



Forklift Kit Card with Pallet



CheezyLabs

[VIEW IN BROWSER](#)

updated 25. 8. 2024 | published 25. 8. 2024

Summary

With moveable forks and wheels!

[Toys & Games](#) > [Building Toys](#)

Tags: [multimaterial](#) [mmu](#) [card](#) [assembly](#) [multicolor](#)
[multicolour](#) [forklift](#) [kit](#) [nosupport](#) [nosupports](#) [gundam](#)
[kitcard](#) [bambu](#) [bambulab](#) [bambulabx1carbon](#)

Currently trying to grow my Youtube.
Subscribing would mean a lot!
<https://www.youtube.com/@cheezylabs>

Summary

I created this little kit card that assembles into a little forklift - complete with a mini palette!

The forks can slide up and down as well as tilt. Wheels should move freely.

Printing

I printed this on a Prusa mk3 with the Palette Pro 3.

No supports needed (they are built into the model)

Finished model is pretty small - about 50mm in height.

Keep in mind scaling will increase your tolerances as well, making it a looser fit.

For those of you without multi-extrusion printers, I included one file with all the parts (without the frame) so you would need to break them apart yourself for each color you want. However, the tires and rims must be combined as one since there is 0 tolerance between them.

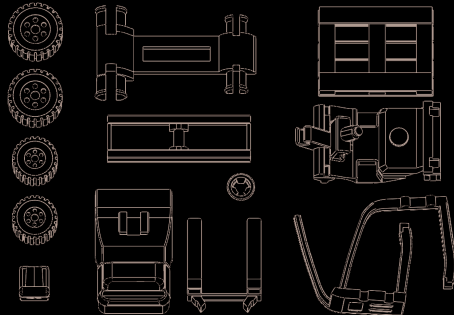
Please note fitment may be different for different printers. Everything should snap in place, aside from the cabin which may need to be glued since the pillars are thin.

Some tests show the steering wheel and seat may be loose depending on your first layer Z height because of elephants feet. Adjusting that may help with proper fitment.

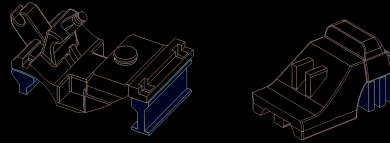
Assembling

These are the same instructions as the attached pdf, just less official.

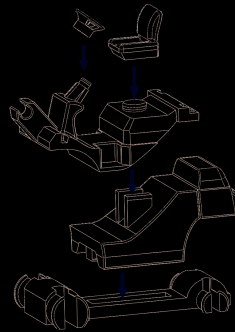
1. Snip or twist off components.



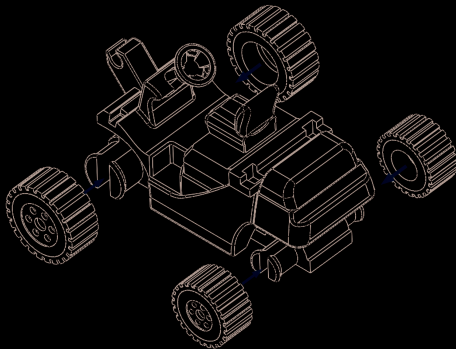
2. Remove built in supports.



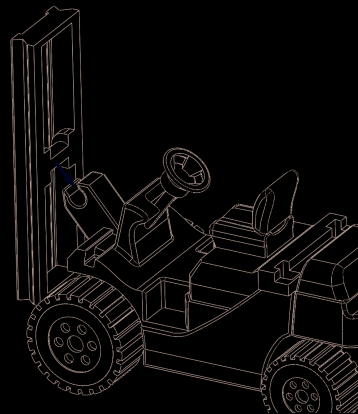
3. Snap in chassis, body, steering wheel, and seat.

