

Data

Version	Steel housing with sightglass		
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	$62^{\circ} \pm 3^{\circ}\text{C}$ (type 114)	
		$52^{\circ} \pm 3^{\circ}\text{C}$ (type 115)	
	Temperature tolerance	$7^{\circ} - 12^{\circ}\text{C}$	

Tightening torques

Hose lines to receiver dehydrator	with Cu seal	45 ± 5	(4.5 ± 0.5)
	without Cu seal	55 ± 5	(5.5 ± 0.5)

Note

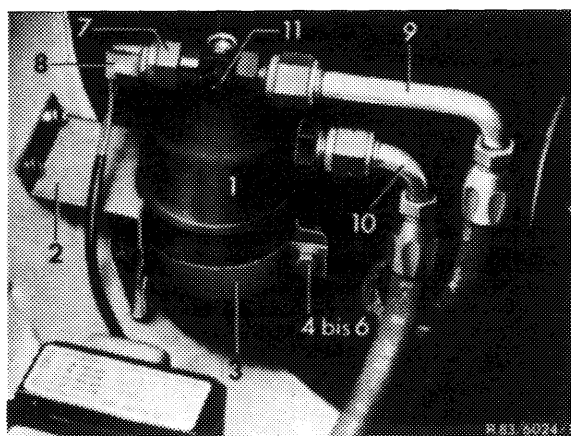
In the event of trouble on air conditioning system caused by contamination or icing-up, as well as on air conditioning systems without refrigerant, a new receiver dehydrator should generally be installed. In accordance with extent of contamination, the air conditioning system should be flushed with refrigerant R 11 or blown out with refrigerant R 12 or nitrogen prior to installing new receiver dehydrator.

Removal

- 1 Drain air conditioning system (83—516).
- 2 Pull both plugs from temperature switch (7) and unscrew temperature switch.

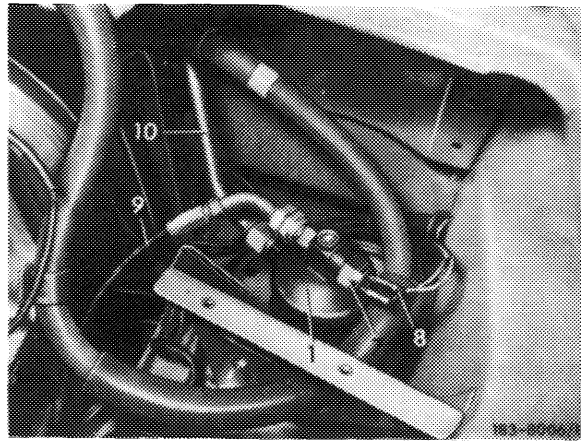
Layout of receiver dehydrator (lefthand steering)

- | | |
|-----------------------|---|
| 1 Receiver dehydrator | 9 Hose line from receiver dehydrator to expansion valve |
| 2 Holder | 10 Hose line from condenser to receiver dehydrator |
| 3 Clip | 11 Fuse |
| 4 Screw | |
| 5 Snap ring | |
| 6 Nut | |
| 7 Temperature switch | |
| 8 Plug | |



Layout of receiver dehydrator
(righthand steering model 114.06/07)

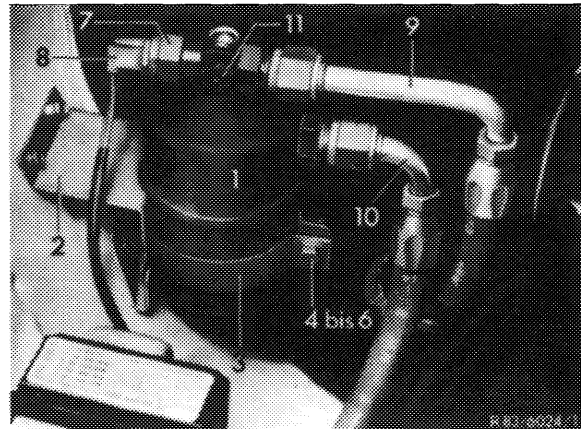
- 1 Receiver dehydrator
- 7 Temperature switch
- 8 Plug
- 9 Hose line from receiver dehydrator to expansion valve
- 10 Pipe line from condenser to receiver dehydrator



3 Unscrew hose or pipe line (9 and 10) from receiver dehydrator.

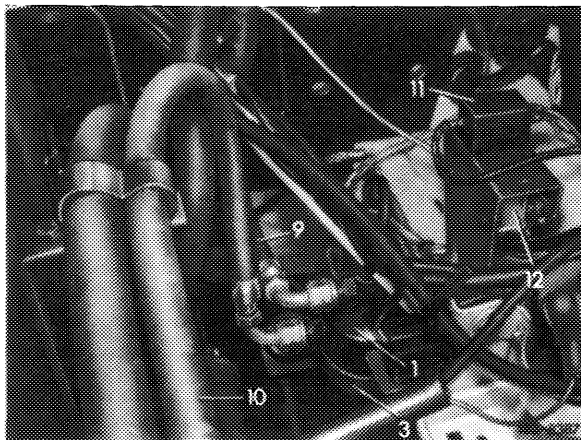
Layout of receiver dehydrator (lefthand steering)

- 1 Receiver dehydrator
- 2 Holder
- 3 Clip
- 4 Screw
- 5 Snap ring
- 6 Nut
- 7 Temperature switch
- 8 Plug
- 9 Hose line from receiver dehydrator to expansion valve
- 10 Hose line from condenser to receiver dehydrator
- 11 Fuse



Layout receiver dehydrator (righthand steering model 114, 115 except 114.06/07)

- 1 Receiver dehydrator
- 3 Clip
- 9 Hose line from receiver dehydrator to expansion valve
- 10 Hose line from condenser to receiver dehydrator
- 11 Additional fuse box for air conditioning system and auxiliary fan
- 12 Relay for air conditioning system

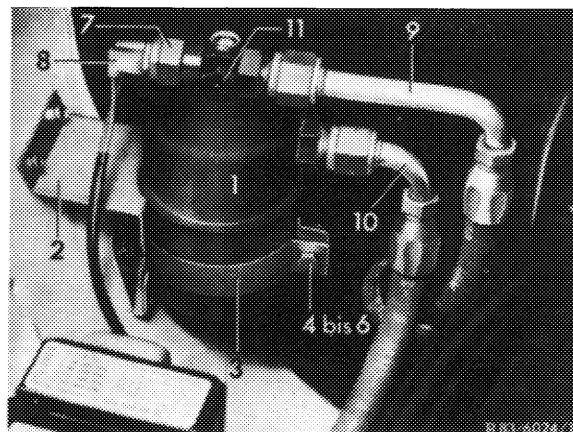


4 Loosen screw (4) and pull out receiver dehydrator (1) in upward direction.

5 Close hose or pipe connections with plugs.

Installation

6 Screw new receiver dehydrator to holder (2) by means of fastening clip (3) and parts item 4 to 6.



7 Screw-on hose or pipe line (9 and 10), while moistening threads with cold-flowing oil and applying counterhold with an open end wrench while tightening.

8 Screw temperature switch (7) into receiver dehydrator and plug-on the two plugs (8).

9 Evacuate air conditioning system and fill up again (83—512 and 514).

10 Check air conditioning system for function (83—510).