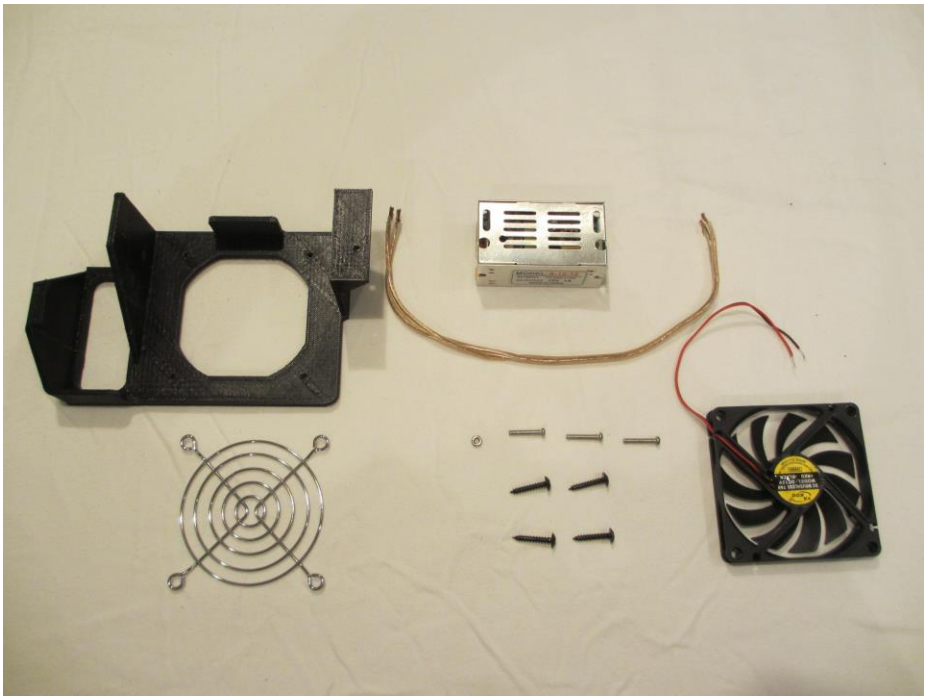
Imagin3d PSU Fan Instructions:

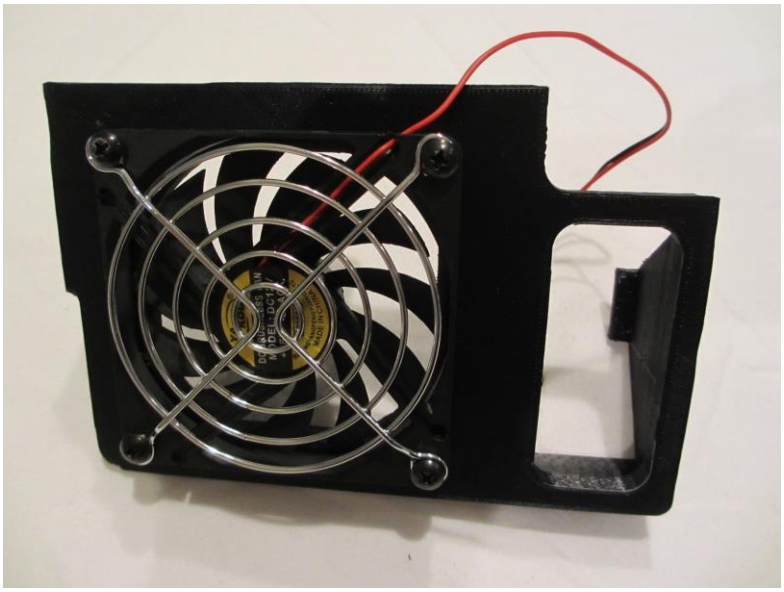
This free upgrade has been engineered courtesy of Imagin3d to work with generic parts. The M3-0.5 screw is referenced to stay congruent to much of the Anet A8. Not all pictures represent the use of this screw. Other screws may be used. For those choosing to skip the extra PSU print the corresponding file for that option and adapt instructions as necessary. Please contact Imagin3d at support@imagin3dprinting.com with questions.



