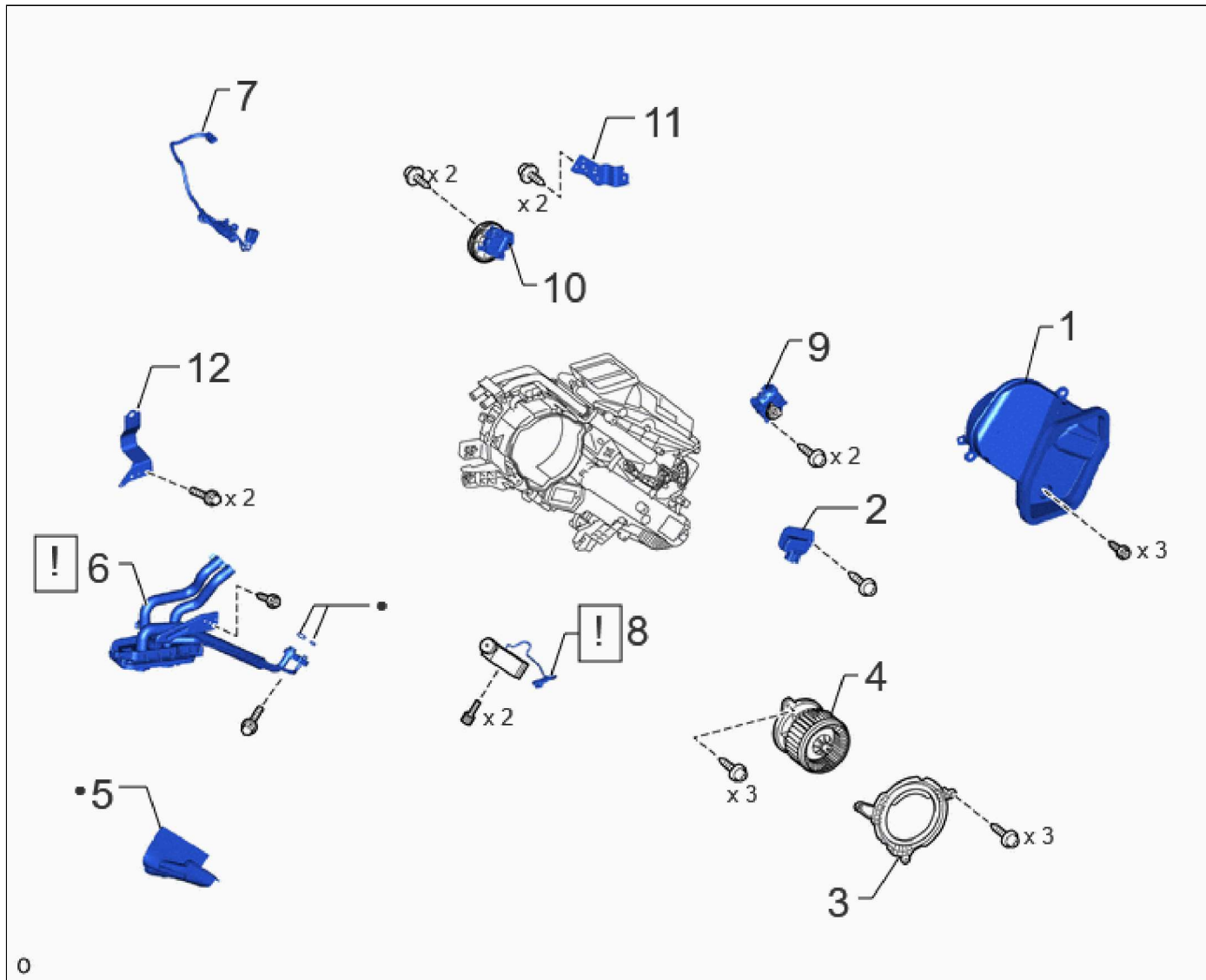





<b>Last Modified:</b> 07-05-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000002K76E
<b>Model Year Start:</b> 2024	<b>Model:</b> Land Cruiser	<b>Prod Date Range:</b> [02/2024 -     ]
<b>Title:</b> HEATING / AIR CONDITIONING: REAR AIR CONDITIONING UNIT: DISASSEMBLY; 2024 MY Land Cruiser [02/2024 -     ]		




