

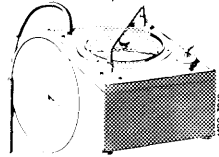
83–628 Testing switchover valves

Data

Permissible leaks for individual parts of vacuum system	20 mbar at 300 mbar vacuum
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Special tool

Tester for vacuum systems



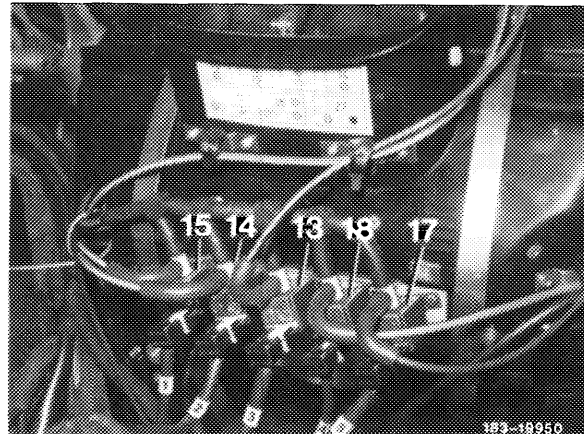
116 589 25 21 00

Blind plug

000 987 11 45

Preparation for test

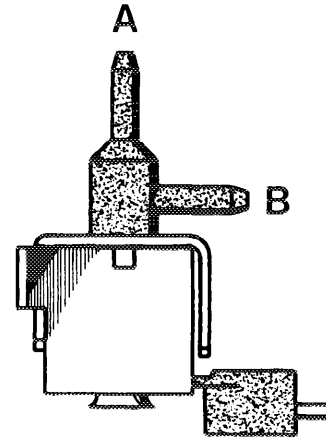
- 1 Remove optional switch.
- 2 Remove cover for optional switch.
- 3 Pull 5-point distributor and vacuum line from switchover valve (13, 14, 15, 17, 18).
- 4 Pull electric couplings (2-pole) from switchover valves.



Testing

5 Connect tester to connection A of switchover valve and evacuate.

Vacuum should remain at permissible values. If tester shows a pressure increase, the switchover valve is defective.



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6 Test electric function of valve by applying voltage. Valve will now open. Readout on tester returns to zero.

7 Connect tester to connection B. Close connection A with blind plug, apply voltage and evacuate.

Vacuum should remain at permissible values.

8 Disconnect voltage on switchover valve. Readout on tester returns to zero.

9 Reconnect vacuum lines according to function diagram.

10 Reconnect electric coupling (2-point) 1 to 5.

