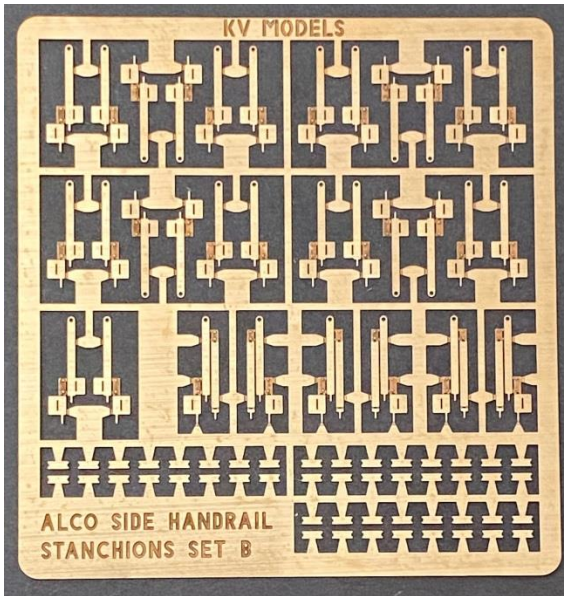
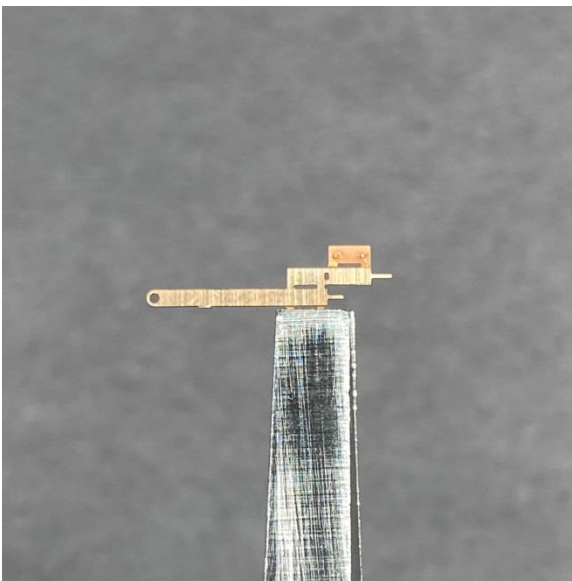


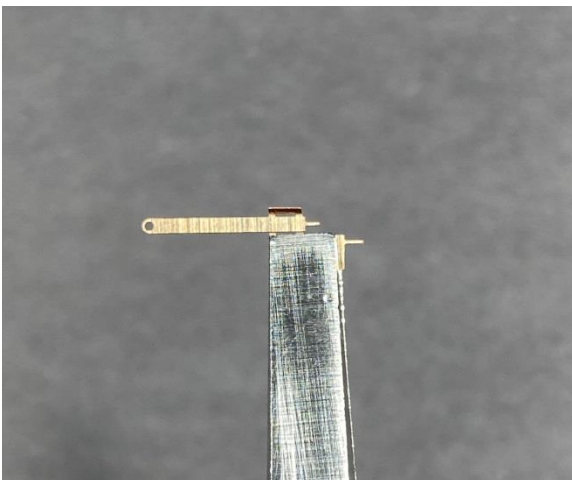
KV-324H Alco RS Side Stanchion Build Sheet



