVE FUEL TANK CAP ASSEMBLY

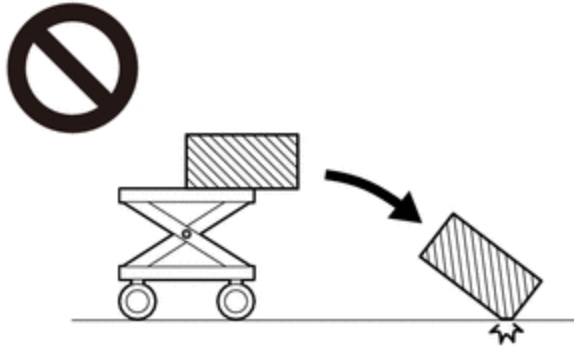


### 15. REMOVE FUEL TANK SUB-ASSEMBLY

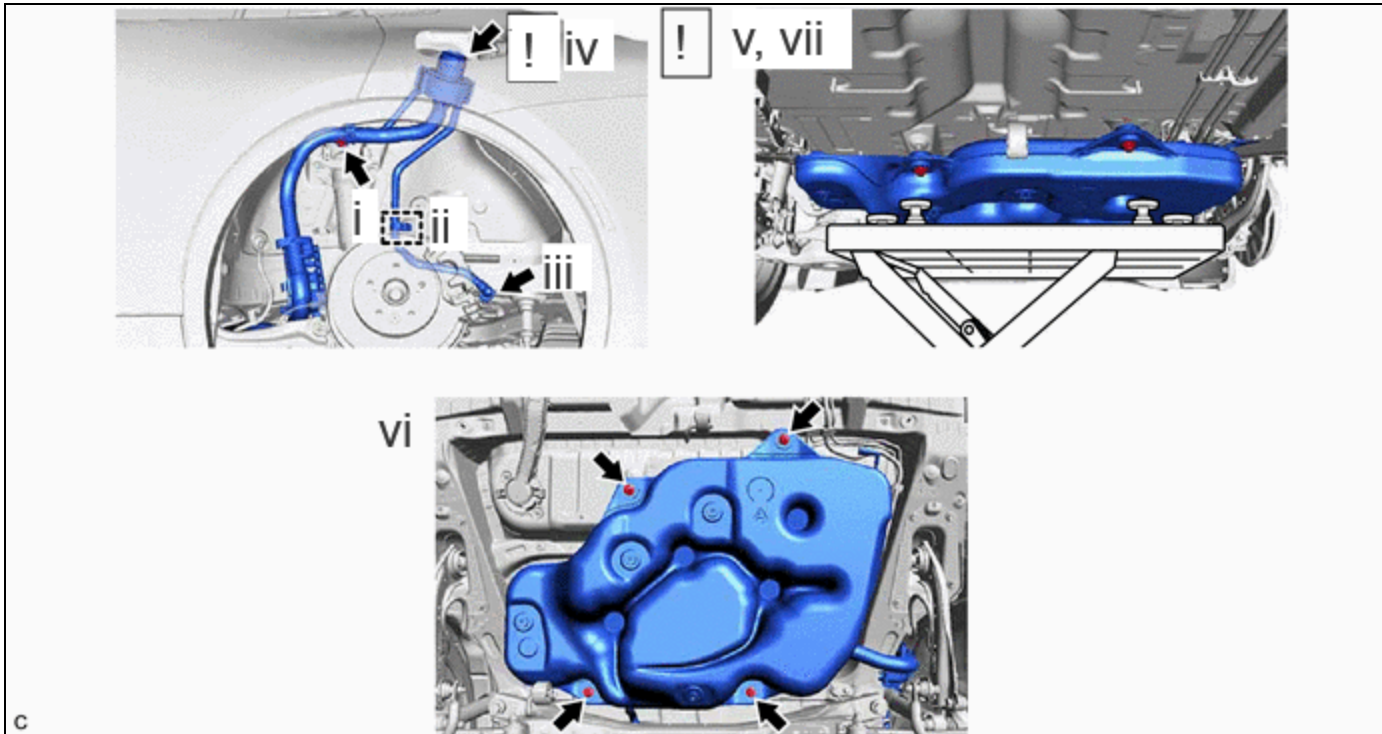


#### **CAUTION:**

The fuel tank sub-assembly is very heavy. Be sure to follow the procedure described in the repair manual, or the fuel tank sub-assembly may fall off the engine lifter.



c



c

- (1) Remove the bolt.
- (2) Disengage the clamp.
- (3) Disconnect the fuel tank filler pipe air tube from fuel tank vent hose sub-assembly.
- (4) Disengage the location shown in the illustration, and disconnect the fuel tank filler pipe assembly from the vehicle body.
- (5) Support the fuel tank sub-assembly using an engine lifter.

