

**Data**

Permissible leaks in system	10 mbar/min at 400 mbar vacuum
Permissible leaks of individual members	5 mbar/min at 300 mbar vacuum
Plug-on length of connections	12 ± 2 mm

**Special Tool**

Tester for vacuum systems	116 589 25 21 00
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**Checking Vacuum System**

Check blue vacuum line (97 and 98) with tester (Fig. 1).

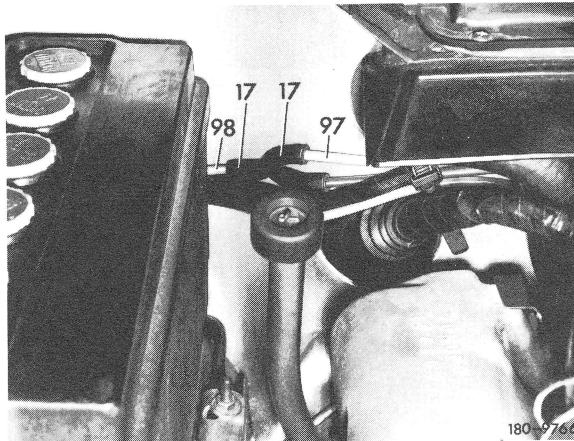


Fig. 1

17 Connection  
97 Blue vacuum line at left  
98 Blue vacuum line at right

Check line showing leaks as follows:

**a) Vacuum Elements for Driver's or Front Passenger's Seat**

Separate blue vacuum line (48) from hose line (55) (Fig. 2).

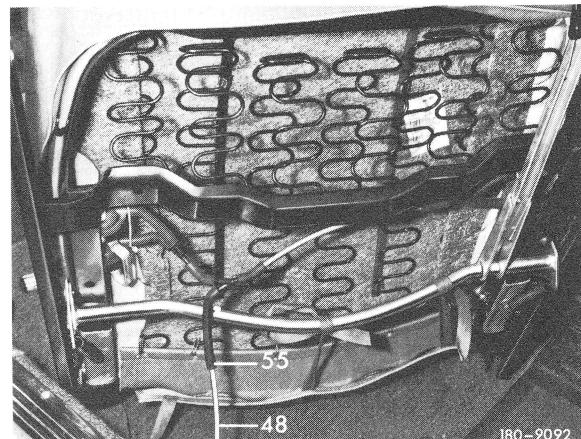


Fig. 2

48 Blue vacuum line      55 Hose line

Connect tester and evacuate.

In the event of leaks, renew vacuum elements for driver's or front passenger's seat (80.1–300).

**b) Door Contact Vacuum Switch**

Remove chrome rail on righthand or lefthand entrance.

Pull blue vacuum line (48) with connection (17) from distributor (22) and close with a blind plug (84) (Fig. 3).



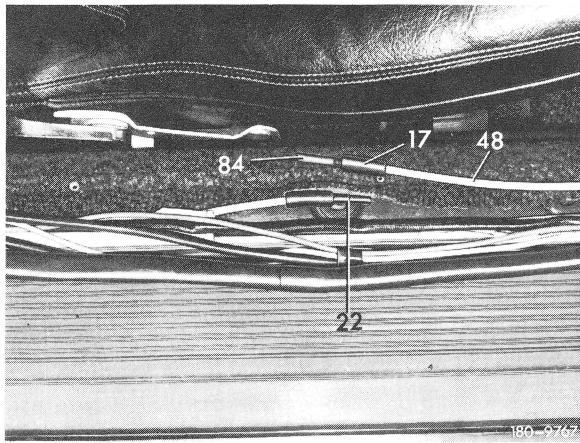


Fig. 3

17 Connection      48 Blue vacuum line  
22 Distributor      84 Blind plug

Connect tester to blue vacuum line (97 or 98) and evacuate (Fig. 1).

In the event of leaks, replace door contact vacuum switch left or right (80.1-310).

#### c) Vacuum Switch in Rear Compartment

Pull blue vacuum line (48) out of connection (17).

Connect tester to blue vacuum line (48) and evacuate (Fig. 4).

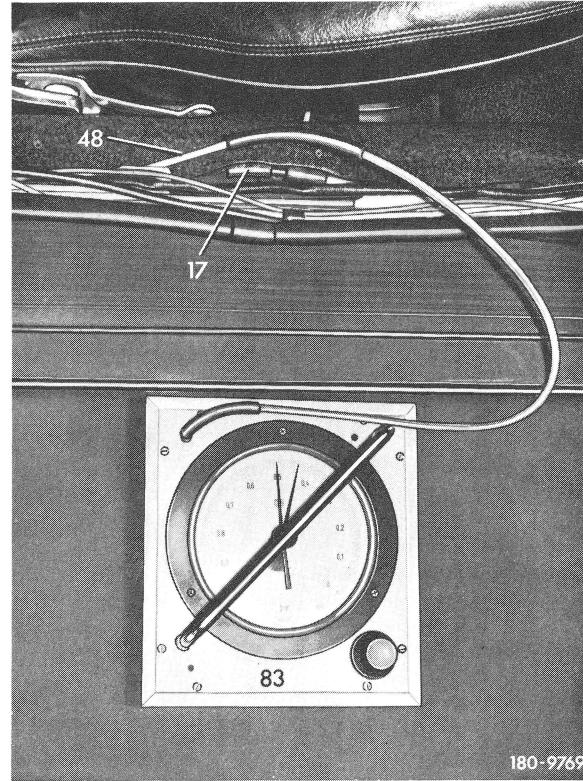


Fig. 4

17 Connection      83 Tester  
48 Blue vacuum line

Leaking vacuum switch in rear compartment will change indication on pressure gauge.

Renew vacuum switch in rear compartment (80.1-320).