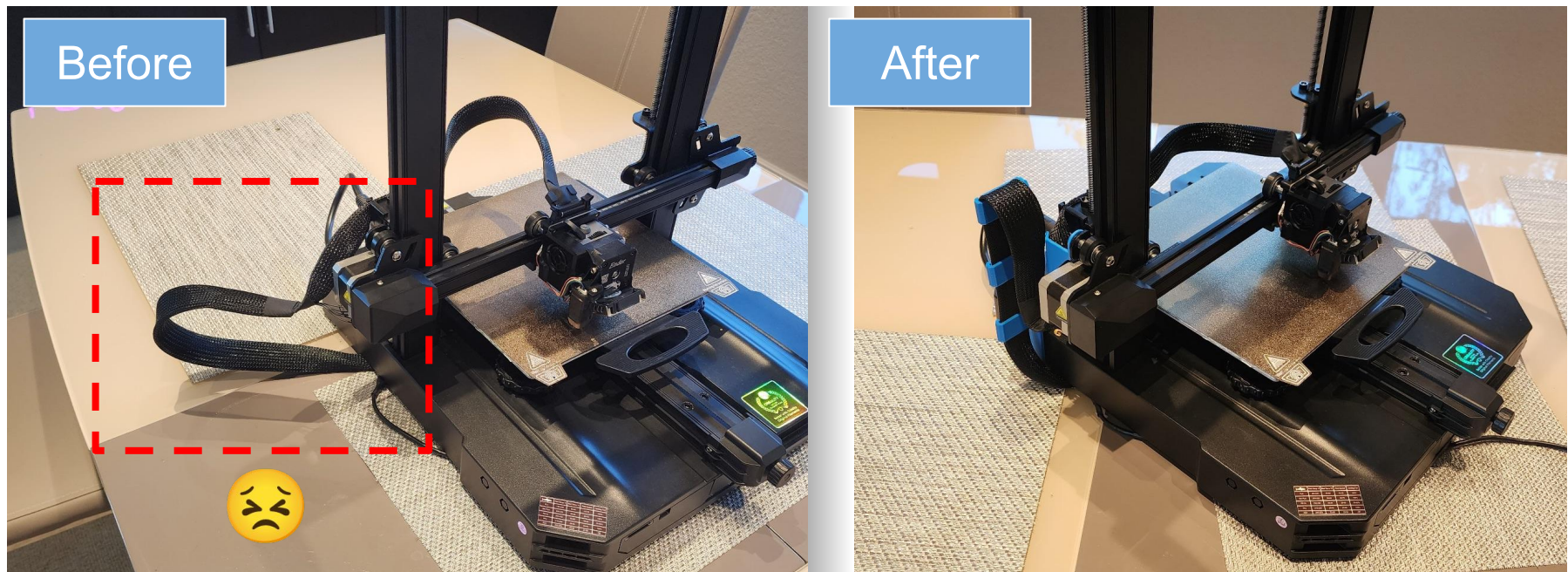


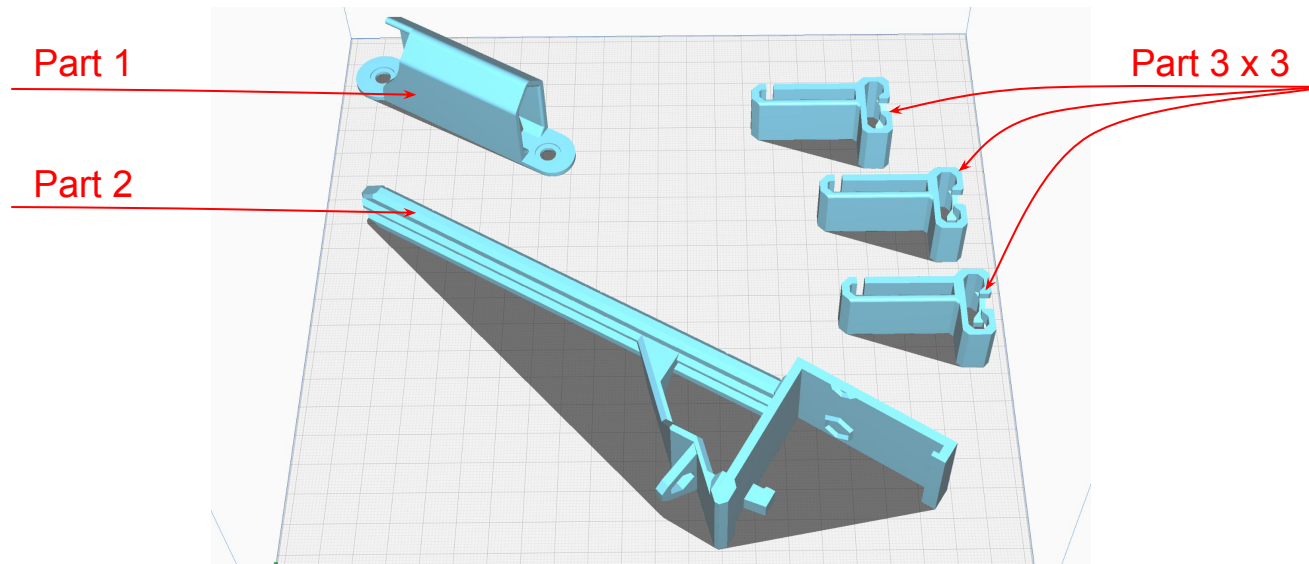
Creality Ender 3 S1 Pro Better Cable Management (Second Edition)

Thank you for your purchase!

Creality 3 S1 Pro has good cable management but it's still not ideal. The massive ribbon cable sticks out of the printer and makes clutter.

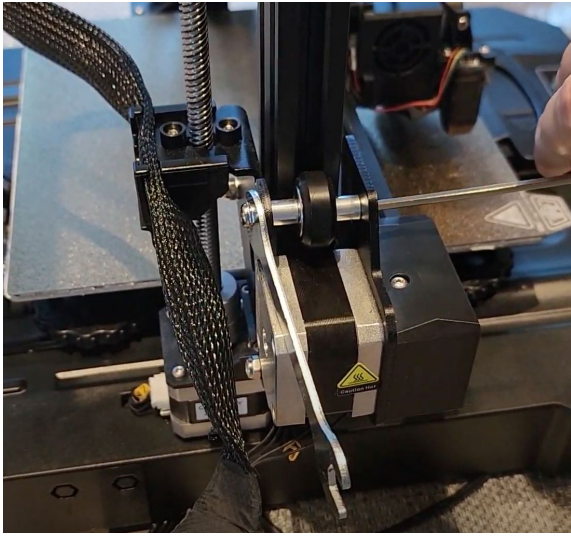


