

Recalibrating Mahlkönig ProM grinder

Out of the box, Mahlkönig ProM is calibrated to a relatively coarse setting (mine was approx. 1.25 small steps from the real zero point). This seems to be common for Mahlkönig grinders, such as the Vario Home.

The recalibration described here is based on the instructions from the manufacturer, with a couple of omissions and errors corrected. Pictures are taken by me.

To recommended way to adjust the grinder is to find the zero point where the grinding discs barely touch. To do this, there should not be anything between the discs. Empty the hopper and grind all remaining beans to empty the grinding chamber. You will have some particles left in the chamber, but as the adjustment is done while running the grinder, remaining particles will not be able to block the discs.

When the grinding chamber is empty, the grinder is designed to run only for a short period of time (approx. 1s) to protect the motor from overheating. Note that the protection does not always spot empty grinding chamber correctly and the grinder might run normally even when empty. Either way the recalibration will work fine.

Turn the grind adjustment knob to the finest position. You can see a little hole at the top of the adjustment knob. Use a 1.5 mm hex key (Allen key) through the hole to loosen the knob from the adjustment axis. In Picture 1 you can see the adjustment knob and the hex screw from the inside. Putting the hex key to the screw can be a bit tricky at first. When you have loosened the screw, pull the knob off the grinder.



Figure 1: Inside view of knob

Now you should see adjustment axis and two crosshead screws (Phillips screws). See Figure 2 for a view of the knob internals (picture taken after the recalibration was done). The adjustment axis has a slotted screw on its end (marked with blue B). One of the crosshead screws (marked with A) is in a groove and tightens together the white scale and the adjustment axis. The other crosshead screw (marked with C) secures the factory calibration and needs to be permanently removed to change the calibration.

Removes the both crosshead screws to disconnect the adjustment axis from the white scale. While running the grinder, very slowly turn the adjustment axis (using a slotted screwdriver) in clockwise direction until you hear the grinding discs touching. Quickly turn back the axis until the discs just do not touch. The adjustment axis can be a bit stiff and it might require some force to detach it from the white scale. When it detaches, it should be easy to turn it and find the right zero point.



Figure 2: Internals after recalibration

Manually turn the white scale to the 0-position and refasten the crosshead screw in the groove (marked A) to reconnect the axis

to the scale. This will also reactivate the blockade of the finest setting.

Reposition the adjustment knob on the axis and make sure that the zero on the knob matches the black line on the transparent scale window. Refasten the 1.5 mm hex screw inside the knob.

Verify that you do not hear any sounds of the grinding discs touching at the finest setting. Recalibration is now done!

Should you have questions or comments about these instructions, you can contact me by sending a private message at [Ristretto.fi](https://www.ristretto.fi) or [Home-Barista.com](https://www.home-barista.com) coffee forums, where my username is “akallio”.