



Premier Railing & Stair Kit

Assembly and Installation Instructions

PLEASE READ OWNER'S MANUAL COMPLETELY
BEFORE ASSEMBLING YOUR RAILING KIT.

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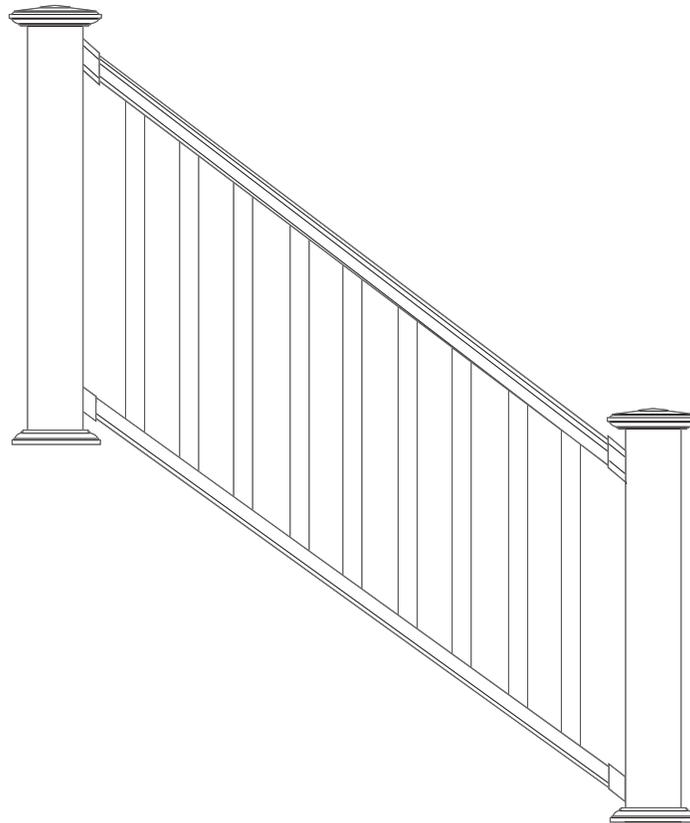
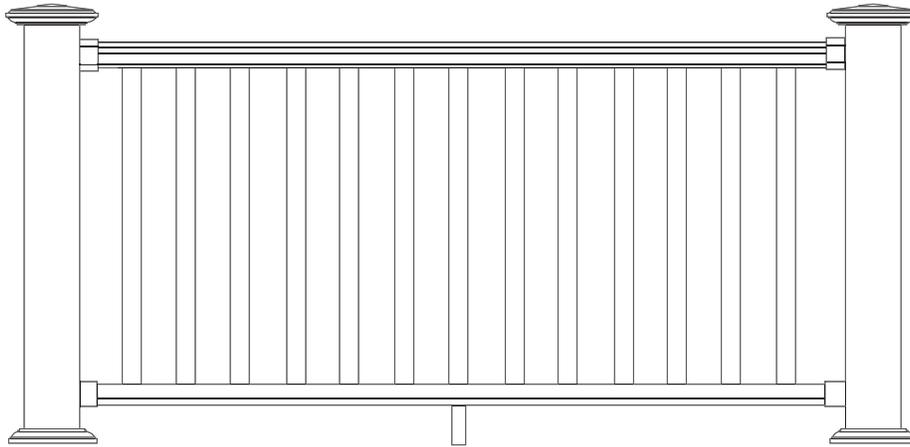
Models

73012442 / 73012443 / 73012444
73012445 / 73012446 / 73012447
73012448 / 73012449 / 73012450
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73013195 / 73013180 / 73013183
73013181 / 73013178 / 73013179
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Owner's Manual

Version

5.0



Please read these instructions carefully before installing your Barrette railing. If you have any questions or issues installing the railing, please contact us at 1-800-336-2383 for assistance.

Before You Begin...

Check your local zoning laws.

- Local zoning laws and Home Owners Associations may regulate the location, style and height of your fence or even require a permit signoff beforehand.

Contact your local utilities companies.

- You must have the utility companies clearly mark your property for electrical, gas or water lines to avoid puncturing any unseen underground utilities.

Pay to mark your property line.

- Being proactive will save you time and money from any disputes from neighbors.

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7830 Freeway Circle
Middleburg Heights, Ohio 44130

Material Checklist:

- Tape Measure
- Level
- Hacksaw or Chopsaw
- Rubber Mallet
- Drill
- Drill bits
- #2 square drive bit

ATTENTION: Before you assemble the rail:

PLEASE TAKE A COMPLETE INVENTORY OF ALL PARTS USING THE KIT CONTENTS.

DO NOT ATTEMPT TO ASSEMBLE THE RAIL IF PARTS ARE MISSING OR DAMAGED.

Please do not return the product to the store, for assistance or replacement parts call:

1-800-336-2383

***2 PERSON INSTALLATION RECOMMENDED**

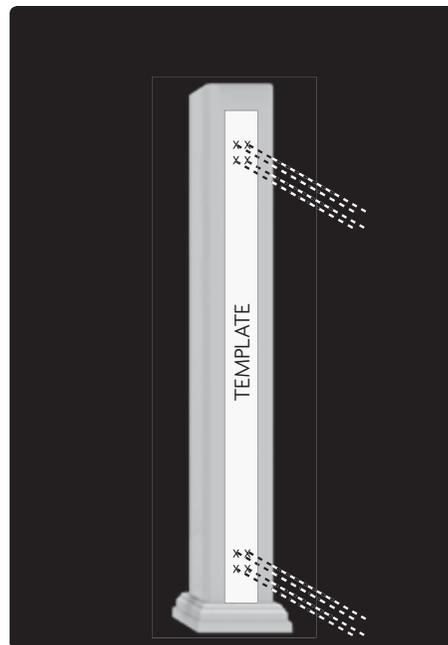
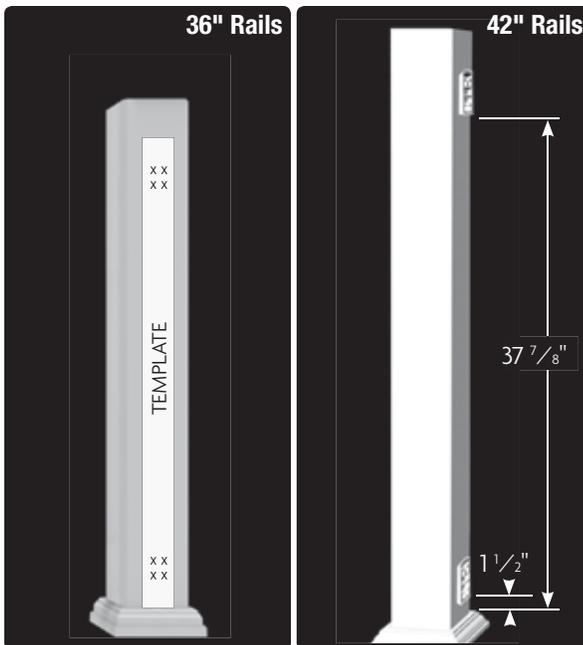
For Railing:

- Closely follow post install kit installation instructions (or sleeve existing wood 4x4). (Instructions included with post install kit, sold separately)

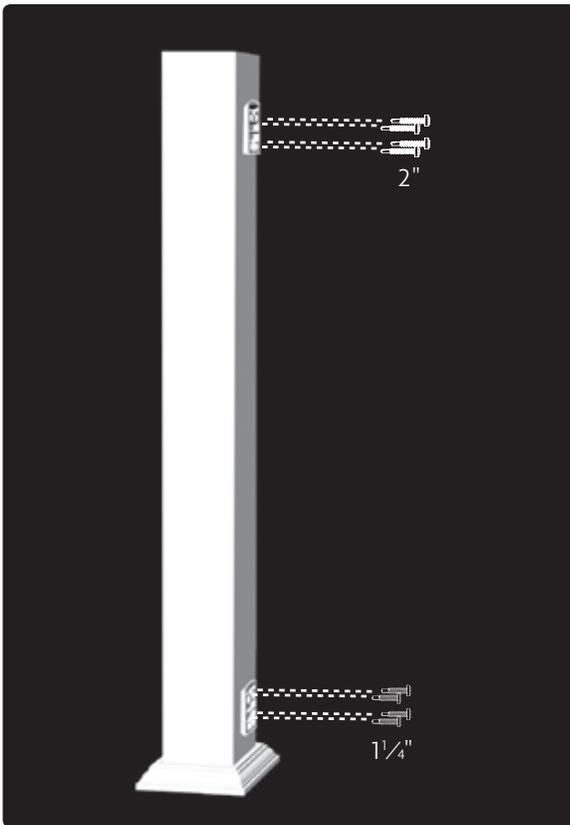
Bracket Dovetail Installation

- Install base trim over post sleeves first. For 36" high rails, place bracket dovetail install template against the post sleeve against the base trim and rubber band it in place. For 42" high rails, top bracket dovetail will install $37\frac{7}{8}$ " from the top of base trim and bottom bracket dovetail will install $1\frac{1}{2}$ " from top of base trim.

- With a $\frac{1}{8}$ " drill bit, pilot drill the holes for the top and bottom brackets as shown. Remove template (if used).



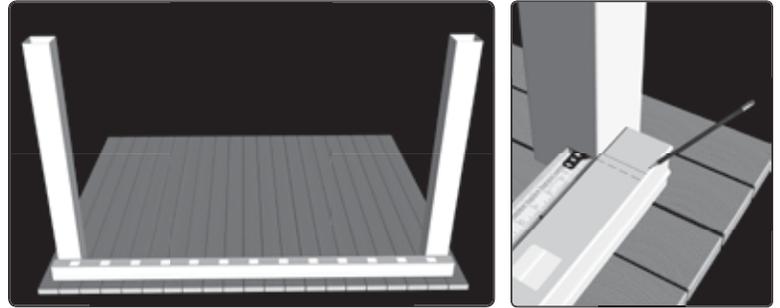
- 4** Use 2" screws to attach top bracket dovetails. Screws must penetrate the steel insert (if using steel surface mount). Use 1 1/4" screws to attach bottom bracket dovetails.



