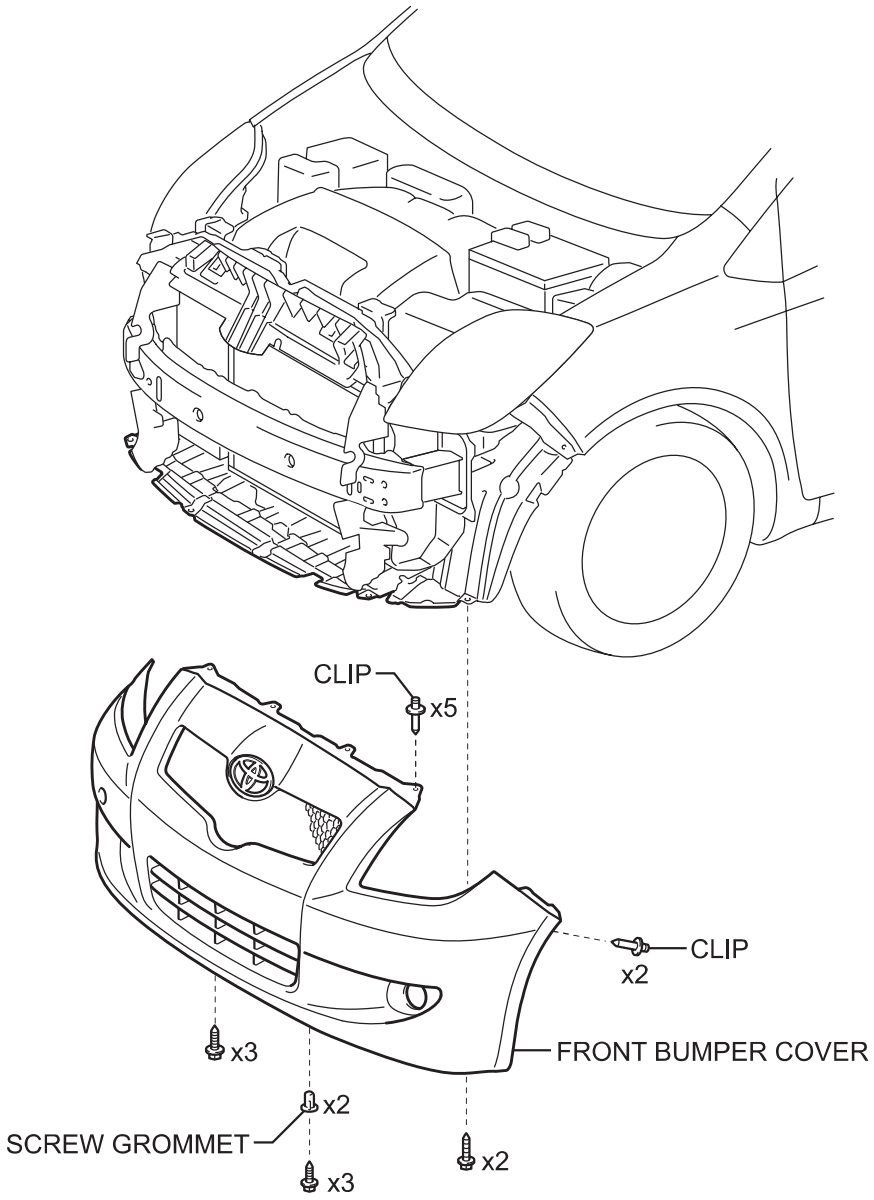
