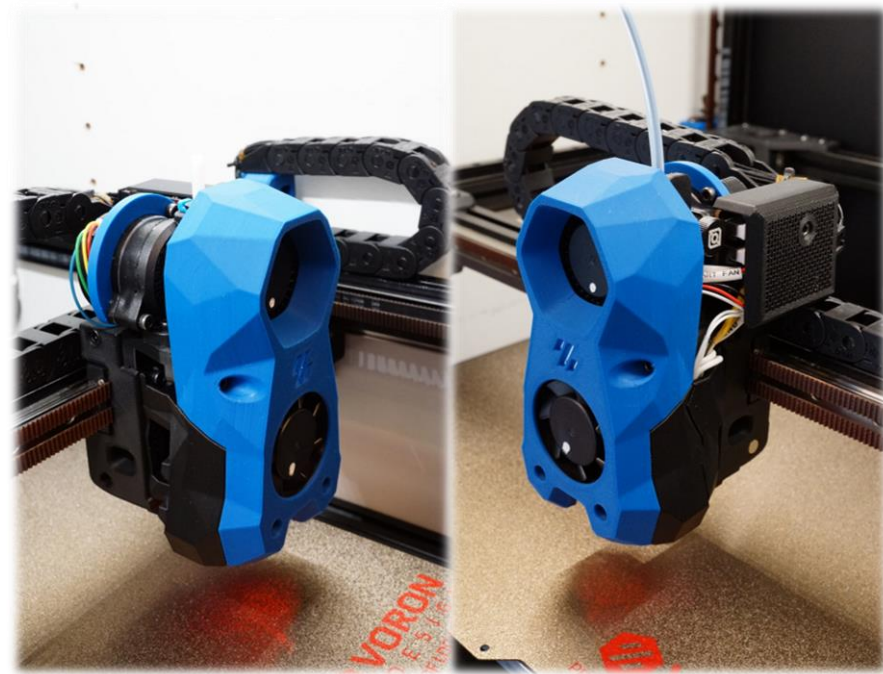


# Lightweight Orbiter 2 mount for Stealthburner with AB toolhead PCB

- Fits CW1 and CW2 X carriages
- For LDO and HARTK Afterburner Toolhead PCBs
- All screws mentioned are SHCS
- There is a tight fit between Orbiter thumbscrew and Stealthburner main body. Feel free to either replace thumbscrew with SHCS or to use modified Stealthburner
- Created by Alexander Viner  
big thanks to Robert Lorincz and VORON team!

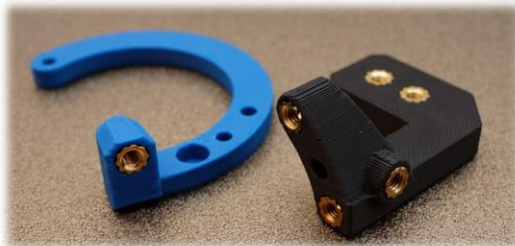
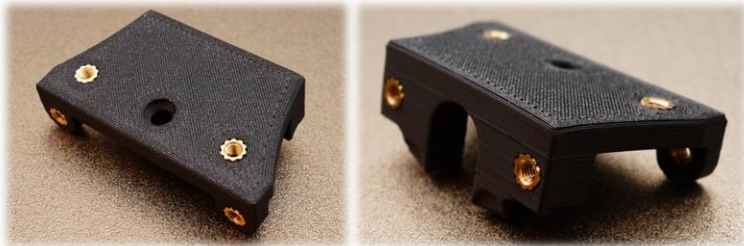


1 Print the parts according to VORON part printing guidelines.

2 Install M3x5x4 thread inserts.

orbiter2\_mount\_cw2: 4x

orbiter2\_mount\_cw1: 6x

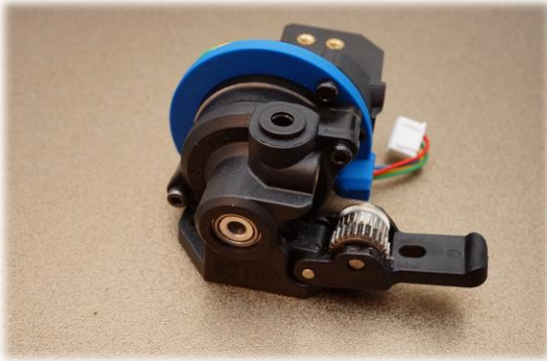


[a]\_36sth20\_motor\_bracket\_1: 1x  
36sth20\_motor\_bracket\_2: 5x

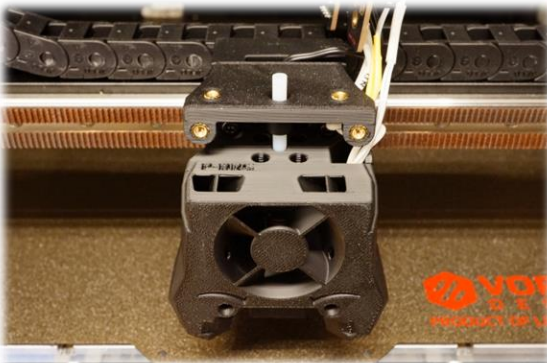
3 Use two M3x8 screws to install both motor brackets.



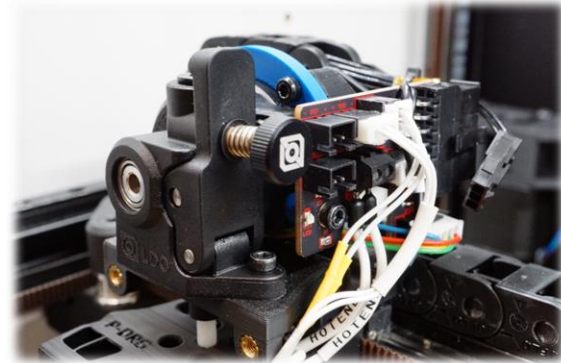
- 4 Remove thumbscrew and both Orbiter mounting screws. Use two M3x16 screws to mount motor brackets to the Orbiter. Reinstall thumbscrew.



- 5 Use same hardware to mount orbiter2\_mount to the X carriage as CW1 (M3x20) or CW2 (M3x8) . Dragon hotend: PTFE tube is 41 mm long. Install tool cartridge as usual.



- 6 Use two M3x8 screws to mount the extruder assembly to the carriage. Use one M3x8 screw to mount the toolhead PCB to [a]\_36sth20\_motor\_bracket\_1 (lower left). Check and adjust the ziptie of the wire harness.



- 7 Install stealthburner as usual. Use M3x20 screw to mount toolhead\_pcb\_cover.

