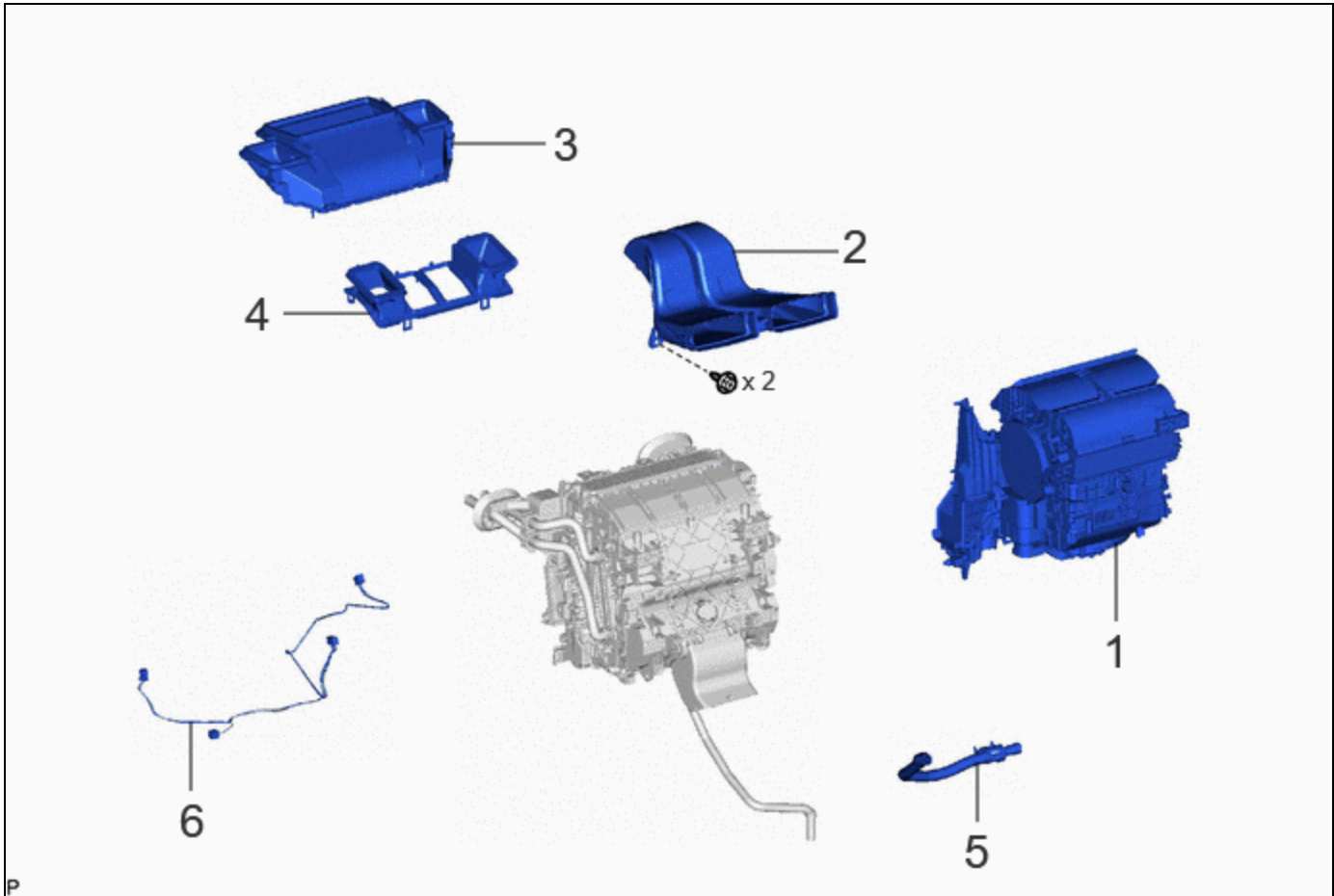


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002AXF6
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HEATING / AIR CONDITIONING: AIR CONDITIONING UNIT: DISASSEMBLY; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

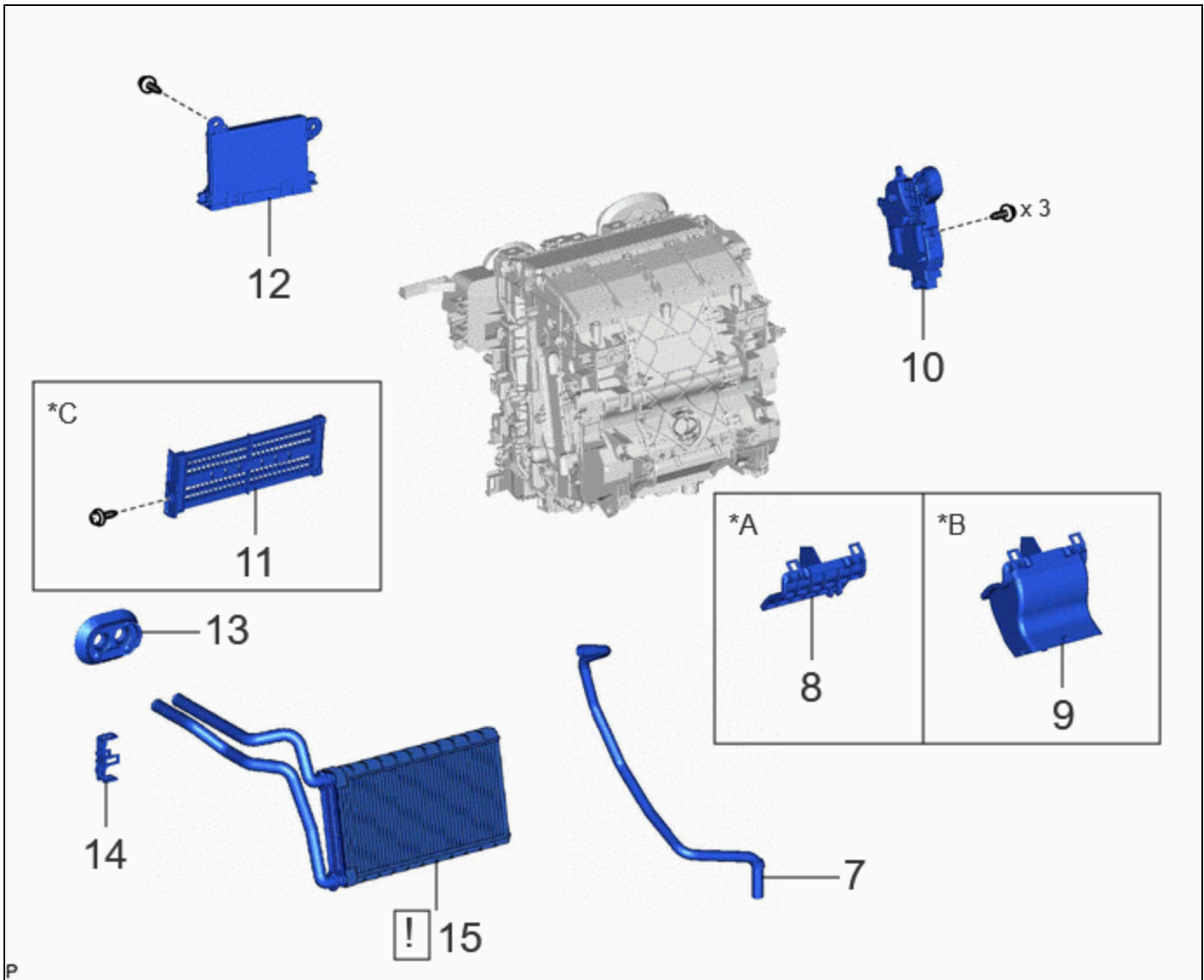
DISASSEMBLY

CAUTION / NOTICE / HINT

COMPONENTS (DISASSEMBLY)

