

Vinyl Siding Mounting System

For ½" EMT Conduit



Parts List: (per individual mount)

- 3x ¼x20 Hex Nuts
- 2x ¼x20 x ¾" Machine Screws
- 2x Vinyl Siding Hooks
- 1x ¼x20 x 1 ¼" Machine Screw or Bolt

Vinyl Siding Hooks are available here:

<https://www.amazon.com/Aminigram-Hanging-Stainless-Profile-No-Hole/dp/B07V7T855Z>

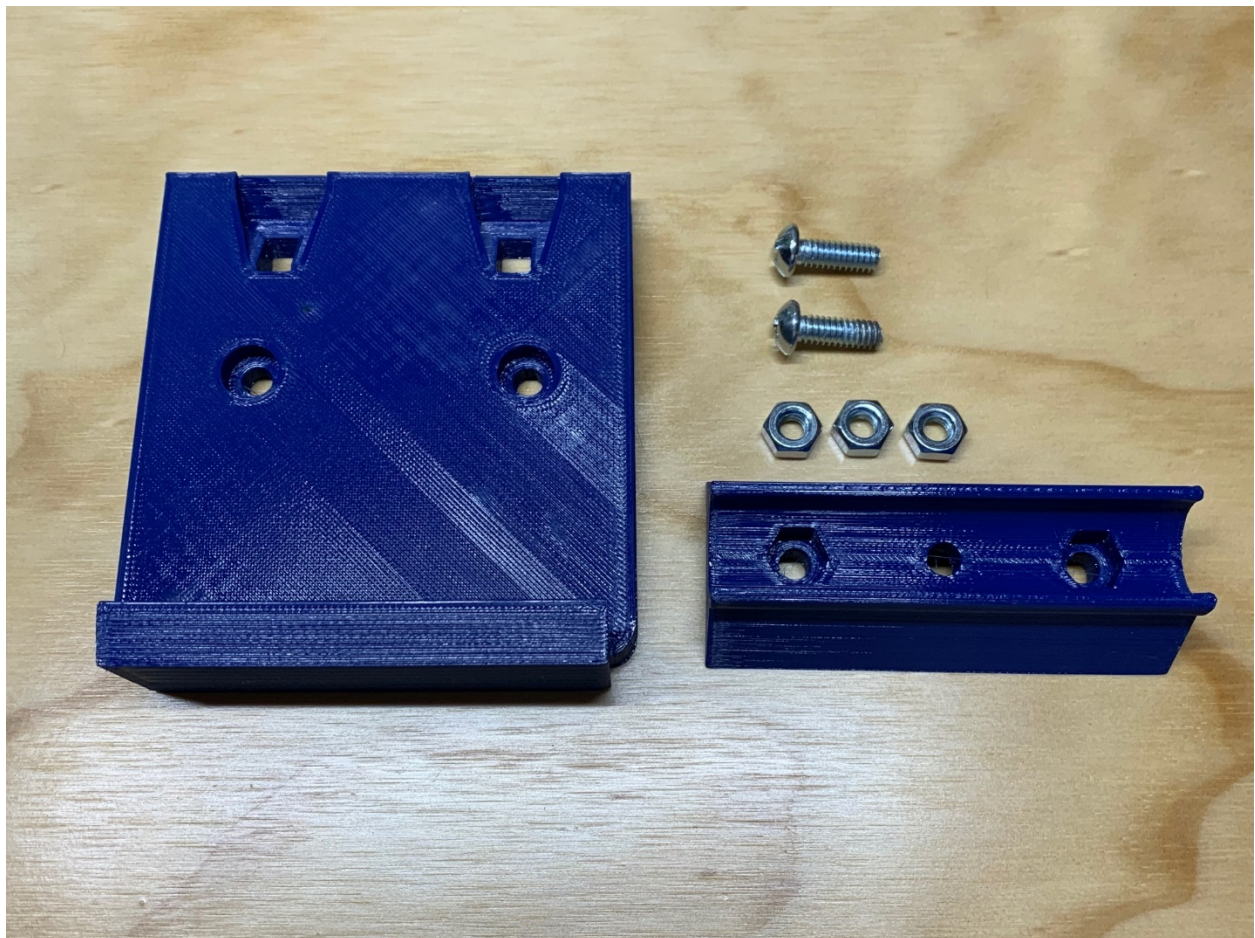
Recommended Print Settings:

- PETG
- 4 Solid Bottom Layers
- 5 Solid Top Layers
- 4 Outline Walls
- 45% Infill
- Use Supports*

* Supports are recommended on the mounting plate for better print quality with the overhang. They are not needed on the EMT receptacle.

For larger props like the Rosa Wreath, SpinReel and Mega Spinner, recommend the use of 2 horizontal and 2 vertical mounts per prop.

