



OpenBuild limit switch (end stop) mount for Sphinx Z-axis



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Summary

I created this limit switch (end stop) mount for the Sphinx Z-axis to move the switch from the front to the side of...

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I created this limit switch (end stop) mount for the Sphinx Z-axis to move the switch from the front to the side of the axis.

I only have one router and need to unmount it every now and then. The default L-bracket, mounted on the front of the Z-axis) makes it more tricky to remove the router and left a few deep scratches. By moving it to the side there's much more wiggle room when (un)mounting the Router

Print instructions

The 3 components are modelled so that no supports are needed and with optimal layer direction if you place them in the correct orientation on the print bed.

I printed this in PLA at 0.2mm layer height without supports. Rotation might be needed if you use the individual .stl files.

If you bought an OpenBuilds kit, you should already have all needed mounting hardware. Otherwise, you'll need:

1x Tee nut M5 (536-Pack / 819368021646)

2x Low profile (8mm) M5 screw (110-pack / 819368021820)

1x Xtension Limit Switch Kit (obviously) (2805-Kit / 819368027747)

Model files



z-stop-top.stl



z-stop-spacer.stl



z-stop.amf



z-stop-bottom.stl



z-stop.3mf

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