



Ender 3 V2 BLTouch Mount with Embedded Threads



ReSummit

[VIEW IN BROWSER](#)

updated 12. 4. 2022 | published 26. 2. 2022

Summary

I saw on my Ender 3 V2 that I had screw holes that was intended for Creality's new BLTouch kit. I really like the...

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

Tags: [bltouch](#) [bltouchmount](#) [ender3v2](#)

Note: This was remixed from a model on Thingiverse and is now imported here.

I saw on my Ender 3 V2 that I had screw holes that was intended for Creality's new BLTouch kit. I really like the mounts from prydonian and puturai, but both versions of the mount require the use of nuts to hold the BLTouch in place. Thus, I used FreeCAD and Onshape to add screw threads to prydonian's model.

I used Parametric Parts' thread creator to make the screw threads in the model (just to make it easy to add the threads): [http://store.parametricparts.com/store/p3/Thread_Creator_for_Onshape_\(BETA\).html](http://store.parametricparts.com/store/p3/Thread_Creator_for_Onshape_(BETA).html)

Do note that you need the mounting holes for BLTouch in the Ender 3 V2, BLTouch, 2 M3* 6 screws, and 2 M3* 8 screws. The Creality BLTouch kit for V1 has everything here, but try to look for the cheapest and most reliable

option, as at the time of this writing the V2 Creality BLTouch kit wasn't released yet.

I recommend to print this at a layer height < 0.2 mm, as it is easier to screw in the M3 screws in the threads. Also, you should orient the part where the BLTouch attachment side is either facing up or down, so you'll need to have done good prints beforehand for this part to work.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3 Pro

Rafts:

No

Supports:

Yes

Resolution:

0.12

Infill:

15%

Filament: Inland PLA

Clear Watermelon

Notes:

As stated in summary, I recommend to print this at a layer height < 0.2 mm, as it is easier to screw in the M3 screws in the threads. Also, you should orient the part where the side where the BLTouch is either facing up or down, so you'll need to have done good prints beforehand for this part to work.

Category: 3D Printer Parts

Model files



bltouch_ender_3_v2_mount_-_embedded_threads.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