Data

Version	Steel housing with sight glass
Contents	0.54 l
Fuse up to 09/81	Refrigerant should blow-off at 117° ± 3 °C
Pressure relief valve starting 10/81	Blows off at 40 ± 5 bar refrigerant. Closes at max. 5 bar below opening pressure
Temperature switch in receiver dehydrator	Cut-in point 62° or 52 °C ± 3 °C (starting 11/81) Temp. tolerance 7° – 12 °C
Pressure switch in receiver dehydrator	Cut-out pressure 2 ± 0.2 bar gauge pressure Cut-in pressure max. 0.6 bar above cut-out pressure

Tightening torques	Nm
Hose lines to receiver dehydrator	$16\ ^{+2}_{-1}$

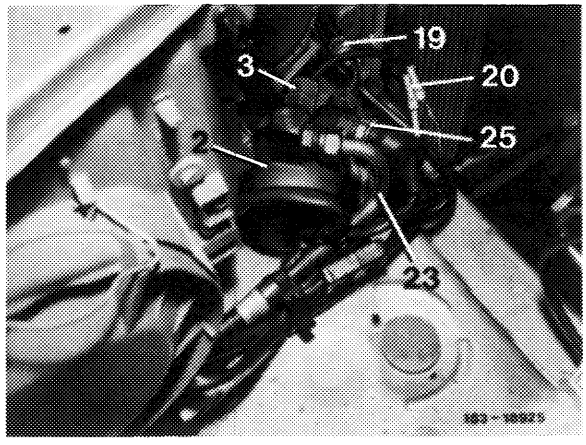
Note

In the event of operational trouble in air-conditioning system as a result of leaks, contamination or icing-up, as well as on air-conditioning systems which are left for long periods without refrigerant, install a **new** fluid reservoir as a general requirement.

Removal

1 Drain air-conditioning system (83–516).

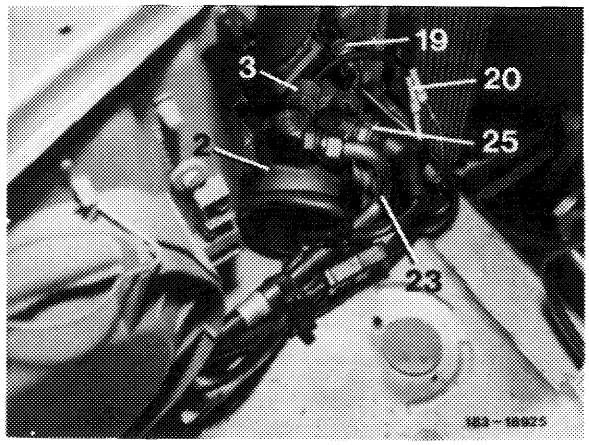
2 Disengage plug connection (20) from temperature switch (3) and pull electric plug from pressure switch (25). Then unscrew both switches.



3 Unscrew hose and pipe line (19 and 23) from receiver dehydrator.

4 Unscrew two screws (9) and remove receiver dehydrator.

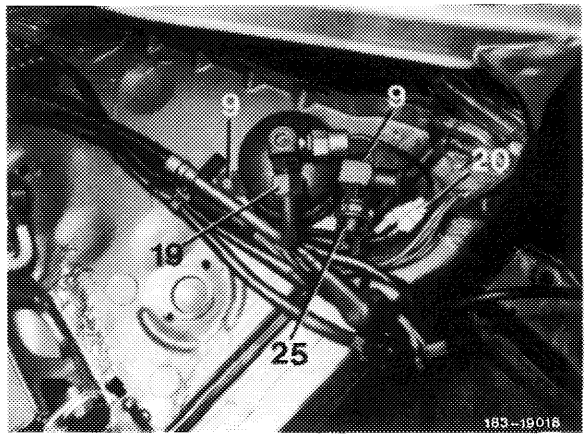
5 Close hose and pipe connection with lugs.



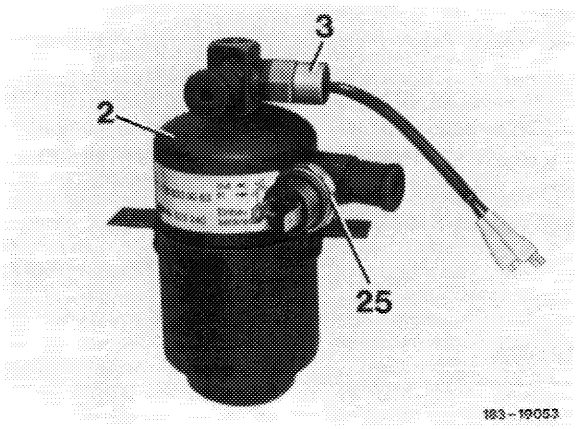
Installation

6 Screw temperature switch (3) and pressure switch (25) into receiver dehydrator (2). For tightening torques refer to 83–531 and 532.

7 Prior to installing new fluid reservoir, fill 10 cc of fresh compressor oil into lateral connection. Then fasten fluid reservoir with screws (9) and remove closing caps on connetions.



8 Screw-on hose and pipe line (19 and 23), while moistening threads and O-ring with refrigerant oil and applying counterhold with an open end wrench when tightening.



9 Connect plug connection (20), mount electric plug on pressure switch (25).

10 Evacuate air-conditioning system and refill (83–512 and 514).

11 Check air-conditioning system for function and leaks (83–510 and 512).