

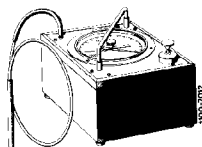
42–023 Inspection of check valve

Data

Test vacuum in bar (atü)	0.75–0.8
Duration of test	30 s
Pressure drop in bar vacuum (atü)	0.2

Special tool

Vacuum tester



116 589 25 21 00

Self-made tool

Measuring connection

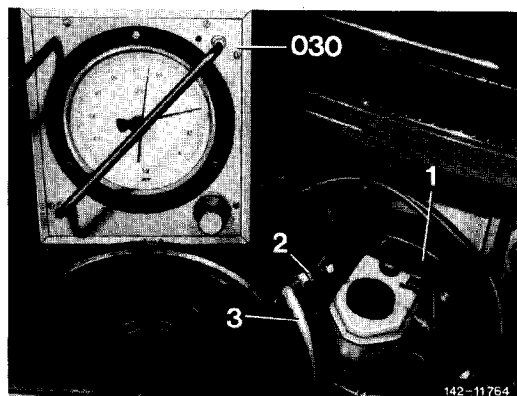
refer to illustration item 2, note

Note

Inspect check valve in vacuum line for leaks each time the brake unit is renewed.

Test procedure

- 1 Loosen vacuum line (3) on brake unit (1) and attach measuring connection (2) between brake unit and line.
- 2 Connect tester for vacuum (030) to measuring connection (2).



Note: The measuring connection is self-made according to dimensions shown in illustration. For connection to the brake unit, the pipe elbow including the coupling nut may be taken from an old vacuum line. Connection to the vacuum line is made by means of a screw connection.

3 Run engine and establish vacuum of 0.75–0.8 bar (atü) by acceleration and sudden release of accelerator pedal.

4 Inspect check valve for leaks. The available vacuum should drop by no more than 0.2 bar (atü). If the drop in vacuum is higher, replace check valve including vacuum line.

Note: Repeat leak test upon installation of a new vacuum line. If the pressure drop is still too high, the leak may be the result of damaged screw connections or a leaking brake unit.

