Last Modified: 12-04-2024	6.11:8.1.0	**Doc ID:** RM1000000029UW0
Model Year Start: 2023	**Model:** Prius	**Prod Date Range:** [12/2022 -]
Title: M20A-FXS (EMISSION CONTROL): CANISTER (for HEV Model): REMOVAL; 2023 - 2024 MY Prius [12/2022 -]		

REMOVAL

CAUTION / NOTICE / HINT

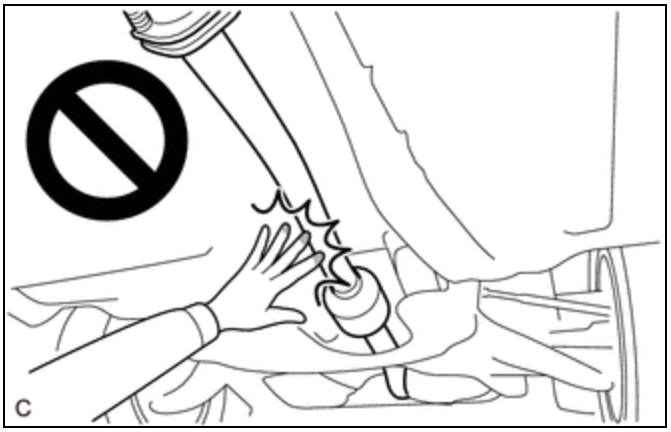
The necessary procedures (adjustment, calibration, initialization or registration) that must be performed after parts are removed and installed, or replaced during canister removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Gas leak from exhaust system is repaired	Inspection After Repair	• Poor idle, etc. • Engine start function, etc.	INFO

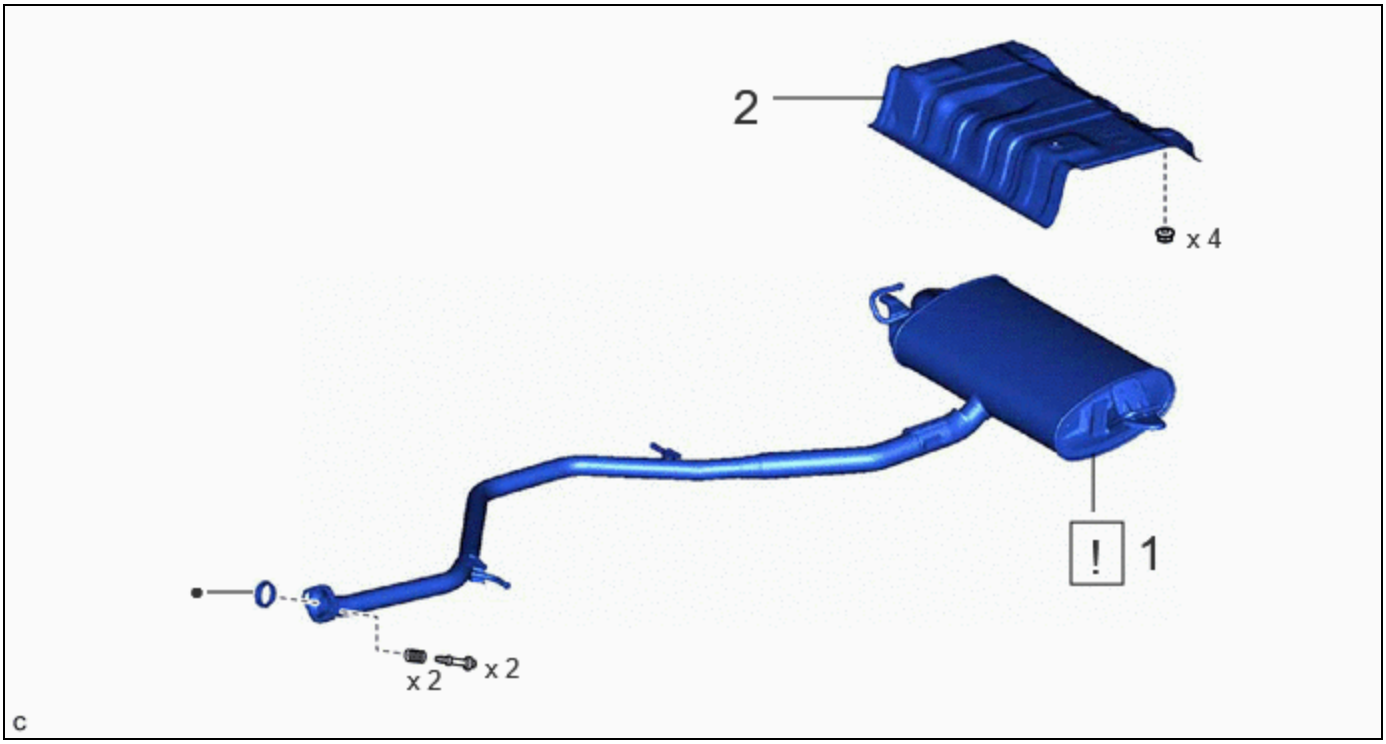
CAUTION:

