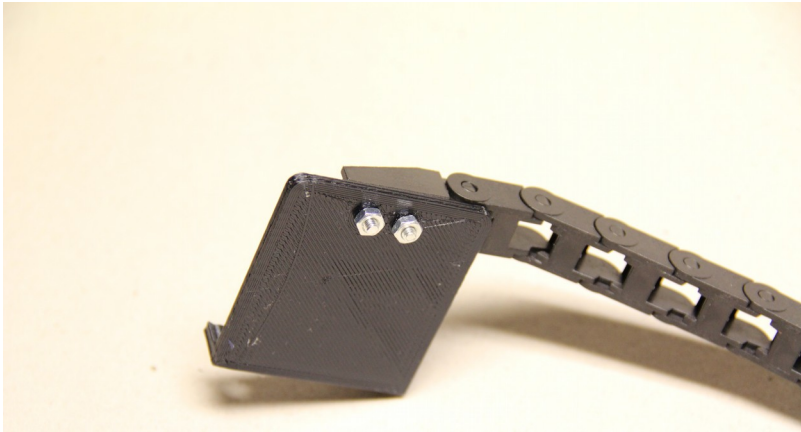Hello, thank for purchasing our product. In the following pages we will show you how to install it correctly.

At the beginning I refer again to the safety and liability information:
When you are installing the Kit unplug the laser cutter. We are not liable for any damages to persons ore things.

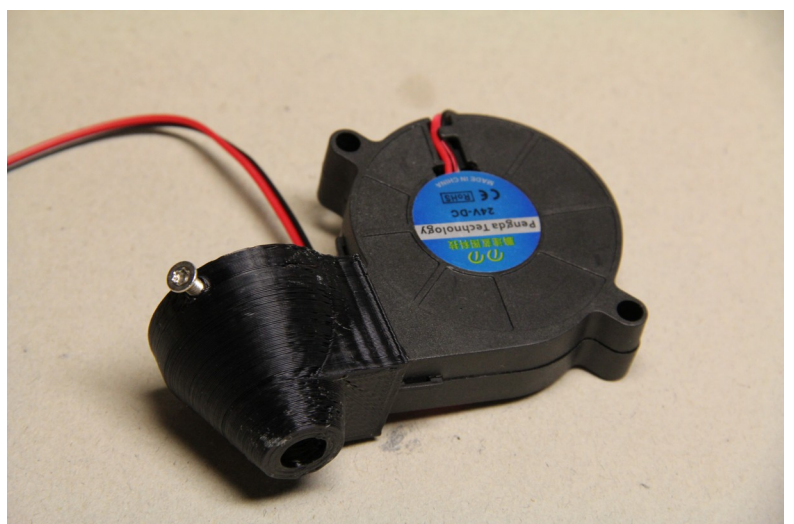1. Mount the drag chain to the drag chain holder.

