



ADXL345 Mount for the Sovol SV06/ Plus



bassamanator

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updated 11. 1. 2024 | published 11. 1. 2024

Summary

ADXL345 (standard and BTT) mount for the printhead and the bed.

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Tags: [sovol](#) [adxl345](#) [adxl345mount](#) [adxl](#) [adxlmount](#)
[sv06](#) [sovolsv06](#) [bttadxl345](#)

UPDATE Added v2 (RECOMMENDED)

Changelog

- Easier to tighten.
- Accommodates:
 - Standard ADXL345.
 - **BTT ADXL345/S2DW** (see [this make](#)).
- 3 versions of the mount (see filenames for explanations).
- The bed spacer now plugs into the mount.

BOM

- 4 x M3 x D4.6mm x L5.0mm heat set inserts. Anything \leq L5.0mm will be fine, however.

- 2 x M3 x L6.0mm bolt.
- 2 x M3 x L16.0mm bolt.

Print Settings

- Print without supports.
- 40%
- 4 walls
- 5 bottom and top layers

Notes

- The **bed_spacer** is only needed when attaching the ADXL mount to the bed.
- I'm using the version that requires tapping of the holes.

Sources

All the parts are made from scratch, however, I was inspired by [this model](#).

My Sovol3d related repositories:

- [OSS Klipper Configuration](#)
- [Everything Sovol SV06](#)

Buy me a [Ko-fi](#) to support my work.

This remix is based on



ADXL Mount for SV06

by xanderphillips

Model files



v2-RECOMMENDED

5 files



mount-tap-required.3mf



mount-inserts-required.3mf



mount-self-tapping.3mf



bed-spacer-with-buttons.3mf



bed-spacer-no-buttons.3mf



v1

2 files



adxl_mount_clamp.3mf



bed_spacer.3mf

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