



BTT Filament Runout Sensor EVA Anti-Oscillation Clip



Sean

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Summary

Secures a BigTreeTech Filament Runout Sensor onto a RatRig EVA extruder.

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Is it a good idea to mount such a heavy filament sensor to the top of a direct drive extruder? Probably not, but I did it anyways! The very minor benefit here is that slightly less filament is left over when a roll is finished.

FWIW, I did do a [ringing tower test](#) and didn't noticed any ringing, even before running any compensation. Your mileage may vary, though.

The clip is held onto the extruder motor using a wire tie. A short M3 screw and square nut are used to compress the top of the clip onto the runout sensor. The clip gets a bit in the way of the runout sensor's plug, but the result is that the runout sensor sits slightly forward. I may update it in the future if it annoys me enough.

Model files



btt_fil_runout_clip.3mf

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