Cut Rails to Length

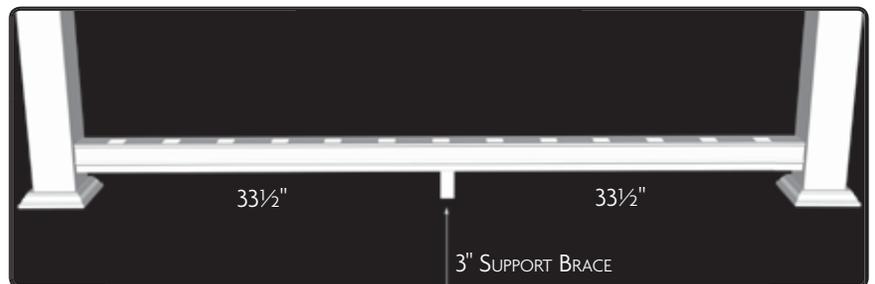
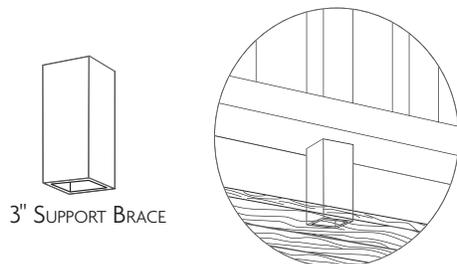
- 5** Place bottom rail across post opening leaving equivalent spacing from the last baluster and post on each end. Mark 1/2" from end of post to allow room for bracket width and expansion. Align top rail with bottom rail and cut both rails with miter box or hacksaw (See blade manufacturer's specs for correct blade)

Note: You will have to cut through an aluminum insert in the top rail of an 8' section.



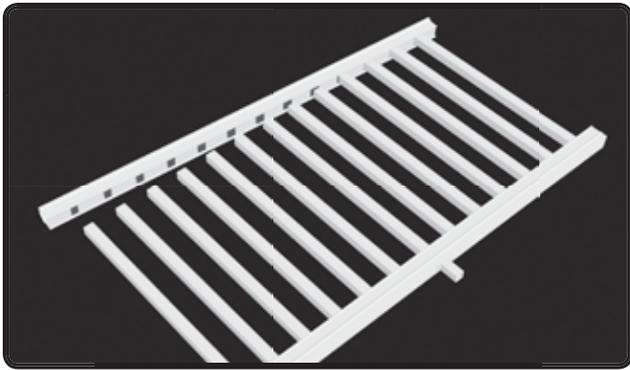
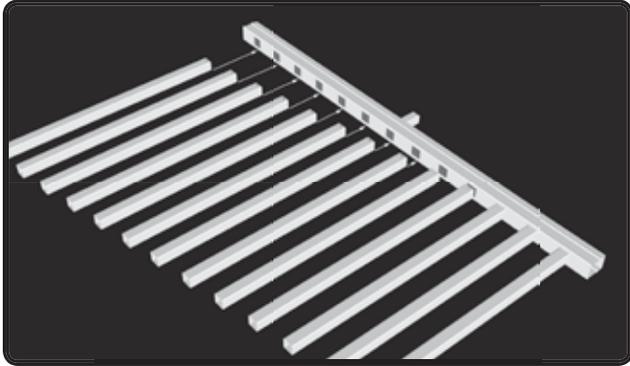
Install 3" Support Brace

- 6** 1 support brace is included with 6' railing kits. Measure equal distance from both ends of railing and install support brace in center of bottom rail. (For 67" rail, install center of support brace 33 1/2" from ends of rail.)
- 2 support braces are included with 8' railing kits. Measure length of rail, divide by 3 and measure that distance from the end of our railing to the center of your first support brace and install support brace. Repeat that step from the opposite side of your rail. (For 91" rail, divide 91" by 3 (=30 1/2") install center of both support braces 30 1/2" from their respective ends.)

