

INSTRUCTIONS FOR ELEVATOR SUPPORT REPAIR KIT:

The repair kit includes 3D printed tabs to repair the “Long Elevator Support” and the two “Elevator Side Supports.” This includes two (2) pairs of hook tabs and four (4) long plate tabs. I have also included E6000 industrial strength adhesive.

ADDITIONAL ITEMS NEEDED:

- A small stainless steel paint scraper or putty knife.



ELEVATOR SUPPORT REPAIR STEPS

STEP 1: Using the scraper tool, remove what remains of the broken tab(s).

STEP 2: The “Elevator Side Supports” have only one regular tab on the top of each support. These are the easiest tabs to replace because the frame is slightly wider in this area and provides a good visual for placement (see Figure 1). Use the E6000 adhesive and place the appropriate tab in the proper location.

STEP 3: The “Elevator Side Supports” also have two hook tabs on the side of each support (see Figure 2). If only one hook tab needs to be replaced, use scissors to cut the plate. Make sure the tabs are facing down when you glue them to the support.

STEP 4: The “Long Elevator Support” has two tabs along the top of the support. If possible, mark the center of the existing tab locations on the side of the “Long Elevator Support.” This will help you identify the appropriate placement of the new tabs. Using the mark you made to identify the center of the tab to determine placement of the new tabs and glue them into place.

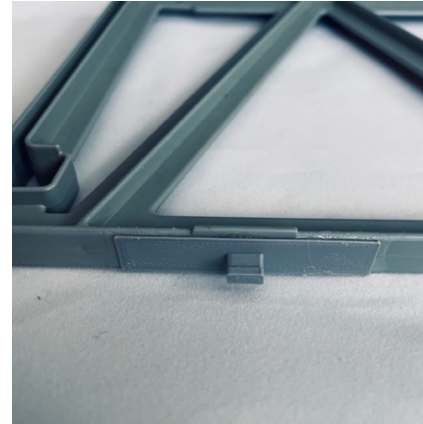


Figure 1: Elevator Side Support Tab

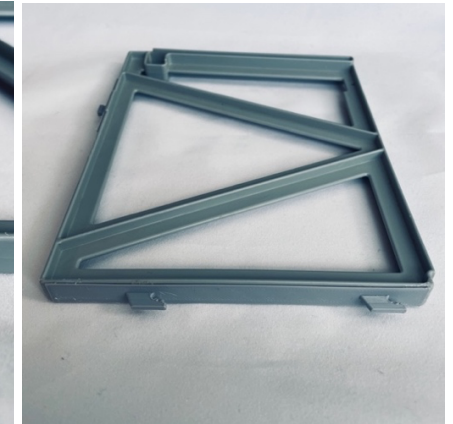


Figure 2: Elevator Side Support Hook Tab

ONE MORE NOTE: Finally, make sure you are patient in allowing the glue to set and cure. In my first attempt, I didn’t allow the glue to dry long enough. In my second attempt, I realized I needed a stronger adhesive. In my third and final attempt, I used the E6000 industrial strength adhesive and waited longer than the recommended time because I wanted to make sure it would work. It finally worked! The E6000 adhesive doesn’t instantly set like some glues. It takes about 5 to 10 minutes for the glue to set and another 24 to 72 hours for the glue to fully cure. You’ll still be able to adjust the tabs during the first few minutes. I’m hoping to save you some time.



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Visit my website and select “USS Flagg” on the menu to find additional resources. If you have any questions, don’t hesitate to email me at chris@chrisdortch.com.