

INSTRUCTIONS FOR ADDING PLANO MODEL PRODUCTS WALKWAY KIT #156 TO ATHEARN'S MAXI III DOUBLE STACK CONTAINER CAR.

Before starting to build car, please read through instructions completely (both ours and Athearn's) and become familiar with them. The better you understand the instructions, the easier the assembly process will go. If you are adding our MAXI III Brass Details Kit #157, those instructions should be followed in conjunction with these as some steps will come before others.

If you need additional prototype and modeling information on Gundersons MAXI III cars, *Model Railroading* ran a two part article on this car. Prototype information appeared in the Dec. 1995 issue and modeling information using these walkways appeared in the Jan. 1996 issue.

All parts in this kit are tabbed together to protect them from damage or loss. They will need to be cut apart to match the illustrations ST1 and ST2. We suggest waiting until you are ready to use the parts before you cut them apart. **USE EXTREME CAUTION WHEN CUTTING PARTS APART! THE MATERIALS USED IN THIS KIT CAN BE SHARP AND SMALL PIECES MAY FLY WHEN CUTTING APART!! WEAR EYE PROTECTION!**

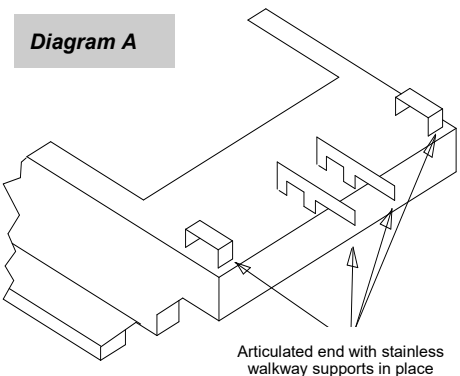
Preparing model for walkways

The first step will be to remove all of the rings around the original walkway mounting holes level with deck surface. Using the supplied .062 styrene rod, glue a small piece in each of the holes left in the decks. Be careful not to stick it in too far, as the weights will be flush against the bottom of the decks and you won't want the "plugs" being pushed out later. After glue has dried, trim any excess on the top side so you have a smooth, flat deck. Be careful NOT to plug the holes for the air tank and triple valve.

Cut out paper drill templates on solid lines and fold on the dotted lines. (We also have a brass drill template set #174 that can be used instead of these paper templates. If you don't like these paper templates or plan to do more than one car, the brass templates are the ticket.) Tape templates to the appropriate deck end. Corners should line up and edges should be even. The template marked "COUPLER PLATFORMS TEMPLATE" has two lines up the middle of it. These lines should be cut part way up to allow the template to lay down into the area above the coupler. Using the supplied "T" push pin, press a drill pilot point in the center of each "+" on the templates. (If you are not adding our brass details, carefully trim templates to fit around molded on details. For those who are adding our brass details (kit #157), we have included those drill locations on these templates. They are the "x" symbols. Mark and drill them also.) Remove templates and drill a #78 hole in the center of each drill pilot point. Repeat until all walkway decks are drilled.

Construction of the model will start by first adding a few stainless steel walkway support details. In this kit you will find a group of walkway Supports (parts #9 & #10). Cut them apart so they resemble the trimmed parts in identifier illustration ST2. The "F" (#9) looking parts support the crossover platform on the articulated ends. Insert in holes and CA in place. The straight pieces (#10) are to be bent 90 degrees at "score" lines (inside of the bend) forming a "U" shaped support. These supports are CA'd in holes in the corner of each articulated end as shown in Diagram A. Repeat

until all articulated ends have four stainless supports on them.

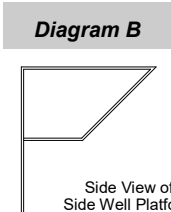


If adding our brass details kit #157, add them now per that kits instructions. Add remaining Athearn details to car with the exception of the brake wheel stands. Add any other details you may desire and paint the car your prototypes color or touch up paint if working with a pre-decorated car.

