



Maytag Dishwasher Rack Wheel Assembly



All3DingsInChrist

[VIEW IN BROWSER](#)

updated 13. 7. 2024 | published 13. 7. 2024

Summary

This wheel assembly is for the lower rack of select Maytag dishwashers.

[Household](#) > [Kitchen](#)

Tags: [dishwasher](#) [maytag](#)

I had a couple of these assemblies break on my dishwasher, making the lower rack unstable when rolling it out. Months later, I finally got around to designing (or rather, reverse engineering) 3D printable replacements. This design is essentially the same as the original with adjustments made for easier printing. However, you will still need supports.

Reference photos for print orientation. Use supports from build plate only. With tree supports, they break away easily. There's a counterbore in the wheel that needs supported, and the hook on the bracket needs supported.

Use any material with decent heat deflection temperature. I used ABS. PETG might work as well, though I've had that deform in the dishwasher before. From what I've read, dishwashers can get up to 90-100 degrees Celsius, so keep that in mind when choosing a material.

Model files



dishwasher-rack-wheel.stl



dishwasher-rack-wheel-bracket.stl

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✓ | Commercial Use
 - ✓ | Free Cultural Works
 - ✓ | Meets Open Definition