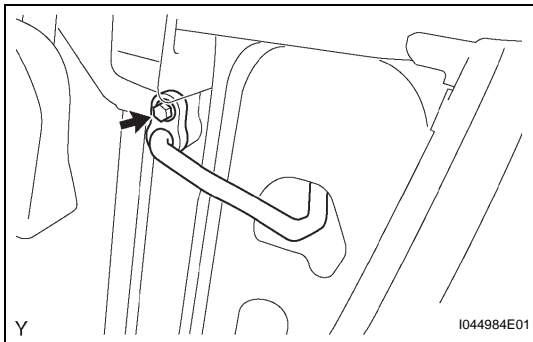


REMOVAL

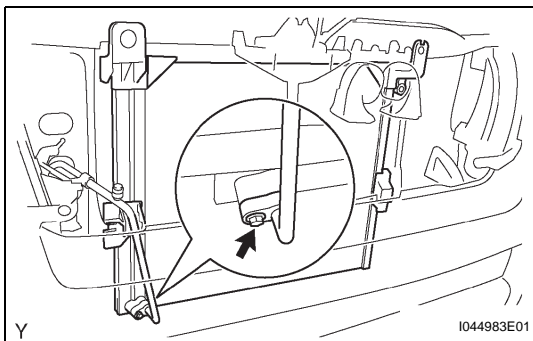
1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM (See page [AC-18](#))
2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
3. DRAIN ENGINE COOLANT (for 2TR-FE) (See page [CO-3](#))
4. DRAIN ENGINE COOLANT (for 1GR-FE) (See page [CO-3](#))
5. REMOVE RADIATOR GRILLE (See page [ET-4](#))
6. REMOVE RADIATOR SUPPORT TO FRAME SEAL LH (for 2TR-FE) (See page [CO-12](#))
7. REMOVE RADIATOR SUPPORT TO FRAME SEAL LH (for 1GR-FE) (See page [CO-15](#))
8. REMOVE FAN SHROUD (for 2TR-FE) (See page [CO-13](#))
9. REMOVE FAN SHROUD (for 1GR-FE) (See page [CO-15](#))
10. REMOVE RADIATOR ASSEMBLY (for 2TR-FE) (See page [CO-14](#))
11. REMOVE RADIATOR ASSEMBLY (for 1GR-FE) (See page [CO-15](#))



12. DISCONNECT DISCHARGE HOSE SUB-ASSEMBLY
 - (a) Remove the bolt and disconnect the discharge hose sub-assembly from the cooler condenser assembly.
 - (b) Remove the seal washer from the discharge hose sub-assembly.

NOTICE:

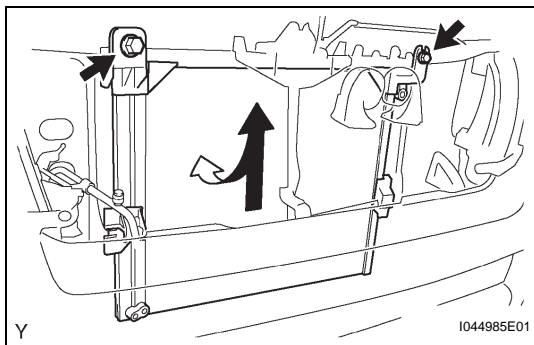
Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matter from entering.



13. DISCONNECT AIR CONDITIONING TUBE ASSEMBLY
 - (a) Remove the bolt and disconnect the air conditioning tube assembly from the cooler condenser assembly.
 - (b) Remove the seal washer from the air conditioning tube assembly.

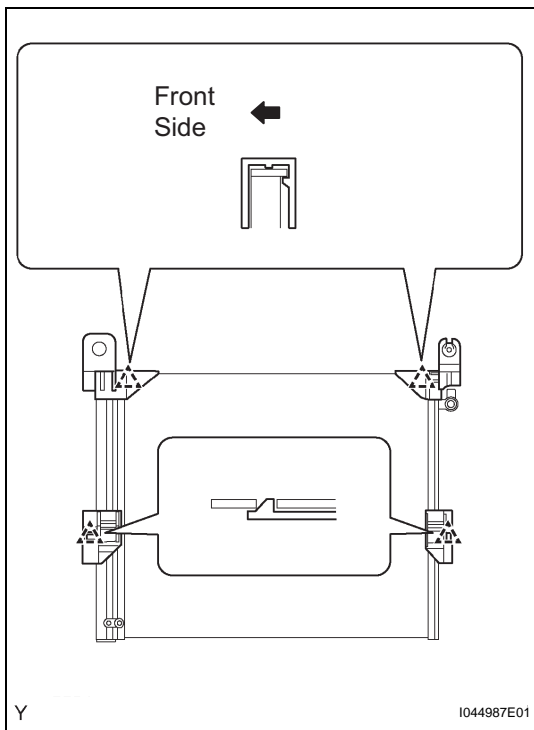
NOTICE:

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



14. REMOVE COOLER CONDENSER ASSEMBLY

- (a) Remove the 2 bolts.
- (b) Lift the condenser up, disengage the fitting of the condenser lower bracket and remove the condenser from the rear side of the vehicle.



- (c) Using a screwdriver, disengage the claw and remove the condenser upper bracket LH.

HINT:

Tape up the screwdriver tip before use.

- (d) Using a screwdriver, disengage the claw and remove the condenser upper bracket RH.

HINT:

Tape up the screwdriver tip before use.

- (e) Using a screwdriver, disengage the claw and remove the condenser lower bracket LH.

HINT:

Tape up the screwdriver tip before use.

- (f) Using a screwdriver, disengage the claw and remove the condenser lower bracket RH.

- (g) Remove the condenser.

HINT:

At the time of installation, please refer to the following instructions. If installing a new condenser, add compressor oil to the condenser.

Compressor oil:

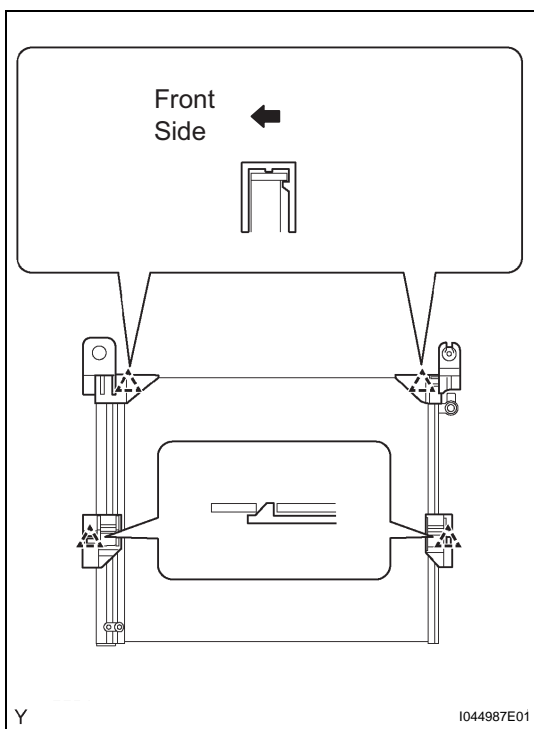
RL-897 or equivalent

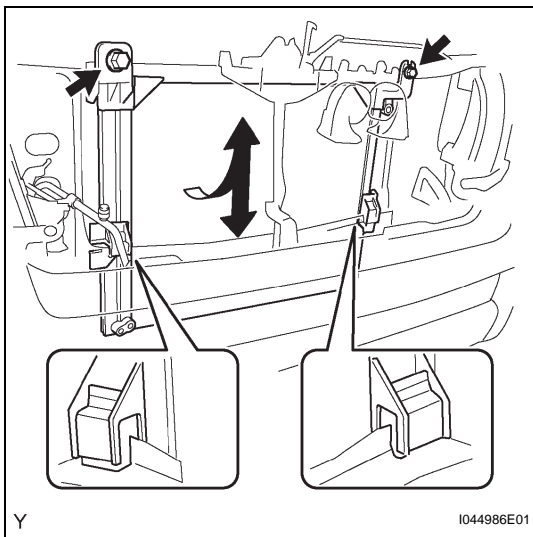
Add 40 cc (1.4 fl.oz.)

