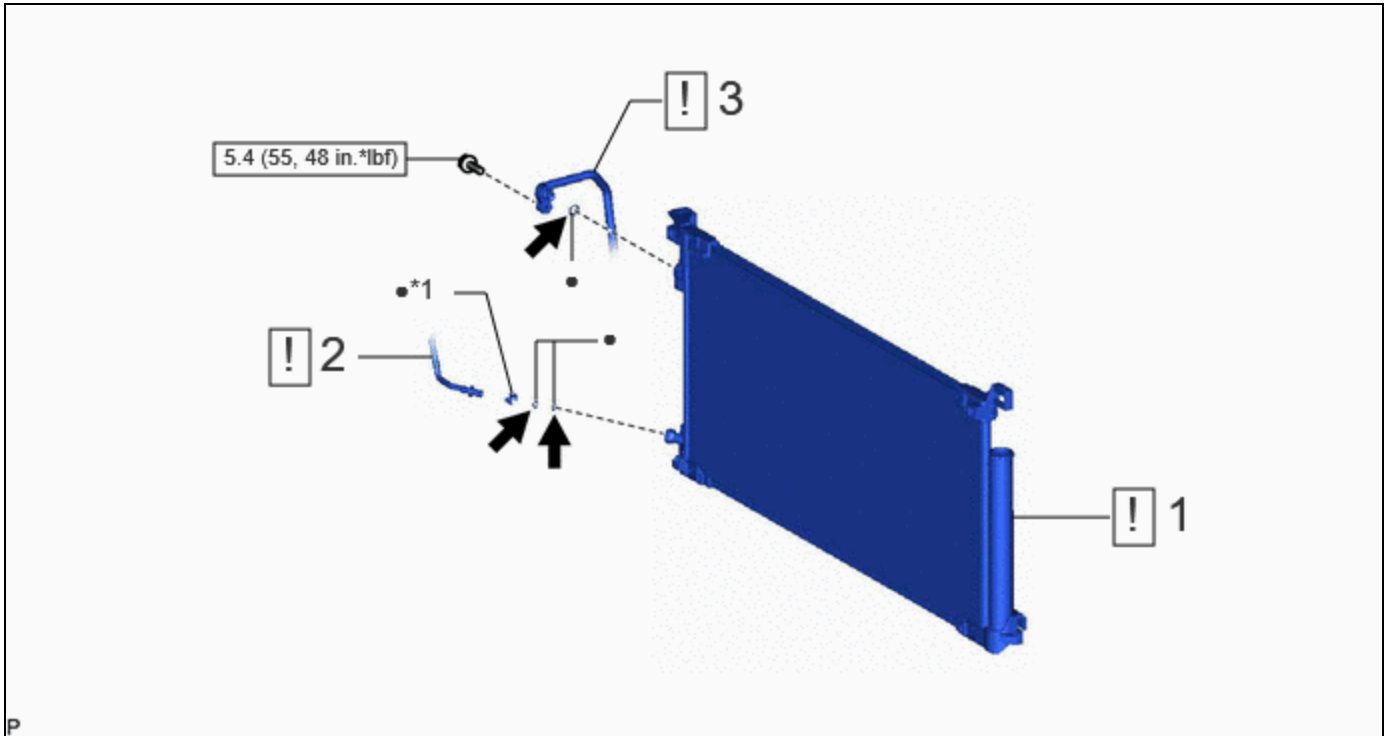


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029ZW2
Model Year Start: 2023	Model: Prius	Prod Date Range: [12/2022 -]
Title: HEATING / AIR CONDITIONING: CONDENSER (for HEV Model): INSTALLATION; 2023 - 2024 MY Prius [12/2022 -]		