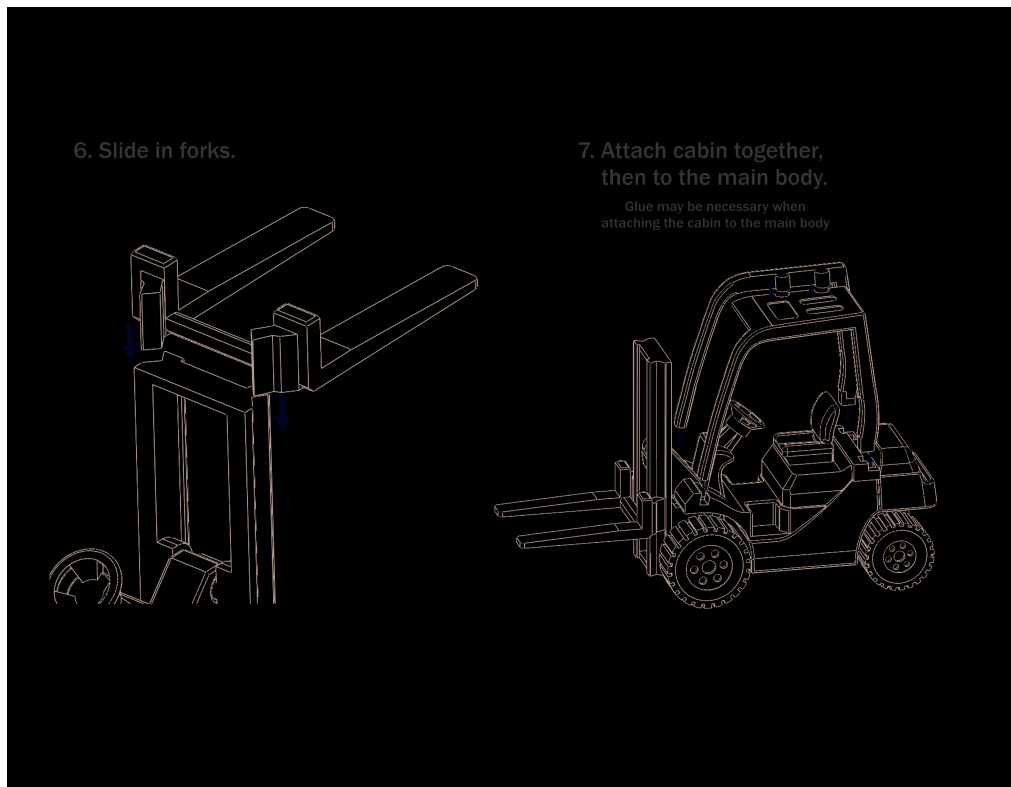


4. Insert wheels.



5. Snap in mast.





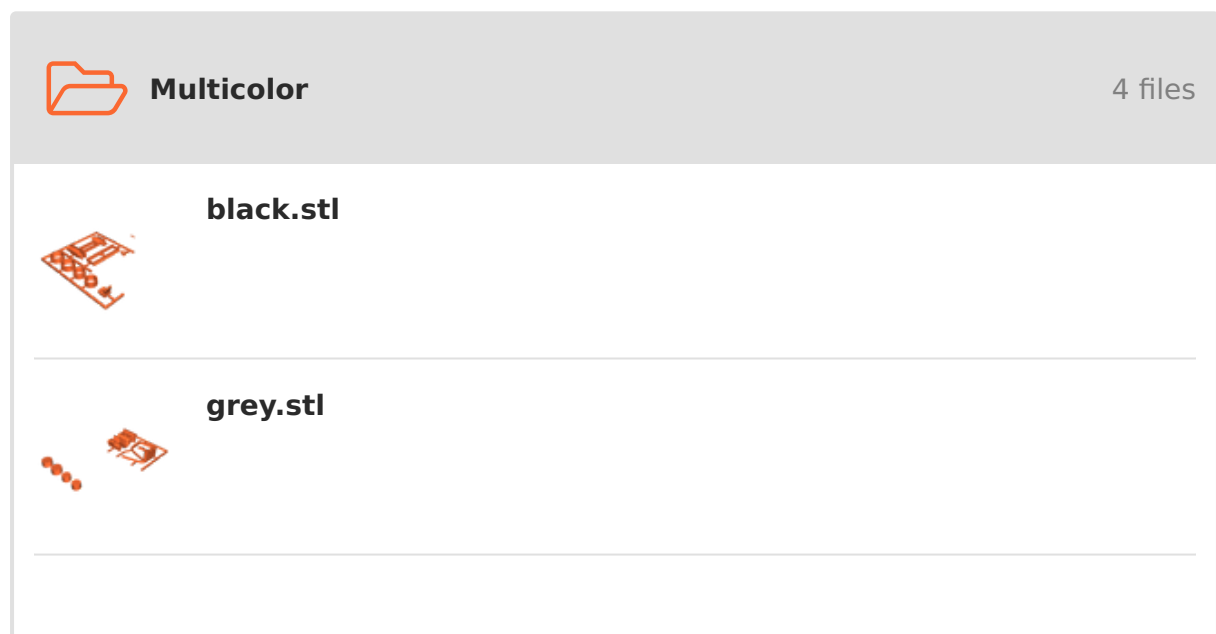
If you have questions/comments please be sure to let me know!

Check out my very own filament on [Amazon](#)

If you'd like to support me further check out my [Patreon](#)

Happy printing!

Model files



yellow.stl



tan.stl



forklift_kit_frame.stl



forklift_kit_frameless.stl



Other files

assembly-instructions.pdf

License

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



Attribution-NonCommercial

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

