

W123 Brake Booster Replacement

Patient: 1980 300D

Symptoms: Brakes require lots of pressure to actuate after braking hard. Brake booster diagnosis according to Audi procedure (link??) pointed to bad booster.

Tools:

19 mm box wrench

13 mm socket

needle nose pliers

Procedure:

- 1) Remove electrical connections from brake fluid reservoir
- 2) Remove vacuum line (19 mm) from booster
- 3) Remove 2 nuts (13 mm) from master cylinder
- 4) Remove retaining pin from brake booster / brake pedal (needle nose pliers)
- 5) Remove 4 nuts (13 mm) holding the booster on the firewall--note, there might be stuff in the way of the top left one, like a cruise control amp--remove it (10 mm bolt) and make your life loads easier
- 6) Gently bend the brake master cylinder forward and towards the engine
- 7) Once the master cylinder is clear of the booster, start pulling out the booster while pushing gently on the master cylinder
- 8) Installation is reverse of removal, check for leaks.



Four nuts by brake pedal



Two nuts off master cylinder, start to bend it out of the way



Gently moving the master cylinder and booster out together



Master cylinder position with booster removed



New booster installed