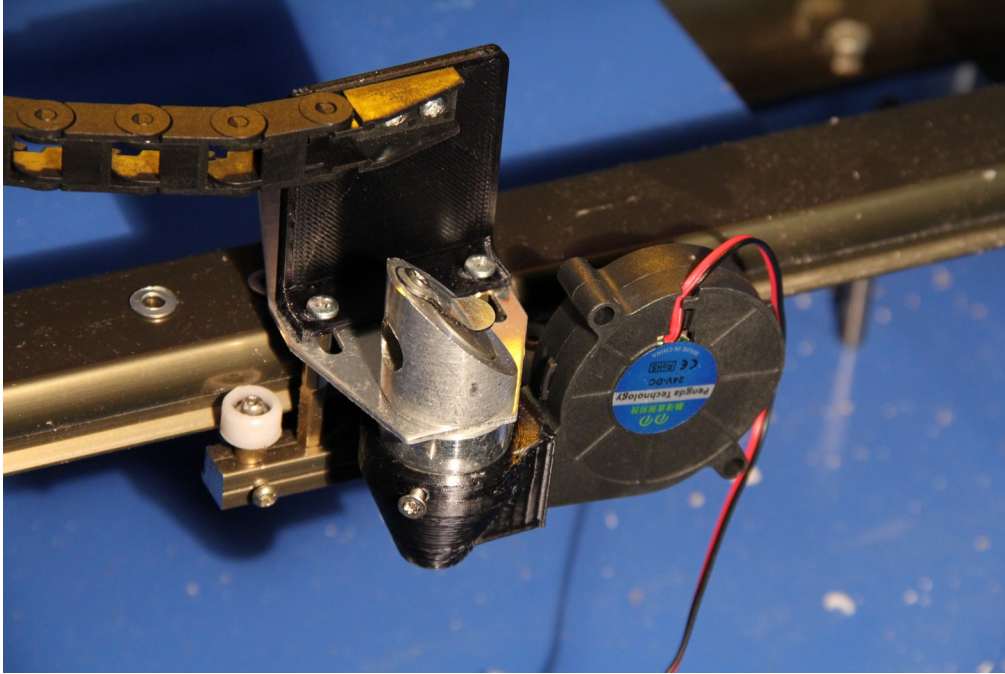2x M3 Screws and nuts

2. Screw to mount the nozzle.

Attention! The screw needs to be heated up with a lighter while being screwed in to prevent a crack.
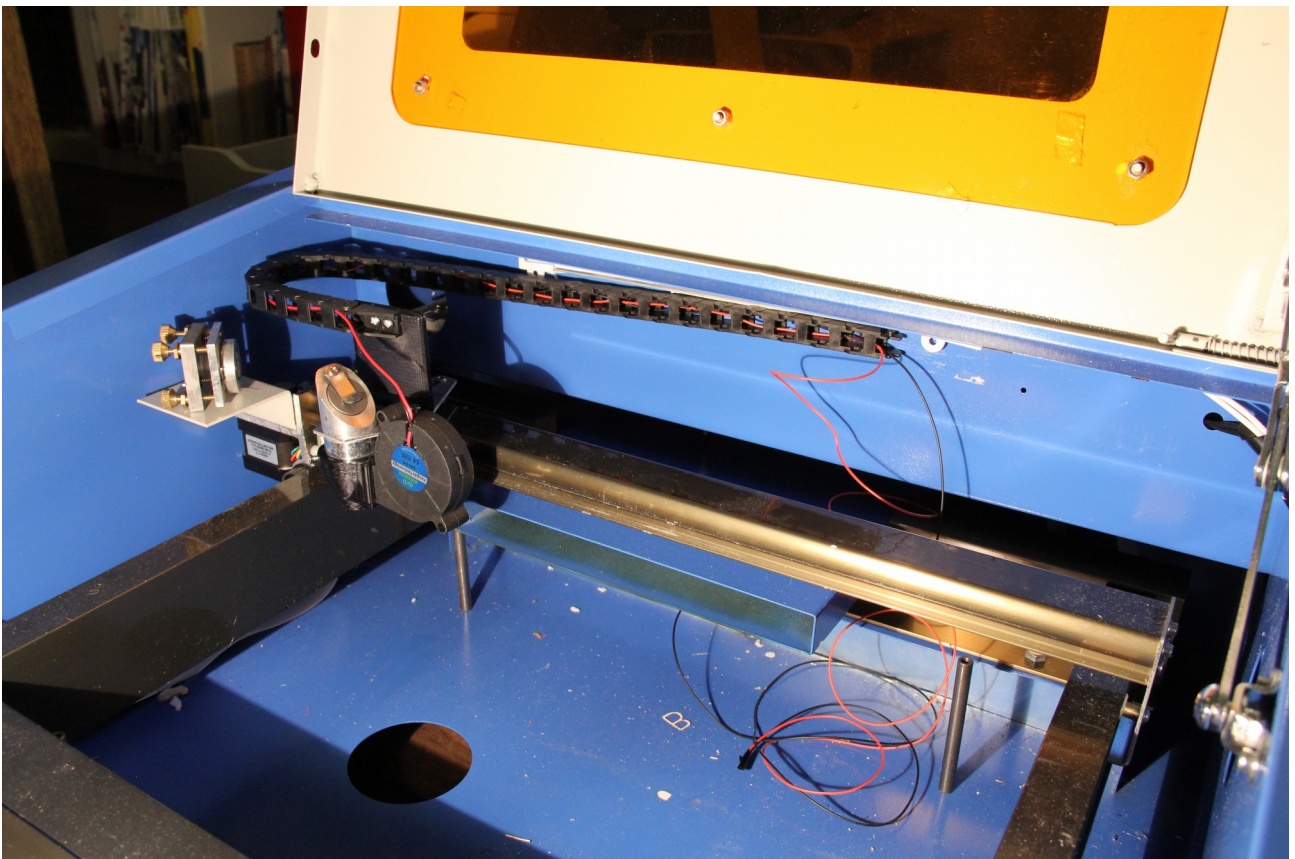