To prevent burns, do not touch the engine, exhaust pipe or other high temperature components while the engine is hot.



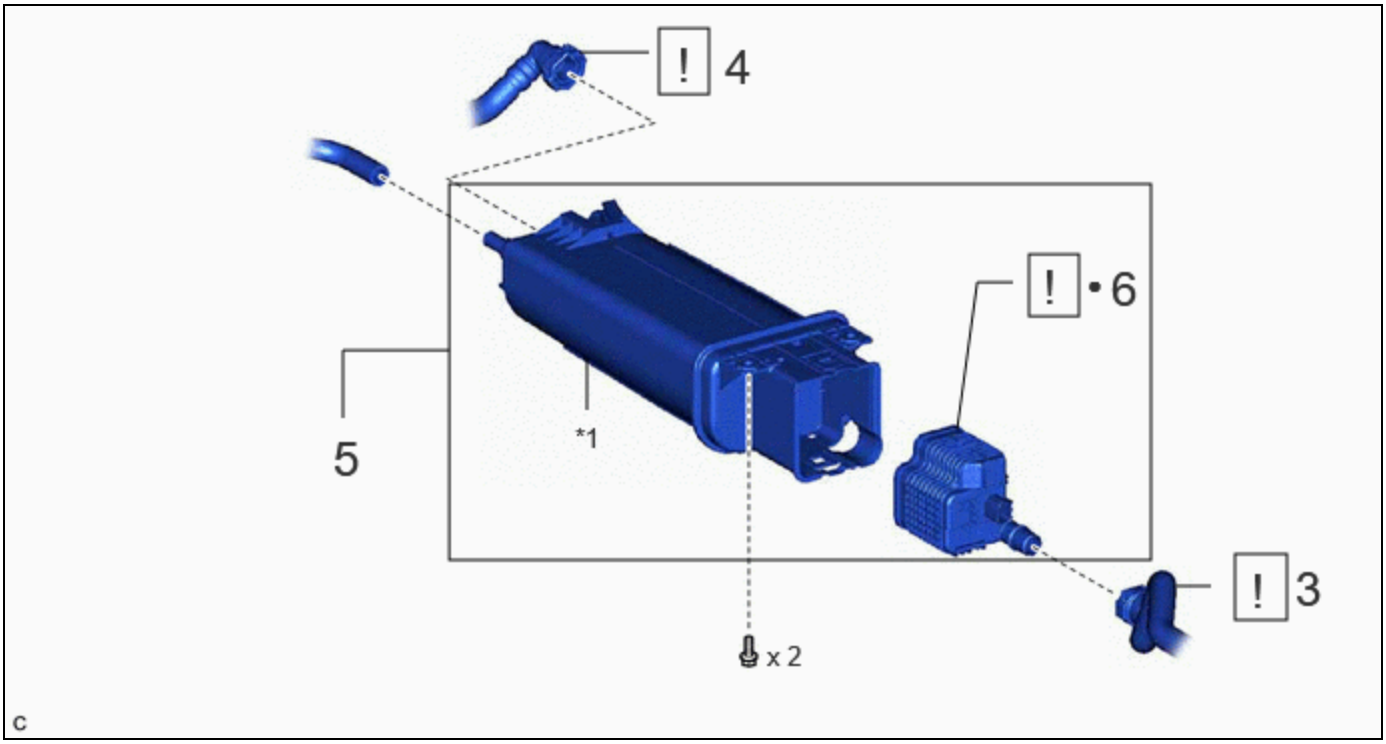
CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



	PROCEDURE	PART NAME CODE	!		
1	TAIL EXHAUST PIPE ASSEMBLY	17430	INFO	-	-
2	UPPER MAIN MUFFLER HEAT INSULATOR	58327D	-	-	-