INSTALLATION

1. INSTALL COOLER CONDENSER ASSEMBLY

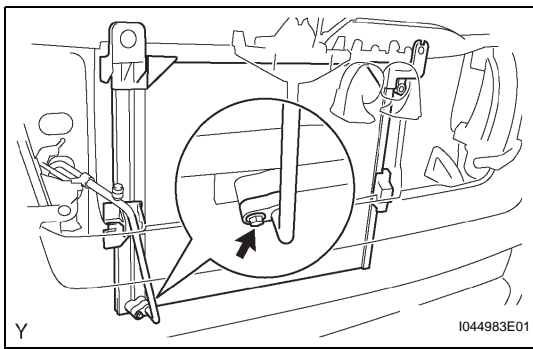
- (a) Engage the claw and install the condenser upper bracket LH.
- (b) Engage the claw and install the condenser upper bracket RH.
- (c) Engage the claw and install the condenser lower bracket LH.
- (d) Engage the claw and install the condenser lower bracket RH.





- (e) Lift the condenser up from the rear side of the vehicle, and install the condenser lower brackets onto the upper part of the radiator lower supports with the 2 bolts.

Torque: 9.0 N*m (92 kgf*cm, 80 in.*lbf)



2. INSTALL AIR CONDITIONING TUBE ASSEMBLY

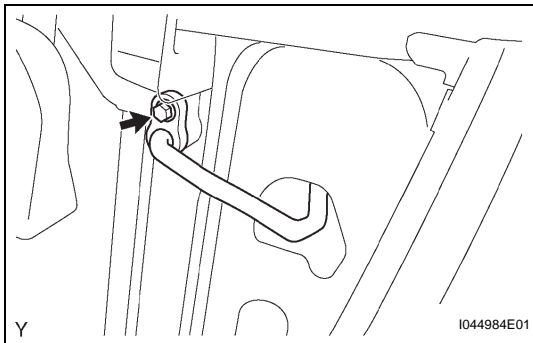
- (a) Remove the attached vinyl tape from the pipe and the connecting part of the cooler condenser assembly.
- (b) Apply sufficient compressor oil to a new seal washer and the fitting surface of the pipe joint.

Compressor oil:

RL-897 or equivalent

- (c) Install the seal washer onto the air conditioning tube assembly.
- (d) Install the air conditioning tube assembly onto the cooler condenser assembly with the bolt.

Torque: 7.5 N*m (76 kgf*cm, 66 in.*lbf)



3. INSTALL DISCHARGE HOSE SUB-ASSEMBLY

- (a) Remove the attached vinyl tape from the hose and the connecting part of the cooler condenser assembly.
- (b) Apply sufficient compressor oil to a new seal washer and the fitting surface of the hose joint.

Compressor oil:

RL-897 or equivalent

- (c) Install the seal washer onto the discharge hose sub-assembly.
- (d) Install the discharge hose sub-assembly onto the cooler condenser assembly with the bolt.

Torque: 7.5 N*m (76 kgf*cm, 66 in.*lbf)

4. INSTALL RADIATOR ASSEMBLY (for 2TR-FE) (See page CO-17)

5. INSTALL RADIATOR ASSEMBLY (for 1GR-FE) (See page CO-19)

6. INSTALL FAN SHROUD (for 2TR-FE) (See page CO-18)

7. INSTALL FAN SHROUD (for 1GR-FE) (See page CO-20)

8. **INSTALL RADIATOR SUPPORT TO FRAME SEAL LH (for 2TR-FE) (See page [CO-19](#))**
9. **INSTALL RADIATOR SUPPORT TO FRAME SEAL LH (for 1GR-FE)**
10. **INSTALL RADIATOR GRILLE (See page [ET-11](#))**
11. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
12. **ADD ENGINE COOLANT (for 2TR-FE) (See page [CO-3](#))**
13. **ADD ENGINE COOLANT (for 1GR-FE) (See page [CO-3](#))**
14. **CHECK FOR ENGINE COOLANT LEAKAGE (for 2TR-FE) (See page [CO-2](#))**
15. **CHECK FOR ENGINE COOLANT LEAKAGE (for 1GR-FE) (See page [CO-4](#))**
16. **CHARGE REFRIGERANT (See page [AC-18](#))**
17. **WARM UP ENGINE (See page [AC-19](#))**
18. **CHECK FOR REFRIGERANT LEAKAGE (See page [AC-19](#))**