

Data

Version	steel housing with sight-glass
Contents	0.54 l
Fusible cutout up to September 1981 Pressure relief valve starting October 1981	refrigerant should blow off at $117^{\circ} \pm 3^{\circ}\text{C}$ pressure relief valve opens at 40 bar and closes at 36 bar
Temperature switch in receiver dehydrator	cut-in point $52^{\circ} \pm 3^{\circ}\text{C}$ temperature tolerance $7^{\circ} - 12^{\circ}\text{C}$
Pressure switch in receiver dehydrator	cut-out pressure 2 ± 0.6 bar gauge pressure cut-in pressure max. 0.6 bar above cut-out pressure

Tightening torques

		Nm	(kpm)
Pressure hose to receiver dehydrator	with Cu seal	45 ± 5	(4.5 ± 0.5)
	without Cu seal	55 ± 5	(5.5 ± 0.5)
Pipe line to receiver dehydrator	with Cu seal	30 ± 5	(3.0 ± 0.5)
	without Cu seal	45 ± 5	(4.5 ± 0.5)

Note

In the event of trouble on air conditioning system caused by contamination or icing up, as well as on air conditioning system not provided with a refrigerant for a considerable period, a **new** receiver dehydrator should generally be installed.

Removal

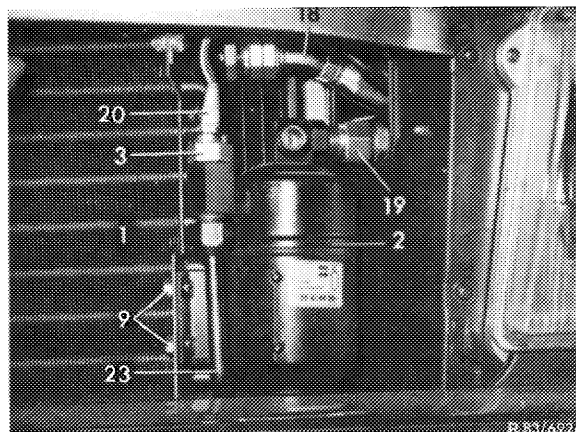
1 Drain air conditioning system (83–516).

2 Separate plug connection (20) from temperature switch (3). 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 nuts (9) and remove receiver dehydrator.

5 Close hose and pipe connection with plug.



Installation

- 6 Screw new receiver dehydrator to condenser with nuts (9) and snap rings.
- 7 Screw-on hose and pipe line (19 and 23), while moistening threads with cold-flowing oil and applying counterhold with an open-end wrench while tightening.
- 8 Screw temperature switch (3) and pressure switch (25) into receiver dehydrator (2). Join plug connection (20) and mount electric plug to pressure switch.
- 9 Evacuate air conditioning system and fill up again (83–512 and 514).
- 10 Check air conditioning system for function (83–510).