

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.

ADDITIONAL ITEMS NEEDED:

- A super glue adhesive that has plastic listed among recommended materials (e.g. E6000 picture on left).
- A small stainless steel paint scraper or putty knife (picture on right).



ELEVATOR SUPPORT REPAIR STEPS

STEP 1: Using the scraper tool, remove what remains of the broken tab(s). This will create a smooth surface for the new tabs to adhere.

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 glue and place the appropriate tab in the proper location.

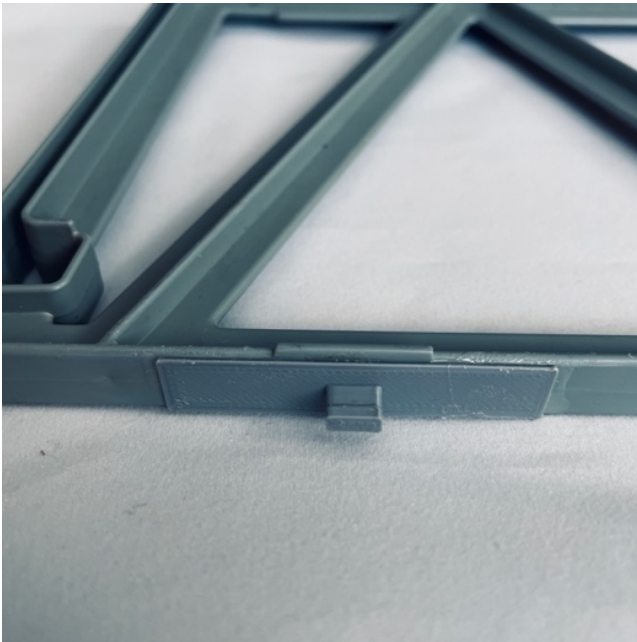


Figure 1: Elevator Side Support Tab Placement

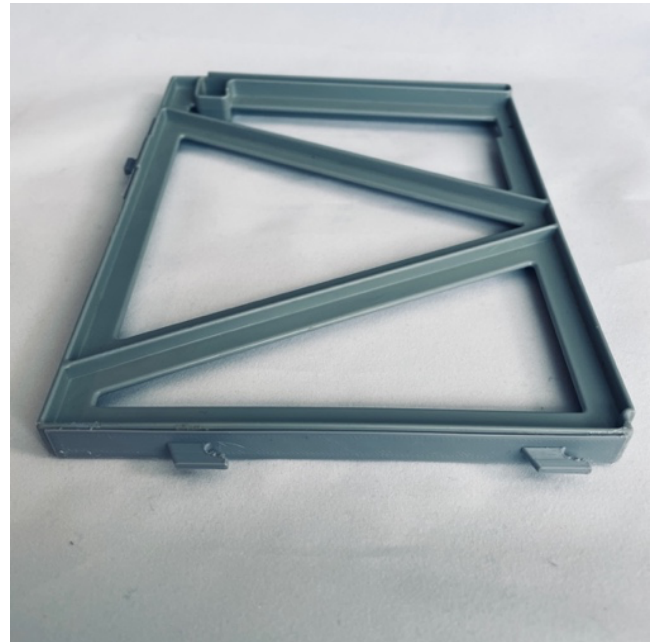
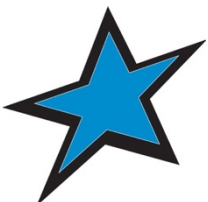


Figure 2: Elevator Side Support Hook Tab Placement

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.

ONE MORE NOTE: Finally, make sure you are patient in allowing the glue to set. In my first attempt, I didn’t allow the glue to dry long enough. In my second attempt, I realized I needed a stronger glue adhesive. In my third and final attempt, I used the right glue (i.e. E6000) and waited longer than the recommended time because I wanted to make sure it would work. It finally worked! 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.