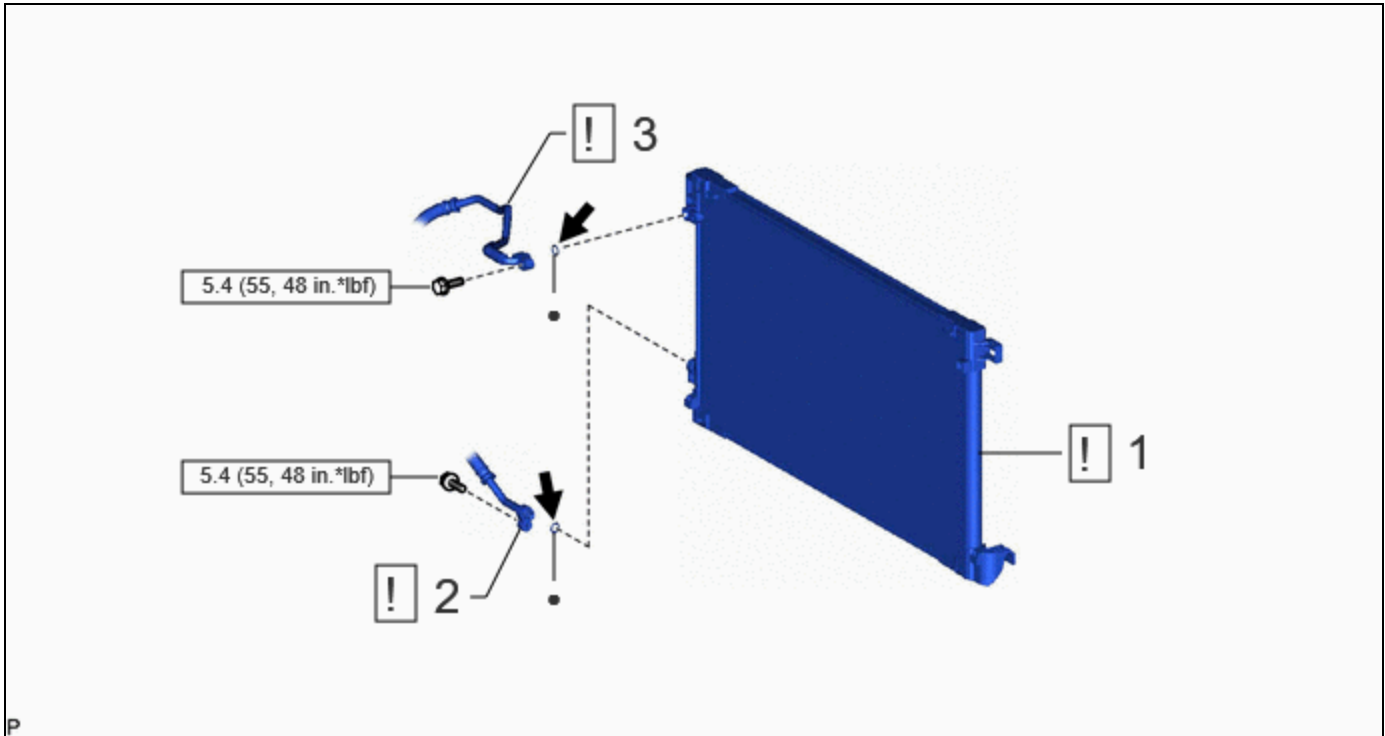


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002AXDD
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HEATING / AIR CONDITIONING: CONDENSER (for PHEV Model): INSTALLATION; 2023 - 2024 MY Prius Prime [03/2023 -]		

INSTALLATION

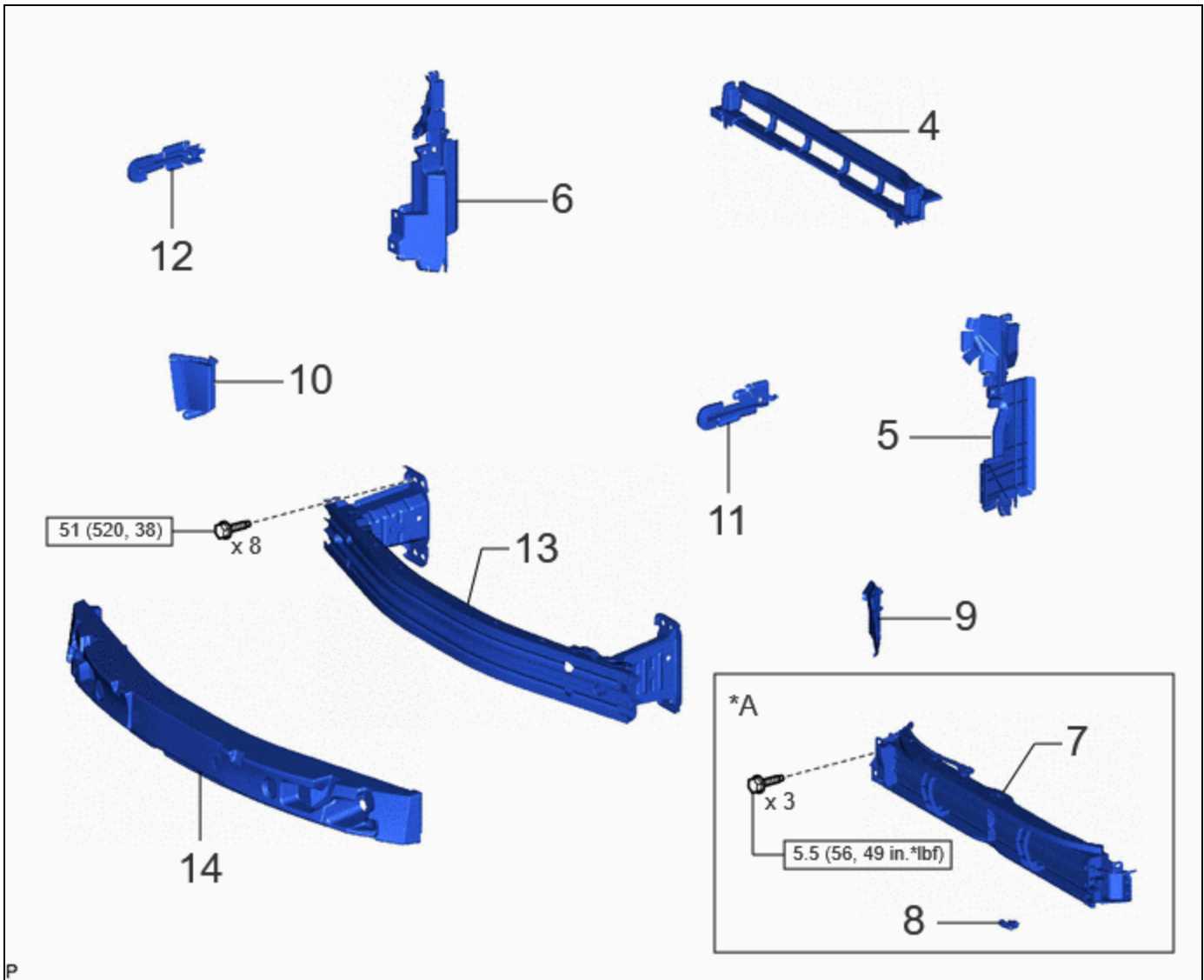
CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)




