



## Ready-To-Assemble VersaRail

### INSTALLATION INSTRUCTIONS



Read all instructions prior to installing product.

Refer to manufacturers safety instructions when operating any tools.

To register your product, please visit:

**[freedomproduct.com](http://freedomproduct.com)**

## ⚠ WARNING:

- Improper installation of this product can result in personal injury. Always wear safety goggles when cutting, drilling and assembling the product.
- Incorrect installation may cause harm to the product or individual.

## NOTICE:

- DO NOT attempt to assemble the kit if parts are missing or damaged.
- DO NOT return the product to the store. For assistance or replacement parts call: 1-800-336-2383.

## BEFORE YOU BEGIN:

It is the responsibility of the installer to meet and/or exceed all code and safety requirements and to obtain all required building code permits.

The deck and railing installer should determine and implement appropriate installation techniques for each installation.

Barrette and its distributors shall not be held liable for improper or unsafe installations.

This instruction manual contains 2 types of installation options:

- Straight rail installation
- Angled rail installation

## TOOLS NEEDED:

Posts & Mounting Kits
Post Tops
Safety Glasses
Pencil
Level
9/32" & 1/8" Drill Bits
Drill
Chop saw with a fine-tooth carbide blade
Tape Measure
Scissors or Utility Knife
Clamps
Rubber Mallet
Mounting Fasteners
Tape

### 6' Aluminum Rail Kit Component list:

QTY	Description
1	Top Rail Profile
2	Rails
2	Locking Strips
15	Square Balusters
2	Center Supports
1	Bracket Kit With Screws
1	Screw Template

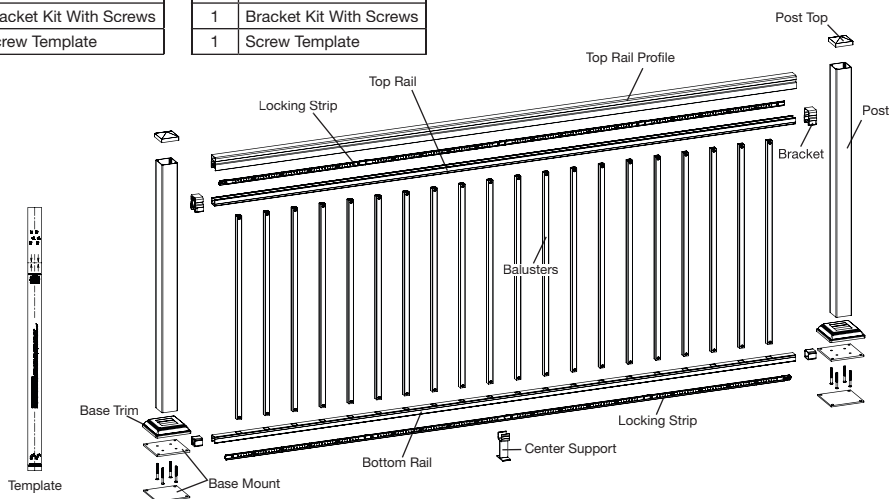
### 8' Aluminum Rail Kit Component list:

QTY	Description
1	Top Rail Profile
2	Rails
2	Locking Strips
20	Square Balusters
4	Center Supports
1	Bracket Kit With Screws
1	Screw Template

### Additional Items Needed

(Sold Separately):

QTY	Description
2	Base Trims
2	Base Mounts
2	Posts with Post Tops



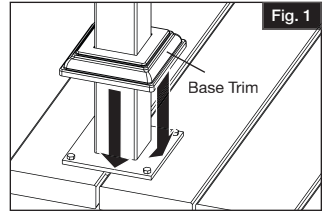
## STRAIGHT RAIL INSTALLATION

1

Closely follow post installation instructions.

**NOTE:**

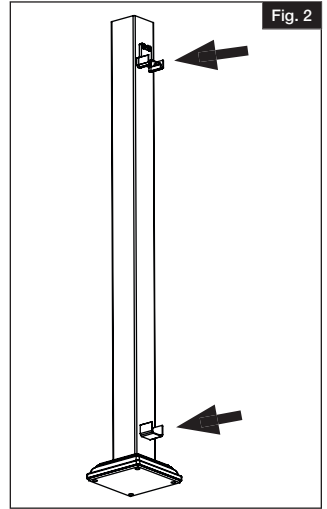
Install base trims on all posts before installing brackets (Fig. 1).



