

Plano Model Products #096 - ACF Cylindrical Covered Hopper Walkway - Atlas Car

This stainless steel walkway is designed to replace the plastic walkway found on the Atlas ACF Cylindrical Hopper. Before the walkway can be attached to the car, there are a few items to add to the car to hold the walkway in place. Try not to destroy the plastic walkway as you may need to refer to it from time to time as a reference as to how new parts should look or be attached.

The first thing you will need to do is drill four holes to hold four of the new brass walkway supports. Cut the drill template out and position on one end of the roof. Line up arrows with end of roof and it should lay between the 'horizontal support ribs'. Drill a #78 hole in each "+" tic mark and repeat on other end of roof.

Clip brass walkway supports from their frame and bend to shape by bending inner flaps in 90 degrees to form right angle brackets. (Refer to plastic supports and Drawing A. When bending, use caution as some are left hand angles and some are right hand angles. Please note that there are two different supports in this kit: one has mounting pin on the bottom (BRS-1) and one does not (BRS-2). The BRS-1 with the pin on it goes in the drilled holes with the angles facing in to the center of the car - CA in place. The remainder of the brackets fit down in angled holes in roof. DO NOT FORCE INTO HOLES!!! We suggest applying a drop of liquid cement into hole and then place support (BRS-2) into holes while plastic is soft. Square brackets up and CA in place.

Next you will need to build a new end support framework to hold the end of the walkway. Using the supplied .040 X .020 styrene, cut two pieces to a length of 1.125" and four to a length of .625". The first two pieces (one each end) are to be glued to top - outside edge of the side ladders. The four shorter pieces (two each end) glue to the top of the end framework, the cross bar you just added, against the end of the first support (BRS-1) and about .875" apart. Cement in place. (Again refer to plastic walkway for additional clarifications).

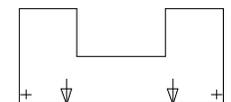
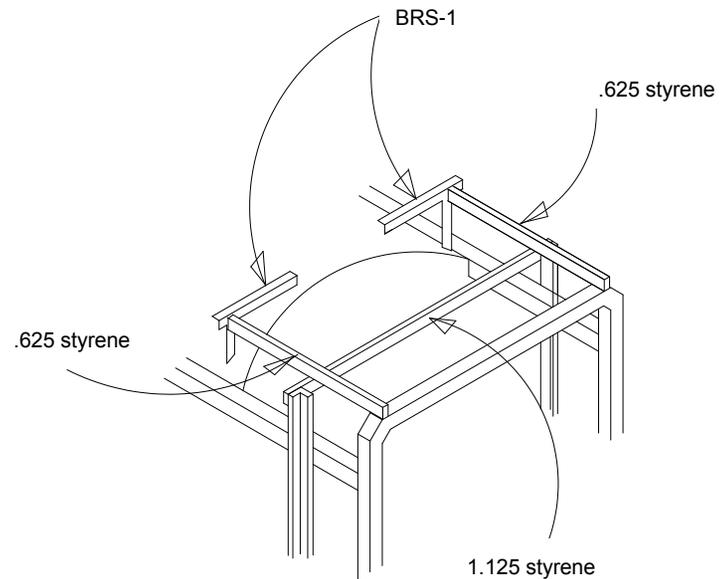
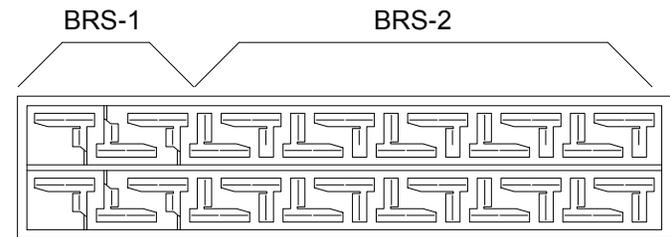
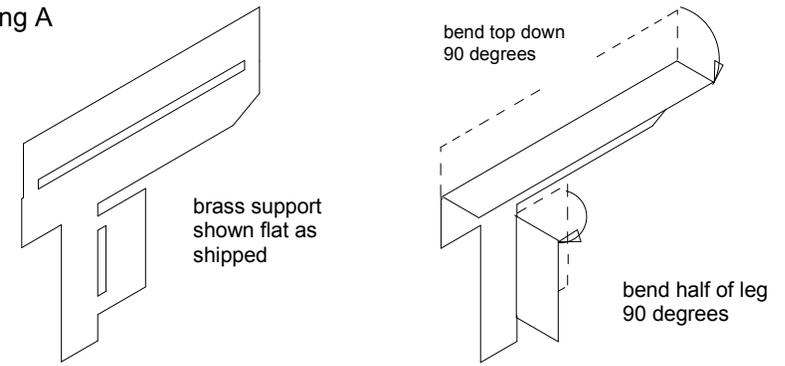
Touch up paint and allow to dry.

Finally it is time to add the new walkway. There is a top and bottom to this walkway. On one side you will find small half etch lines representing the break between walkway panels. These lines face up. Position walkway on car, square up and CA in place using CA sparingly. Work from one end to the other gluing to one set of supports at a time and allowing the cement to dry.

