

Instructions

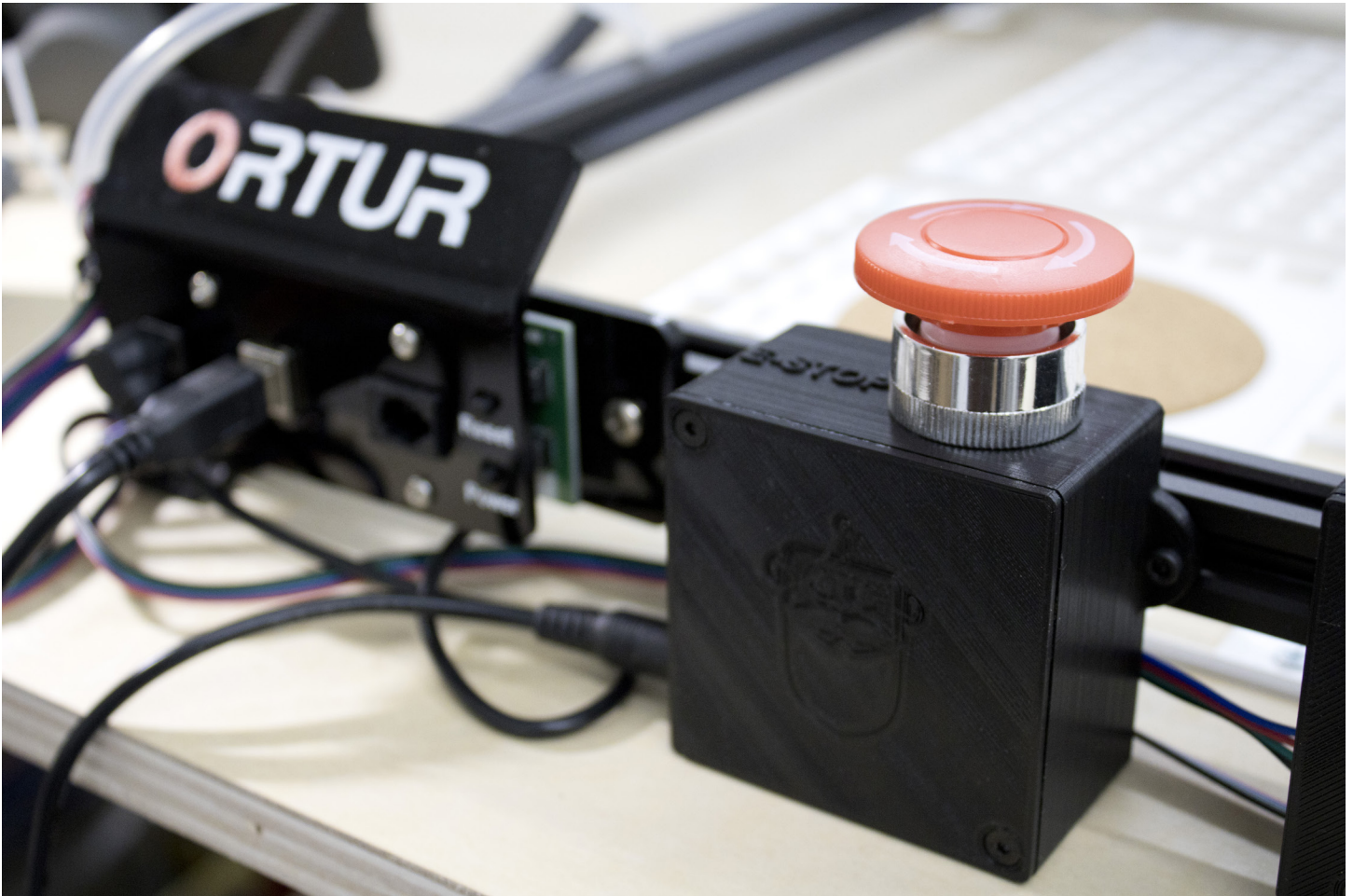
Ortur Compatible Easy Install E-Stop

Installation and Setup Guide



INTRODUCTION:

The following guide is for the installation and use of the Ortur Compatible E-Stop by Beard & Bot. Please follow each step correctly, and in order, for a successful installation of your E-Stop.



