

Data

Version	steel housing with sight-glass		
Contents	0.54 l		
Fuse	refrigerant should blow off at $117^{\circ} \pm 3^{\circ}\text{C}$		
Temperature switch in receiver dehydrator	cut-in point	$62^{\circ} \pm 3^{\circ}\text{C}$	
	temperature tolerance	$7^{\circ} - 12^{\circ}\text{C}$	
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	(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 systems not provided with a refrigerant for a considerable period, a **new** receiver dehydrator should generally be installed.

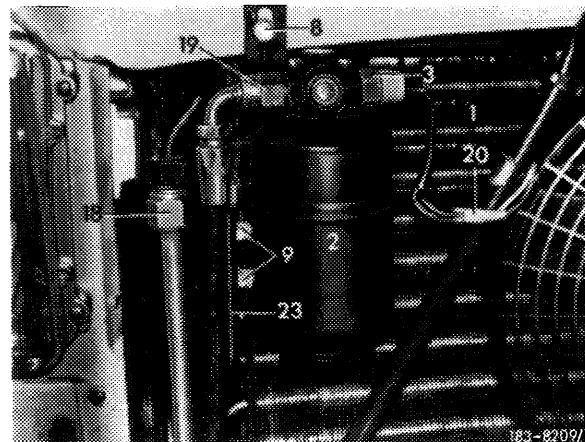
Removal

- 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.

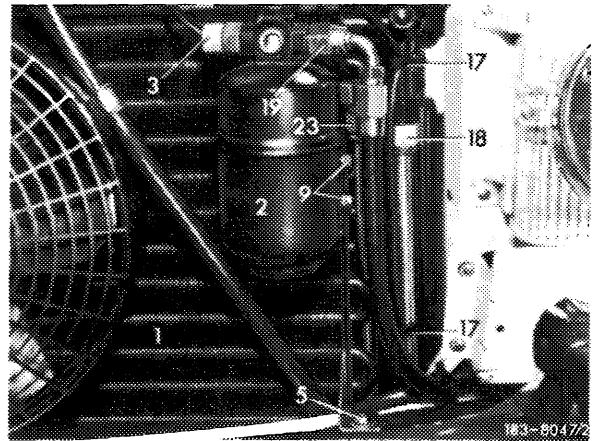
Layout receiver dehydrator on condenser of right-hand steering vehicle (model 116.020, 116.024 left-hand steering 1st version)

- 1 Condenser
- 2 Receiver dehydrator
- 3 Temperature switch
- 8 Screw with nut, washer and snap ring
- 9 Nut with snap ring
- 18 Pipe line from compressor to condenser
- 19 Hose line from receiver dehydrator to expansion valv
- 20 Plug
- 23 Pipe line



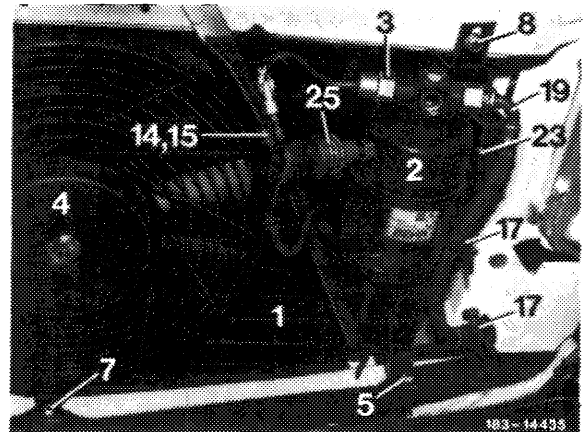
Layout receiver dehydrator (left-hand steering)

- 1 Condenser
- 2 Receiver dehydrator
- 3 Temperature switch
- 5 Sheet-metal screw with washer
- 9 Nut with snap ring
- 17 Cable band
- 18 Pipe line from compressor to condenser
- 19 Hose line from receiver dehydrator to expansion valve
- 23 Pipe line



Receiver dehydrator with pressure switch

- 1 Condenser
- 2 Receiver dehydrator
- 3 Temperature switch
- 4 Blower
- 5 Sheet-metal screw with washer
- 14 Fastening clip
- 15 Fastening clip
- 17 Cable band
- 19 Hose line from receiver dehydrator to expansion valve
- 23 Pipe line
- 25 Pressure switch



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).