

Plano Model Products - #13020 65ft L.P. Tank Car Walkway kit for Walthers L.P. & A.A. Cars

This Plano Model Products L.P. tank car walkway kit is designed to replace the standard walkway of the Walthers 65ft LP tank car. Before starting, read through these instructions carefully and familiarize yourself with them and the parts.

A couple notes before starting. On the parts to be bent, look closely at both sides. On one side you will see small etch score lines. At these score lines, bend the part carefully using a pair of tweezers. *Note: these score lines are to be on the inside of the bend unless otherwise instructed.* Most parts are packaged held together with a fret framework to protect them from loss and damage. Carefully trim parts to match illustrations in these instructions. Trim stainless parts as close to walkways and platforms as possible. **WARNING: ALL MATERIAL IN THIS KIT CAN BE VERY SHARP AND CLIPPED PIECES CAN FLY. PLEASE WEAR EYE PROTECTION!**

Preparing car—kit form

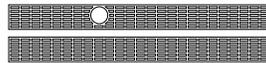
Assemble the two halves of the tank and attach the ends per the cars instructions. Using the supplied styrene, plug the holes in the top of the tank and the slots on the sides of the tank. Allow to dry and file or sand smooth.

Cut out paper drill template on small dashed lines and cut out the center circle to fit over the dome. Tape template to the car so the ends are even with 'tank halves ends' and the center line of the template is on the center line of the car. Using the supplied "T" pin, press a drill pilot point in the center of each "+" tic mark on the template. Remove the template and using a #78 drill bit, drill a hole in each of the pilot points.

Building new ends

Carefully remove the molded on end platforms from the end bolsters. Position new stainless end

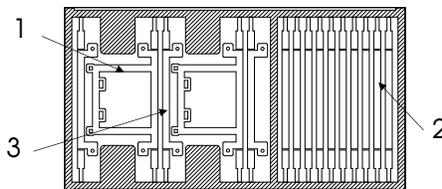
platforms in their place and glue in place. Use caution to get the one with the hole on the "B" end. Drill #71 holes for the end handrails. Install handrails in holes but DO NOT cement in place yet. Add brake equipment, lines, stirrups and any other details at this time. May we also suggest our Stainless Placard Frames #310.



Stainless End Platforms

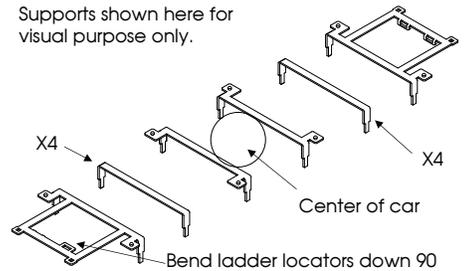
Building car

Assemble the rest of the car per Walthers instructions. Addition of the new walkway supports. There are three different walkway supports used in this kit. Supports #1 are for the end of the walkway. They hold the top of the end ladder and the end handrails. Supports #2 are the mid walkway supports. Supports #3 are the 'inner' end walkway supports. They hold the walkway and the ends of the car middle handrails. Remove supports from their framework (grayed area in illustration) and



look closely at both sides. On one side you will see score lines dividing the supports into three sections. At these score lines, bend the short legs down 90 degrees leaving you a "U" shaped support. When bending supports #1 there are two little locator tabs on one end that need to be bent down to hold the top of the ladder in place. Using a pair of tweezers, carefully roll these down in the same direction as the legs. (See above right) On the paper template you should have noticed numbers between the tic marks. The numbers specify which

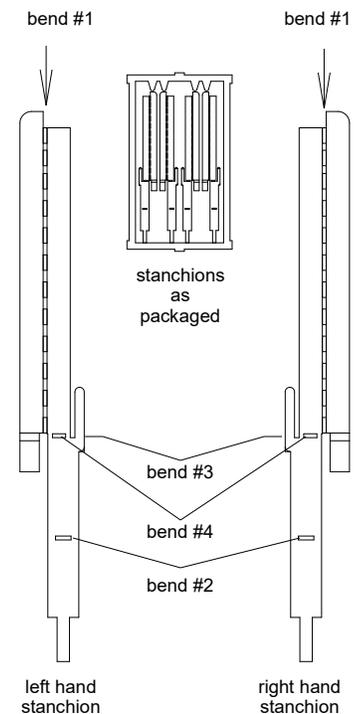
supports to use where. With these numbers in mind, position the mounting pins of the supports in the drilled holes and CA in place. The 'holes' on the #3 supports point to the end of the tank - away from

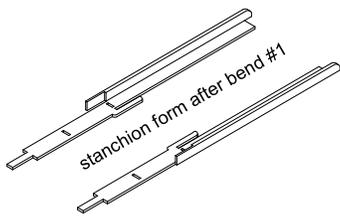


the dome. Add the supports to all holes on both ends of the tank and CA in place.