2

### Install Brackets:

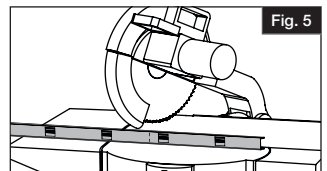
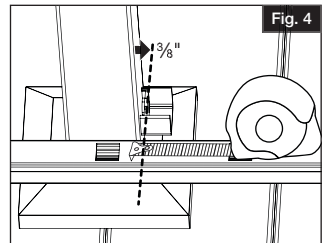
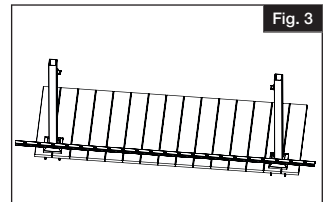
- With base trim installed on bottom of post, unroll paper install template and tape to post, ensuring the bottom of the template rests on the top of the base trim. Pre-drill through all marked locations on installation template "L" (not "A") into aluminum post with a  $\frac{1}{8}$ " drill bit. Do this for all marked locations for both top and bottom brackets (Fig. 2).
- Screw bottom brackets into post using #8x1½" Pan Head screws (2 per bracket).
- Screw top brackets into post using #8x1½" Pan Head screws (4 per bracket).



3

### Cut Rails to Length (Top & Bottom Rails, Top Rail Profile):

- Place bottom rail across post opening leaving equivalent spacing from last baluster to post on each end. Make sure there is even spacing from baluster hole to post (Fig. 3)
- Mark rail flush to post.
- From marked lines, mark additional parallel line  $\frac{3}{8}$ " from first line to allow for bracket clearance (Fig. 4).
- Align top rail and top rail profile with the bottom rail and mark all before cutting to size.
- Then, cut to the same length using a saw with a fine-tooth carbide blade (Fig. 5).



## Assemble Your Railing Section:

- a. Place top and bottom rail on a smooth, flat and clean surface. Then, align the top and bottom rails so that the ridges inside the rails are oriented on the same side (Fig. 6).

### NOTE:

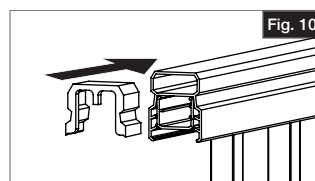
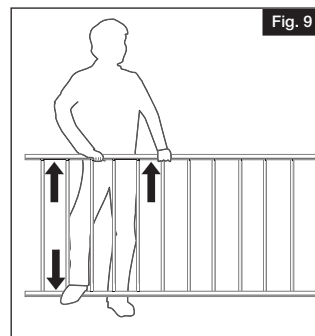
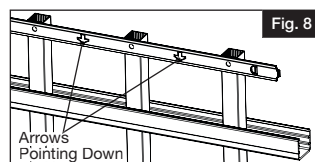
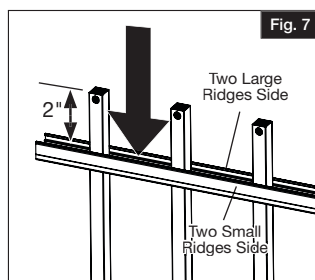
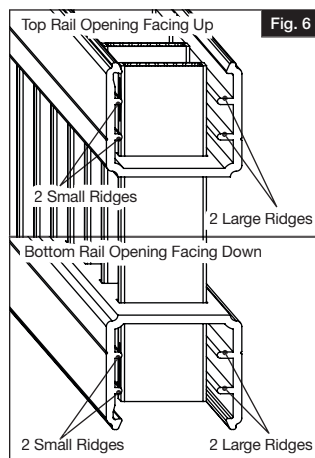
There are two (2) ridges on both sides that are different sizes.