WARNING: *Modifying your laser comes with risks. Please be careful and take basic safety precautions. Unplug your laser before working on it and wear proper protective equipment. Use care and caution when touching the electronics of your laser. I am not responsible if you break something on your laser while trying to modify it.*

Now that the boring stuff is out of the way, this is an easy install so let's get started.

WHAT'S INCLUDED:



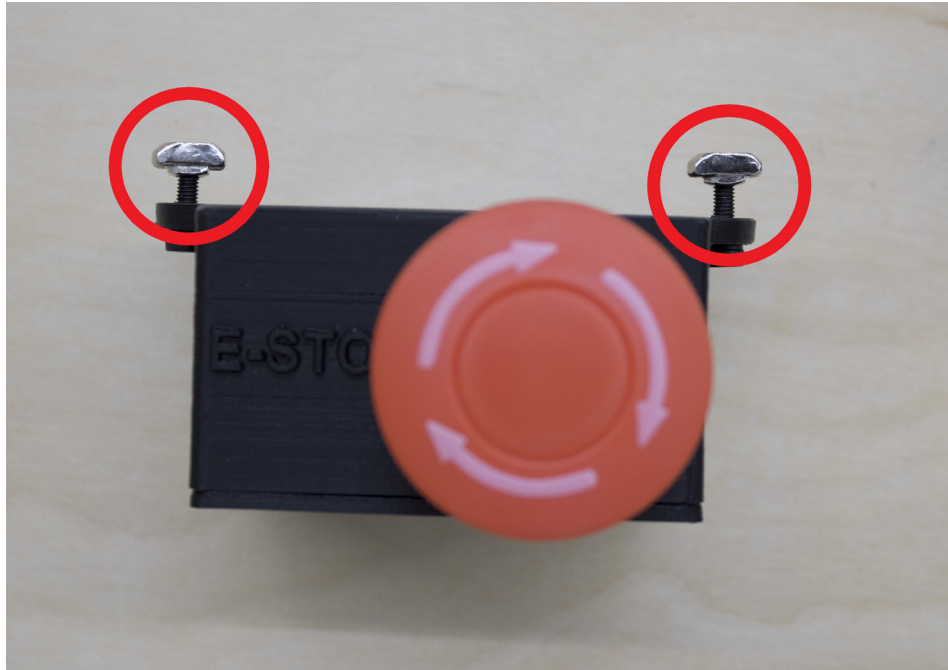
The following parts are included for installation:

- 1 - E-Stop Button**
- 1 - Power Cable**
- 2 - T Nuts**
- 2 - 10mm M3 Bolts**
- 1 - Zip Tie**
- 1 - 2.5mm Allen Wrench**



INSTALLATION:

1. Take the two 10mm bolts and put them through the holes on the E-Stop case and then just barely start the two T Nuts on the bolts.

