



Zip Toggle (V2)



ByteSlinger

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Summary

A replacement zip toggle for zips on jackets, bags, etc where the toggle or band has broken off.



0.94 hrs



2 pcs



0.10 mm



0.40 mm



PLA



2 g



Prusa
MK3/S/S+

[Household](#) > [Other House Equipment](#)

Tags: [replacement](#) [zip](#) [toggle](#)

I've now covered this in a video showing how it works, comparing it to my original design, and how to clip it together.

[View it on my channel 3DRevolution here.](#)

This is a my new updated design for my very popular replacement zip toggle designed to easily connect to any medium to large zip loops where the metal/plastic toggle has broken off.

Often when this happens, the gap to slot something into the hole is tiny or non-existent so this design allows you to connect a toggle to a completely enclosed loop using a simple locking mechanism.

Update [22.04.18]: As this is a more compact zip, many people printing it were wanting to use it with much smaller hooks on their zips. So I've designed and uploaded an alternative clip with a thinner loop in it to allow for use with smaller clips. This may slightly affect strength but should only be a marginal difference and make it far easier to use with smaller zips.

[This is a new version of my design I uploaded to Thingiverse 6 years ago which has subsequently been downloaded over 45,000 times. It's been made more compact, more comfortable to use with an ergonomic design and finger grip, and has been designed with an extra piece which prevents the clip from ever coming out accidentally]

I hope you enjoy printing and using my design. To help me keep designing and uploading more things, you can tip me via 'Buy Me a Coffee' here:

<https://www.buymeacoffee.com/JoshForwood>

Print Settings

- **Layer height/Resolution:** 0.1mm
- **Infill:** 20% Gyroid
- **Material:** PLA
- **Supports/Skirt:** None

Post-Printing

Position the clip

Place the clip on the hook of your target zip as shown here in the picture



Prepare the grip

Get ready to slot the clip inside the grip as shown here.

Glance inside your grip and make sure if you've got a lot of stringing inside that you use the end of tweezers or similar to just break the stringing making sure it won't provide any resistance.



Insert clip

Insert the clip inside the grip ensuring it's locked itself in there (once you've inserted as far as it can go, give a gentle tug to make sure it

doesn't come straight out)



Position Blocker

Position the small blocker as pictured in the gap inside the clip, so the two clip ends of the blocker are facing a ribbed side of the grip each. You may find using tweezers or similar useful for making this a bit easier as it's

quite small.



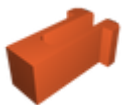
Insert blocker

Push the blocker down (tweezers or similar will make this far easier). You may find it goes half way in then provides a bit more resistance but eventually it should go all the way in like this. The blocker prevents the arms of the clip from being able to squeeze together and therefore

prevents the toggle from coming apart



Model files



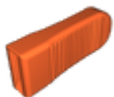
togglev3_pt3blocker.stl

☐ Print Pt2 and Pt3 as in the photo at the top, so both look a bit like a "C" from the top



togglev3_pt2clip.stl

☐ Print Pt2 and Pt3 as in the photo at the top, so both look a bit like a "C" from the top



togglev3_pt1grip.stl

☐ Print Pt1 on it's side (so with one of the thin long sides on the print bed)



thinclip.stl

☐ Alternative to "ToggleV3_Pt2Clip", designed for smaller zip loops

Print files

ziptoggle-withthinclip_pla_mk3s_28m.gcode



PLA 0.40 mm 0.10 mm 0.47 hrs 1 g Prusa MK3/S/S+

ziptoggle-withthickclip_pla_mk3s_28m.gcode



PLA 0.40 mm 0.10 mm 0.47 hrs 1 g Prusa MK3/S/S+

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