## DISASSEMBLY

## CAUTION / NOTICE / HINT

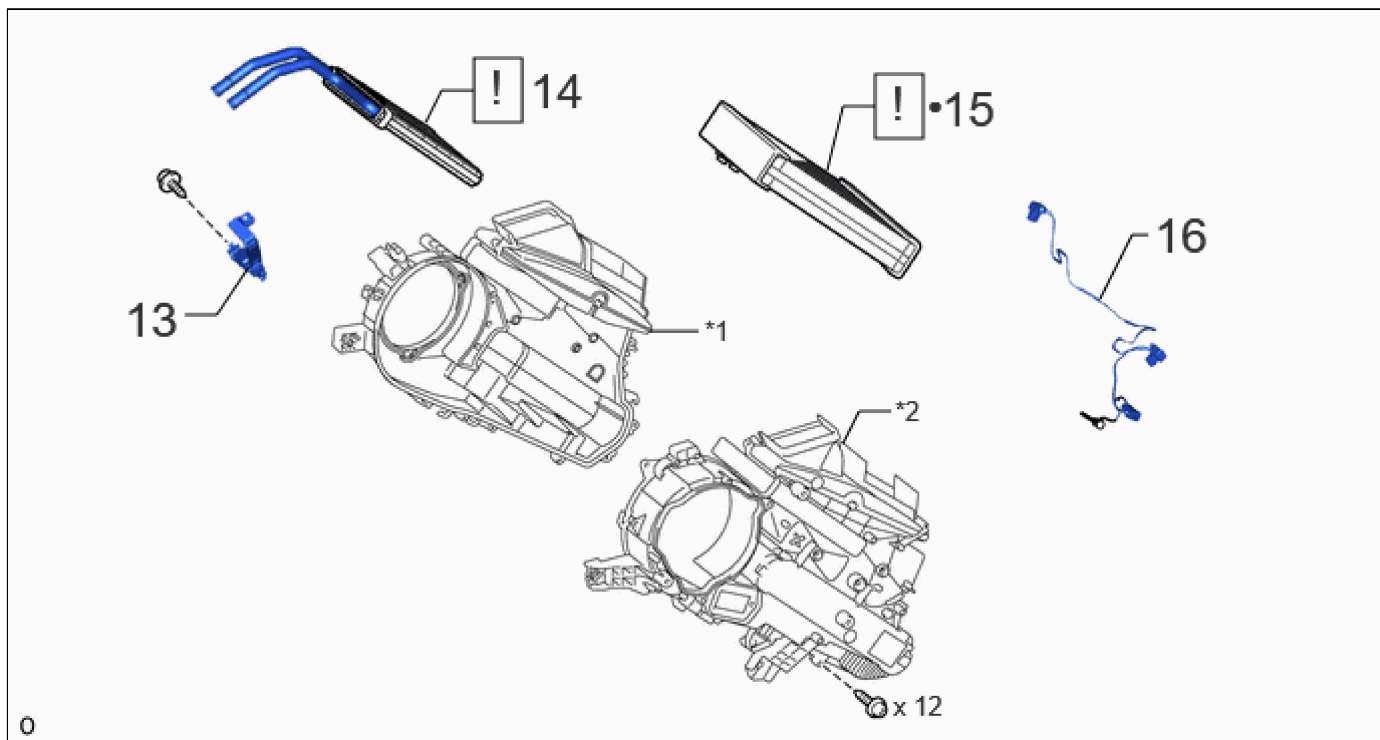
### COMPONENTS (DISASSEMBLY)









PROCEDURE		PART NAME CODE			
1	REAR NO. 7 AIR DUCT	87212L	-	-	-
2	BLOWER MOTOR CONTROL	87165C	-	-	-

PROCEDURE		PART NAME CODE			
3	HEATER BLOWER COVER	87236C	-	-	-
4	REAR BLOWER MOTOR WITH FAN SUB-ASSEMBLY	87103D	-	-	-
5	NO. 1 COOLING UNIT PACKING	88578B	-	-	-
6	AIR CONDITIONING TUBE AND ACCESSORY ASSEMBLY	88710H	WFO	-	-
7	NO. 1 COOLER WIRING HARNESS SUB-ASSEMBLY	88605	-	-	-
8	REAR COOLING UNIT EXPANSION VALVE	88515B	WFO	-	-
9	REAR AIR MIX DAMPER SERVO SUB-ASSEMBLY	87106W	-	-	-
10	REAR MODE DAMPER SERVO SUB-ASSEMBLY	87106X	-	-	-
11	REAR NO. 1 AIR CONDITIONING UNIT BRACKET	88F88G	-	-	-
12	BRACKET	88688Z	-	-	-

•	Non-reusable part	-	-
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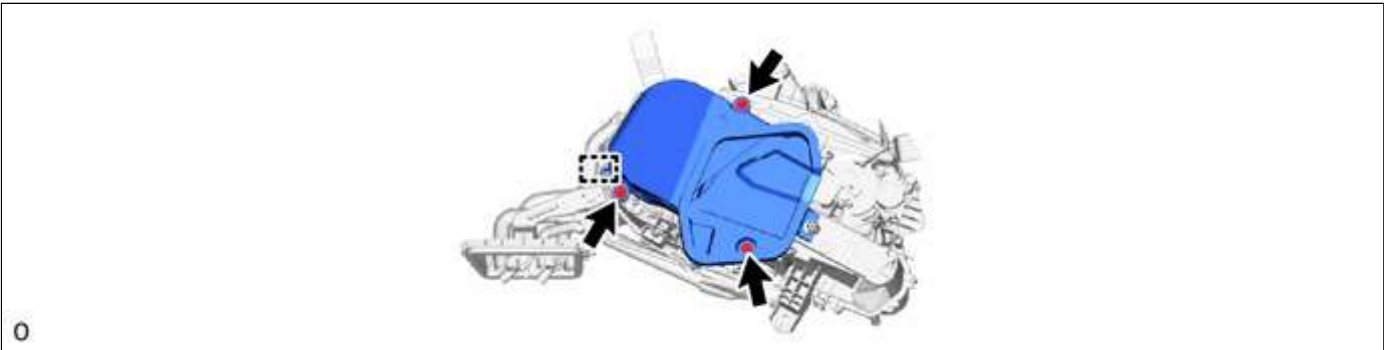
PROCEDURE		PART NAME CODE			
13	HEATER RADIATOR UNIT SUB-ASSEMBLY	87107B	WFO	-	-
14	HEATER CLAMP	-	-	-	-
15	EVAPORATOR SUB-ASSEMBLY (REAR)	88501R	WFO	-	-

