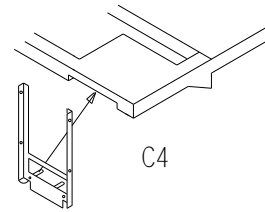
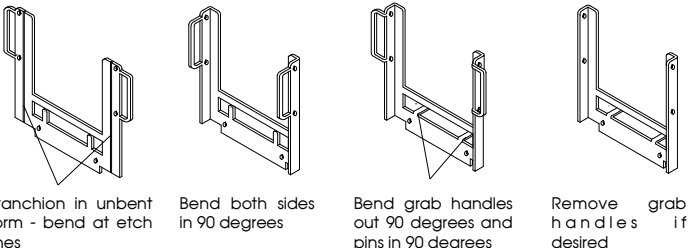


## Plano Model Products #11552 Gunderson Well Car Replacement End Stanchions - Athearn Models

The metal stanchions and stirrups in this kit are designed to replace broken, bent or damage plastic stanchions and stirrups on your Athearn Gunderson Husky stack or Maxi III model. Depending on the condition of your model, the method of adding these to your model may vary. The following method should be considered a suggested method and you may find a different method works better for you.

To prepare the model you will need to remove the plastic stanchions/stirrups from the corners of the model. Slice them smoothly from the outer edge of the side. The mounting lug on the bottom can be left on the car if it is securely attached as this may aid in the addition of the new parts. In the kit is a small brass template with two holes and a bend line on it. Bend this piece of brass 90 degrees at the bend line. Place the larger section centered on the outer end of the existing walkway end with the holes hanging down on the side. There should be enough plastic behind the template holes to drill mounting holes into, if not you will need to add styrene in this area. You will need to drill #78 holes in each of these holes to use to mount the new stanchions.

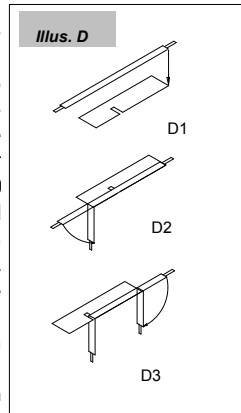
The new stanchions will need to be formed before installing. There are a couple of things to note. First, there are etched on grab irons and holes to use to add wire grab irons. If you prefer wire grab irons, the etched on grabs should be removed before forming the stanchions. Otherwise, form the stanchions as follows. Look closely at both sides of the part. On one side you should see half etched (and slotted) lines dividing the stanchions in half. These are the inside of the bends. Carefully, using a pair of tweezers and small needle nose pliers, bend (fold) the stanchion 90 degrees to form a angle iron shape. Bend the other post as well. If you retained the grab irons, bend them out 90 degrees, away from each other.



The two small mounting pins in the center of the upright should be bent out 90 degrees in the opposite direction of the angle iron shape. Glue these pins into the holes drilled previously. The flat side of the upright should be flush against the side of draft gear.

If adding wire grab irons (not supplied with kit - any 18" drop grab should fit in holes provided), add to holes in stanchions. Trim grabs to a length of about 1/16 inch and CA into the holes on the stanchions. One in each post and one across the bottom.

There is a fret that is holding the new stirrup steps. On one end there is a bending jig to aid in forming the stirrups. First you will need to trim all the strips from the fret, keeping the mounting pins on the strips. To form the stirrup steps (see Illus. D), line up one end of a stirrup (NOT the end of the mounting pin) even with the edge of the bending jig. Hold them together with a pair of tweezers and bend the other end down 90 degrees (D2). Place the bent leg in the small slot in the jig with long leg of stirrup laying on long section of jig. Holding them together, bend other leg down 90 degrees (D3). Before you can put the stirrups on the car, you will need to drill two #78 holes for each of them on the bottom side of the corner of the car. These holes should be about 1/16 inch in from edge and about 1/4 inch apart (like the bending jig). Place stirrup mounting pins in holes and CA in place. Repeat for the three remaining corners.



This should complete the repair work on the corner stanchions of your Gunderson well car. We hope you enjoyed using our photoetched products on your car. For more of our products, please visit our web site.

Thank you and Happy Modeling from

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