

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM1000000029ZW1
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> HEATING / AIR CONDITIONING: CONDENSER (for HEV Model): REMOVAL; 2023 - 2024 MY Prius [12/2022 - ]		

## REMOVAL

### CAUTION / NOTICE / HINT

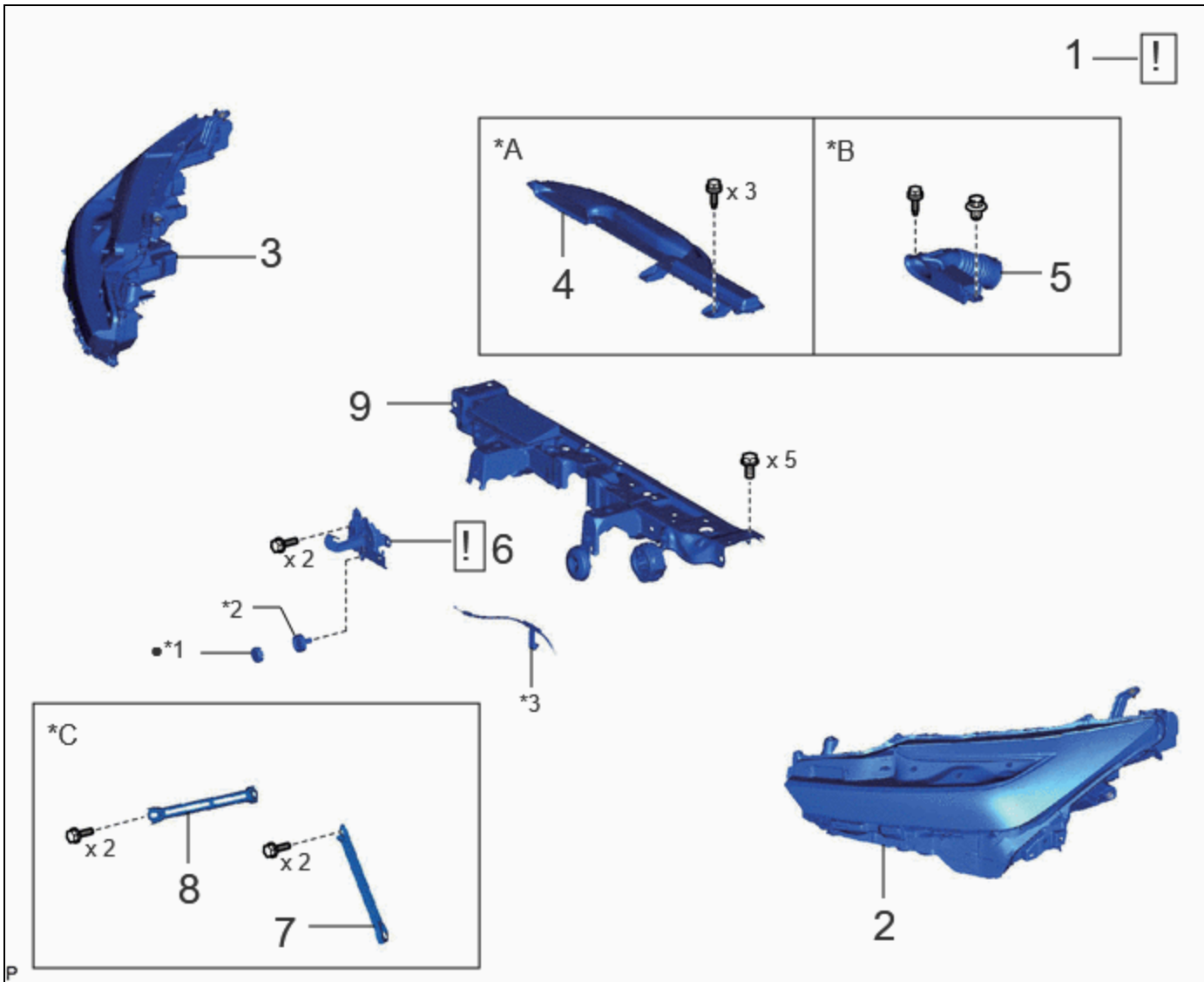
The necessary procedures (adjustment, calibration, initialization or registration) that must be performed after parts are removed and installed, or replaced during condenser removal/installation are shown below.