PROCEDURE		PART NAME CODE			
16	NO. 2 COOLER WIRING HARNESS SUB-ASSEMBLY	88605C	-	-	-

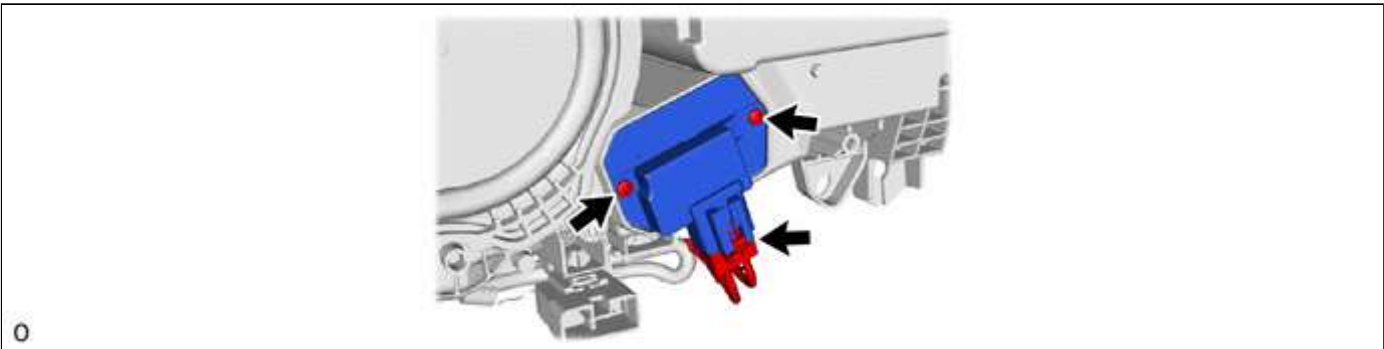
*1	COOLING UNIT CASE LH	*2	COOLING UNIT CASE RH
•	Non-reusable part	-	-

