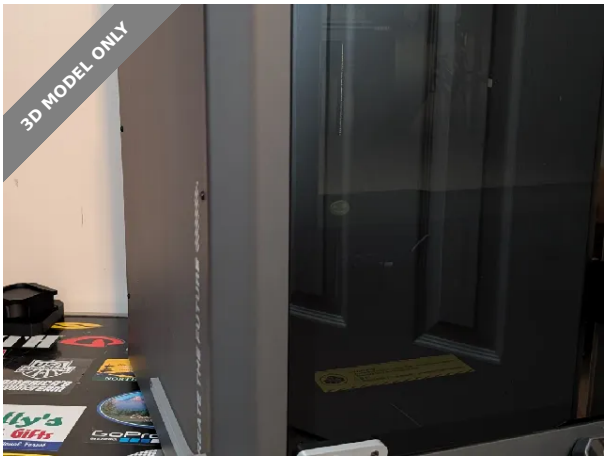

270 Degree Hinge for Elegoo Centauri Carbon

E MagicShrimp

VIEW IN BROWSER

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Summary

Replaces the stock hinges with hinges that allow the door to be opened completely.

3D Printers > Other Printer Parts & Upgrades

Tags: hinge carbon elegoo ecc centauri centauricarbon elegoocentauricarbon

Required Stls:

- 1x hinge_upper
- 1x hinge_lower
- 1x arm_upper
- 1x arm_lower
- 2x nut_block
- *4x plastic_spacer

*The plastic spacers go in the glass cutouts to align the panel and prevent the metal screw from touching the glass.

Required Hardware:

- 4x m3 8mm Socket Cap Screws (for side panel)
- 4x m3 12mm Socket Cap Screws (for glass panel)

- 2x m3 30mm Socket Cap Screws (for hinges)
- 6x m3 Nuts
- 4x m3 washers thickness between .5mm and .7mm (for arms)
- 4x washers from existing hinge

Installation instructions can be found in the files section if you need them. It seems newer batches of the CC have the hinges glued to the door. If yours are glued you will need to unscrew the original hinges before you can remove the door.

Notes: Print the plastic spacers with wall print order outer to inner, the rest can be printed inner to outer for better overhangs. .2 layer height

Some addons for the hinge can be found here: https://www.printables.com/model/1213120-extras-for-270-degree-hinge

Model files

Stl Files 6 files

hinge_upper.stl

hinge_lower.stl

arm_upper.stl

arm_lower.stl

nut_block.stl

plastic_spacer.stl

Step Files

6 files

hinge_upper.stp

hinge_lower.stp

arm_upper.stp

arm_lower.stp

nut_block.stp

plastic_spacer.stp

Alt Files

1 file

nut_block_slim.stl

Other files

270-hinge-instructions.pdf

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