INSTALLATION

CAUTION / NOTICE / HINT

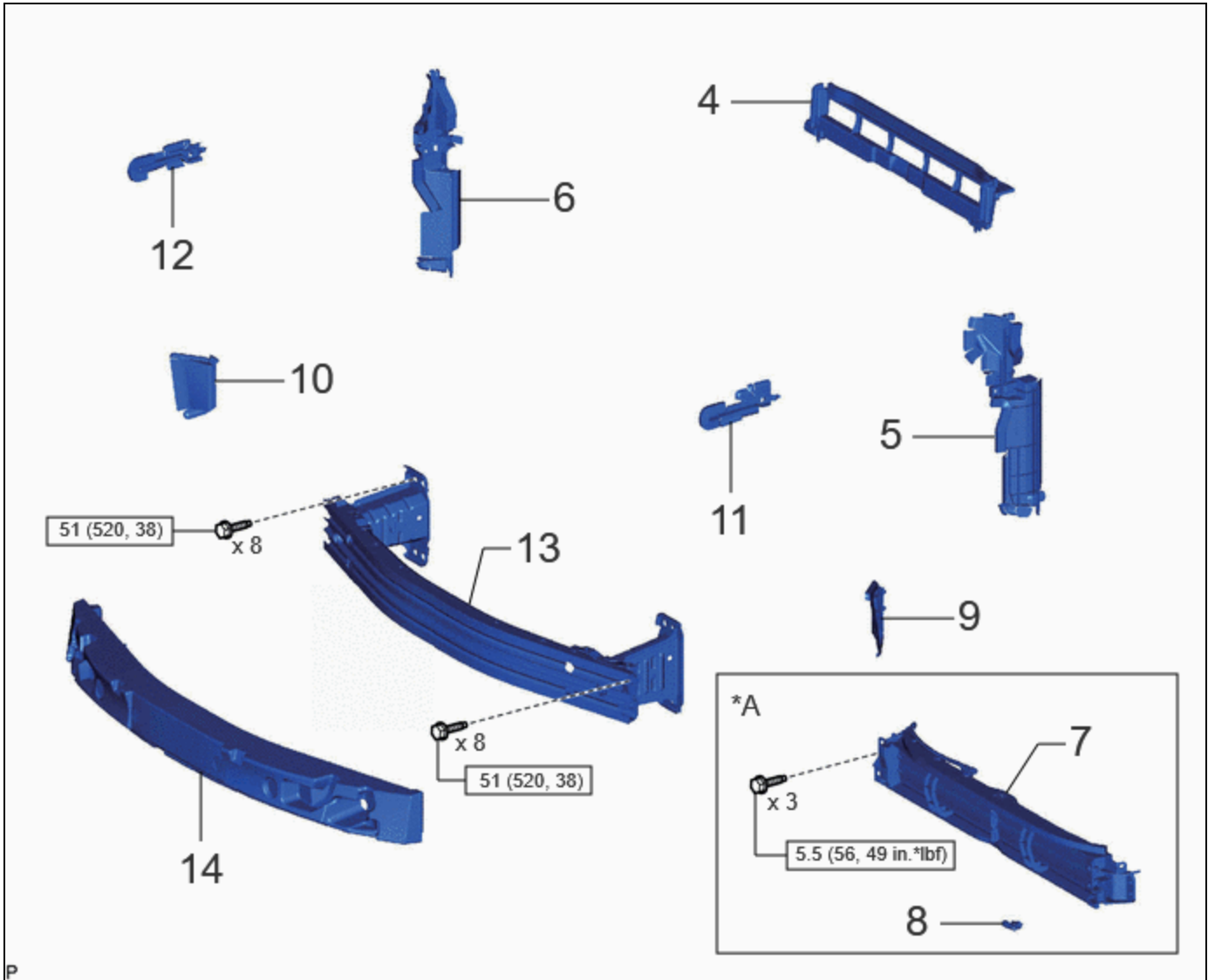
COMPONENTS (INSTALLATION)