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

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURES	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	LINK
Front bumper assembly*	Front television camera view adjustment	Panoramic View Monitor System	<a href="#">INFO</a>
		Advanced Park	<a href="#">INFO</a>
*: Even when not replacing the part, it is necessary to perform the specified necessary procedures after installation.			

### CAUTION / NOTICE / HINT

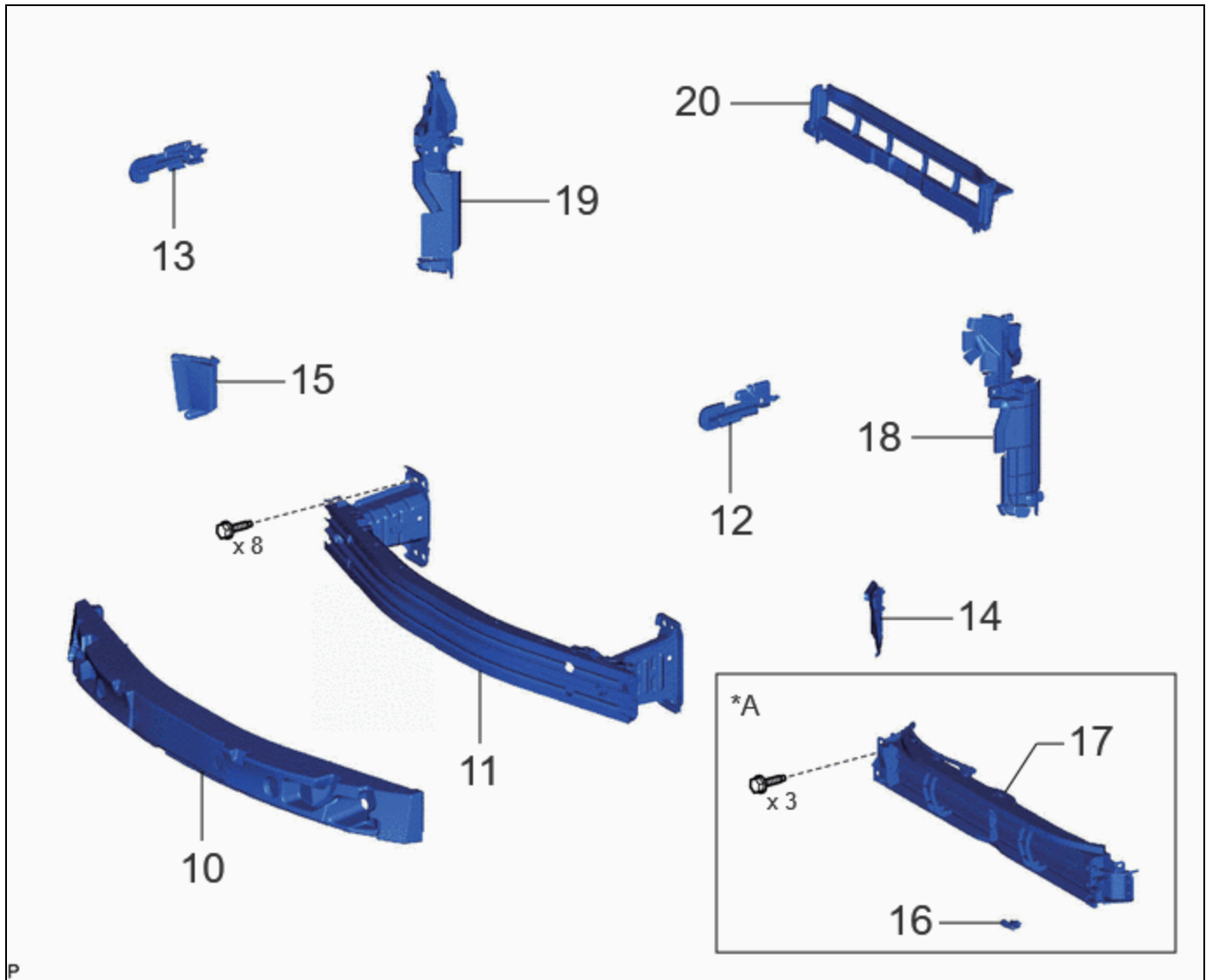
#### **COMPONENTS (REMOVAL)**






PROCEDURE		PART NAME CODE			
