

83–615 Testing check valve, vacuum reservoir, temperature switch and vent lines of regulating valve

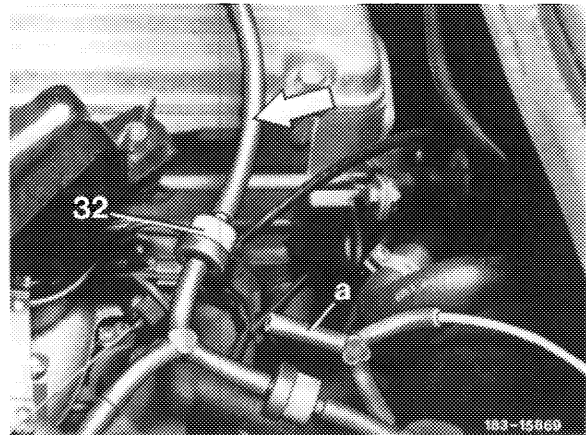
a) Testing check valve

1 Pull connection (a) from check valve (32).

2 Connect vacuum line of tester (refer to arrow), evacuate and read gauge.

3 If gauge shows a pressure increase, replace check valve.

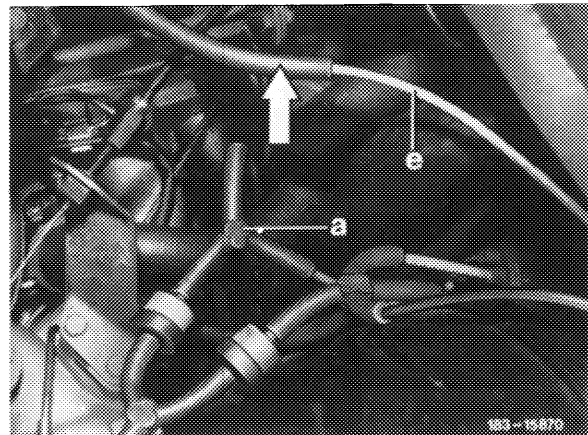
32 Check valve
a Connection



b) Testing vacuum reservoir

4 Pull vacuum line (e), color code grey/light blue, out of connection (a).

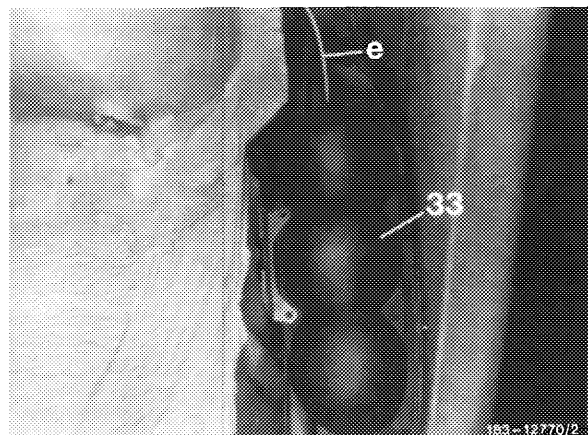
a Connection
e Vacuum line
Color code grey/light blue
(suction line to vacuum reservoir)