# **PROCEDURE**

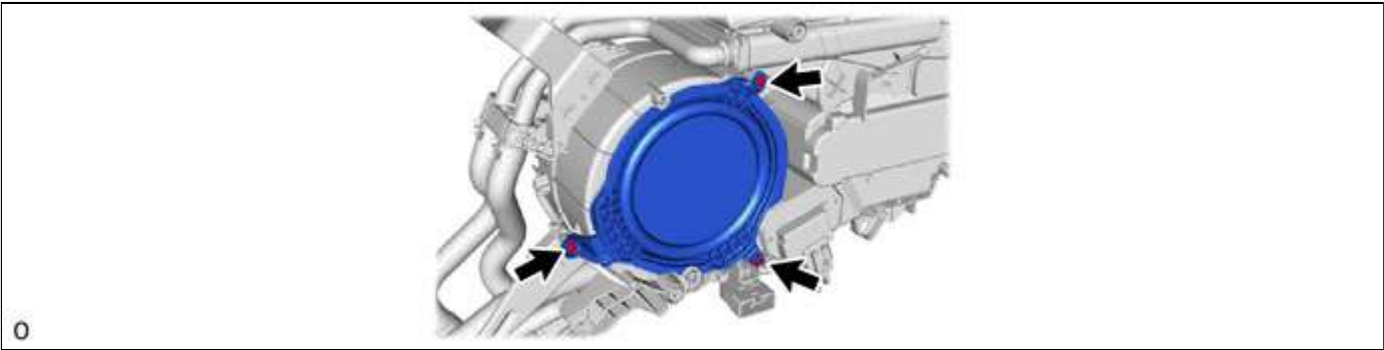
## **1. REMOVE REAR NO. 7 AIR DUCT**



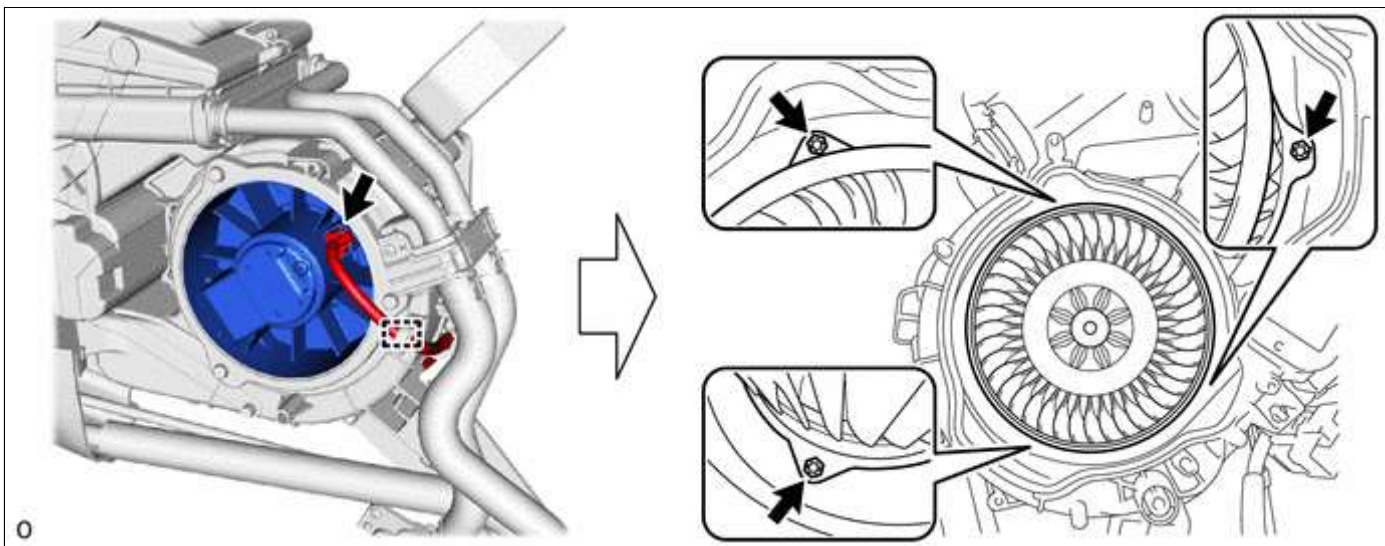
## **2. REMOVE BLOWER MOTOR CONTROL**



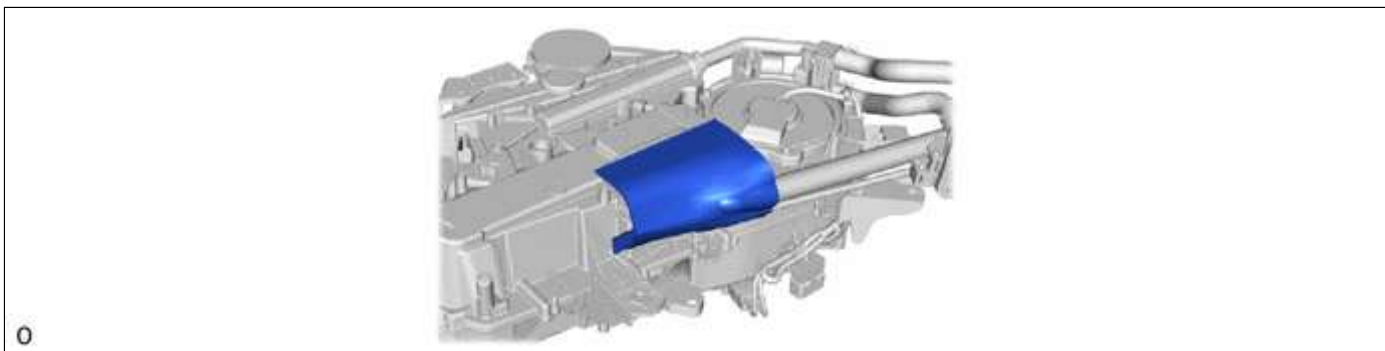
## **3. REMOVE HEATER BLOWER COVER**



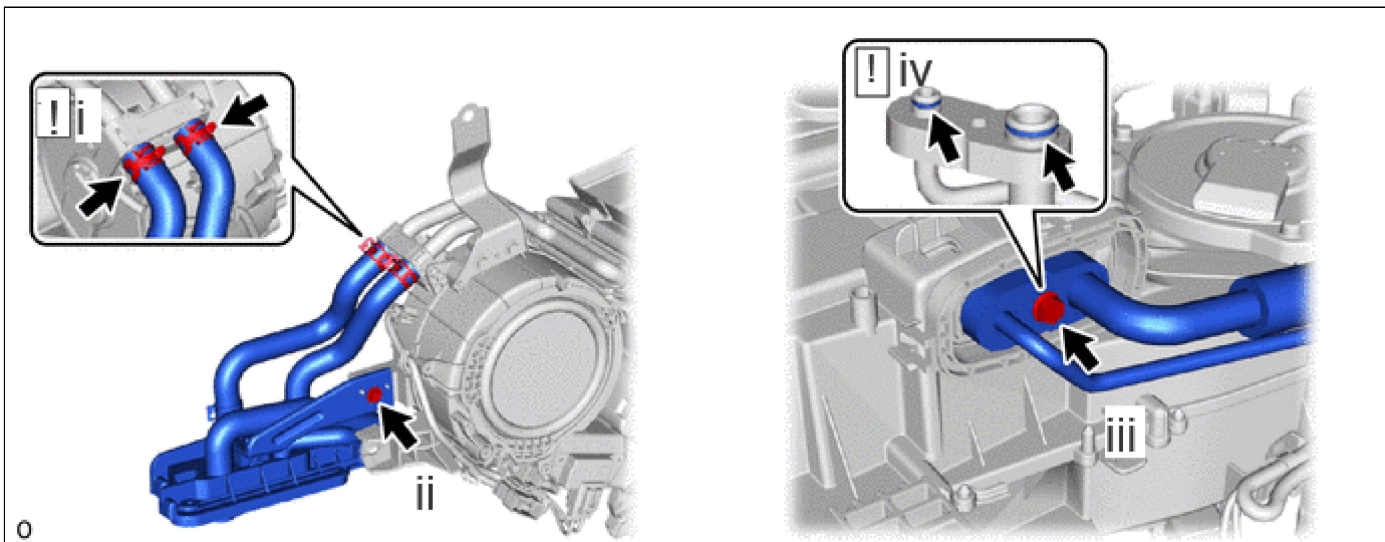
## **4. REMOVE REAR BLOWER MOTOR WITH FAN SUB-ASSEMBLY**



## 5. REMOVE NO. 1 COOLING UNIT PACKING



## 6. REMOVE AIR CONDITIONING TUBE AND ACCESSORY ASSEMBLY



(1) Using pliers, grip the claws of the clip and slide the 2 clips to disconnect the air conditioning tube and accessory assembly.

