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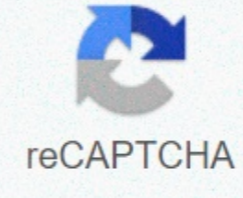
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Anet a8 assembly

The center of the bed may not be the actual center. When printing large prints, skirts, collars, or things themselves are printed out of the heated bed. Read about bed center offset calibration: Video part description about some upgrades Where to buy? Belt GT2 6 mm belt (recommended fiberglass reinforced) ebay heater block aluminum heater block Ali Express Main Board Annet V 1.0 Anet 3d printer main board Banggood PSU 12 V, 20A, 240W power supply unit Ali Express throat inside PTF tube. M6 thread, 30 mm ebay nozzle 0.4 mm MK8 nozzle 1.75 mm filament ebay extruder MK8 extruder All Express linear bearing LM8UU ebay linear singing upgrade Igus RJ4JP-01-08 ebay heat bed upgrade MK3 ebay Thermistor market has a couple versions, here is a clean photo with each difference. Click on the photo to zoom in. File name description size revision time user of the icon file type of the selected file type I did not want to go deep into the printer assembly because this is already done very well by the manufacturer of this printer (Anet). I thought it would be better to show you the basics of using this printer and show you some upgrades I've made to my printer to make it even better. Now that you've assembled the Anet A8 3D printer kit, you'll want to try it out, but I don't know how to download and print the file or set the printer with the appropriate parameters. This procedure provides the basics of how to download and print files. The first thing you want to do is go to make a free account. Once you've created an account, go to the type of search bar you want to print. So if you find something you want to print, press the download button and you'll see a zipped folder, so you'll want to extract it to a place you remember. We recommend that you create a 3D print folder on your desktop and extract all print files. The next thing you need to do is download a program called Cura. Now set the print parameters, slice the model and save it to the SD card. You can download Dura online for free. I put the download link here: . There is also a download link to the included micro SD USB stick. So, once you open the Cura, the first thing you want to do is click on Machines at the top of the screen, select Add a new machine., click Next, select Other and select Plusa Mendel I3. You can now go to the basic tab and start setting parameters. (These parameters are for PLA filaments, not ABS filaments) Basic tab: Layer height: 0.1mm orSpeed: 50mm/secTemp:190 deg CBed Temp:45 deg CFilament Diameter: 1.75mm Flow: 100% Nozzle Size: 0.4mm Advanced Tab: Running Speed: 100mm/sec Infill Speed: 60mm/sec All of these parameters are very important to change from default. Once you have inserted all the parameters, open the previously downloaded thingiverse file, connect the included micro SD USB, and confirm that you want to save it to your SD card by pressing the Save Toolpath button at the top left. When you do this, Cura can use the . If you want to add an STL file to the . GCODE file. Cannot print the printer. With STL files, you need to slice all thingiverse files on The Cura before printing. So insert the SD card into the printer and turn it on and print! When printing large prints, skirts, collars, or things themselves are printed out of the heated bed. Read about bed center offset calibration: Video part description about some upgrades Where to buy? Belt GT2 6 mm belt (recommended fiberglass reinforced) ebay heater block aluminum heater block Ali Express Main Board Annet V 1.0 Annet 3d printer main board Banggood PSU 12 V, 20A, 240W power supply unit Ali Express throat inside PTF tube. 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Basic tabs (these parameters are for PLA filaments, not ABS filaments): Layer height: 0.1mm or 0.2mm Print Speed: 50mm/s Printing Speed: 190deg CFilament Temperature: 45-deg C filament diameter: 1.75mm flow: 100% nozzle size: 0.4mm advanced tab: moving speed: 100mm/sec All these parameters are very important to change from the default. Otherwise, you may experience a lot of printing problems. Once you have inserted all the parameters, open the previously downloaded thingiverse file, connect the included micro SD USB, and confirm that you want to save it to your SD card by pressing the Save Toolpath button at the top left. When you do this, Cura can use the . If you want to add an STL file to the . GCODE file. Cannot print the printer. With STL files, you need to slice all thingiverse files on The Cura before printing. So insert the SD card into the printer and print it!1 2 3 4 5 6 7 7 9 10 11 12 13 14 15 16 17 18 19 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 At 38 o'clock the center of the bed is not the actual center. When printing large prints, skirts, collars, or things themselves are printed out of the heated bed. Read about bed center offset calibration: Video part description about some upgrades Where to buy? Belt GT2 6 mm belt (recommended fiberglass reinforced) ebay heater block aluminum heater block Ali Express Main Board Annet V 1.0 Annet 3d printer main board Banggood PSU 12 V, 20A, 240W power supply unit Ali Express throat inside PTF tube. M6 thread, 30 mm ebay nozzle 0.4 mm MK8 nozzle 1.75 mm filament ebay extruder MK8 linear bearing for extruder LM8UU ebay linear bearing upgrade Igus RJ4JP-01-08 ebay heat bed upgrade MK3 ebay Thermistor heatbed NTC 3950 Banggood Blower Fan Anet 515 received. Because of the ease and cheapness of the build, what is actually at a good distance from the heat source, not under a lot of stress, I printed in PLA. Something important that I printed with ABS. As it is the final home is figured out, some part of the system I want to remove from any proximity to the frame anyway. SoThe first assembly is what I have come up with, PLA is fine for a lot of things like this. All 3D prints of this project are printed on the Pulsa I3 MK2 and I have been printing with Pulsa for about a year. Prusa is enclosed and well-screened machine, easy to print anything ABS, PETG, PLA. Day 2: The base frame is assembled and still waiting on the foot, some minor disassembly comes and nothing is locked down to the square. The Y-axis motor is equipped with a Y-axis rod and bearings and looks sufficient for now. It's enough for proof of concept. Here upgrade to H bed and bearing Day4: H carriage is installed and finally found a good and adjustable Y belt holder. Frame is foot mounted, tomorrow day 5: Z-axis push-out is placed, attached Z-axis is placed, heat bed distortion relief printing fan guard for mainboard fan (using the old 80mm computer fan I was lying on) weekend It has been square to: Why do I label these entries by day?1 week later: This is basically a step we think has exceeded the price target of 250 dollars, but considering the effort so far, now this printer is a test mule for upgrade. Yes, linear rails have been come up. Now. There is no real hurry for The New Year. Updated in mid-February: Printed Y-axis belt holder works great, good geometry. Mounted X-axis belt tensioner everything works, mosfet for heat bed works perfectly, bed goes to 100, no problem. Printing a riser for chipping the rack will be a typical Perspex thing, but will solve it with an 18mmx3mm neodymium magnet for closure. Print the new Fi ramen to guide and spool holder and hopefully print first on Wednesday night? The PEI surface had fire for various reasons on these Anet A8 printers the structure of the same .gcode (PEI first printing) enclosure on the first bench (second printing of packing tape) and the second bench. As a precaution, I'm putting it under my printer on top of some hardibackers (underlays on tile floors) to provide some fire protection. especially because it's on a wooden cabinet. The cabinet itself was previously used to hold a water tank of 100 gallons. Basically, × frame structure is bolted together. Under it, there is enough space for a couple of CR-10 printers and a couple of 5 gallon buckets for filament storage. Additional update of am8'1 update to add OCtoprint Halong automatic bed leveling leveling