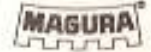


Magura: Bleeding the Brakes.

Scan from Original Magura Handbook for HS-22

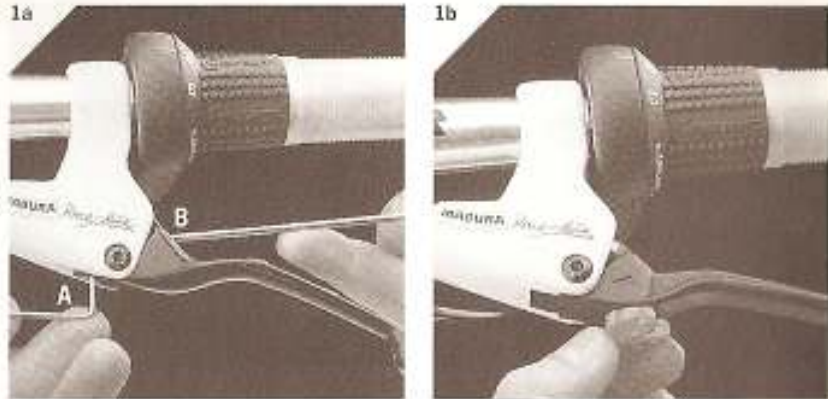
3. Maintenance



Your MAGURAs do not need any special maintenance after a correct installation. **Even regular bleeding is not necessary!**

■ **Readjust the brake pad wear:** turn the microadjustment setscrew B in the lever clockwise or the Turbo Pad Adjuster (TPA) in arrow direction. If the micro adjustment screw is flush with the receiving bolt or the TPA has reached the end of its travel, you will have to change the brake pads.

■ **Brake pad change:** turn back both micro adjustment set-screws A + B anti-clockwise or the TPA against arrow direction. Gain access to the brake pad (undo the quick release or 5 mm allen bolt), snap out the old pad, snap in the new pad, close the quick release, ready.

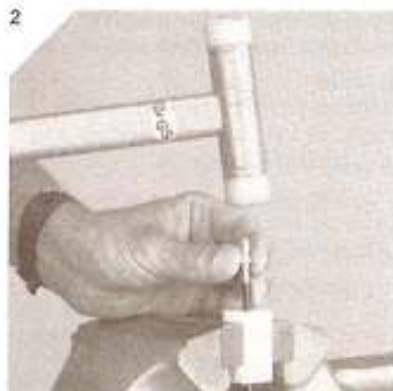


4. Bleeding

Don't panic if the brake line is split. Magura's Mini-Service kit contains everything you need.



1 Mini-Service-Kit



2 If the cross-over tubing should be damaged, take a new tubing and insert the barbed adaptor as shown. If the main tubing is damaged, replace it and refill the whole system.



3 Turn the brake lever on the handlebar so that the bleeding screw is in the highest position and turn back the microadjustment setscrews in the lever or the Turbo Pad Adjuster.

4 Fill the syringe only with hydraulic oil. **Only use mineral oil! Never use car brake fluid.** Even sewing machine oil is fine.

Attention: No air in the syringe and the filler tube!

- Unscrew the bleed screw at the slave cylinder.
- Place the syringe in the slave cylinder.
- Loosen the bleed screw in the brake-lever and install the vent tube.
- Press oil with the syringe through the system.
- **Always fill your MAGURA from the lowest point upwards (air is lighter than oil!).**
- The bleeding is completed when no more airbubbles can be seen.
- Take off the vent tube at the brake lever.
- Shut the drill with the bleed screw (tightening torque: 4 Nm).



- Remove the syringe from the slave cylinder and shut the drill as well.
- Turn the brake lever into riding position.

Finally check the entire system for no oil leaks and flawless performance!

Eventually use a washer.