### NOTICE:

- Do not apply excessive force to the air conditioning tube and accessory assembly.
- Prepare a container or cloth in case the coolant leaks.

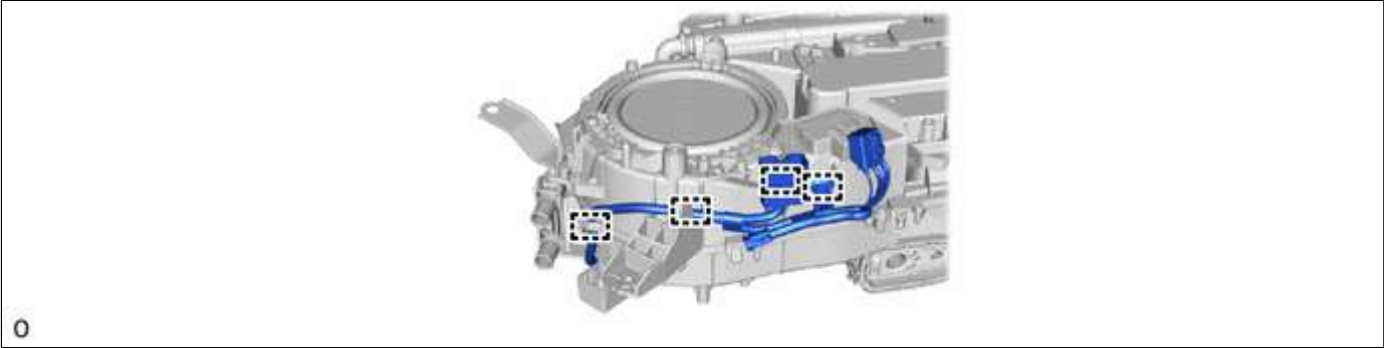
(2) Remove the screw.

- (3) Remove the bolt and air conditioning tube and accessory assembly.
- (4) Remove the 2 O-rings from the air conditioning tube and accessory assembly.

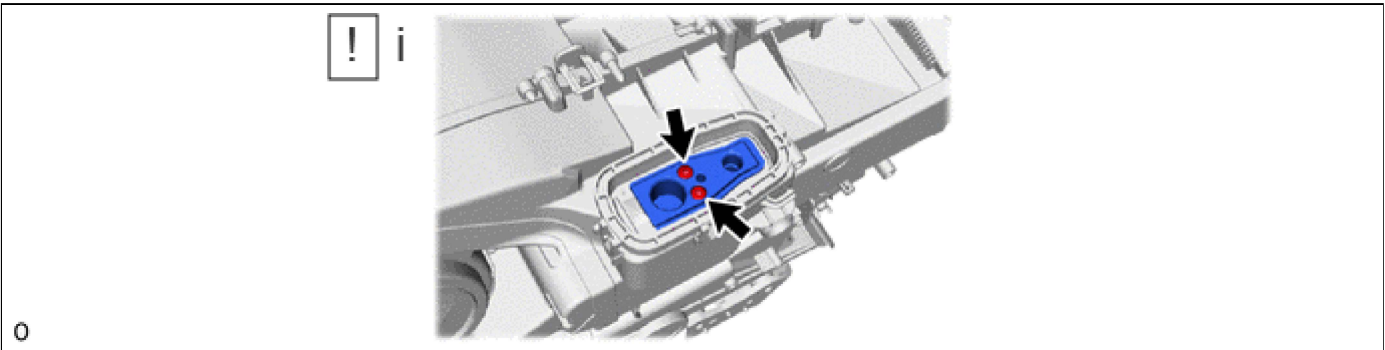
**NOTICE:**

Seal the openings of the disconnected parts using vinyl tape to prevent the entry of moisture and foreign matter.

**7. REMOVE NO. 1 COOLER WIRING HARNESS SUB-ASSEMBLY**



**8. REMOVE REAR COOLING UNIT EXPANSION VALVE**

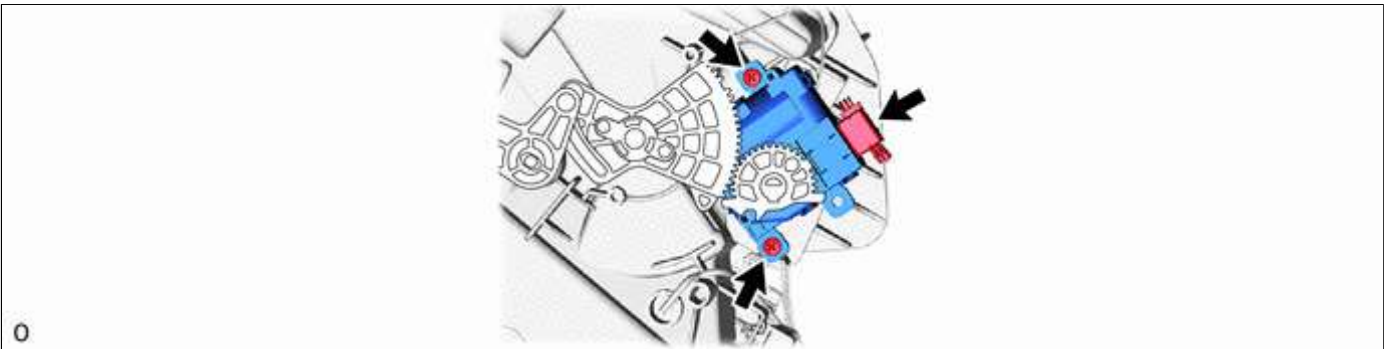


- (1) Using a 4 mm hexagon socket wrench, remove the 2 hexagon bolts and rear cooling unit expansion valve.