- b. Push all balusters through the holes in rails, being careful to have the hole in each baluster going in the same direction facing the side with the two (2) small ridges (Fig. 7).
- c. Make sure the balusters in the rails are about 2" above the rail and in-line with each other (Fig. 7).
- d. Snap in bumps from locking strip into holes of the baluster for both top and bottom rails. Make sure arrows on locking strip face rails (Fig. 8).
- e. If the rails were cut shorter in step 3, then there will be some extra locking strip at the end of install. Use scissors or a utility knife to trim off the excess, while leaving approximately 2" after the last engaged bump.
- f. Pull the top and bottom rails towards ends, guiding the rails over the locking strips until snug.
- g. Stand rail section up and fully lock balusters into the rails. Place one foot on the top of the bottom rail, between the second and third baluster while at the same time placing a hand under the bottom of the top rail between the second and third baluster. Push with foot and pull with hand until locking is completed. You should hear a snap as the strip locks into the rail. Repeat this process for the middle and the end of the panel (Fig. 9).

### NOTE:

If no snap is heard or felt, use a rubber mallet to tap underneath of top rail to ensure a full connection.

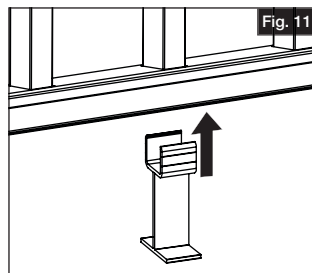
- h. Line up hand rail profile on top of the top rail. Press it down onto the top rail so it fits snug.
- i. Slide bracket covers on ends of both top and bottom rails (Fig. 10).



5

**Install Support Brace:**

- a. Two support braces are included with 6' railing kits. For code purposes, only one is required for installations in the U.S., while both are required in Canada. Spread out the braces proportionately (Fig. 11).
- b. Four support braces are included with 8' railing kits. For code purposes, only two are needed for installations in the U.S., while all four are required in Canada. Spread out the braces proportionately.



6

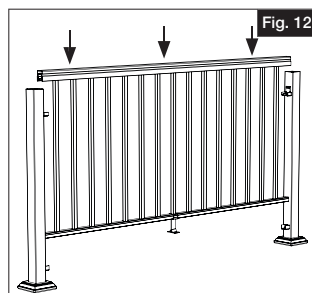
**Rails to Posts:**

- a. Bring assembled rails between posts, elevated above brackets assembled in Step 2.
- b. Once centered, slowly lower rail assembly carefully to allow full engagement between section and brackets in all four locations on posts (Fig. 12).

**NOTE:**

The top rail profile should rest on the bottom of the bracket that is screwed into post.

- c. Attach brackets to rails – Pre-drill two holes from under the bottom of the top rail through rail. Complete for each top rail bracket. Drive #8 x 1½" Pan Head screws (2 per bracket) through drilled holes.

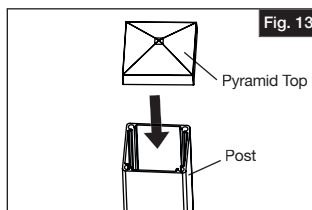


7

Install pyramid post top onto each post (Fig. 13).

**NOTE:**

A rubber mallet may be needed for a proper fit.

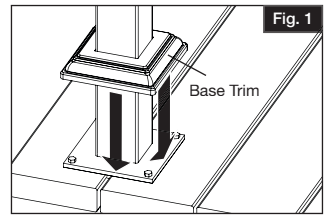


## ANGLED RAIL INSTALLATION

- 1** Closely follow post installation instructions.

**NOTE:**

Install base trims on all posts before installing brackets (Fig. 1).



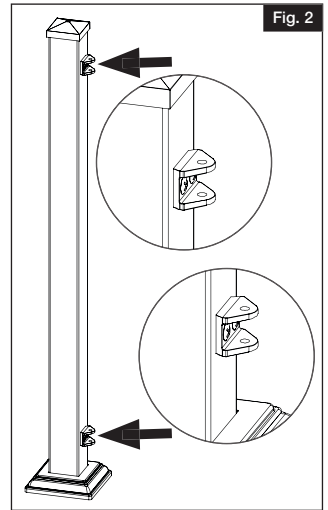
**2** **Install Angle Brackets:**

- a. With base trim installed on bottom of post, unroll paper install template and tape to post, ensuring the bottom of the template rests on the top of the base trim. Pre-drill through all marked locations on installation template "A" (not "L") into aluminum post with a  $\frac{1}{8}$ " drill bit. Do this for all marked locations for both top and bottom brackets.
- b. Install the angle brackets at the respective heights instead of line brackets.

**NOTE:**

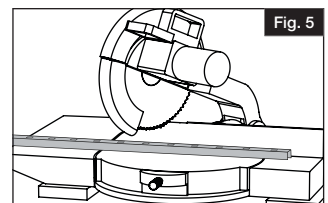
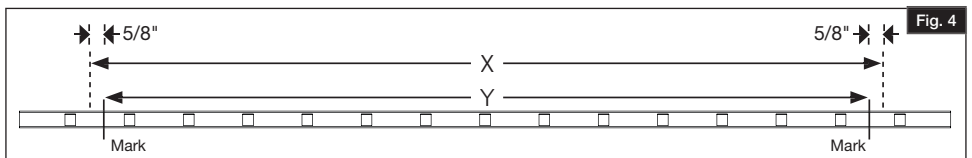
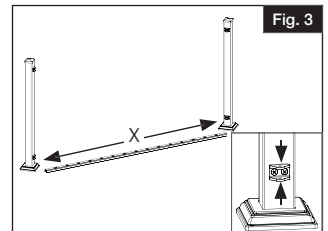
The base of the angled bracket installs horizontally in orientation (screws beside each other)

- c. Attach top and bottom bases to posts with #10 x  $1\frac{1}{2}$ " flat head screws provided (2 per bracket).



**3** **Cut Rails to Length (Top & Bottom Rails, Top Rail Profile):**

- a. Measure the distance between bottom rail post bracket bases (from hole to hole). This will be measurement "X" (Fig. 3).
- b. Subtract  $1\frac{1}{4}$ " from length measured in Step 3a (X). This final measurement will be "Y" (Fig. 4)
- c. Mark ends of top and bottom rails the length from Step 3b ("Y") being sure that the space for the last baluster hole to the end of the rail is the same on each end (Fig. 4).
- d. Cut top and bottom rails and top rail profile at the same lengths using a saw with a fine tooth carbide blade (Fig. 5).



### Assemble Your Railing Section:

- a. Place top and bottom rail on a smooth, flat and clean surface. Then, align the top and bottom rails so that the ridges inside the rails are oriented on the same side (Fig. 6).

**NOTE:**

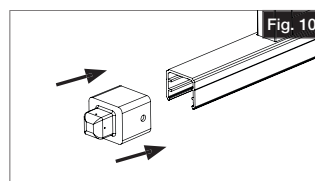
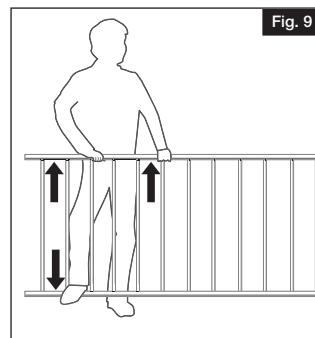
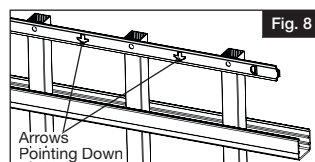
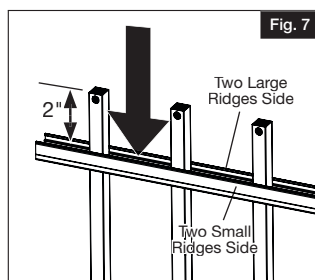
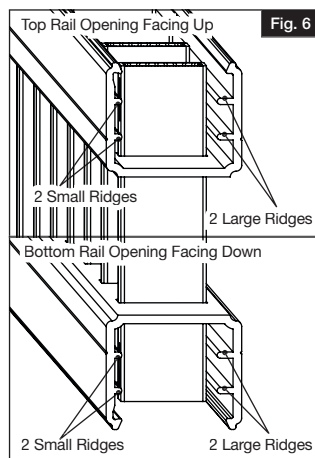
There are two (2) ridges on both sides that are different sizes.

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- f. Pull the top and bottom rails towards ends, guiding the rails over the locking strips until snug.
- g. Stand rail section up and fully lock balusters into the rails. Place one foot on the top of the bottom rail, between the second and third baluster while at the same time placing a hand under the bottom of the top rail between the second and third baluster. Push with foot and pull with hand until locking is completed. You should hear a snap as the strip locks into the rail. Repeat this process for the middle and the end of the panel (Fig. 9).