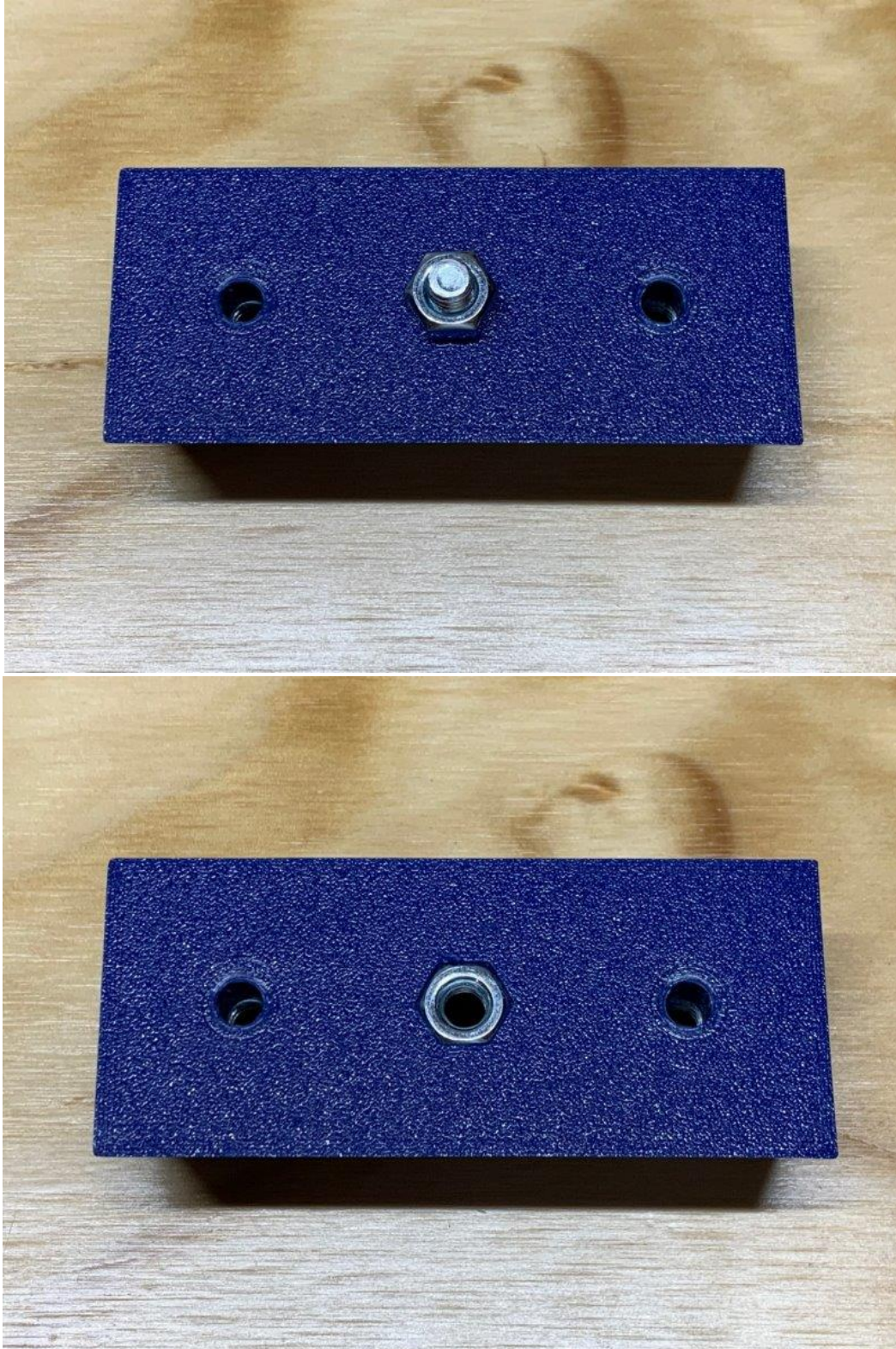
Assembly: (Some of the images depict an earlier version of the EMT receptacle without the zip tie slot)



Insert hex nuts into the EMT mounting piece. The fit is tight so using a bolt or screw to pull the nut into position from the opposite side is required. I find using a 1" bolt works the best since I can use a ratchet to tighten. Make sure you align the nut with the opening when tightening down so that it fits into the hole cleanly.



Flip the piece over and repeat the process for the center nut. In order not to damage the curvature of the EMT side, I thread the bolt past the nut about $\frac{1}{4}$ ", align the nut with the opening and use a hammer on the bolt to gently tap the nut flush with the surface.



Lastly using the $\frac{3}{4}$ " screws, screw the EMT mounting piece to the plate. The screws should recess below the surface with nothing protruding into the EMT conduit's path.



The recessed center nut is used to secure the EMT conduit directly to the mount using a 1 ¼" screw or bolt if desired. Drill a ¼" hole in the EMT where it aligns to the mount and tighten the screw or bolt to secure. With the EMT conduit in place, the 1 ¼" length will end flush with the back of the nut and not penetrate the mounting plate.

Like the fitting of the nuts, the fitting of the hooks to the mount is tight. I find it a little easier to push the hooks into the mount first and then attach the mount to the siding. Make sure the flat part of the hook is tight against the top surface opening in the mount. When attaching onto the house, attach the hooks first before pushing the bottom of the mount into place.