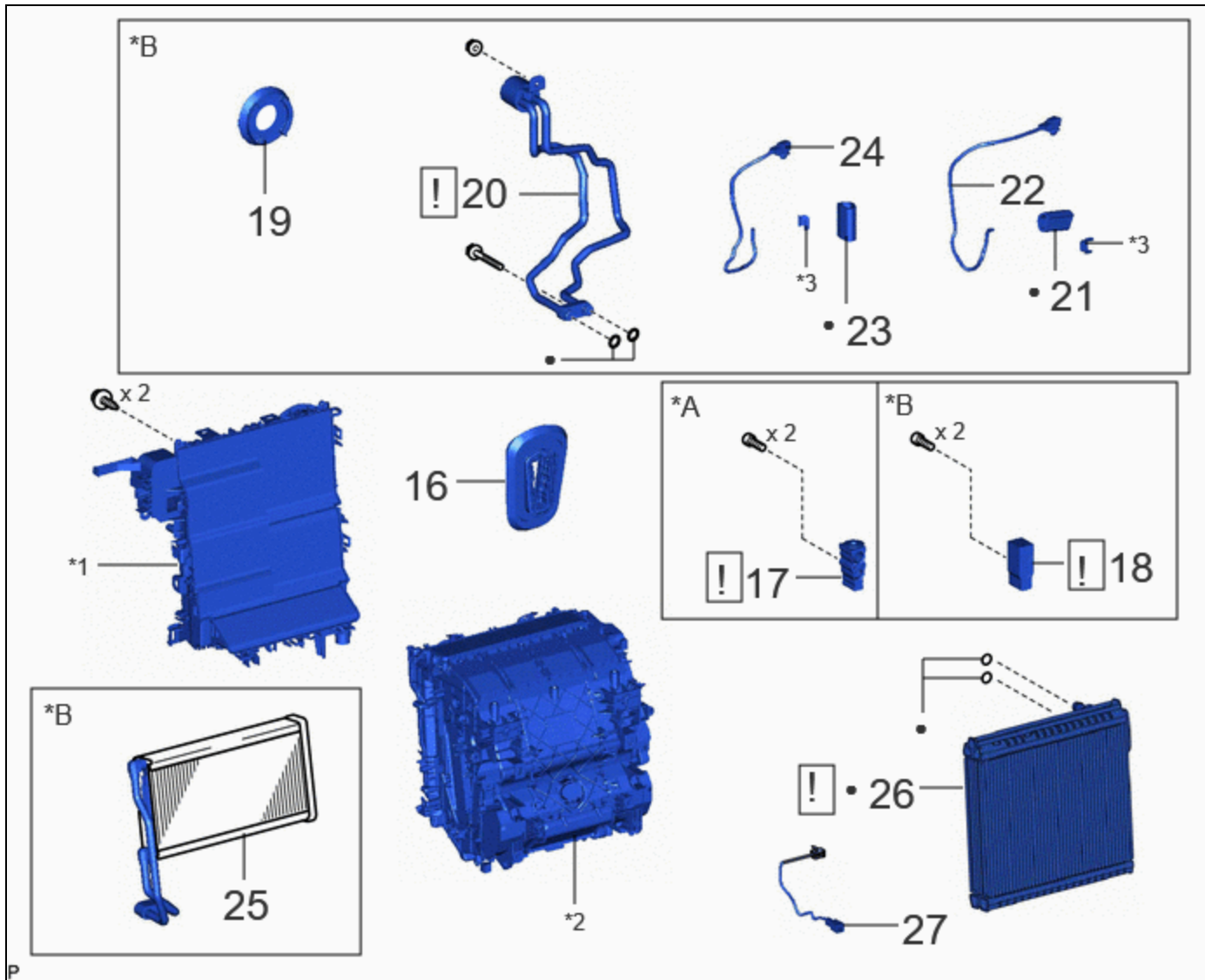


PROCEDURE		PART NAME CODE			
1	BLOWER ASSEMBLY	87130D	-	-	-
2	NO. 3 HEATER TO REGISTER DUCT SUB-ASSEMBLY	55086	-	-	-
3	LOWER DEFROSTER NOZZLE ASSEMBLY	55990B	-	-	-
4	LOWER DEFROSTER NOZZLE	55967B	-	-	-
5	ASPIRATOR	88897P	-	-	-
6	AIR CONDITIONING HARNESS ASSEMBLY	82210K	-	-	-






PROCEDURE		PART NAME CODE			
7	DRAIN COOLER HOSE	88539J	-	-	-
8	COVER	88482A	-	-	-
9	AIR DUCT	87413	-	-	-
10	NO. 1 AIR CONDITIONING RADIATOR DAMPER SERVO SUB-ASSEMBLY	87050C	-	-	-
11	HEATER COVER	87114B	-	-	-
12	AIR CONDITIONING AMPLIFIER ASSEMBLY	88650N	-	-	-
13	HEATER PIPE GROMMET	88897M	-	-	-
14	HEATER CLAMP	87124C	-	-	-
15	HEATER RADIATOR UNIT SUB-ASSEMBLY	87107A	INFO	-	-

*A	w/o Rear Air Duct	*B	w/ Rear Air Duct
*C	for HEV Model	-	-



PROCEDURE		PART NAME CODE	!	📄	⚙️
16	COOLER PIPE GROMMET	88899K	-	-	-
17	COOLER EXPANSION VALVE	88515	INFO	-	-
18	CONNECTOR TUBE	-	INFO	-	-
19	COOLING UNIT PARTS	88899L	-	-	-
20	NO. 1 DISCHARGE TUBE	88715M	INFO	-	-
21	NO. 1 COOLING UNIT PACKING	88578B	-	-	-
22	INTERNAL CONDENSER TEMPERATURE SENSOR	88620H	-	-	-
23	NO. 1 COOLING UNIT PACKING	88578B	-	-	-

PROCEDURE		PART NAME CODE			
24	DISCHARGE TEMPERATURE SENSOR	88620J	-	-	-
25	CONDENSER ASSEMBLY	88460Q	-	-	-
26	NO. 1 COOLER EVAPORATOR SUB-ASSEMBLY	88501	INFO	-	-
27	NO. 1 COOLER THERMISTOR	88625	-	-	-

