ASSEMBLING THE Company B CRANE

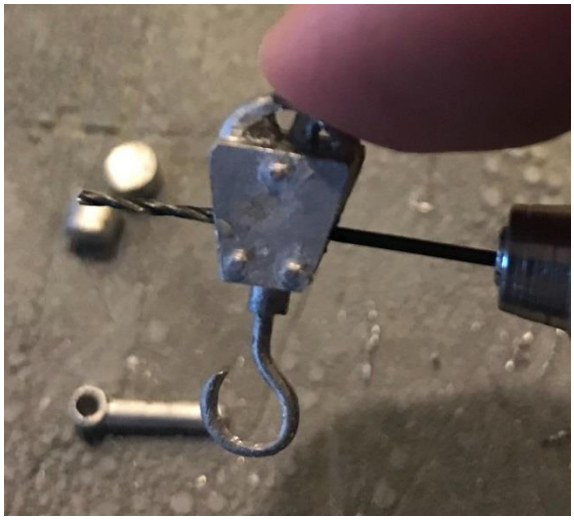
First, clean any flash from the metals and resins. Be sure to test fit all the parts before glueing anything together. To make sure of a good fit there are several pieces should be drilled to deepen holes to make parts fit better.

Drill the smokestack.

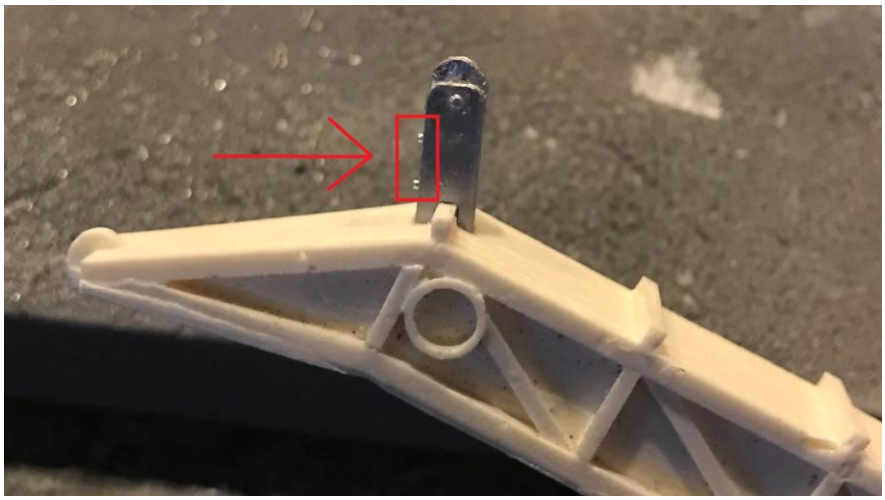
Drill the holes that hold the far end of the crane arm wire supports x2.

Drill the near end of the crane arm wire supports x2.

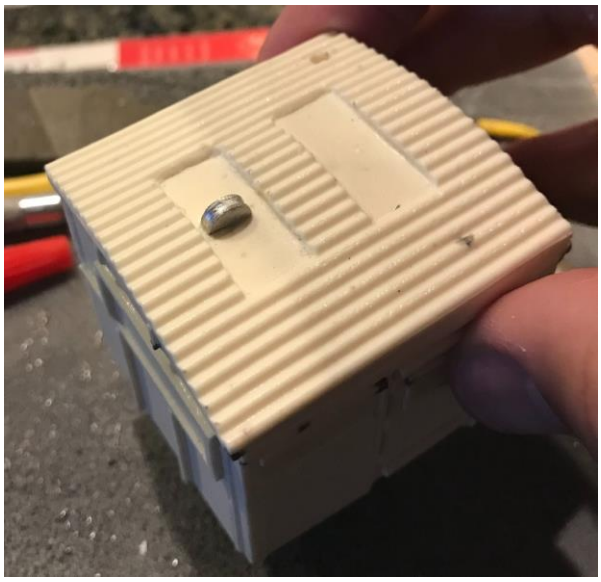
Drill the underside of the crane arm.



