



Lego Saturn 5 Rocket Wall Display - Vertical



Drake

[VIEW IN BROWSER](#)

updated 27. 11. 2022 | published 27. 11. 2022

Summary

Simple, secure, strong vertical wall mount / mini-shelf for a Lego Saturn 5 rocket.



18.82 hrs



1 pcs



0.20 mm



0.40 mm



PET



208 g



Prusa
MK3/S/S+

[Art & Design](#) > [Wall-mounted](#)

Tags: [shelf](#) [wall](#) [rocket](#) [model](#) [5](#) [mounted](#) [lego](#)
[saturn](#) [display](#)

I wanted a simple, secure, strong way to mount my Lego Saturn 5 rocket vertically on my wall. I whipped up this very simple set of models, which came right off the printer (no supports) and on to the wall. This model had been on my wall for over a year now with no problems, and even sat through a 6.0 earthquake here without moving.

What you'll need:

1. 5 (or more if you have butterfingers) screws to mount this to the wall.
2. A Level (the bubble kind is fine). Leveling this is important.

3. a tape measure (optional but helpful)
4. Something safe to stand on - to get up where you want to hang it).
5. A studfinder (optional, but at least 2 of the screw in the base should be screwed into a wall stud, or you will need to use really good drywall anchors - or something else if your house is made of brick or concrete.
6. Some kind of power drill or other way to drive screws through your wall, into a wood stud
7. a pencil

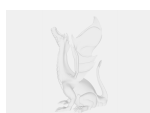
Printing Recommendations:

1. I used PETG... PLA would probably work, but PETG is going to be less prone to cracking.
2. Print the base plate on its side.
3. Print the top ring with the flat ring-face down.

Mounting recommendations:

- Don't punch holes in your wall if this is your first time hanging something. Ask someone for help... or watch youtube videos.
- Check that your screws fit before you drill holes
- make sure your screw are long enough to go through your drywall and into the wood behind.
- Place the base mount on the wall, level it carefully (it should be very level) and then use a pencil to trace out the screw holes. Make sure 2 of them at least will go into wall studs, or, that you are using good concrete anchors that are weight rated above 10lbs each.
- Mount your base plate and then put your rocket on top.
- Get up near the top, and slide the top ring over the rocket to the place you want it to be. the distance I have from the top of my base plate to the bottom of my top-ring is about 23 inches.
- mark the location and remove your rocket
- Attached the top ring to the wall. This one doesn't need to be attached to a stud, as its only there to save the rocket from an accidental wobble.
- If you do it right, the ring wont even touch the rocket at all when installed.

Model files



legosaturn5baseplate.3mf



legosaturn5topring.3mf



legosaturn5vertical-mount.3mf

Print files



legosaturn5baseplate_02mm_petg_mk3s_18h49m.gcode

PET 0.40 mm 0.20 mm 18.82 hrs 208 g Prusa MK3/S/S+

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