

Conventional tools

Double end wrench 1/2" x 9/16"

Assembly tester with 3 filling hoses and vacuum pump or evacuating and filling unit (service unit) for air conditioning systems

e.g. made by Christof Fischer
Augsburger Straße 289, D-7000 Stuttgart 60

Ratchet wrench with square socket 6.5 mm in ratchet inset for service valve with spindle

conventional

Note

In the event of repairs on air conditioning system, drain entire system.

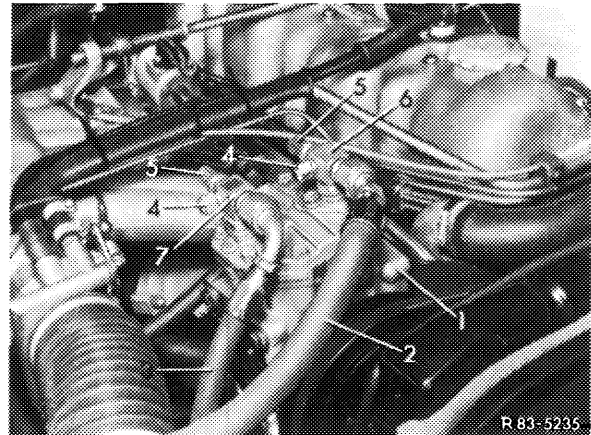
Attention!

Pay attention to safety rules (83–504).

Draining the system

- 1 Unscrew closing caps (1) of both service valves.

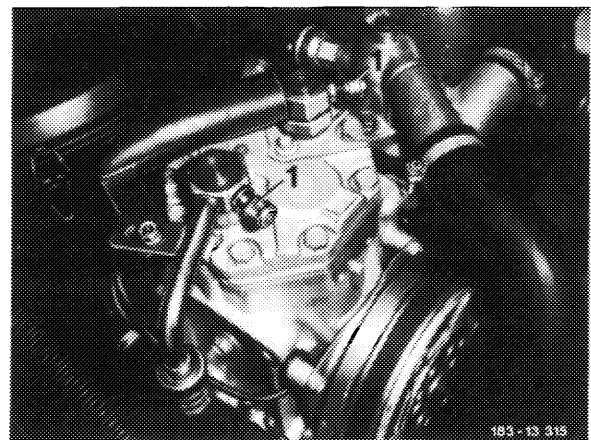
Service valves with spindle (version 1)



- 2 Connect assembly tester, evacuating and filling unit or two filling hoses to service valves. Make sure that the pressure pin in offset end of filling hose opens the Schrader valve elements in service valves. On service valves version 1, screw-in spindle for approx. 1/2 turn.

- 3 **Slowly** drain refrigerant either into a glass bottle or into the open air. If quickly drained, the refrigerant will carry the oil from system and refrigerant compressor along.

Service valves with Schrader valves (version 2)



Attention!

Do not drain refrigerant into assembly pits to avoid risk of suffocation.

4 The system is completely drained as soon as the pressure gauges indicate 0 bar or only a slight over-pressure, or when no more refrigerant comes out of connected filling hoses.

5 Unscrew hose lines and close service valves with closing caps. The required repairs can then be made.