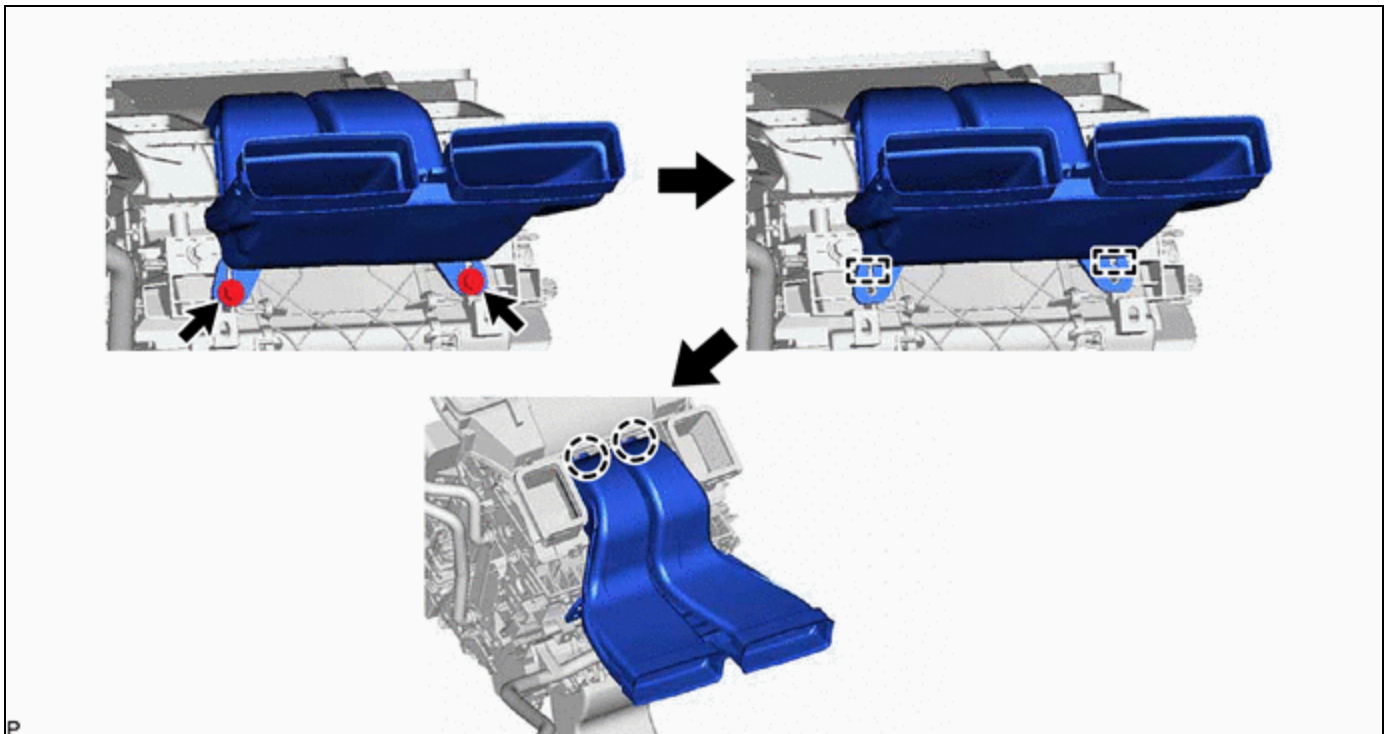
*A	for HEV Model	*B	for PHEV Model
*1	UPPER HEATER CASE	*2	LOWER HEATER CASE
*3	CLAMP	-	-
•	Non-reusable part	-	-

PROCEDURE

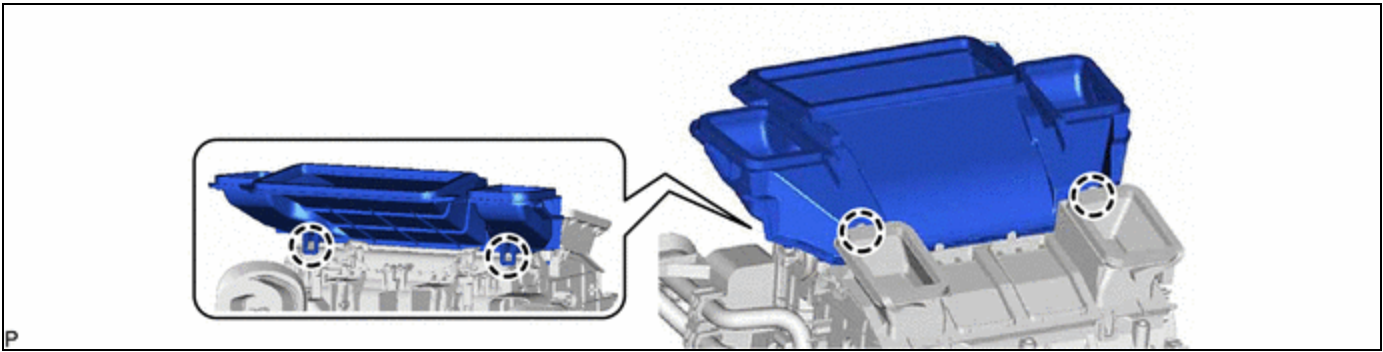
1. REMOVE BLOWER ASSEMBLY

Click here [INFO](#)

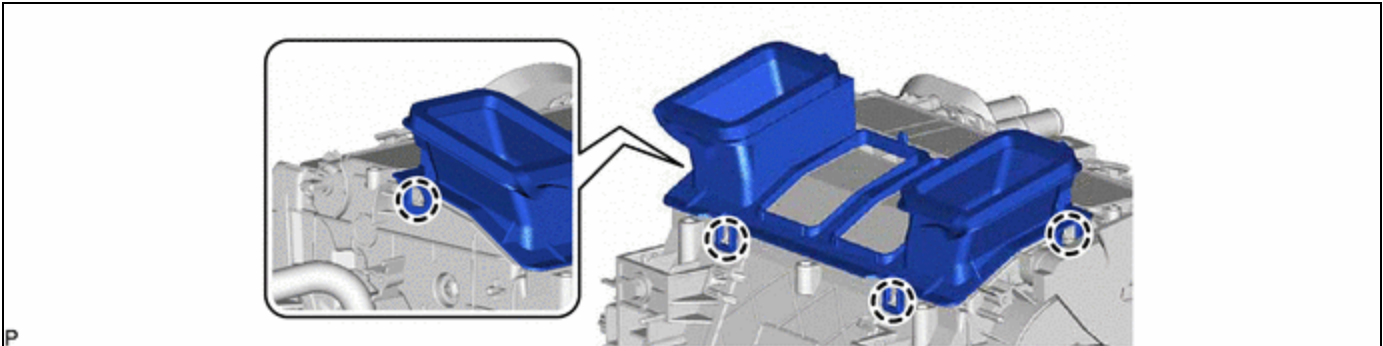
2. REMOVE NO. 3 HEATER TO REGISTER DUCT SUB-ASSEMBLY



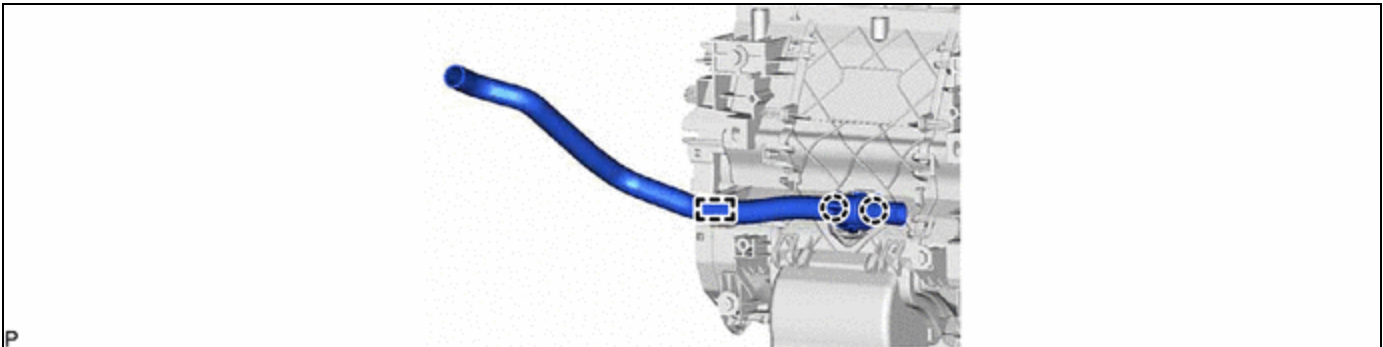
3. REMOVE LOWER DEFROSTER NOZZLE ASSEMBLY