**NOTICE:**

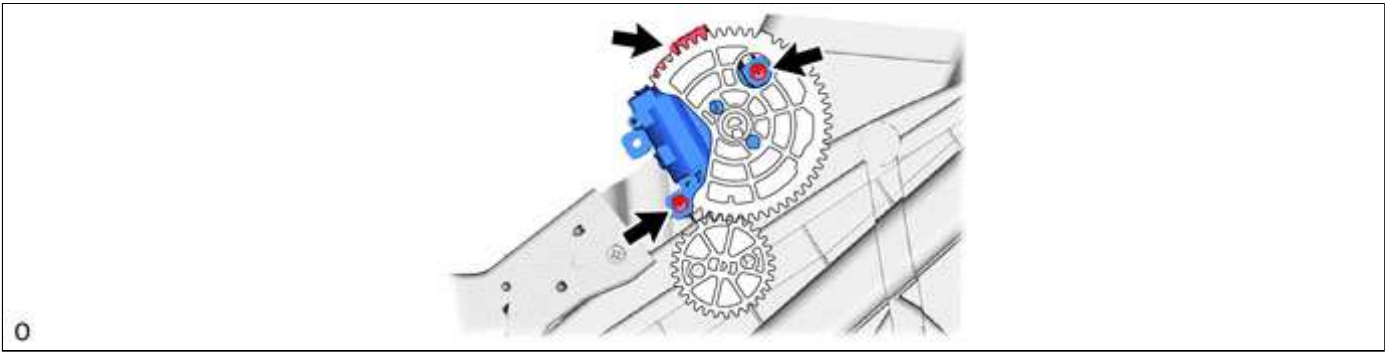
Seal the openings of the disconnected parts using vinyl tape to prevent the entry of moisture and foreign matter.

