



## Ender 3 / Ender 3 Pro X-Axis Cover With Adjustable Endstop Position



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### Summary

Allows adjustment of Ender 3 / Ender 3 Pro X-axis endstop switch offset while using original cover screws & endstop.

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[spriteextruder](#) [spriteextruderpro](#)

Allows adjustment of X-axis endstop switch offset. I needed something like this since the stock bracket for the Sprite Extruder kit has a protrusion that creates an ~5mm offset/print area loss from stock. I didn't care to modify that metal bracket unnecessarily.

When assembled with the parts list below the endstop board clears the older-style X stepper assembly my circa 2019 Ender 3 Pro has with a set-screw pulley & longer shaft with room to spare, should also clear the newer style press-fit assembly.

Non-printed materials used:

- 4x OEM X cover M3x40 screws
- OEM Endstop switch from original cover
- 2x M3x12 screws (endstop mounting)

- 2x M3 bolts ~2.5mm thickness (endstop mounting)

Printable materials used:

- 2x Ender\_3\_X\_Axis\_Motor\_Cover\_with\_Adjustable\_Endstop\_SPACER

There is some allowance for tolerance in the screw holes and sizing, however this is best printed on a well-adjusted, accurate device.

Print oriented face-down with supports under the X endstop adjustment channels. I used PETG with 50% cubic infill and 0.16mm layer height for strength.

Print Settings

**Printer Brand:**

Creality

**Printer:**

Ender 3 Pro

**Rafts:**

No

**Supports:**

Yes

**Resolution:**

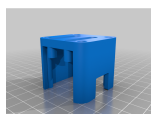
0.16

**Infill:**

50% Cubic

**Filament:** Overture PETG Black

## This remix is based on



**Ender 3 X-Axis Adjustable Endstop**

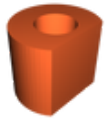
by no1jester

## Model files



ender\_3\_x\_axis\_motor\_cover\_with\_adjustable\_endstop.stl

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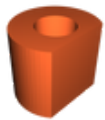
ender\_3\_x\_axis\_motor\_cover\_with\_adjustable\_endstop... .stl

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ender\_3\_x\_axis\_motor\_cover\_with\_adjustable\_endstop.obj

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ender\_3\_x\_axis\_motor\_cover\_with\_adjustable\_endstop... .obj

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