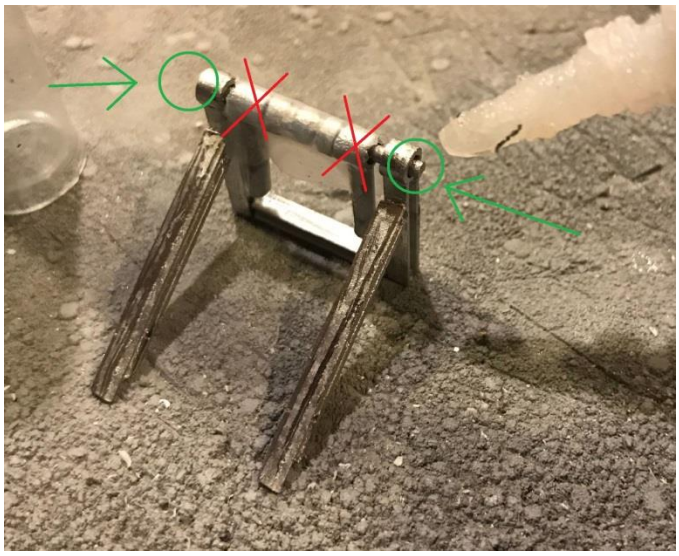
Drill a hole at the bottom of the crane hook/pulley to allow the passage of thin wire or thick embroidery thread. There is one more area to drill but that will wait until some of the construction has occurred.



Glue the vertical crane arm piece in place. NOTE - the rivets on the piece face forward towards the end of the crane arm.



Glue the semicircle crane pulley to the body of the crane body. This should face front/back. Drill a hole immediately behind the pulley in between the two grooves of the pulley.



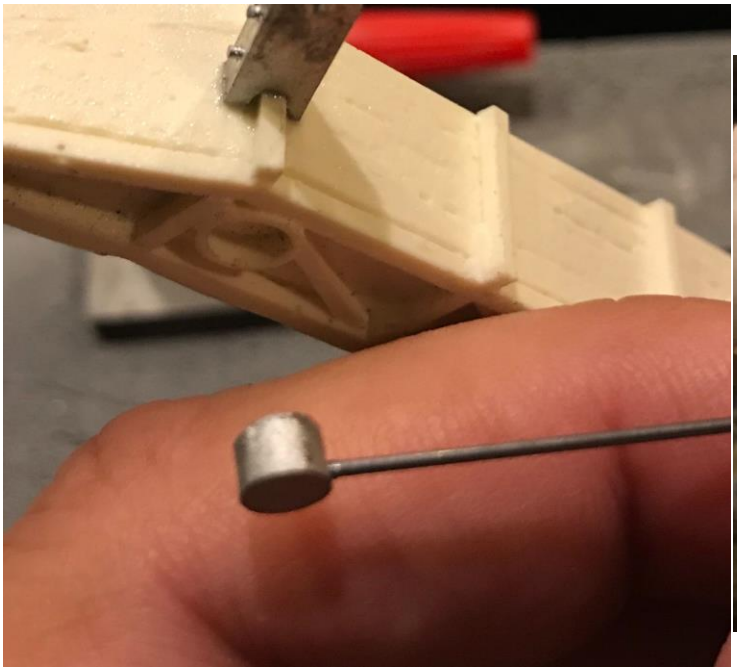
Tape the near crane support arms to the horizontal piece with the round parts as seen in the above picture. Place this in between the two holes of the vertical supports BUT DO NOT GLUE THEM IN PLACE. Glue the horizontal bar of the main crane wire support to the two vertical sides about 2-3mm from the bottom. My piece actually fell to the bottom when I was not paying attention. Let this dry completely.

