



(Updated) Nintendo Switch Handles



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Summary

I created this because I didn't love any of the existing designs. One has seams, screw holes, and etc.

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UPDATE: Added a new version that's easier to print, requires less cleanup and supports, and allows access to the SD card.

I also added a version adjusted for the OLED Nintendo Switch, available here: <https://www.printables.com/model/413917-nintendo-switch-handles-oled-version>

Update: Added a version that can be docked without removing the grips.

I created this because I didn't love any of the existing designs. One has seams, screw holes, and etc. that I didn't care for. Another two piece would allow the actual switch unit to fall out the bottom of the grips if you weren't careful. So I designed this that basically combined ideas from each design that I did like.

This will fit on a 250 mm print bed if it is turned to the diagonal.

After confirming the original print was what I wanted and everything fit correctly, I split the model in 2 for smaller print beds. I haven't tested the 2 piece print but it should have enough tolerance on a well tuned printer so that the pieces have a snug fit (but not too tight or too loose). If anyone does do that 2 piece print let me know if anything needs changed.

For the two piece print I would orient the pieces as shown in the 4th (green) image with supports and at least a 5mm brim.

Print instructions

I printed this upright with a 5mm brim as well as supports. It will require a bit of post print cleanup. That will mostly consist of just smoothing what was printed on supports.

For the two piece print I would orient the pieces as shown in the 4th (green) image with supports and at least a 5mm brim.

Model files

2-piece-right-grip-v2.stl

2-piece-left-grip-v2.stl

v1_1-piece-grips-v1.stl

v1_2-piece-left-grip.stl

v1_2-piece-right-grip.stl

1-piece-grips-v2.stl

2-piece-left-grip-v2-dockable.stl

2-piece-right-grip-v2-dockable.stl

1-piece-grips-v2-dockable.stl

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