SPORTENZIA

USER GUIDE

# EZMTB BLEED KIT FOR MINERAL OIL BRAKES

Bleed funnel, bleed port adapters and caliper block to bleed a mineral oil hydraulic disc brake from the lever, MTB or road. Contents, step-by-step bleed, choosing the adapter and troubleshooting.

**REF. KITENTOEZMTB** · MINERAL OIL BRAKES, MTB AND ROAD · FUNNEL, ADAPTERS, BLOCK, BASE



01 · GETTING STARTED

## CONTENTS, COMPATIBILITY, BLEEDING

### In the box

- A bleed funnel, 40% wider, and its stopper.
- Ten bleed port adapters: M4, M5 and M6 threads, Magura MT, SRAM Guide / Level, Pagoda barbed fittings.
- A caliper block (piston block) and a storage base with a place for every part.

### Bleeding from the lever

1. **Remove the wheel and pads,** then slide the caliper block between the pistons: it stops them from coming out.
2. **Level the lever** by turning it on the handlebar: reservoir horizontal, bleed port on top. Wrap a rag around it.
3. **Undo the bleed screw** on the reservoir and keep it with its seal.
4. **Screw in the adapter** with the matching thread, by hand, no tools, then the funnel on top.
5. **Pour in mineral oil** as specified by the brake maker, up to half the funnel's height.
6. **Work the lever** slowly, in short strokes, until no more bubbles rise. Tap the hose and caliper to free the bubbles.
7. **Keep oil in the funnel** throughout the bleed: if it runs dry, air gets into the system.
8. **Plug the funnel** with its stopper, remove funnel and adapter, refit the bleed screw and wipe clean. Refit pads and wheel.

### Which brakes

The kit is for hydraulic disc brakes running on **mineral oil**, MTB, road and gravel: Shimano, Magura MT and any brake whose bleed port takes one of the adapters. The required fluid is marked on the lever or reservoir: check it before you start.

### Before you start

- Set the bike up so it is stable, on a workstand if possible.
- Keep within reach the mineral oil specified by the brake maker, clean rags and a bottle for the used oil.
- Have the right tool for the lever's bleed screw ready: it is not supplied.
- Keep the rotor away from any oil splashes.

YOUR BRAKES

- Only use the mineral oil specified by the brake maker. Never put DOT fluid in a mineral oil brake: it damages the seals.
- A drop of oil on the rotor or pads kills the braking: protect them, clean the rotor with isopropyl alcohol, replace contaminated pads.
- Before riding, squeeze the lever several times, then brake at low speed: the lever must feel firm.
- Wear gloves and eye protection. Take used oil to a recycling centre.

02 · DAY TO DAY

# ADAPTERS, CARE, TROUBLESHOOTING

## Which part for what

| PART | USE |
|---|---|
| M4 | M4 threaded bleed port |
| M5 long | M5 threaded bleed port |
| M6 short | M6 threaded bleed port |
| Pagoda M5 | M5 threaded port, barbed end for a hose |
| Pagoda standard | Barbed end to push a hose onto |
| Magura MT | Magura MT brakes |
| SRAM Guide / Level | Bleed port of these levers (see Good to know) |
| Stopper | Closes the funnel so it comes off without spilling |
| Caliper block | Holds the pistons with the pads out |

Always screw in by hand: an adapter that needs force is the wrong one.

## Care

- Empty the funnel into a closed bottle: oil drained from a brake is not reused.
- Wipe the funnel and adapters with a dry cloth, then put each part back on the base.
- Check the adapter O-rings: a split O-ring lets air in.

## If something goes wrong

| SYMPTOM | LIKELY CAUSE | FIX |
|---|---|---|
| Bubbles keep rising | Adapter not fully in, damaged seal | Screw in by hand again, try another adapter |
| Oil at the fitting | Thread does not match | Try the adapter of the next size |
| Spongy lever after bleeding | Air left in the hose or caliper | Repeat, tapping the hose and caliper |
| Weak braking, greasy rotor | Oil on the rotor or pads | Clean the rotor, replace the pads |



*The funnel screwed onto a levelled lever, ready for the oil.*

**GOOD TO KNOW**

- Oil and syringe are not supplied. The kit bleeds from the lever; a full bleed from the caliper also needs a syringe and a hose.
- SRAM Guide and Level brakes run on DOT fluid, not mineral oil. The kit is made for mineral oil: for a DOT brake, contact us before using it.
- Light and compact, the kit fits in a tool bag.

**A GOOD BLEED**

- The lever feels firm and always bites at the same point in its travel.
- No more bubbles rise into the funnel when you work the lever.
- Lever still soft after two bleeds: have the brake checked, a seal or hose may be leaking.

## Need help?

**sportenzia.com/pages/contact**

Our team helps you choose the adapter and get your bleed right.

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