

Data

	High pressure test	Low pressure test
Line test pressure	50–90 atü	3 atü
Duration of test	5 min	2 min
Pressure drop of preset value	5 %	0

Special Tools

Brake pedal winch	000 589 18 31 00
Tester for high and low pressure	conventional

Note

A leak test is required after completion of any kind of service job on the hydraulic section of the brake system. The leak test must be applied to both brake circuits and comprises a high-pressure and a low pressure test.

High Pressure Test

1 Connect tester to one brake caliper by screwing bleeder plug out and screwing connection for high-pressure gauge in. Then bleed high-pressure gauge (Fig. 1).

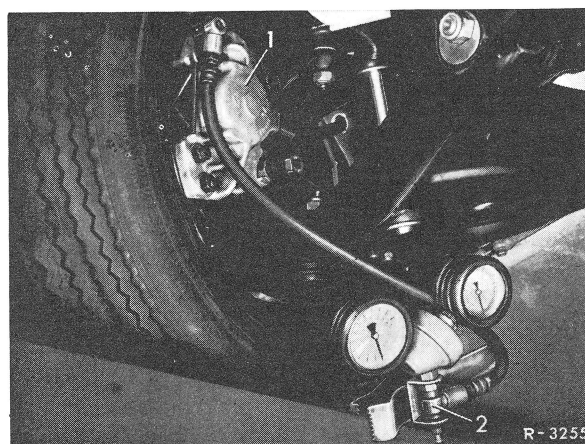


Fig. 1
1 Brake caliper 2 Tester

2 Run engine at medium speed and establish highest possible vacuum by suddenly releasing accelerator pedal.

3 Depress brake pedal (1) with brake pedal winch (2) until the highest possible line pressure (between 50 and 90 atü) is obtained, then lock brake pedal in this position (Fig. 2).

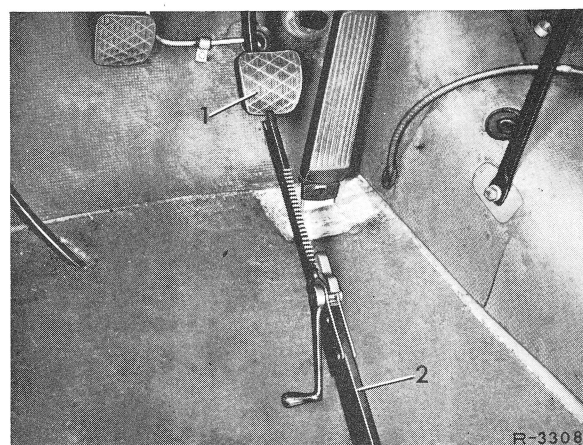


Fig. 2
1 Brake pedal 2 Brake pedal winch

4 During the 5 minutes test period the pressure loss should not exceed 5 % of the value set. If the pressure drop is higher, look for leak and seal.

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Checking the Brake System for Leaks

Low Pressure Test

- 5 Return brake pedal winch until the pressure gauge still indicates a line pressure of approx. 3 atü.
- 6 The preset pressure should not drop during a testing period of 2 minutes. If a pressure loss is indicated, look for leak and seal.