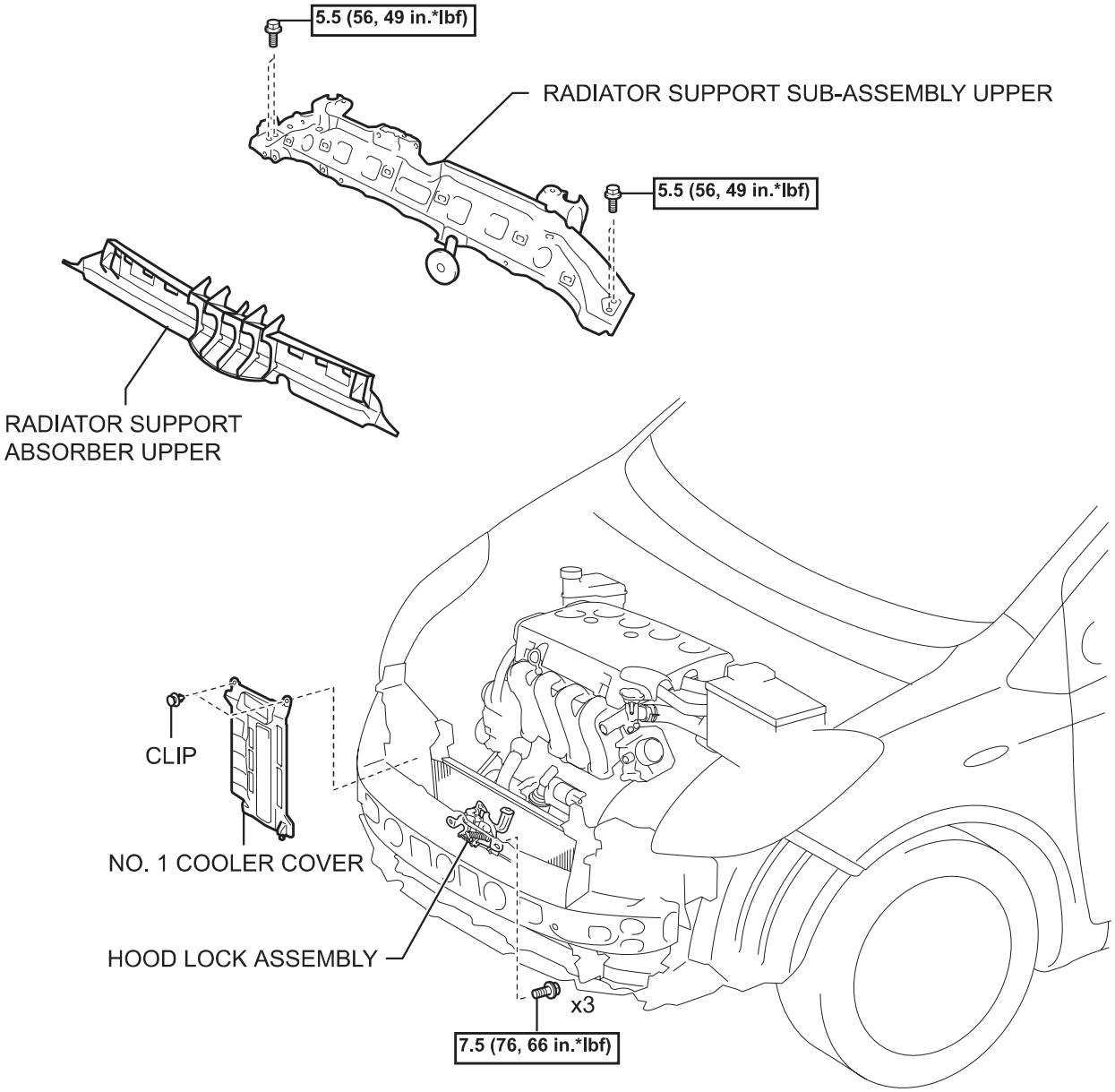
CONDENSER (for Hatchback)