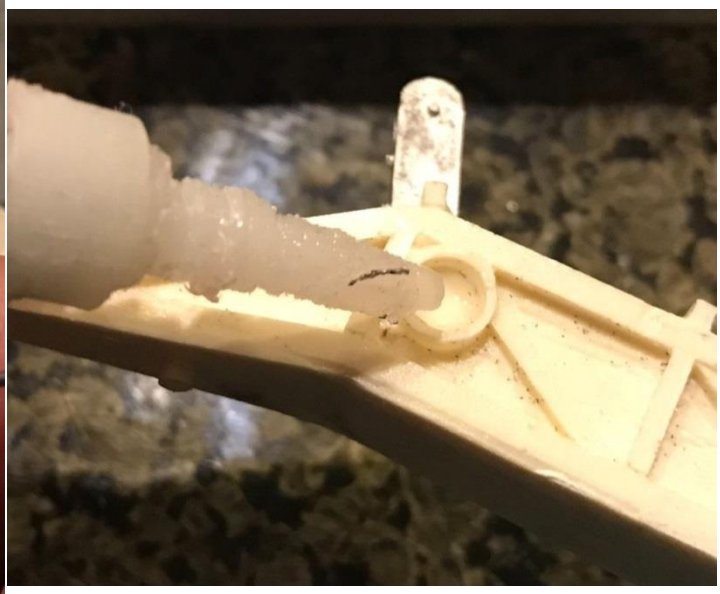
Score the underside of the crane arm and glue it to the bottom front of the crane building in the center.

Drill a hole next to the semicircular crane pulley on top of the crane building on the side away from the crane arm. Glue the crane support metals to the two flat sections of the crane building, centering it left/right.

Glue the ladder to the step. The rung of the ladder that is nearest to the end of the ladders sides is the bottom of the ladder.

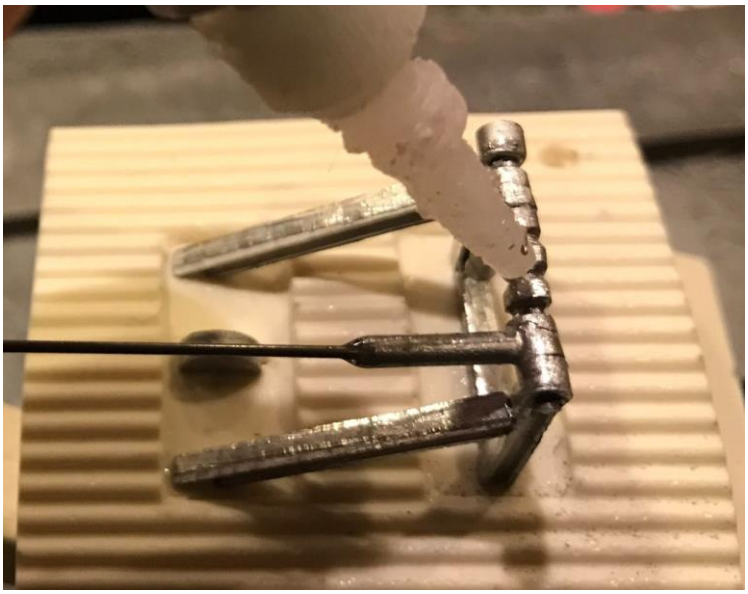
Remove the tape from the near wire supports. Measure the distance from the center of the round hole on the side of the crane arm to the near wire supports. This should be around 9-9.2cm. Cut a piece of #5005 .025 wire to this length - make sure it can fit into the metal pieces and reach the crane arm. Remember to take into consideration this needs to be longer than the distance between the two ends and long enough to fit a little bit into the holes drilled. Test this carefully before proceeding. Glue it into the far end metal piece ONLY.



