

**Data**

Permissible leaking of vacuum elements

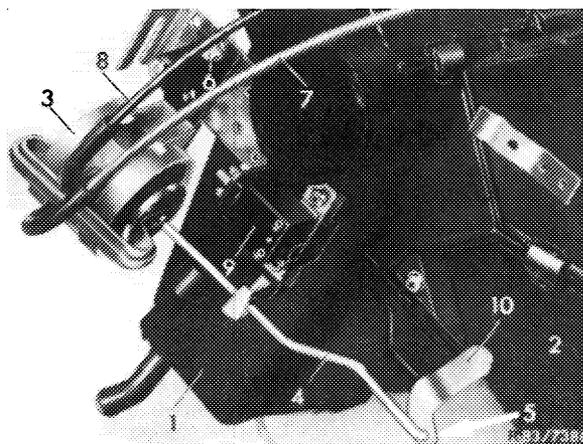
20 mbar/min at 300 bar vacuum

**Removal**

- 1 Remove cover under instrument panel left or right.
- 2 Pull vacuum lines (7 and 8) from vacuum element.

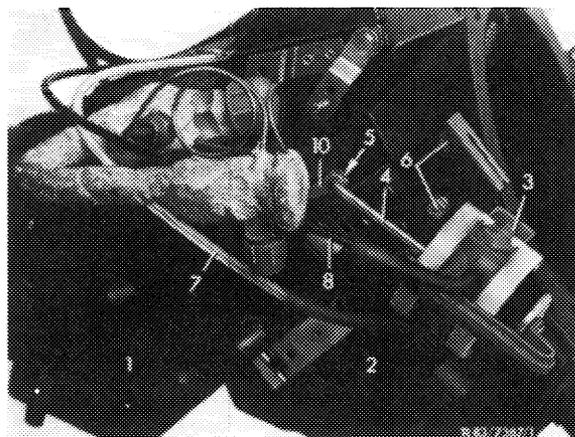
Layout of vacuum element left on heater box

- |                                 |  |
|---------------------------------|--|
| 1 Heater box                    | 7 Vacuum line (cooling, color light green) |
| 2 Evaporator housing            | 8 Vacuum line (heating, color dark green)  |
| 3 Vacuum element left           | 9 Changeover switch                        |
| 4 Actuating rod                 | 10 Lever for changeover flap               |
| 5 Lock or washer and cotter pin |  |
| 6 Screw                         |  |



Layout of vacuum right on heater box

- |                                 |  |
|---------------------------------|--|
| 1 Evaporator housing            | 6 Screw                                    |
| 2 Heater box                    | 7 Vacuum line (cooling, color light green) |
| 3 Vacuum element right          | 8 Vacuum line (heating, color dark green)  |
| 4 Actuating rod                 | 10 Lever for changeover flap               |
| 5 Fuse or washer and cotter pin |  |



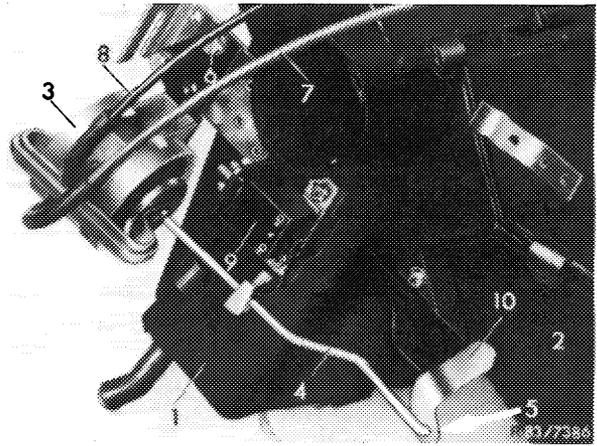
- 3 Remove lock or cotter pin with washer (5) from actuating rod (4).
- 4 Loosen screws (6) and remove vacuum element (3).

