



Good Fast Cheap Fidget Toy: Pick Two (All positions)



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Summary

A mechanism for K2 Tech Designs' slider that lets you toggle any two switches, but not all three.

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Tags: [sign](#) [switch](#) [fidgettoy](#) [mechanicaltoy](#) [mechanism](#)

A physical version of the “good fast cheap” Venn diagram

This is a redesigned mechanism for K2 Tech Designs' Good Fast Cheap slider. This addition uses a whippetree/rocker bogie mechanism to let you toggle any two switches, but not all three. Make sure to use the support painting fill tool on the circular underside of the large pivot.

All of the files here are original, and are simply compatible with K2 Tech Designs' model, so you will need to [download their model](#) along with my files (print an extra one of the slider2.STEP files). I did this because I noticed that they do not allow remixes...

This ended up being quite the design challenge. I expected the whippetree to work with just a linear slot, but it turned out that I needed to figure out each of the positions of the large pivot, where a pin can be placed to get the biggest difference in positions, and what shape will only interfere with the pivot in the Fast, Good and Cheap position.

This remix is based on

None

None

Model files



largepivot-nkosi-smith.stl



smallpivot-nkosi-smith.stl



base-redesign-by-nkosi-smith.stl

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