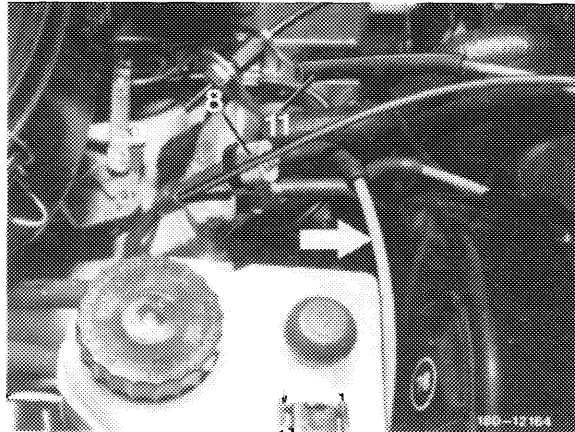


A. Testing vacuum circuit I

Note

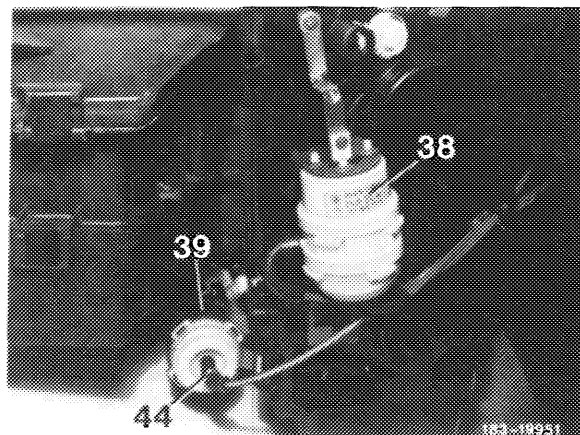
Ignition is not switched on.

- 1 Pull vacuum line yellow-green from check valve (8).
- 2 Connect vacuum line from tester to vacuum line green-yellow, evacuate and read pressure gage readout.
- 3 If gage shows a pressure increase, test switchover valves individually (83-629).



B. Testing vacuum circuit II with vacuum element (38) for defroster nozzle flaps stage 1

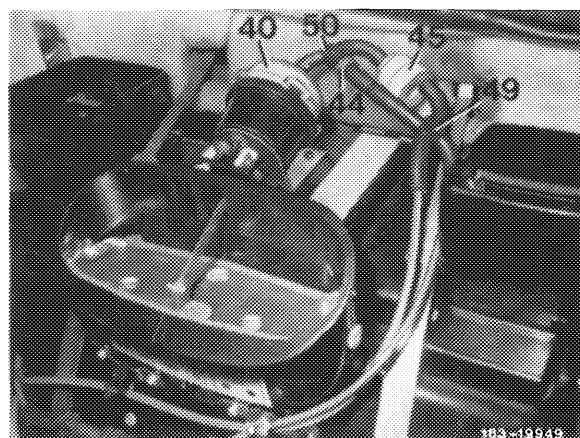
- 1 Remove lefthand cover under instrument panel (68-150).
- 2 Remove optional switch.
- 3 Remove cover for optional switch.
- 4 Pull red-white vacuum line from switchover valve (15) and connect tester.
- 5 Evacuate vacuum circuit II, while paying attention to operation of defroster nozzle flaps. If gage shows pressure increase, replace vacuum element (38) or vacuum line.



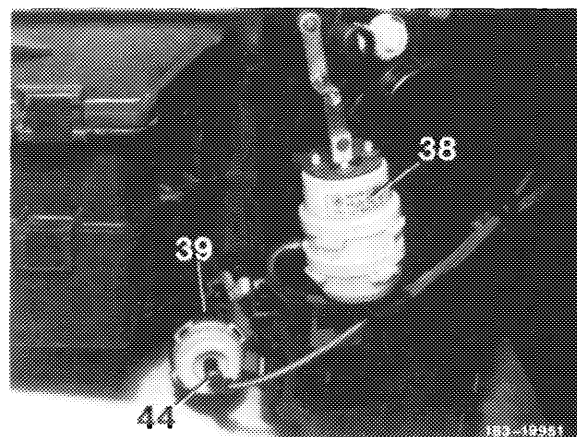
C. Testing vacuum circuit III, with vacuum element (38) for defroster nozzle flaps stage 2

- 1 Remove glove box (68–140).
- 2 Pull red/light blue vacuum line from distributor (49) and connect tester.
- 3 Evacuate vacuum circuit III. If pressure on pressure gage increases, replace vacuum element (38) or vacuum line.

