



Lightning McQueen Kit Card (Disney Pixar Cars Movie)



The Kit Card Guy

[VIEW IN BROWSER](#)

updated 18. 8. 2025 | published 18. 8. 2025

Summary

KA-CHOW! No supports needed :)

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

Tags: [toy](#) [card](#) [flash](#) [springs](#) [disney](#) [children](#) [car](#)
[model](#) [stickers](#) [movie](#) [race](#) [kit](#) [piston](#) [lightning](#)
[sticker](#) [film](#) [racecar](#) [child](#) [cars](#) [play](#) [radiator](#) [pixar](#)
[90s](#) [monty](#) [v8engine](#) [stockcar](#) [v8](#) [montgomery](#)
[pistoncup](#) [nascar](#) [disneypixar](#) [kitcard](#) [pixarstudios](#)
[mcqueen](#) [radiatorsprings](#) [blesk](#) [rusteze](#) [lightningmcqueen](#)
[pixarmovie](#) [rayo](#) [kachow](#) [carsmovie](#) [dinoco](#) [lynet](#)
[bliksem](#)

Update 01.06.2024: The wall generation in the current slicer version makes the eyebrows rough. I have adjusted the color so that it is not noticeable (new version V3).

Summary

This is a model of Lightning McQueen in a kit card style. Some characteristic details can be discovered.

After printing, the model can be assembled with the help of integrated connectors.

The wheels can be turned, but the car will not roll.

Versions

The complete set is available in a STL file for a one-color print.

There is a 3MF-file with predefined colors intended for users of AMS or MMU.

Otherwise, the chassis, rims and the tires must be printed separately.

Print

Print with **0.15 layer high or lower** to bring up the details.

No supports are needed.

Use 3 perimeters and 10% infill.

Post processing

The small struts can be removed really quickly and cleanly using a side cutter.

Please remove the predesigned supports under the axles and under the exhausts.

Assembly

The kit is easy to assemble. All parts fit together very well.

Use some grease for the hole in the rim so that the wheel turns more easily.

If a part should be loose, superglue can be used.

Dimensions at 100% scale

The fully assembled model has the following dimensions

Height: 50mm

Depth: 150.3mm

Width: 74.3mm

The complete kit card has the following dimensions when printed

Height: 44mm

Depth: 163mm

Width: 138.5mm

Scaling will work in a low range due to the tolerances.

Other models

I will also try to publish other car models. Stay tuned!

I hope you had as much fun printing and assembling it as I did :-)

[Get more information about this amazing "car" here.](#)

Do you like my work? I would be very happy if you would support my work [on Ko-fi](#).

This remix is based on

Mcqueen
Lightning
Cars **Mcqueen Lightning Cars**
by zacleung

Model files



lightning-mcqueen-kit-card-complete-set-multicolor-... .3mf

☐ predefined multicolor print (7 colors) for AMS and MMU (updated)



lightning-mcqueen-kit-card-complete-set-multicolor-... .3mf

☐ predefined multicolor print (7 colors) for AMS and MMU



lightning-mcqueen-kit-card-complete-set-single-color .3mf

☐ single color



lightning-mcqueen-kit-card-chassis.3mf



lightning-mcqueen-kit-card-rims.3mf



lightning-mcqueen-kit-card-tires.3mf

License

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



Attribution—Noncommercial—No Derivatives

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