PROCEDURE		PART NAME CODE			
1	COOLER CONDENSER ASSEMBLY	884A0	INFO	-	-
2	AIR CONDITIONING TUBE AND ACCESSORY ASSEMBLY	88710E	INFO	-	-
3	DISCHARGE HOSE SUB-ASSEMBLY	88703	INFO	-	-


*1	PIPING CLAMP	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

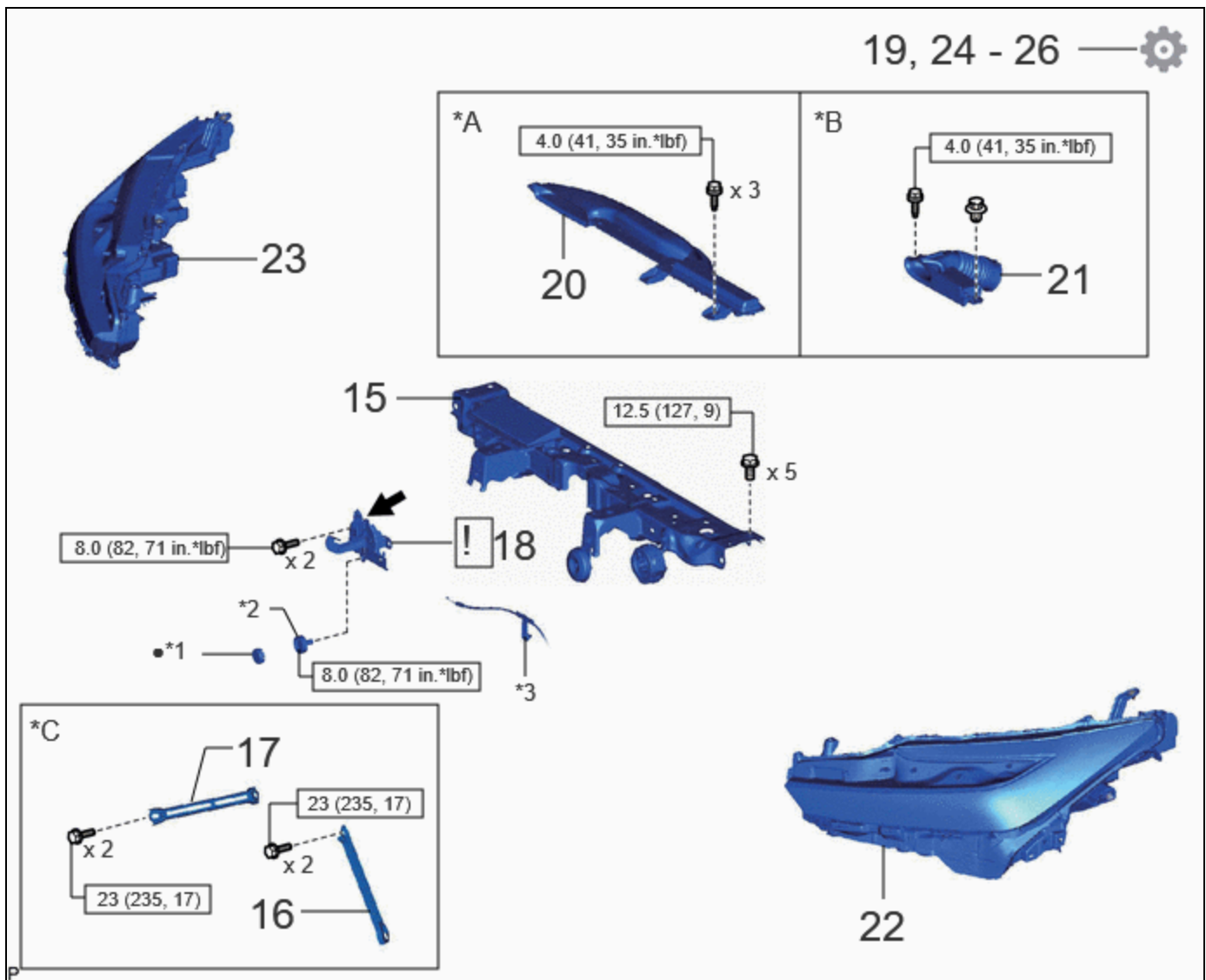
	Compressor oil ND-OIL 11 or equivalent	-	-
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PROCEDURE		PART NAME CODE			
4	NO. 2 RADIATOR AIR GUIDE	16594A	-	-	-
5	NO. 1 RADIATOR AIR GUIDE LH	16595B	-	-	-
6	NO. 1 RADIATOR AIR GUIDE RH	16593B	-	-	-
7	RADIATOR SHUTTER ASSEMBLY	53180D	-	-	-
8	THERMISTOR ASSEMBLY	88790B	-	-	-
9	FRONT RADIATOR SIDE AIR GUIDE PLATE LH	16695A	-	-	-
10	FRONT RADIATOR SIDE AIR GUIDE PLATE RH	16691A	-	-	-
11	NO. 3 RADIATOR TO SUPPORT SEAL	16563C	-	-	-

