

# AFCO-Rail Adjustable Gate



## INSTALLATION INSTRUCTIONS



**AFCO**  
Columns and Railings  
a Division of AFCO Industries, Inc.

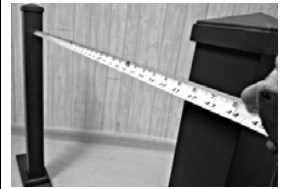
### TOOLS & ITEMS NEEDED:

Drill (with appropriate tools to predrill holes and or install hardware)  
Hand tools (to install required hardware, screw drivers, wrenches etc.)  
Hinges, Latches, and Gate locks (not provided, but sold separately)  
Level  
Miter Saw (with metal cutting blade)  
Tape Measure

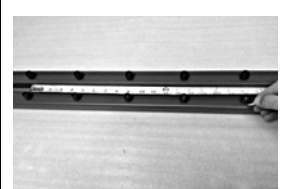
### NOTE:

*The 200 Series Deck Board Rail is not compatible with the Adjustable Gate Kit.*

1. Measure the width of the opening where the gate is to be installed. Subtract 5-1/4" from this overall dimension to determine the cut length for the top and bottom rails. The cut lengths of the top and bottom rails determined in this step are based on using hardware, hinges, latches etc., purchased from AFCO.  
*Note: An Adjustable Gate Kit and a 100 Series Level Rail Kit is required for the gate assembly.*



2. Place the top and bottom rail on a level surface, align baluster connectors and determine where the center of the gate will be. (Baluster on center or space on center). After determining the centerline, measure from that point, half the distance calculated in step 1 towards each end of the top and bottom rail and place a mark.  
*Note: A minimum of 1 5/8" is required from the rail ends to the center of the first balusters on each end to allow for bracket clearance. Baluster connectors may require removal to properly install brackets.*



3. Start assembling gate by inserting balusters over the baluster connectors on the top rail. With the top rail on a protective surface, firmly tap each baluster with a rubber mallet to ensure the balusters are fully seated.



4. Attach balusters to bottom rail starting at one end and working to the opposite end. Stand unit upside down and firmly tap the bottom rail with a rubber mallet to secure the balusters in place.



5. Locate bottom brackets in the Adjustable Gate Kit and slide each one onto the ends of the bottom rail with the counter bore holes up and facing toward the balusters.






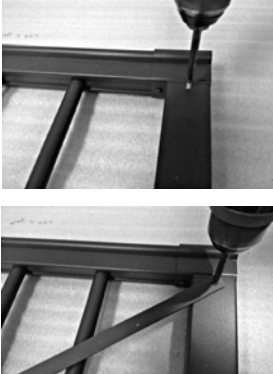

6. Locate the two side post assemblies from the Adjustable Gate Kit and insert each post assembly onto the top rail of the gate assembly allowing the bottom rail to hang freely.



7. With the gate assembly hanging between the posts, place a mark on each of the posts at the point where the lowest part of the bottom bracket ends. Now remove the posts from the gate assembly and cut at the marked locations.



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<p>8. Re-install the posts cut to the correct length to the gate assembly and position the bottom brackets centered against the posts. Secure each bottom bracket to the post with 2 each of the provided # 10 x 1" non-painted self-drilling screws.</p>	
<p>9. Ensure the bottom rail is fully inserted into the installed bottom bracket against post, and install 1 each of the #8 x 3/4" painted head screws through the underside of the bottom brackets also piercing through the rail to secure in place (Pre-drilling is recommended).</p>	
<p>10. Position the top of the post assembly over the top rail so that the baluster is parallel to the post and install 1 each of the #8 x 3/4" painted head screw to the underside of the top post brackets through the locating hole, piercing into, and securing the top rail in place.</p>	
<p>11. Now install the flat strap braces by placing the gate assembly on a flat work surface. Remove the side mounted screws from both of the post caps on the same side which hold the post caps in place. Place the hole on one end of each strap over the hole of the removed screw in an "X" pattern to the opposite bottom corners of the gate assembly. Mark, cut and pre-drill holes in the braces (if required), so the brace attaches at the bottom of each opposite side post (as shown in the below assembly photo of step 13). Re-install the screws through the braces and post caps and install a screw in the "X" brace at the bottom of the post using the provided #8 x 3/4" painted head screws.</p>	
<p>12. Install 1 ea. of the #8x3/4" painted head screws through both "X" braces and into the baluster with the provided stainless washer placed between the braces and the baluster. (Pre-drilling is recommended) If "X" braces do not cross at a baluster use two screws going through each of the balusters and the brace.</p>	
<p>13. Place gate into position as required and install necessary hardware (hinges, latch, locks etc.) and ensure all mechanisms operate as required. Note: Illustration is an adjustable gate assembly with hinges installed on the left, a latch installed on the right, between two posts.</p>	