4. REMOVE LOWER DEFROSTER NOZZLE

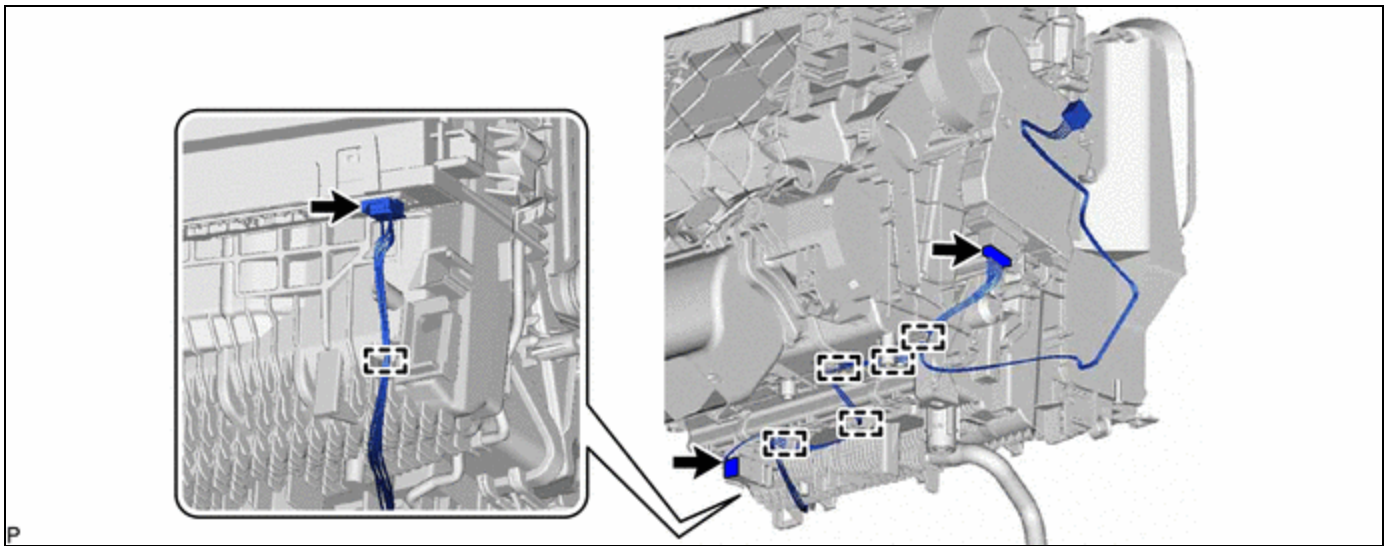


5. REMOVE ASPIRATOR

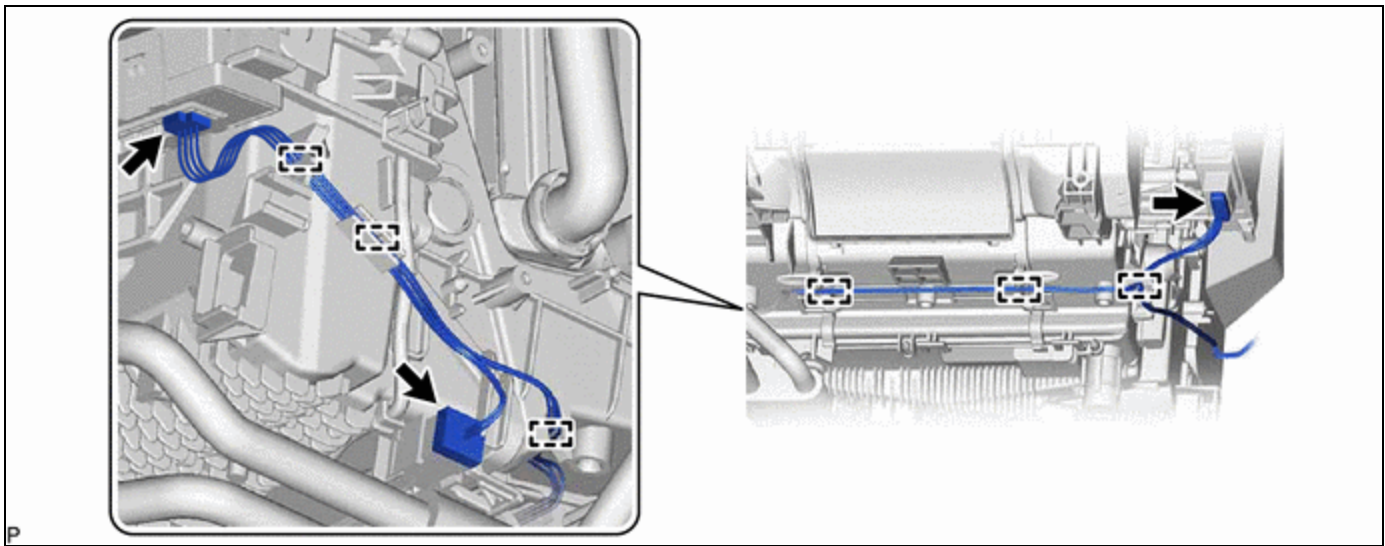


6. REMOVE AIR CONDITIONING HARNESS ASSEMBLY

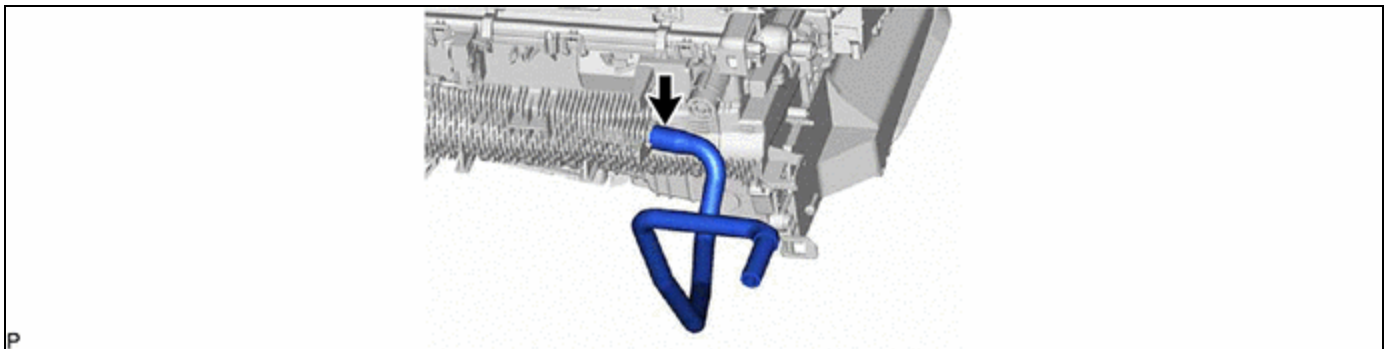
(a) for HEV Model:



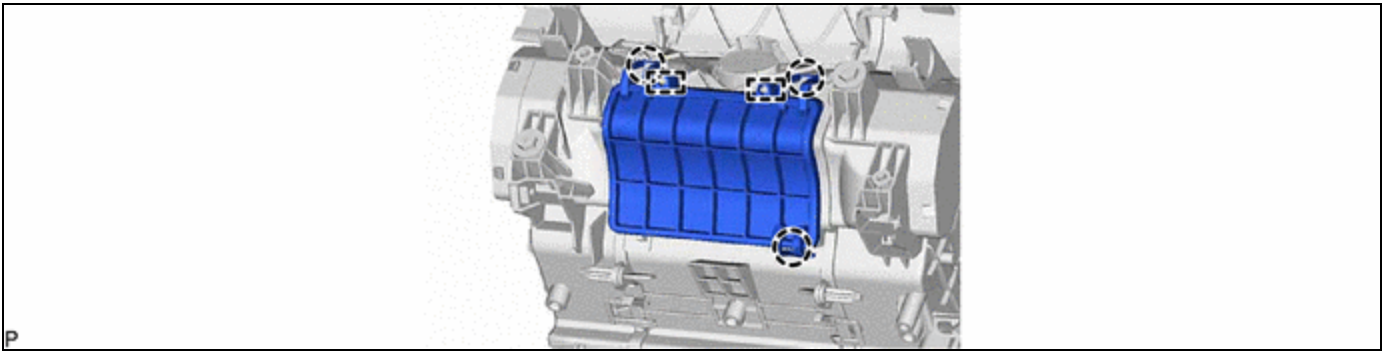
(b) for PHEV Model:



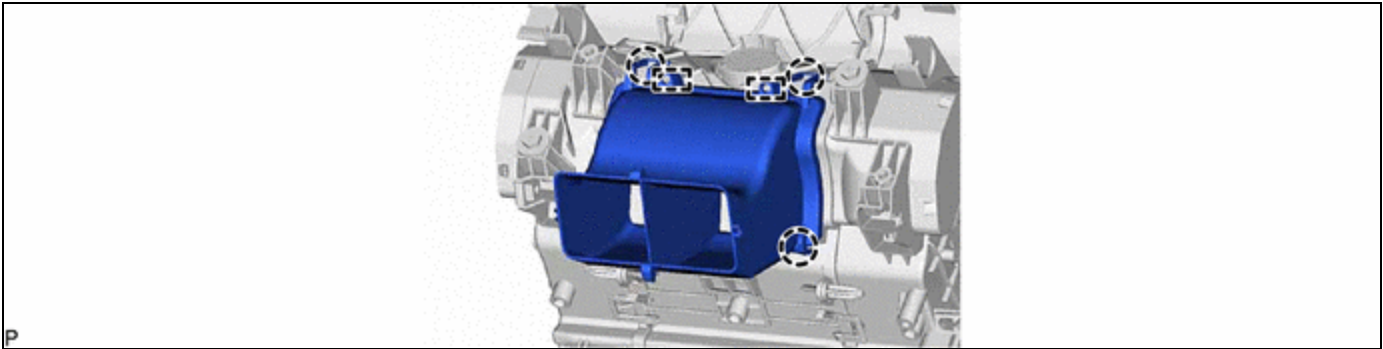
7. REMOVE DRAIN COOLER HOSE



8. REMOVE COVER (w/o Rear Air Duct)



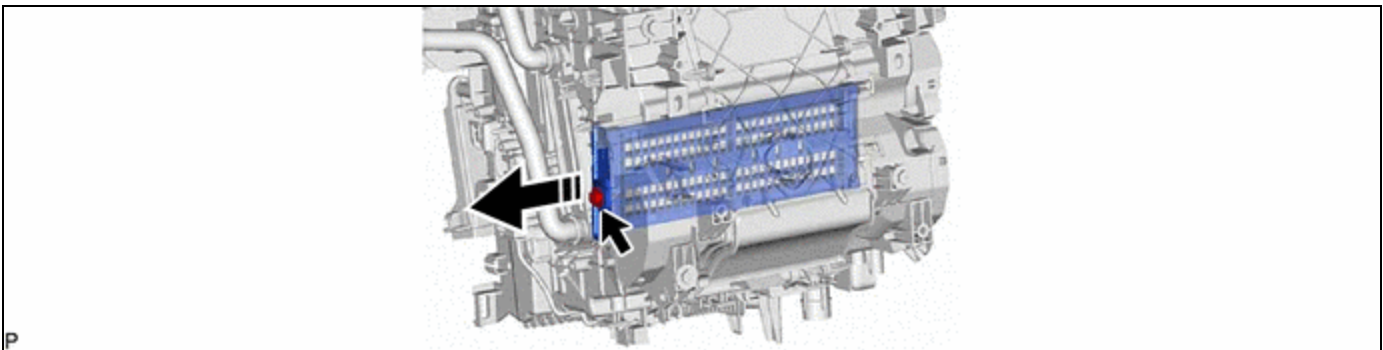
9. REMOVE AIR DUCT (w/ Rear Air Duct)



10. REMOVE NO. 1 AIR CONDITIONING RADIATOR DAMPER SERVO SUB-ASSEMBLY

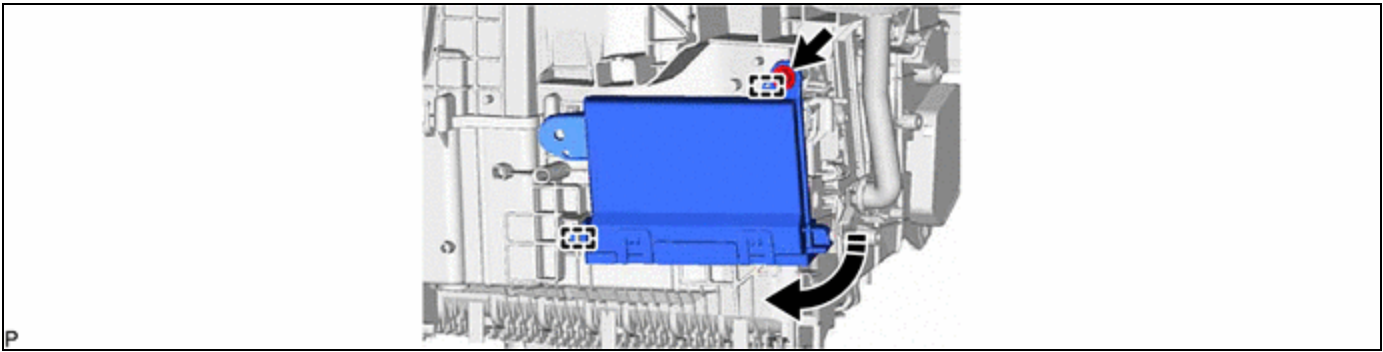


11. REMOVE HEATER COVER (for HEV Model)



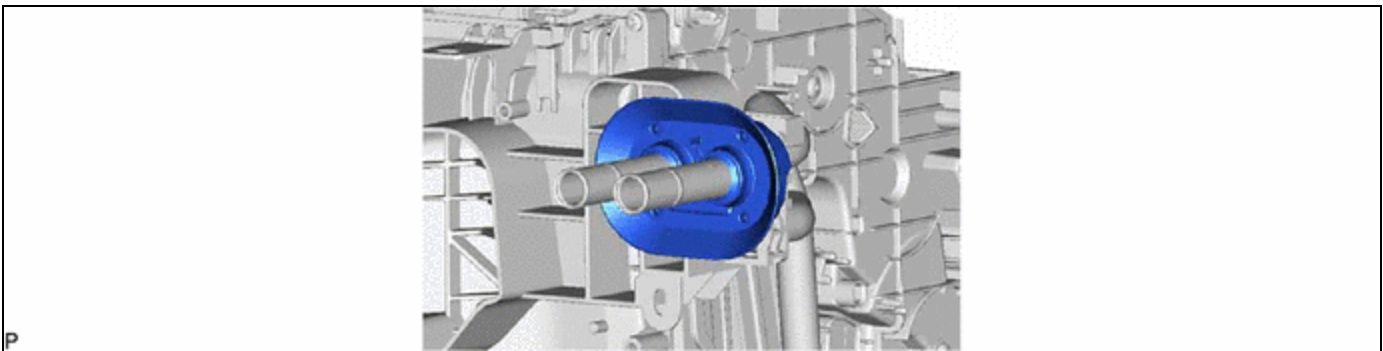
	Remove in this Direction	-	-
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12. REMOVE AIR CONDITIONING AMPLIFIER ASSEMBLY

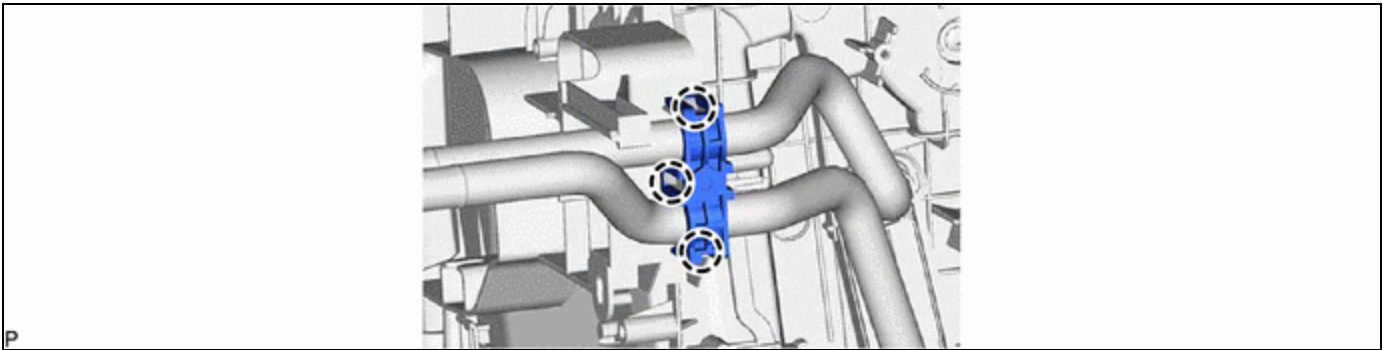


	Remove in this Direction	-	-
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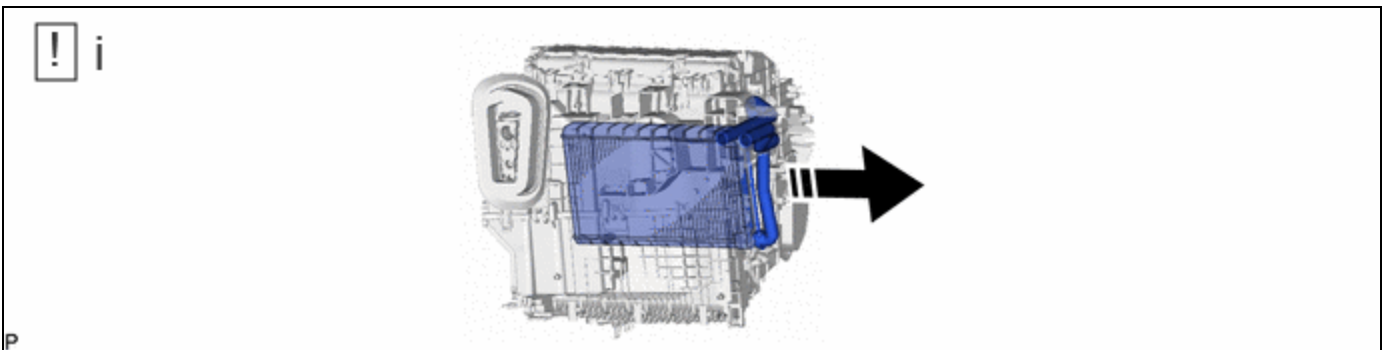
13. REMOVE HEATER PIPE GROMMET

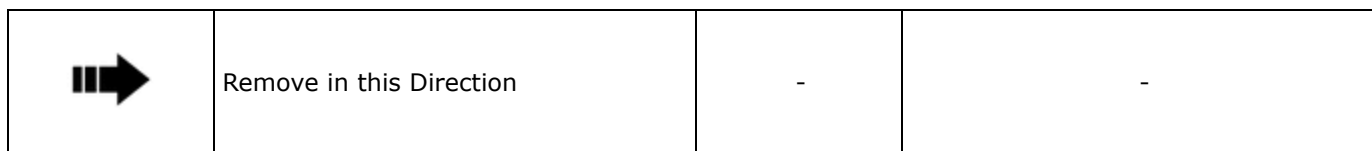


14. REMOVE HEATER CLAMP



15. REMOVE HEATER RADIATOR UNIT SUB-ASSEMBLY





(1) Remove the heater radiator unit sub-assembly as shown in the illustration.

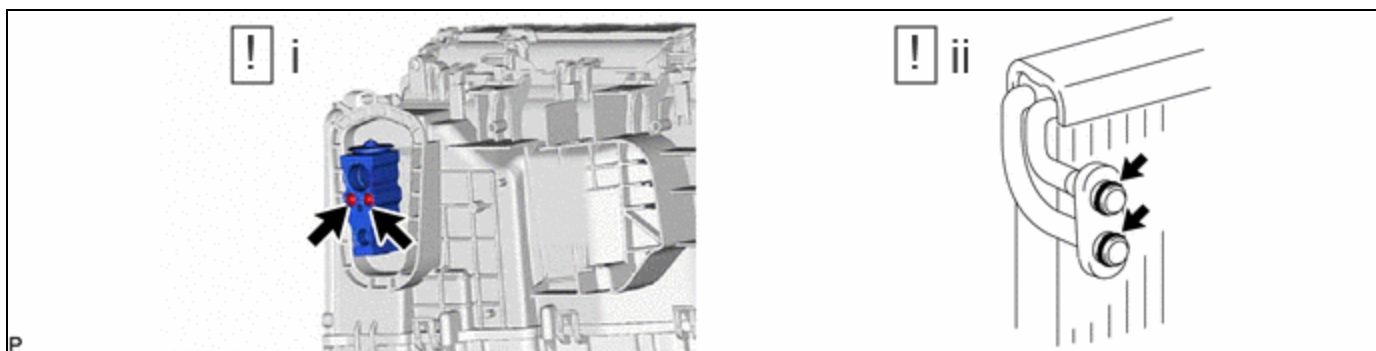
NOTICE:

Prepare a drain pan or cloth in case the coolant leaks.

16. REMOVE COOLER PIPE GROMMET



17. REMOVE COOLER EXPANSION VALVE (for HEV Model)



- (1) Using a 4 mm hexagon socket wrench, remove the 2 hexagon bolts and cooler expansion valve.
- (2) Remove the 2 O-rings from the No. 1 cooler evaporator sub-assembly.