Adding Common Walkways

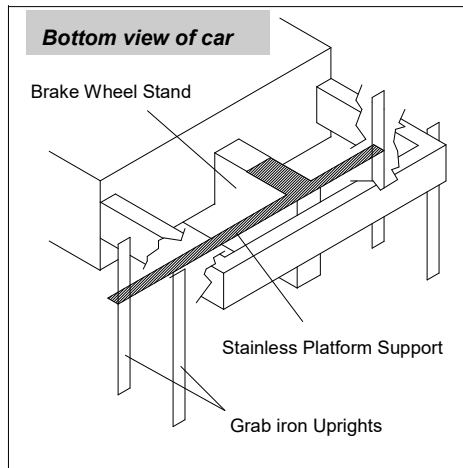
The main instructions on these stainless walkways, which applies to most of them, are: Look closely at both sides. On one side you should see small score lines where the legs meet the walkways. **THESE LINES ARE THE INSIDE OF THE BEND!** Using a pair of tweezers, bend the legs down 90 degrees. USE EXTREME CARE in making these bends. This stainless material is not forgiving when bending. If you bend it too much, the legs may break off. Please go slowly and carefully. Once legs are bent, using plastic walkways as a reference guide, place new walkways in their appropriate holes and CA in place.

EXTRA EXTRA CARE MUST BE USED on the side well walkways. First, you will find there are three different sizes of these side well platforms. There are eight short ones (#6), four medium ones (#5) and eight long ones (#7). The eight short and eight long go on the articulated ends and the four medium ones go on the A&B ENDS. (refer to plastic walkways for exact placement). Now, notice the legs on one side of these side well platforms are longer than those on the other side and the longer legs are divided into two sections. First, bend the short legs down 90 degrees. Next, bend the entire long leg down about 120 degrees so it angles back toward the short leg. Now bend the end section of the long leg up so it is perpendicular with the short leg. Carefully adjust so end of long leg meets the end of the short leg (not the bottom of mounting pin). From the end view it should resemble Diagram B. Place one of the end mounting pins in the hole next to the locator box or the platforms on articulated ends, the other two mounting pins against the inside edge of the well and the bottom of the long legs to the top of the well side. Adjust side platform so it is level and CA in place. Repeat on all ends.



Coupler Ends

After coupler end platforms (#1) are installed, attach brake wheel stands in appropriate location. When brake wheel stands are firmly attached, turn car over and position one of the new platform supports on the bottom of the brake wheel stand as illustrated in the drawing. Slide support up so the end 'wings' rest against the grab uprights. When centered,



CA to the bottom of the brake wheel stand. Turn car right side up, and CA 'wings' to uprights so they are level. Cut .020 X .030 styrene to the same length of each wing and cement to top of each wing of the support. Touch up paint. Insert Step Up Platforms (#2) in drilled holes on end of car and cement to top of new support when platforms are level. Repeat on other end and touch up paint.

Articulated Ends

The articulated end walkways have an EXCEPTION to the bending rule. The eight legs on this platform group can be bent against the score lines (outside of the bend). This will allow the dividing lines of the platforms to show. Bend legs down **slowly** and carefully, place in holes and CA in place. Other sections of walkway should set down over the painted risers added earlier. A dab of CA can be added to the risers to hold the walkways in place.

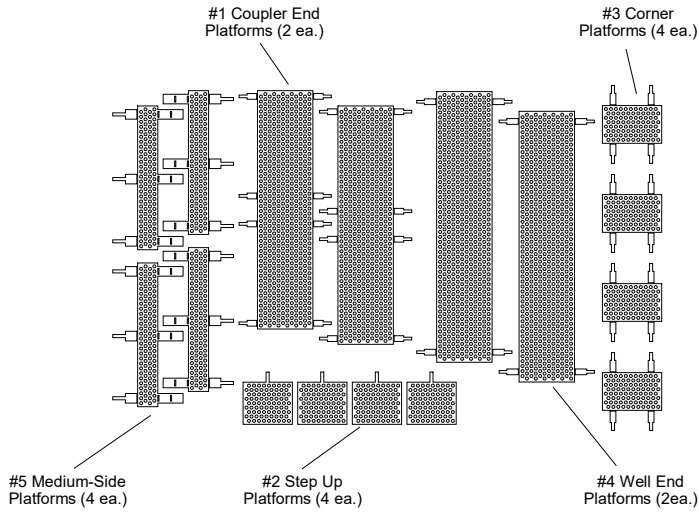
After all of the walkways are installed, the legs of the walkways should be touched up with paint to match the color of the car. Decal, weather if desired, over spray with a flat clear, add trucks and couplers and set on the ready track for use.

This should complete your Plano Model Products walkway detailed Athearn Maxi III. We hope you enjoyed adding our walkways to the car. Please see your local hobby dealer for all of our photoetched details or visit our web site at

www.planomodelproducts.com

Thank you and Happy Modeling!

Stainless Steel Walkway Parts Identifier / Illustration



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