

Plano Model Products - ACF 4600 cf 3 Bay Covered Hopper Walkway kit for Accurail Model

This walkway kit is designed to replace the plastic walkway and coupler platforms cast onto the shell of the Accurail 3 Bay ACF 4600 cf covered hopper. Before starting, please read through these instructions and those supplied with the model. For prototype accuracy, we recommend obtaining prototype photos and any other information you can find on the car you wish to model. Spacing for the supports holding the walkway can vary from car to car.

Most of the parts in this kit are attached to a framework to protect them from loss or damage. Carefully trim parts from framework when instructed. **WARNING: THIS MATERIAL CAN BE VERY SHARP AND SMALL PIECES MAY FLY, PLEASE WEAR EYE PROTECTION!!!**

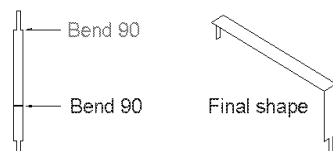
Preparing car roof

The biggest challenge to adding this kit to the Accurail car is removing the molded on walkway. The main walkway can be nipped away at the supports. The ends will take more work. Carefully file, sand, carve or what ever means you have to remove all remnants of the plastic walkway. Also use caution when trimming around end frame work. You will need to maintain an even shape of this frame. Also remove the cast on coupler platforms leaving a flat, smooth surface for new platforms to mount on.

Included in this kit is a paper drill template. This template consists of two lines (drill lines) with 'tic' marks as suggested drill locations. If your prototype has a different walkway support spacing, mark your spacing along these lines. As long as you drill somewhere on these lines, your brass supports should line up straight. The locations must be drilled in pairs (one on each line) to accept the supports provided. In the center of the template you will see a hatched box. Cut this box out to fit over the through hatch standoff. Cut out the template on the outer outline and tape to the roof of the car. All edges and corners should be aligned. Using the supplied T pin. Press a drill pilot point in the center of each tic mark. Remove template and drill a number #78 in each pilot point. Also, drill holes for coupler platforms. In the framework holding the new coupler platforms, you will see three drill template holes. Center these holes were you want the new platforms and drill #78 holes in the end of the car.

Adding supports

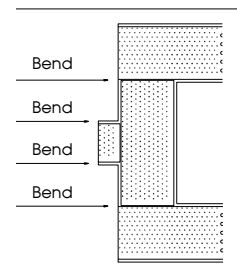
To bend supports to requires shape, look at both sides of parts for a small 'score' line. Carefully bend the



support at this score line forming an "L" shape. *The score line should be the inside of the bend!* The mounting pin on the other end of the support should be bent down 90 degrees in the same direction as the other leg of the support.

Adding new walkway

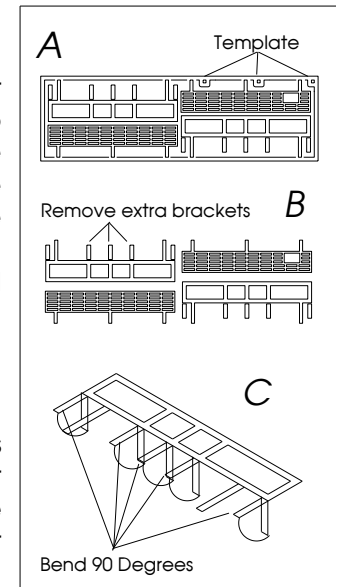
With car assembled, it is time to add new walkway. Position bent supports in previously drilled holes and CA in place. Add supports to all drilled holes in roof.



To prepare walkway to be added to car, first look at both sides. The walkways have etched lines to represent the different sections of the walkway. These lines are the top side of the walkway. The Morton and Gypsum walkways have side lips etched in and will face up to the top. Bend ends up over the roof to match plastic walkways. When walkway is formed and ready, center on supports and CA in place moving slowly from one end to the other.

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 completes our portion of this modeling project. Finish adding any other details you may desire. Touch up paint, place on ready track and ENJOY. Please see your local hobby dealer for more of our products. You can also visit our web page at www.planomodelproducts.com to see what we have available and then go to your dealer to pick up those items. Thank you for using our product and HAPPY MODELING!!