This should complete the addition of the new stainless steel walkway. We hope you enjoyed adding our walkway to your car. Please see your favorite hobby dealer for our full line of stainless steel model railroad details or visit us online.

www.planomodelproducts.com

Drawing A



Drill Template

Plano Model Products #096 - ACF Cylindrical Covered Hopper Walkway - Atlas Car

This stainless steel walkway is designed to replace the plastic walkway found on the Atlas ACF Cylindrical Hopper. Before the walkway can be attached to the car, there are a few items to add to the car to hold the walkway in place. Try not to destroy the plastic walkway as you may need to refer to it from time to time as a reference as to how new parts should look or be attached.

The first thing you will need to do is drill four holes to hold four of the new brass walkway supports. Cut the drill template out and position on one end of the roof. Line up arrows with end of roof and it should lay between the 'horizontal support ribs'. Drill a #78 hole in each "+" tic mark and repeat on other end of roof.

Clip brass walkway supports from their frame and bend to shape by bending inner flaps in 90 degrees to form right angle brackets. (Refer to plastic supports and Drawing A. When bending, use caution as some are left hand angles and some are right hand angles. Please note that there are two different supports in this kit: one has mounting pin on the bottom (BRS-1) and one does not (BRS-2). The BRS-1 with the pin on it goes in the drilled holes with the angles facing in to the center of the car - CA in place. The remainder of the brackets fit down in angled holes in roof. DO NOT FORCE INTO HOLES!!! We suggest applying a drop of liquid cement into hole and then place support (BRS-2) into holes while plastic is soft. Square brackets up and CA in place.

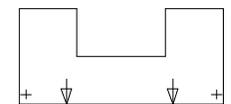
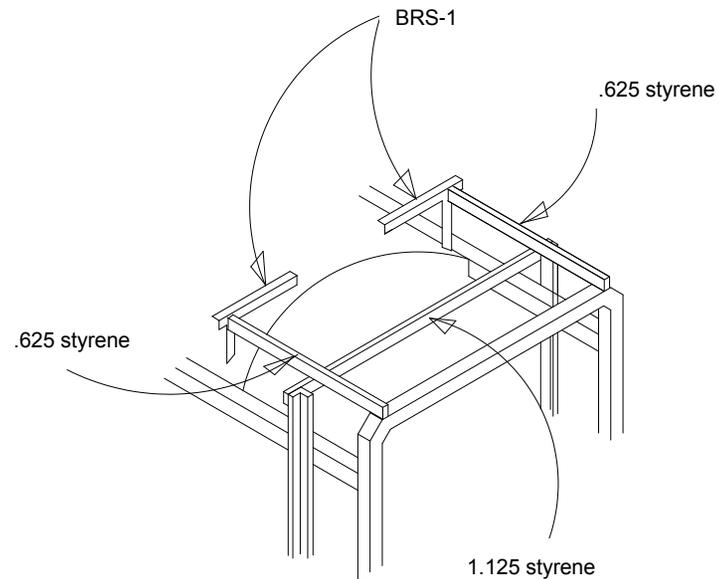
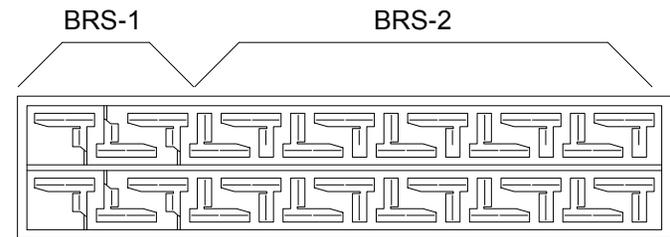
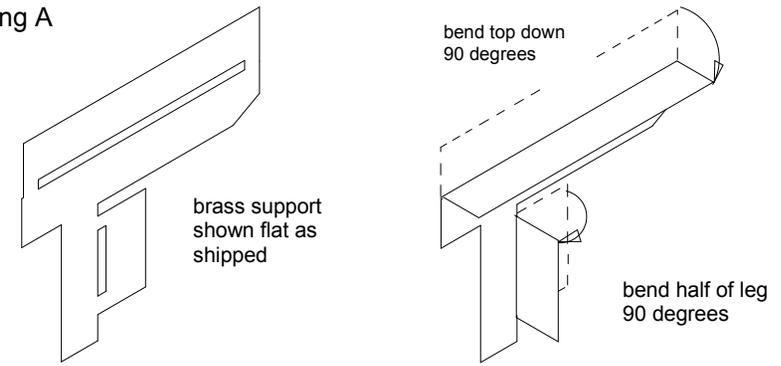
Next you will need to build a new end support framework to hold the end of the walkway. Using the supplied .040 X .020 styrene, cut two pieces to a length of 1.125" and four to a length of .625". The first two pieces (one each end) are to be glued to top - outside edge of the side ladders. The four shorter pieces (two each end) glue to the top of the end framework, the cross bar you just added, against the end of the first support (BRS-1) and about .875" apart. Cement in place. (Again refer to plastic walkway for additional clarifications).

Touch up paint and allow to dry.

Finally it is time to add the new walkway. There is a top and bottom to this walkway. On one side you will find small half etch lines representing the break between walkway panels. These lines face up. Position walkway on car, square up and CA in place using CA sparingly. Work from one end to the other gluing to one set of supports at a time and allowing the cement to dry.

This should complete the addition of the new stainless steel walkway. We hope you enjoyed adding our walkway to your car. Please see your favorite hobby dealer for our full line of stainless steel model railroad details or visit us online.

Drawing A



Drill Template