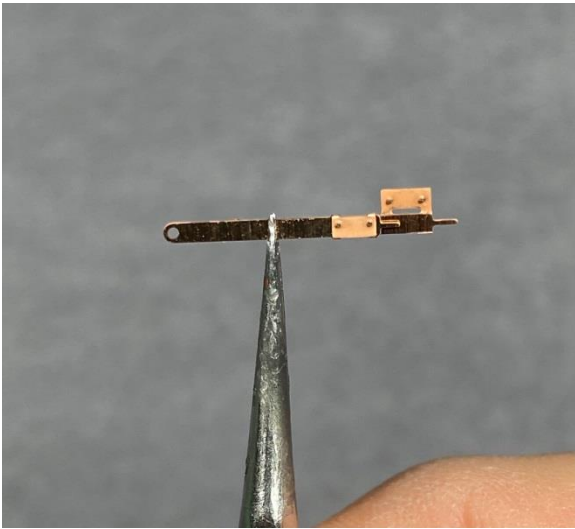
This set has side stanchions for the Alco RS2, RSC2, RS3, RS4/5, RSD4/5 and RS11. It may be appropriate for other Alco models not mentioned. The set includes 2 different kinds of side stanchions and the base mounting plate. There are 26 of the standard stanchion, 6 of the stanchions with angled brace (seen on the RS11) and 48 base plates.



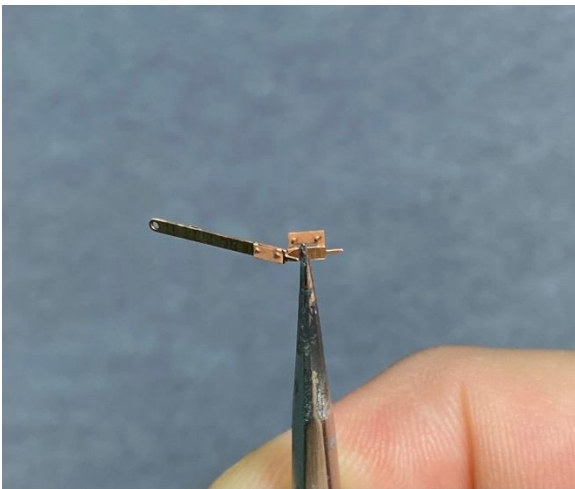
The standard stanchion (does not include the angled brace) is seen to the left. The first bend I make is the rectangular plate with the bolt detail. The bolt detail should be visible so when you bend the plate back make sure that the bolt detail is facing out. If it is sandwiched between the stanchion and the plate then you did it wrong. You may be able to reverse the bend and correct the error but the metal is soft and you will most likely break the rectangular plate off. If that does happen you can still attach the plate to the stanchion with CA. It is a decorative piece, not structural.



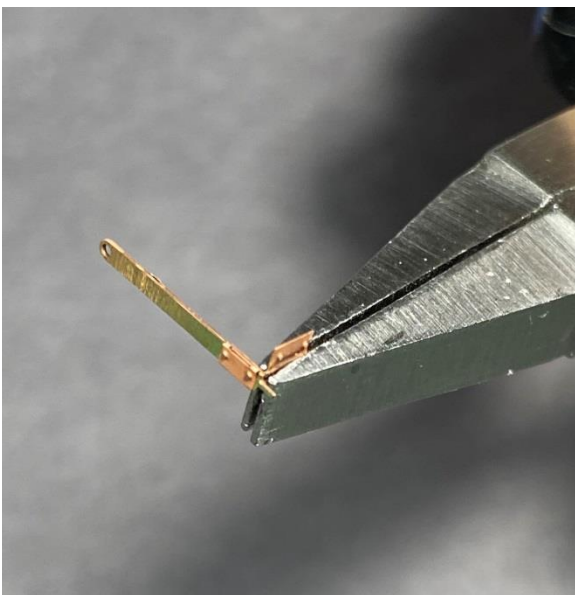
I bent the first plate about 90 degrees, halfway. I then start bending the bracket assembly in the opposite direction as the plate in the previous step.



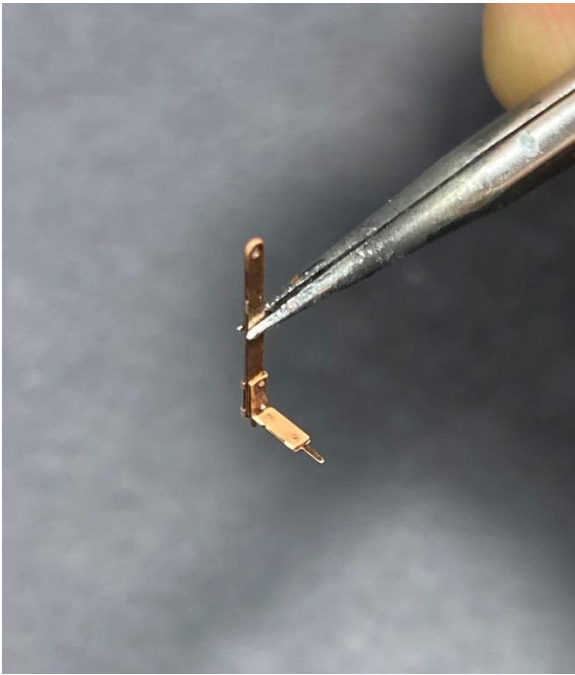
Finish bending both parts so that they are completely flat against the stanchion. If you are careful you can squeeze the edges of the stanchion with the flat tipped pliers to get the plates to line up perfectly with the stanchion. This is how the assembly should look now.



The bottom flange should be bent upward and be perpendicular to the stanchion.



You can see the mounting pin at the base of the stanchion. There will be a second mounting pin at the edge of the bottom flange that gets bent downward later.

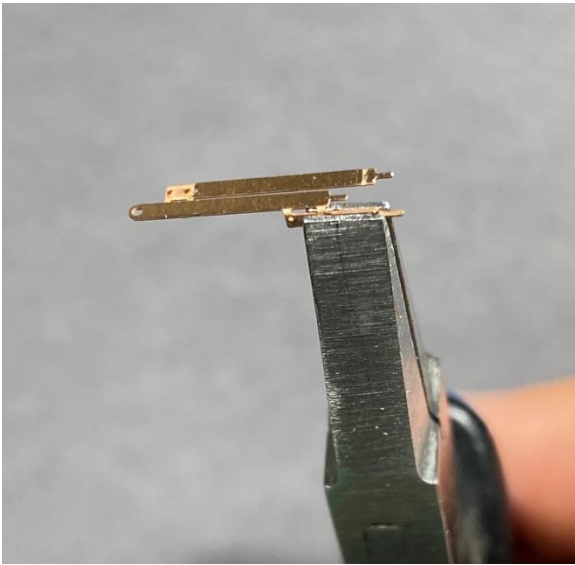


The bottom flange has a rectangular plate with bolt detail that gets bent over the top of the flange. Do this in the same manner as the plate on the stanchion.



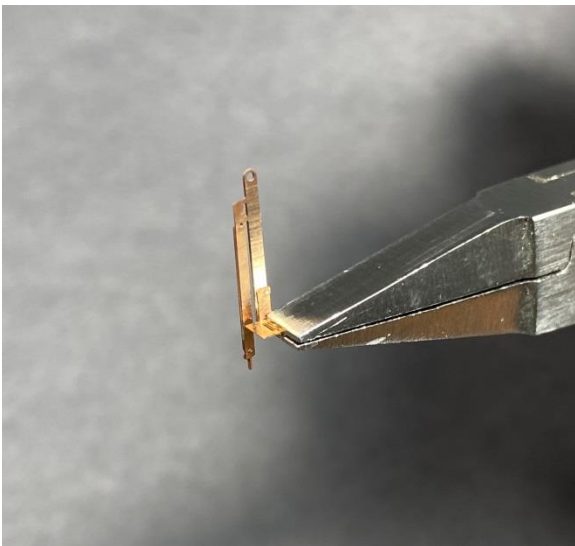
The second mounting pin at the edge of the bottom flange is bent downward.

This is the last step for bending the standard stanchion. At the end of the assembly guide I will discuss mounting the stanchion to the model.