3. Glue the fan to the nozzle with superglue (remove the first small tap before fitting it in).
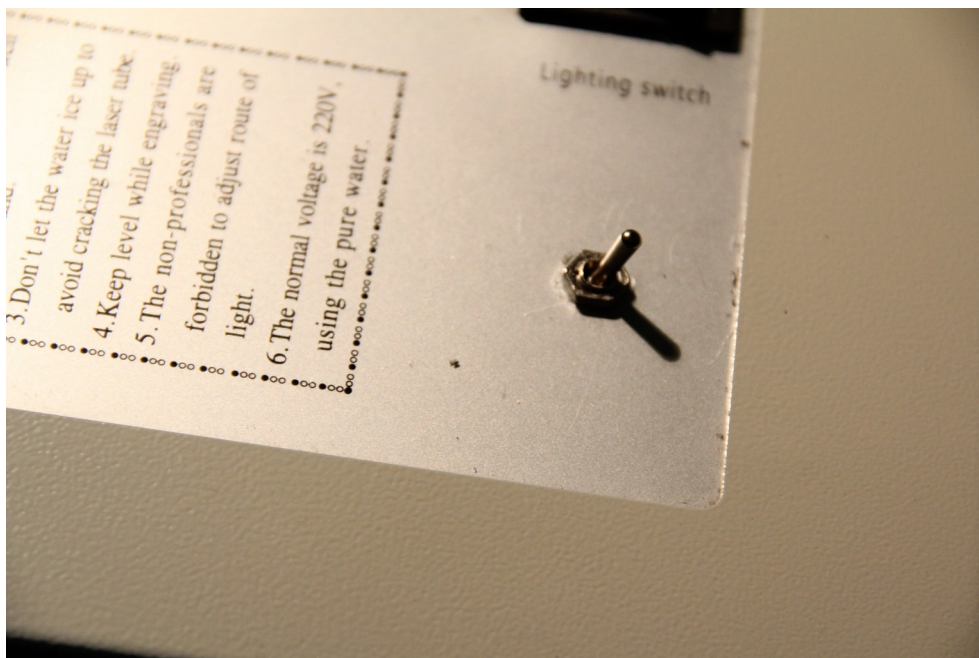
4. Screw the drag chain holder and the nozzle on your laser cutter.