NOTICE:

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

18. REMOVE CONNECTOR TUBE (for PHEV Model)



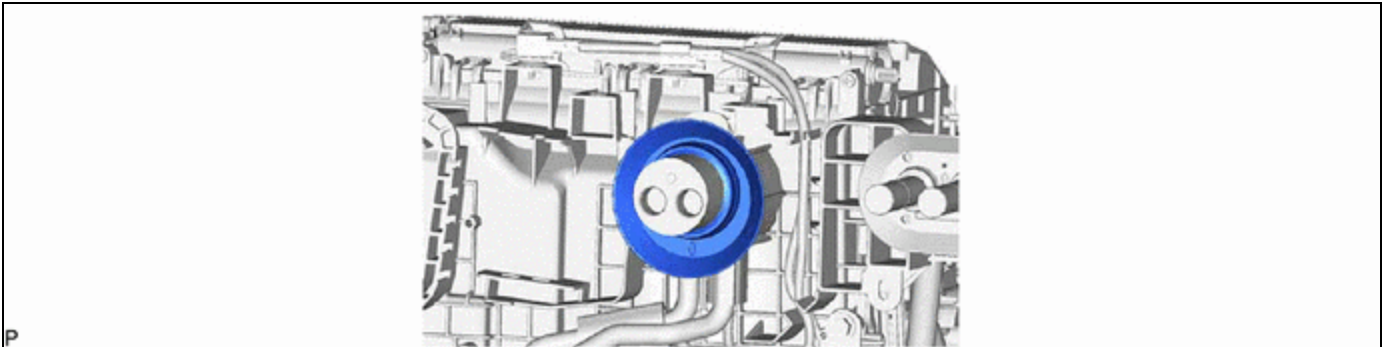
- (1) Using a 4 mm hexagon socket wrench, remove the 2 hexagon bolts and connector tube.

(2) Remove the 2 O-rings from the No. 1 cooler evaporator sub-assembly.

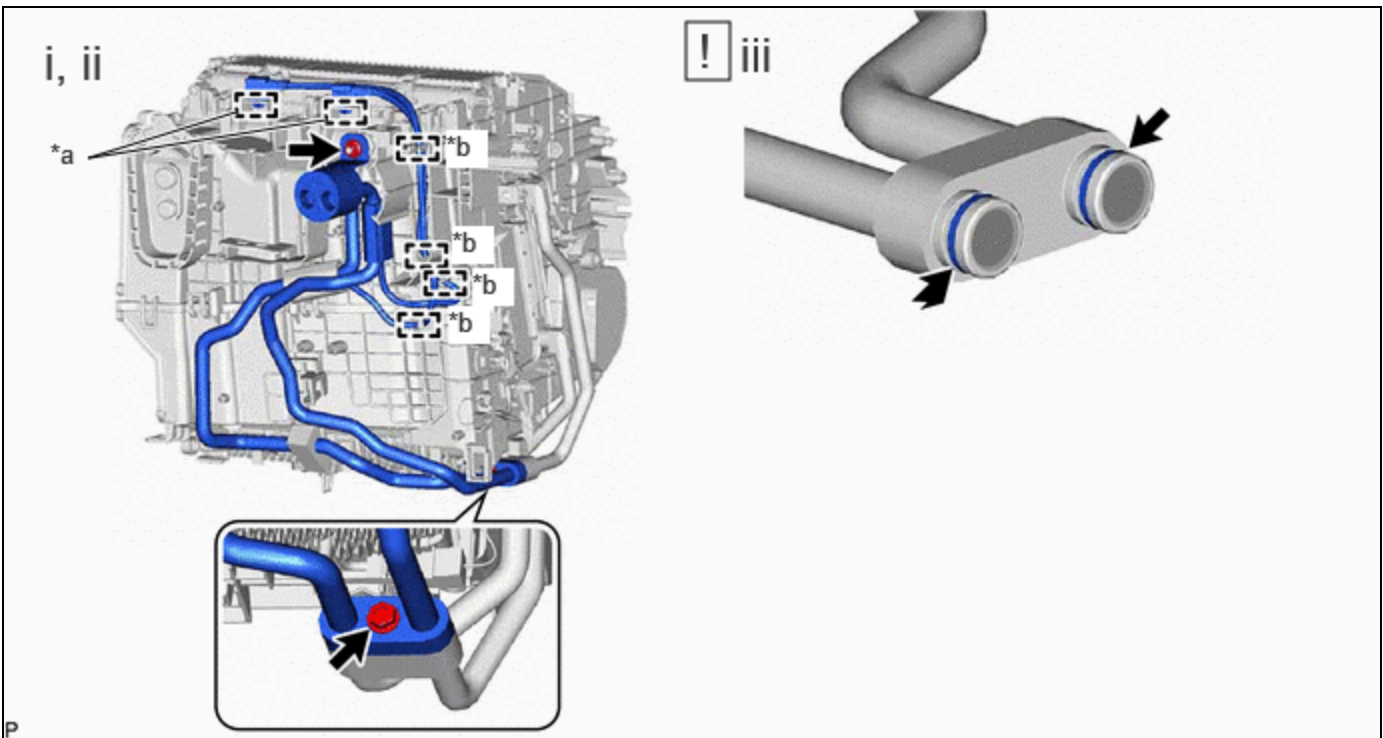
NOTICE:

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

19. REMOVE COOLING UNIT PARTS (for PHEV Model)



20. REMOVE NO. 1 DISCHARGE TUBE (for PHEV Model)



*a	Clamp	*b	Guide
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- (1) Disengage the 2 clamps and 4 guides.
- (2) Remove the bolt and nut, and No. 1 discharge tube.
- (3) Remove the 2 O-rings from the No. 1 discharge tube.

NOTICE:

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

21. REMOVE NO. 1 COOLING UNIT PACKING (for PHEV Model)

Click here [INFO](#)

22. REMOVE INTERNAL CONDENSER TEMPERATURE SENSOR (for PHEV Model)

Click here [INFO](#)

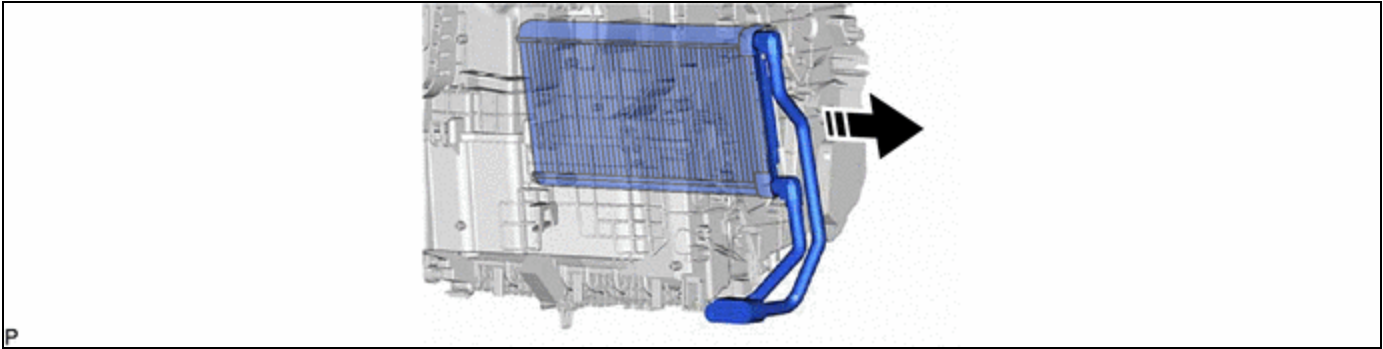
23. REMOVE NO. 1 COOLING UNIT PACKING (for PHEV Model)


Click here [INFO](#)

