Sovol SV06 Z wobble wings

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VIEW IN BROWSER

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Summary

This is a modification to the sovol SV06 to reduce Z-wobble using wobble wings
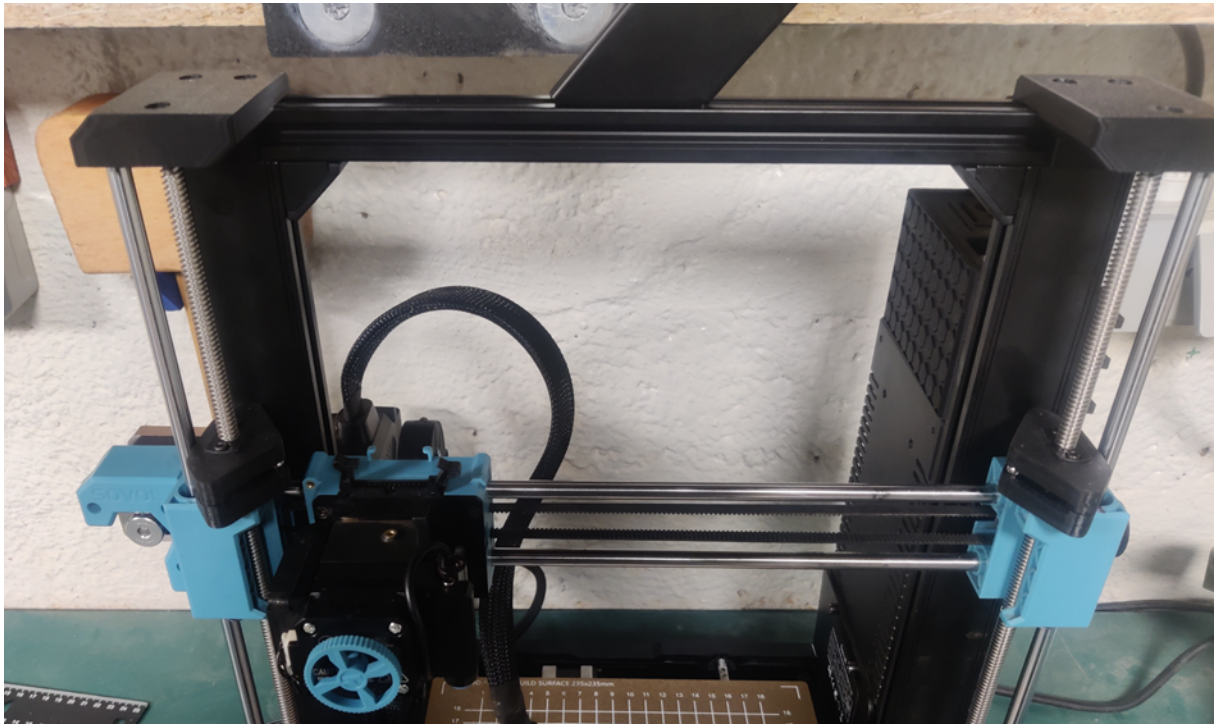
3D Printers   >   3D Printers - Upgrades

This is a modification that tries to reduce Z-wobble by installing wobble wings on the lead screws of the SV06.

Materials needed:

- Printed parts: 2x upper wing, 2x lower wing, 2x locking nut
- Heated insert 2x4*M3
- 2xM3*10mm screw
- 68xNeodymium magnet 6*2 mm (gridfinity size)
  - We are using a lot of magnets because they need to support the weight of the whole X-axis carriage
- 6x6.35mm ball bearings
- Thin CA glue

I printed this out of PETG, 30% infill.

I used supports on build plate on the top wing

The steps are explained in the pictures or you can look at the attached pdf.

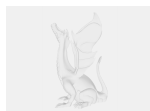## Model files

top-wing-v3.stl

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bottom-wing-v3.stl

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locking-nut-v3.stl

Other files

 wobble-wings-installation.pdf

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