



+6 mm offset BLTouch mount for 40mm fan

 **Hunter Adams**

[VIEW IN BROWSER](#)

updated 12. 4. 2022 | published 30. 3. 2022

Summary

A remix of <https://www.thingiverse.com/thing:4617163> that I used for my 40mm noctua fans for my Ender3v2. I used the...

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [fan](#) [honeycomb](#) [remix](#) [bltouch](#) [offset](#) [fangrill](#)
[6mm](#)

A remix of <https://www.thingiverse.com/thing:4617163> that I used for my 40mm noctua fans for my Ender3v2. I used the .step file provided in that thing page to move the height of the BLtouch mount +6mm in the z direction for my setup, so far has been working well off of a few days of printing.

Used this BLtouch height calibration cube <https://www.thingiverse.com/thing:3562060> to verify height between nozzle and BLtouch shown in the 3rd jpeg.

This was the BLtouch I used https://www.amazon.com/dp/B07FR2LLZP?psc=1&ref=ppx_yo2_dt_b_product_details and I used M3 screws to mount everything https://www.amazon.com/dp/B0812TYT5L?psc=1&ref=ppx_yo2_dt_b_product_details

Also used this setup to part-cooling/ heatbreak-cooling mount for the fans <https://www.thingiverse.com/thing:4969159> and this added bit on the x-axis to stop the mount from colliding with the x-axis stepper motor <https://www.thingiverse.com/thing:5154640>

Pls message me if you have any questions on my setup since I know that figuring all of this BLtouch/ noctua fan stuff can be a real pain sometimes LOL

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

No

Resolution:

.2

Infill:

10%

Filament: Overture PLA White

Category: 3D Printer Parts

Model files



6mm_fan_mounted_bltouch_honeycombcover.stl

[Find source .stl files on Thingiverse.com](#)

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition