

Tutorial JGaurora Base Unit dismounting for inspection

ufodoctor3, April 22th, 2019

1. Introduction

Sometimes we need to investigate the Base Unit with the y-bearings. But the dismounting is very delicate, do not over-stress the cables and check if they are afterwards connected properly!



Fig. 1: Bed removed
1: Plug to Bed disconnected (Hot glue!)
2: Free Base Unit JGaurora

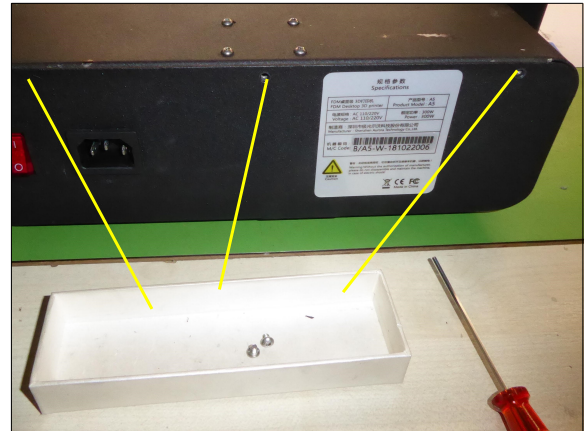


Fig. 2: Three Rear Screws removed

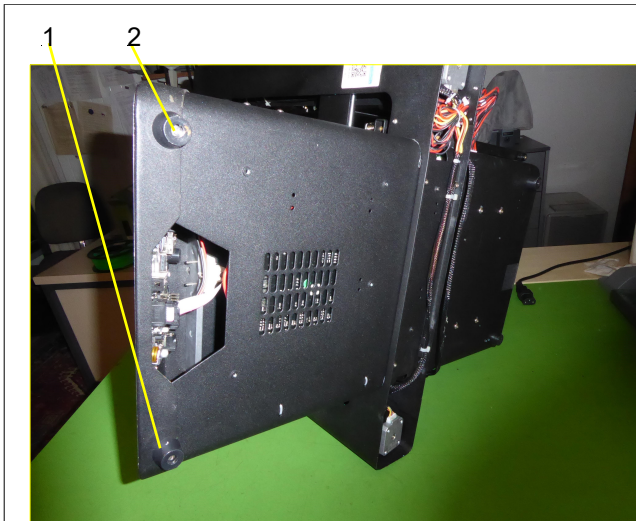


Fig. 3: Two Bottom Screws 1,2 removed

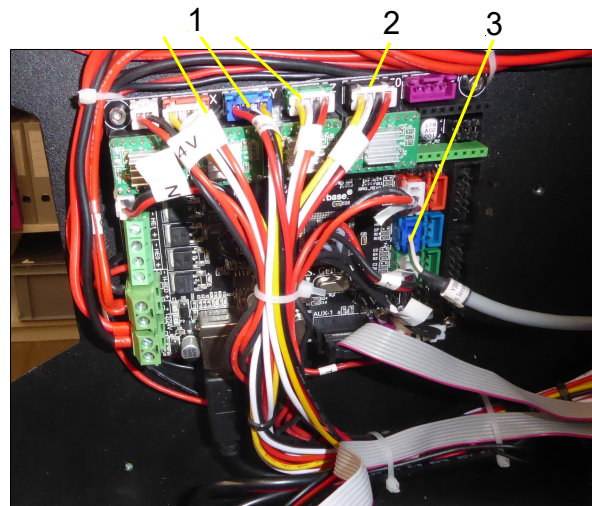


Fig. 4: Stepper Motor Drivers
1: x,y,z axis, 2: Extruder, 4: y-Micro switch

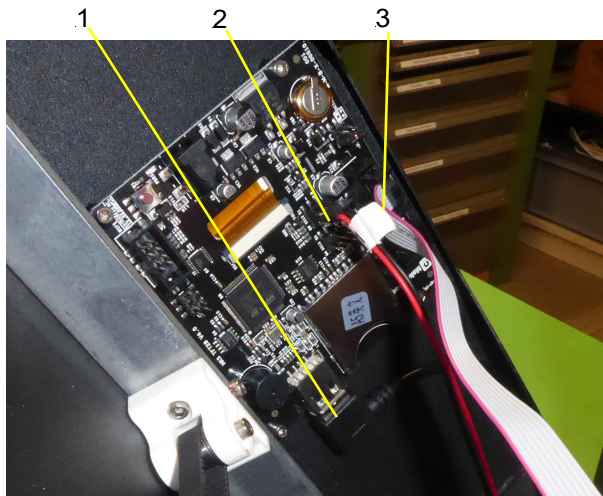


Fig. 5: Main Board

- 1: USB (well plugged in afterwards?) ,
- 2: Notice Polarity,
- 3: Check if connected properly

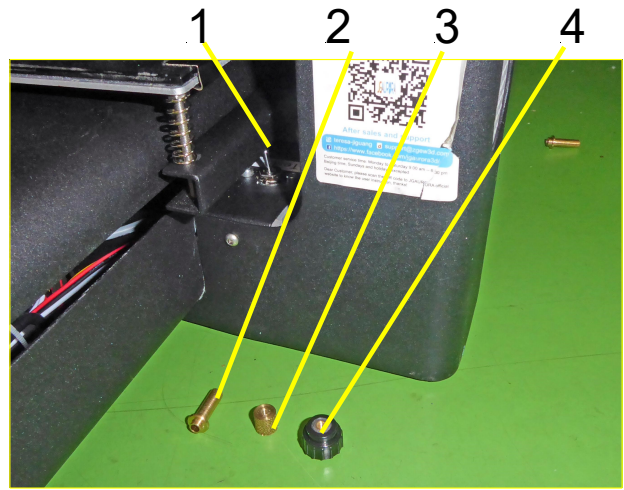


Fig. 6: Remounting Bed

- 1: Test x-Switch (see our former report)
- 2: Our improved low friction leveling tube
- 3: New Small Leveling Nut
- 4: Original Leveling Nut

Comment:

By our first experiment the cables got over stressed and the plugs got disconnected from there connectors! No ideas there to plug-in again afterwards
So please be careful and apply spacers during opening!

Good luck
Peter