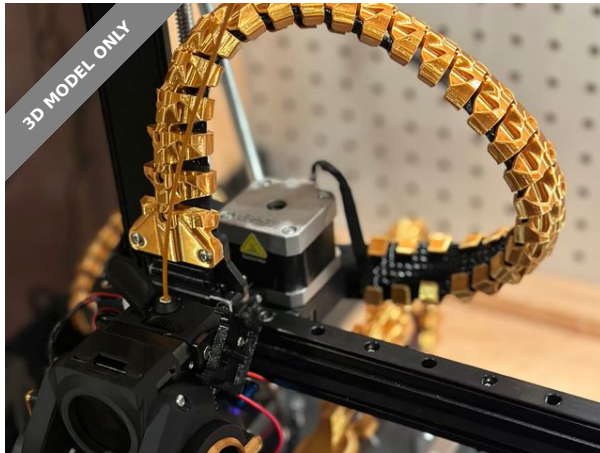




Spine Cable Chain - Ender 3 V3 KE/SE



Lite

[VIEW IN BROWSER](#)

updated 21. 5. 2024 | published 21. 5. 2024

Summary

A full-featured solution for managing the cables on your Ender 3 V3 KE or SE.

[3D Printers](#) > [Creality Parts & Upgrades](#)

Tags: [cable](#) [chain](#) [ender](#) [wire](#) [bones](#) [bone](#) [cablechain](#)
[ender3upgrade](#) [cablechainmount](#) [ender3v3se](#) [ender3v3](#)
[ender3v3ke](#) [spinechain](#)

This is my take on a spine style cable chain for the Ender 3 V3 KE/SE. I was going for a very specific "look," and I think I've achieved it.

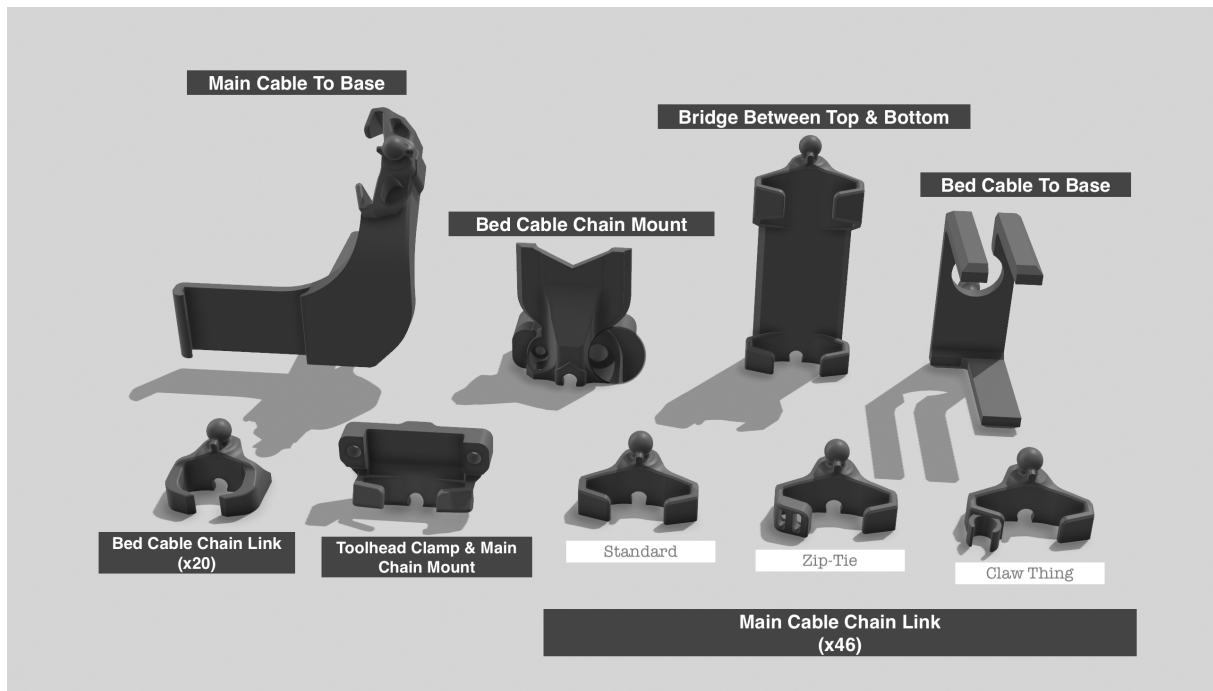
I've designed components for all the various mounting points.

