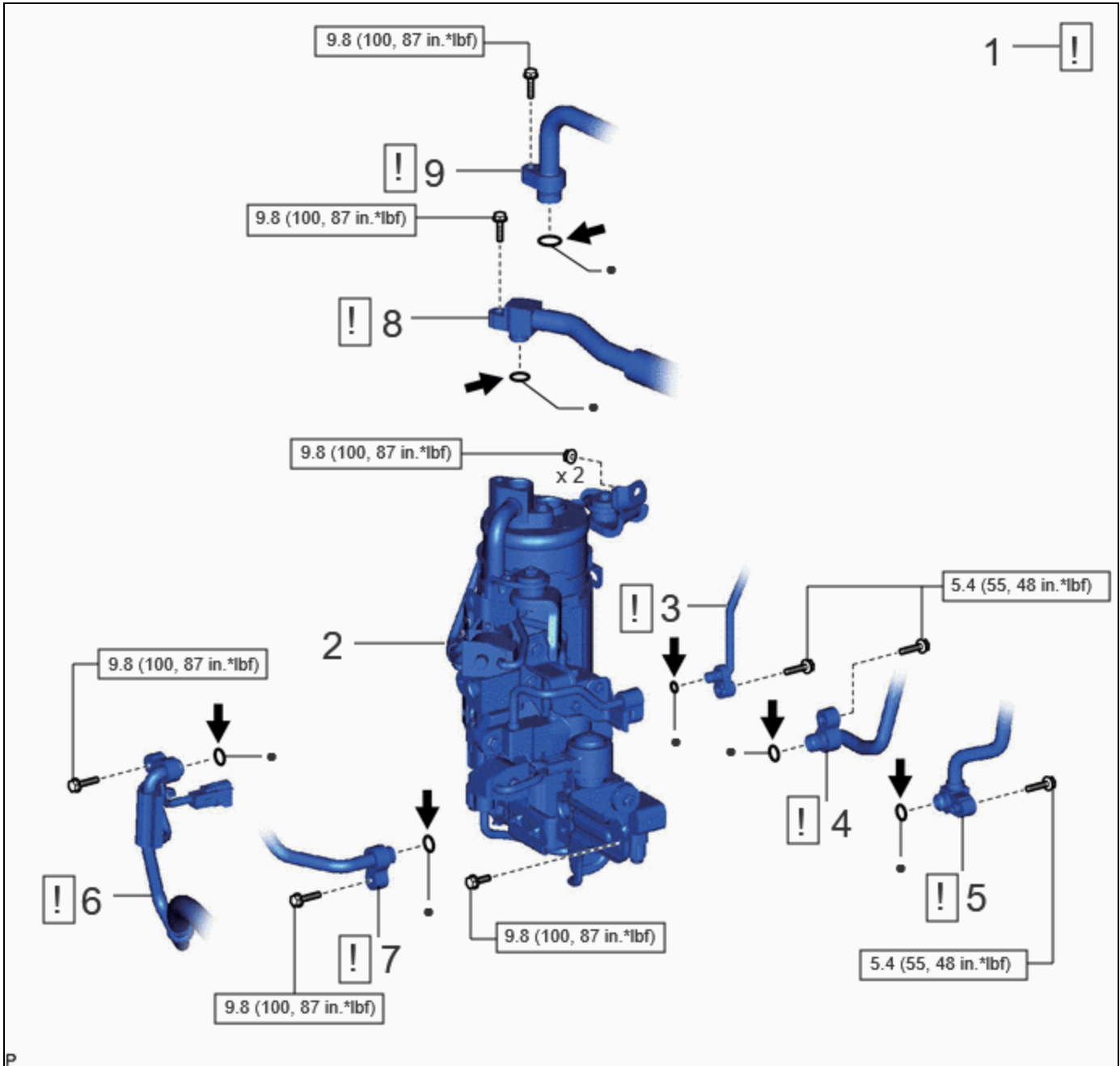





<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000002AXEL
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> HEATING / AIR CONDITIONING: ACCUMULATOR: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		



## INSTALLATION

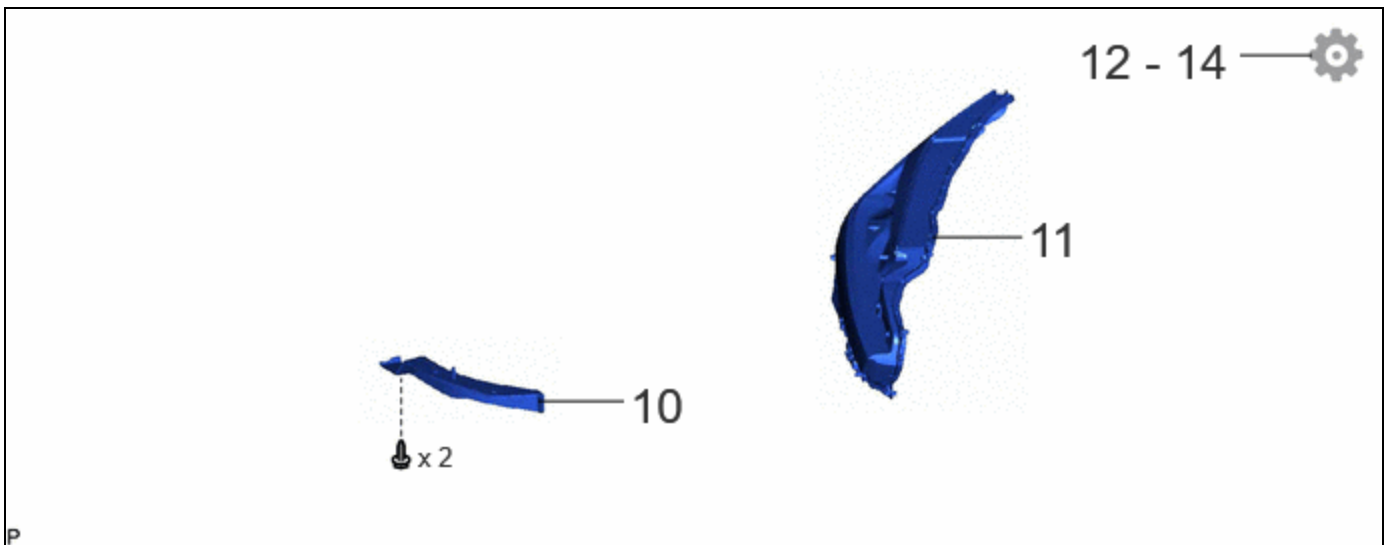
### CAUTION / NOTICE / HINT




#### COMPONENTS (INSTALLATION)









PROCEDURE		PART NAME CODE			
1	ADJUST COMPRESSOR OIL	-	INFO	-	-
2	ACCUMULATOR ASSEMBLY	88470H	-	-	-
3	LIQUID TUBE SUB-ASSEMBLY A	88706A	INFO	-	-
4	DISCHARGE PIPE SUB-ASSEMBLY	88705	INFO	-	-
5	DISCHARGE TUBE SUB-ASSEMBLY	88705A	INFO	-	-
6	NO. 1 DISCHARGE HOSE SUB-ASSEMBLY	88703A	INFO	-	-
7	NO. 1 COOLER REFRIGERANT DISCHARGE HOSE	88711	INFO	-	-
8	AIR CONDITIONING TUBE ASSEMBLY	88710C	INFO	-	-
9	SUCTION HOSE SUB-ASSEMBLY	88704	INFO	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque		• Non-reusable part
	Compressor oil ND-OIL 11 or equivalent	-	-



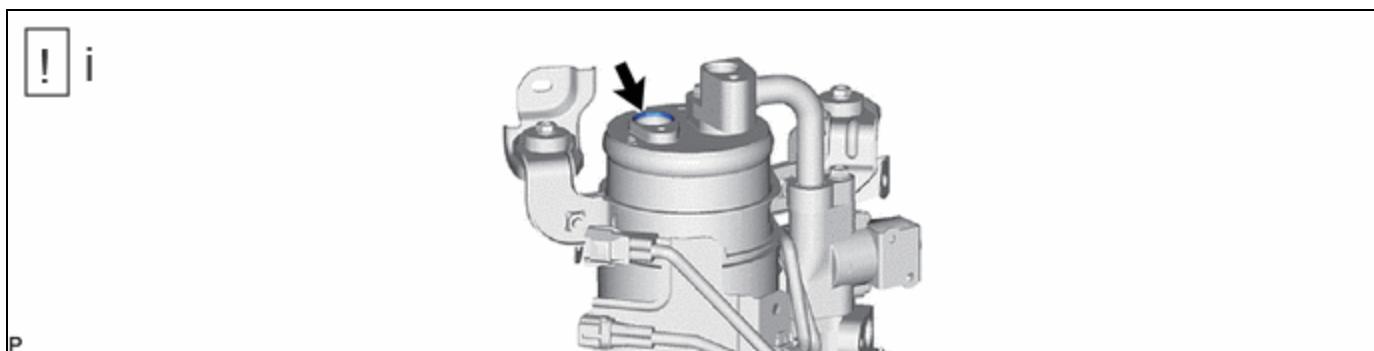
PROCEDURE		PART NAME CODE			
10	FRONT WHEEL OPENING EXTENSION PAD RH	53851D	-	-	-
11	HEADLIGHT ASSEMBLY RH	-	-	-	-

	PROCEDURE	PART NAME CODE			
12	CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT	-	-	-	
13	WARM UP COMPRESSOR	-	-	-	
14	INSPECT FOR REFRIGERANT LEAK	-	-	-	

## PROCEDURE

### 1. ADJUST COMPRESSOR OIL

(a) When using a new accumulator assembly:



(1) Add compressor oil into the opening shown in the illustration until the weight of the accumulator assembly is the same as measured during removal.

#### NOTICE:

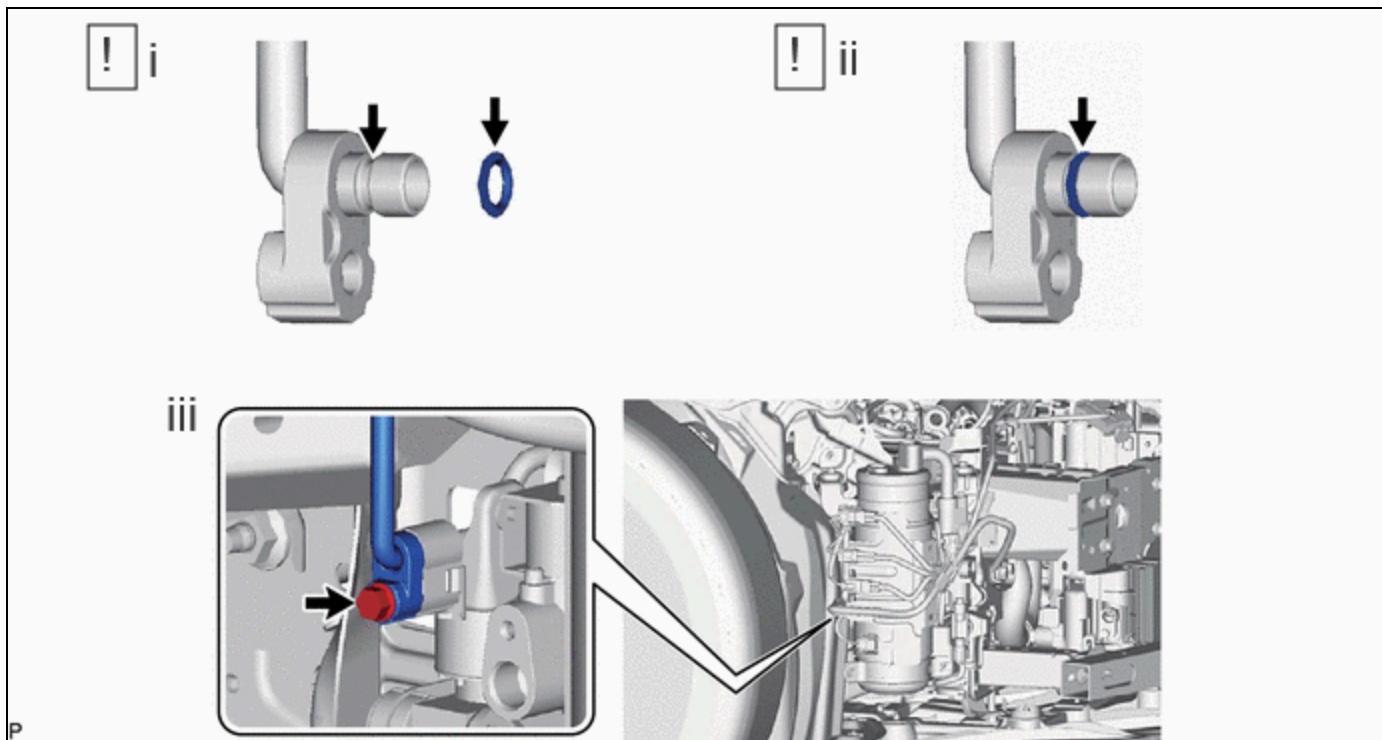
- As new accumulator assembly do not contain compressor oil, make sure to add the necessary amount of compressor oil to the accumulator assembly.
- Be sure to use ND-OIL 11 or equivalent compressor oil.

### 2. INSTALL ACCUMULATOR ASSEMBLY

Torque:

**9.8 N·m {100 kgf·cm, 87 in·lbf}**

### 3. CONNECT LIQUID TUBE SUB-ASSEMBLY A



- (1) Remove the vinyl tape, and sufficiently apply compressor oil to a new O-ring and the fitting surface of the liquid tube sub-assembly A.

Compressor Oil:

ND-OIL 11 or equivalent

- (2) Install the O-ring to the liquid tube sub-assembly A.

**NOTICE:**

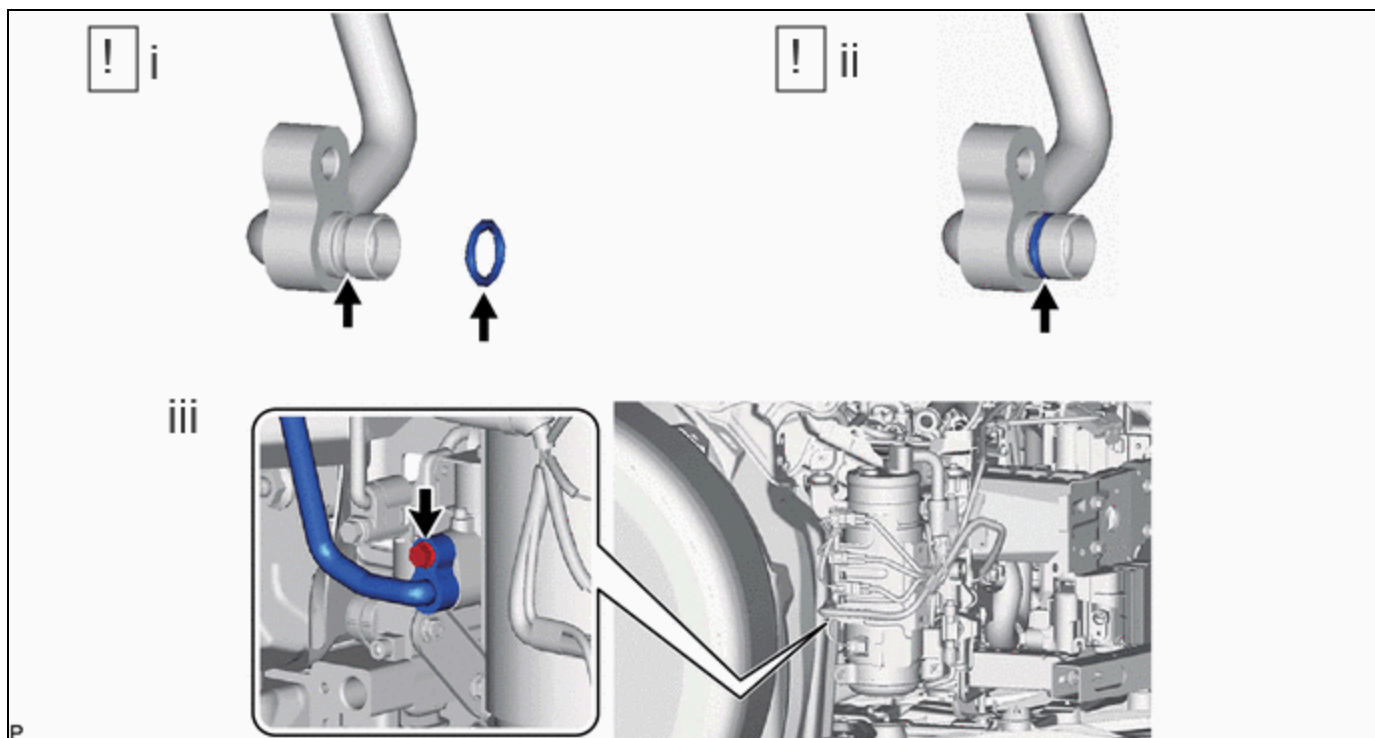
Keep the O-ring and O-ring fitting surface free from foreign matter.