PROCEDURE		PART NAME CODE			
12	NO. 2 RADIATOR TO SUPPORT SEAL	16562K	-	-	-
13	FRONT BUMPER REINFORCEMENT	-	-	-	-
14	FRONT BUMPER ENERGY ABSORBER	52611	-	-	-

*A	w/ Grille Shutter	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

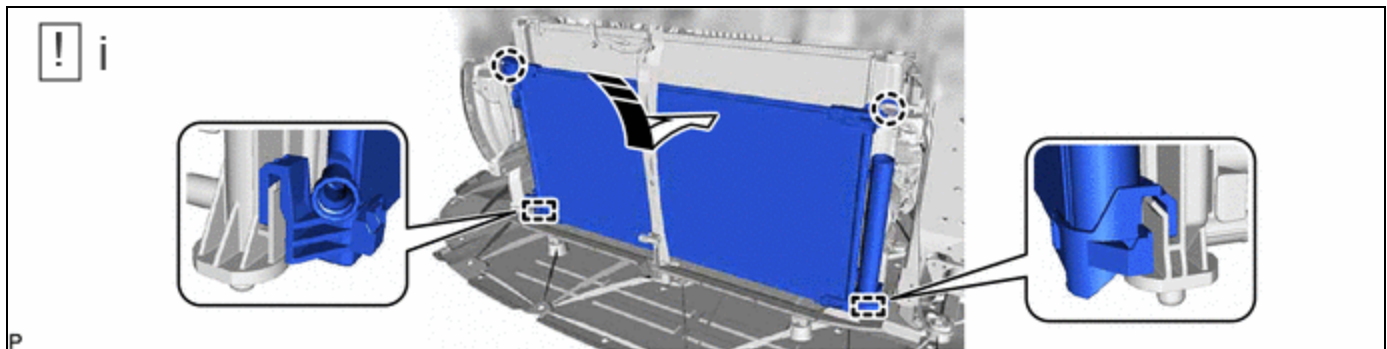



PROCEDURE		PART NAME CODE			
15	UPPER RADIATOR SUPPORT SUB-ASSEMBLY	53205	-	-	-
16	UPPER RADIATOR MOUNTING BRACKET LH	53254A	-	-	-
17	UPPER RADIATOR MOUNTING BRACKET RH	53253D	-	-	-
18	HOOD LOCK ASSEMBLY	53510	INFO	-	-
19	ADJUST HOOD SUB-ASSEMBLY	-	-	-	INFO
20	INLET NO. 1 AIR CLEANER	17751	-	-	-
21	INLET NO. 2 AIR CLEANER	17752	-	-	-
22	HEADLIGHT ASSEMBLY LH	-	-	-	-
23	HEADLIGHT ASSEMBLY RH	-	-	-	-
24	CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT	-	-	-	INFO
25	WARM UP COMPRESSOR	-	-	-	INFO
26	INSPECT FOR REFRIGERANT LEAK	-	-	-	INFO

*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	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque		MP grease

PROCEDURE

1. INSTALL COOLER CONDENSER ASSEMBLY



	Install in this Direction	-	-
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(1) Engage the 2 guides and 2 claws to install 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.