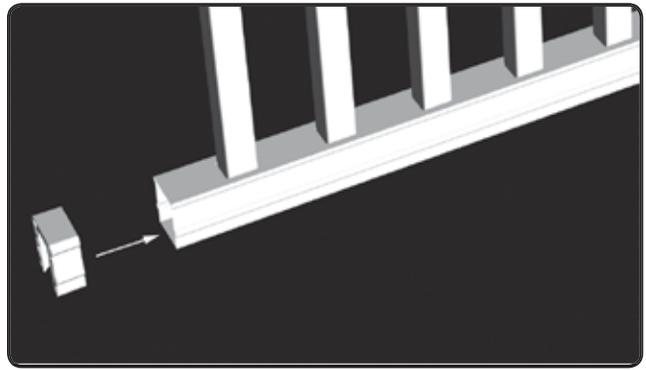
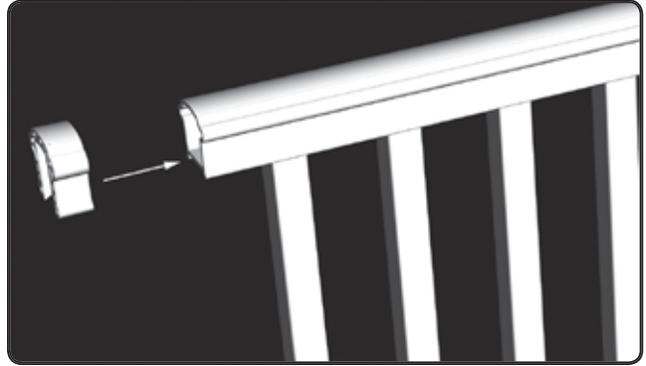


Assemble Railing Section

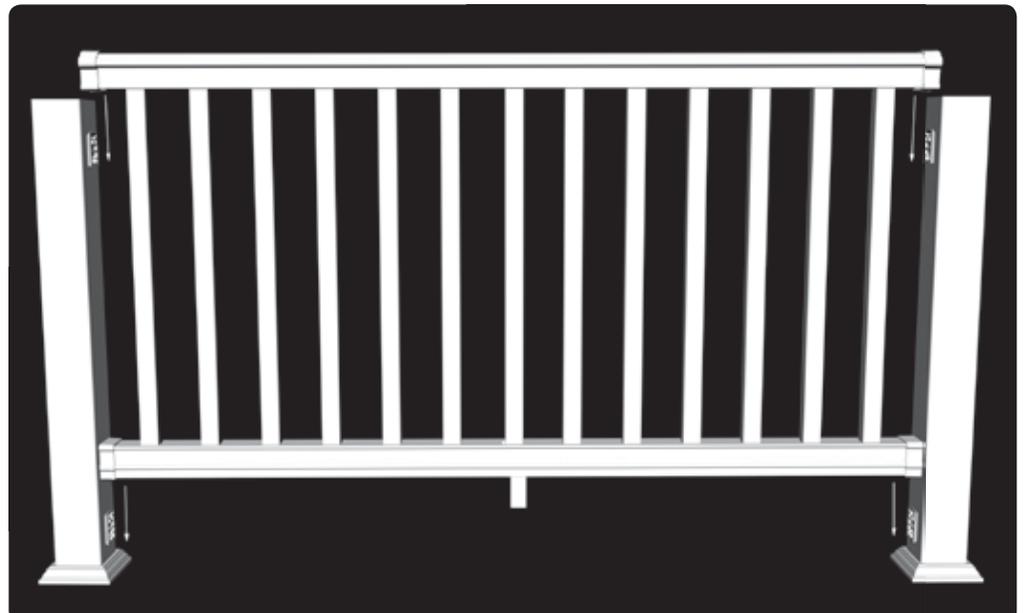
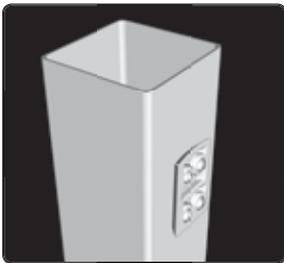
7 Lay bottom rail on a clean smooth surface and snap balusters into routed holes. Then repeat the process to connect the top rail.



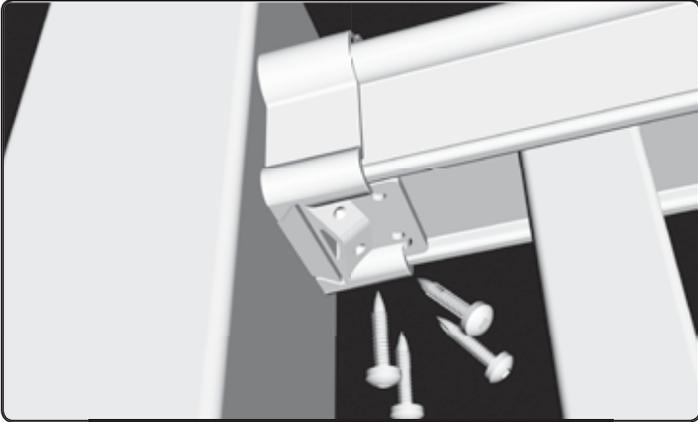
8 Slide brackets onto ends of rails (top and bottom).

**Hang Assembled Rail Section onto Dovetails**

9 For railing sections using aluminum balusters the installer will have to carefully hold top and bottom railings together to make sure section does not separate. (Aluminum balusters do not come with lock tabs)



- 10** Install four 2" screws through the bottom of the top rail brackets into handrail. Pre-drill all four holes with a 5/32" drill bit. Install the first two screws straight (90 degrees) through the pre-drilled holes in the bottom of the bracket. Install the next two screws at 45 degrees through the brackets into the post, starting with the dimples on the bottom of the top rail bracket.



