



# Select Rail & Stair Kit

*Assembly and Installation Instructions*

PLEASE READ OWNER'S MANUAL COMPLETELY  
BEFORE ASSEMBLING YOUR RAIL OR STAIR KIT.

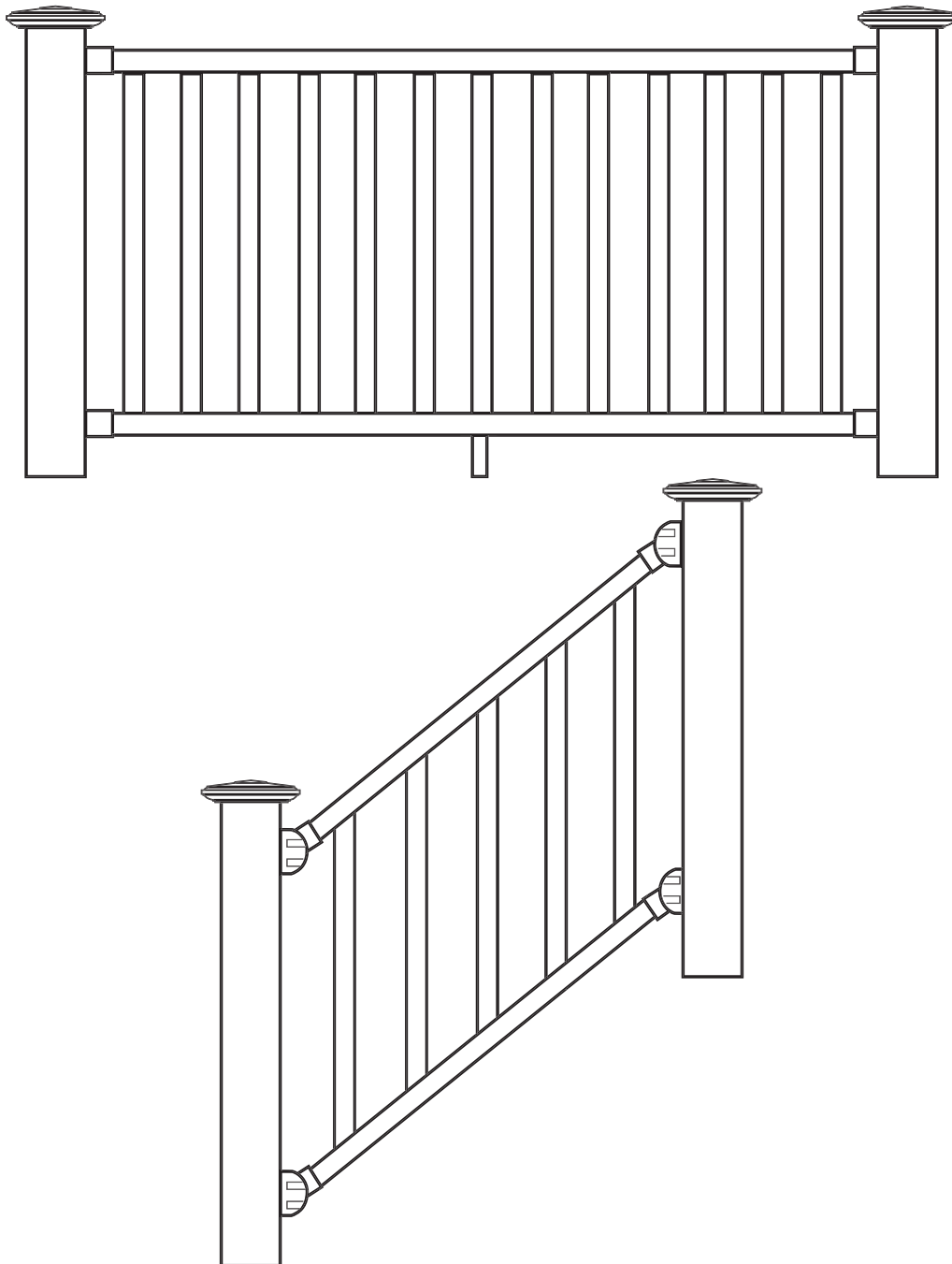
**Models**

73012418 / 73012436 / 73012424 / 73012438  
73012430 / 73012440 / 73012458 / 73012464  
73012420 / 73012426 / 73012432 / 73012460  
73013285

**Owner's Manual**

**Version**

**2.0**



Thank you for choosing the Barrette Outdoor Living Select Rail or Stair Rail Kit. Please read the instructions completely before assembling your kit. Retain manual and your dated sales slip for future reference and warranty claims.

**Before You Begin...**

Make sure your project meets local building codes before beginning installation.

**2 person installation recommended**

**Material Checklist:**

- Tape Measure
- Level
- Hacksaw or Chopsaw
- Rubber Mallet
- Drill
- Drill bits
- 3" Wood Blocks
- Pencil

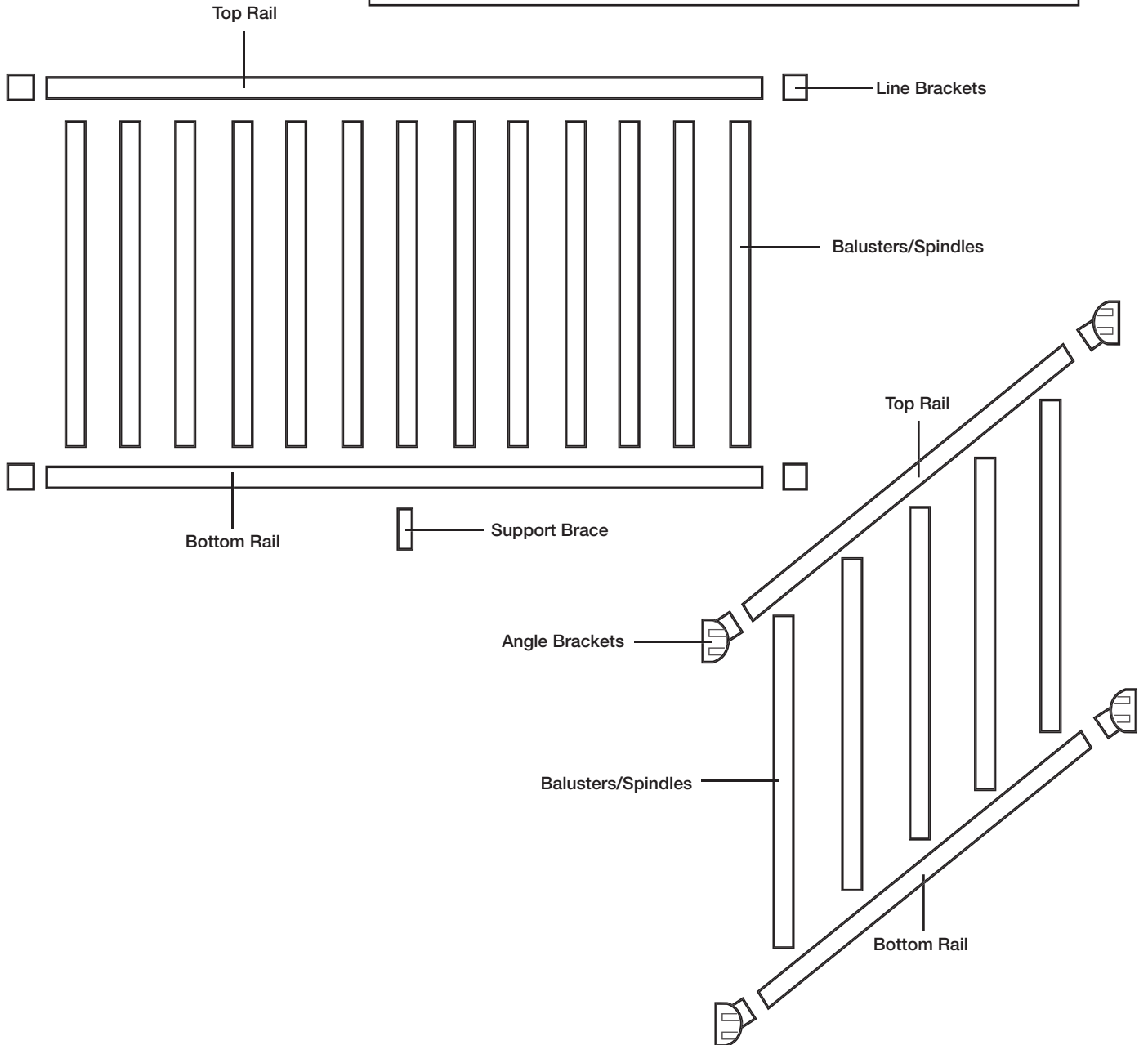
**ATTENTION: Before you assemble the kit:**