**NOTE:**

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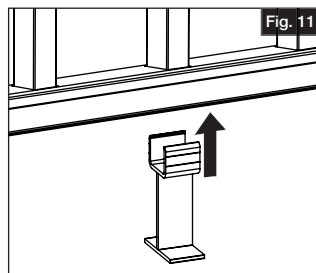
- h. Line up hand rail profile on top of the top rail. Press it down onto the top rail so it fits snug.
- i. Slide bracket covers on ends of both top and bottom rails (Fig. 10).



5

### Install Support Brace:

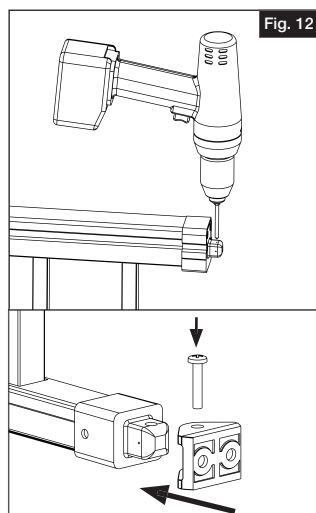
- a. Two support braces are included with 6' railing kits. For code purposes, only one is required for installations in the U.S., while both are required in Canada. Spread out the braces proportionately (Fig. 11).
- b. Four support braces are included with 8' railing kits. For code purposes, only two are needed for installations in the U.S., while all four are required in Canada. Spread out the braces proportionately.



6

### Rails to Posts:

- a. Bring assembled rails between posts and line up with installed bases. While holding section with brackets in between the installed bases (From Steps 2a-c), pre-drill through the top holes on back of brackets with  $\frac{3}{32}$ " drill bit, and connect brackets to bases with  $\frac{1}{4}$ " sex bolts provided (Fig. 12).
- b. Attach top brackets to top rails – Pre-drill two holes from under the bottom of the top rail through rail. Complete for each top rail bracket. Drive #8 x  $1\frac{1}{2}$ " Pan Head screws (2 per bracket) through drilled holes.
- c. Attach bottom brackets to bottom rails – Drive #8 x  $\frac{3}{4}$ " Pan Head screws (1 per bracket) through side of bottom rail bracket into bottom rail.

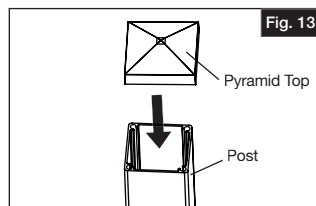


7

Install pyramid post top onto each post (Fig. 13).

#### NOTE:

A rubber mallet may be needed for a proper fit.



8

## 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 in materials 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. 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.

Registration: To activate this warranty, the online registration card must be completed and returned to Barrette Outdoor Living within 30 days of installation.

Additionally, this Warranty does not cover damage associated with surface mold and mildew resulting from environmental conditions including air pollution, or any other causes not arising out of defects in materials or workmanship by Barrette Outdoor Living.

This Warranty does not cover costs of removal or disposal of product, or reinstallation of replacement product. Any service provided outside the scope of this limited Warranty shall be at Barrette Outdoor Living's standard rate and terms then in effect.

Barrette Outdoor Living reserves the right to discontinue or modify any of its products, including the color of its products, without notice to the homeowner/consumer, and Barrette Outdoor Living does not warrant that any replacement material will match or be identical to the original product as replacement products may vary in color or gloss in comparison to the original product as a result of normal weathering. If Barrette Outdoor Living replaces any material under this Warranty, it may substitute products designated by Barrette Outdoor Living to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

THIS WARRANTY IS IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES OF 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.

For any specific questions about the Barrette Outdoor Living Warranty please contact Barrette Outdoor Living by visiting our website [www.freedomproduct.com](http://www.freedomproduct.com), emailing or calling 1-800-336-2383.

To begin your warranty coverage and register your product visit: [www.freedomproduct.com](http://www.freedomproduct.com). Retain manual and your dated sales slip for future reference or warranty claims.

**BARRETTE OUTDOOR LIVING**

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