## Installation

5 Screw vacuum element to heater box by means of screws (6).

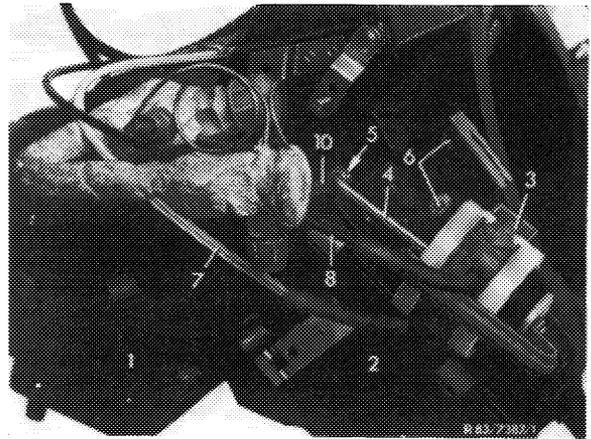
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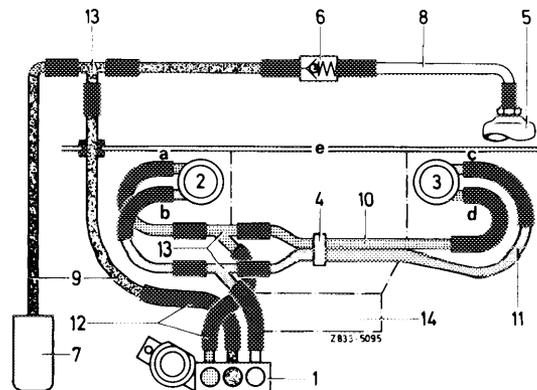
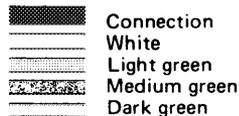


6 Attach actuating rod (4) on lever (10) for changeover flap and attach with lock or cotter pin and washer (5).

7 Slip vacuum lines (10 and 11) on connections of vacuum elements (2 or 3).

### Diagram of vacuum control

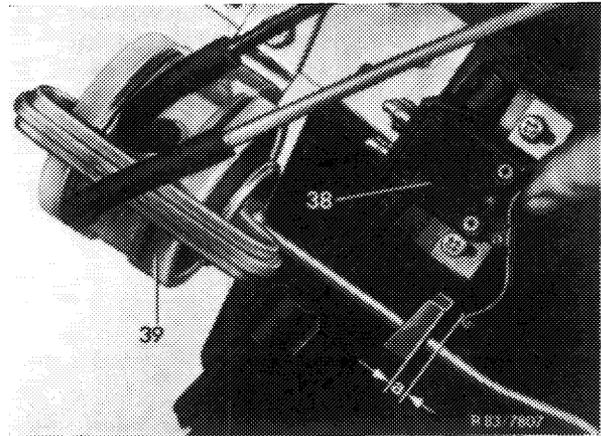
- |                                    |                            |
|------------------------------------|----------------------------|
| 1 Vacuum switch                    | 13 Distributor             |
| 2 Vacuum element left              | 14 Climate cabinet         |
| 3 Vacuum element right             | a Vacuum connection front  |
| 4 Clip                             | b Vacuum connection rear   |
| 5 Vacuum connection on intake pipe | c Vacuum connection top    |
| 6 Check valve                      | d Vacuum connection bottom |
| 7 Vacuum reservoir                 | e Front wall               |
| 8 Vacuum line, white               |                            |
| 9 Vacuum line, medium green        |                            |
| 10 Vacuum line, light green        |                            |
| 11 Vacuum line, dark green         |                            |
| 12 Connection                      |                            |



8 Run engine and switch temperature vacuum switch (1) several times on and off, while checking operation of vacuum elements.

9 If the lefthand vacuum element has been installed, adjust changeover switch (38). For this purpose, run engine and switch-on air conditioning system.

Adjustment of changeover switch  
38 Changeover switch  
39 Vacuum element  
a =  $4 \pm 1$  at 0.6 bar vacuum (atu)



10 Stop engine and switch temperature vacuum switch several times off and on. The vacuum elements should switch over 5 to 6 times.

11 Reinstall cover under instrument panel.