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

**DO NOT ATTEMPT TO ASSEMBLE THE KIT 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**



## For Vinyl Railing Installation:

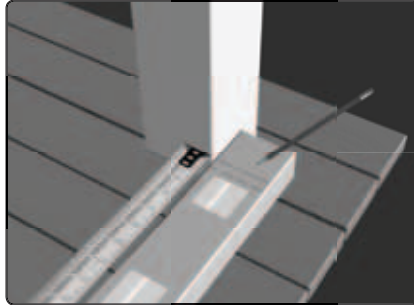
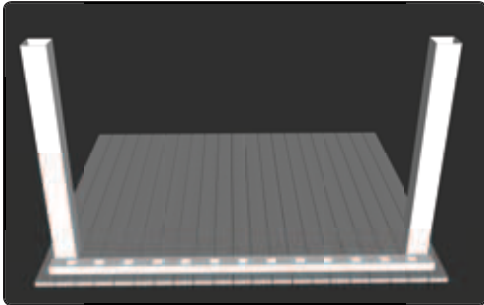
### Post Installation

- 1** Closely follow post installation instructions (or sleeve existing wood 4x4)

### Cut rails to length

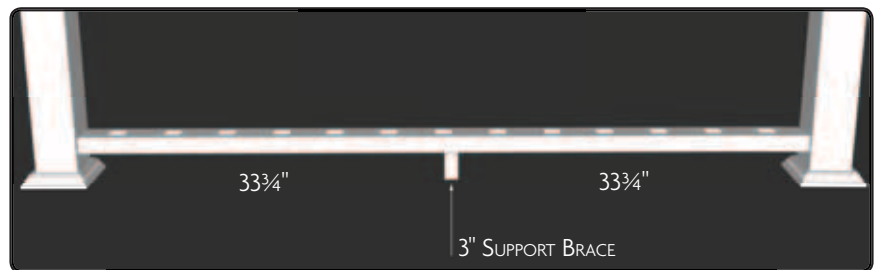
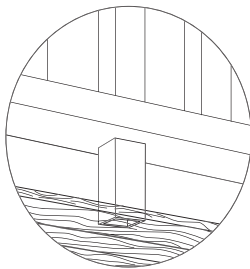
- 2**
  - a. Place bottom rail across post opening leaving equivalent spacing from the last baluster and post on each end
  - b. Mark  $\frac{1}{4}$ " from end of post to allow room for bracket and expansion
  - c. Align top rail with bottom rail and cut both rails with miter box or hacksaw (see saw blade manufacturer's specs for correct blade)