**HINT:**

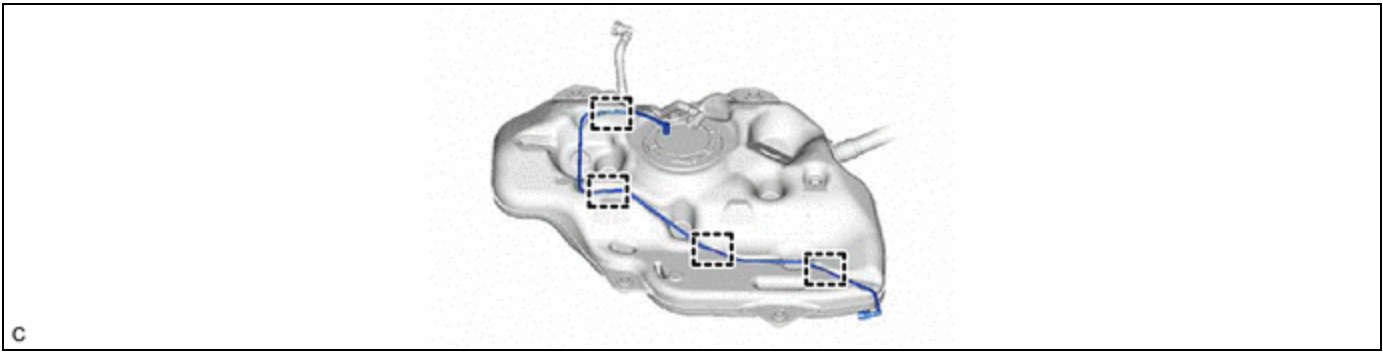
Using height adjustment attachments and plate lift attachments, keep the fuel tank sub-assembly horizontal.

- (6) Remove the 4 bolts.
- (7) Lower the engine lifter to remove the fuel tank sub-assembly.

**NOTICE:**

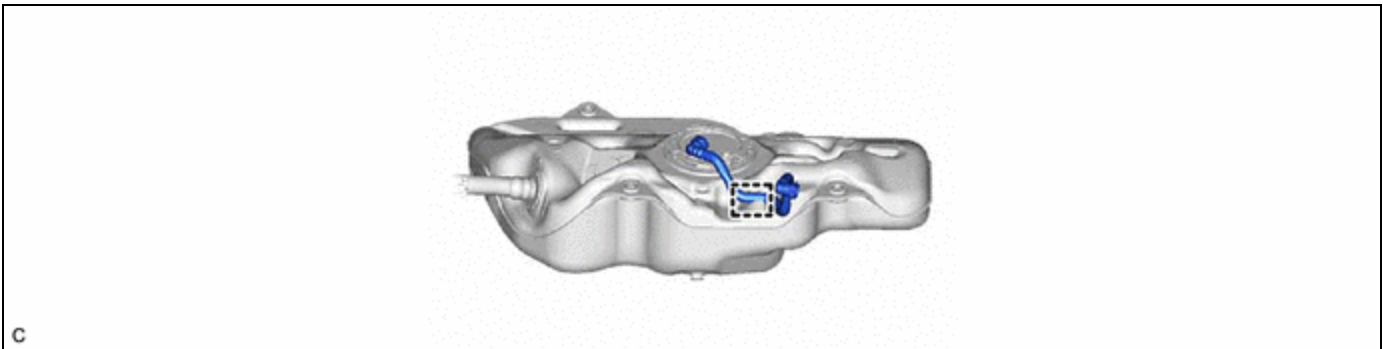
- Be careful not to drop the fuel tank sub-assembly.
- When removing the fuel tank sub-assembly, tilt it slightly to prevent it from interfering with the surrounding parts.

**16. REMOVE FUEL TANK MAIN TUBE SUB-ASSEMBLY**

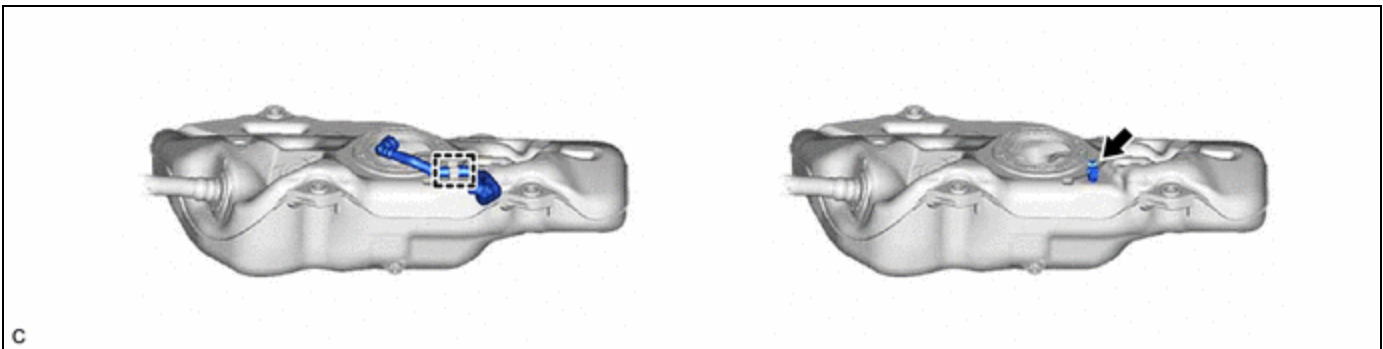


**17. REMOVE FUEL TANK VENT HOSE SUB-ASSEMBLY**

(a) for 2WD



(b) for 4WD



**18. REMOVE FUEL TANK PROTECTOR ASSEMBLY (for 4WD)**