- (3) Connect the liquid tube sub-assembly A with the bolt.

**Torque:**

**5.4 N·m {55 kgf·cm, 48 in·lbf}**

**4. CONNECT DISCHARGE PIPE SUB-ASSEMBLY**



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

Compressor Oil:

ND-OIL 11 or equivalent

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

**NOTICE:**

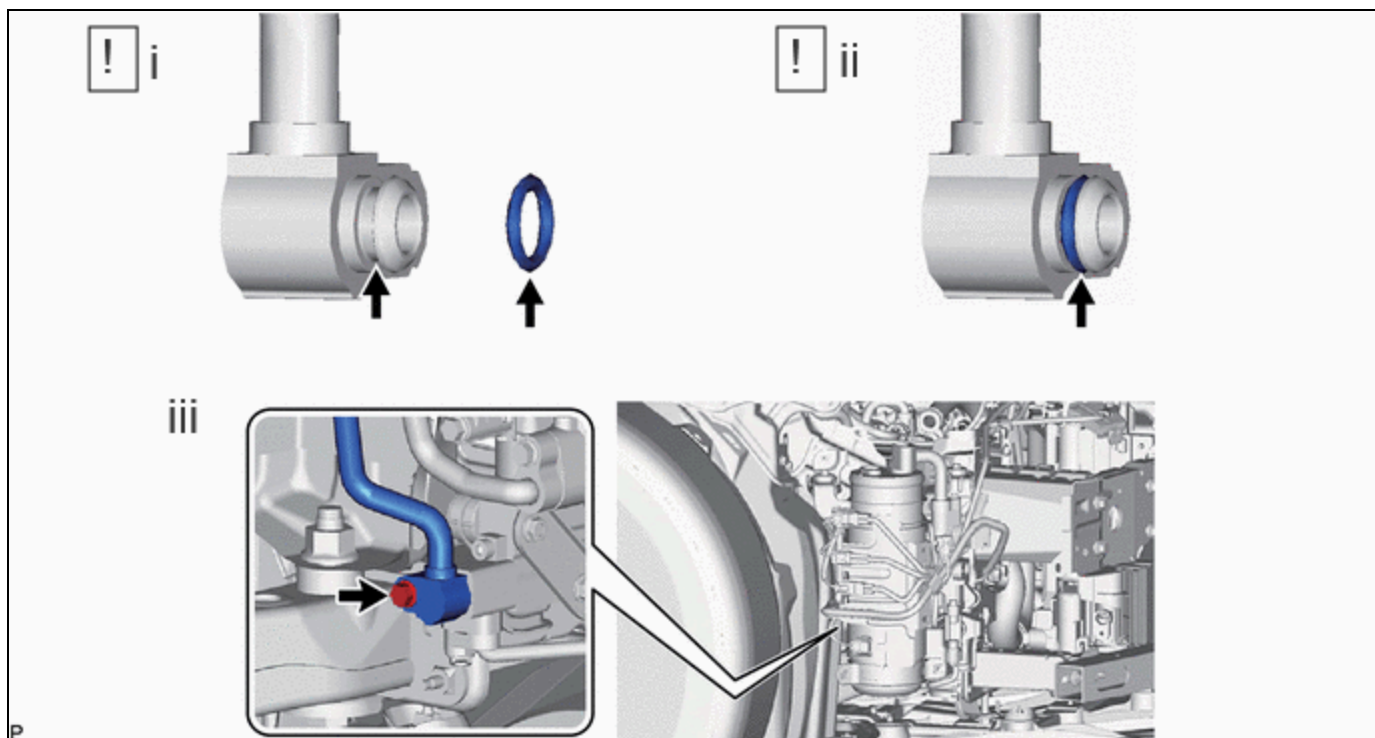
Keep the O-ring and O-ring fitting surface free from foreign matter.

