



**BGS 71049**

## Brake and Clutch System Bleeder



### ATTENTION

Read the operating instructions and all safety instructions contained therein carefully before using the product. Use the product correctly, with care and only according to the intended purpose. Non-compliance of the safety instructions may lead to damage, personal injury and to termination of the warranty. Keep these instructions in a safe and dry location for future reference. Enclose the operating instructions when handing over the product to third parties.

### INTENDED USE

This product is used to bleed hydraulic clutch and brake systems. The product is suitable for efficient one-man operation and allows a quickly brake bleeding or completely replacing the brake fluid.

### SAFETY INFORMATIONS

- Keep children and other persons away from the working area.
- Do not allow children to play with this tool or its packaging.
- Do not use the tool if parts are missing or damaged.
- Use the tool for the intended purpose only.
- Do not make any modifications to this product and only use approved replacement parts.
- Keep the work area clean and tidy.
- Make sure the work area is adequately lit.
- Always dispose of old brake fluid in accordance with official regulations.
- Always read and observe the warnings on the brake fluid container.
- Always wear safety glasses and avoid skin contact with the brake fluid. If brake fluid gets into your eyes, rinse them with plenty of water and seek medical attention.
- Brake fluid damages the deficiency. Rinse off any spilled brake fluid immediately with water.
- Brake fluid is flammable. Keep them away from ignition sources and hot surfaces (e.g. exhaust manifolds).
- Do not leave the brake fluid open. Brake fluid is hygroscopic, meaning it absorbs water from the air (moisture). Water in the brake fluid causes the boiling point to drop and can lead to brake system failure.
- Only use new brake fluid from a sealed container until use. Used brake fluid can lead to brake system failure.
- Secure the vehicle against rolling away and unintentional starting.
- Always follow the vehicle manufacturer's instructions.

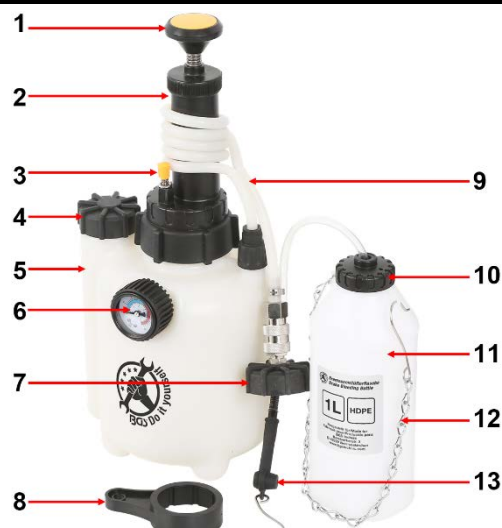
## ENVIRONMENTAL PROTECTION

Recycle unwanted materials instead of disposing of them as waste. Packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. Contact your local solid waste authority for recycling information.



## COMPONENTS

- 1 Pump handle
- 2 Pump with screw ring
- 3 Pressure release valve
- 4 Filling/emptying cap
- 5 Container
- 6 Pressure gauge
- 7 Brake fluid reservoir adapter
- 8 Wrench for adapter (7)
- 9 Brake fluid hose
- 10 Bleeding container cap
- 11 Bleeding bottle
- 12 Chain for hanging
- 13 Bleeding adapter



## PREPARATION

- ◆ Make sure that no pressure remains in the device. The pressure can be released via the pressure release valve (3) on the side of the pump.
- ◆ Remove the cap (4) at the top of the container (5) and fill the device with new brake fluid. Before filling, make sure there are no old liquids or residue in the container.
- ◆ Close the container again with the cap.
- ◆ Make sure that all screw connections are tight and leakage-free.

## USE

1. Screw the adapter (7) onto the brake fluid reservoir in the vehicle.
2. Connect the quick coupling at the end of the brake fluid hose (9) to the adapter (7).
3. Pump with the pump handle (1) until the bleed pressure recommended by the vehicle manufacturer is reached.
4. Connect the bleeding adapter (13) to the bleeding valve on the wheel brake cylinder or brake caliper. When bleeding, pay attention to the order specified by the manufacturer.
5. Open the bleeding valve. As soon as you see new fluid flowing through the transparent hose into the bleeding bottle (11), close the bleeding valve.
6. Repeat the process on all 4 wheels in the order specified by the manufacturer.
7. Once the work has been completed, allow the pressure in the device to escape via the pressure release valve (3).
8. Disconnect the quick coupling at the end of the brake fluid hose (9) from the adapter (7).
9. Remove the adapter (7) from the brake fluid reservoir in the vehicle.
10. If necessary, top up the brake fluid in the reservoir to the maximum level.

## CARE AND MAINTENANCE

Reduce any pressure using the pressure release valve.

Clean with a clean, dry cloth after use.

Empty the fluid container when not in use.

Keep the hose and adapter clean for future use.

Store the device in a clean, dry place out of the reach of children.