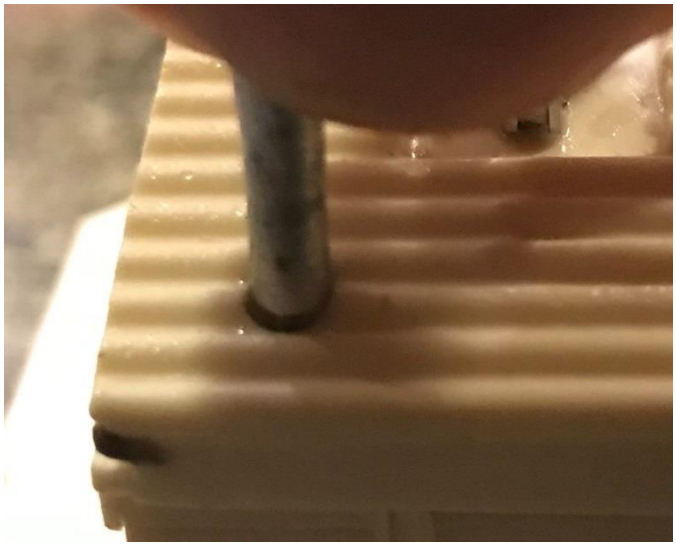


Take the wire and slide it into the open end of the near crane support arm BUT DO NOT GLUE IT. Put some glue into the circular hole of the crane arm and glue the longer side of the far end piece into the circular hole on the crane arm. Make sure the alignment is straight on the wire/support arms.

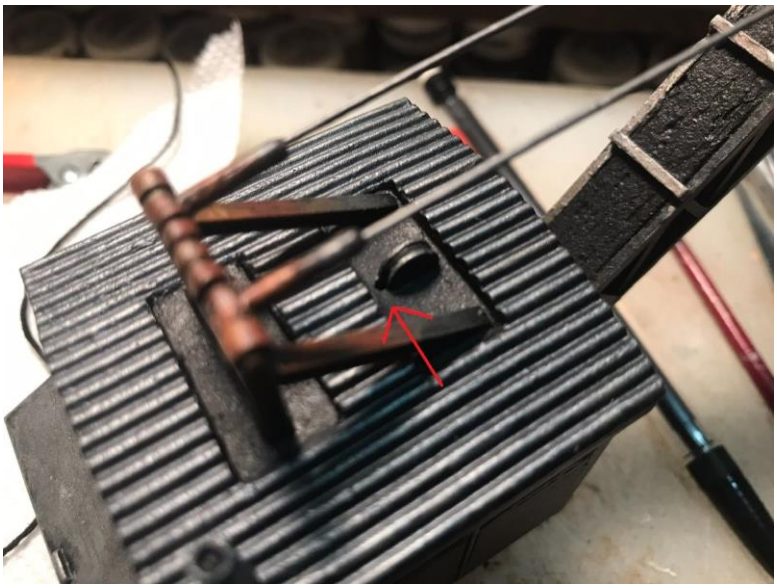
After making sure the alignment is straight and centered (from a side and top view), place a drop of glue on the near crane arm where the wire fits into the arm support.



Glue the wire support to the rod holding it. Center the rod before gluing it to the horizontal supports. File the ends sticking out to suit your preferences.

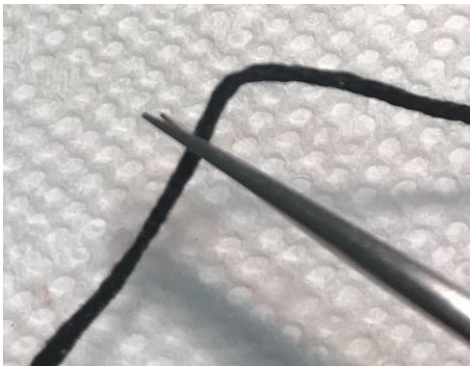


Glue the smokestack and step/ladder into place.



Paint the model in any colors you like. Once painted, it is time to put the crane hook in place. Thin wire, sewing thread or thicker embroidery/counted cross-stitch thread can be used. I preferred the last options. Cut a piece of thread much longer that the distance you want. Place a drop of crazy glue on each end and let dry. Once dry, trim most of the crazy glued end of the string and glue it into the hole that was drilled just next to the semicircle on top of the crane building.

Thread the other end of the thread through the hole in the crane hook. The crazy glued end will pass easily without causing the thread to unravel.



Measure the length of string desired to have the hook hang to the length you require and place a small drop of glue on the string. When dry, cut the string and glue it into place underneath the far arm of the crane. You can choose to glue the hook in place.

EXTRA BITS – NOT INCLUDED IN THE ORIGINAL MODEL KIT

I chose to use some scraps to build goods that were being unloaded. This was placed into a 2x2 piece of gauze and suspended from the crane hook.

The additional weight of the crane load made my crane front heavy. I will need to add a base to my final model.