



## Engine Radiator Fan upgrade for 3DSets Bamboo FJ40



Michal K

[VIEW IN BROWSER](#)

updated 6. 9. 2022 | published 6. 9. 2022

### Summary

If you ever drove with the F40 during heat waves, you will probably need the active fan.



1.26 hrs



1 pcs



0.15 mm



0.40 mm



PET



14 g



Prusa  
MK3/S/S+

[Hobby & Makers](#) > [RC & Robotics](#)

Tags: [3dsets](#) [bamboo](#) [fan](#) [fj40](#) [radiator](#)

#### Fan:

- dimension: 30x30x10mm
- hole distance: 24mm
- hole diameter: 3mm

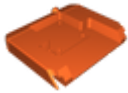
You would need:

- 4x M3x12 screws
  - option 1: electronic switch connected to Receiver <https://www.aliexpress.com/item/1005003353247323.html>
  - option 2: soldering the +/- wires of the fan to +/- contacts

### Print parameters:

- Solid layers - Top / Bottom (0 layers)
- Fill angle: 90 degrees
- Infill density: 40%
- Infill type: Aligned Rectilinear
- Perimeters: 3

## Model files



**engine-radiator-with-fan.3mf**



**engine-radiator-with-fan.stl**



**engine-radiator-with-fan.stp**



**engine-radiator.step**

## Print files



**engine-radiator-with-fan\_015mm\_petg\_mk3s\_1h16m.gcode**

🌀 PET 🌀 0.40 mm 🌀 0.15 mm 🕒 1.26 hrs 📊 14 g 🖨️ Prusa MK3/S/S+

# License

This work is licensed under a  
**GNU**



**General Public License v2.0**

---

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Meets Open Definition
- i | Share under the same license