

**Data**

Surface area/depth	17.0 dm <sup>2</sup> /62 mm 3 rows or 17.0 dm <sup>2</sup> /40 mm 2 rows (with auxiliary fan)		
Version	Copper pipe and aluminum ribs (version 1) Aluminum pipe with aluminum ribs (version 2)		
<b>Tightening torques</b>		<b>Nm</b>	<b>(kpm)</b>
Hose line (18) to condenser	<b>with</b> Cu seal	45 ± 5	(4.5 ± 0.5)
Hose line (19) to condenser	<b>without</b> Cu seal	55 ± 5	(5.5 ± 0.5)

**Conventional tool**

Double open end wrench 19 mm and 22 mm

**Note**

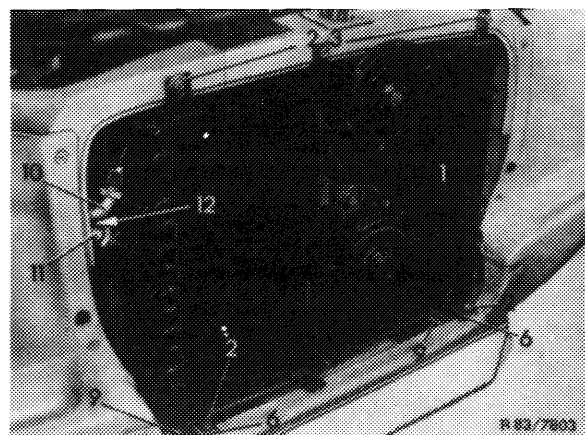
If the condenser is not immediately reinstalled, it will be of advantage to flush condenser with refrigerant R 11 or blow out with refrigerant R 12 or nitrogen. Then close connections with plug.

**Removal**

- 1 Drain air conditioning system (83—516).
- 2 Unscrew hose lines (10 and 11) from condenser. Close hose and pipe connections with plugs.

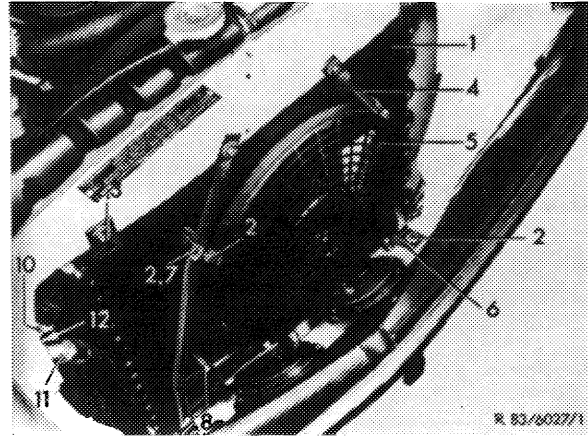
Condenser (3 rows) on radiator mounting frame and cross member (version 1)

- |                                   |  |
|-----------------------------------|--|
| 1 Condenser                       | 9 Sheet metal screw                                |
| 2 Screw with snap ring and washer | 10 Hose line from compressor to condenser          |
| 3 Sheet metal nut                 | 11 Hose line from condenser to receiver dehydrator |
| 6 Holder                          |  |



Condenser (version 2, 2 rows)  
with auxiliary fan

- 1 Condenser
- 2 Screw with snap ring and washer
- 3 Sheet-metal nut
- 4 Strut
- 5 Protective grille
- 6 Holder
- 7 Clip
- 8 Cable band
- 10 Hose from compressor to condenser
- 11 Hose from condenser to receiver dehydrator
- 12 Edge protection



3 Remove horn with strut or auxiliary fan with strut (83—546).

4 Unscrew screws (2) and remove condenser in forward direction.

### Installation

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**Note:** In the event of damage on condenser, the general rule is that dirt and moisture have entered air conditioning system.

If such a condition is suspected, blow out air conditioning system with nitrogen and replace receiver dehydrator (83—518 and 530).

5 Place condenser (1) on holder (6) and screw to holder (6) with parts item 2 and 3, as well as to radiator mounting frame. Make sure that the distance between the condenser and the radiator is the same at top and bottom. Condenser should never rest against radiator.

6 Connect hose lines (10 and 11) to condenser while moistening threads with cold-flowing oil.

7 Reinstall horn with strut or auxiliary fan with strut.

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

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