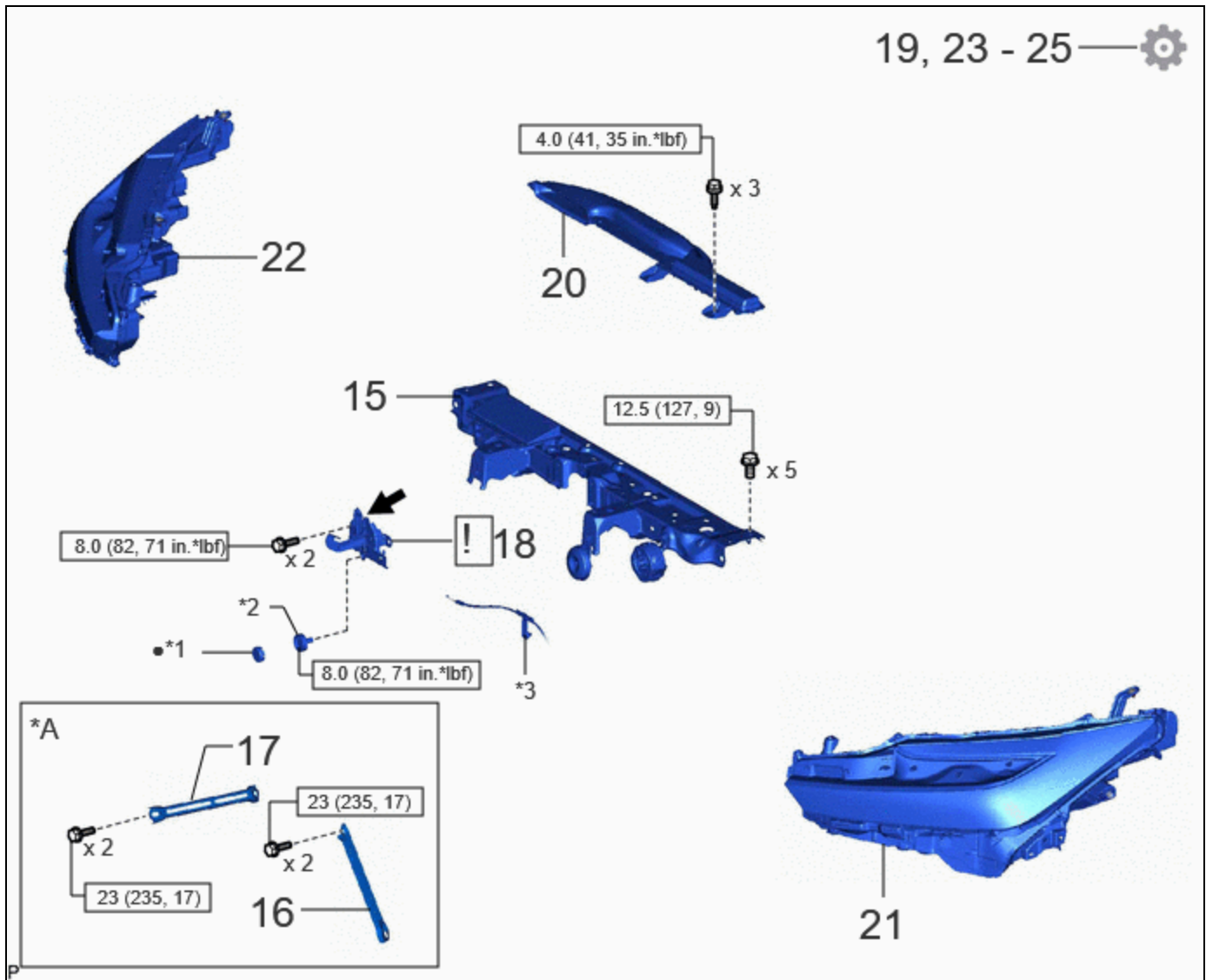
	PROCEDURE	PART NAME CODE			
1	COOLER CONDENSER ASSEMBLY	884A0	INFO	-	-
2	NO. 1 DISCHARGE HOSE SUB-ASSEMBLY	88703A	INFO	-	-
3	NO. 1 COOLER REFRIGERANT DISCHARGE HOSE	88711	INFO	-	-




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











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	-	-	-
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	-	-



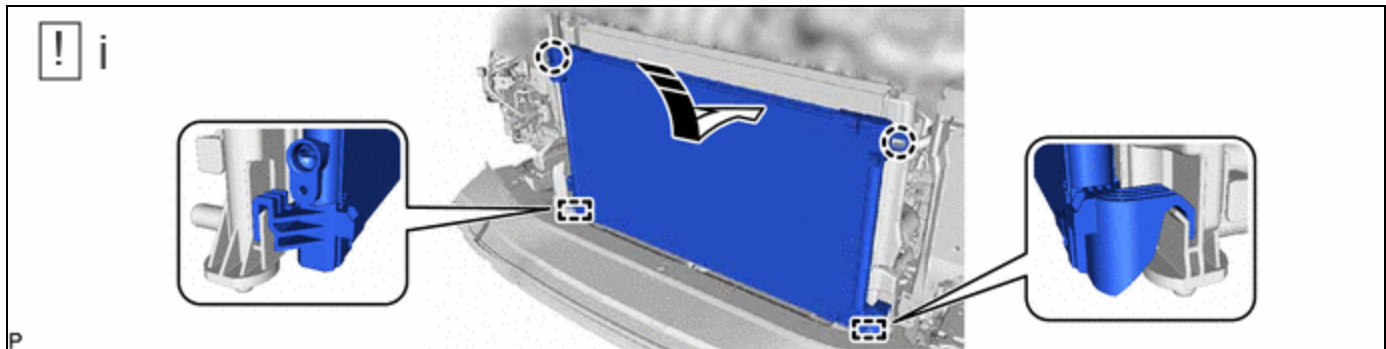
PROCEDURE		PART NAME CODE			
15	UPPER RADIATOR SUPPORT SUB-ASSEMBLY	53205	-	-	-
16	UPPER RADIATOR MOUNTING BRACKET LH	53254A	-	-	-
17	UPPER RADIATOR MOUNTING BRACKET RH	53253D	-	-	-
18	HOOD LOCK ASSEMBLY	53510	INFO	-	-
19	ADJUST HOOD SUB-ASSEMBLY	-	-	-	INFO
20	INLET NO. 1 AIR CLEANER	17751	-	-	-


PROCEDURE	PART NAME CODE			
21 HEADLIGHT ASSEMBLY LH	-	-	-	-
22 HEADLIGHT ASSEMBLY RH	-	-	-	-
23 CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT	-	-	-	
24 WARM UP COMPRESSOR	-	-	-	
25 INSPECT FOR REFRIGERANT LEAK	-	-	-	

*A	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:

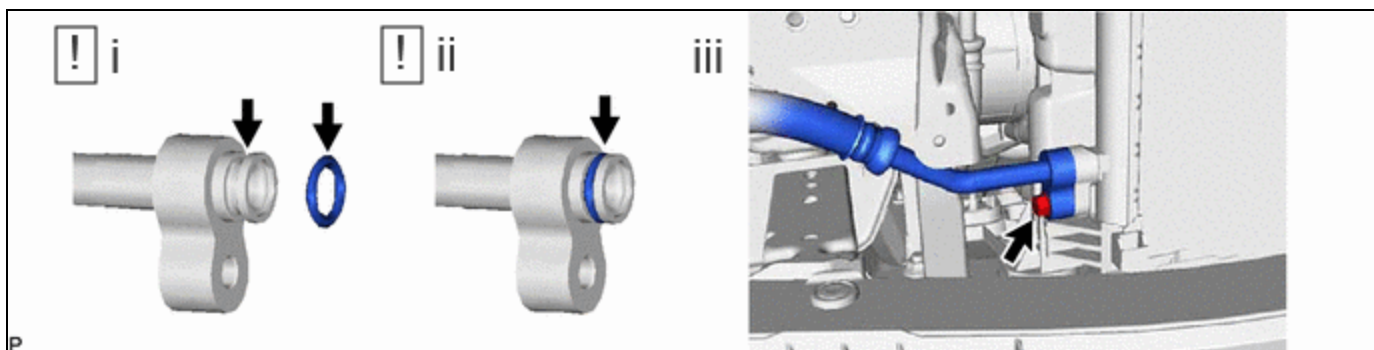
If a new cooler condenser assembly is installed, add compressor oil to the cooler condenser assembly as follows.

Capacity:

Add 40 cc (1.35 fl. oz)

Compressor Oil:
ND-OIL 11 or equivalent

2. CONNECT NO. 1 DISCHARGE HOSE SUB-ASSEMBLY



- (1) Remove the vinyl tape from the No. 1 discharge hose sub-assembly and cooler condenser assembly, 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:

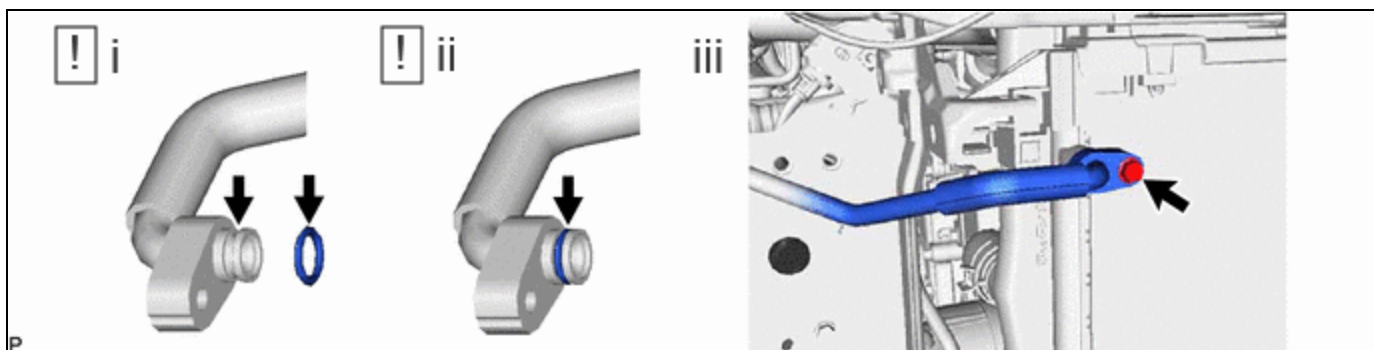
Keep the O-ring and O-ring fitting surface free from foreign matter.

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

Torque:

5.4 N·m {55 kgf·cm, 48 in·lbf}

3. CONNECT NO. 1 COOLER REFRIGERANT DISCHARGE HOSE



- (1) Remove the vinyl tape from the No. 1 cooler refrigerant discharge hose and cooler condenser assembly, 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 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

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](#)

19. ADJUST HOOD SUB-ASSEMBLY

Click here [INFO](#)

20. INSTALL INLET NO. 1 AIR CLEANER

Click here [INFO](#)

21. INSTALL HEADLIGHT ASSEMBLY LH

Click here [INFO](#)

22. INSTALL HEADLIGHT ASSEMBLY RH

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

23. CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT

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

Click here [INFO](#)

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

Click here [INFO](#)

24. WARM UP COMPRESSOR

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

Click here [INFO](#)

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

Click here [INFO](#)

25. INSPECT FOR REFRIGERANT LEAK

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

Click here [INFO](#)

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

Click here [INFO](#)