- 11** For angled rail installation other than at 90 degrees or 180 degrees, purchase left to right angle brackets. Follow previous steps.

During step 2 install bases at respective heights instead of dovetails.

During step 5 mark approximately 2" from the end of the post to allow for bracket clearance and expansion. (This distance may vary depending on individual installation.)

After step 10 slide provided pins in top/bottom angle brackets to lock angle brackets to base.

For Stair Railing:

This guide outlines installation methods for installing Premier Railing stair kits in a variety of angles.

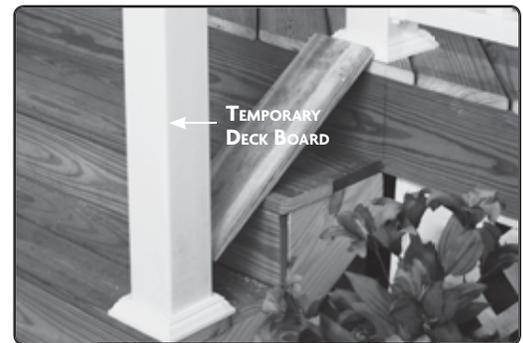
It is very important to identify the angle of your stairs, as the installation methods vary depending on what angle the stair is.

Within the following steps, be sure to pay close attention to the placement and utilization of the "stair angle template" to ensure you mark and cut your rails correctly, and note orientation of all brackets and railing in the supporting images.

- 1** Closely follow Post Install Kit installation instructions (or sleeve existing wood 4x4 with Post Jacket)

- 2** Temporarily secure a deck board (5/4") to your stair treads to determine the spacing between the nose of the stairs and your bottom rail.

- 3** Place bottom rail on board and center the routes between posts making sure to leave equal distance from baluster route to post on both top and bottom. Mark the bottom rail using inside edge of posts.



4 Measure angle – take rail to chop saw and measure angle. Set saw and record angle. (NOTE: Do not cut here. This is for acquiring measurements.)

- If angle is 31-33°, then go to Step 5
- If angle is <31°, then skip Step 5 and proceed to Step 6
- If angle is >33°, then skip Step 5 and 6, and proceed to Step 7

5 For angles 31-33°

- From the original line created by the post, mark another line 11/16" on the inside of the bottom rail (closer to the baluster routes). This is accomplished by using the angle template.

- This additional removal of material will allow for bracket clearance when the rail is installed. For this 31-33° angle, the new line will be parallel to the previously drawn line.
- Chop saw should already be set at 32°
- Cut the bottom rail on the new mark at a 32°. **(NOTE: If your cut will result in a baluster route hole being cut through, repeat Step 3 and add/subtract a baluster route hole, re-center, mark and proceed to Step 4.)**
- Go to Step 8.

6 For angles 26-31°

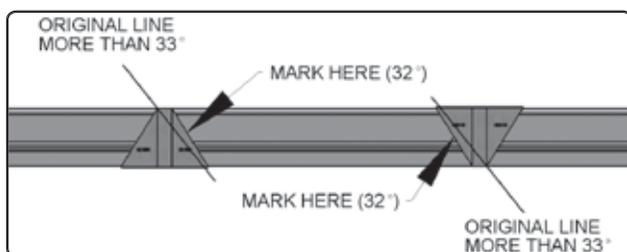
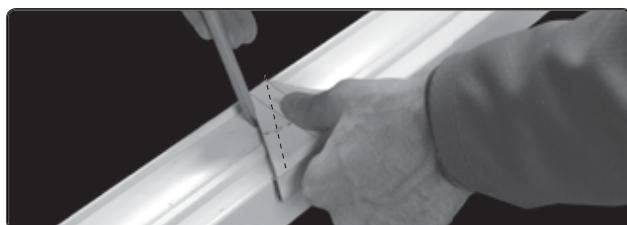
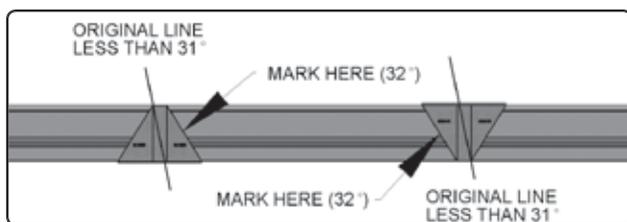
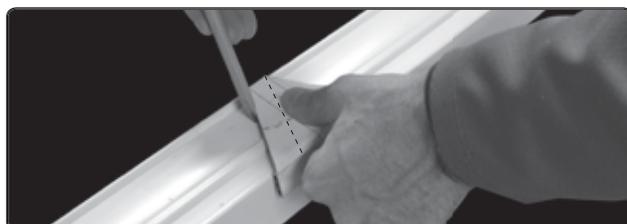
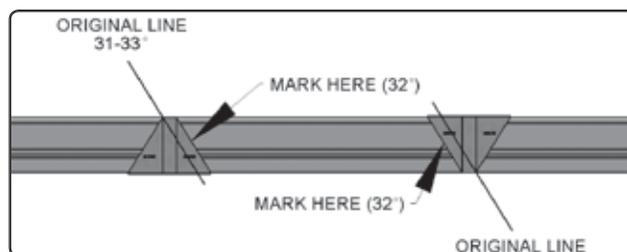
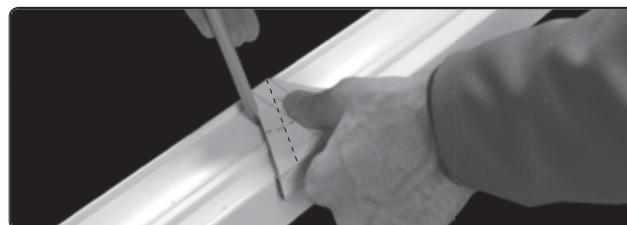
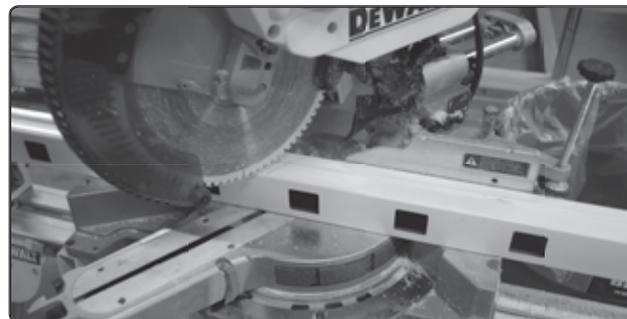
- From the original line created by the post, mark another line 11/16" on the inside of the bottom rail (closer to the baluster routes). This is accomplished by using the angle template.

