

# How to bleed your zoom hydraulic disc brakes in 3 steps

You will need:

- a syringe
- a star tip screwdriver
- Shimano red mineral oil for brakes

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Often, a little air is collected inside the reservoir over time, causing the brakes to feel spongy.

You only need to perform steps 1 and 2 to let the air out and close the top-up port.

Purging the circuit is unnecessary.

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## Procedures

1) Open the top up port and screw the syringe into it, the syringe keeps the reservoir airtight.

You can put about 5ml of red Shimano mineral oil for brakes in the syringe before hand if you wish.



2) Release the handlebars clamp, turn the handlebars to find a position such that the top up port is highest, at least higher than the reservoir.

In this picture, I have to turn the handlebars practically 180 degrees.

Flick the brake lever a few times to encourage any air bubbles near the top up port to come out of the circuit and escape through the syringe.

Keep doing this until all the air is out.

It's important that the top up port is as high as possible to let the air out.

**You don't want any air bubble trapped inside the reservoir before proceeding further.**



3) Gently squeeze the brake lever while opening the bleed port just enough (about 2 turns) to let the air out. When the lever reaches the grip, stop. Close the bleed port then release the brake lever. New oil will be pulled from the syringe into the reservoir.



Repeat the last step - you will see the oil and air coming out of the bleed port, until only oil comes out of the bleed port. Make sure that the bleed port is properly closed.

4) Check that the brake lever now works properly before removing the syringe and close the top up port.



### Zoom Xtech Hydraulic Brakes With Sensor