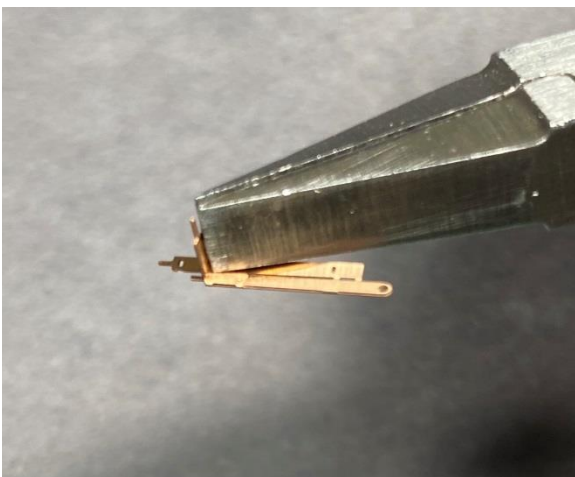


This stanchion has an angled brace that comes off of the stanchion just below the handrail and attaches to the sill. This was used on the Alco RS11.

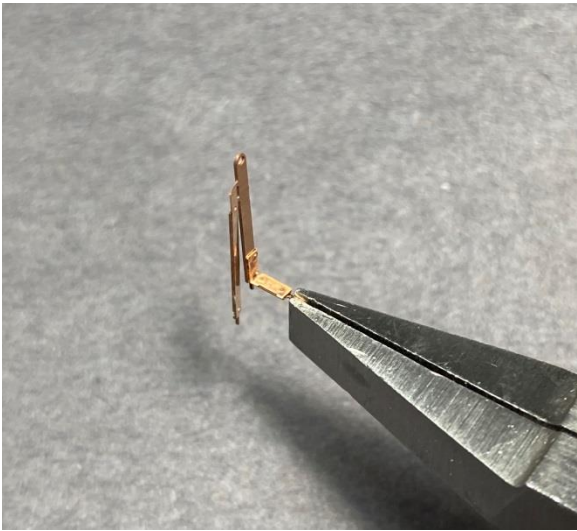
The first step is to bend the mounting flange back so it is against the stanchion.



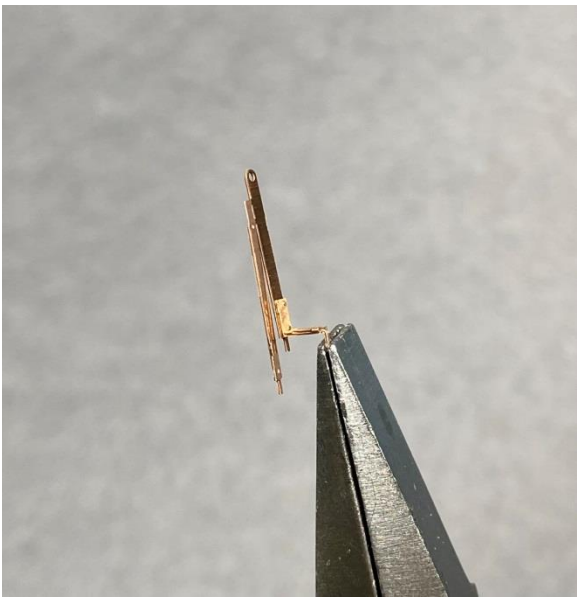
Once the mounting flange is in place bend the bottom flange upward so it is perpendicular to the stanchion.



