Data

Test vacuum	0.75–0.8 atü
Duration of test	30 sec
Pressure drop	0.2 atü

Special Tools

Vacuum gauge	conventional
Measuring connection	self-made acc. to Fig. 2

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 (Fig. 1).

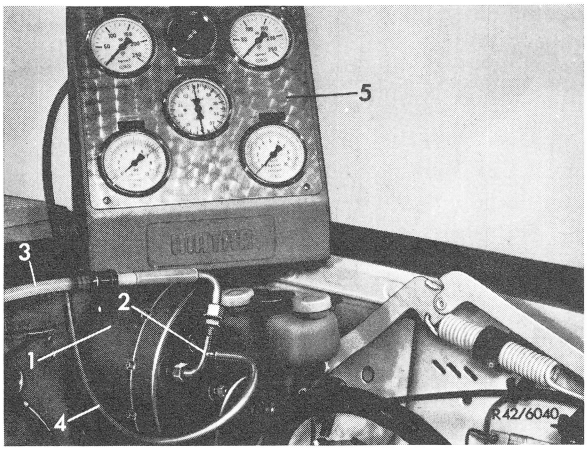

Fig. 1

1 Brake unit
2 Measuring connection
3 Vacuum line
4 Vacuum hose
5 Measuring instrument

Note: The measuring connection is self-made acc. to dimensions in Fig.2. 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.

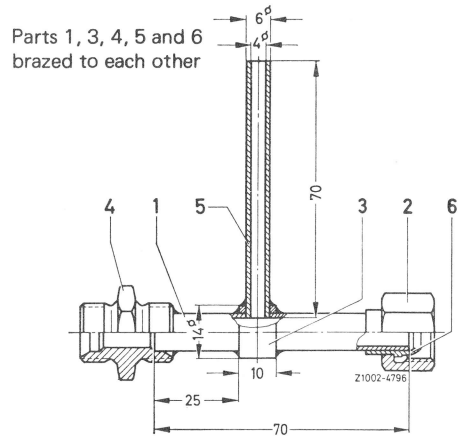

Fig. 2

2 Run engine and establish a vacuum of 0.75–0.8 atü by acceleration and sudden release of accelerator pedal.

3 Inspect check valve for leaks. The available vacuum should drop by no more than 0.2 atü in 30 seconds. 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.