HINT:

If a new cooler condenser assembly is installed, add compressor oil to the cooler condenser assembly as follows.

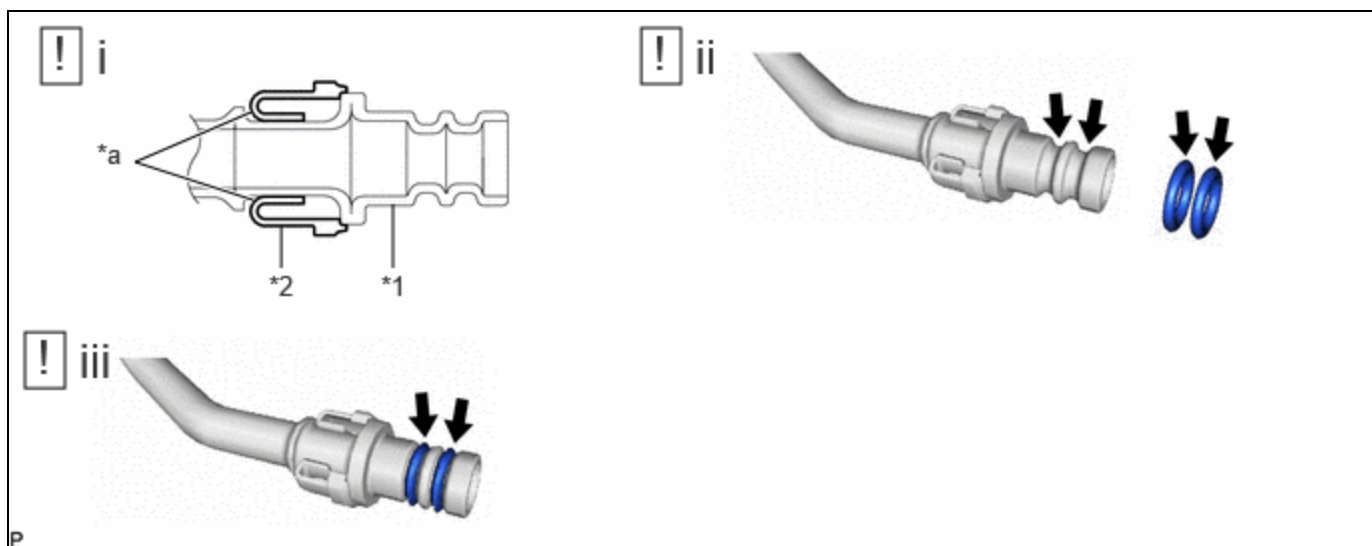
Capacity:

Add 40 cc (1.35 fl. oz)

Compressor Oil:

ND-OIL 11 or equivalent

2. CONNECT AIR CONDITIONING TUBE AND ACCESSORY ASSEMBLY



*1	Air Conditioning Tube And Accessory Assembly	*2	Piping Clamp
*a	Groove	-	-

(1) Remove the vinyl tape from the air conditioning tube and accessory assembly and cooler condenser assembly, and install a new piping clamp to the air conditioning tube and accessory assembly.

NOTICE:

- Securely engage the piping clamp to the groove of the air conditioning tube and accessory assembly.
- Do not open the piping clamp more than the diameter of the air conditioning tube and accessory assembly when installing it.
- Do not install the piping clamp with the large diameter section facing the wrong direction.

(2) Sufficiently apply compressor oil to 2 new O-rings and the fitting surfaces of the air conditioning tube and accessory assembly.