**9. REMOVE REAR AIR MIX DAMPER SERVO SUB-ASSEMBLY**

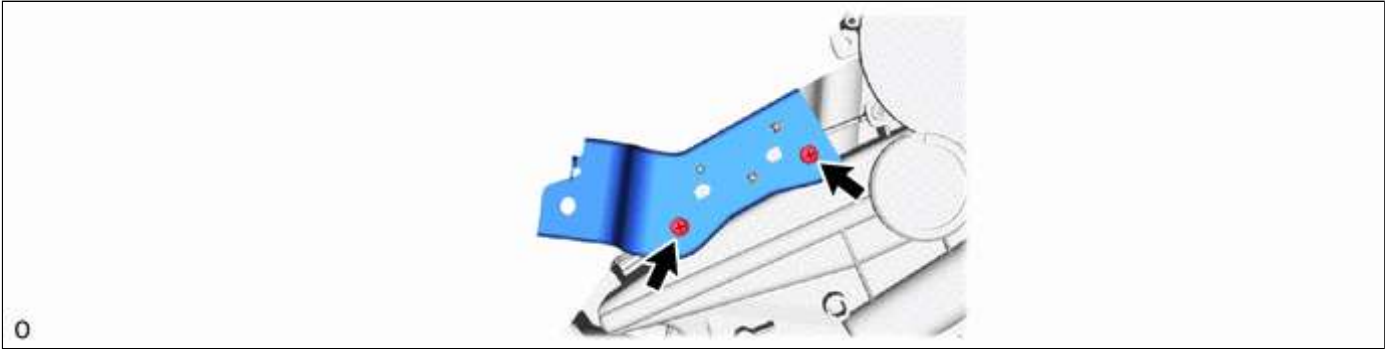


**10. REMOVE REAR MODE DAMPER SERVO SUB-ASSEMBLY**

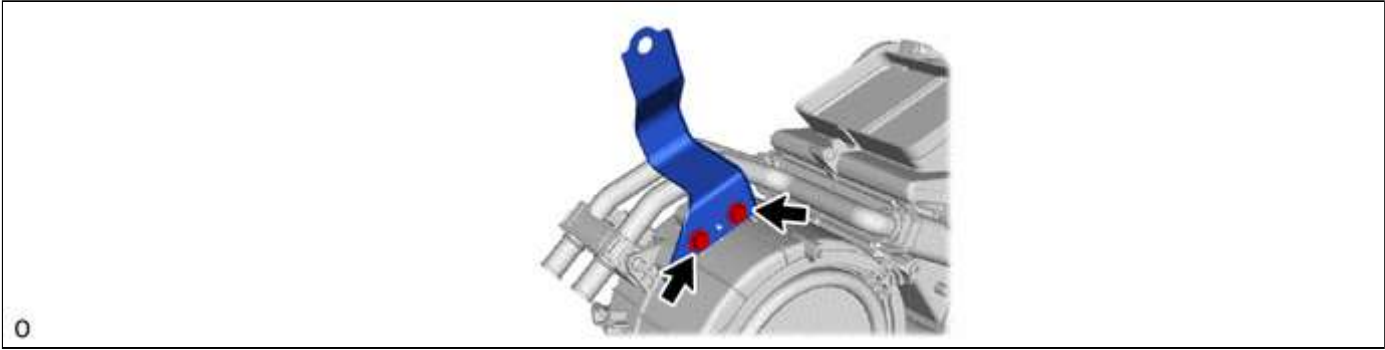




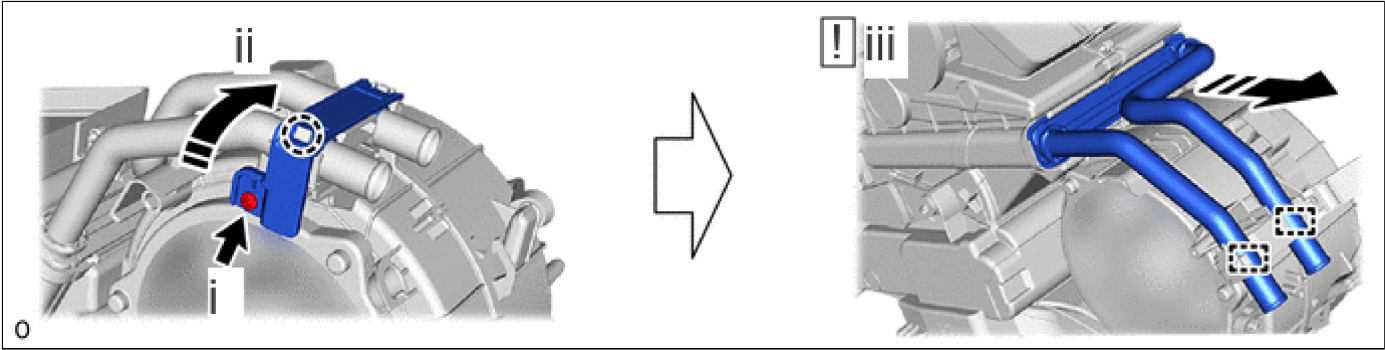
**11. REMOVE REAR NO. 1 AIR CONDITIONING UNIT BRACKET**




**12. REMOVE BRACKET**



**13. REMOVE HEATER RADIATOR UNIT SUB-ASSEMBLY**

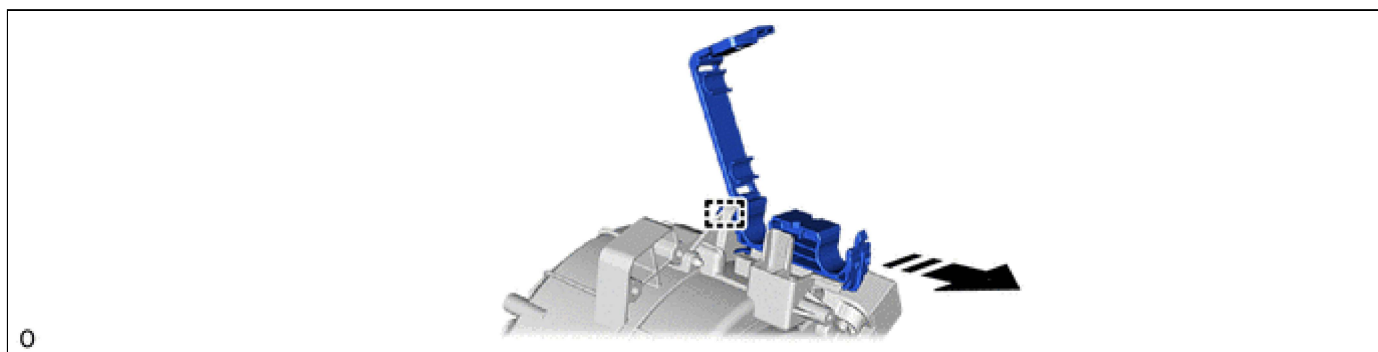


	Remove in this Direction	-	-
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(1) Remove the screw.