**Note: you will have to cut through an aluminum insert in the top rail**



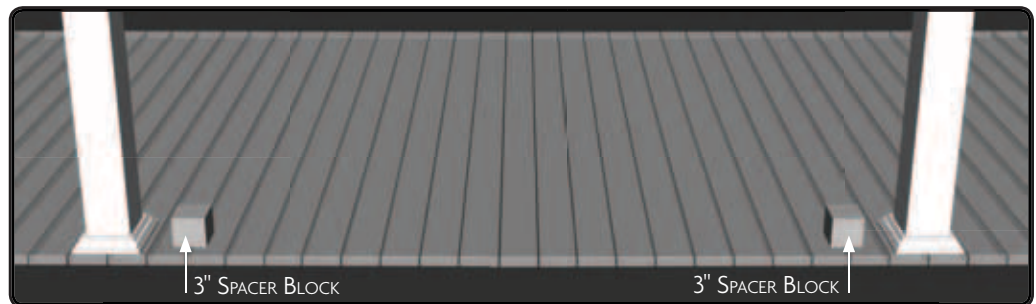
### Install 3" support brace

- 3**
  - a. 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 1/2" rail: install center of support brace 33 3/4" from ends of rail**
  - b. 2 support braces are included with 8' railing kits. Measure length of rail, divide by 3 and measure that distance from your rail to the center of your first support brace and install support brace. Repeat that step from the opposite side of your rail.  
**For 92" rail: divide 92" by 3 (=30 2/3"); install both support braces 30 2/3" from their respective ends**



### Spacer Blocks

- 4** Cut two 3" temporary wood spacer blocks (not included) to insert under ends of railing sections to temporarily assist in aligning railing section.

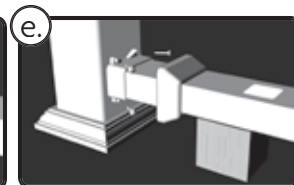
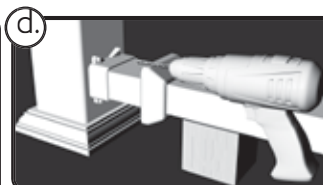
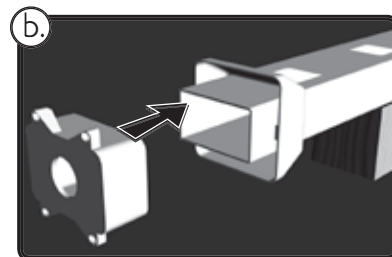


### Identify Top & Bottom Rails

- 5** For 6' and 8' models, the top rail is reinforced with an aluminum insert, while the bottom rail is hollow.  
For 10' models, both the top and bottom rail have aluminum inserts.

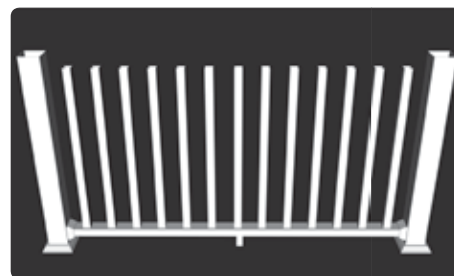
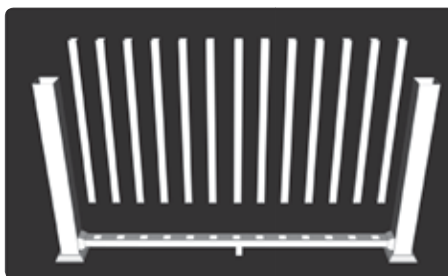
### Installing Bottom Rail

- 6**
- Slide rail bracket cover onto ends of railing.
  - Place brackets onto both ends of bottom rail (make sure to use brackets without side holes)
  - Slide bottom rail in between posts and rest on top of wood spacer blocks
  - Using  $\frac{5}{32}$ " drill bit, pre-drill first bottom bracket screw hole. On angle, drill through bracket hole, vinyl post jacket and vinyl insert.
  - Then drive the first #10 x  $1\frac{1}{4}$ " screw through bottom bracket into post
  - Repeat steps c&d for the remaining three screws for the first bottom bracket
  - Repeat steps c-e for the second bottom bracket
  - Snap covers over exposed brackets to hide screws



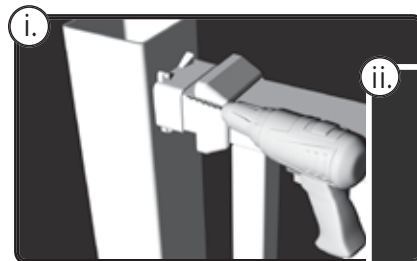
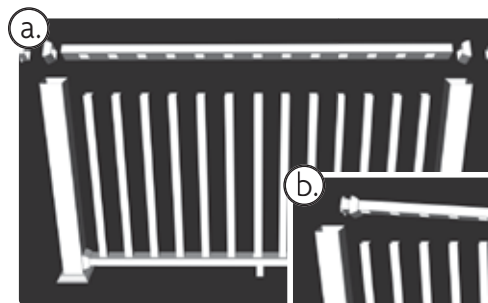
### Snap balusters into your bottom rail

- 7**
- Lock tabs on baluster/spindle must face outer edge of routed holes
  - Round aluminum balusters will not have lock tabs. Install by sliding aluminum baluster into round routed hole.