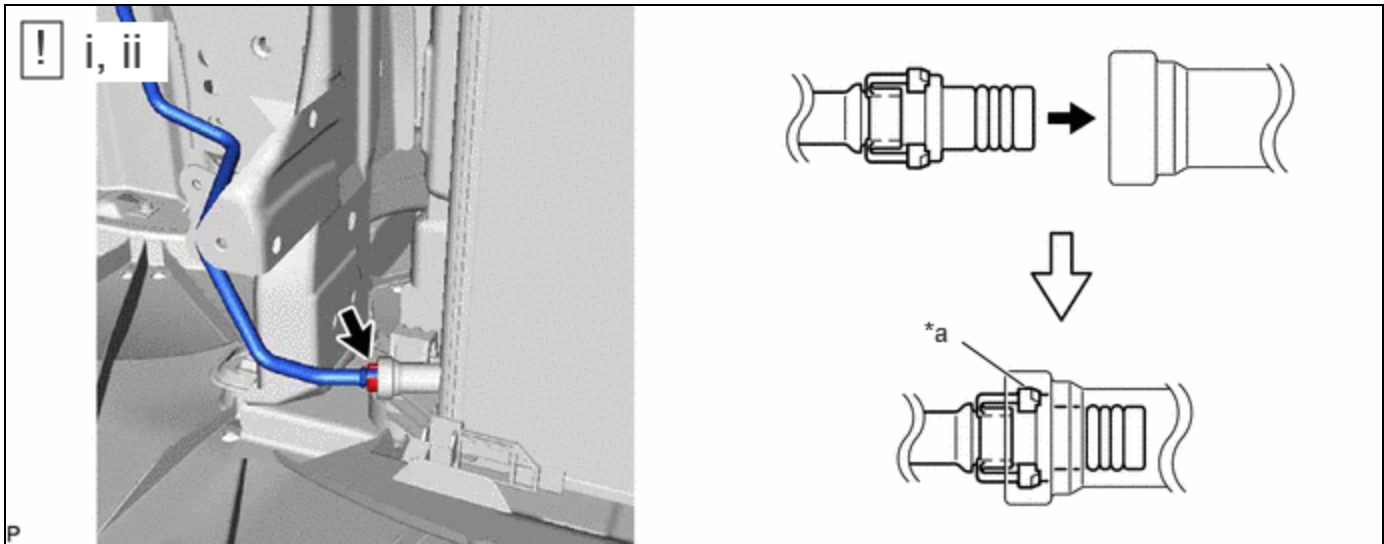
Compressor Oil:

ND-OIL 11 or equivalent

(3) Install the 2 O-rings to the air conditioning tube and accessory assembly.

NOTICE:

Keep the O-rings and O-ring fitting surfaces free from foreign matter.



*a	Large Diameter Section of Piping Clamp	-	-
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(1) Connect the air conditioning tube and accessory assembly to the cooler condenser assembly.

NOTICE:

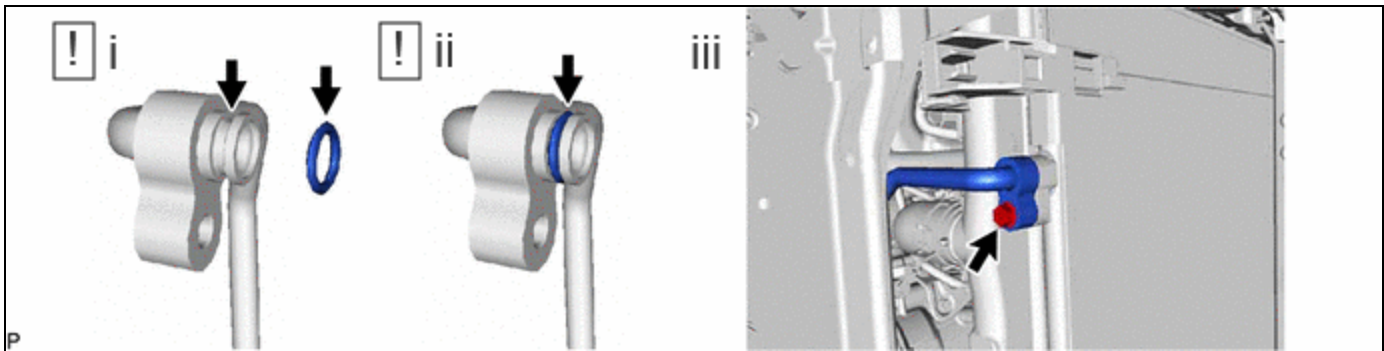
Connect the parts by holding the pipe, not the piping clamp.

