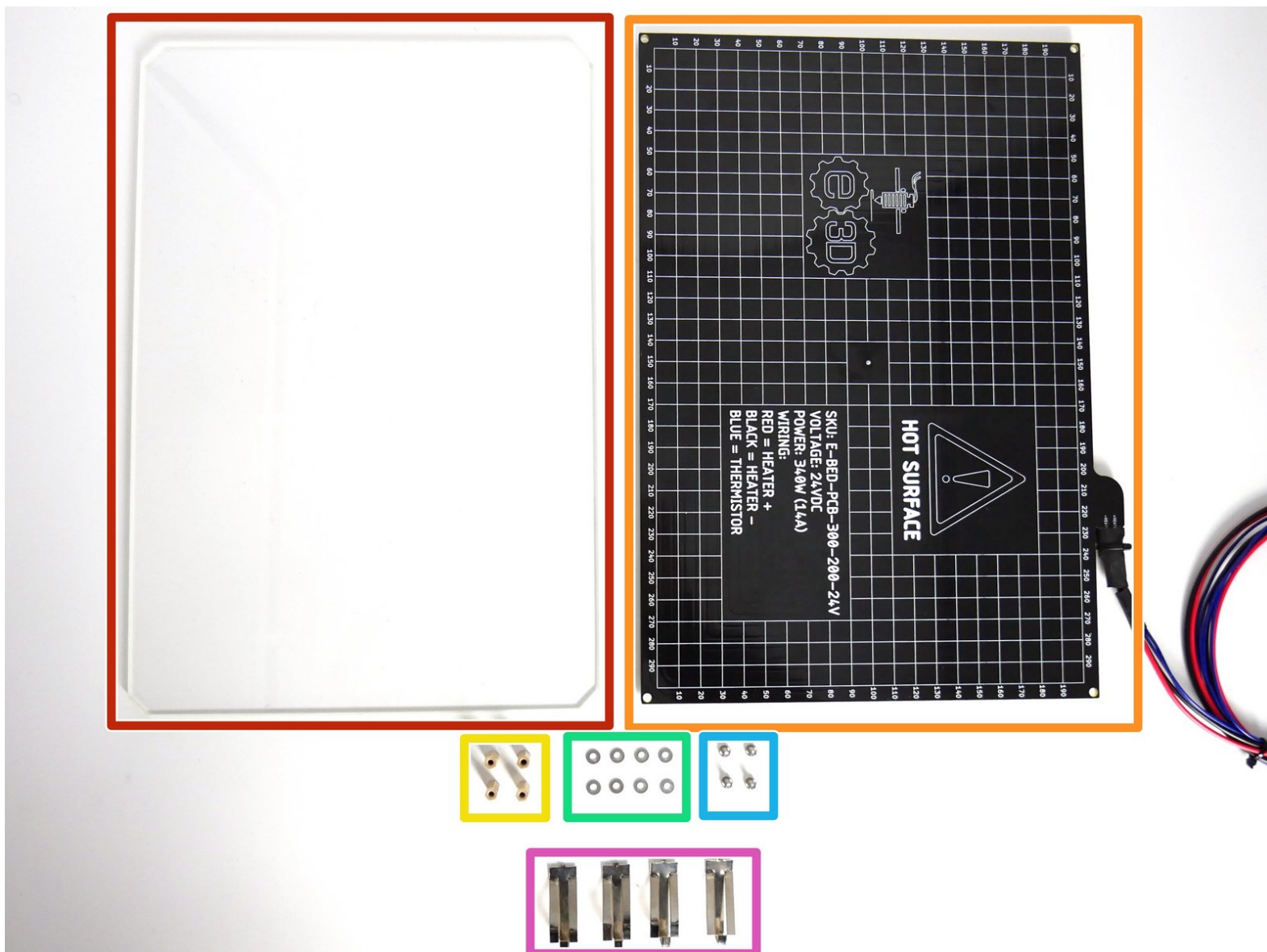




Varipower Bed Assembly Guide

Written By: Dan Rock



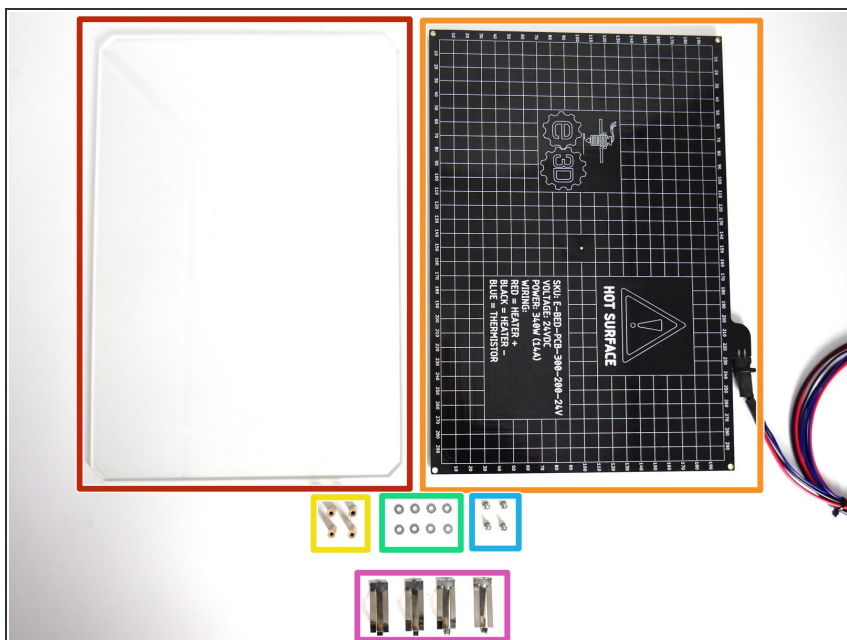
INTRODUCTION

Please be mindful when mounting the bed on printed plastic parts, Ideally, the Varipowered beds should be mounted on a metal frame as these beds are capable of reaching 120°C

Do not touch the heated bed when in use.

Do not print directly onto the PCB surface.

Step 1 — Varipower Bed Assembly Guide



- Gather parts:
 - x1 Varipower bed
 - x1 314 x 214 mm borosilicate glass
 - x4 swiss clips
 - x4 PPS plastic spacers
 - x4 M3 screws
 - x8 washers

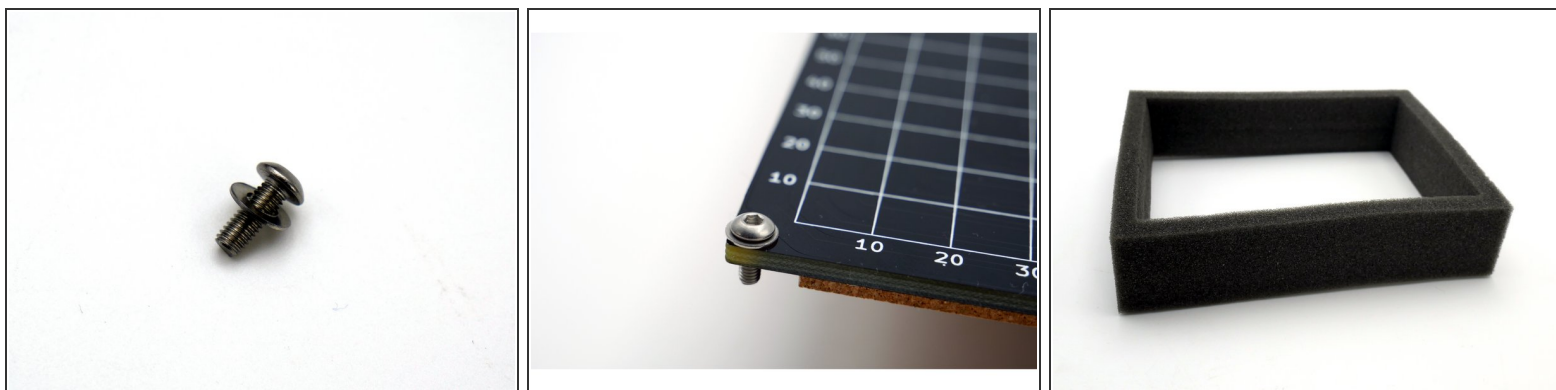
Step 2



⚠ Before doing anything make sure the printers power supply is not plugged into the wall.

- It's safer to completely remove the plug, rather than just turning it off.

Step 3



- Place a washer on one of the 4 M3 screws.
 - Place the screw and washer into the hole in the corner of the bed.
 - Do this for all 4 corners.
- i** You may find it easier to elevate the heated bed for this step. For this example a piece of scrap foam has been used.