•	Non-reusable part	-	-



	PROCEDURE	PART NAME CODE			
3	FUEL TANK VENT HOSE SUB-ASSEMBLY (FUEL LID SIDE)	77404A	INFO	-	-
4	FUEL TANK VENT HOSE SUB-ASSEMBLY (FUEL VAPOR CONTAINMENT VALVE SIDE)	77404	INFO	-	-
5	CANISTER (CHARCOAL CANISTER ASSEMBLY)	77740	-	-	-
6	LEAK DETECTION PUMP SUB-ASSEMBLY	77740R	INFO	-	-

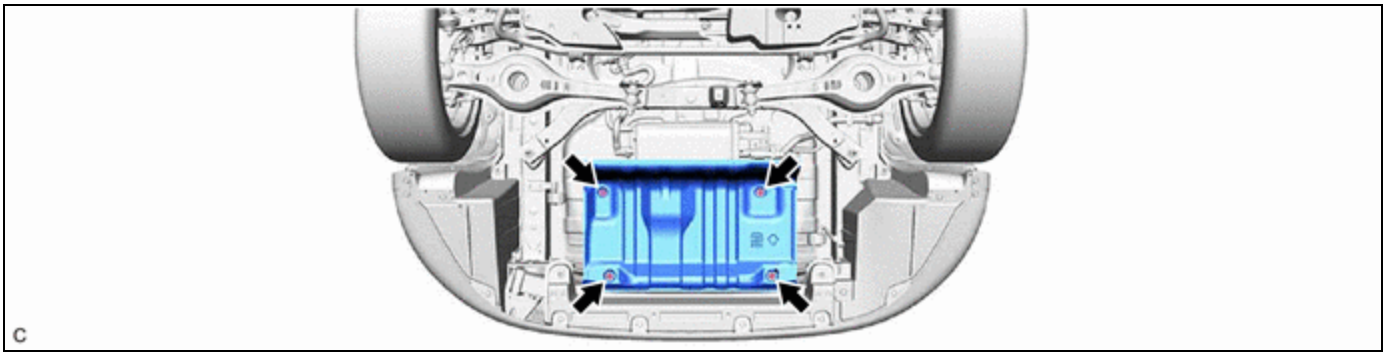
*1	CHARCOAL CANISTER SUB-ASSEMBLY	-	-
•	Non-reusable part	-	-

PROCEDURE

1. REMOVE TAIL EXHAUST PIPE ASSEMBLY

	Click here INFO

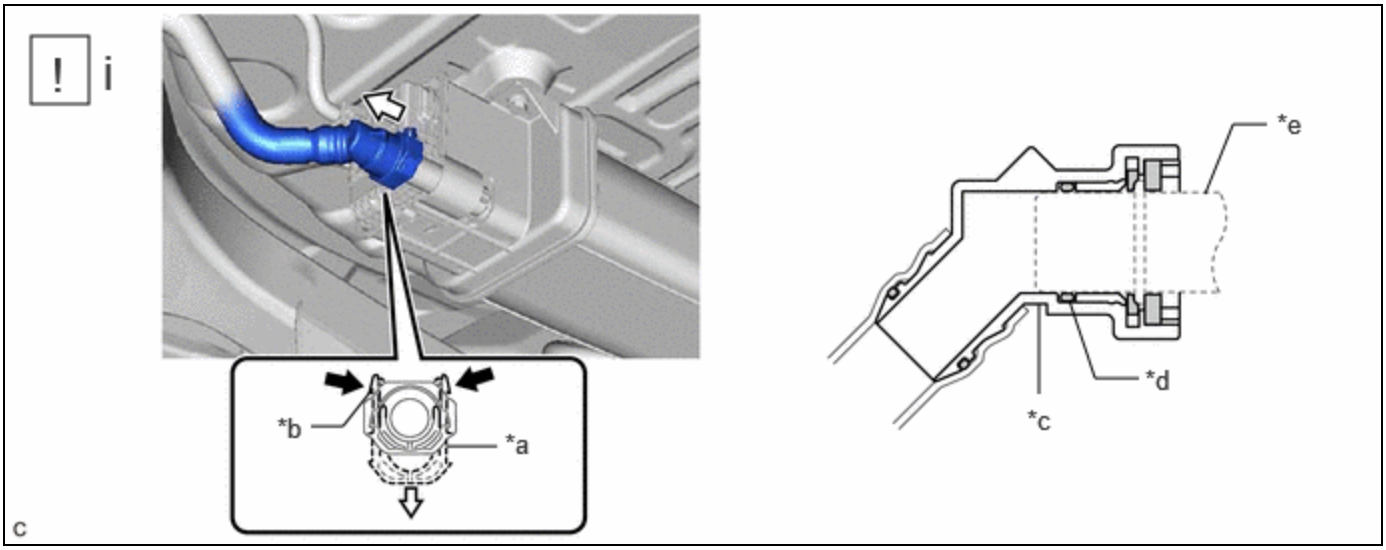
2. REMOVE UPPER MAIN MUFFLER HEAT INSULATOR



