



east3D gecko coreXY Z-wheel- carriage

 **Delukart**

[VIEW IN BROWSER](#)

updated 12. 4. 2022 | published 25. 3. 2022

Summary

I created these to fix an issue that i had due to poor handling by the courier . Parts Needed. 4x 3d printed z wheel...

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

Tags: east3dgecko

I created these to fix an issue that i had due to poor handling by the courier .

Parts Needed.

4x 3d printed z wheel carriage

4x <http://openbuildspartstore.com/delrin-mini-v-wheel-kit/>

8x <http://openbuildspartstore.com/mini-v-wheel-precision-shim/>

4x 6mm <http://openbuildspartstore.com/eccentric-spacer/>

12x <http://openbuildspartstore.com/nylon-insert-hex-locknut-m5/>

12x 30mm <http://openbuildspartstore.com/low-profile-screws-m5/>

8x (M5 washer works also) <http://openbuildspartstore.com/precision-shim-10x5x1mm/>

4x m6 washers like these. <https://www.amazon.com/Steel-Washer-Plated-Finish-Metric/dp/B009OK4VLQ>

assembly:

take off the wheels from the cart.

and remove it from the z stage.

insert one 6mm eccentric spacer into each carriage .

screw the new carriages to the carts with the m5x30mm screws. nice and tight.

(wheels are now held inplace with nuts.)

wheel instalment.

copper spacer first then wheel last precision shim. (or a m5 washer works)

last the nut and hold the bolt with the allen key so it does not want to loosen.

put the carriages back on the z stage.(do not tighten the bolts till the end)

now the mini wheels .

put the M6 washer on the m5x30mm bolt put it in thru the hole a step at a time now put a mini-v wheel precision shim then the wheel then another mini-v wheel precision shim then the nut. tighten up the eccentric spacers to hold the wheels enough . not to tight(you should be able to spin the wheels with slight resistance) finally tighten the carriages to the z stage.

(i do advise to releve and retighten the z belts at this time.)

Print Settings

Printer:

east3D gecko coreXY

Rafts:

No

Supports:

Yes

Resolution:

0.20

Infill:

100%

Notes:

support from build plate only.

How I Designed This ===== Category: 3D Printer Parts

Model files



z_wheel_cariage.stl

[Find source .stl files on Thingiverse.com](#)

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution—Noncommercial—Share Alike

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