1	RECOVER REFRIGERANT FROM REFRIGERATION SYSTEM	-	<a href="#">INFO</a>	-	-
2	HEADLIGHT ASSEMBLY LH	-	-	-	-
3	HEADLIGHT ASSEMBLY RH	-	-	-	-
4	INLET NO. 1 AIR CLEANER	17751	-	-	-
5	INLET NO. 2 AIR CLEANER	17752	-	-	-
6	HOOD LOCK ASSEMBLY	53510	<a href="#">INFO</a>	-	-
7	UPPER RADIATOR MOUNTING BRACKET LH	53254A	-	-	-
8	UPPER RADIATOR MOUNTING BRACKET RH	53253D	-	-	-
9	UPPER RADIATOR SUPPORT SUB-ASSEMBLY	53205	-	-	-

*A	for M20A-FXS	*B	for 2ZR-FXE
----	--------------	----	-------------

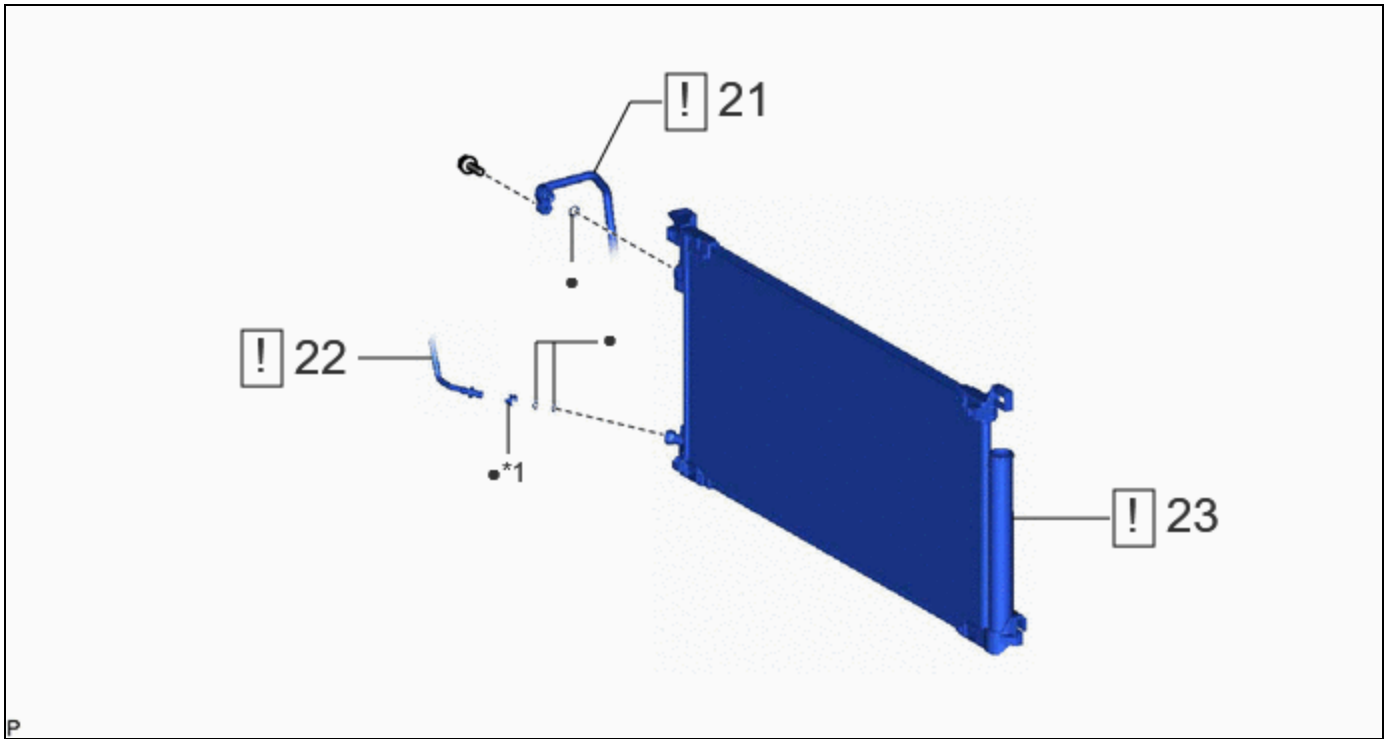
*C	w/ Bracket	-	-
*1	HOOD LOCK NUT CAP	*2	HOOD LOCK BOLT
*3	HOOD LOCK CONTROL CABLE ASSEMBLY	-	-






