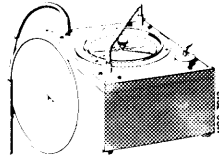


Data

Permissible leaking for individual components of vacuum system	20 mbar at 300 mbar vacuum
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Special tools

Tester for vacuum systems



116 589 25 21 00

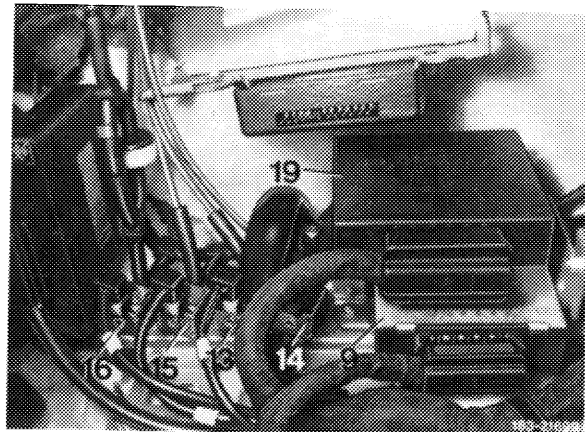
Blind plug

000 987 11 45

Removal

- 1 Remove glove box.
- 2 Pull vacuum lines from switchover valve (13 to 16), check color code of vacuum lines first, mark if required.
- 3 Pull off 2-pole couplers and screw switchover valves from holder.

- 13 Switchover valve for defroster nozzle flaps (short stroke), **J** **USA** for center nozzle flap
- 14 Switchover valve for legroom flaps
- 15 Switchover valve for defroster nozzle flaps (long stroke)
- 16 Switchover valve for main air flaps



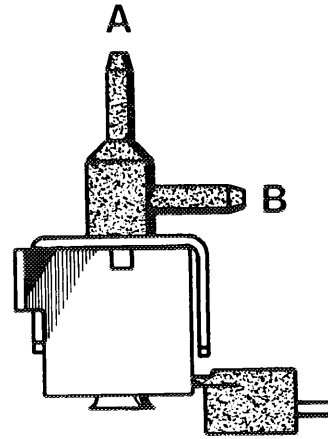
Installation

- 4 For installation proceed vice versa while paying attention to electric and vacuum circuit diagrams.
- 5 Check automatic climate control for function.

Testing

- 1 Connect tester to connection A of switchover valve and evacuate.

The vacuum must be maintained at permissible values. If tester shows a pressure increase, the switchover valve is defective.



- 2 Check electric function of valve by applying voltage. Valve will open. Indication on tester goes back to zero.

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

Vacuum should remain at permissible values.

- 4 Disconnect voltage on switchover valve. Readout on tester goes back to zero.

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