3. DISCONNECT FUEL TANK VENT HOSE SUB-ASSEMBLY (FUEL LID SIDE)

NOTICE:

- Remove any dirt or foreign matter on the tube connector before performing this work.
- Do not allow any scratches or foreign matter to get on the parts when disconnecting them as the tube connector has an O-ring that seals the pipe (leak detection pump sub-assembly).
- Perform this work by hand. Do not use any tools.
- Do not forcibly bend, twist or turn the fuel tank vent hose sub-assembly (fuel lid side).
- Protect the disconnected parts by covering them with plastic bags after disconnecting the fuel tank vent hose sub-assembly (fuel lid side).
- If the tube connector and pipe (leak detection pump sub-assembly) are stuck, push and pull to release them.



*a	Retainer	*b	Tab
*c	Tube Connector	*d	O-ring
*e	Pipe (Leak Detection Pump Sub-assembly)	-	-
➡	Pinch	⇨	Pull

(1) Pinch the tabs of the retainer to disengage the lock claws and pull it down.

HINT:

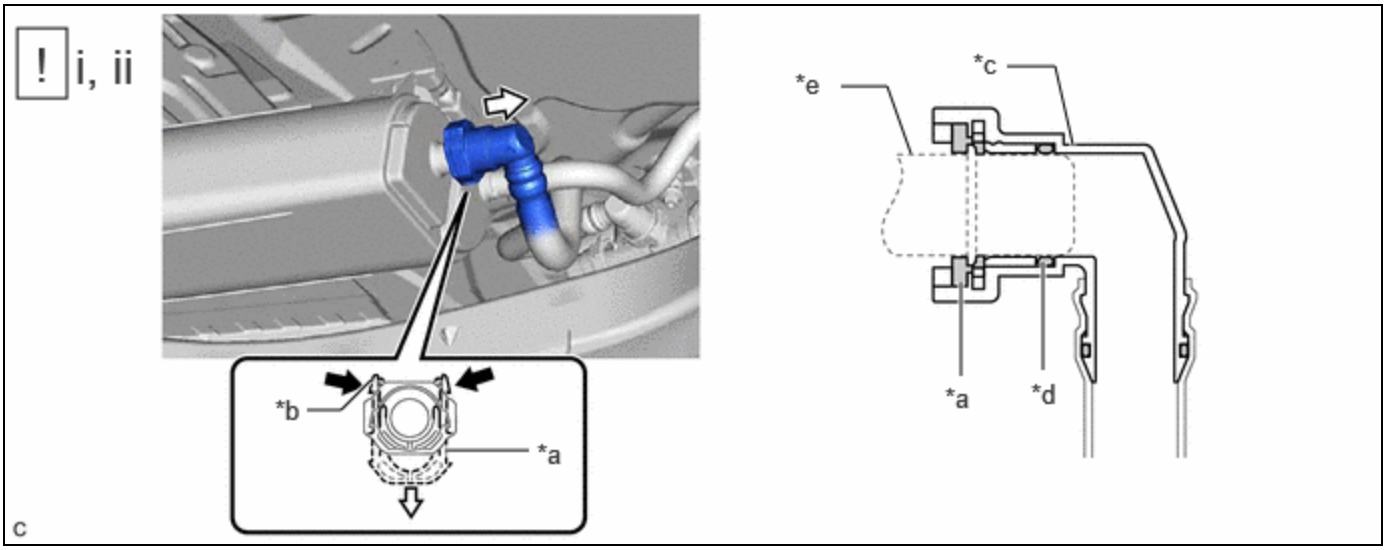
Do not remove the retainer.

(2) Pull off the fuel tank vent hose sub-assembly (fuel lid side) from the canister (charcoal canister assembly).