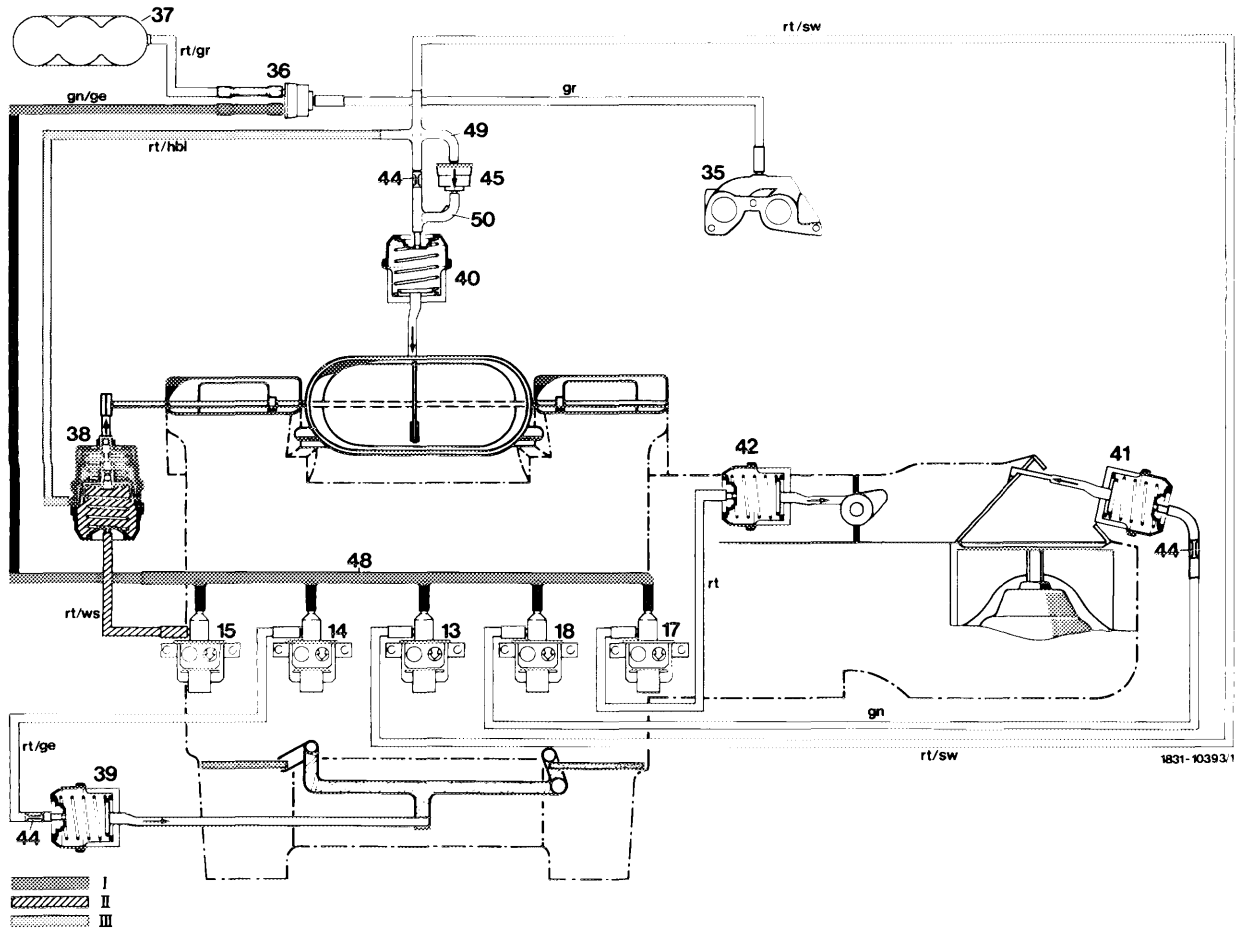
- 40 Vacuum element for center nozzle flap
- 44 Throttle (orifice)
- 45 Check valve
- 49 4-point distributor
- 50 3-point distributor



- 38 2-stage vacuum element for defroster nozzle flaps
- 39 Vacuum element for leg-room flaps
- 44 Throttle (orifice)



- 4 Install lefthand cover under instrument panel (68–150).
- 5 Install cover for optional switch.
- 6 Install optional switch.
- 7 Install glove box.



- 13 Switchover valve for center nozzle flap
- 14 Switchover valve for legroom flaps
- 15 Switchover valve for defroster nozzle flaps
- 17 Switchover valve for main air flap
- 18 Switchover valve for fresh air-recirculating air flap
- 35 Vacuum connection on intake manifold
- 36 Check valve
- 37 Vacuum reservoir
- 38 2-stage vacuum element for defroster nozzle flaps (flaps "closed")
- 39 Vacuum element for legroom flaps (flaps "closed")
- 40 Vacuum element for center nozzle flap (flap "closed")
- 41 Vacuum element for fresh air-recirculating air flap (position "recirculating air")
- 42 Vacuum element for main air flap (flap "closed")
- 44 Throttle (orifice)
- 45 Check valve (arrow = flow direction)
- 48 6-point distributor
- 49 4-point distributor
- 50 3-point distributor

Color code of vacuum lines
ge = yellow
gn = green
gr = grey
rt = red
ws = white
hbl = light blue
sw = black