5. Solder a longer cable to the fan and tread it tough the drag chain. Now fix the drag chain to the laser cutter similar to the picture below. I can recommend "UHU Sekundenkleber Blitzschnell" (the glue comes with ordering our honeycomb adjustable bed)

7. Drill a 6mm hole in the control area. Cover the power supply up before drilling to avoid metal falling into the power supply. Make sure that you are no drilling into the PCB.
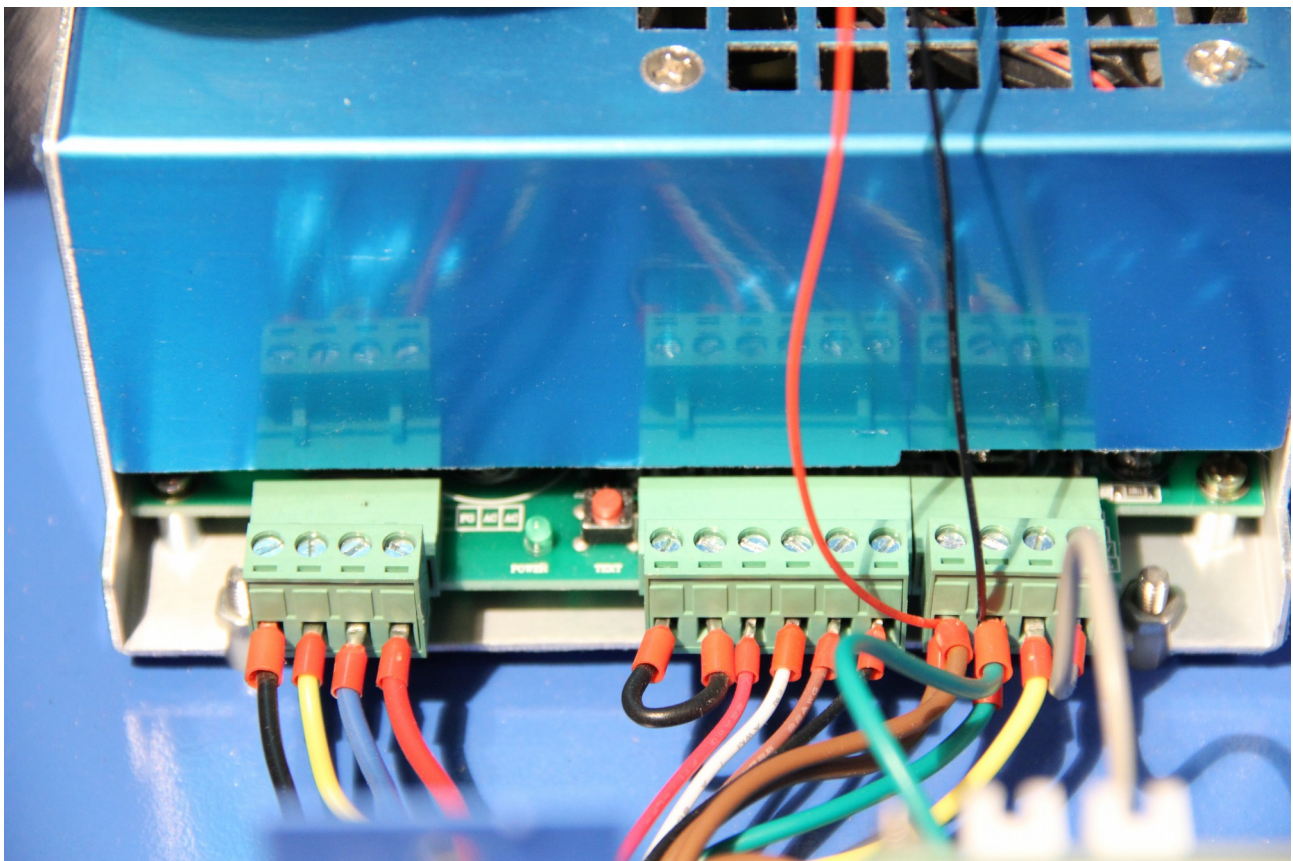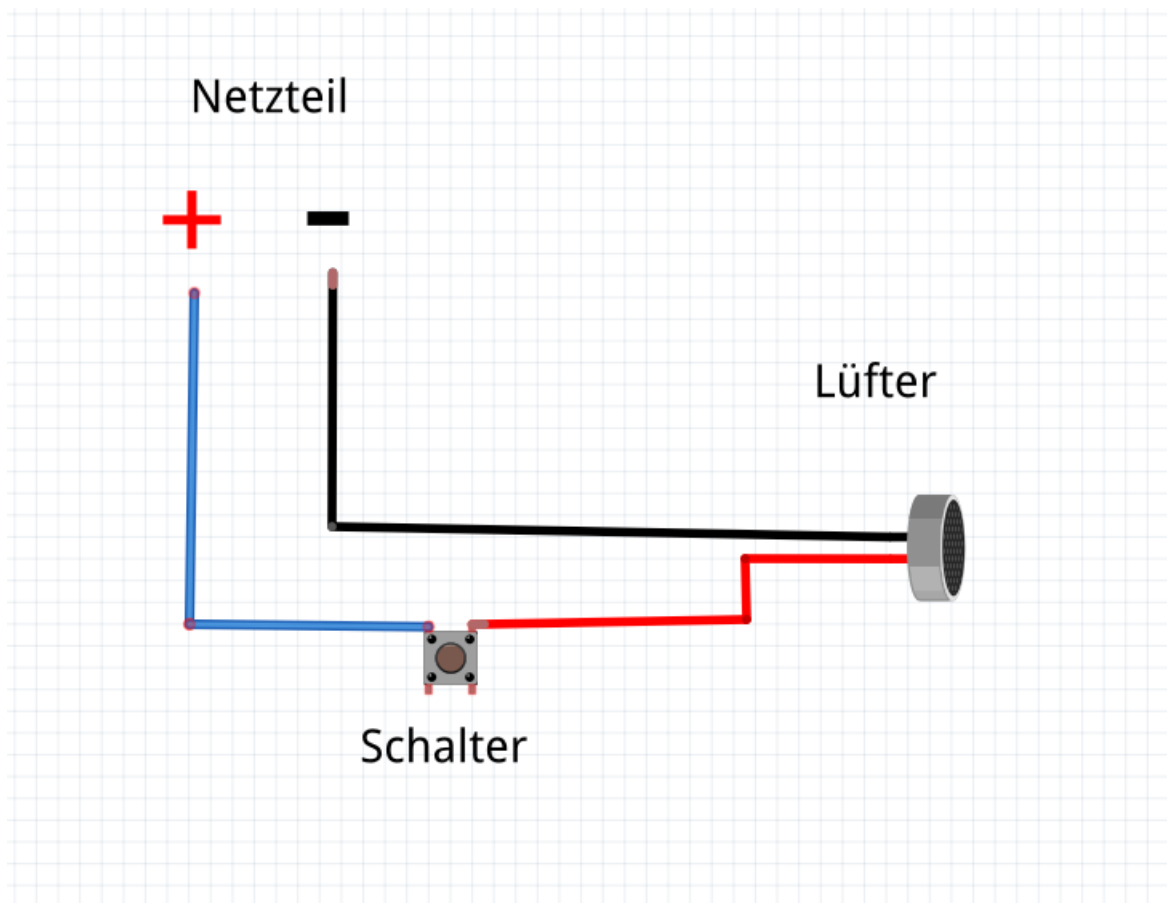

8. Now the electronics. Wire it like in the following diagram:
Time to learn some German :)
Netzteil = power supply
Lüfter = radial fan
Schalter = Switch

Netzteil

+ −

Lüfter

Schalter

The red and Black cables that come from the top are the air assist wires. Those terminals deliver 24V. If you have a Multimeter at hand you can measure it to be save.

Open the terminals an stick the treaded wires in, make sure the wires are secured properly.

And now have fun with your laser cutter!

And check out our adjustable z-axis/bed that makes the way more convenient to focus the material
If you have any questions feel free to contact us at: mail@xs-robotics.de

Have a good one
Benedikt Hartmann