PROCEDURE		PART NAME CODE			
10	FRONT BUMPER ENERGY ABSORBER	52611	-	-	-
11	FRONT BUMPER REINFORCEMENT	-	-	-	-
12	NO. 3 RADIATOR TO SUPPORT SEAL	16563C	-	-	-
13	NO. 2 RADIATOR TO SUPPORT SEAL	16562K	-	-	-
14	FRONT RADIATOR SIDE AIR GUIDE PLATE LH	16695A	-	-	-
15	FRONT RADIATOR SIDE AIR GUIDE PLATE RH	16691A	-	-	-
16	THERMISTOR ASSEMBLY	88790B	-	-	-
17	RADIATOR SHUTTER ASSEMBLY	53180D	-	-	-

	PROCEDURE	PART NAME CODE			
18	NO. 1 RADIATOR AIR GUIDE LH	16595B	-	-	-
19	NO. 1 RADIATOR AIR GUIDE RH	16593B	-	-	-
20	NO. 2 RADIATOR AIR GUIDE	16594A	-	-	-

*A	w/ Grille Shutter	-	-
----	-------------------	---	---



	PROCEDURE	PART NAME CODE			
21	DISCHARGE HOSE SUB-ASSEMBLY	88703	<a href="#">INFO</a>	-	-
22	AIR CONDITIONING TUBE AND ACCESSORY ASSEMBLY	88710E	<a href="#">INFO</a>	-	-
23	COOLER CONDENSER ASSEMBLY	884A0	<a href="#">INFO</a>	-	-

*1	PIPING CLAMP	-	-
•	Non-reusable part	-	-

## PROCEDURE

### 1. RECOVER REFRIGERANT FROM REFRIGERATION SYSTEM

(a) for HFC-134a (R134a):

Click here [INFO](#)

(b) for HFO-1234yf (R1234yf):

Click here [INFO](#)

## 2. REMOVE HEADLIGHT ASSEMBLY LH

Click here [INFO](#)

## 3. REMOVE HEADLIGHT ASSEMBLY RH

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

## 4. REMOVE INLET NO. 1 AIR CLEANER (for M20A-FXS)

Click here [INFO](#)

## 5. REMOVE INLET NO. 2 AIR CLEANER (for 2ZR-FXE)

Click here [INFO](#)

## 6. REMOVE HOOD LOCK ASSEMBLY



Click here [INFO](#)

## 7. REMOVE UPPER RADIATOR MOUNTING BRACKET LH (w/ Bracket)

Click here [INFO](#)

## 8. REMOVE UPPER RADIATOR MOUNTING BRACKET RH (w/ Bracket)

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

## 9. REMOVE UPPER RADIATOR SUPPORT SUB-ASSEMBLY

(a) for M20A-FXS:

Click here [INFO](#)

(b) for 2ZR-FXE:

Click here [INFO](#)

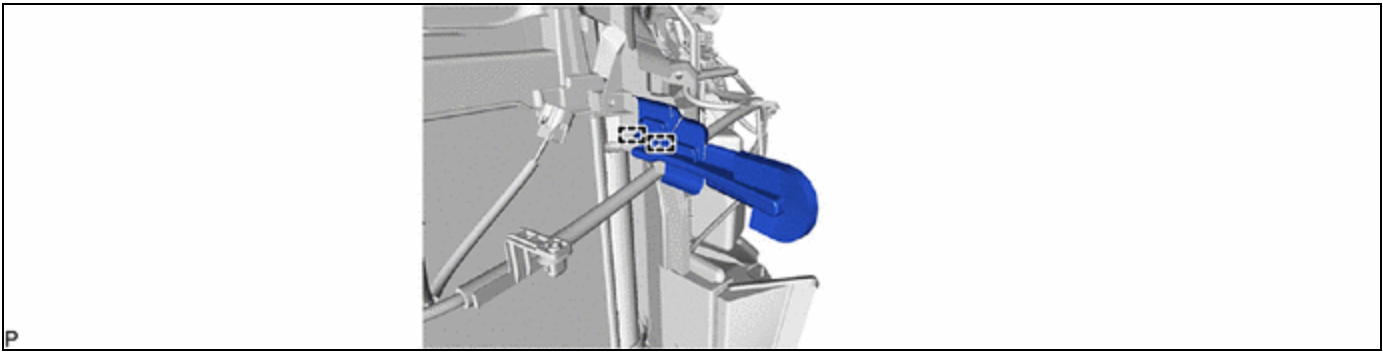
## 10. REMOVE FRONT BUMPER ENERGY ABSORBER

