

Instructions for adding Plano Model Products Walkway Kit #11063 to Atlas' ACF Pressure Aide Covered Hopper

Plano Model Products Pressure Aide walkway conversion kits are designed to replace the metal Apex pattern walkway and coupler platform on the Atlas Pressure Aide covered hopper models. Before starting, read through these instructions carefully and familiarize yourself with them.

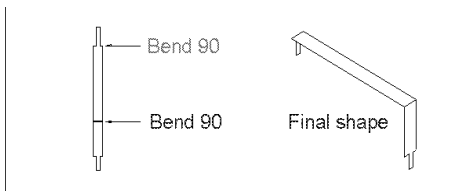
A couple notes before starting. On the brass parts to be bent, look closely at both sides. On one side you will see small score lines. At these score lines, bend the part carefully using a pair of tweezers. *These score lines are to be on the inside of the bend.* All parts are attached together to protect them from loss or damage. Carefully trim brass parts from framework to match diagrams to the right. Stainless parts should also be trimmed to match diagrams. **WARNING: ALL MATERIAL IN THIS KIT CAN BE VERY SHARP AND CLIPPED PIECES CAN FLY, WEAR EYE PROTECTION!**

Preparing car roof for new walkway

The Atlas metal walkway applied to the model is held in place with metal tabs that protude through the roof of the car. If you can remove the roof, unbend the tabs from the inside and push the metal walkway out and off the model. If you are unable to remove roof, clip metal walkway from car. The model also has plastic walkway supports cast right on the roof. While these could be used, brass supports are supplied in this kit to produce a prototypical look to your model. Remove these plastic supports flush with roof surface. Carefully fill and smooth all the holes in the roof. Cut out drill template on outer outline (dashed lines are cut lines if you have the roof removed from the car) and remove rectangle from center. Tape template to the roof of the car. Center cutout should fit down over hatch standoff and outer edges should be even on all sides. Using the supplied "T" pin, press a drill pilot point in each "+" tic mark on the template. Remove the template and using a #78 drill bit, drill a hole in each of the drill pilot points.

Preparing car for coupler platforms

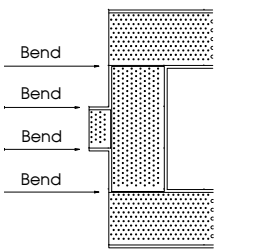
Carefully remove the plastic coupler platforms from the ends of the car. You will



need a smooth, flat surface to hold the new platforms. **DO NOT CUT** the stainless platforms apart yet! In the frame holding all the parts together, you will find three holes. Center these holes on the end of the car where you want the new platforms. Use the T pin to press a drill pilot point in each hole and drill a #78 hole in each pilot. Set parts aside.

Finishing roof for new walkway

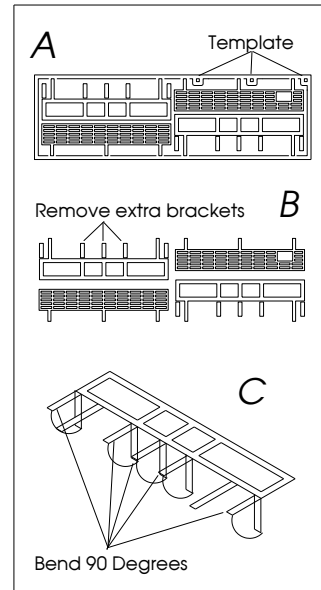
With the car assembled, it is time to start adding the new walkway. Start by bending brass supports into a "U" shape at the score lines mentioned earlier. Position the riser mounting pins in the previously drill holes and CA in place. Add the risers to all holes on both sides of the roof.



At this time, you may want to paint the car or touch up paint if you are working with a car that is already decorated.

Adding new walkway to roof

Positioning of new roofwalk can now begin. Remove extra metal from ends of walkway and set aside. Using a pair of needle nose pliers, slightly bend ends of roofwalk to match angles found of plastic roofwalk (see illustration below and look at prototype photos). *Note: The small score lines going across the roofwalk are to be on the top side - these represent the break from one*



panel to the next. Once ends are bent, place roofwalk on car, center on supports and CA in place. Some modelers have told us they use thin layers of clear Silicon II to attach metal walkways. It stays flexible. Attached to those extra end metal pieces you will find grab irons for the roofwalk.

Remove the grabs and glue into the holes in the appropriate corners of the walkway.

Adding Coupler Platforms

The final step is to add the coupler platforms. Cut the parts from the framework so they match those in diagram B. Slide the mounting pins of the platform frame into the holes drilled on the end of the car. Next slide mounting pins of a platform (hole is for "B" end) into these shared holes. (You may need to redrill to clean any paint out if you painted your car.) Square parts up and CA in place. Repeat on the other end of car.

This should complete the walkway details. The prototype walkways are often an unpainted galvanized metal so an overspray of clear flat should give a prototype look to the model. Finish car to your satisfaction.

We hope you enjoyed adding our product to your Covered Hopper. If you would like to know what other products we have to offer, please see your local hobby dealer about our line of photo-etched products or visit our web site at

www.planomodelproducts.com.

Thank you and happy modeling from

Plano Model Products!

walkway grab irons
grab iron mounting holes