Step 4



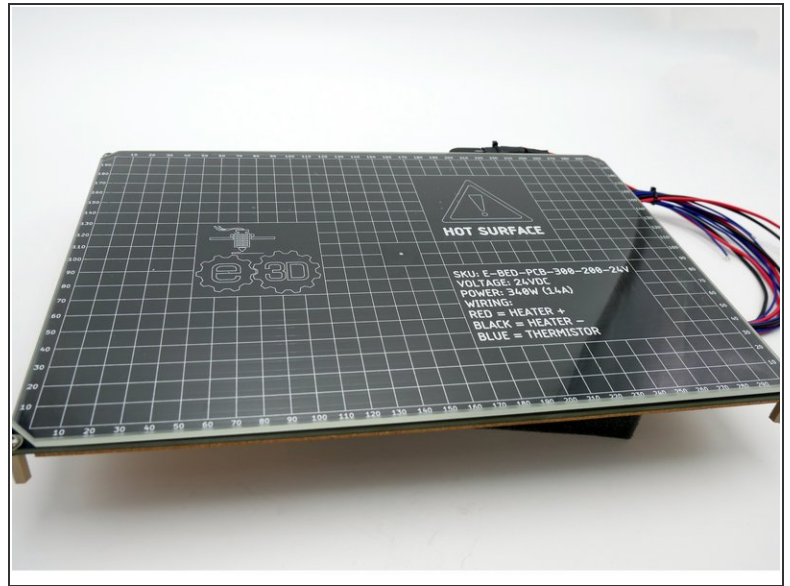
- Place a washer on top of the spacer.
- Screw on the PPS plastic spacer onto the M3 screw.
- Do this for all 4 corners.

Step 5



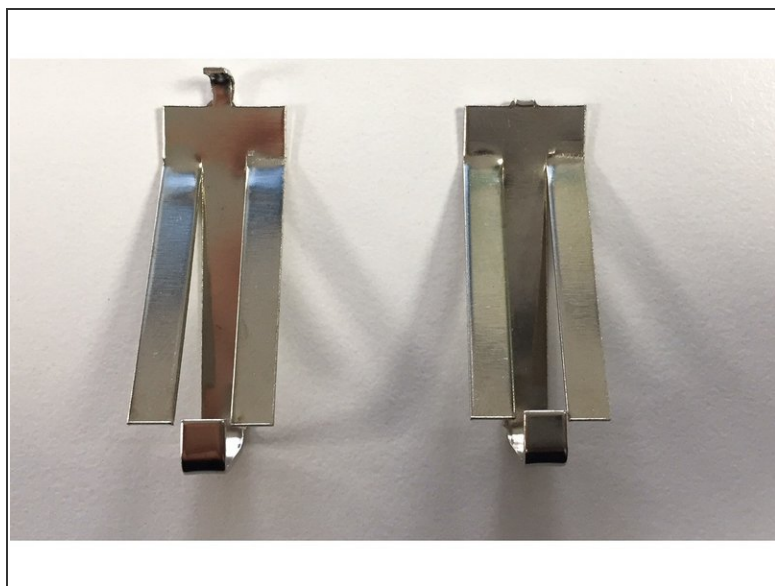
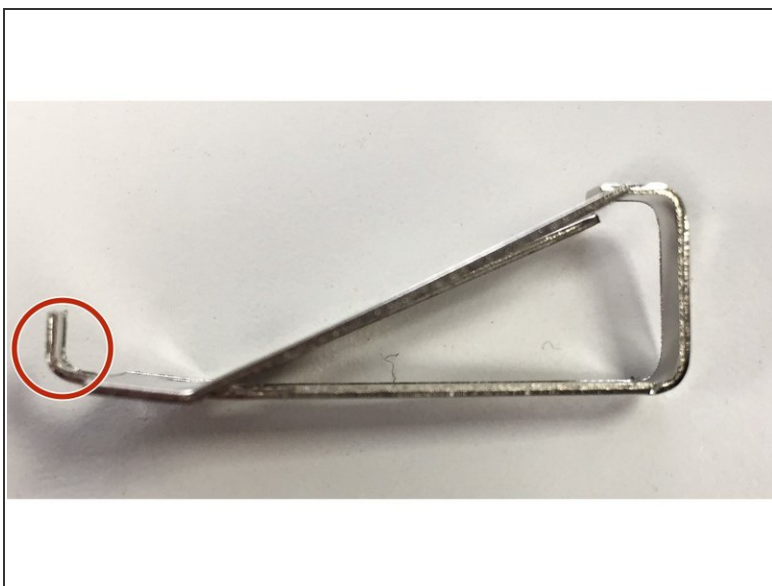
- You can now mount the bed onto your printer.
-  Please see dimensions in datasheet for more information.

