

Evaporator Core: Service and Repair

EVAPORATOR REMOVAL

1. Discharge refrigerant from refrigeration system.
2. Remove blower unit. See: Blower Motor/Service and Repair
3. Remove evaporator.

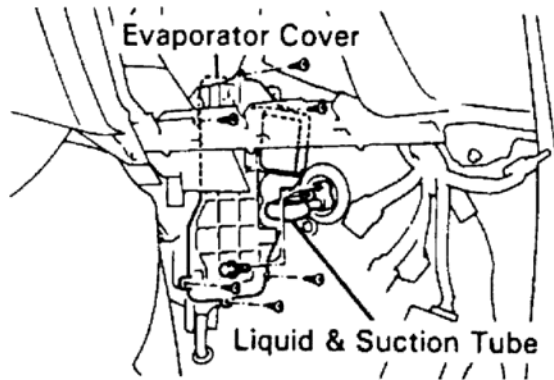
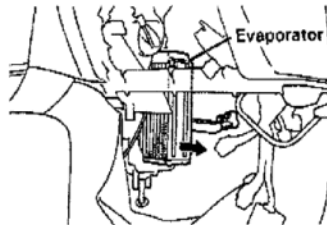


Fig. 39 Evaporator Core Replacement

- a. Remove the 2 bolts for the liquid and suction tube. Torque: 10 Nm (100 kgf.cm. 7 ft.lb.).
- b. Remove the 8 screws and the evaporator cover.



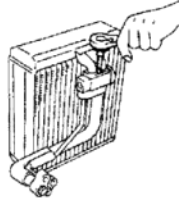
- c. Pull and remove the evaporator.

EVAPORATOR INSTALLATION

1. Installation is in the reverse order of removal.

IMPORTANT: Lubricate the new O-rings with compressor oil and install the tubes.

Expansion Valve: Service and Repair



EXPANSION VALVE REMOVAL

1. REMOVE EVAPORATOR See: Evaporator Core/Service and Repair
2. REMOVE EXPANSION VALVE
Using a hexagon wrench, remove the 2 bolts and separate the evaporator and expansion valve.

Torque: 5.4 N-m (55 kgf.cm, 48 in.lbf)

INSTALLATION HINT: Lubricate 4 new O-rings with the compressor oil and install the tubes.

EXPANSION VALVE INSTALLATION

Installation is in the reverse order of removal.