Click here [INFO](#)

## 11. REMOVE FRONT BUMPER REINFORCEMENT

Click here [INFO](#)

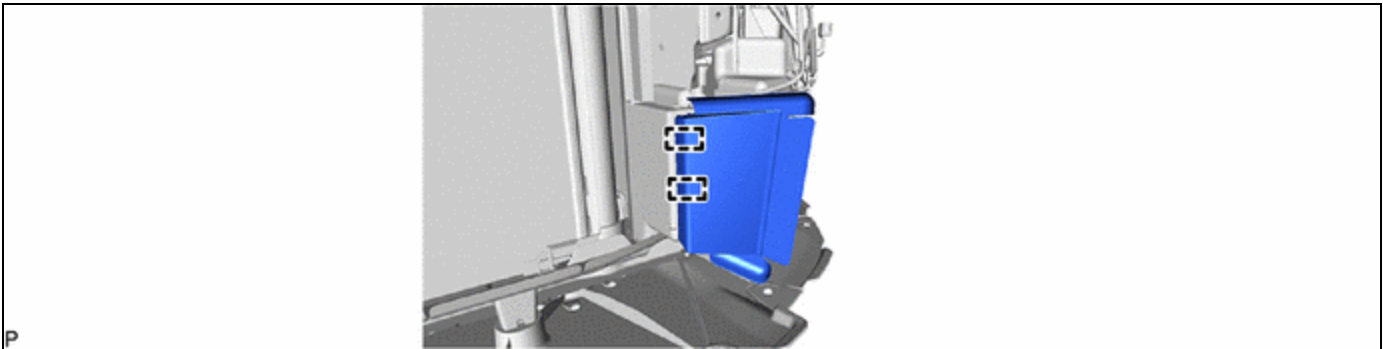
## 12. REMOVE NO. 3 RADIATOR TO SUPPORT SEAL



**13. REMOVE NO. 2 RADIATOR TO SUPPORT SEAL**

(a) Use the same procedure as for the No. 3 radiator to support seal.

**14. REMOVE FRONT RADIATOR SIDE AIR GUIDE PLATE LH**



**15. REMOVE FRONT RADIATOR SIDE AIR GUIDE PLATE RH**

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

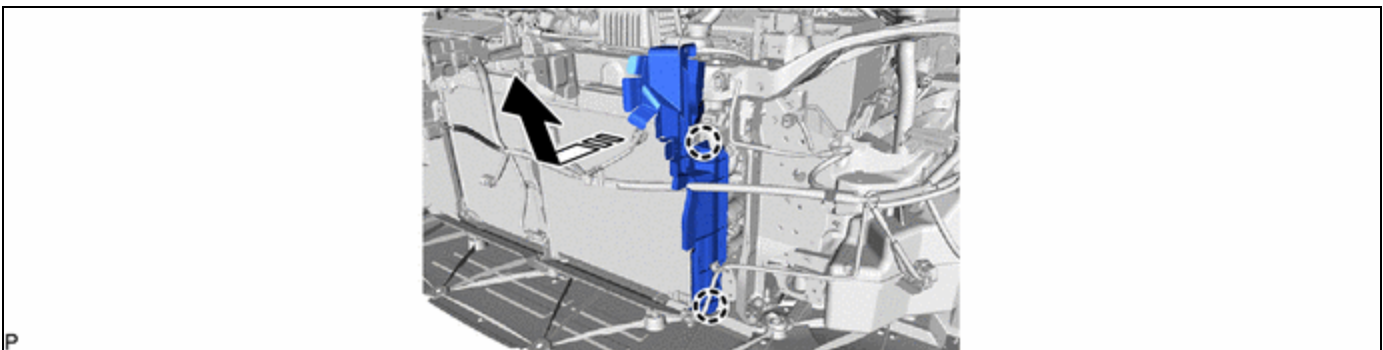
**16. REMOVE THERMISTOR ASSEMBLY (w/ Grille Shutter)**


Click here [INFO](#)

**17. REMOVE RADIATOR SHUTTER ASSEMBLY (w/ Grille Shutter)**

Click here [INFO](#)

