

107.044

107.024

Data

Design	steel housing with sight glass	
Capacity	540 cc	
Fuse	refrigerant should blow off at $117^{\circ} \pm 3^{\circ} \text{C}$	
Temperature switch in receiver	cut-in point	$62^{\circ} \pm 3^{\circ} \text{C}$
	temperature tolerance	$7^{\circ} - 12^{\circ} \text{C}$

Tightening Torques in kpm

	with Cu-seal	without Cu-seal
Discharge hose to receiver	4.5 ± 0.5	5.5 ± 0.5
Pipeline to receiver	3.0 ± 0.5	4.5 ± 0.5

Note

In the event of trouble in air-conditioning system as the result of contamination or icing up, or in air-conditioning systems containing no refrigerant, a **new** receiver must be installed as a rule.

Removal

- 1 Drain air-conditioning system (83.0–850).
- 2 Pull both plugs from temperature switch (3) and unscrew temperature switch (Fig. 1).
- 3 Unscrew hose and pipeline (19 and 23) from receiver.
- 4 Unscrew two hex. nuts (9) and remove receiver.
- 5 Close hose and pipe connection with plugs.

Installation

- 6 Screw new receiver to condenser by means of hex. nuts (9) and lock washers.
- 7 Screw-on hose and pipeline (19 and 23), moistening threads with refrigeration oil and applying counterhold with open end wrench while tightening.
- 8 Screw temperature switch (3) into receiver and insert both plugs (20).
- 9 Evacuate air-conditioning system and fill up with fresh refrigerant (83.0–830 and 840).
- 10 Check air-conditioning system for performance (83.1–510).

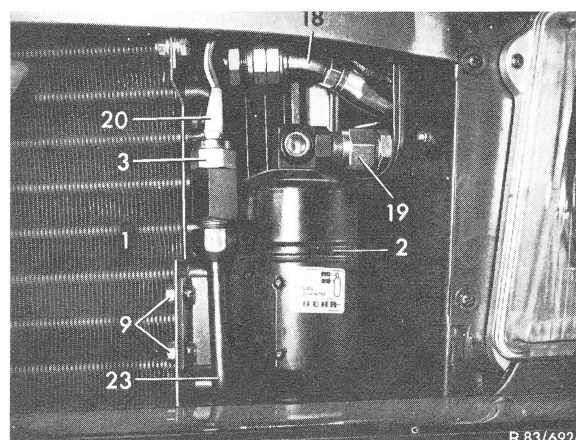


Figure 1 Layout of receiver on condenser

- 1 Condenser
- 2 Receiver
- 3 Temperature switch
- 9 Hex. nut with lock washer
- 18 Hose line from compressor to condenser
- 19 Hose line from receiver to expansion valve
- 20 Plug
- 23 Pipeline