- This additional removal of material will allow for bracket clearance when the rail is installed. For this 26-31° angle, the new line will **NOT** be parallel to the previously drawn line.
- Set chop saw at 32°
- Cut the bottom rail on the new mark at a 32°. **(NOTE: If your cut will result in a baluster route hole being cut through, repeat Step 3 and add/subtract a baluster route hole, re-center, mark and proceed to Step 4.)**
- The rail will not match the angle of the stair, but instead match the inside of the bracket. The outside of the brackets will be cut to the proper angle in Step 11.
- Go to Step 8.

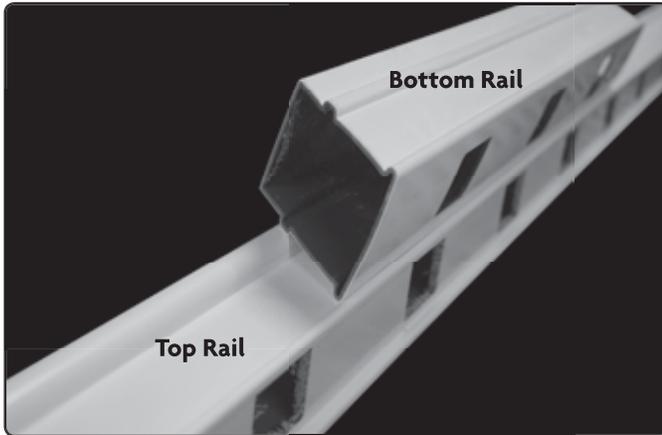
7 For angles 34-38°

- From the original line created by the post, mark another line 11/16" on the inside of the bottom rail (closer to the baluster routes). This is accomplished by using the angle template.

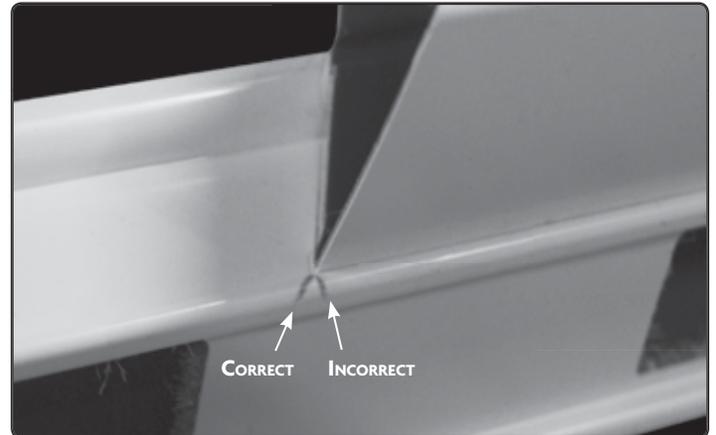
- This additional removal of material will allow for bracket clearance when the rail is installed. For this 26-31° angle, the new line will **NOT** be parallel to the previously drawn line.
- Set chop saw at 32°
- Cut the bottom rail on the new mark at a 32°. **(NOTE: If your cut will result in a baluster route hole being cut through, repeat Step 3 and add/subtract a baluster route hole, re-center, mark and proceed to Step 4.)**
- The rail will not match the angle of the stair, but instead match the inside of the bracket. The outside of the brackets will be cut to the proper angle in Step 11.
- Go to Step 8.



- 8** Place top rail flat on table as shown. Lay the cut bottom rail on top of the top rail, with the routed holes facing in the same direction. Line up the routes.



- 9** Mark the top rail (using the bottom rail and a steel rule as a guide) to the top edge of the rail as shown by the arrows. Make sure to extend the line out at the angle to the edge of the rail (mark line on "bump" of bottom of top rail on angle, not straight down). Cut the top rail to the lines using the chop saw set to 32°



Make sure bottom of rails are flush against saw fence.

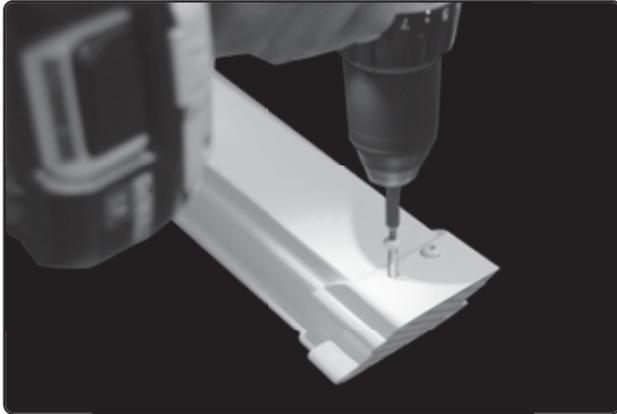


For angles 31-33° go to Step 12

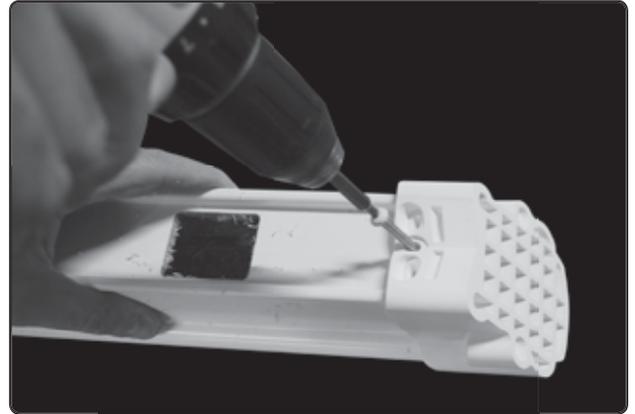
For angles 26-31 and 33-38 go to Step 10

10

Place brackets on bottom rail, securing with 2 screws per bracket (#10 x 1") as shown. Then, place brackets on top rail, securing with 1 screw per bracket (#10 x 1") as shown.



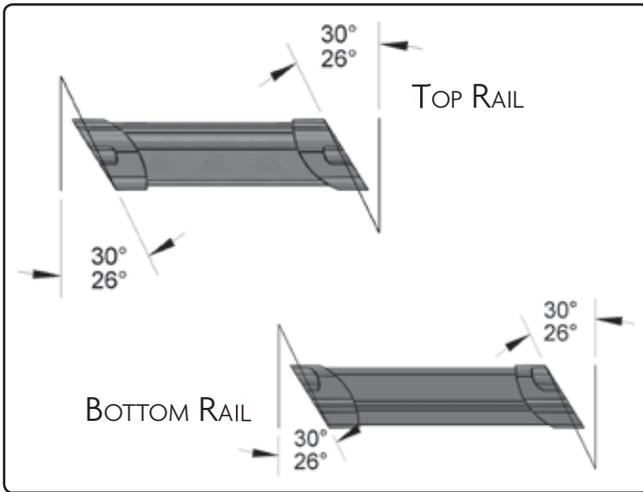
BOTTOM RAIL



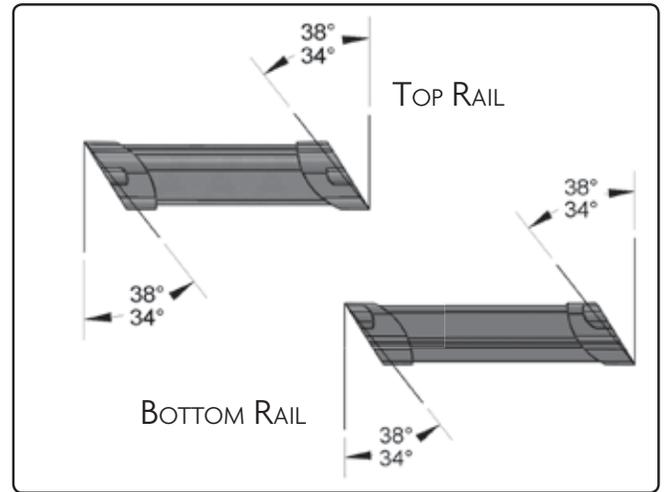
TOP RAIL

11

Set chop saw to stair angle and carefully cut all four brackets as shown. Be particularly careful to cut from the proper side of the bracket, depending on your angle. Cut smallest amount of bracket possible to get the correct angle on bracket (feather to edge).