There are three mounts for the main cable coming out of the tool head: one for the tool head, one for the base, and a bridge for the X-axis gap.

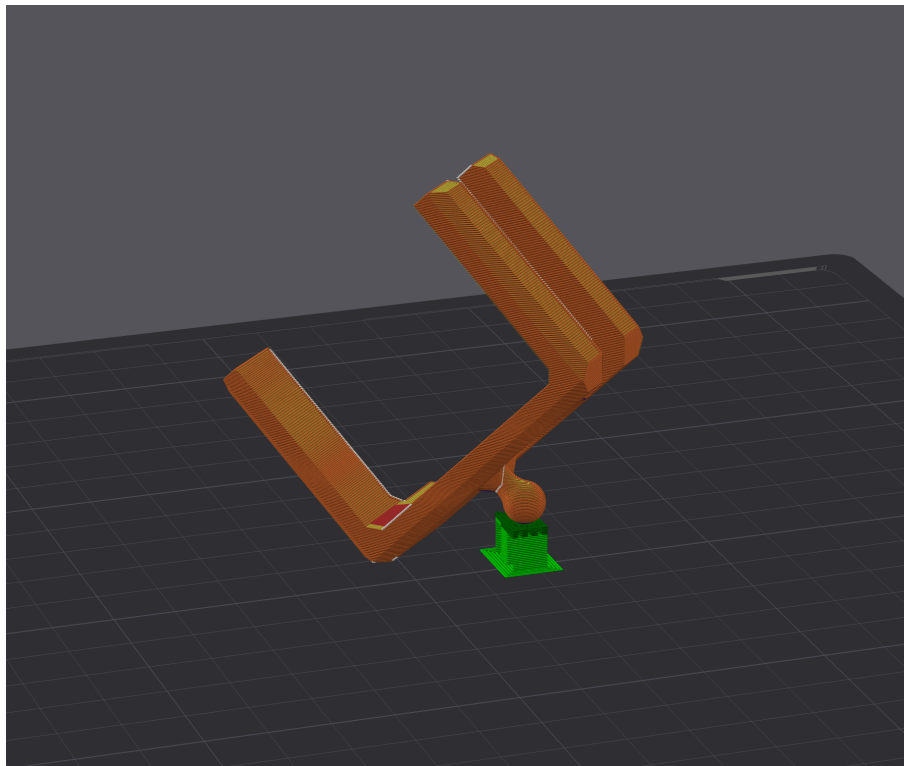
For the bed cable, there are 2 mounts: The clamp for the bed and a mount for the backside base of the printer.

You'll need 2 M3 screws and nuts to secure it. I originally had clips designed but prefer it clamped down hard - so I opted for these. Length doesn't really matter. It won't touch anything.

Join my discord! <https://discord.gg/uYBuFXUmCj>



Everything in this project can be printed without supports except the bed cable base mount. This should be printed, as shown in the picture below, with a small support painted on for the ball joint.



You will need to print:

- **46 Main Links** - This can be any combination of the “Standard” Mount + The zip tie or claw variants. Those are optional but handy if you have some extra wiring to hide.

- **20 Bed Chain Links**
- **1 of each of the various mount**

I recommend printing everything with variable layer height. It really helps with the overhangs.

Print Settings:

- Lots of walls

Thats it! Please enjoy!

Model files



spine-cable-chain.3mf

☐ Main Chain Link - PRINT 46 OF THESE



spine-cable-chain_bed-cable.3mf

☐ Bed Chain Link - PRINT 20 OF THESE



spine-cable-chain_zip-tie.3mf

☐ OPTIONAL - Replace some of your 46 main links with these



spine-cable-chain_wire-clip.3mf

☐ OPTIONAL - Replace some of your 46 main links with these



spine-cable-chain_bed-clamp.3mf

☐ Print 1x



spine-cable-chain_toolhead-mount.3mf

☐ Print 1x



spine-cable-chain_bridge.3mf

☐ Print 1x



spine-cable-chain_bedcablebasemount.3mf

☐ Print 1x - Use double sided tape on the bottom of this to keep it in place



spine-cable-chain_side-mount.3mf

☐ Print 1x

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc/4.0/)



Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition