



Ryobi Power Tool Pegboard Holders

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updated 5. 2. 2024 | published 5. 2. 2024

Summary

These prints will allow you to hang Ryobi (and other) tools on a pegboard...REVISED!!

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TOOL HOLDERS AND PEGS REVISED!!

UPDATED Jan 20, 2024

I decided to incorporate the Universal Peg Board System from [AimeBuilder_329593](#). No more dovetail weak pegs! The new pegs are far stronger (because of print orientation) and will likely hold up much better. I've redesigned the Ryobi holders with the new universal pegs and made a slight "retention" tweak to the pegs as well.

I've got both up and down orientations depending on the tool you have. The pegs may take a bit of force to slide in. If you have trouble, print them at 99%.

Some of the tool holders require supports because of the orientation. If you print using the 3MF, they should be all set up for you already.

OLD DESCRIPTION

Using the existing battery slots in each power tool, this print will allow you to hang your Ryobi tools on a pegboard (it fits a standard 1 inch or 25.4 mm spaced pegboard). Because the 3D printed pegs are prone to breaking, I designed it so that you can print the pegs separately if they do. There is one for "up" and "down" variations, depending on which way the battery is inserted in the tool.

I recommend printing the pegs in separately in a strong material (PETG, ABS, ASA, Nylon), then the main body should work fine in PLA. They should slide together with only small force (depending on how well tuned your printer is). If you feel like it takes too much force to slide the pegs in, just take 30 seconds and do some quick sanding on the peg piece until it slides in easier.

UPDATE: I found that the slide-in pegs were a bit tough to slide in at times due to the sag of the bridging in the main body. So, I added a slight curve in the back of the peg piece to mimic the bridging sag, which allowed the pegs to slide in much more smoothly, eliminating the need for sanding to improve the fit. Changes are in the V2 3MF file.


UPDATE 2: I just added the Fusion 360 model file so you can fiddle with them to customize or whatever! I am self-taught in Fusion (like most of us I'd guess), so I apologize in advance if the file is poorly organized :-)

UPDATE 3: because of the pegs' tendency to break, I'm working on a version that uses metal pegs, stay tuned...

Print instructions

Print as-is in the 3MF file, supports for enforcers only. PLA should be fine for parts, maybe PETG for a hot garage?

Model files

 **Universal Peg Stuff - Jan 2024** 10 files

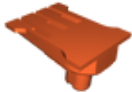
 **pegboard-stuff_unipeg.3mf**
☐ all parts with supports for the ones that need it



bit-holder_unipeg-v1.stl



grinder-holder_unipeg_v3.stl



battery-post-v4_curve-down.stl



battery-post-curve-up-v3.stl



battery-post_thick_curve-up-v3.stl



oscillating-cutter-holder-v1_unipeg.stl



drill-holder-v2_unipeg.stl



right-angle-drill-holde.stl



my-peg-v5.stl



The old junky stuff

3 files



ryobi-power-tool-pegboard-holder-v2.3mf



ryobi-power-tool-pegboard-holder.3mf



ryobi-pegboard-hangers.f3d

☐ Fusion 360 file

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