

A/C System Service

Discharge



⚠ WARNING

- Keep away from open flames. The refrigerant, although nonflammable, will produce a poisonous gas if burned.
- Work in a well-ventilated area. Refrigerant evaporates quickly, and can force all the air out of a small enclosed area.

NOTE: Only use a gauge set for refrigerant HFC-134a (R-134a).

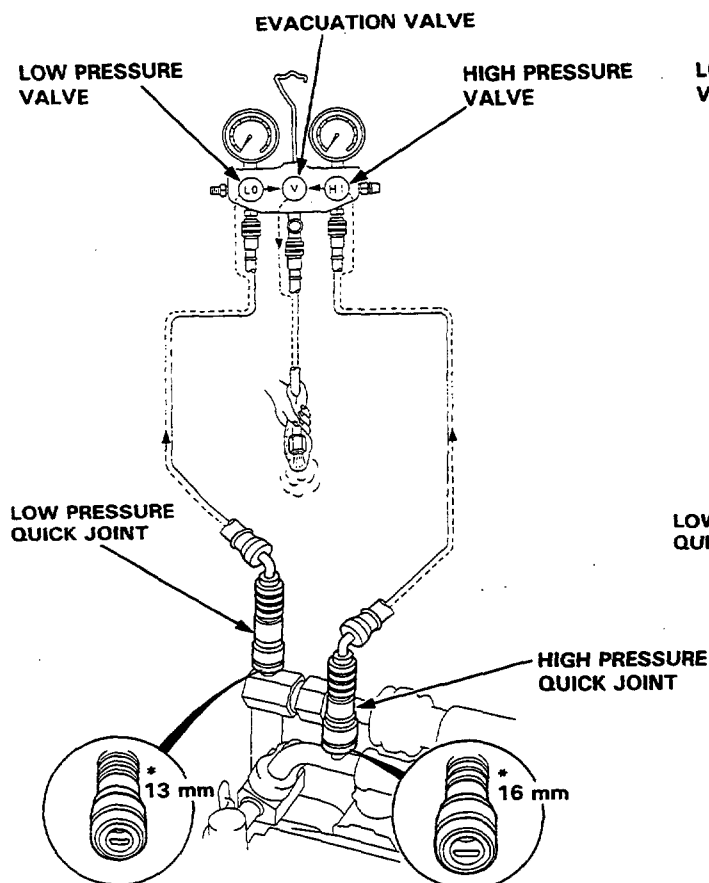
1. Connect the R-134a gauges as shown.
2. Disconnect the center hose of the gauge set and place the free end in a shop towel.
3. Open the evacuation valve (in case of two valve gauge: open the evacuation stop valve).

4. Slowly open the high pressure valve slightly to let refrigerant flow from the center hose only. Do not open the valve too wide. Check the shop towel to make sure no oil is being discharged with the refrigerant.

CAUTION: If you allow refrigerant to escape too fast, compressor oil will be drawn out of the system.

5. After the high pressure gauge reading has dropped below 1,000 kPa (10 kgf/cm², 142 psi), open the low side valve to discharge both high and low sides of the system.
6. Note the gauge reading, and as system pressure drops, gradually open both high and low side valves fully until both gauges indicate 0 kPa (0 kgf/cm² 0 psi).

THREE VALVE GAUGE



TWO VALVE GAUGE