### Install top rail

- 8**
- Place brackets onto both ends of top rail (make sure to use brackets with side holes)
  - Begin at one side of rail and align first baluster with first routed hole on bottom side of top rail and snap top rail into position
  - Continue down the line of balusters installing balusters into top rail
  - Install brackets
    - Using  $\frac{5}{32}$ " drill bit, pre-drill first top bracket screw hole. On angle, drill through bracket hole, vinyl post jacket and vinyl insert and loosely install first #10 x  $\frac{3}{4}$ " screw – when using Post Install Kit. For vinyl posts installed over an existing wood 4x4 pre-drill post and install screw directly into wood 4x4.
    - Repeat pre-drilling process for remaining three screws and tightly install screws.
    - Tighten first screw
    - Repeat steps i-iii for the second top bracket
    - Pre-drill through side bracket holes into top rail and aluminum insert using  $\frac{5}{32}$ " drill bit
    - Install supplied screw through side hole in top rail brackets
    - Snap covers over exposed brackets to hide screws



**For angled rail installation other than at 90° or 180° purchase left to right angle brackets.**

Follow steps from above

- Step 2 (b) – Mark 2" from end of post to allow room for bracket and expansion (this distance may vary depending on individual installation)
- After Step 4 – Place brackets on posts to determine angle
  - Mark angle bracket at determined angle and lock in place with provided screw

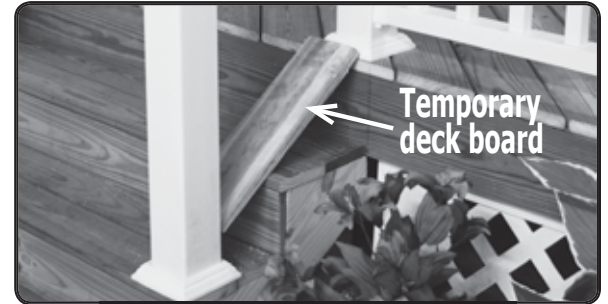
## For Vinyl Stair Rail Installation:

### Post Installation

- 1** Closely follow post installation instructions (or sleeve existing wood 4x4)

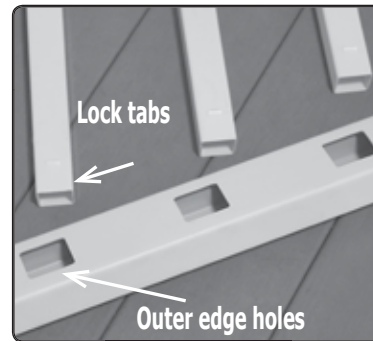
### Determine Spacing

- 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



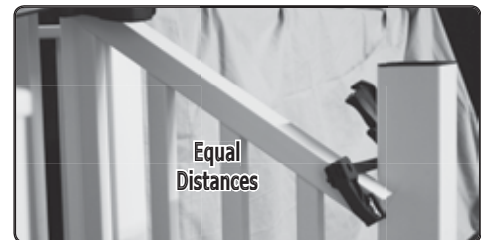
### Assemble your stair railing section

- 3**
  - a. Lock tabs on baluster/spindle must face outer edge of routed holes in rails
  - b. Assemble your stair railing section by snapping balusters/spindles in rails



### Stabilize Section

- 4** Place assembled stair railing section adjacent to mounted stair posts, leaving equal distances from the ends of both balusters and clamp your stair railing section to the posts



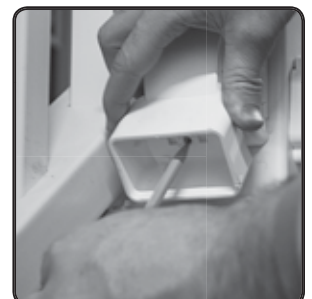
### Marking Bracket Spacing

- 5** Align top and bottom angle brackets on mounted stair post adjacent to stair railing section and mark the rail at the end of each bracket



### Marking Bracket Angle

- 6** While holding angle brackets adjacent to stair railing sections check for proper bracket angle and mark the hole on the inside of the angle brackets



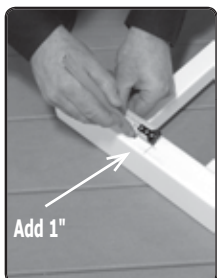
## Locking The Angle

- 7** With an 1/8" drill bit pre-drill marked hole on angle bracket and lock angle in place with supplied #10 x 3/4" screw



## Cutting Rails

- 8** Remove stair railing section from clamped posts
- Locate your previous marked lines on your stair railing sections and add 1" to your pre-determined lengths for bracket depth and cut all four marks with a hacksaw at 90 degrees

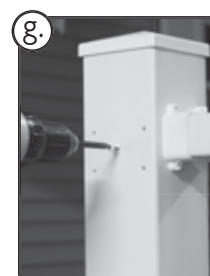
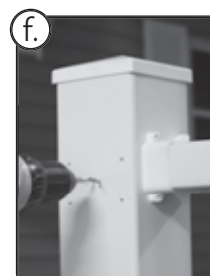
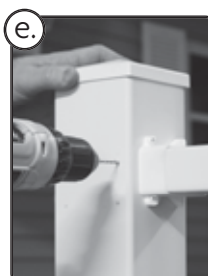
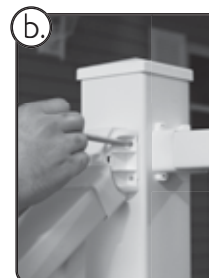


**Note – you will have to cut through an aluminum insert in the top rail**

## Installing Brackets

- 9** **Note – There is a separate screw pack for the top rail and bottom rail brackets**

- Slide your angle brackets top/bottom onto your rails and place your stair rail section between your posts on top of your temporarily secured deck board
- Mark all bracket holes
- Remove stair railing section
- Remove temporarily secured deck board
- Pre-drill all bracket holes with a 1/8" drill bit
- On your top railing brackets position a drill bit on center of post (2" from either side) and between previously drilled four screw holes. Pre-drill using 5/32" drill bit all the way through the steel insert
- Attach 2" screw into post all the way through the steel insert



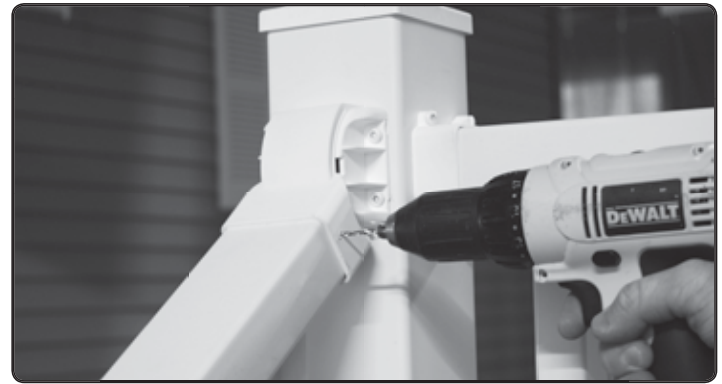


**Railing to Posts****10**

- Slide stair railing section with brackets back in-between posts
- Add #10 x 1 $\frac{1}{4}$ " mounting screws to brackets to secure stair railing section to posts

**Pre-Drilling****11**

Pre-drill each side of the top rail brackets using the screw holes provided with a 5/32" drill bit. Use provided #10 x 1" screws to secure top rails to brackets.

**Finishing****12**

Snap caps "half-moons" onto sides of stair railing brackets to cover the exposed screws



**Note:** Select Stair Railing sections will rack to a maximum of 32 degrees. If your custom installation calls for a greater angle you will need to route the hole openings to a longer length.



## 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](http://www.BarretteOutdoorLiving.com) for specific details about warranty limitations.  
1-800-336-2383

To register your product, please visit: [www.barretteoutdoorliving.com/product-registration](http://www.barretteoutdoorliving.com/product-registration)