4. DISCONNECT FUEL TANK VENT HOSE SUB-ASSEMBLY (FUEL VAPOR CONTAINMENT VALVE SIDE)

NOTICE:

- Remove any dirt or foreign matter on the tube connector before performing this work.
- Do not allow any scratches or foreign matter to get on the parts when disconnecting them as the tube connector has an O-ring that seals the pipe (canister (charcoal canister assembly)).
- Perform this work by hand. Do not use any tools.
- Do not forcibly bend, twist or turn the fuel tank vent hose sub-assembly (fuel vapor containment valve side).
- Protect the disconnected parts by covering them with plastic bags after disconnecting the fuel tank vent hose sub-assembly (fuel vapor containment valve side).
- If the tube connector and pipe (canister (charcoal canister assembly)) are stuck, push and pull to release them.



*a	Retainer	*b	Tab
*c	Tube Connector	*d	O-ring
*e	Pipe (Canister (Charcoal Canister Assembly))	-	-
➡	Pinch	⇨	Pull

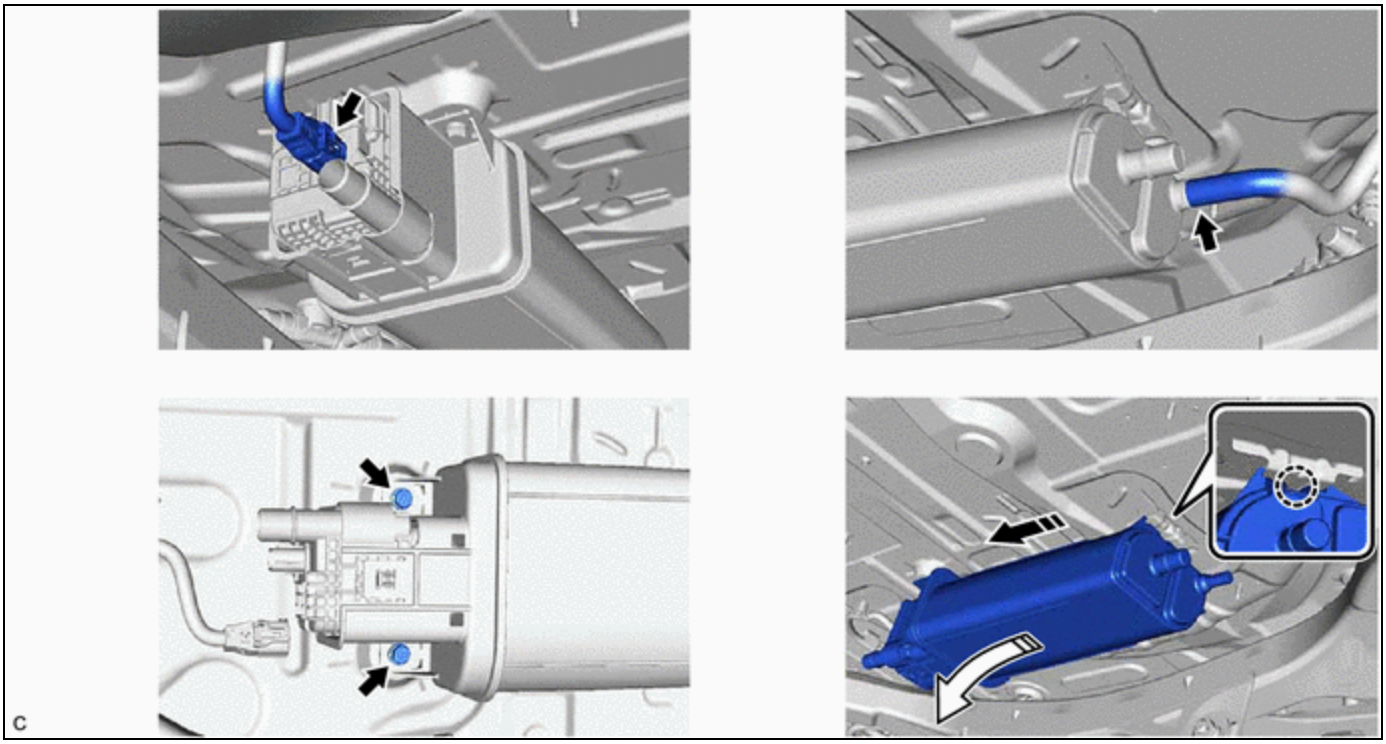
(1) Pinch the tabs of the retainer to disengage the lock claws and pull it down.

HINT:

Do not remove the retainer.

(2) Pull off the fuel tank vent hose sub-assembly (fuel vapor containment valve side) from the canister (charcoal canister assembly).

