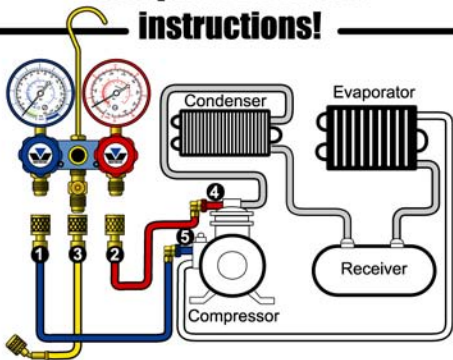


Complete E-Z to use instructions!



High (4) and Low (5) service port locations may vary.

Operating instructions:

Manifold assembly instructions:

1. Close both valves on manifold set by turning them clockwise until they stop.
2. The gauges are calibrated at the factory before shipment. If calibration is required, remove the lens. Insert a straight blade screwdriver into the adjusting screw on the gauge face and turn the screw until the dial points to zero.
3. Attach the Red and Blue adapters to the end of the Red and Blue hoses. Tighten each connection securely.
4. Attach the Red hose to the right side connection (2) and the Blue Hose to the left side connection (1). Attach the yellow hose fitting, without the depressor, to the center connection. Finger tighten all connections.

Hook-Up for System Diagnosis:

Verify that service ports are clean and free of metal shavings.
Verify that both valves on the manifold are shut completely.
Connect blue adapter to low side service port (5).
Connect red adapter to high side service port (4).
Start engine. Turn A/C mode selector to HIGH and fan to HIGH.
Observe pressure on the manifold gauges and refer to your automotive manual for proper diagnosis.

Charging Refrigerant:

- Verify that both valves on the manifold are shut completely.
- Turn on car and A/C system, (this will aid in charging of the Refrigerant).
- Connect the other end of the yellow hose (3) to Refrigerant Gas supply. (Follow refrigerant manufacturer's instructions for proper dispensing).
- Open manifold low side (blue) valve slowly until pressure reaches 40 psi. Do not exceed 40 psi during the recharging process. Exceeding 40 psi could damage the compressor.
- When charging is finished, close low side (blue) valve.

Evacuation of system with Vacuum pump and leak testing:

- Verify that there is no refrigerant in the A/C system.
- Attach blue and red adapters to A/C system.
- Connect yellow hose to vacuum pump, turn on pump.
- Open manifold low side (blue) valve.
- Open manifold high side (red) valve.

**After system has been evacuated to a gauge reading of 29" Hg (inches of vacuum), run vacuum pump for 20 minutes.*

- Close both high and low side manifold valves.
- Allow system to sit and check gauges to verify vacuum remains.

System Schematic:

- Low side (blue) hose/adapter.
- High side (red) hose/adapter.
- Service (yellow) hose.
- Compressor discharge service valve (16mm dia.).
- Compressor suction service valve (13mm dia.).



Always wear safety goggles and gloves when working on your A/C system.



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