**18. REMOVE NO. 1 RADIATOR AIR GUIDE LH**



	Remove in this Direction	-	-
---	--------------------------	---	---

**19. REMOVE NO. 1 RADIATOR AIR GUIDE RH**

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

**20. REMOVE NO. 2 RADIATOR AIR GUIDE**

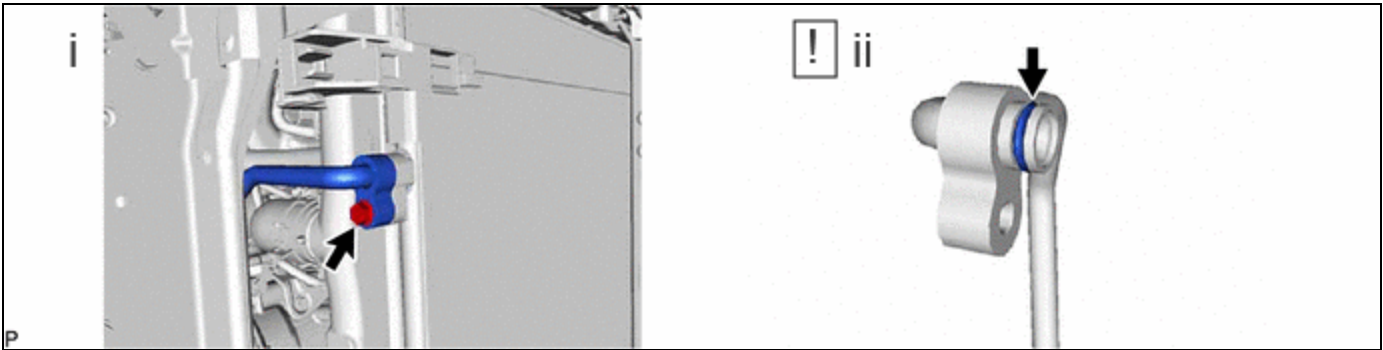
(a) for M20A-FXS:

Click here [INFO](#)

(b) for 2ZR-FXE:

Click here [INFO](#)