COMPONENTS



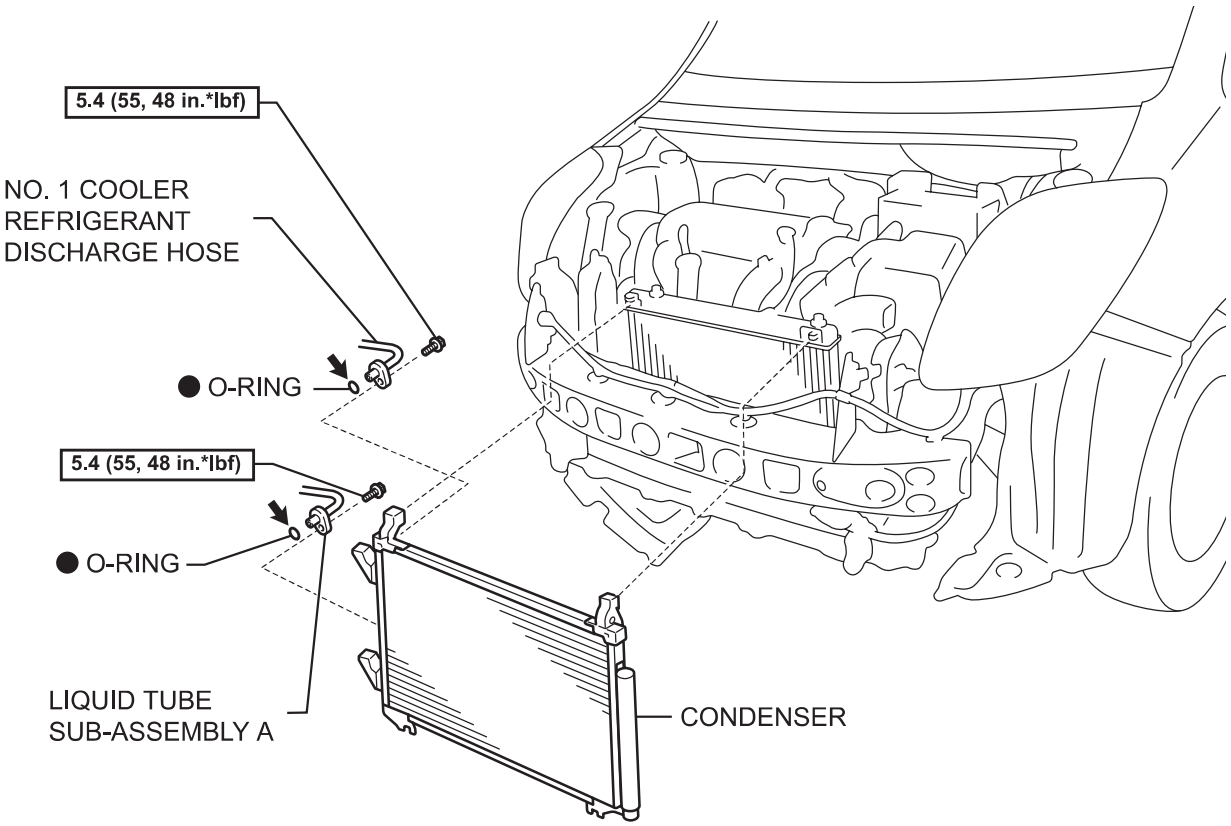
E117642E02

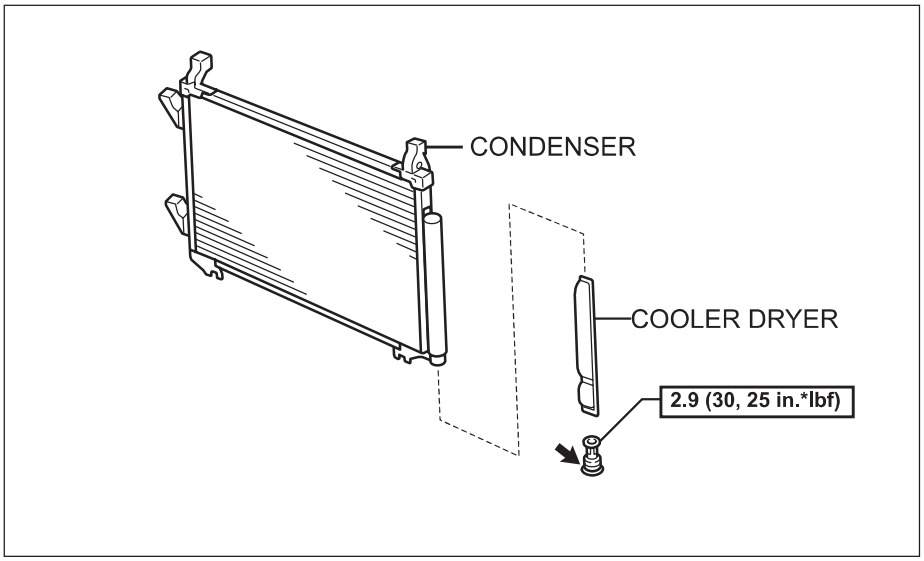


N*m (kgf*cm, ft.*lbf) : Specified torque

T

I101547E01





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

⬅ Compressor Oil ND-OIL8 equivalent ● Non-reusable part

AC

N

I101606E03

ON-VEHICLE INSPECTION

1. INSPECT CONDENSER ASSEMBLY

(a) If the fins of the cooler condenser assembly are dirty, clean them with water and dry them with compressed air.

