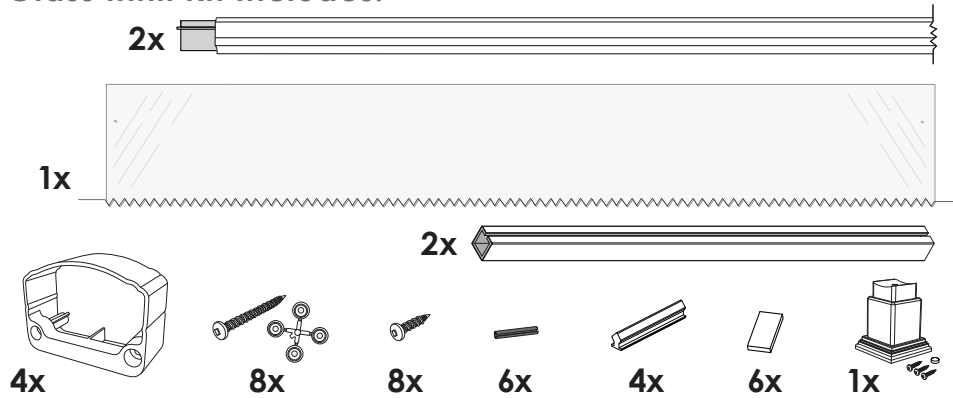


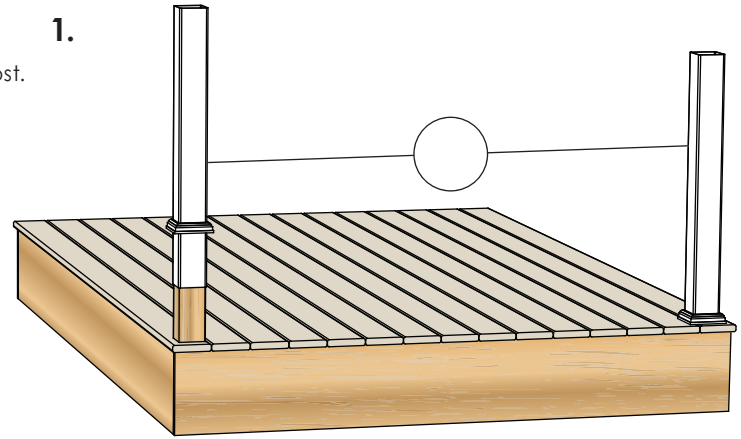
**200 Series Level Railing w/Acrylic Glass Infill Kit Includes:**

- 2 - Top/Bottom Rails w/aluminum inserts
- 1 - Acrylic Infill Panel  
(6' kit - 30" x 60", 8' kit - 30" x 60")
- 2 - Trim Stiles
- 4 - Mounting Brackets
- 8 - Mounting Screws w/plugs (#10 x 2" SS)
- 8 - Color Matching Screws (#10 x 1" SS)
- 6 - Infill Pins
- 4 - Infill Route Gaskets
- 6 - Neoprene Pads
- 1 - Foot Block


**1. Install Post Sleeves and Measure Rail Length**

Plumb posts/mounting surfaces. Slide post sleeve and base trim ring over post. Measure distance between mounting surfaces.

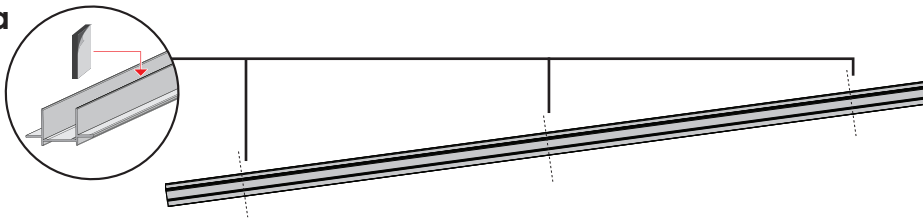
1.


**2. Cut Bottom Rail To Length**

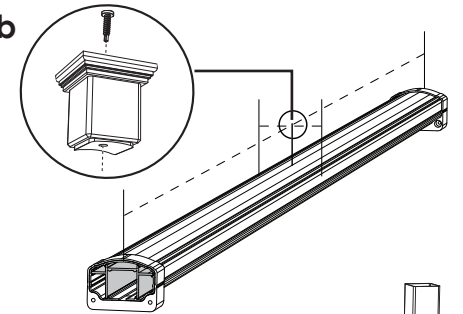
**(2.a)** Cut bottom rail to length with saw (see blade manufacturer's specs). You may cut both vinyl and aluminum at the same time. Remove aluminum insert, measure/mark center and 8" in from each end of insert. On the three marks, apply adhesive backed neoprene pads for infill panel to rest on. Slide aluminum insert back into vinyl rail.

**(2.b)** Turn rail with bottom facing up and mark center of rail. Pre-drill a 1/8" hole at center mark (center of length and width of rail). Next, remove adjustable foot block from packaging and make certain it is compressed to the minimum (2") height. Insert #8 mounting screw through center of foot block, align with pre-drilled hole and install (Note: the block is curved to match the rail profile). Slide mounting brackets on rail ends.

2.a



2.b


**3. Install Bottom Rail, Foot Block and Cut Infill Panel**

**(3.a)** Determine the distance from bottom of rail and deck surface.  
**NOTE: Min. 2" - Max. 3-1/2". See local building codes for opening limitations.**  
 Cut two blocks at the determined height and place between mounting surfaces (about 8" in from brackets). Set rail in place and center. Pull Foot Block down to make contact with deck surface. Square floor flange with rail, trace around flange base and remove rail from opening. Connect corners of flange base (X) and pre-drill a 1/8" hole. Screw flange base to deck.

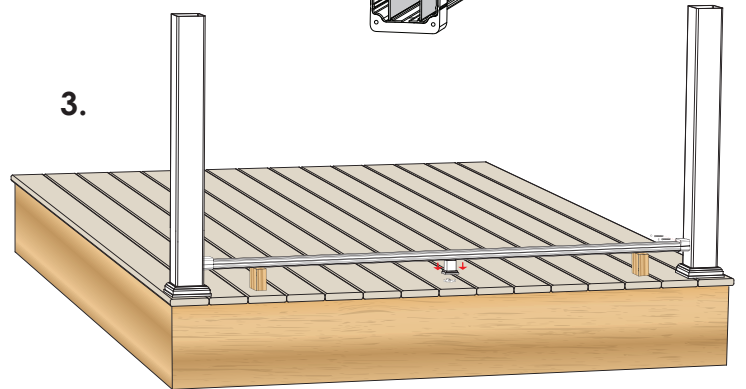
**(3.b)** Place rail in opening, center, pre-drill a 1/8" hole and install four (4) #10 x 2" screws (two per bracket). Install screw covers.

**(3.c) CUTTING INFILL PANEL:**

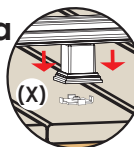
Deduct 7-1/2" from total rail width (this will allow 3-1/2" space between mounting surface and infill trim stile on both ends). Remove infill pins, lay infill panel on a flat non-abrasive surface, measure and mark. Cut panel, one end only, with a fine tooth blade (see blade manufacturer's specs).

**(3.d)** Lay cut off piece flush with cut end and drill three 1/8" holes and reinstall pins from cut off.

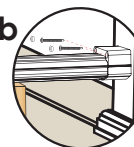
3.



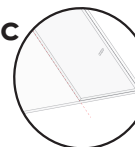
3.a



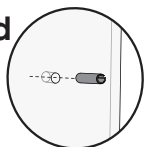
3.b



3.c



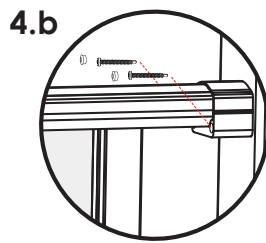
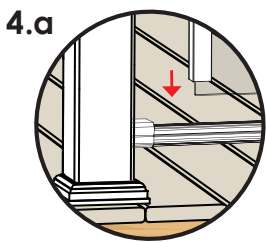
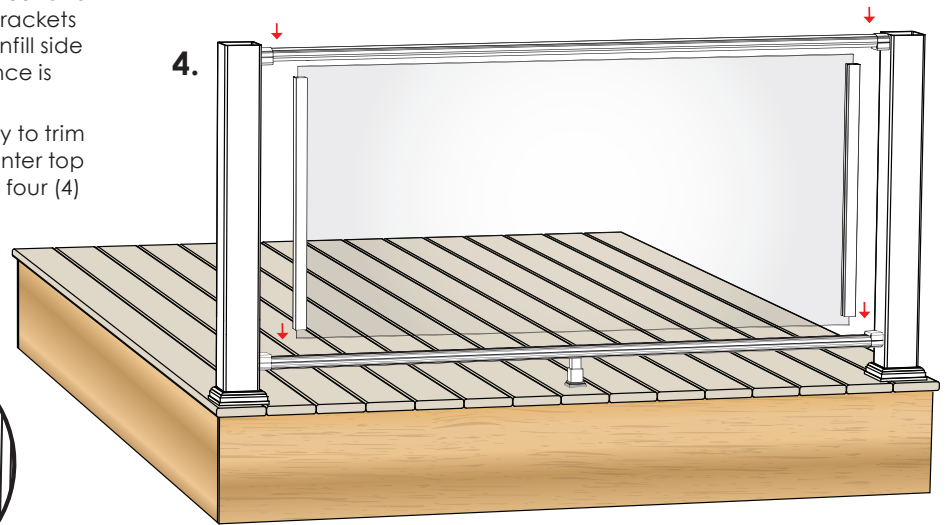
3.d



#### 4. Cut Top Rail To Length

**(4.a)** If mounting surfaces are plumb, the top rail will be the same length as bottom rail. Cut Top Rail to length. With top rail cut and neoprene pads installed (see step 2.a), slide mounting brackets on ends. Insert infill panel in slot of bottom rail and slide infill side trim stile over 1/8" pins of infill panel. Make certain distance is equal on both ends between mounting surfaces.

**(4.b)** Place Top Rail over insert (Note: it may be necessary to trim side trim stile to length) and rest on top of infill panel. Center top rail on mounting surfaces, pre-drill a 1/8" hole and install four (4) #10 x 2" screws (two per bracket). Install screw covers same as Bottom Rail.

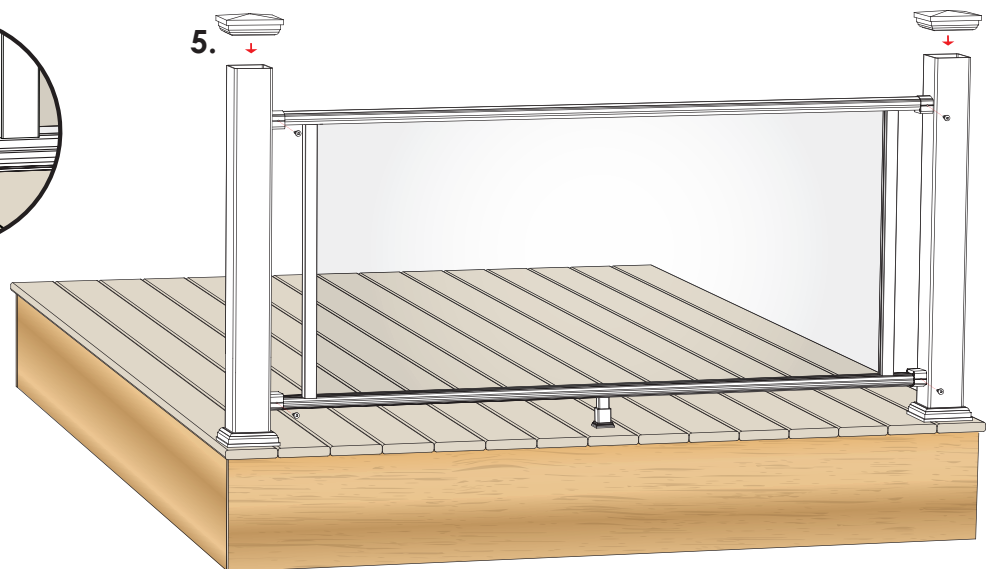
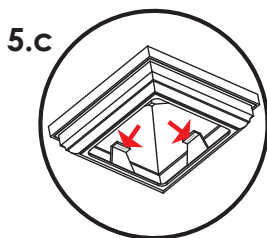
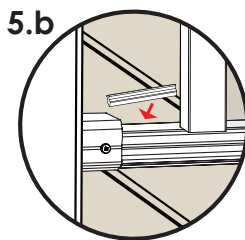
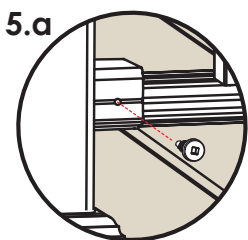


#### 5. Install Bracket Screws, Infill Gasket and Post Caps

**(5.a)** With top rail installed and end spacing balanced out on both ends, pre-drill a 1/8" hole through the sides of the brackets (4). Install #10 x 1" screws two (per bracket) in the side of the mounting bracket, centered. This will lock the end of rails into the brackets.

**(5.b)** Measure the distance between the edge of the mounting bracket and infill side trim stile. Cut a piece of color matching infill gasket (provided) about 1/2" longer than opening size. Slide gasket under mounting bracket and push in place.

**(5.c)** Apply a bead of silicone to the inside tabs of post caps and slide in place.



Please Note: Gap between deck and bottom rail should not exceed 4". It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation. **Tuscan Manufacturing shall not be held liable for improper or unsafe installations.**