Step 6



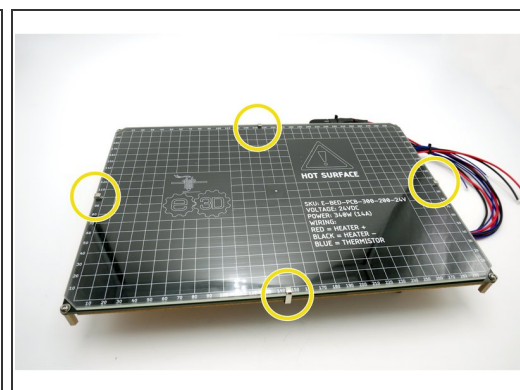
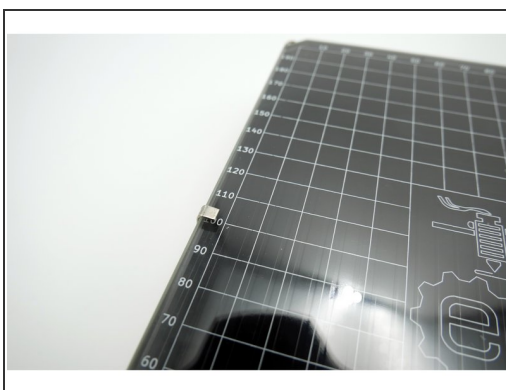
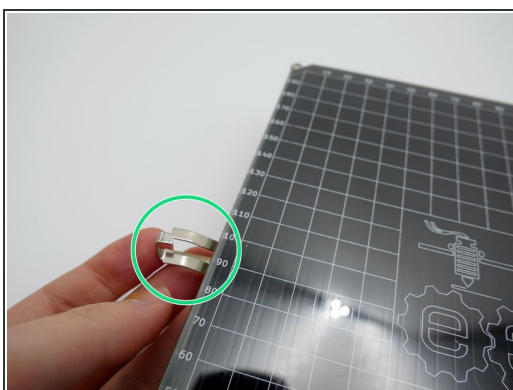
- Place the Borosilicate glass on the Varipower bed.

Step 7



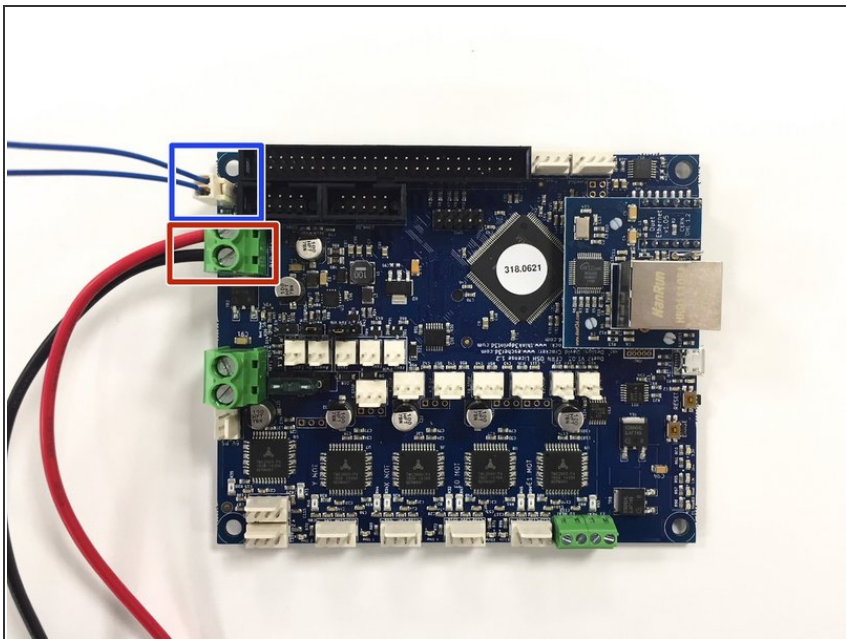
- Swiss clips often come with a tab on the end which can damage the cork backing
- ⚠ Don't use the clips in this configuration.
- Use a pair of pliers to remove this tab before using them to secure your glass plate.

Step 8



- Secure the Borosilicate glass bed to the Varipower bed.
- Do this on all 4 edges of the bed.

Step 9



- Connect the two blue wires (thermistor) to the bed temperature pin on your printer board. (these are non polarised connections)
- Connect the two power wires Red and Black to the heated bed power terminals on the printer board. (these are non polarised connections)

⚠ Image shows a Duet Ethernet board, other board layouts will vary, look up a pin out diagram of your board for specific examples.