- (3) Connect the discharge tube sub-assembly with the bolt.

**Torque:**

**5.4 N·m {55 kgf·cm, 48 in·lbf}**

**5. CONNECT DISCHARGE TUBE SUB-ASSEMBLY**



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

Compressor Oil:

ND-OIL 11 or equivalent

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

**NOTICE:**

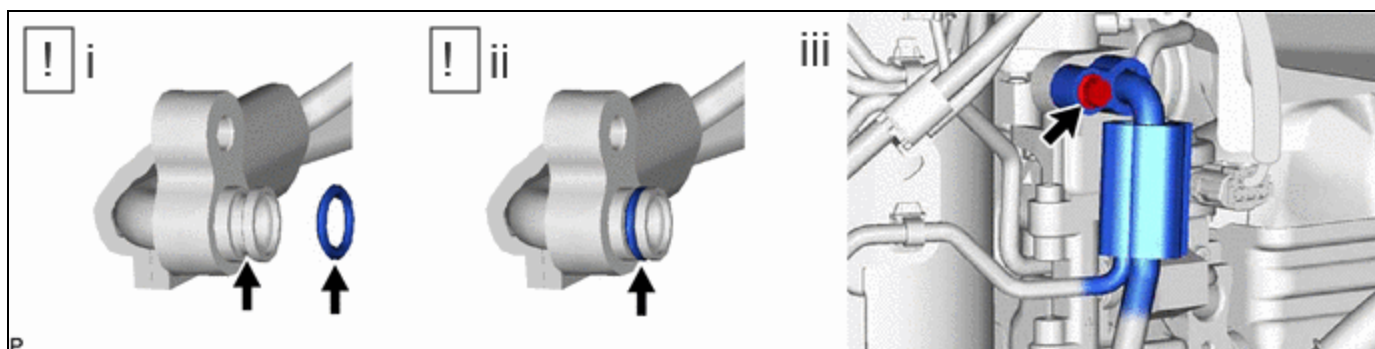
Keep the O-ring and O-ring fitting surface free from foreign matter.

- (3) Connect the discharge tube sub-assembly with the bolt.

**Torque:**

**5.4 N·m {55 kgf·cm, 48 in·lbf}**

**6. CONNECT NO. 1 DISCHARGE HOSE SUB-ASSEMBLY**



- (1) Remove the vinyl tape, and sufficiently apply compressor oil to a new O-ring and the fitting surface of the No. 1 discharge hose sub-assembly.

Compressor Oil:

ND-OIL 11 or equivalent

- (2) Install the O-ring to the No. 1 discharge hose sub-assembly.