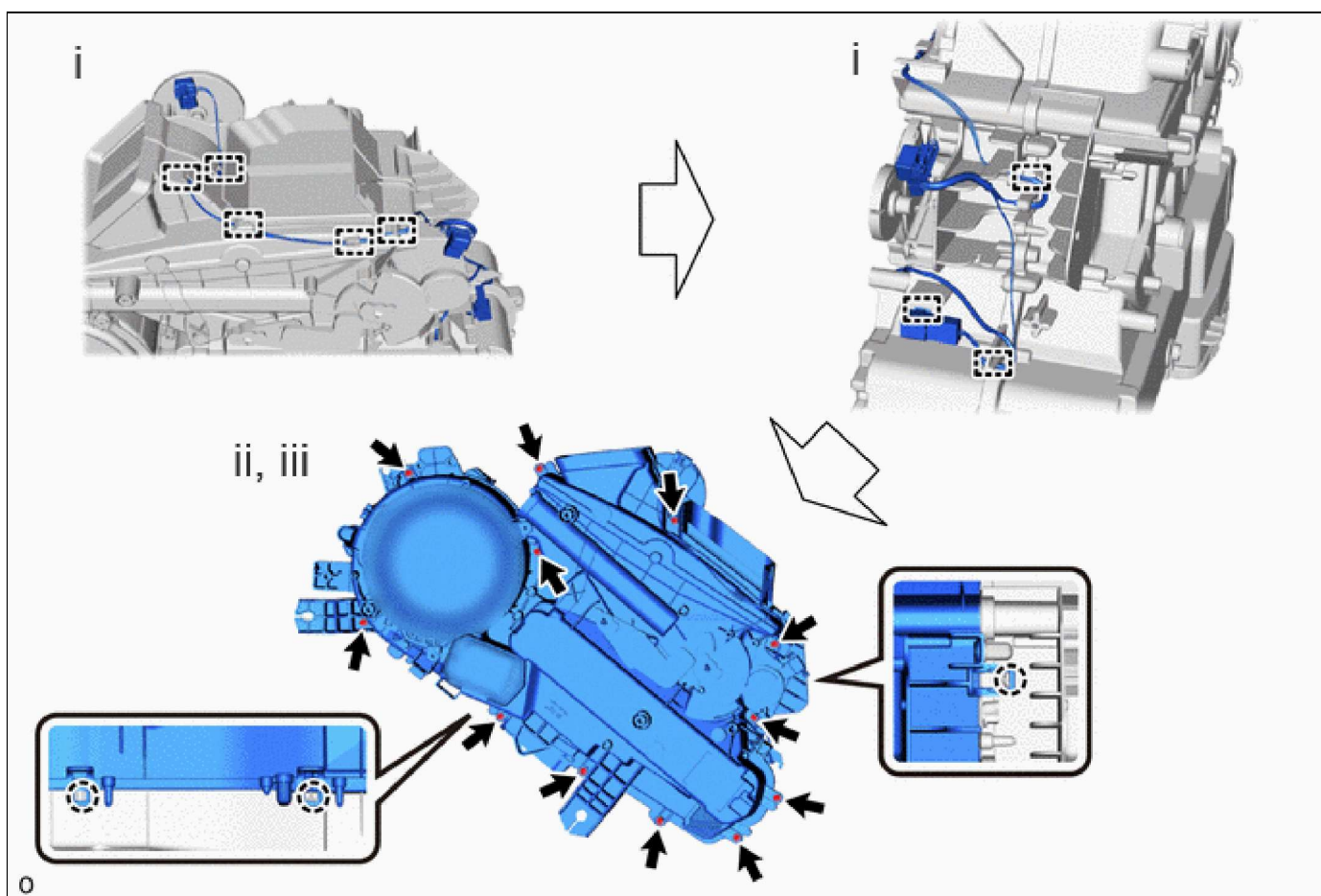
- (2) Detach the claw and roll up the heater clamp enough so that the heater radiator unit sub-assembly can be removed.
- (3) Detach the clamp and remove the heater radiator unit sub-assembly as shown in the illustration.

#### 14. REMOVE HEATER CLAMP

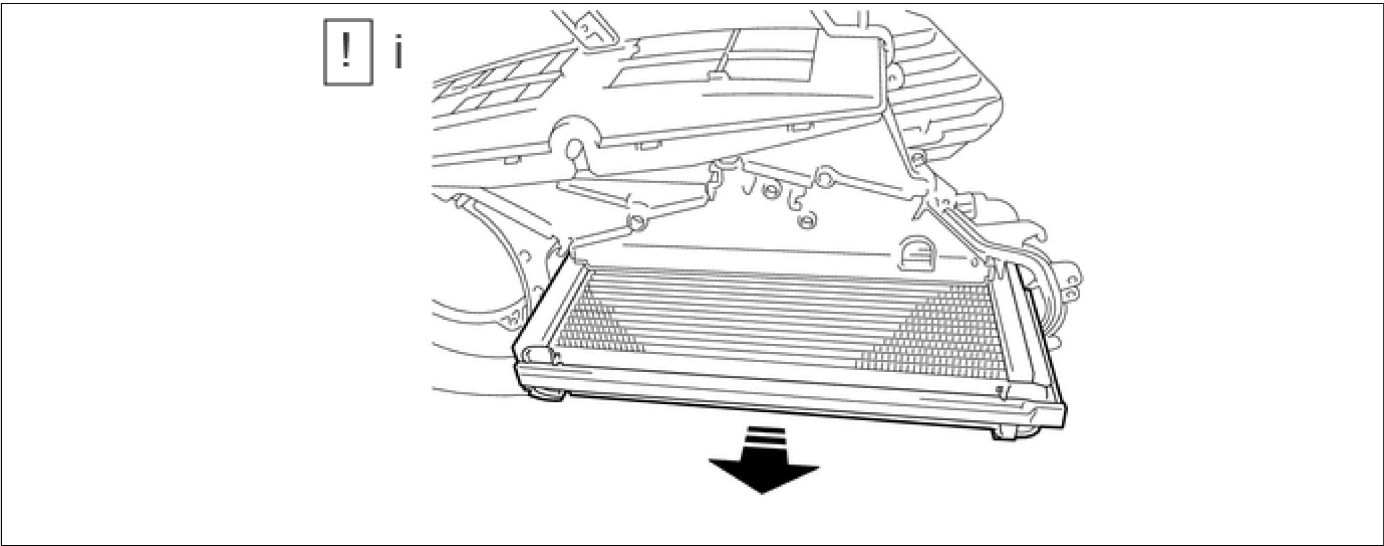



	Remove in this Direction	-	-
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#### 15. REMOVE EVAPORATOR SUB-ASSEMBLY (REAR)



- (1) Detach the clamp.
- (2) Remove the 12 screws.
- (3) Detach the claw and remove the cooling unit case LH.



	Remove in this Direction	-	-
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(1) Remove the evaporator sub-assembly (rear) as shown in the illustration.

**NOTICE:**  
Seal the openings of the disconnected parts using vinyl tape to prevent the entry of moisture and foreign matter.

**16. REMOVE NO. 2 COOLER WIRING HARNESS SUB-ASSEMBLY**

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