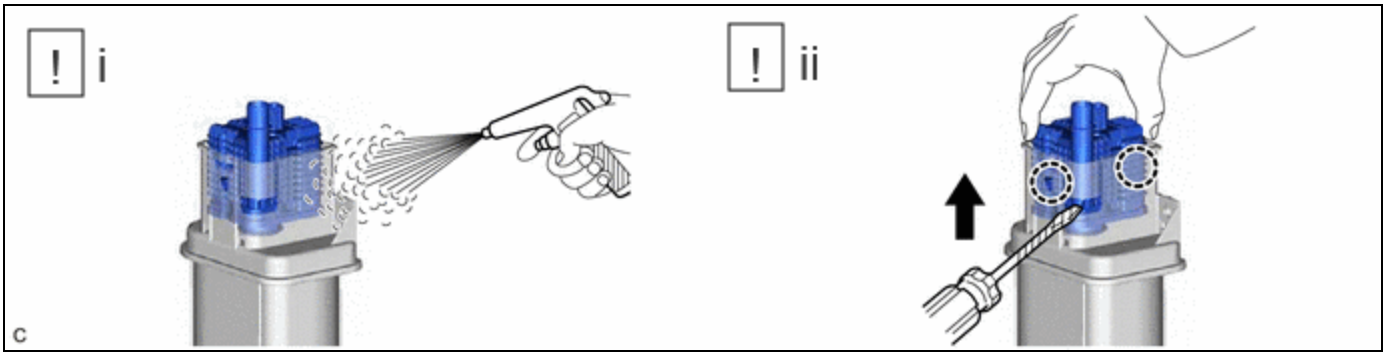
5. REMOVE CANISTER (CHARCOAL CANISTER ASSEMBLY)



6. REMOVE LEAK DETECTION PUMP SUB-ASSEMBLY

HINT:

Only perform this procedure when replacement of the leak detection pump sub-assembly is necessary.

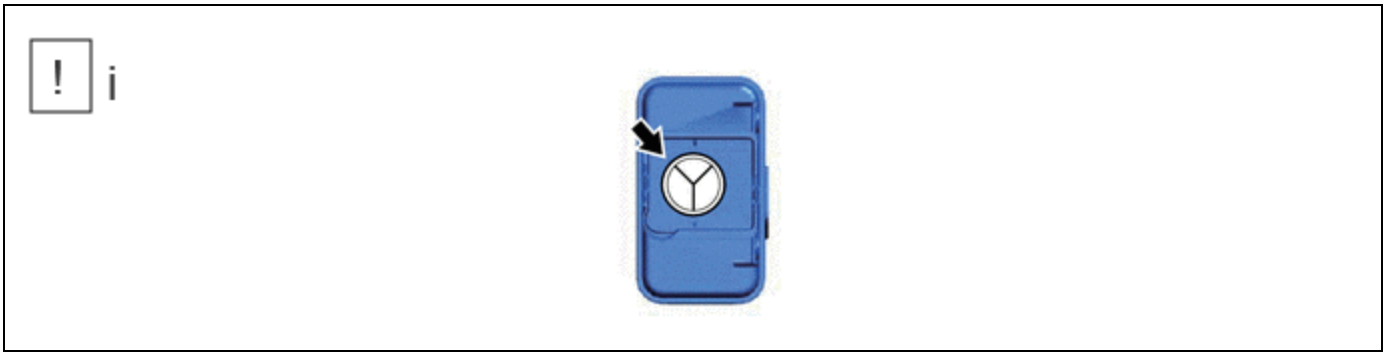


(1) Before removing the leak detection pump sub-assembly, clean the canister (charcoal canister assembly) by blowing air into it to ensure that the canister (charcoal canister assembly) is free of foreign matter.

NOTICE:

- Make sure to clean the canister (charcoal canister assembly) using air only.
- Do not use gasoline, thinners or solvents.

(2) While disengaging the 2 claws as shown in the illustration, push the leak detection pump sub-assembly upwards using a screwdriver with its tip wrapped with protective tape to remove it.



(1) Check if the charcoal canister sub-assembly contains foreign matter such as mud or water.

1. Visually check that the inside of the charcoal canister sub-assembly is free of foreign matter.
2. Hold the charcoal canister sub-assembly upside down to make sure that it is free of foreign matter.

If the charcoal canister sub-assembly contains foreign matter, replace the canister (charcoal canister assembly).