NOTICE:

Do not damage the fins of the condenser assembly.

(b) If the fins of the cooler condenser assembly are bent, straighten them using a screwdriver or pliers.

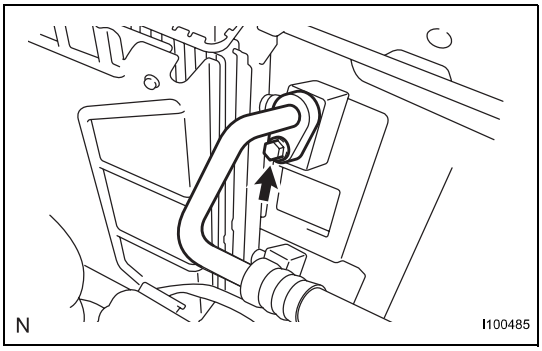
2. CHECK CONDENSER FOR REFRIGERANT LEAKAGE

(a) Check the pipe joints for gas leakage, using a halogen leak detector.

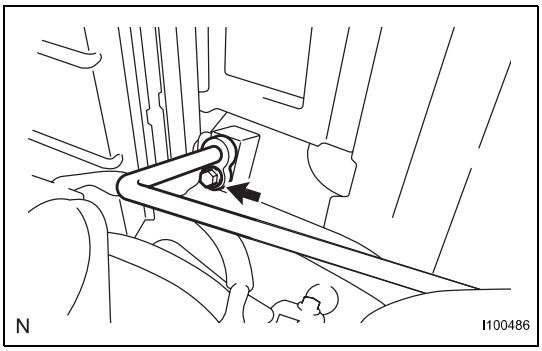
(b) Check the tightening torque of the joints if gas leakage is detected from any pipe joints.

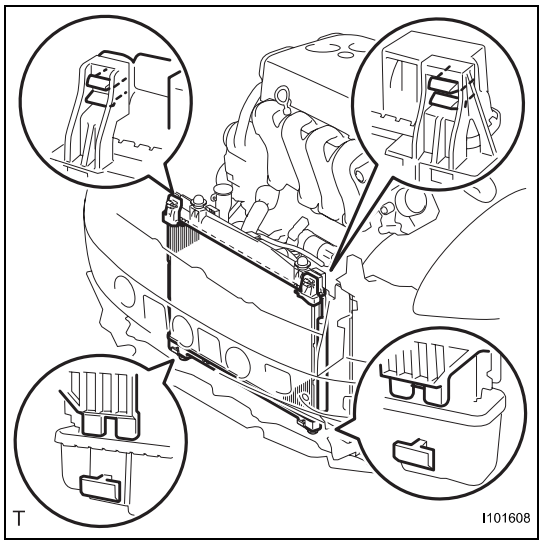
REMOVAL

1. **DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM (See page AC-66)**
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
3. **REMOVE FRONT BUMPER COVER (See page ET-24)**
4. **REMOVE RADIATOR SUPPORT ABSORBER UPPER (See page CO-31)**
5. **REMOVE NO. 1 COOLER COVER (See page CO-31)**
6. **SEPARATE HOOD LOCK ASSEMBLY (w/ Theft Deterrent System) (See page CO-32)**
7. **SEPARATE HOOD LOCK ASSEMBLY (w/o Theft Deterrent System) (See page CO-32)**
8. **REMOVE RADIATOR SUPPORT SUB-ASSEMBLY UPPER (See page CO-33)**
9. **DISCONNECT NO. 1 COOLER REFRIGERANT DISCHARGE HOSE**
   (a) Remove the bolt and disconnect the discharge hose from the cooler condenser.
   (b) Remove the O-ring from the discharge hose.
   NOTICE:
   Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matter from entering.



