

Subsequent Installation of Rear Compartment or Underseat Heating and Blower

Job No.

83—10

(Optional Extra, SA 55 301/2)

To improve the heating in the rear compartment, an underseat heating system can be subsequently installed. The heater unit and blower (15) is screwed to the floor panel under the left front seat (Fig. 83—10/1).

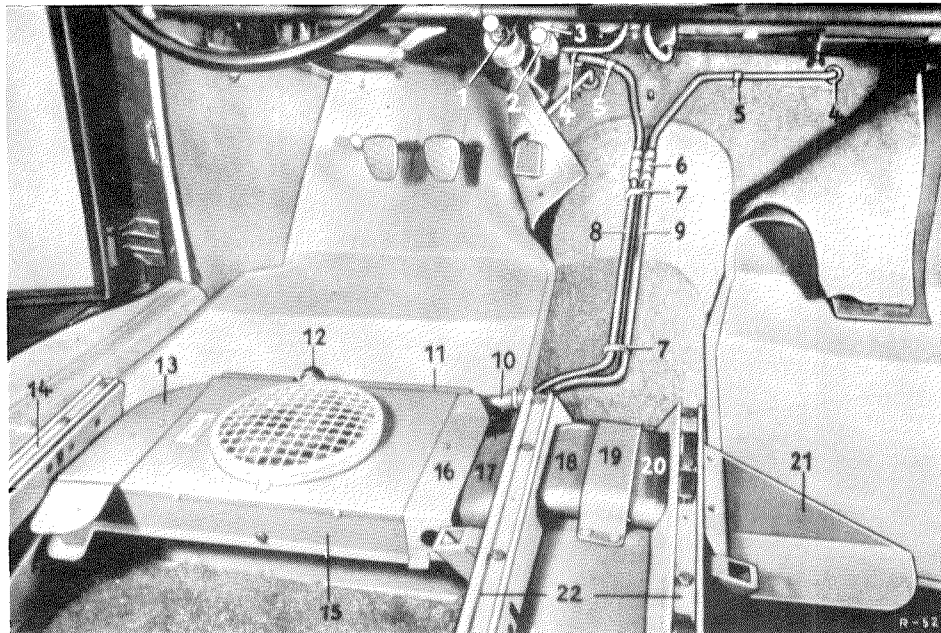


Fig. 83—10/1

- | | |
|---|-------------------------------|
| 1 Pump for windshield washer | 12 Regulating valve |
| 2 Two-position electric pull switch for underseat heating | 13 Left air outlet |
| 3 Bracket for pull switch | 14 Front seat support left |
| 4 Rubber grommet 14 mm Ø | 15 Heater casing |
| 5 Clip | 16 Right distribution chamber |
| 6 Water hoses | 17 Rubber sleeve |
| 7 Clip | 18 Left air duct half |
| 8 Water pipe (feed) | 19 Clip |
| 9 Water pipe (return) | 20 Right air duct half |
| 10 Water hoses | 21 Right air outlet |
| 11 Cover plate | 22 Center front seat support |

Heating air for the left side of the rear compartment is supplied through the air outlet (13), and for the right side of the rear compartment through the air outlet (21). To install the two halves (18) and (20) of the air duct for the right air outlet, recesses must be made in the center front seat supports.

Cooling water is used also here as a source of heat for the heater unit. The water reaches the heater through the water pipe (8) and returns through the water pipe (9), both of which run along the transmission tunnel.

By means of regulating valve (12), the heating output can be regulated and water circulation through the unit can be interrupted.

The two-stage blower incorporated in the heater unit is operated by means of a pull switch (2).

The water for the heater unit of the underseat heating is taken from the feed pipe (1) for the heat exchangers of the air-conditioning system (Fig. 83 — 10/2) via a Tee-piece (2) and connecting hose (3), and the water returns to the return pipe of the heat exchangers of the air-conditioning system via another Tee-piece (2) and a water hose (3) (Fig. 83 — 10/3).

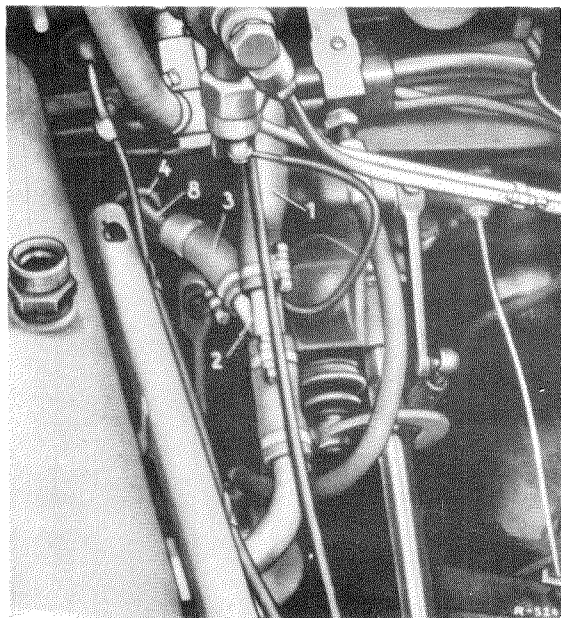


Fig. 83 — 10/2

- 1 Feed pipe for the heat exchangers of the air-conditioning system
- 2 Tee-piece 90°
- 3 Water hose
- 4 Rubber grommet in the cowl
- 8 Water pipe (underseat heating feed pipe)

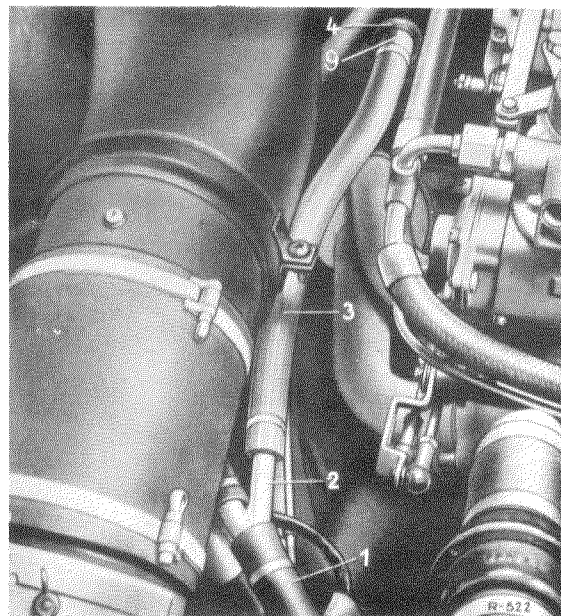


Fig. 83 — 10/3

- 1 Return pipe from the heat exchangers of the air-conditioning system
- 2 Tee-piece 45°
- 3 Water hose
- 4 Rubber grommet in the cowl
- 9 Water pipe (return pipe for the underseat heating)

All parts needed for the installation of the underseat heating are supplied as a complete set together with detailed instructions and patterns; it is not necessary therefore to give a description of the procedures here.

The whole kit can be ordered from our works under Order No. 10121 8300060.