



Overhaul

NOTE: The blower motor and the recirculation control motor can be replaced without removing the evaporator/blower unit.

1. Remove the filter lid and the dust and pollen filter assemblies, then remove the bolts and the recirculation housing. If necessary, remove the self-tapping screws and the recirculation control motor.
2. If necessary, remove the self-tapping screws, the blower motor, the self-tapping screws and the power transistor.
3. Pull out the evaporator temperature sensor. Remove the self-tapping screws, then carefully separate the housings. Remove the evaporator.
4. If necessary, remove the expansion valve and the evaporator lines.

NOTE: When loosening the nuts of the expansion valve, use a second wrench to hold the expansion valve. Otherwise, they can be damaged.

5. Assemble in the reverse order of disassembly. Make note of following items.

- Replace the O-rings with new ones at each fitting and apply a thin coat of refrigerant oil before installing them.

NOTE: Be sure to use the right O-rings for HFC-134a (R-134a) to avoid leakage.

- Install the expansion valve capillary tube with the capillary tube in contact with the outlet line directly, and wrap it with tape.

NOTE: Make sure there is no foreign matter stuck between the capillary tube and the outlet line.

- Reinstall the evaporator temperature sensor to its original location.
- When removing recirculation control motor, make sure that the recirculation control doors and linkage move smoothly without binding.
- After reassembly, make sure the recirculation control motor runs smoothly (see page 22-59).
- Make sure that there is no air leakage.