10. **DISCONNECT LIQUID TUBE SUB-ASSEMBLY A**
    (a) Remove the bolt and disconnect the liquid tube from the cooler condenser.
    (b) Remove the O-ring from the liquid tube.
    NOTICE:
    Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matter from entering.





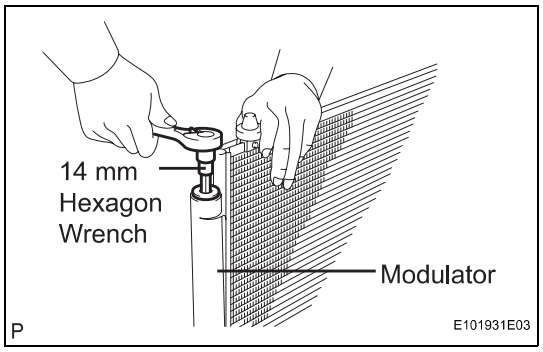
11. REMOVE CONDENSER

(a) Disengage the 2 claws and remove the condenser from the vehicle.

NOTICE:

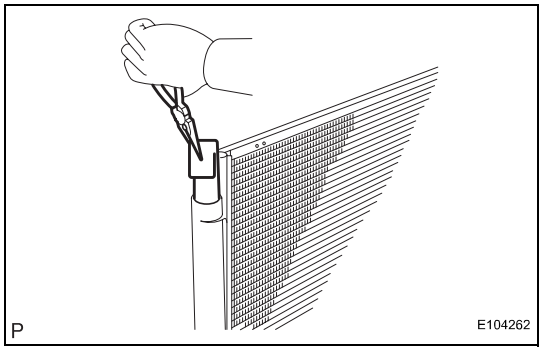
Do not damage the condenser or radiator when removing the condenser.

DISASSEMBLY



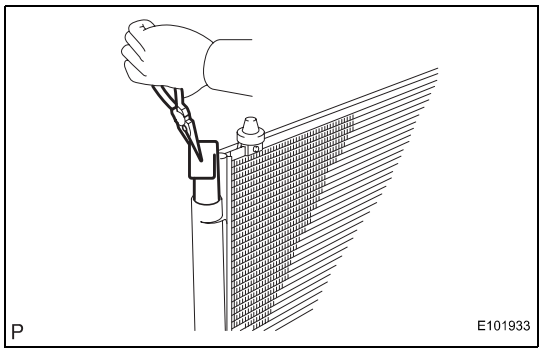
1. REMOVE COOLER DRYER

(a) Using a 14 mm straight hexagon wrench, remove the cap from the modulator.



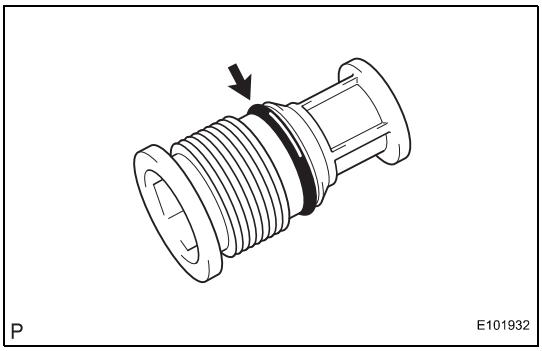
(b) Using pliers, remove the cooler dryer.

