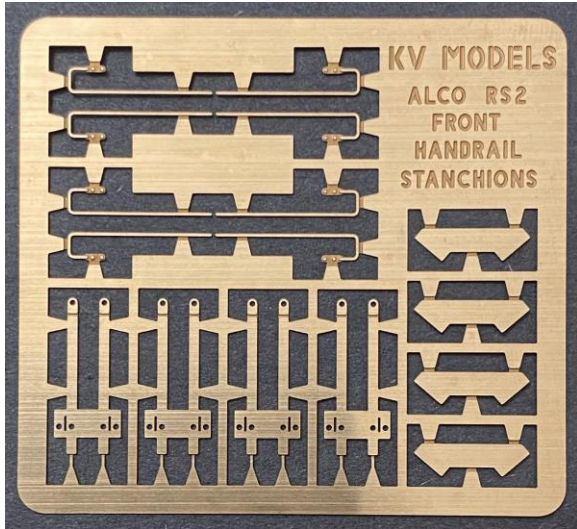
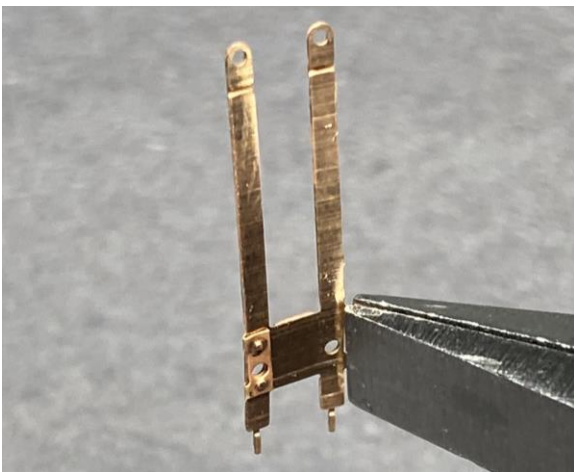


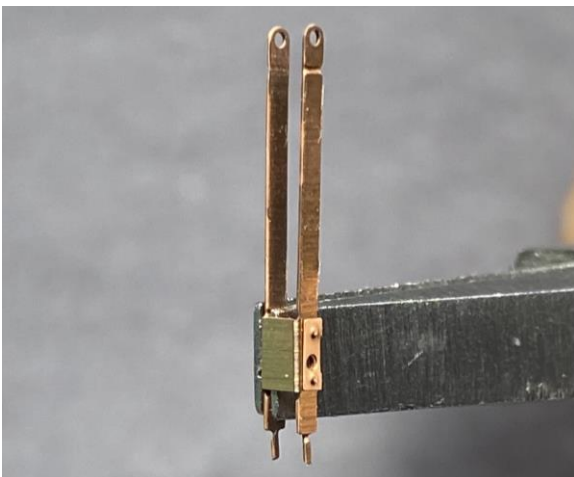
KV-325H Alco RS2 Front Handrail Stanchion Building Sheet



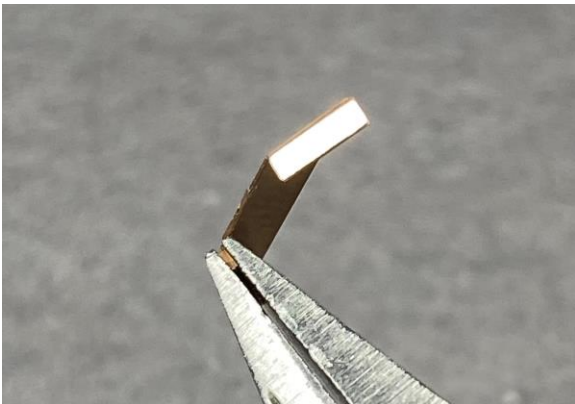
Upper Left – 4 pilot mounted grab railings
Lower Left – End stanchions
Lower Right – End stanchion MU receptacle plate



The first step is to bend the rectangular bolt head face plates back onto the stanchions. I do this by grabbing onto the face plate with some flat tipped pliers and slowly bending back toward the stanchion.

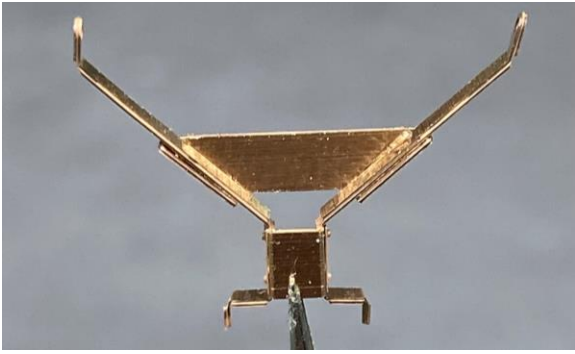


Once both face plates are bent back against the stanchion I fold the two stanchions back. They should end up being perpendicular to the square piece of metal that joins the two stanchions at the base.



