



Ender 3 Max Neo Bottom Cover Mod (for Sprite Extruder Pro ribbon cable)



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Summary

This was designed to add a side opening for the SEP ribbon cable.

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I didn't want to cut a hole in the metal plate that came with the printer. This was designed with holes that are not exactly circle. That way you have some play if you need, depending on how accurate your printer is.

I added 8mm screws in place of the 4 or 6 mm that it came with. (the print is 3mm thick)

Printing Setup

2 top and bottom layers

Triangle infill (Figured this would be the best to reduce flex and add strength.)

15% infill

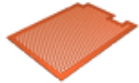
I printed at .44mm (with a .6 nozzle) but you can do it at .2 (it takes like 2 more hours to do that)

Printed in PLA

I used some glue stick to help it hold, but the corners still lifted. It fit well anyways. I would suggest printing it so that if it does lift that it pushes the “lifted” sections against the printer. Basically flipped from my picture of it on the bed.

Side note, Fusion 360 hates patterns. I crashed it a couple times adding that pattern. lol

Model files



ender3neomaxbottomcover-spriteextrudermod-v10.stl

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