

## Instructions for adding Plano Model Products Tank Car Platform Kit #301 to Walthers Funnel Flow Tank cars.

Plano Model Products Tank Car Platform kits are designed to replace the plastic platforms supplied with the Walthers Funnel Flow tank cars. Before attempting to assemble this kit, please read through these instructions to familiarize yourself with them.

The brass parts in this kit are tabbed together to protect them from loss or damage. Do not cut them apart until they are to be used. When clipping part, clip so they match those in the diagram and use caution when doing so. This material can be very sharp and small pieces can fly. **WEAR EYE PROTECTION!**

As far as painting these parts, it depends on if you are building a decorated or undecorated model. If undecorated, build per instructions and paint along with car after assembly. If adding platforms to a decorated model, you can paint parts first and then follow directions to build kit. OR, build kit per instructions except do not glue parts to car. After all parts are glued together, lift platform assembly off tank car, paint and then glue to car after paint has dried.

Begin assembly by modifying coupler end platform. Using a file, carefully file the old end walkway off. Position one of the two longer stainless platforms on the modified end and CA in place. Add any other details to the end frames at this time.

Cut out drill template on solid lines and tape over center of car. The arrows should point toward each end and be on the center line of the tank. The solid rectangles should be square with the edge of the support dimples on each side of the tank. Using a sharp pin, press a drill pilot point in each tic "+" mark on the template. Remove template and drill a #78 hole in each pilot point.

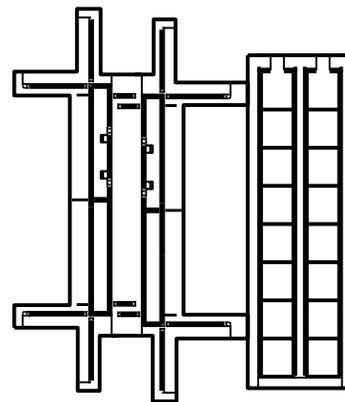
Now to form the brass frames. Look closely at both sides. On one side you will see small score lines where bends are to be made. These lines are to be the inside of the bends unless otherwise instructed. Begin forming by bending each side of the stanchions up 90 degrees using a pair of tweezers. The corresponding side of each stanchion should come up and meet, forming an angle stanchion. Once together, CA together with a small amount of CA. Next bend the front legs (score line is the OUTSIDE of the bend) and back mounting pins down 90 degrees in the opposite direction as the stanchions. The two small ladder locator guides can also be bent down 90 degrees in the same direction.

Using the supplied .012 wire, form two new handrails to match those supplied with the model. Thread the handrails through the holes in the stanchions but do NOT glue in place yet. Carefully insert the mounting pins of the frames into the drilled holes in the tank car and the front legs into the support cavities on the sides. Adjust and CA in place. Place one of the two remaining stainless platforms on each of the brass frames and CA together. Place ends of handrails through platforms and into holes in brass frames and CA.

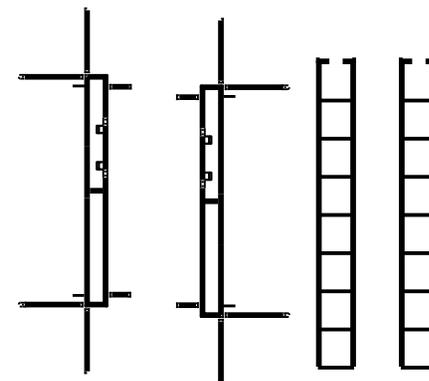
Form ladder to match the one supplied with the model. Bend the top ends of the ladders so they rest flush against the bottom of the frames. The two "small bumps" at the top ends of the ladders go in the ladder mounting guides bent earlier. CA ladder to platform frame and ladder supports under car.

This should complete the addition of the platform details to your Walthers Funnel Flow tank car. Paint or touch up as instructed earlier. Add any other details you may desire to finish your tank car.

Thank you for using our product to detail your tank car. For more information on our products, please see your local hobby dealer or visit us online.



Brass Parts as shipped



Shape of brass parts after trimming apart from protective framework

Ladder Mounting Guide - Bend Down