The bottoms of both stanchions have a base plate that is bent upward so that it is perpendicular to the stanchion. This will mount flush on the sill later on. At the end of each base plate is a pin that will be bent downward. This should end up being parallel to the stanchions. These mounting pins will be inserted into holes drilled into the sill. Bend the handrail stanchions on an angle away from the center of the assembly. They are roughly at a 45 degree angle. Bend the tips of each stanchion upward so that they are parallel to the vertical section of the handrail stanchions.

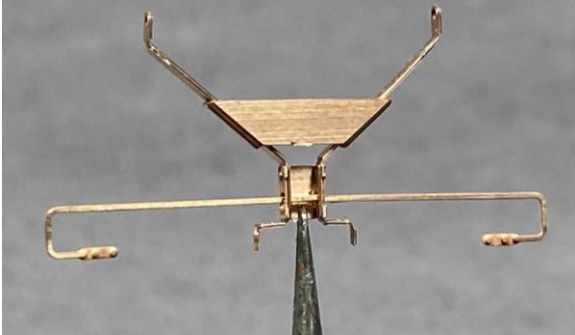
The MU receptacle mounting plate is an optional piece. Locomotives that were not MU equipped might not have this piece although some did. Check with prototype photos to determine if it is needed on your model. Fold each end so that it is perpendicular to the center trapezoidal piece of metal.



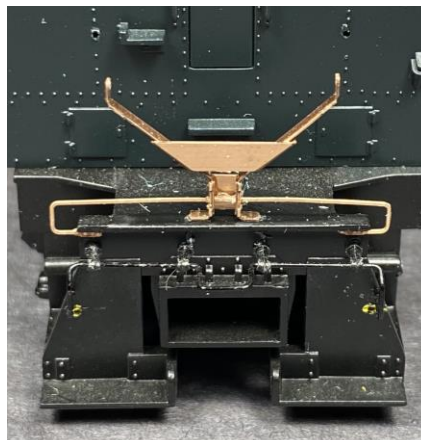
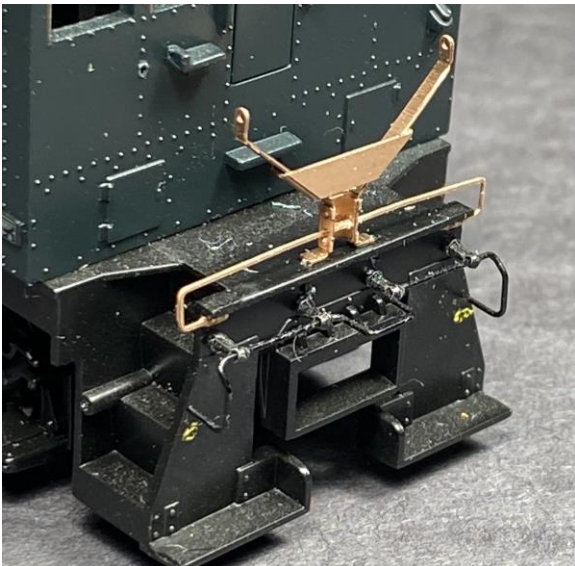
The MU receptacle mounting plate is mounted to the handrail stanchions. The mounting plate may be at a slightly different angle than the stanchions so alter the angle of the stanchions to match the plate. A small drop of CA can be used to attach the mounting plate.



The pilot grab rails are in to sections. This is done since a fully formed grab rail would not be able to be threaded through the two holes in the center of the handrail stanchions. Thread the straight end of the grab rail through one of the holes in the stanchion. A little CA is useful for holding it in place. When the grab rail is firmly in place add the second on the other side of the stanchion. Again, a small drop of CA will hold the grab rail firmly in place.



The finished handrail assembly is ready for installation on the model. If you chose to do so you can add the wire handrail to the stanchion prior to installation on the model. I recommend .015" phosphor bronze wire for this. I do find it easier to bend the handrails on the model sometimes.



Two holes are drilled into the sill near the edge. The pins from the stanchion assembly are inserted into the holes and held with CA. The ends of the grab rail are mounted to the face of the pilot with CA.

