

Special Tools

Gauge set with charging hoses or evacuating and charging equipment	conventional
Wrench 1/2 X 9/16"	conventional
Ratchet spanner with square socket 6.5 mm in ratchet insert for actuating service valves with spindles	conventional

Note

When repairs are made, the system must be completely purged of refrigerant.

Caution! Observe safety precautions (refer to Job No. 83.0-810)!

Discharging the System

1 Remove plugs (4) and caps (5) of both service valves (Fig. 2).

2 With valves A and B on gauge set closed, connect hoses (5 and 9) to connections of service valves. On service valves with Schrader valve make sure that the offset end of the hose lines with pressure pin is connected to the connection of the two service valves (refer to Job No. 83.0-840, Fig. 2).

3 Connect hose line (10) to center connection of gauge set and introduce other end of hose line into a glass bottle.

4 On service valves with spindle, screw-in approx. one turn (Fig. 1).

5 Open valves A and B only slightly and let refrigerant flow slowly into glass bottle.

Caution! Do not drain refrigerant into car pit to prevent any risk of suffocation.

6 As soon as pressure gauges (3 and 4) indicate zero or only a slight overpressure, the system is empty. Screw spindles on service valves out and unscrew hose lines. The required repairs can then be made.

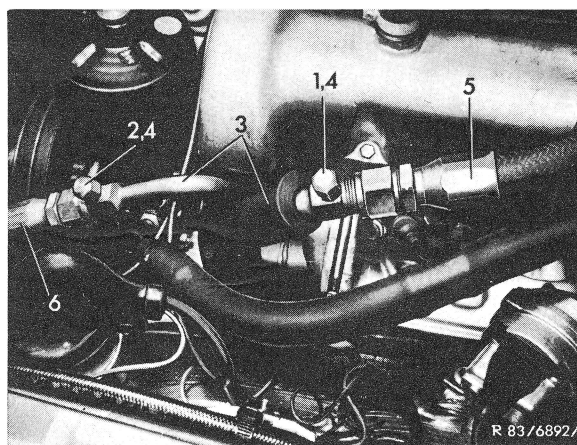


Figure 2
Service valves with Schrader valve

- | | |
|---------------------------------|---|
| 1 Service valve (suction end) | 5 Hose line from evaporator to compressor |
| 2 Service valve (discharge end) | 6 Hose line from compressor to condenser |
| 3 Pipeline | |
| 4 Plug | |

