



F40 Racecar - 1:10 SCALE



STLLabs

[VIEW IN BROWSER](#)

updated 19. 12. 2024 | published 19. 12. 2024

Summary

Fully 3D printable, 1:10 scale, model of an F40 racecar! (Roughly 43 x 20 cm)

[Tabletop Miniatures](#) > [Vehicles & Machines](#)

Tags: [car](#) [vintage](#) [racecar](#) [formula1](#) [f1](#) [classic](#) [cars](#) [scalemodel](#) [supercar](#) [hypercar](#) [ferrari](#) [lamborghini](#) [f40](#) [modelcar](#)

The F40 racecar is a large 1:10 scale display model inspired by popular vintage racecars.

SIZE / WEIGHT:

- **Total assembly:** Roughly 43 x 20 cm
- **Filament:** We used roughly 1 kg of filament using 5% infill.

MAKEABLE FOR EVERYONE:

- **Largest single part:** 143 x 164 x 62 mm
- **Includes an assembly guide**

FEATURES:

- **Rolling wheels**
- **Steerable wheels**
- **Fully detailed engine**
- **Openable doors and panels**
- **Can be disassembled**
- **Easily swappable parts**

ADDITIONAL PARTS:

- M3x6 (2x)
- M3x8 (10x)
- M3x10 (32x)
- M3x12 (4x)
- M3x16 (4x)
- M3x20 (4x)
- M3x25 (6x)
- M3x30 (6x)
- M3x35 (8x)
- M4 hex nut (8x)
- M4x20 (4x)
- 2.5 mm Allen wrench
- 3.0 mm Allen wrench
- CA-glue

RECOMMENDED SETTINGS:

- **Resolution:** 0.2 mm layerheight
- **Infill:** 5%, or lightning infill
- **Supports:** Yes, we recommend using organic supports!
- **Brim:** Advised against warping, not mandatory!

NOTES:

- **Assembly:** The model contains an assembly guide, please follow this guide with care.
- **Fitment:** Fit check any parts before permanently attaching them!
Some parts may need sanding or filing!

SUPPORT:

Incase of any problems or questions please contact us via a private message on here, or over on Instagram or via email:
staff.stllabs@gmail.com

Feel free to share your makes with us on here, or over on Instagram and tag us using @stllabs

(This model is made by STL Labs and may not be sold or shared by unauthorized third parties)

Model files



01 - Pre-sliced parts

6 files



wheels.3mf



front-suspension.3mf



tub.3mf



doors.3mf



rear-clamshell.3mf



engine-frame.3mf



02 - Tub

9 files



front-suspension-upper-arm-r.stl



front-wheelhub.stl



front-suspension-lower-arm-r.stl



steering-rack.stl



frunk.stl



front-suspension-lower-arm-l.stl



front-suspension-upper-arm-l.stl



monocoque.stl



chair.stl



03 - Engine

19 files



engine-block.stl



exhaust-manifold-l.stl



charge-coolers.stl



exhaust-manifold-r.stl



small-tube-r.stl



engine-intake-side-l.stl



t-split-tube.stl



engine-cover-short.stl



turbo-l.stl



engine-intake-middle.stl



engine-cover-long.stl



small-tube-l.stl



tailpipes.stl



gearbox.stl



turbo-r.stl



engine-intake-side-r.stl



front-bumper-and-bonnet.3mf



filter.stl



engine.3mf



04 - Engine Frame

13 files



right-rear-suspension-arm-lower.stl



right-rear-suspension-arm-upper.stl



engine-frame-r.stl



rear-suspension-wheelhub.stl



left-rear-suspension-arm-lower.stl



right-rear-suspension-spring.stl



engine-frame-l.stl



left-rear-suspension-spring.stl



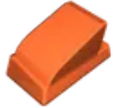
left-rear-suspension-arm-upper.stl



engine-frame-connection-frame.stl



turbo-intake-r.stl



turbo-intake-l.stl

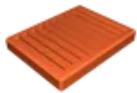


rear-parcel-shelf.stl



05 - Rear Bumper

2 files



rear-radiator.stl



rear-bumper.stl



06 - Front bumper and bonnet

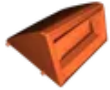
8 files



front-splitter.stl



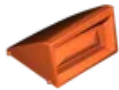
front-bumper.stl



popup-headlight-l.stl



headlight-l.stl



popup-headlight-r.stl



bonnet.stl



front-bumper-spacer.stl



headlight-r.stl



07 - Doors

8 files



door-l.stl



mirror-r.stl



door-r.stl



mirror-l.stl



inner-door-liner-l.stl



inner-door-liner-r.stl



door-frame-l.stl



door-frame-r.stl



08 - Roof and rear clamshell

12 files



rear-clamshell-front.stl



rear-light.stl



rear-radiator-chute-r.stl



rear-wing.stl



rear-clamshell-louvers.stl



roof.stl



rear-grille.stl



steering-wheel.stl



rear-radiator-l.stl



dashboard.stl



rear-clamshell-back.stl



rear-clamshell-back-with-integrated-wing.stl



09 - Wheels

10 files



rear-tyre-outer.stl



front-tyre-inner.stl



rear-tyre-full.stl



front-tyre-outer.stl



bearing-replacement.stl



front-tyre-full.stl



brakedisk.stl



front-rim.stl



rear-tyre-inner.stl



rear-rim.stl

Other files

00-f40-assembly-guide.pdf

f40-by-stllabs.zip

License ©

This work is licensed under a **Standard Digital File License**.

Digital files have a strict non-commercial, personal use only license.

You shall not share, sub-license, sell, rent, host, transfer, or distribute in any way the digital file or 3D printed versions of this object, nor any other derivative work of this object in its digital or physical format (including remixes of this object).

You can not host these files on other digital platforms, web stores or cloud repositories.

The objects may not be used in any way whatsoever in which you charge money, collect fees.

-
- ✖ | No sharing or redistributing in any way of the 3D files or derivatives
 - ✖ | No remixing

✖ | Non-commercial Use (only for personal use)