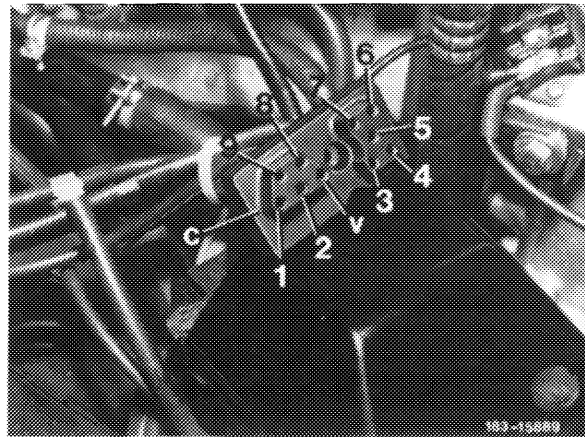


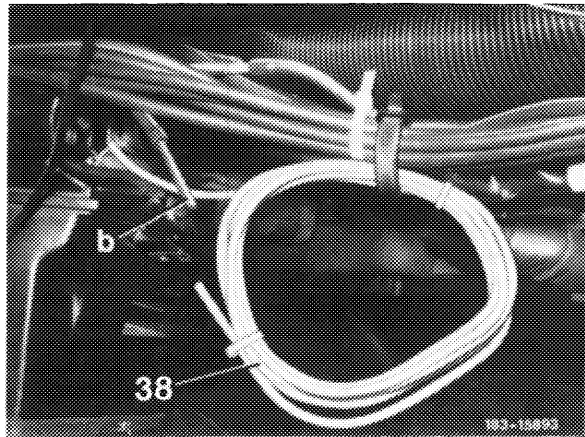
A. Testing vacuum circuit III with vacuum element (43) for main air flap

- 1 Connect tester to vacuum connection (3), color code green, of vacuum plug (c).
- 2 Remove cover at right under instrument panel.
- 3 Remove glove box (68-140).



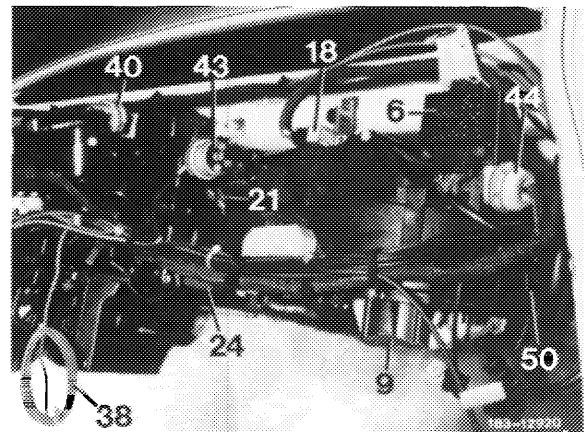
c Vacuum plug with vacuum connection 1 to 9 and v

- 4 Pull specified leak point (38) out of vacuum line and close vacuum line blind by means of blind plug (b).



38 Specified leak point
b Blind plug

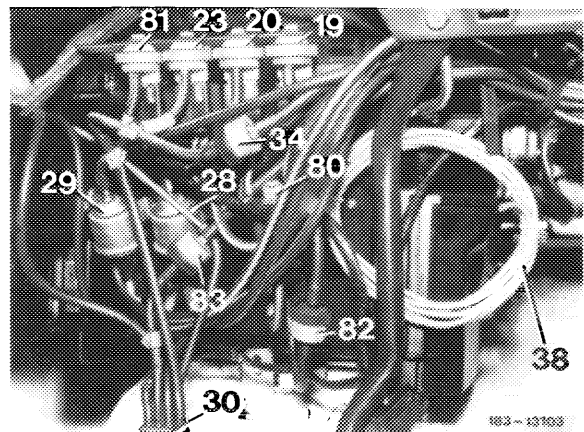
- 5 Evacuate system, while checking function of vacuum element (43).



- | | |
|--|---|
| 6 Amplifier | 40 Vacuum element center jet |
| 9 Blower | 43 Vacuum element main air flap |
| 18 Double contact relay | 44 Vacuum element fresh air-recirculated air flap |
| 21 Temperature switch for heating water pump | 50 Air jet nozzle |
| 38 Specified leak point | |

6 If gauge shows a pressure increase, evacuate vacuum line from distributors to switchover valve (29), color code green, to vacuum connection (37), color code green, to vacuum connection (37), color code black, to main switch (19), color code green, to check valve (34), color code green, as well as to vacuum element (43), color code green, individually by means of tester.

- 19 Vacuum switch (main switch, green)
- 20 Vacuum switch (refrigerant compressor, yellow)
- 23 Vacuum switch for refrigerant compressor (at "BI-LEVEL" only)
- 28 Switchover valve legroom flaps
- 29 Switchover valve (fresh air-recirculated air flap)
- 34 Check valve
- 38 Specified leak point
- 80 Switchover valve "BI-LEVEL" (at "DEF")
- 81 Vacuum switch (at "BI-LEVEL" only)
- 82 Check valve
- 83 Check valve

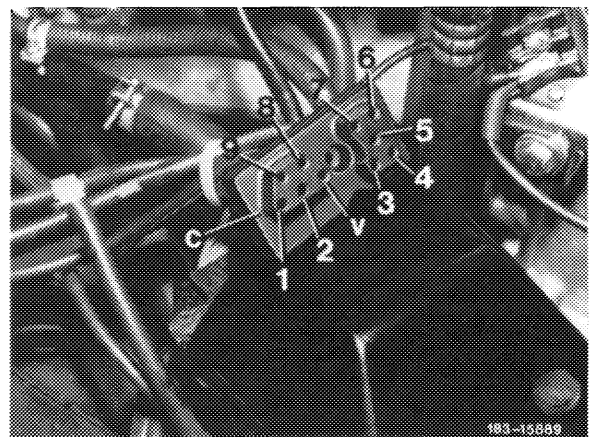


B. Testing vacuum circuit IV with vacuum element for fresh air-recirculated air flap (44)

7 Connect tester to vacuum connection (2), color code green, of vacuum plug (c).

8 Evacuate system, while checking operation of vacuum element (44) for fresh air-recirculated air flap.

- c Vacuum plug with vacuum connection 1 to 9 and v



9 If gauge shows a pressure increase, check vacuum lines, color code green, to switchover valve (29) and from switchover valve (29) to vacuum element (44), as well as switchover valve (29) and vacuum element (44) individually for leaks.

10 Install glove box (68–140).

11 Install cover at the right under instrument panel.