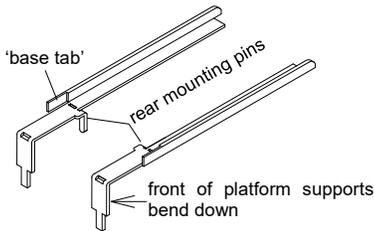
Stanchions / Dome Platforms

To form and add the side platform frame/stanchions, begin by cutting the parts apart to match those of view below. Next look closely at both side of the parts. On one side you should find score lines indicating where bends will be made. At the long line dividing stanchion in half, make a 90

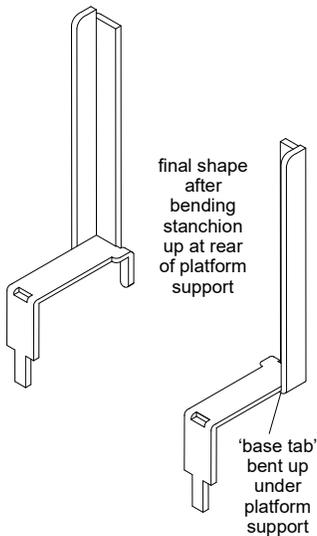




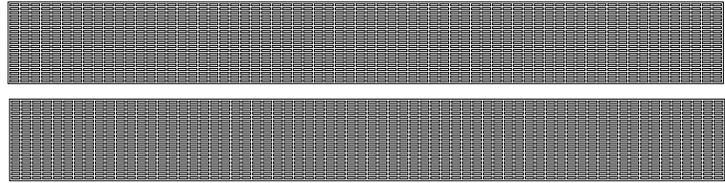
degree bend (illustration above). The base of each stanchion will be the inside of the bends. The line dividing the leg will be the outside of the bend. Carefully bend the parts to shape like that in the illustration below. That small little pin sticking out from the back side of the part, bend it down 90 degrees - the opposite direction of the stanchion.



There is also a small half etch tab sticking down from the bottom of the stanchion. This tab folds up under the platform section for a little extra bracing and strength.



There are two right hand and two left hand of these parts. Insert mounting pins of these frames/stanchion in the drilled holes. The 'inside of the angle' of the stanchion face each other and are to the back of the platform. Square up and CA in place.



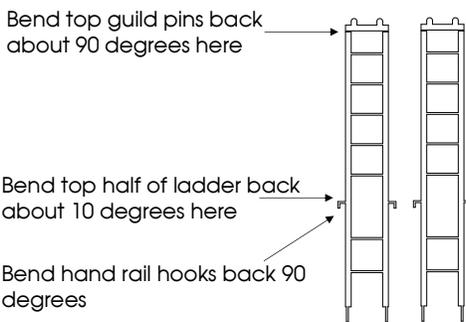
Shape of Main Walkway Platforms

To add the new main walkway platforms to the car, center a large walkway on supports and square up to your satisfaction. When satisfied with placement glue to supports. Repeat with the other walkway. The side platforms should set squarely on the frame/stanchion parts. Glue in place.



Shape of Upper Center Platforms

After walkways are firmly attached to car, the end ladders need to be bent and added to car ends. Start by bending top mounting tabs of a ladder back not quite 90 degrees. Next bend the top half of the ladder in (the same direction as the top) about 10 degrees just above the little hooks on each side of the ladder. Now bend the little hooks in 90 degrees in the same direction as the top of the ladder.



NOTE: We made these ladders a little long. During test fit, place bottom of ladder down on coupler pocket and notice how much ladder sits above walkway. Using a pair of snips, cut this amount from the bottom of the ladder. This amount may vary so repeat for each end.

Test fit ladder on end of car. The two little tabs on the top of the

ladder fit in the two locators bent down on support #1. The ladder wraps over the outside of the handrail and the little hooks fit down over the handrail holding them together. Adjust handrail and ladder until satisfied and CA in place.

The top handrails can now be added. Test fit and adjust as needed to get the handrails to fit in place. The four handrails in the middle of the car fit in the holes of supports #3, sit on the top/inside of the stanchions and sit on the top of the side platform. Again some trimming may be required or new handrails may be formed from .015 brass wire.

Touch up paint and finish model to your satisfaction.

This should complete the walkway detail replacement on your LP tank car. We hope you enjoyed adding our kit to your car and would like to suggest our other two LP tank car walkway kits for future modeling.

Kit #303 is a Trinity style - side mounted walkway with outside handrails.

Kit #304 is a General-American style side mounted walkway with inside handrails.

If you would like to know what other products we have to offer, please see your local hobby supplier or visit us online. Thank you and happy modeling from **Plano Model Products!**