

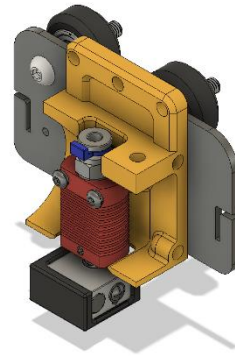
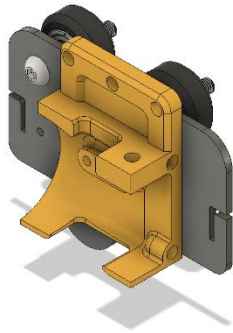
Tiki3 (version 3.2)

Mount and fan duct system for Creality Ender 3/3pro/3V2 and
Ender 5/5plus using Mk8 hotend

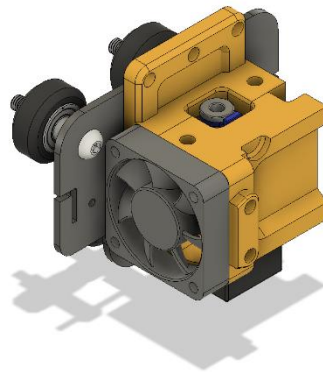
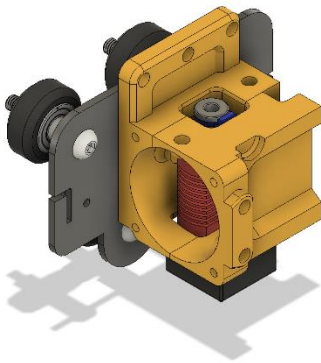
Note: This installation manual is still a work in progress.

- Layer height: 0.2mm
This mount is design with a layer height of 0.2mm taken into consideration. Hence printing in 0.16mm or 0.12mm may not be as accurate.
- Filament: PLA+, PETG, ABS, Nylon, etc
I have tested prints in PETG, CF PETG and PLA+. While printing in normal PLA will also work, the body may warp if hotend temperature is above 230°C.
- Silicon sock must be used for this mount to work, else the fan duct will cause a thermal runaway.
- Support are needed for "3_2 Body_base.stl" and "3_2 Body_top.stl". If you are using Cura, support angle can be set to 60 degrees to prevent unnecessary support at the top.

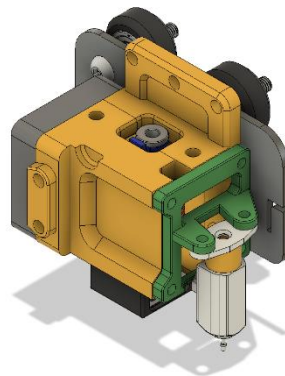
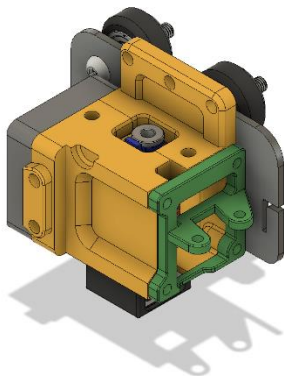
Installing “3_2 Body_base” and hotend.



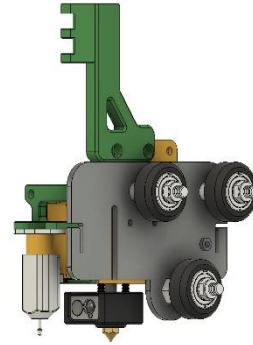
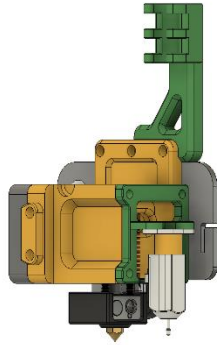
Installing “3_2 Body_top” with 4010 fan



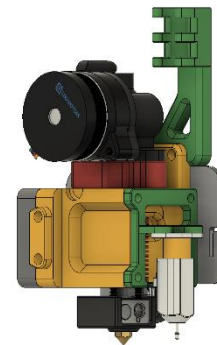
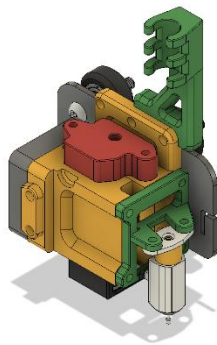
Install “3_2 BLT Bracket” and BL Touch



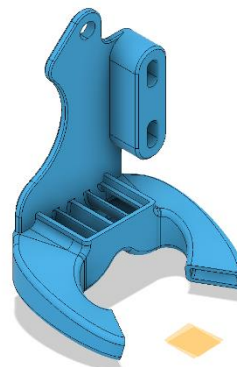
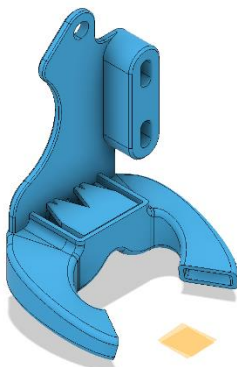
Install "3_2 Cable relief"