REASSEMBLY

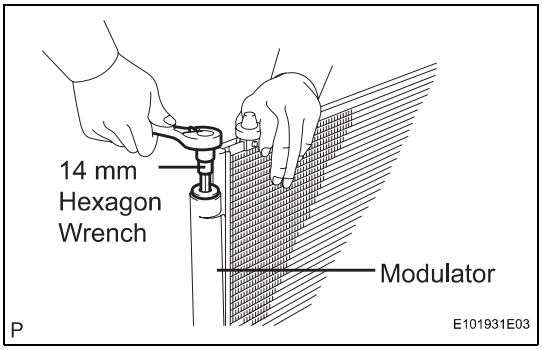


1. INSTALL COOLER DRYER

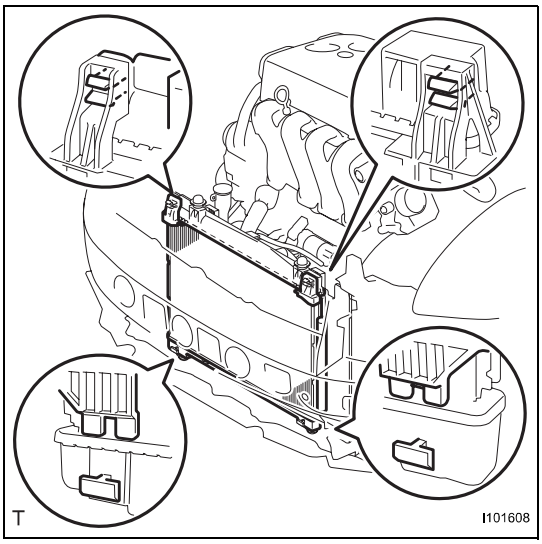
(a) Using pliers, install the cooler dryer onto the modulator.



(b) Apply sufficient compressor oil to a new O-ring and the fitting surface of the cap.
Compressor oil:
ND-OIL 8 or the equivalent



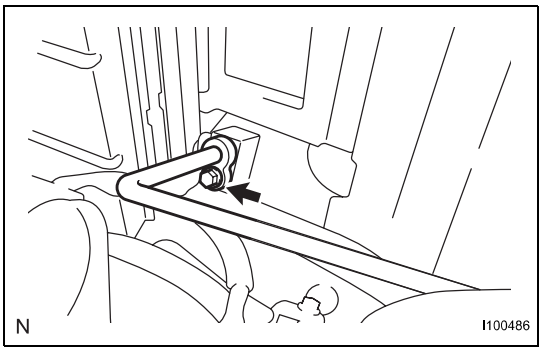
(c) Using a 14 mm straight hexagon wrench, install the cap onto the cooler condenser core.
Torque: 2.9 N*m (30 kgf*cm, 25 in.*lbf)



INSTALLATION

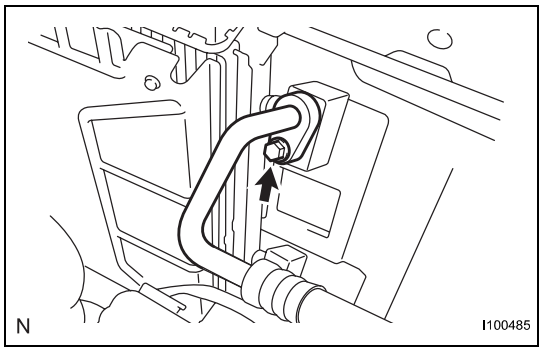
1. INSTALL CONDENSER

(a) Engage the 2 claws and install the condenser into the vehicle.
NOTICE:
Do not damage the condenser or radiator when installing the condenser.
HINT:
If a new condenser is installed, add compressor oil to the condenser as follows.
Compressor oil:
ND-OIL8 or the equivalent. Add 40 cc (1.35 fl. oz.)



2. INSTALL LIQUID TUBE SUB-ASSEMBLY A

(a) Remove the attached vinyl tape from the pipe and the connecting part of the cooler condenser.
(b) Apply sufficient compressor oil to a new O-ring and the fitting surface of the pipe joint.
Compressor oil:
ND-OIL8 or the equivalent
(c) Install the O-ring onto the liquid tube.
(d) Install the tube onto the condenser with the bolt.
Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)

