

FT5 Z Stop FolgerTech Titan V6



Joe

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Summary

This is a modification from the original by Morskipas. I extended it to allow for the longer body of the E3D Titan V6...

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This is a modification from the original by Morskipas. I extended it to allow for the longer body of the E3D Titan V6 mounted on the 713Maker.com bracket.

I will be modifying this as needed.

Assembly is easy.

1. Print with orientation as shown in the image.
2. Disconnect from power
3. Remove Z stop from the thin supplied bracket
4. Install it on the newly printed bracket (there is space for back of board solder tails)
5. Install T nuts and hex bolts
6. Install on 20 20 rail
7. Get long bolt and a nut left over from the build (should have a few left over).

8. Get a small washer and a pen spring (rip apart an old pen, not your wife's favorite)
9. Get a square nut for the top.
10. Put it all together as shown in the photo.

That is it, just get it rough with an auto- home and then do fine adjustments by moving the screw up or down as needed

Print Settings

Printer:

FolgerTech FT5

Rafts:

Doesn't Matter

Supports:

No

Resolution:

0.200

Infill:

95%

Notes:

You will want high infill for this as it will be flexed quite often under use. Every z home command will bend it slightly. At 95% this is a very strong part and can be threaded if you need to.

Post-Printing =====

Assemble as shown here

Part 1. Part 2 will include this bracket (I am filming this right now)

How I Designed This =====

What I used?

I am brand new to 3D printing and modelling so I used Tinkercad. I imported the file from Thingiverse into Tinkercad. I then copied it with the tools and primitives in Tinkercad. Finally I threw on some text to brand it FT5.

Hope you enjoy it! Category: 3D Printer Parts

Model files

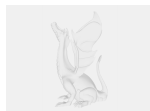


ft5_e3d_v6_titan_z_stop_01a.stl



z_axis_stop.stl

Other files



sources.txt

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

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