



Ender 3 S1 Gulf Coast Bed Cable Raise



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Summary

Helps to slightly elevate the wire sheath for an Ender 3 S1 with the bed upgrade from Gulf Coast Robotics

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This piece helps to slightly elevate the wire sheath for an Ender 3 S1 with the bed upgrade from Gulf Coast Robotics. I used M3 screws to tighten down & hold the piece in place. It's a friction fit, but if you're feeling adventurous like me, you could even drill and tap the holes into the aluminum for even more strength. It was pretty easy to do. Harbor freight has an inexpensive tap set you can use.

Optional zip tie holes are included at the upper end of the piece in case you want to zip tie the wiring where it bends upward. I didn't find this to be necessary but it is there if you need it. The underside of the zip tie may rub on your Y axis motor mount so watch for that.

Updates:

07/19/2023: Added two new variations that include a way to attach a cable chain from this model (as long as you print about 15 more links): <https://www.printables.com/model/417892-ender-3-s1-s1-pro-heating-bed-cable-chainholder/files> This guy was super helpful so be sure to post a make of

your chain and give him some praise! The version with the swivel probably works best as it allows some rotation and helps to prevent twisting of the links. But the non-swivel straight version is there if you prefer it.

Model files



Without Chain

2 files



bed-cable-riser-v3.step



bed-cable-riser-v3.stl



With Chain Links

3 files



bed-cable-riser-v4-with-straight-chain-attachment.stl



bed-cable-riser-with-chain-swivel.stl

☐ Helps prevent twisting of the links



bed-chain-swivel-clip.stl

☐ Helps prevent twisting of the links - use with the swivel riser

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