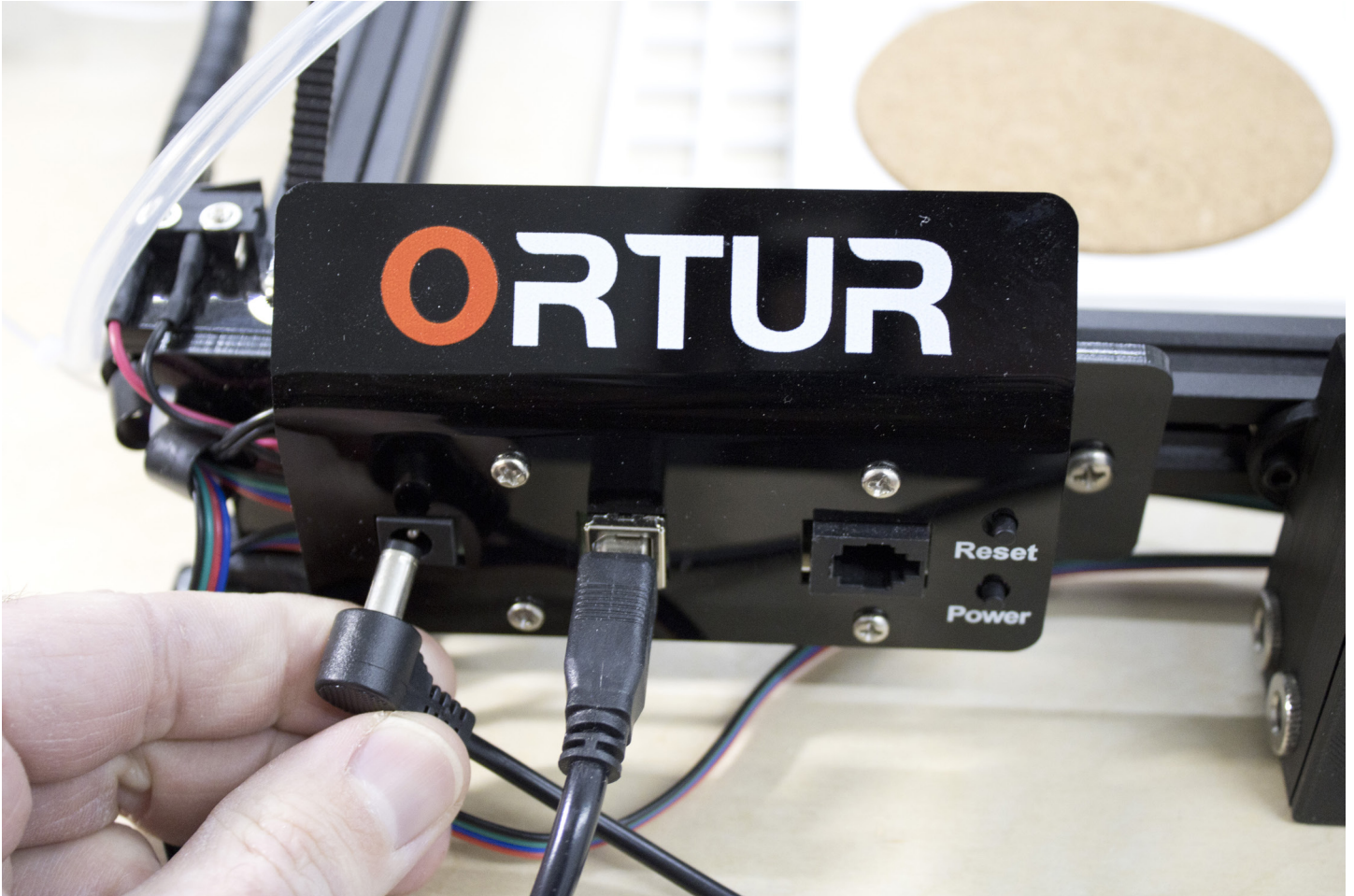


2. Hold the E-Stop to the front aluminum extrusion next to the controller, ensure the T Nuts are horizontal and push them into the slot. Tighten the bolts using the included 2.5mm allen wrench. The T nuts should turn vertical as you tighten. Snug up the bolts, but don't over tighten them to prevent cracks in the housing.



INSTALLATION:

3. Unplug the power cable from your laser, and replace it with the new 90° power cable included in the kit.



INSTALLATION:

5. Plug the other end of the 90° power cable into the back port of the E-Stop.



5. Plug the original power cable that came with your laser into the front port of the E-Stop. If you would like to cable manage the power cables, use the included zip tie.



Congratulations! You are all done. Sit back and admire your hard work.



OPERATION:

If you get into a situation where you need to stop the laser immediately, push down the big red button and then you need to stop the cut in Lightburn. The button will cut power to the laser and will remain pushed down.

To re-engage the power to the laser, twist the red button clockwise until it “pops” back up. You will need to restart your laser using the power button. You can then restart your laser project in Lightburn.



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If you enjoy the Easy Install E-Stop, please leave me a review on Etsy! If you feel it deserves any less than 5 Stars, please contact me first so we can address any issues that you may have experienced. Thank you for your purchase!

Thanks,
Jonathan

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