

83.1 Removal and Installation of Supplementary Fan

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Data

Speed	3,300 rpm
Voltage	12 V
Input	approx. 100 Watts

Removal

- 1 Disconnect battery.
- 2 Pull double coupling on reinforcement (24) front right in engine compartment from clamp (22) and loosen plug connection (Fig. 1).

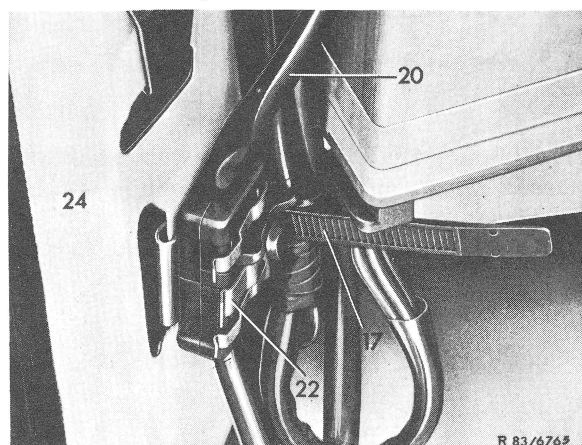


Figure 1
Layout of plug connection for supplementary fan on reinforcement front right

- | | |
|------------------|------------------------|
| 17 Cable band | 22 Clamp |
| 20 Line assembly | 24 Reinforcement front |

- 3 Expose line assembly (20) up to supplementary fan (4) while opening cable band (17) (Fig. 1 and 2).

- 4 Unscrew both fastening clips (14) at left and right on supplementary fan and remove supplementary fan.

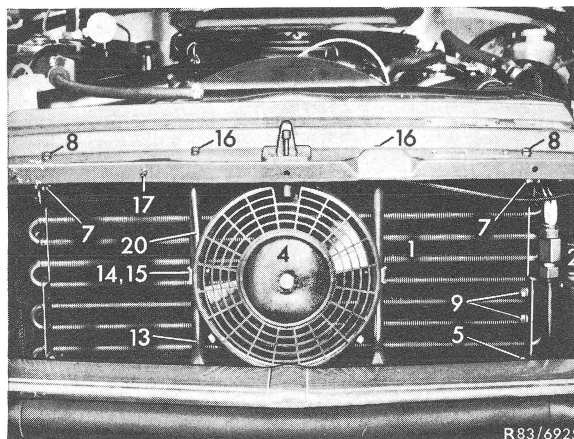


Figure 2 Layout of supplementary fan

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|---|
| 1 Condenser |
| 2 Receiver |
| 4 Supplementary fan |
| 5 Sheet metal screw with washer |
| 7 Hex. screw with nut, washer and lock washer |
| 8 Hex. screw with washer, lock washer and hex. nut |
| 9 Hex. nut with lock washer |
| 13 Strut |
| 14 Fastening clip |
| 15 Combination screw |
| 16 Hex. screw with washer, lock washer and hex. nut |
| 17 Cable band |

Installation

- 5 Screw supplementary fan with two fastening clips (14) and combination screws (15) to struts (13).

- 6 Attach line assembly with cable band (17) to right-hand strut (13) and to reinforcement front.

- 7 Connect double plug of supplementary fan with double coupling of line assembly and mount with clamp (22) as shown in Fig. 1.

- 8 Check supplementary fan for performance by shorting the two flat plugs on temperature switch (3). Observe direction of rotation of fan.