(2) Securely insert the piping clamp to the point where the large diameter section of the piping clamp is covered by the cooler condenser assembly.

HINT:

- When inserting, make sure that a click sound is heard.
- Check that the air conditioning tube and accessory assembly is securely connected by pulling it.

3. CONNECT DISCHARGE HOSE SUB-ASSEMBLY



(1) Remove the vinyl tape from the discharge hose sub-assembly and cooler condenser assembly, and sufficiently apply compressor oil to a new O-ring and the fitting surface of the discharge hose sub-assembly.

Compressor Oil:
ND-OIL 11 or equivalent

(2) Install the O-ring to the discharge hose sub-assembly.

NOTICE:

Keep the O-ring and O-ring fitting surface free from foreign matter.

(3) Connect the discharge hose sub-assembly to the cooler condenser assembly with the bolt.

Torque:**5.4 N·m {55 kgf·cm, 48 in·lbf}****4. INSTALL NO. 2 RADIATOR AIR GUIDE****5. INSTALL NO. 1 RADIATOR AIR GUIDE LH****6. INSTALL NO. 1 RADIATOR AIR GUIDE RH****7. INSTALL RADIATOR SHUTTER ASSEMBLY (w/ Grille Shutter)**Click here [INFO](#)**8. INSTALL THERMISTOR ASSEMBLY (w/ Grille Shutter)****9. INSTALL FRONT RADIATOR SIDE AIR GUIDE PLATE LH****10. INSTALL FRONT RADIATOR SIDE AIR GUIDE PLATE RH****11. INSTALL NO. 3 RADIATOR TO SUPPORT SEAL****12. INSTALL NO. 2 RADIATOR TO SUPPORT SEAL****13. INSTALL FRONT BUMPER REINFORCEMENT**Click here [INFO](#)**14. INSTALL FRONT BUMPER ENERGY ABSORBER****15. INSTALL UPPER RADIATOR SUPPORT SUB-ASSEMBLY**

(a) for M20A-FXS:


Click here [INFO](#)

(b) for 2ZR-FXE:

Click here [INFO](#)**16. INSTALL UPPER RADIATOR MOUNTING BRACKET LH (w/ Bracket)**Click here [INFO](#)**17. INSTALL UPPER RADIATOR MOUNTING BRACKET RH (w/ Bracket)**

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

18. INSTALL HOOD LOCK ASSEMBLY

	Click here INFO
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19. ADJUST HOOD SUB-ASSEMBLYClick here [INFO](#)**20. INSTALL INLET NO. 1 AIR CLEANER (for M20A-FXS)**Click here [INFO](#)**21. INSTALL INLET NO. 2 AIR CLEANER (for 2ZR-FXE)**

Click here [INFO](#)

22. INSTALL HEADLIGHT ASSEMBLY LH

Click here [INFO](#)

23. INSTALL HEADLIGHT ASSEMBLY RH

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

24. CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT

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

Click here [INFO](#)

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

Click here [INFO](#)

25. WARM UP COMPRESSOR

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

Click here [INFO](#)

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

Click here [INFO](#)

26. INSPECT FOR REFRIGERANT LEAK

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

Click here [INFO](#)

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

Click here [INFO](#)

