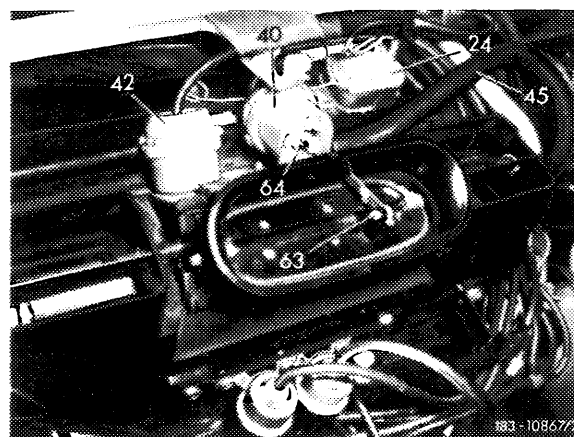


Note

For removal of vacuum line assembly, the presence of the vacuum lines to vacuum elements (40 and 42) for center nozzle and defroster nozzles requires removal of instrument panel.

In the event of damage to vacuum line assembly, which is not in range of the two vacuum lines named above, these two lines are cut off behind glovebox and attached to new vacuum line assembly by means of two plastic vacuum lines or connections (approx. 40 mm long). No removal of instrument panel will then be required.

- 40 Vacuum element for center nozzle
- 42 Vacuum element for defroster nozzle
- 63 Clamp
- 64 Lock with rubber washer

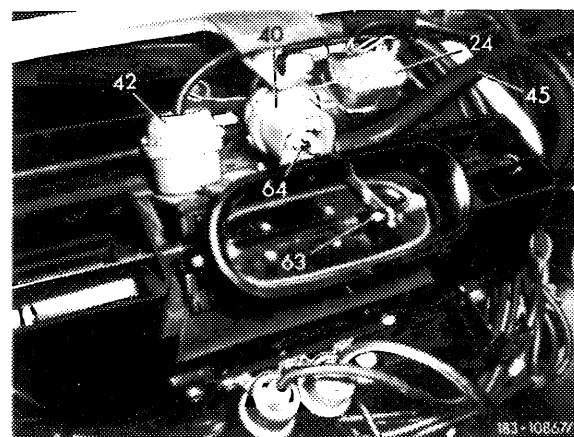


Removal

- 1 Remove regulating valve (83-632).
- 2 When removing complete vacuum line assembly, remove instrument panel and blower (68-100 or 83-120).

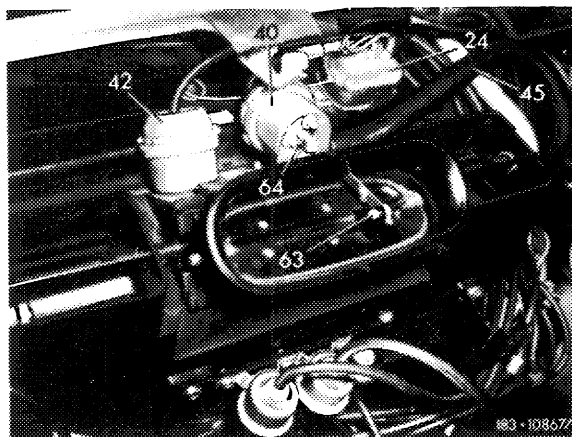
3 If the vacuum lines are attached to vacuum elements (40 and 42): Remove covers and air duct under instrument panel at the right (68-150). Remove blower and control unit (83-120 or 83-635).

- 40 Vacuum element for center nozzle
- 42 Vacuum element for defroster nozzle
- 43 Clamp
- 64 Lock with rubber washer

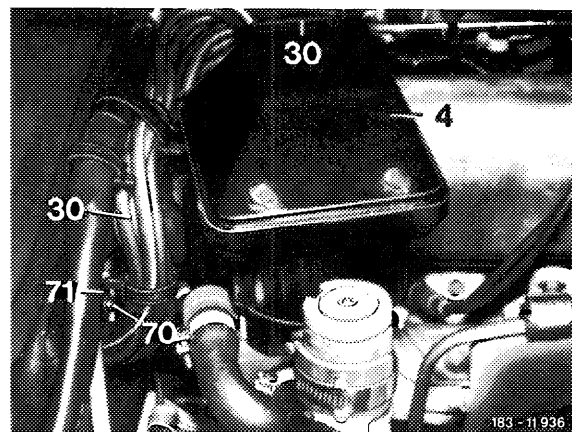


4 Pull vacuum lines from vacuum elements, vacuum switches as well as vacuum valves.

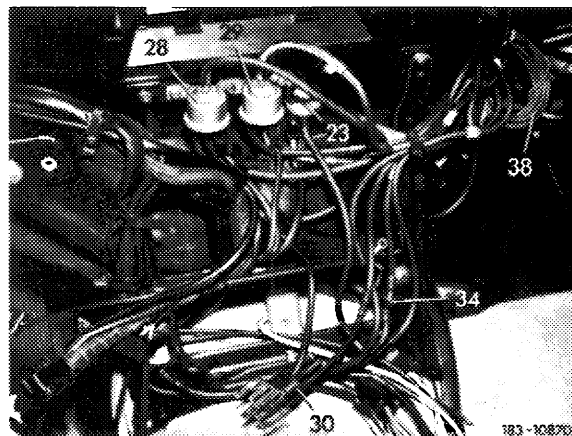
- 40 Vacuum element for center nozzle
- 42 Vacuum element for defroster nozzle
- 63 Clamp
- 64 Lock with rubber washer



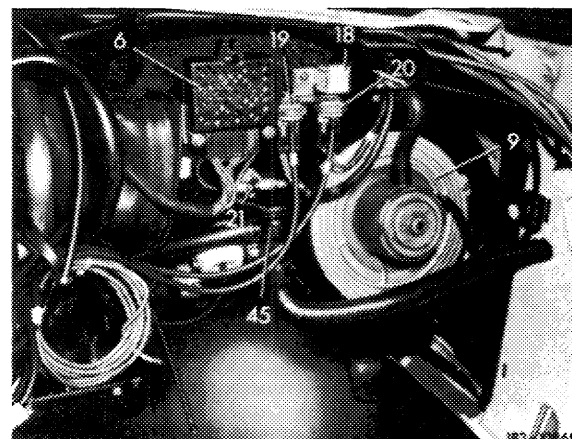
- 4 Regulating valve
- 30 Vacuum line assembly
- 70 Screw
- 71 Holder for rubber grommet



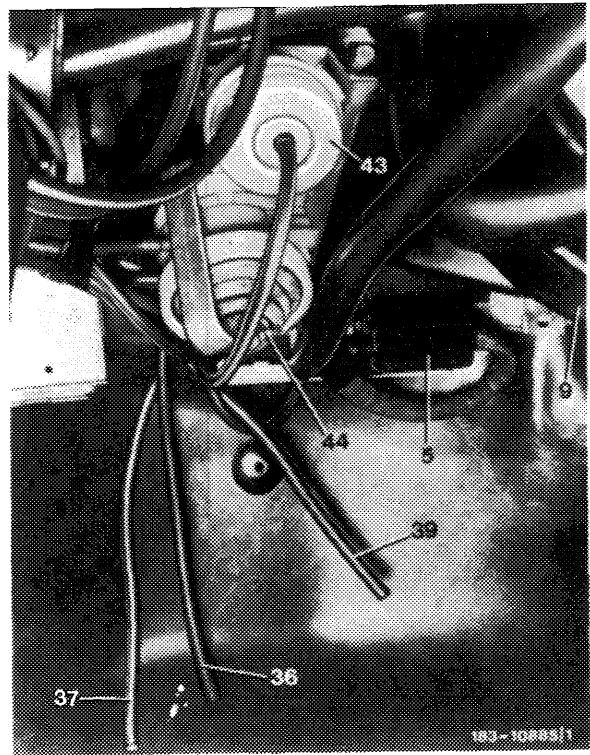
- 30 Vacuum line assembly



- 6 Amplifier
- 9 Blower
- 18 Double contact relay
- 19 Vacuum switch (main switch, green)
- 20 Vacuum switch (refrigerant compressor, yellow)
- 21 Temperature switch for heating water pump
- 45 Air jet nozzle