24. REMOVE DISCHARGE TEMPERATURE SENSOR (for PHEV Model)

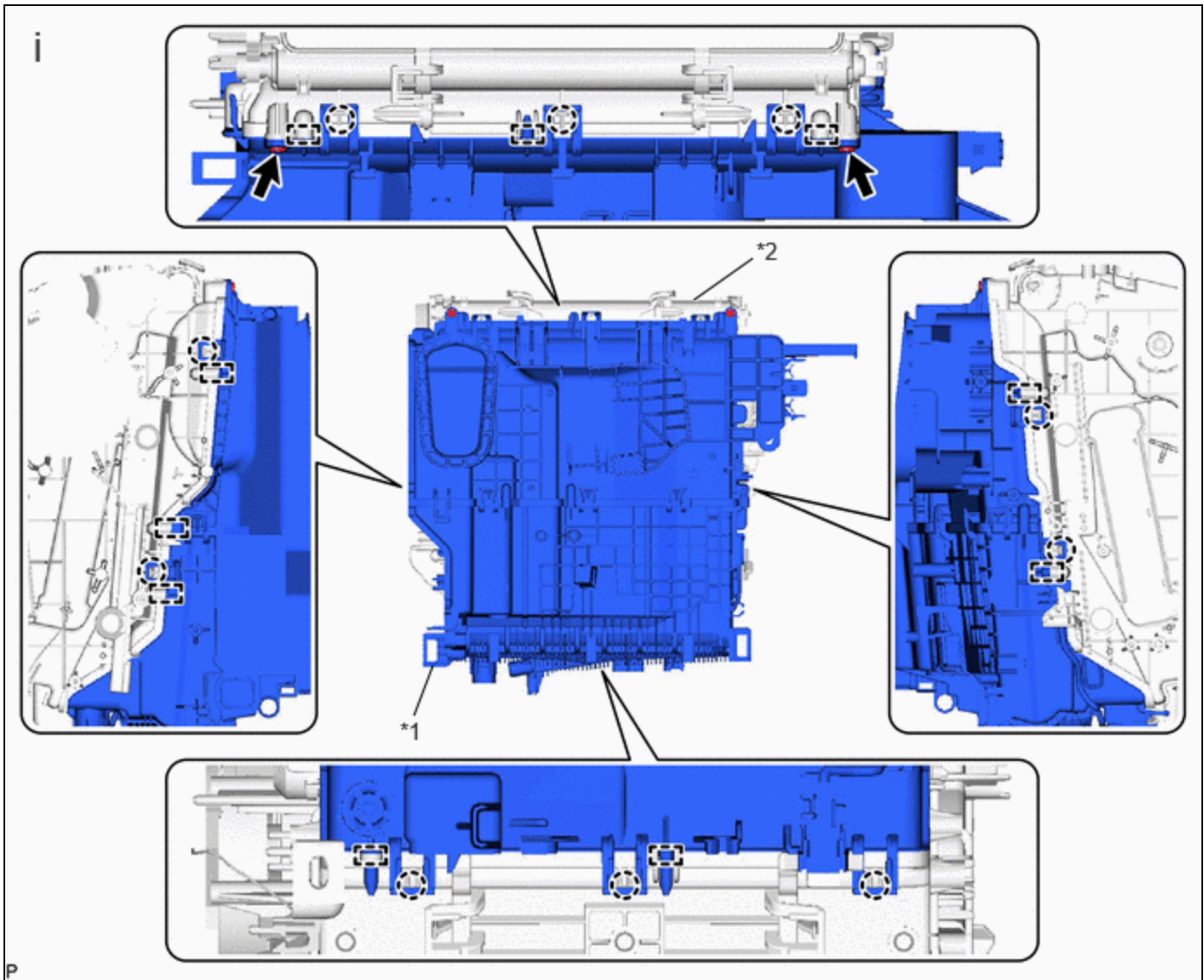
Click here [INFO](#)

25. REMOVE CONDENSER ASSEMBLY (for PHEV Model)



	Remove in this Direction	-	-
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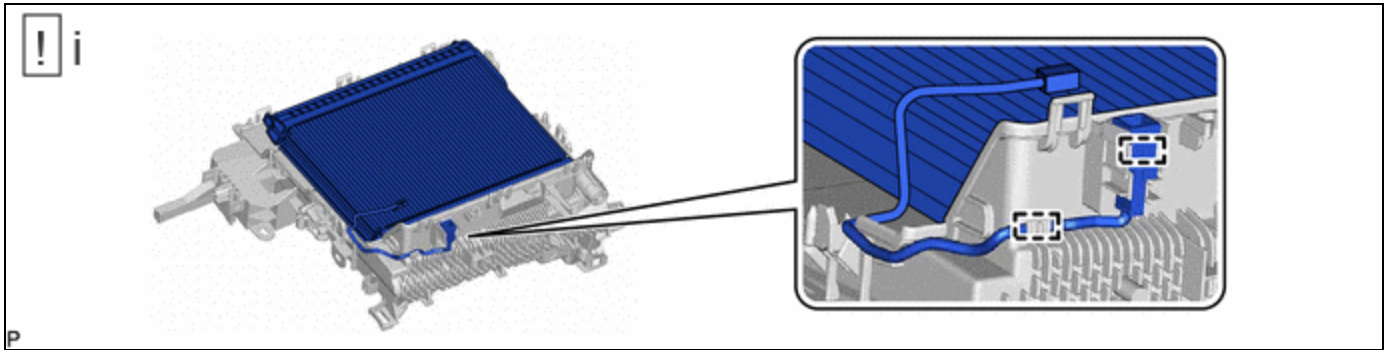
26. REMOVE NO. 1 COOLER EVAPORATOR SUB-ASSEMBLY



*1	Upper Heater Case	*2	Lower Heater Case
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(1) Remove the 2 screws and disengage the 10 claws and 10 guides to remove the upper heater case with No. 1 cooler evaporator sub-assembly from the lower heater case.

(b) for HEV Model:

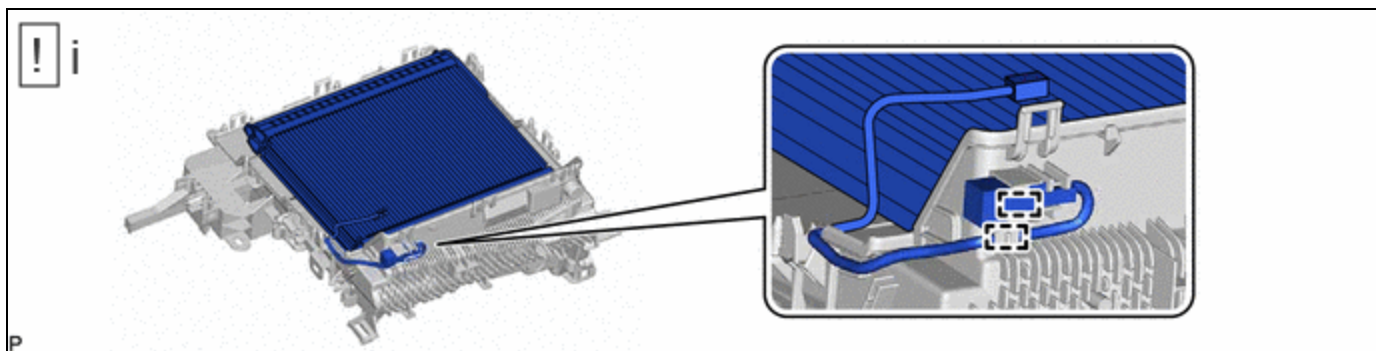


(1) Disengage the 2 clamps and remove the No. 1 cooler evaporator sub-assembly with No. 1 cooler thermistor from the upper heater case.

NOTICE:

When the No. 1 cooler evaporator sub-assembly is removed, make sure to install a new one. The No. 1 cooler evaporator sub-assembly cannot be reused.

(c) for PHEV Model:



- (1) Disengage the 2 clamps and remove the No. 1 cooler evaporator sub-assembly with No. 1 cooler thermistor from the upper heater case.

NOTICE:

When the No. 1 cooler evaporator sub-assembly is removed, make sure to install a new one. The No. 1 cooler evaporator sub-assembly cannot be reused.

27. REMOVE NO. 1 COOLER THERMISTOR

Click here [INFO](#)