**21. DISCONNECT DISCHARGE HOSE SUB-ASSEMBLY**

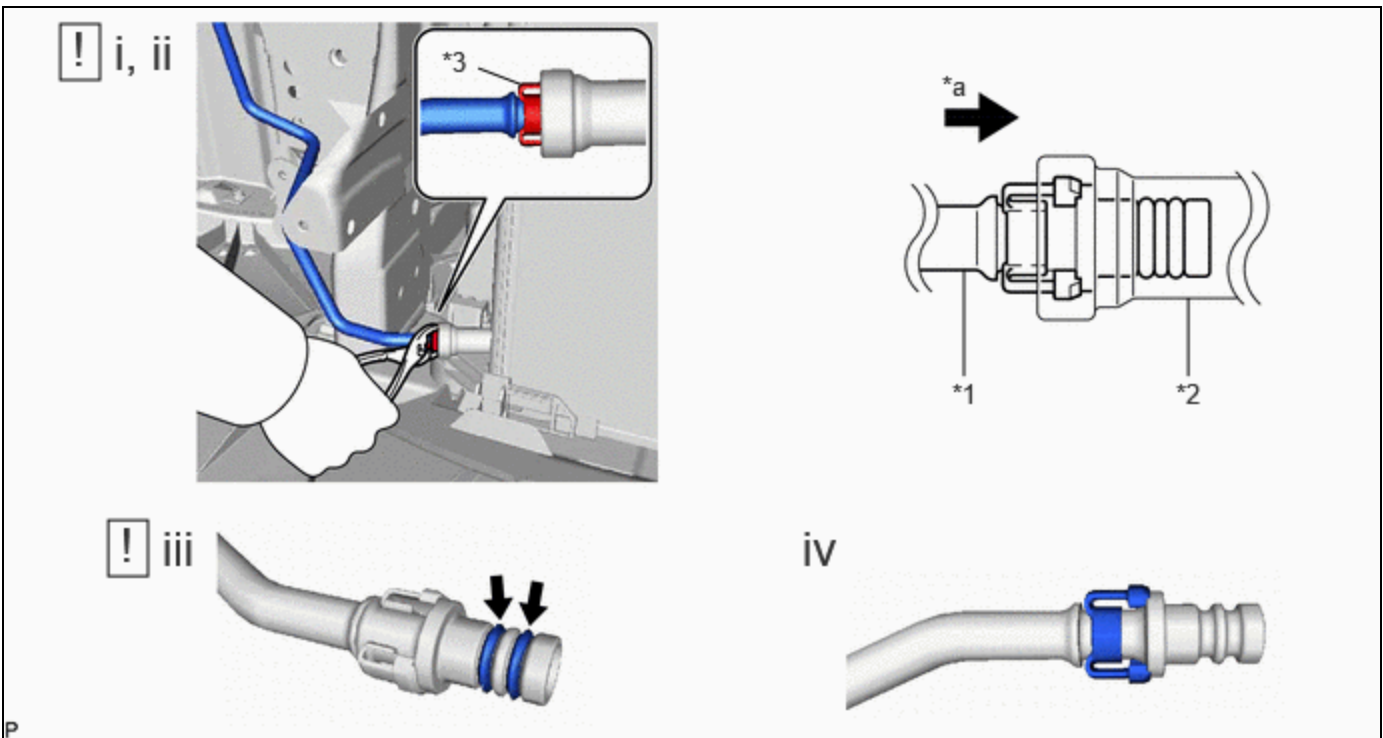


- (1) Remove the bolt and disconnect the discharge hose sub-assembly.
- (2) Remove the O-ring from the discharge hose sub-assembly.

**NOTICE:**

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

**22. DISCONNECT AIR CONDITIONING TUBE AND ACCESSORY ASSEMBLY**



*1	Air Conditioning Tube And Accessory Assembly	*2	Cooler Condenser Assembly
*3	Piping Clamp	-	-

*a	Press In	-	-
----	----------	---	---

(1) While pressing the end of the air conditioning tube and accessory assembly into the end of the cooler condenser assembly, use pliers to squeeze together both sides of the piping clamp until it breaks apart.

**NOTICE:**

- If any foreign matter is attached to the connecting parts, brush it off or use compressed air to remove it before disconnecting the parts.
- Make sure that fragments of the piping clamp do not enter the piping.

(2) Disconnect the air conditioning tube and accessory assembly.

**NOTICE:**

Remove any foreign matter from the connecting parts of the air conditioning tube and accessory assembly and cooler condenser assembly.

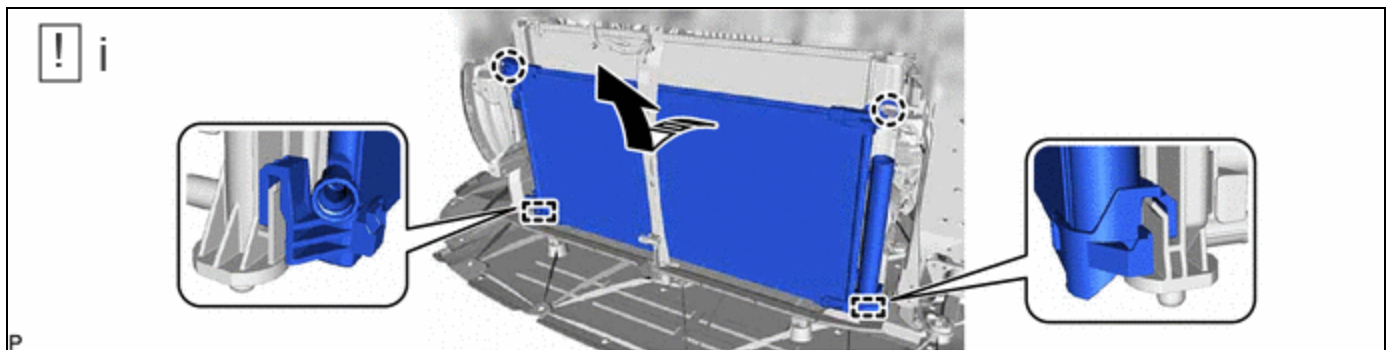
(3) Remove the 2 O-rings from the air conditioning tube and accessory assembly.

**NOTICE:**

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

(4) Remove the piping clamp.

**23. REMOVE COOLER CONDENSER ASSEMBLY**



	Remove in this Direction	-	-
--	--------------------------	---	---

(1) Disengage the 2 claws and 2 guides, and remove the cooler condenser assembly as shown in the illustration.

**NOTICE:**

Do not damage the cooler condenser assembly and radiator assembly when removing the cooler condenser assembly.