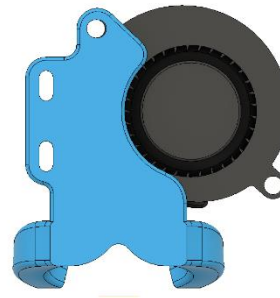
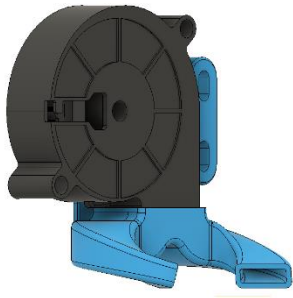
Install "Orbiter bracket" + Orbiter and ptfe tube



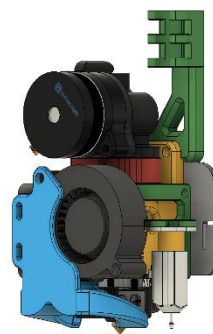
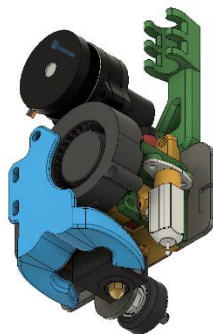
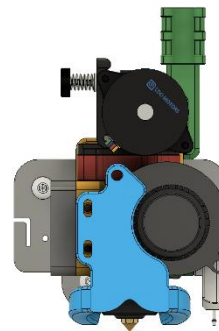
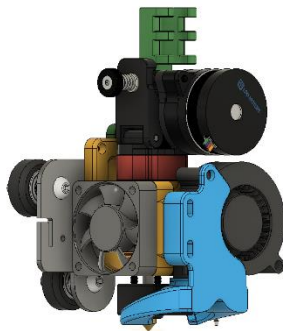
Removing bridging support on "3_2 Fan_duct"



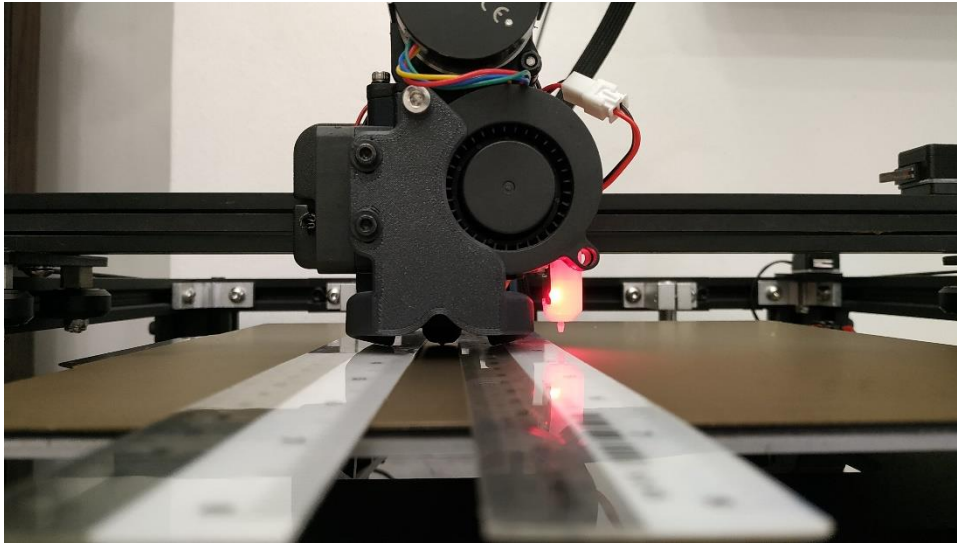
Install 5015 fan onto “3_2 Fan_duct”



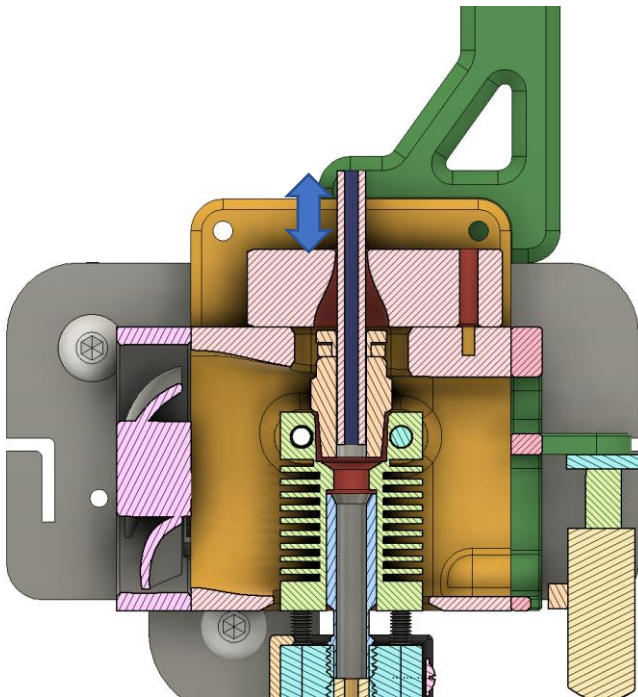
Install “3_2 Fan_duct” on “3_2 Base_top”



Using 2 plastic rulers to align the fan duct to the bed with an offset of 1mm



Length of ptfe tube is about 11mm above the Orbiter bracket.





Probe XY Offset Values: X=35.5 Y=-5