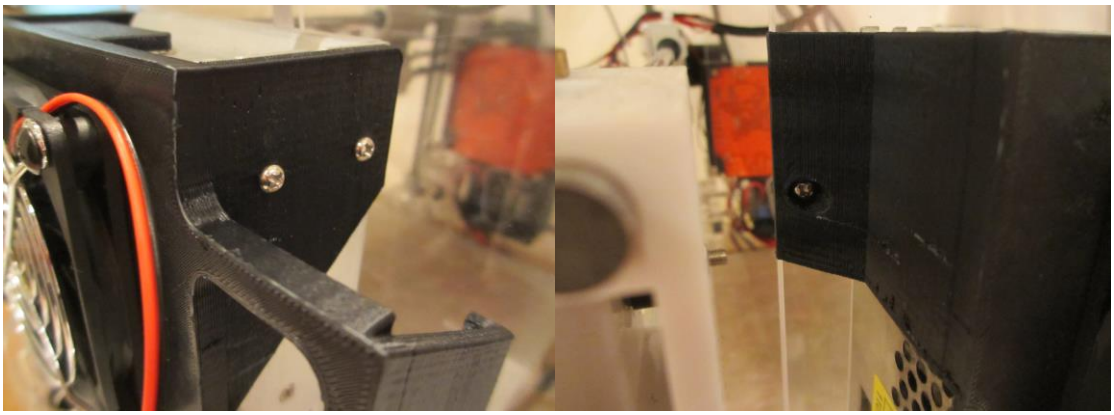
Parts List:
1 fan cover 80mm fan cover
5 M3-0.5x 20mm screws
4 M3 x 7mm washers (optional)
1 80mm fan 12 volt DC
1 printed bracket .stl file provided
2 M3-0.5 x 10mm screws
1 M3-0.5 nut
1 PSU 1 amp, 12 volt DC 1 (optional)
2 wires 16 awg or better 200mm

1. Print the provided .stl file of your choice and clean off supports. Use ABS or other high temp plastics. An enclosure may help if warping or cracking is experienced. Do not print in PLA as it is not a high temp plastic.

2. Tap fan mount holes with an M3-0.5 tap that will be used for mounting. You may use self-tapping screws of a similar size if you wish.

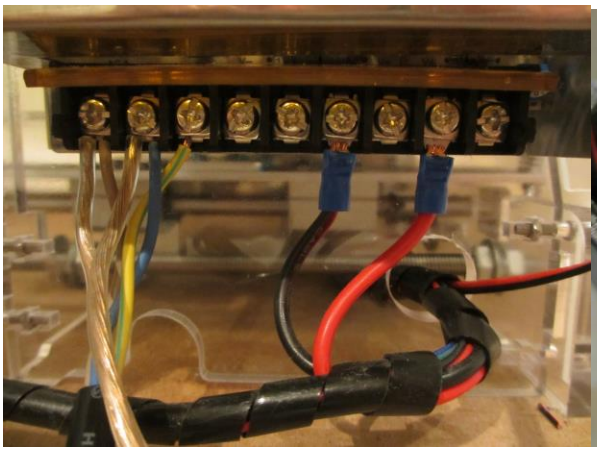


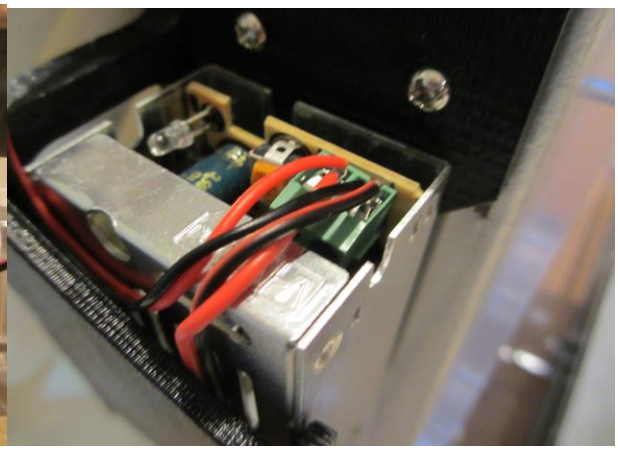
3. Attach M3x7mm washers, fan cover and fan with M3-0.5x20mm screws. Washers may be skipped if a larger headed screw is utilized or a fan cover with smaller mounting holes is used.



4. Mount to power supply using M3-0.5x10mm screws and mount to printer frame using M3-0.5x20mm screw and M3-0.5 nut

5. Solder extension wire to fan if using stock PSU. If using extra PSU wire need not be extended.





6. Wire the optional extra power supply. This is to be used if you do not want to draw power from the main PSU. The mount is designed for a 1 amp model which should also be able to run some lights or other accessories if you choose to do so without drawing power away from the main PSU. While some users upgrade their main PSU, with an enclosure for your Anet A8 by Imagin3d, you can run your printer at recommended temperatures for PLA, ABS, and PETG with the stock 20 amp power supply.