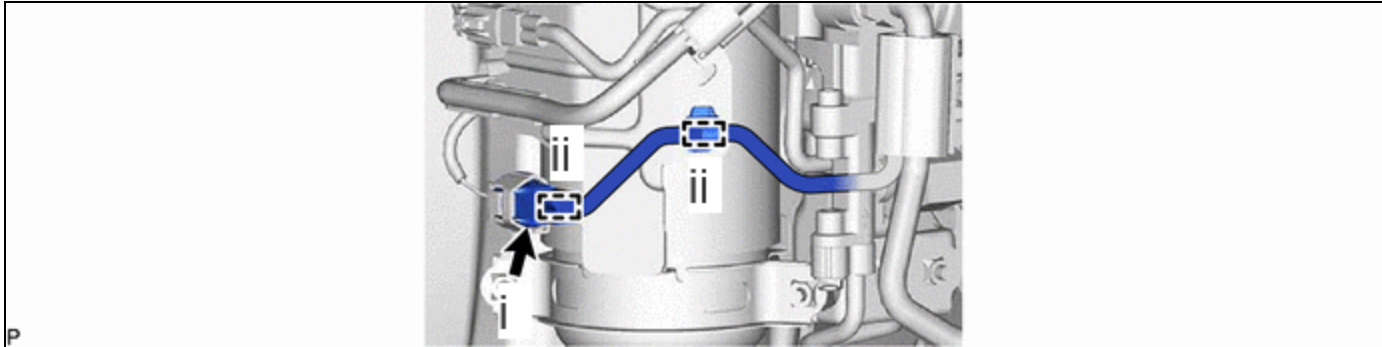
**NOTICE:**

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

(3) Connect the No. 1 discharge hose sub-assembly with the bolt.

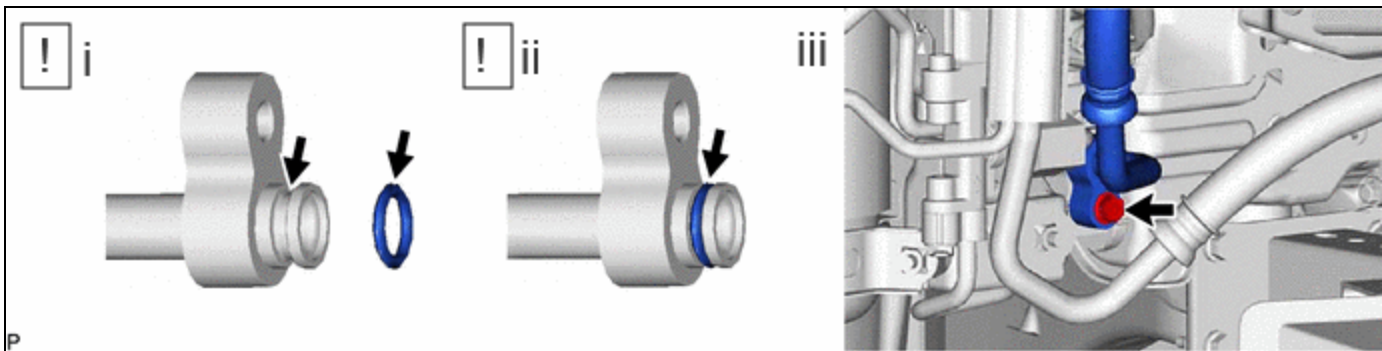
**Torque:**

**9.8 N·m {100 kgf·cm, 87 in·lbf}**



- (1) Engage the 2 clamps.
- (2) Connect the connector.

**7. CONNECT NO. 1 COOLER REFRIGERANT DISCHARGE HOSE**



- (1) Remove the vinyl tape, and sufficiently apply compressor oil to a new O-ring and the fitting surface of the No. 1 cooler refrigerant discharge hose.

Compressor Oil:  
ND-OIL 11 or equivalent

- (2) Install the O-ring to the No. 1 cooler refrigerant discharge hose.

**NOTICE:**

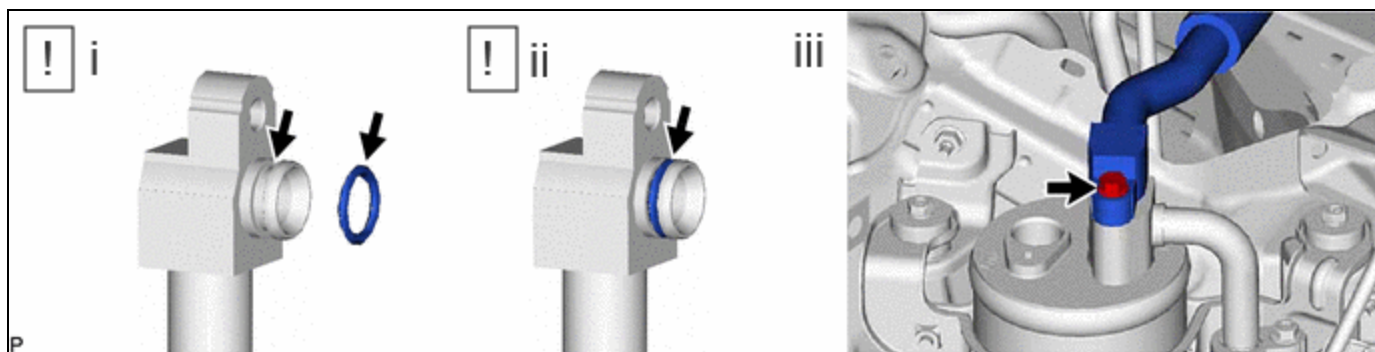
Keep the O-ring and O-ring fitting surface free from foreign matter.