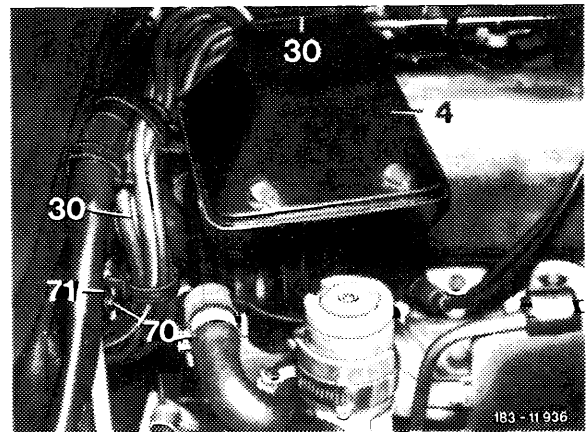


5 Loosen all cable bands from vacuum line assembly.



- 9 Blower
- 36 Vent line
- 37 Vacuum connection for tester
- 39 Vent line for regulating valve
- 43 Vacuum element for fresh air portion
- 44 Vacuum element for fresh air-recirculating air

6 Unscrew two screws (70) on holder (71) and pull vacuum line assembly through front wall into engine compartment.

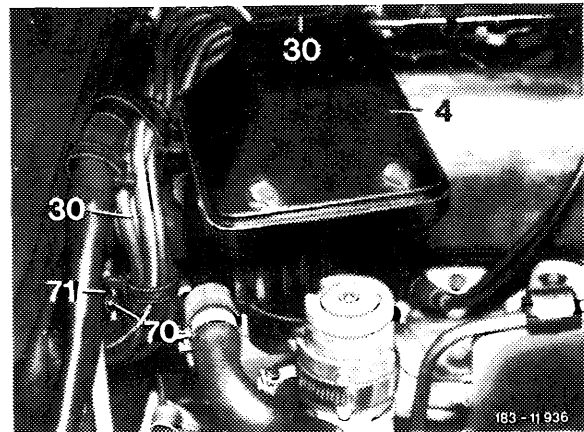


- 4 Regulating valve
- 30 Vacuum line assembly
- 70 Screw
- 71 Holder for rubber grommet

Installation

7 Push vacuum line assembly (30) from direction of engine compartment through front wall.

8 Screw rubber grommet to front wall by means of holder (71) and two screws (70).

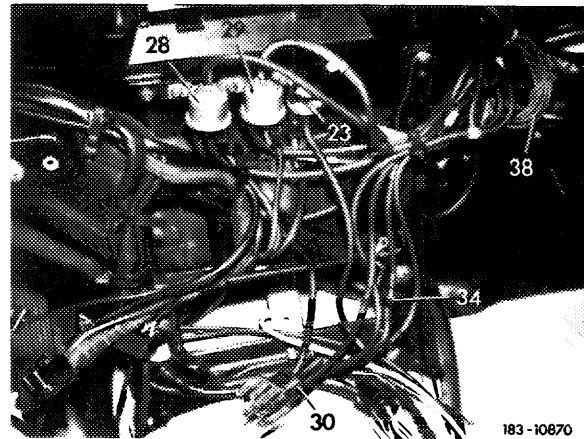
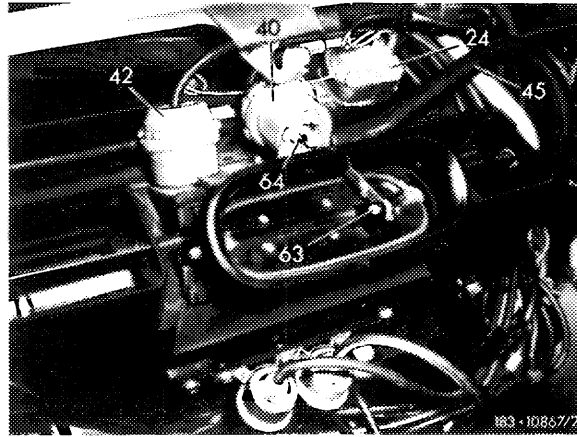


- 4 Regulating valve
- 30 Vacuum line assembly
- 70 Screw
- 71 Holder for rubber grommet

9 Install vacuum line assembly to vacuum elements, vacuum switches, switchover valves as well as to control unit and connect, paying attention to color codes.