5 Connect vacuum line of tester (refer to arrow) to vacuum line (e) and evacuate.

6 If readout on gauge changes, replace gasket of vacuum reservoir (33) or replace vacuum reservoir (vacuum tank).

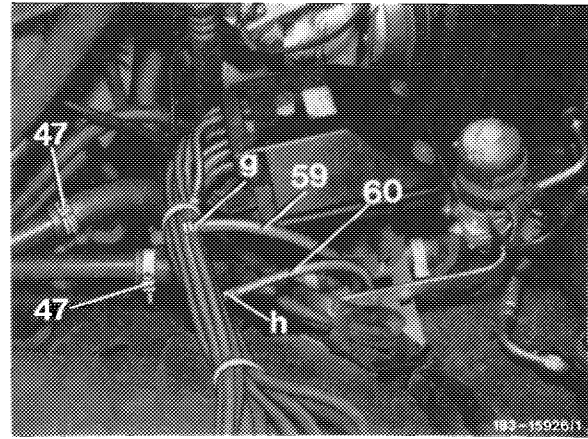
33 Vacuum reservoir
e Vacuum line



c) Testing temperature switch

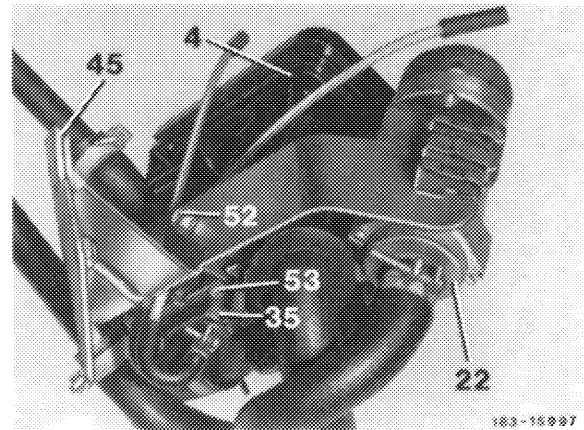
7 Pull vacuum line (59), color code red, from distributor (g), connect tester to vacuum line (59) and check temperature switch for passage. Temperature switch (35) should have passage at coolant temperature above 40 °C (104 °F).

g Distributor
59 Vacuum line



Layout temperature switch in regulating valve

4 Regulating valve 35 Temperature switch
22 Heating water pump

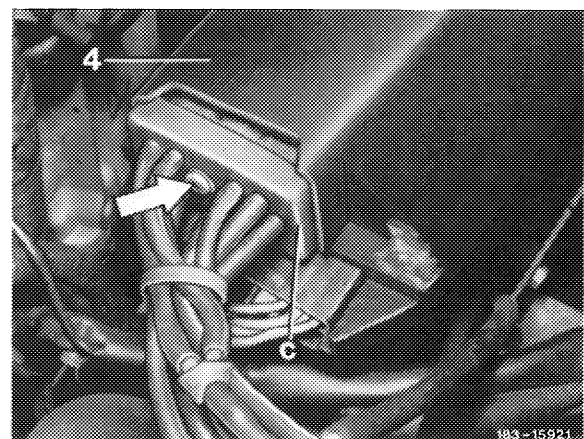


8 Disconnect tester and reinstall vacuum line.

d) Testing vent lines

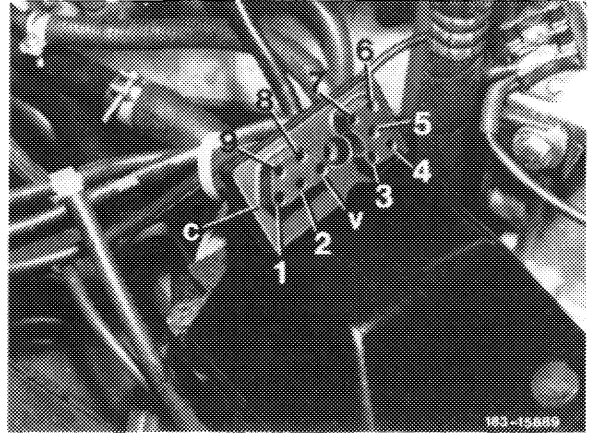
9 Unscrew sheet metal screw (arrow) on vacuum plug (c) for regulating valve (4) and pull off plug.

c Vacuum plug
4 Regulating valve



10 Connect tester to vacuum connection (v), color code black, of vacuum plug (c). Check line (39) for passage (refer also to 83-626).

c Vacuum plug with vacuum connection 1 to 9 and v



11 Connect tester to vacuum connection (9), color code white, of vacuum plug (c). Check line (36) for passage (also refer to 83-626).

5 10-point plug connection for tester
36 Vent line for legroom flap (ws)
37 Vacuum connection for tester
39 Vent line for regulating valve (sw)