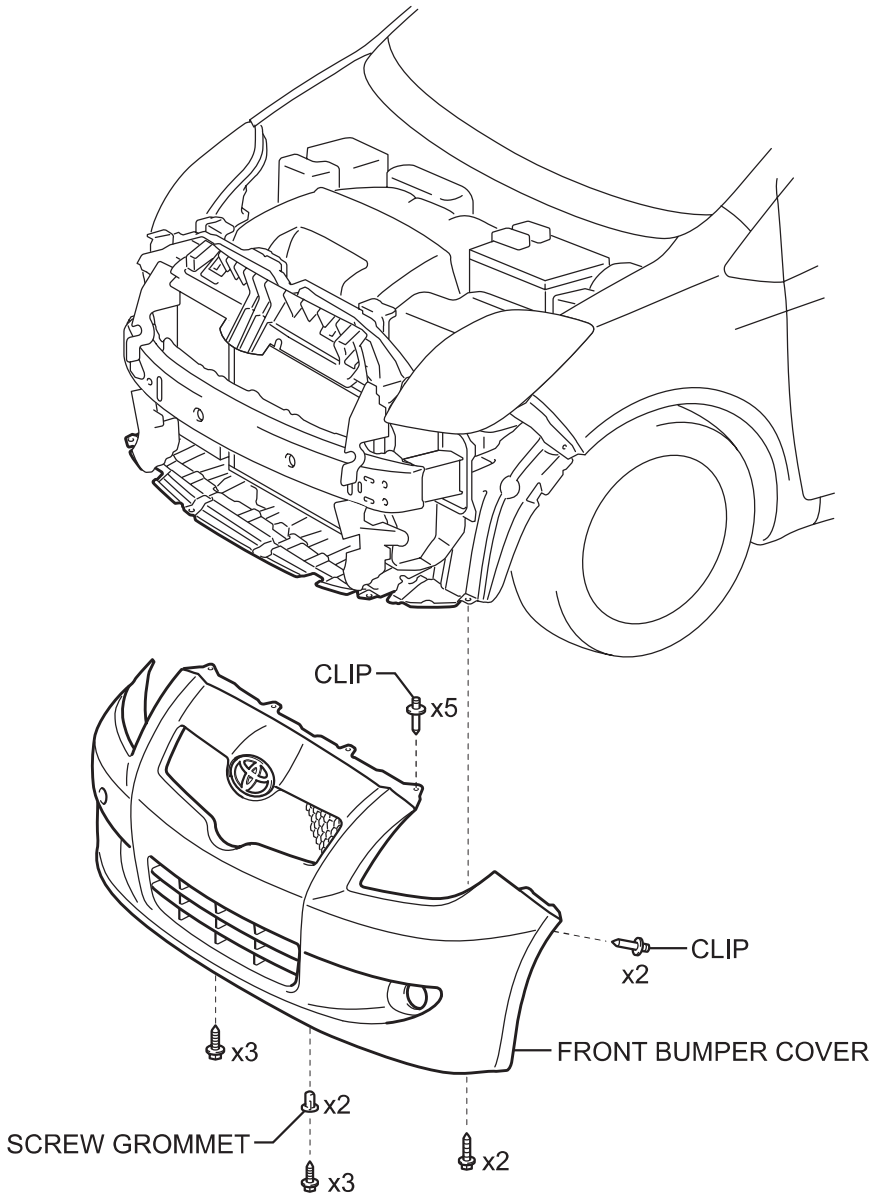


3. **INSTALL NO. 1 COOLER REFRIGERANT DISCHARGE HOSE**
   (a) Remove the attached vinyl tape from the hose and the connecting part of the cooler condenser.
   (b) Apply sufficient compressor oil to a new O-ring and the fitting surface of the hose joint.
   Compressor oil:
   ND-OIL8 or the equivalent
   (c) Install the O-ring onto the discharge hose.
   (d) Install the discharge hose onto the condenser with the bolt.
   Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)
4. **INSTALL RADIATOR SUPPORT SUB-ASSEMBLY UPPER (See page CO-40)**
5. **INSTALL HOOD LOCK ASSEMBLY (w/ Theft Deterrent System) (See page CO-40)**
6. **INSTALL HOOD LOCK ASSEMBLY (w/o Theft Deterrent System) (See page CO-41)**
7. **INSTALL NO. 1 COOLER COVER (See page CO-41)**
8. **INSTALL RADIATOR SUPPORT ABSORBER UPPER (See page CO-42)**
9. **INSTALL FRONT BUMPER COVER (See page ET-33)**
10. **ADJUST HOOD LOCK ASSEMBLY (See page CO-42)**
11. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
    Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)
12. **CHARGE REFRIGERANT (See page AC-67)**
13. **WARM UP ENGINE (See page AC-69)**
14. **CHECK FOR REFRIGERANT LEAK (See page AC-69)**

AMBIENT TEMPERATURE SENSOR

COMPONENTS

for Hatchback:



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