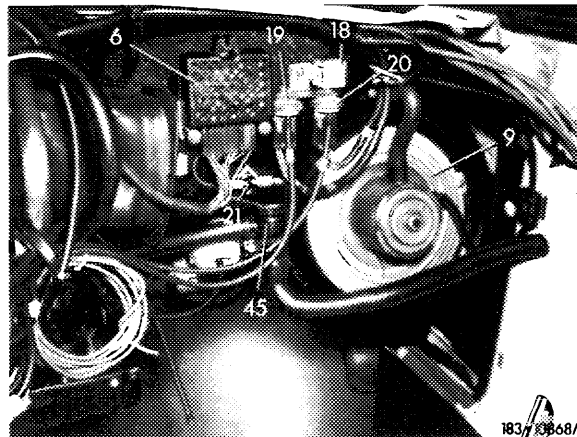
The vacuum line assembly should be installed and fastened free of tension and without buckling or pressure marks.

- 40 Vacuum element for center nozzle
- 42 Vacuum element for defroster nozzle
- 63 Clamp
- 64 Lock with rubber washer



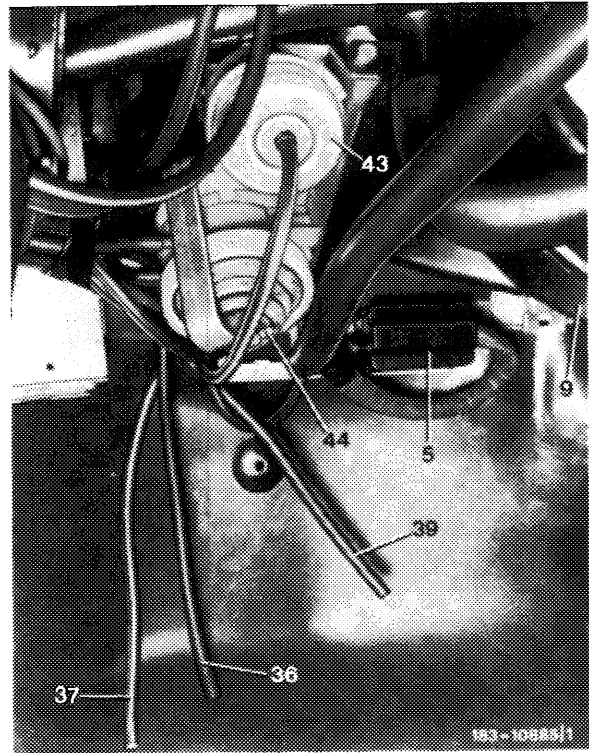
30 Vacuum line assembly

- 6 Amplifier
- 9 Blower
- 18 Double contact relay
- 19 Vacuum switch (main switch green)
- 20 Vacuum switch (refrigerant compressor yellow)
- 21 Temperature switch for heating water pump
- 45 Air jet nozzle



10 Install blower (9).

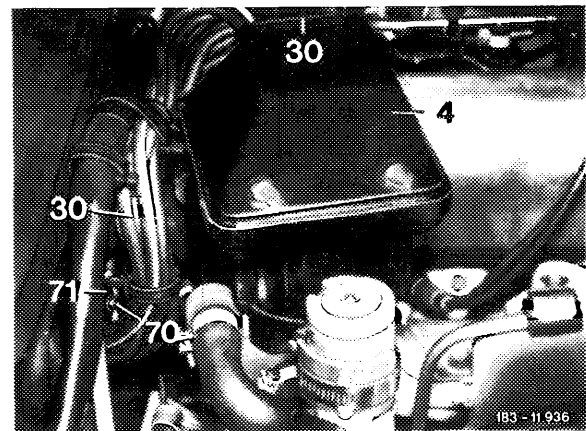
11 Connect vacuum lines to vacuum elements (43 and 44).



- 9 Blower
- 36 Vent line
- 37 Vacuum connection for tester
- 39 Vent line for regulating valve
- 43 Vacuum element for fresh air portion
- 44 Vacuum element for fresh air-recirculating air

12 Install instrument panel or covers and air duct under instrument panel at the right, as well as control unit.

13 Install regulating valve (4) and install and fasten vacuum line assembly (30) free of tension.



- 4 Regulating valve
- 30 Vacuum line assembly
- 70 Screw
- 71 Holder for rubber grommet

14 Check operation of automatic climate control.