
DIY Wine Glass Shelf

Build Instructions



Adylinn Studio

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Introduction

This build gives you the option to easily upgrade an existing shelf in your home to add brackets to hang wine glasses OR a full DIY build including the shelf brackets and shelf. These instructions will be split into two so you can easily follow the desired option. No specialized tools are required and a 3D printer is not required - you can utilize a print service such as [3DHubs.com](https://3dhubs.com) to obtain the 3D printed parts from a local printer.

OPTION 2 - Upgrade an Existing Shelf

What You Will Need

Materials:

- [3D Printed Wine Glass Brackets](#) (Quantity will be determined by the amount of shelf space)
- [Primer](#)
- [White Spray Paint](#)
- [Metallic Bronze Spray Paint](#)

Tools:

- [Orbital Sander](#) (optional) ~\$27

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3D Printed Parts

If you are sourcing your 3D printed parts, I'd suggest a local printer on [3D Hubs](#) so you can pick up your printed pieces without having to risk shipping. Be sure to communicate the below settings when placing your order:

Wine Glass Brackets (decent surface quality to limit amount of sanding needed)

- Filament choice not really important
- 0.2mm layer height
- 20-30% infill
- Orientation - thick/back end on build platform with brackets standing straight up.
- No support, brim optional

[Order a 3D Print](#)

Brackets

1. Sand all the printed parts to the desired smoothness. Start with 120 grit and move up to 320 grit for a nicely smooth part without visible print lines.
2. Wipe the sanded parts with a lightly damp cloth or paper towel.
3. Once the parts are dry, evenly apply primer.
4. Once the primer has dried, sand lightly. Wipe the sanded parts with a lightly damp cloth or paper towel.
5. Paint brackets with desired color. For this build a matte white was used for the glass brackets. Two coats is recommended.
6. After the paint has had enough time to dry, apply clear coat.

Shelf

1. If possible remove the shelf as it will be easier to work with.
2. Measure out and mark up where the brackets will be installed.
3. Pre-drill holes in the shelf for the wine glass brackets by using a wine glass bracket as a guide.

Assembly and Mounting

1. Glue is not necessary but you can optionally apply glue to each wine glass bracket before screwing them into the shelf.
2. Screw in all wine glass brackets using the pre-drilled holes to line up the brackets.
3. Replace shelf on existing brackets.
4. Hang your wine glasses and enjoy your upgraded shelf!

Thanks for taking the time to explore the project, I hope you try it and if you do I'd love to hear your feedback and see pictures of your build! Reach out on social media or leave a comment. If you have suggestions about future builds or improvements to the way the builds are presented please let me know.

