



Sovol SV05 PEI sheet guide for hot bed

 meltonpieman

[VIEW IN BROWSER](#)

updated 1. 8. 2023 | published 1. 8. 2023

Summary

A simple rear mounted guide to aid refitting any magnetic printing sheet (I use PEI on steel)

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [sovolsv05](#) [sv05](#)

It is always helpful to have a guide when replacing a PEI sheet onto the heated bed (especially if the bed is hot).

I have had this SV05 for a very short time but there seemed to be an easy fitting option - the bolts at the rear. I designed this with slots to allow adjustment. I also allowed space for my hotbed cable strain relief that is bolted to the bed. There are two slots to allow extra nuts and bolts at the edges (a little post processing might be necessary). I reused the existing M\$ bolts to fit the guide.

I printed in PETG because of the heated bed contact. I used 0.28 layer height and 15% infill. It fits the SV05 bed at 45 degrees and needs no supports - the only overhangs are at 45 degrees.

It has been in use for a while and I have had no problems with it.

Model files

pei-sheet-guide-v5.3mf



License

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition