

**Haynes**
shows you how

BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.

13 Power brake booster check valve - removal, testing and installation

Removal

- 1 Disconnect the vacuum hose from the power brake booster check valve, mounted on the booster.
- 2 Carefully ease the check valve out of the power brake booster, taking care not to displace the grommet.

Testing

- 3 Examine the check valve for signs of damage, and replace if necessary.
- 4 The valve may be tested by blowing through it in both directions; air should flow through the valve in one direction only - when blown through from the power brake booster end of the valve. Replace the valve if this is not the case.
- 5 Examine the power brake booster rubber sealing grommet for signs of damage or deterioration, and replace as necessary.

Installation

- 6 Ensure that the sealing grommet is correctly installed to the power brake booster.
- 7 Ease the valve into position in the booster, taking great care not to displace or damage the grommet.
- 8 Reconnect the vacuum hose securely to the valve.
- 9 On completion, start the engine and ensure there are no air leaks at the check valve-to-power brake booster connection.