

**Data**

Version	Steel housing with sight glass
Fuse	Coolant should blow off at $117^{\circ} \pm 3^{\circ} \text{C}$
Temperature switch in receiver dehydrator	Cutting-in point: $52^{\circ} \pm 3^{\circ} \text{C}$ (Diesel models 4/5 cylinders) Cutting-in point: $62^{\circ} \pm 3^{\circ} \text{C}$ (Gasoline models 4/6 cylinders) Temp. tolerance: $7^{\circ} - 12^{\circ} \text{C}$
Pressure switch in receiver dehydrator	Cutting-out pressure: $2 \pm 0.2 \text{ bar gauge}$ Cutting-in pressure: max. 0.6 bar above cutting-out pressure

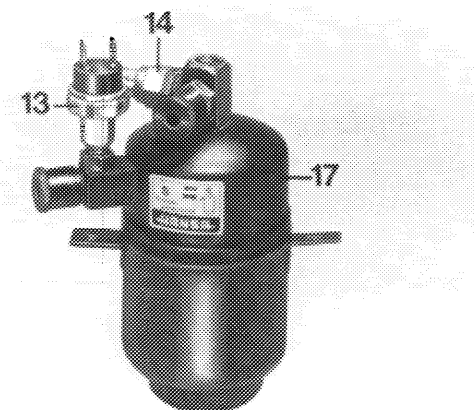
Tightening torques	Nm	(kpm)
Hose lines to receiver dehydrator	15–18	(1.5–1.8)

**Note**

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

**Removal**

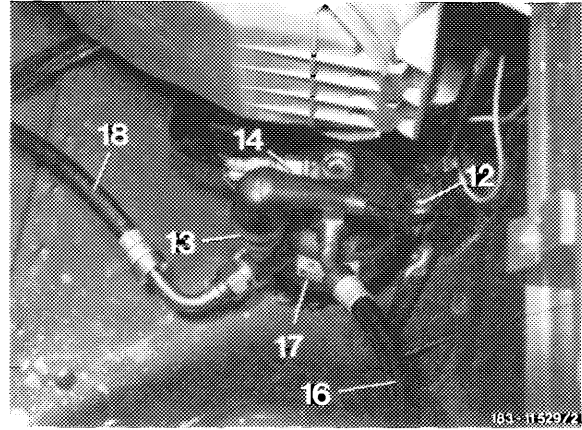
Drain air-conditioning system (83–516).



2 Pull electric plug from temperature switch (14) and from pressure switch (13) and unscrew both screws.

3 Unscrew hose lines (16 and 18) from receiver dehydrator (17). Close connections blind.

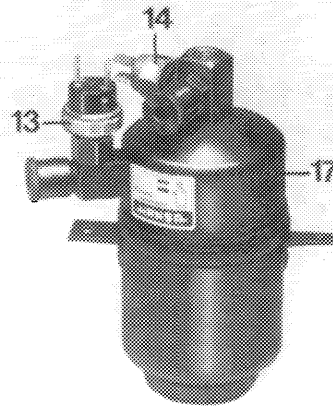
4 Unscrew two screws (12) and remove receiver dehydrator (17).



## Installation

5 Attach new receiver dehydrator with screws (12).

6 Mount temperature switch (14) and pressure switch (13) on receiver dehydrator (17). On pressure switch 1st version (cone seal), moisten threads and cone with cold-flowing oil. Pressure switch (2nd version) with O-ring (13) check and renew, if required (83-532).



2nd version

183-14730

7 Mount electric plug on temperature switch (14) as well as on pressure switch (13).

8 Evacuate air-conditioning system and refill (83-514).

9 Check air-conditioning system for function (83-510).

- a From condenser
- b To expansion valve
- c Fuse

