

91–150 Check seat back locking system (coupe)

Data

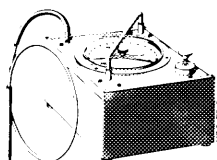
Permissible vacuum loss of system	10 mbar/min at 400 mbar vacuum
Permissible vacuum loss of the components	5 mbar/min at 300 mbar vacuum
Push-on length of connection pieces	12 ± 2

Color coding of vacuum lines for seat back locking system

Control line	light blue
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Special tool

Vacuum tester



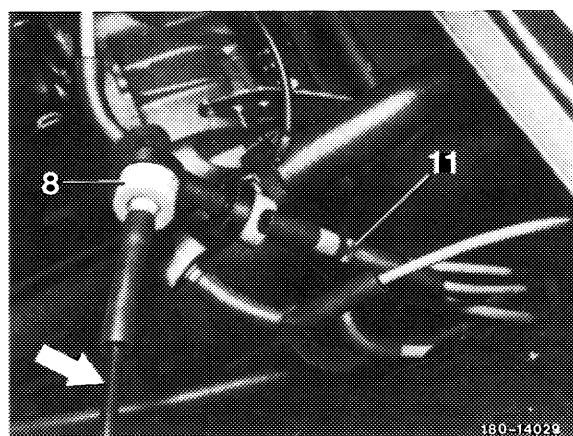
116 589 25 21 00

Note

On coupe models 123.04/05 a sintered metal restrictor is installed in the first distribution piece in the engine compartment and which is identified by a blue stripe at the distribution piece.

Check vacuum system

- 1 Remove check valve (8) from distribution piece (11) and connect tester (refer arrow), evacuate and note pressure gauge reading.
- 2 If the pressure gauge reading does not change, the check valve does not leak.

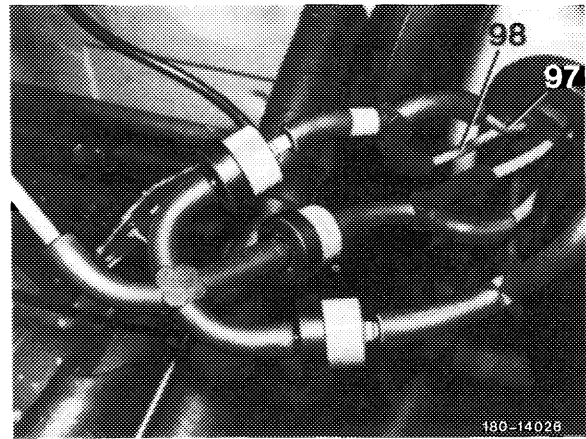


3 With the tester connected to the control line (97), test the left and with the tester connected to the control line(98) test the right circuit.

Attention!

On a circuit which has been identified as being leaking, check hose connections and their connection pieces before replacing vacuum elements and vacuum switch.

4 The following test must be carried out at the circuit at which a leak was detected:

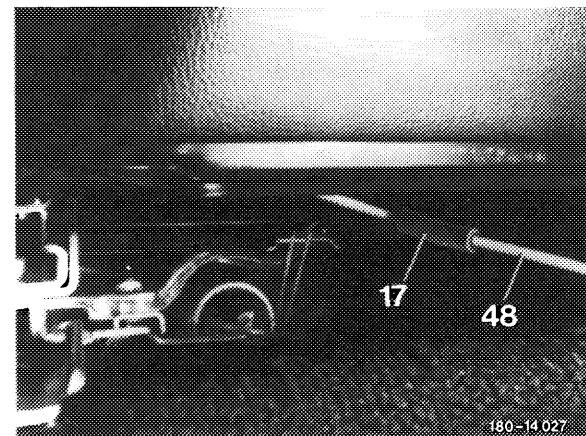


a) Vacuum elements and vacuum switch for driver's and co-driver's seat

5 Pull control line (48) off connection piece (17) and connect tester, evacuate and note pressure gauge reading.

6 If the reading does not deviate, vacuum element and vacuum switch are not leaking. Therefore, the existing leak must be in section b.

7 If pressure gauge indication varies during the test, remove driver's or co-driver's seat and carry out the following tests:



Note:

For better view, the following work is shown with bare seat frame.

8 Pull control line (99) from distribution piece (22) and connect tester, evacuate and note pressure gauge reading.

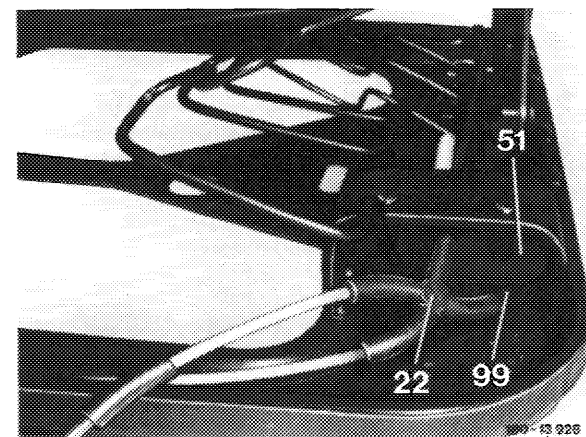
9 If the reading changes, renew vacuum switch of the driver's seat back (91–119).

10 If the reading does not change, pull distribution piece (22) from vacuum element (51).

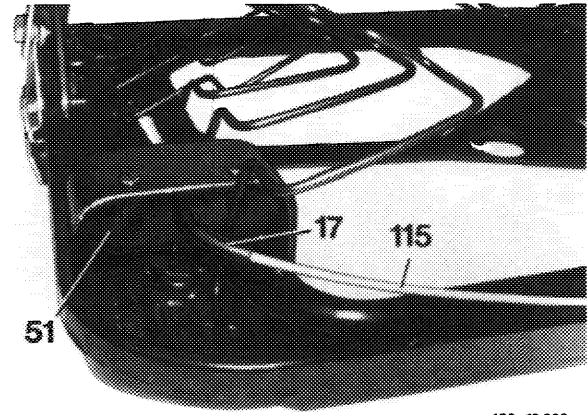
11 Connect tester to vacuum element (51), evacuate and note pressure gauge reading.

12 If a leak is detected, renew vacuum element (51) (91–115).

13 If the vacuum element does not leak, the fault must be in the opposite vacuum element.



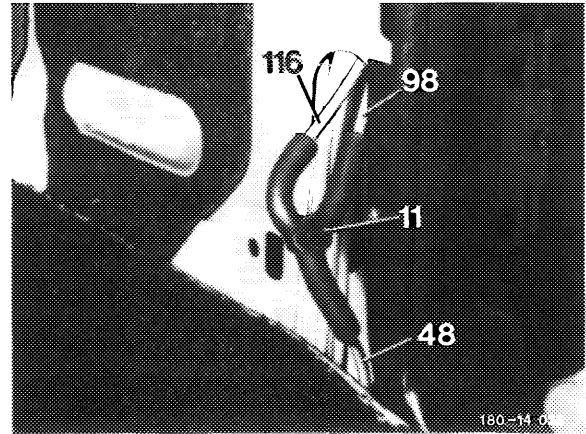
- 14 Pull control line (115) from connection piece (17).
- 15 Connect tester to connection piece and evacuate.
- 16 If a leak is detected, replace vacuum element (51) (80–300).



130-13 829

b) Door contact vacuum switch

- 17 Remove cover below the instrument panel left or right side.
- 18 Remove side cover in the front left or right foot space.
- 19 Pull control line (116) from distribution piece (11).
- 20 Connect tester to control line (116) and evacuate.
- 21 If a leak is detected, replace left or right door contact vacuum switch (91–117).



180-14 04