

## INSTRUCTIONS

Thank you for your purchase. The following steps will guide you on the install of your mounting brackets.

SHOWSTOPPER

**SPINNER** 

## **Tools Needed:**

Before you get started, you will need to have on hand approximately 70" length of 1/2" EMT (Home Depot), Zip Ties (Cable Ties), #8 3/4" self tapping screws (recommended), tape measure, drill + 5/32" bit, and pipe cutter.

As with any aftermarket 3D printed mounts, some of the zip tie anchoring points will need to be made by drilling holes in precise locations. Also, due to the 3D printing process some minor bridge defects may occur which may require you to "clean out" the EMT mounting holes to ensure the EMT slides through mounting holes easily during assembly.

**1. Install the outer arm mounts.** These mounts are designed to work regardless of using the slit or unslit coro versions of the prop. You may even opt out of using the "backer plates" provided by EFL, as these mounts will adequately provide support for the SS Spinner. The mounts will still work over these plates, so no need to remove them if already installed. however you will need to push the pixels before securing the EMT posts.

The word "UP" is embossed on each arm piece. It is important that the correct orientation is used as the pixel hole pattern is slightly different from the outer row to the inner row. UP should be rotated until it isnearest the outer edge of the spinner. Two arms will use factory zip tie cutouts. The other two will need to be drilled first before securing with zip ties. It is up to you if you want to use all 4 zip tie anchor points on each arm. Some may choose to only use two locations.

It is recommended to start the zip tie from the back of the prop to leave the securing clasp hidden from the front view.









**2. Install the center ring mount.** Once you have secured all of your outer arms you may now position the center ring on the SS Spinner. Use a piece of EMT assist with rotating the center mount to the correct orientation by sliding it through one arm, into the center mount and out through the parallel arm mount. Once centered between the pixel holes, use a drill to create an approximate 1/8" hole at each zip tie cutout. Secure the center mount in place with zip ties and remove the EMT.

**3. Install your EMT.** The exact length of each EMT piece should be cut to approximately **16"-17"**. Included in your mounts is a PVC cross with 3D printed bushings to accomodate your EMT. The PVC cross does not allow a full pass through but instead gives an approximate 1" seat for each EMT section. It is important you fully seat your EMT into the cross. Removing any burrs from cutting and using a hammer or mallet may help with this process. Make sure your cross is centered, with all EMT arms fully seated, before securing each EMT piece to the center and arm mounts with screws. Note, you may decide to push the pixels before installing the EMT, as it is a bit tight around the arms mounts.

## Enjoy your amazing prop from EFL and Showstoppers!





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