Solis Maestro Plus Adjustment Ring Replacement

Tools you’ll need: Medium sized flat bladed screwdriver, A file or tin snips (to expand the slots on the hopper)

1. Unplug the grinder.
2. Remove the hopper, the top burr, the grounds bin, and the timer knob.
3. Lay the grinder on its side with the side where the knob was facing up.
4. Locate the two snap release slots on each side of the grinder (see photo below.) Look at the bottom of the machine where the outer black casing connects to the black base, there are two small slots. These slots are about 1/16 inch thick and 3/8 of an inch long, located about ¾ of an inch (1.9cm) from the back edge and also from the front edge of the grinder. There are two slots located on the side with the timer knob and two on the opposite side. Sliding a flathead screwdriver into these slots and carefully wiggling the tip of the driver while pushing upwards towards the top of the machine will allow you to slide the casing up the base. You’ll need to move each of the 4 slots up about 1/16 of an inch before you can completely remove the casing off the top of the machine. You should now be able to pull the case up and off of the machine and set it aside.

5. Once the casing is off, you should see something like the picture below. Remove the microswitch by pulling it straight upwards.
6. The next step is to remove the top burr from the adjustment ring. If you cannot see the flanges on the sides of the burr (see picture above) you’ll have to rotate the adjustment ring by hand until you can see the flanges (until you can see the flanges, the burr is still locked into the adjustment ring.) Grip the adjustment ring with one had and hold the grinder steady with the other by gripping the white motor mount. You’ll need to turn the adjustment ring counter-clockwise until you can see the flanges. It may be hard to get the ring fully turned at first due to a build-up of dried coffee powder in the threading of the adjustment ring. If the ring does not rotate far enough, it helps to rotate it both clockwise and counter clockwise to build up momentum. If the ring will not rotate far enough to be removed, you can break the upper burr out of the grinder by prying it out with a flat bladed screwdriver. The burr holder will have to be replaced before the grinder will grind anything but a coarse grind. You can order a replacement at our online store.
7. Once the top burr is out of the grinder, it's time to remove the adjustment ring. Before you remove the ring, you'll want to put a towel or pan under the grinder. There is a small ball bearing that sits underneath the adjustment ring which will fall out when you remove the adjustment ring, and the towel or pan will hopefully catch it before it bounces away. To remove the adjustment ring, insert a flat bladed screwdriver between the adjustment ring and the wall of the grinding chamber at the 3 o’clock position (with the front of the grinder being 6 o’clock) and pry away from the burr. This should pop the adjustment ring up and free that side. Repeat at the 9 o’clock position (this will be the point that the ball bearing is most likely to escape.)
8. Replace the ball bearing (and spring, if necessary) into the post near the grinding chamber.

9. Carefully lower the new adjustment ring around the grinding chamber with the cap in the side of the ring facing 3 o’clock (see picture above). Push straight down on the ring to snap into place.
10. Replace the micro switch by depressing the button and sliding it back down onto its two posts.
11. Rotate the adjustment ring counter clockwise as far as it will go (the gap in the side of the ring will line up with the microswitch.
12. Replace the casing of the grinder. Replace the timer knob.
13. Before you can reinstall the hopper, you'll need to widen the slots on the bottom to 3/16th of an inch (so they'll fit over the wider tabs on the new adjustment ring.) You can use a file, tin snips, or any other cutting/grinding tool. The plastic is tough and won't shatter under the stress. It's best to pick either the right or left side of one slot, widen it, then widen the other slot on the same side as the other.
14. Replace the top burr and hopper and you should be back up and running.