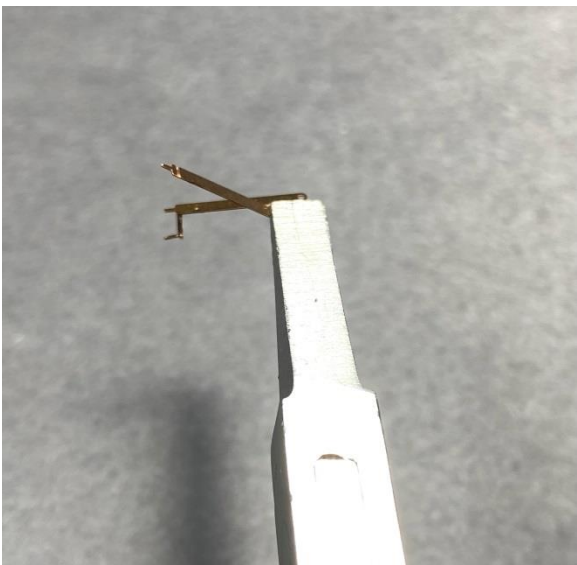
The top plate with bolt detail is folded over on top of the mounting flange. This is what was done on the standard flange as well.



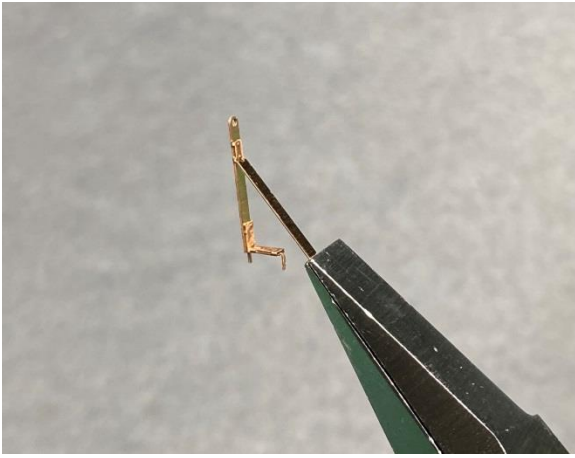
Bend the mounting pin at the end of the bottom mounting flange downward.



The pins should be parallel to each other.



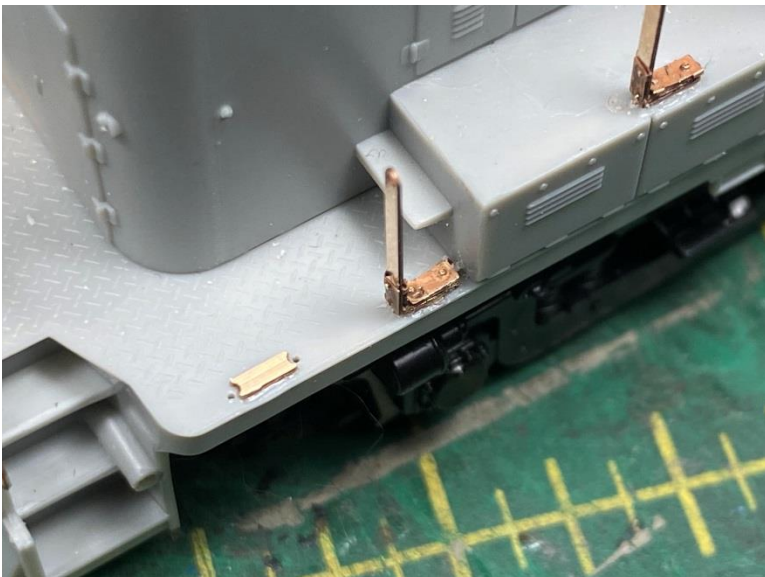
The angled brace gets bent away from the stanchion and the bottom flange. That is because the whole part will be folded 180 degrees around the stanchion in the next step.



Bend the angled part around so that it is on the same side of the stanchion as the mounting flange.



The bottom of the angled brace has a fold line and a pin. The bottom is folded to be parallel to the stanchion.



The bottom mounting plate is attached to the model with CA. The plate is mainly a guide for drilling the holes for the mounting pins on the stanchions but also adds needed height to the bottom mounting flange on the stanchion. The plate also covers up the large rectangular holes in the sill of the Atlas engines. Drill two #80 holes at each end of the plate. The semi-circular inlet at each end of the plate is a guide for drilling the holes. Insert the pins at the bottom of the stanchions into the holes. Use CA to attach the parts.