- (3) Connect the No. 1 cooler refrigerant discharge hose with the bolt.

**Torque:**

**9.8 N·m {100 kgf·cm, 87 in·lbf}**

**8. CONNECT AIR CONDITIONING TUBE ASSEMBLY**



- (1) Remove the vinyl tape, and sufficiently apply compressor oil to a new O-ring and the fitting surface of the air conditioning tube assembly.

Compressor Oil:

ND-OIL 11 or equivalent

- (2) Install the O-ring to the air conditioning tube assembly.

**NOTICE:**

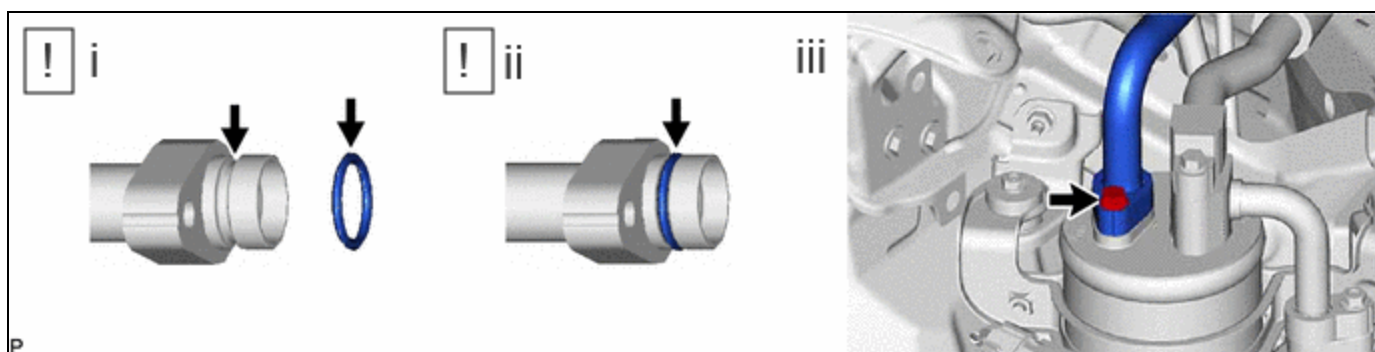
Keep the O-ring and O-ring fitting surface free from foreign matter.

- (3) Connect the air conditioning tube assembly with the bolt.

**Torque:**

**9.8 N·m {100 kgf·cm, 87 in·lbf}**

**9. CONNECT SUCTION HOSE SUB-ASSEMBLY**



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

Compressor Oil:

ND-OIL 11 or equivalent

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

**NOTICE:**

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

- (3) Connect the suction hose sub-assembly with the bolt.

**Torque:**

**9.8 N·m {100 kgf·cm, 87 in·lbf}**

**10. INSTALL FRONT WHEEL OPENING EXTENSION PAD RH**

**11. INSTALL HEADLIGHT ASSEMBLY RH**

- (a) Use the same procedure described for the LH side.



Click here [INFO](#)

## 12. CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT

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

Click here [INFO](#)

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

Click here [INFO](#)

## 13. WARM UP COMPRESSOR

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

Click here [INFO](#)

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

Click here [INFO](#)

## 14. INSPECT FOR REFRIGERANT LEAK

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

Click here [INFO](#)

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

Click here [INFO](#)