This lot contains three parts in three STL files with a better cable management system. You can print them yourself, ask a friend to print them or order printing online. All parts print without support if oriented as pictured. Installation takes 10-15 min. Material needed is around 77g with 75% infill.



Part 1. "X axis motor 90° bracket"

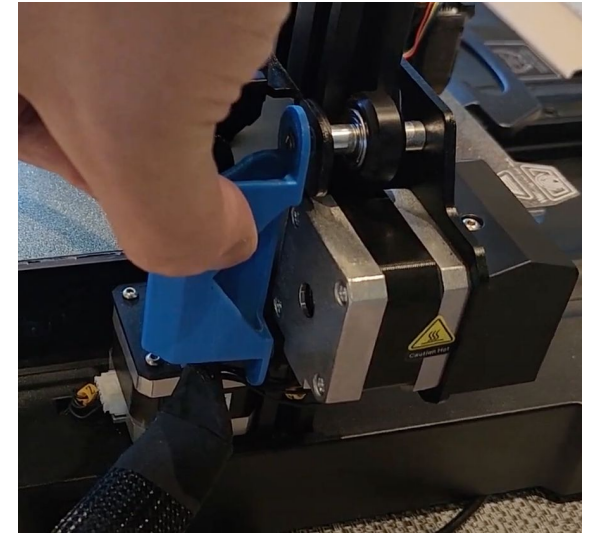
It is a movable part, installed on the X motor on the gantry. Installation procedure is simple:



