

## Switch Set Up For AntHead Extruder

This will also work for the Modified AntHead extruder, you would just do the steps for the upper switch and ignore doing the bottom switch.

When I first set up the new AntHead Extruder, I noticed that it is a tight fit for the limit switch and that for the best fit I needed to bend the prongs on the back of the micro switch. I found that if I bent them so the prongs were pointing upwards it worked the best.

You will also need to remove the lever from your switch if it has one. Gently bending it upwards until it comes off, just be careful. When that is done your switch should look something like this.

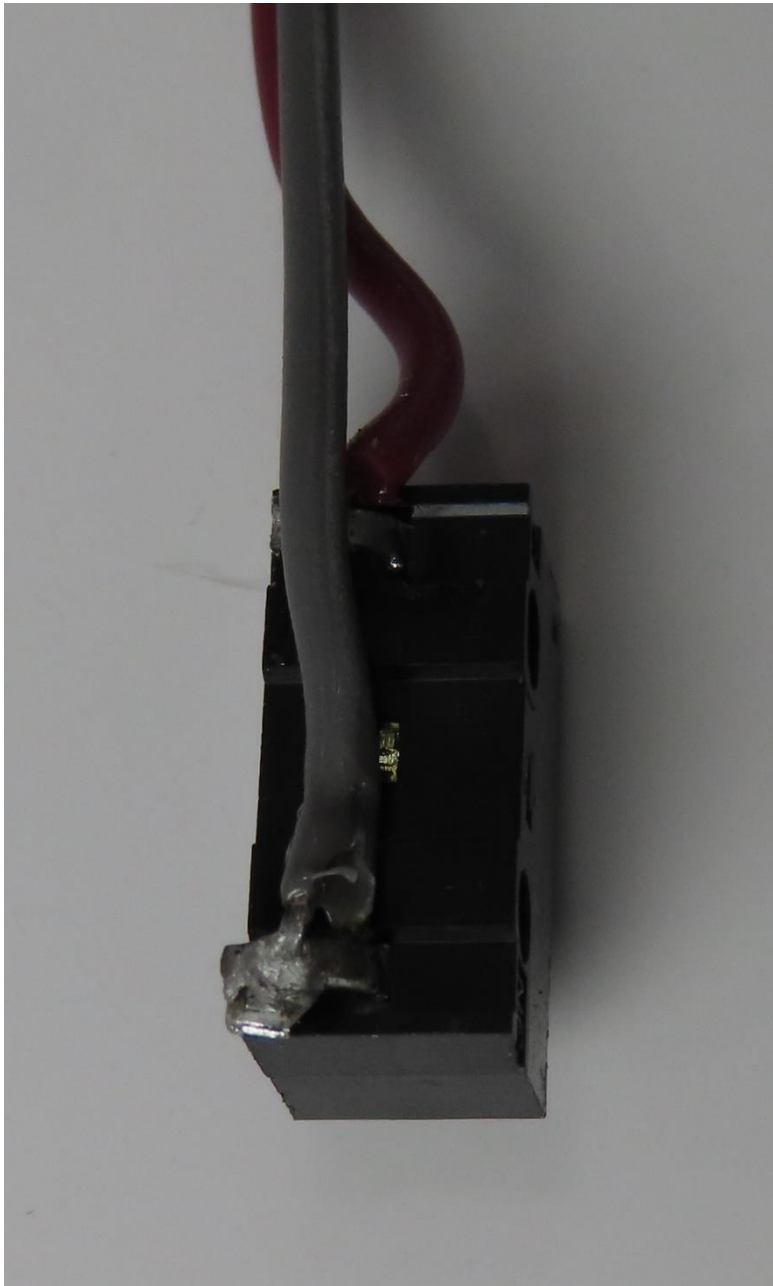


Once you have done that you will need to solder 2 wires onto those prongs carefully. Make sure the wires outer diameter is small enough to fit into the groove in the extruder body.

I found that for the upper switch you want to solder the wires to go the opposite direction as the prongs and slightly upwards.



If you are soldering the lower wires, you will want them to go straight upwards so that they come directly out when the switch is mounted.



(If desired you can put liquid electrical tape over the prongs to ensure nothing can cause issues with your switches.)

Once you have those done you can put them into the extruder body along with the required ball bearing. (At the time of this guide it required a 5.5mm ball bearing) Make sure you put your switches in the body before starting to assemble the rest of the extruder as the bearing that goes in the center to keep the main shaft aligned will make getting the upper switch in more difficult. Once you have installed both micro switches just complete the assembly of the extruder like normal.