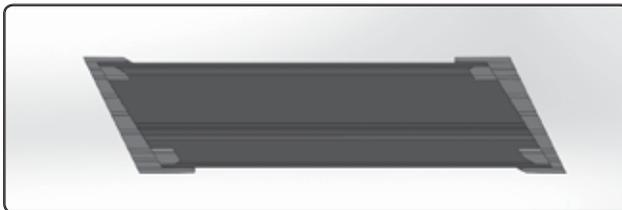


<31°

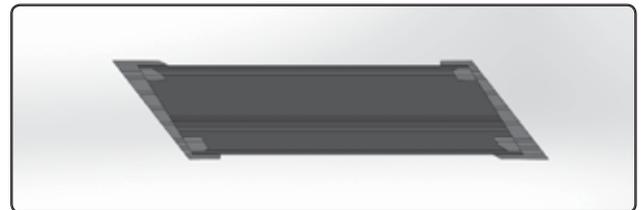


>33°

The cuts outlined above give you the results below. The angle cut on the rail matches the inside of the bracket (32°). The bracket outside cut matches the installation angle.



<31°

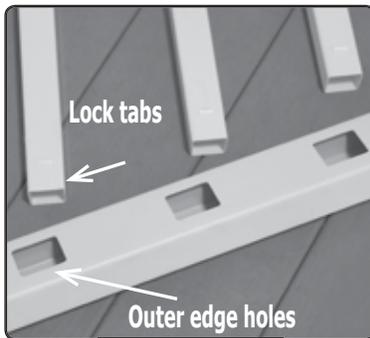


>33°

Once the brackets have been cut to the proper angle, remove the screws from underneath the rails holding the brackets to the rails (from Step 10). This allows the rails to "float" in the brackets during assembly.

12 Assemble your stair railing section

- Lock tabs on baluster/spindle must face outer edge of routed holes in rails.
- Assemble your stair section by snapping balusters/spindles in rails.



- Place brackets on ends.
- Place assembled stair rail between posts on spacer board.

13 Make sure rail brackets are centered on posts. Drive two (#10x2") mounting screws into brackets and into posts, starting with the bottom rail. Repeat for each bracket. Screw holes are angled inwards to provide clearance for the drill chuck. Removal of the bottom stair tread is not required.



14 Two screws (#10x1") per bracket are driven under the top rail. Holes are angled to allow an extension bit to clear balusters. **(NOTE: screws are not required in the bottom of the bottom rail.)**





Transferable Limited Lifetime Warranty

What is covered: Barrette Outdoor Living warrants vinyl and aluminum products to include; vinyl and aluminum fence, vinyl and aluminum railing and plastic lattice against defects or workmanship for as long as you own your home. Barrette Outdoor Living will at its option replace the product in question with new product of the same or equivalent value at no charge. Barrette Outdoor Living warrants these products against peeling, flaking, splintering, corrosion, rusting or abnormal discoloration under normal use and service per ASTM D 2244. This warranty extends to the original purchaser or transferee as specified herein on the products noted above. Separate and distinct warranties for hardware and other products are not covered under this warranty.

What this warranty does not cover: This limited warranty does not cover damage resulting from accident, unreasonable use, neglect, alteration, improper service, improper installation, acts of God or any other causes not arising out of defects in materials or workmanship. Additionally, this warranty does not cover costs of installation, removal, reinstallation or surface mold and mildew created by excessive environmental conditions. Any service or repair provided outside the scope of this limited warranty shall be at Barrette Outdoor Living's rate and terms then in effect.

What do we do to correct the problems? Should your Barrette Outdoor Living product prove defective under warranty, reference the website or call the phone number listed below. Your problem will be assigned a tracking number and an authorized Barrette Outdoor Living representative will contact you to arrange a convenient time to schedule an onsite inspection, or request pictures, if need be. If after inspection product is deemed to be manufacturer defect we will make arrangements to rectify the issue. You must have proof of your purchase in order for the problem to be corrected.

Transferee Coverage: Warranty coverage will be extended to one transferee on the above listed products with the following limitations. Transferee must obtain an original or copy of the initial sales receipt (with proof of date) from the previous owner(s). Additionally, if fence is purchased from a builder or installer, documentation must be supplied that names the product installed on property and date of transfer.

THIS WARRANTY IS IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THE PART OF Barrette OR ITS LICENSORS, SOME STATES DO NOT ALLOW THE EXCLUSIONS OF IMPLIED WARRANTIES OR LIMITATIONS OF HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. IF THE PRODUCT IS DEFECTIVE PER THE ABOVE COVERAGES, YOUR SOLE AND EXCLUSIVE REMEDY SHALL BE REPAIR OR REPLACEMENT AS PROVIDED ABOVE. BARRETTE AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES, LOSS OF USE, LOSS OF PROFITS OR INTERRUPTION OF BUSINESS WHETHER SUCH ALLEGED DAMAGES ARE BASED IN WARRANTY, TORT, CONTRACT, OR INDEMNITY. SOME STATES DO NOT ALLOW THE EXCLUSION OF LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. This warranty is valid only in the United States and Canada.

**Refer to www.BarretteOutdoorLiving.com for specific details about warranty limitations.
1-800-336-2383**