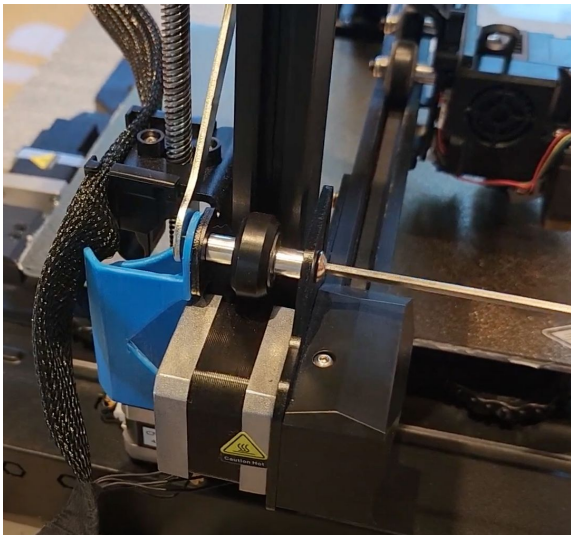
1. Remove two nuts using the Allen wrench and 7mm wrench that came with the printer



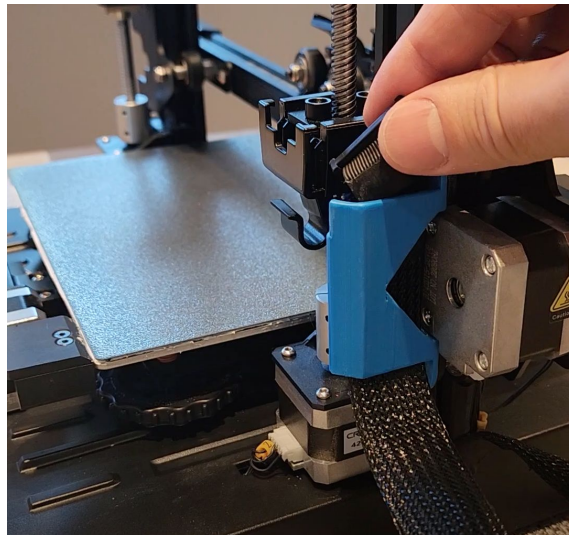
2. Disconnect the ribbon cable from the printing head



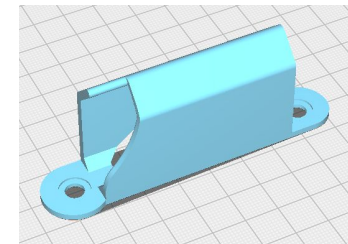
3. Attach the cable bracket



4. Reinstall the nuts and tighten them



5. Route the ribbon cable through the bracket and reconnect it to the printing head



The part can be printed in PLA, PETG or any similar material.

It prints with no supports if oriented as pictured.

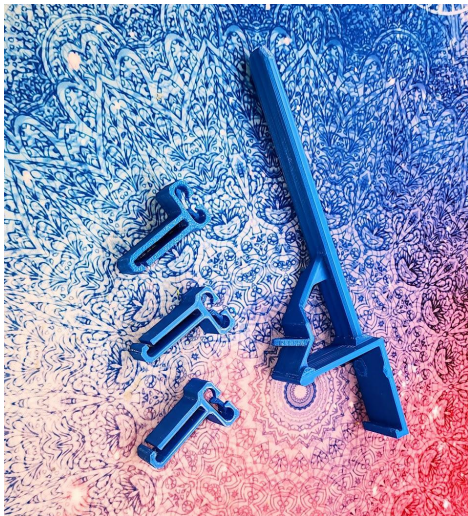
The filament weight needed is around 11 g.

Parts 2 and 3. "Vertical Cable Bracket"

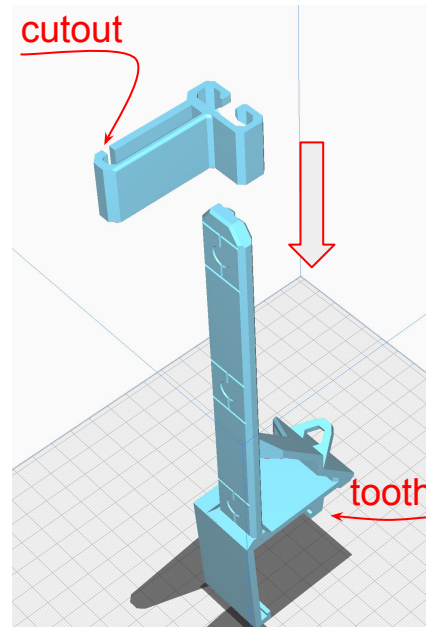
This part holds the cable in a vertical position.

In this Second Edition of the Better Cable Management system the Part 2 was redesigned. This version:

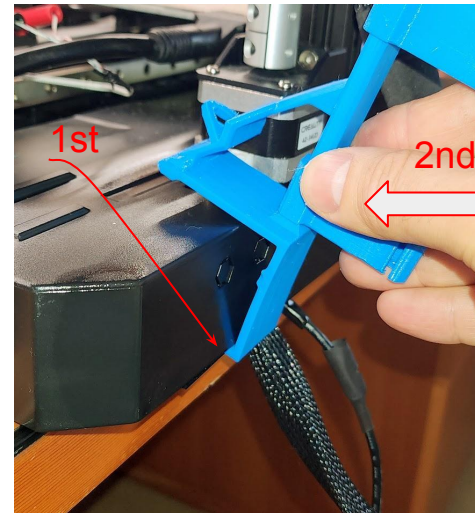
- Does not have print-in-place joints that can be challenging to print
- Does not require double sided tape, glue or screws
- Assembles by simple attaching spring loaded parts



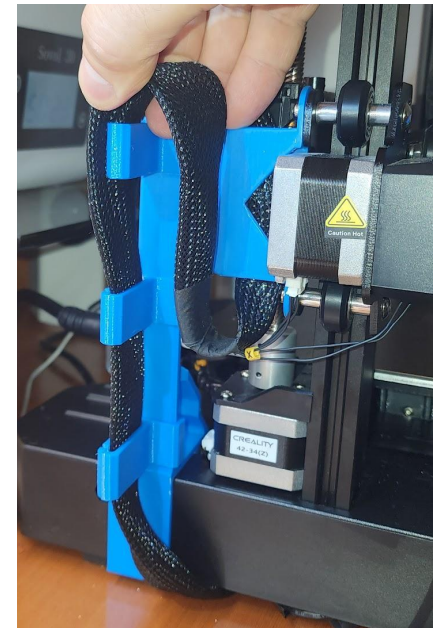
1. Once the Part 2 and three Parts 3 are printed, carefully remove the brim, all stringing and other imperfections. This is crucial for sliding surfaces



2. Install all three Part 3's onto the rail of the Part 2 by carefully sliding on. The cutout should be facing the rear of the printer. The tooth is facing the front of the printer. There are three marked spots for Part 3 on the vertical rail.



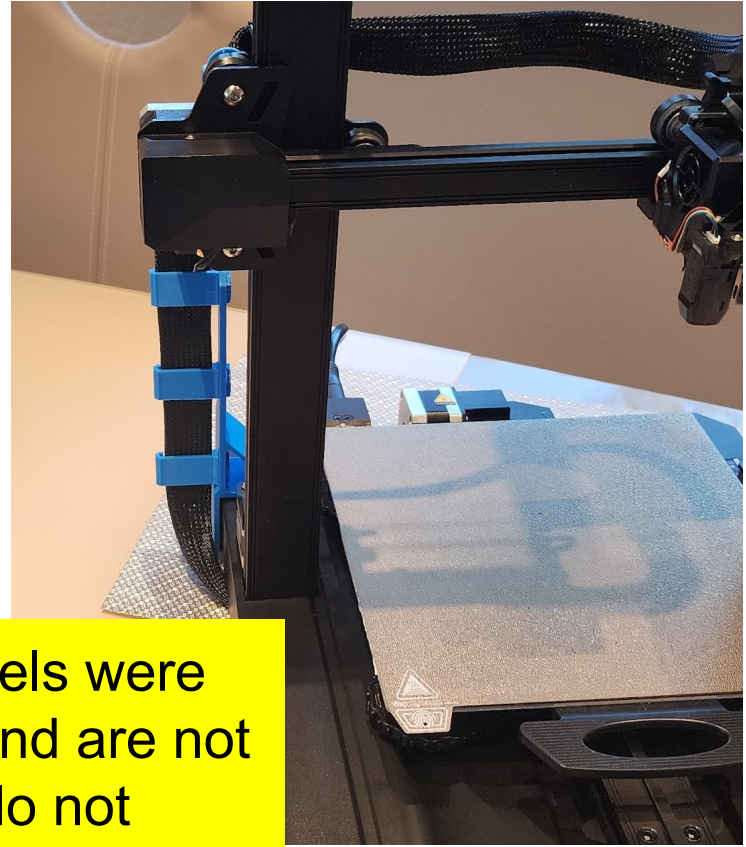
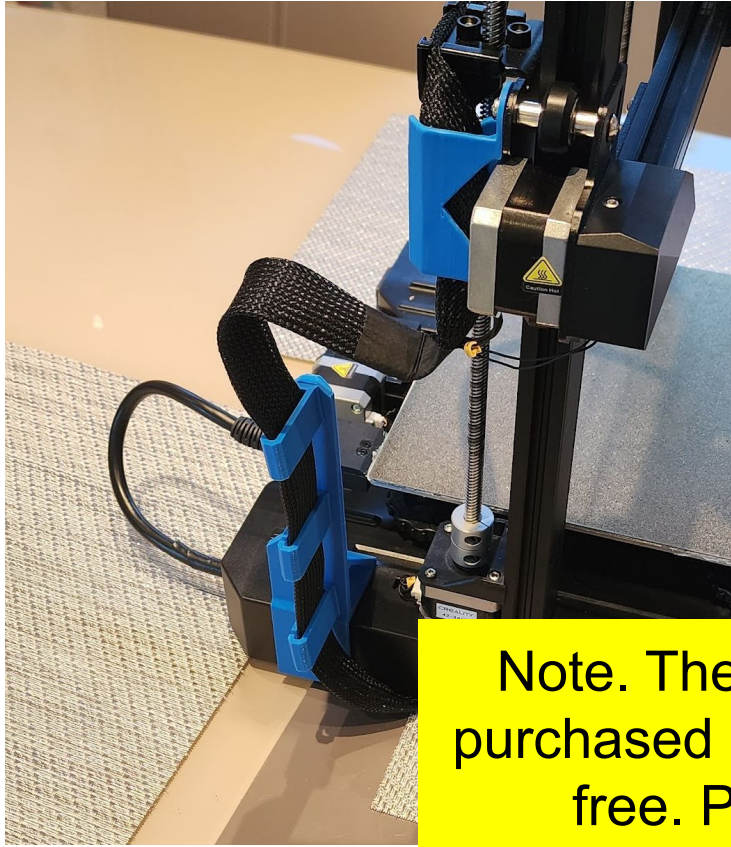
3. Put the bottom edge of Part 2 under the printer base. Orient it the way that the hexagons match the holes in the printer base and the tooth gets into the hole with Z motor wires. The part should click and fit in nicely. To remove the part, pull the handle with hexagon hole and the top of the part up and away from the printer.



4. Route the cable through the cutouts as pictured

Congratulations!

The cables don't stick out any more and the printer has a cleaner look.



Note. These models were purchased online and are not free. Please, do not redistribute.

Iterations during development process:

