

# GEORGIAN LEVEL RAILING INSTRUCTIONS

**STOP!**

**NOTE: IF YOU ARE INSTALLING LED LIGHTING, PLEASE REFER TO PREFERREDRAILINGSYSTEMS.COM  
CHECK ALL LOCAL BUILDING CODES BEFORE YOU BEGIN!**

Instructional Videos at <http://preferredrailingsystems.com/>

**1**

## Gather necessary tools before installation (check box)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Pencil                      | <input type="checkbox"/> Miter Saw          | <input type="checkbox"/> #2 Phillips bit |
| <input type="checkbox"/> Tape Measure                | <input type="checkbox"/> Right angle driver | <input type="checkbox"/> Clamps          |
| <input type="checkbox"/> Level                       | <input type="checkbox"/> #1 Square bit      | <input type="checkbox"/> Speed square    |
| <input type="checkbox"/> Cordless drill<br>or impact | <input type="checkbox"/> #2 Square bit      |  |

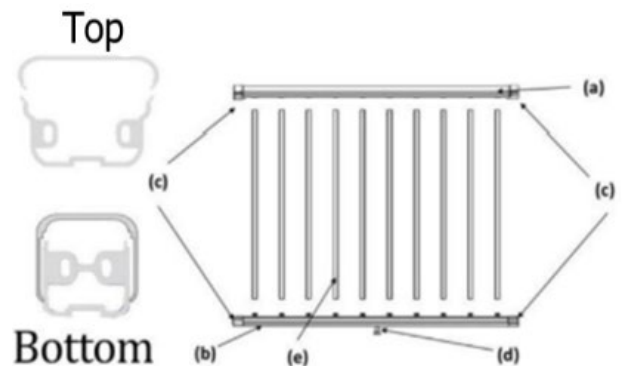
Manufacture Recommends:

- Bracket Placement Template (provided with order)
- Impact Ready Right Angle

**2**

## Make sure the following components are included (check box)

- 1 – Top Level rail, w/slots (a)
- 1 – Bottom Level rail w/baluster connectors (b)
- 2 – Top & Bottom Level brackets with Caps (c)
- 1 – Rail Support w/baluster, (included in 6' & 8' only) (d)
- Balusters (10 for 4', 15 for 6', 21 for 8') (e)
- 4 – 3/4" painted Panhead Self drilling screws
- 8 – 3/4" unpainted Panhead Self drilling screws
- 4 – 3/4" unpainted Flathead Self drilling screws



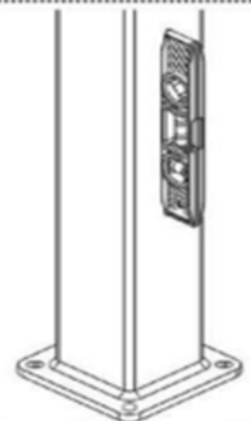
Be aware that RESIDENTIAL level posts are 39" while COMMERCIAL level posts are 45"

**3**

## Aluminum Post Installation

- Determine location of all posts prior to installing deck boards.
- Add blocking where necessary to support proper post installation.
- Insert the composite shims (included with your posts) under the post base, using a level to make sure your posts are plumb.
- If using standard lag bolts, first pre-drill your holes, and then using 2 1/2" lag bolts with washers, fasten all hardware through the decking and into the framing structure of blocking to hold it in place.
- Cut or break off the shims.

**Manufacturer Tip:**  
Use Power lags to avoid having to pre-drill holes for a faster and smoother install

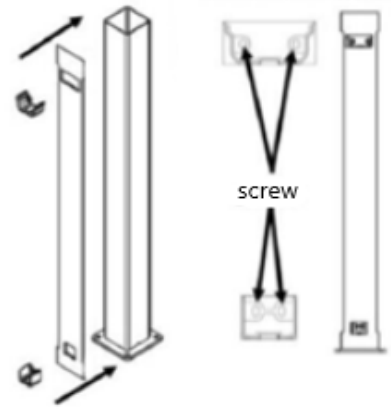


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4

### Bracket Installation

- Locate Bracket Placement Template provided with your rail kit order
- Clamp Bracket Template to the post as flush as possible
- Position the saddles into the template
- Use the provided  $\frac{3}{4}$  unpainted Panhead Self drilling screws to secure bracket onto post through the two screw holes of each bracket.

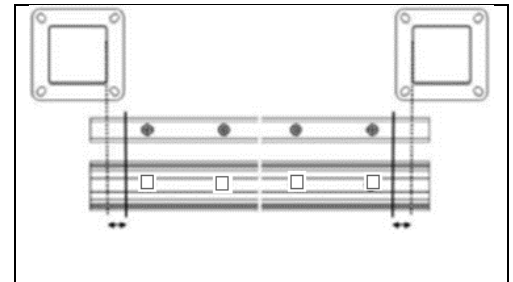


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5

### Measure & Cut Aluminum Rails

- Lay your bottom rail on the deck centered between two posts.
- Mark a line where the post is on both sides of the rail.
- Measure back  $\frac{5}{8}$ " from the first line and mark a cut line on both ends.
- Lay the top rail beside the bottom rail and line up the top rail slots with the bottom rail baluster connectors.
- Using the cut line from your bottom rail, mark a cut line on your top rail.

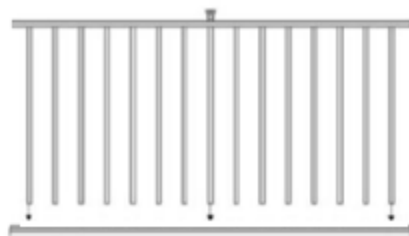


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6

### Railing Assembly

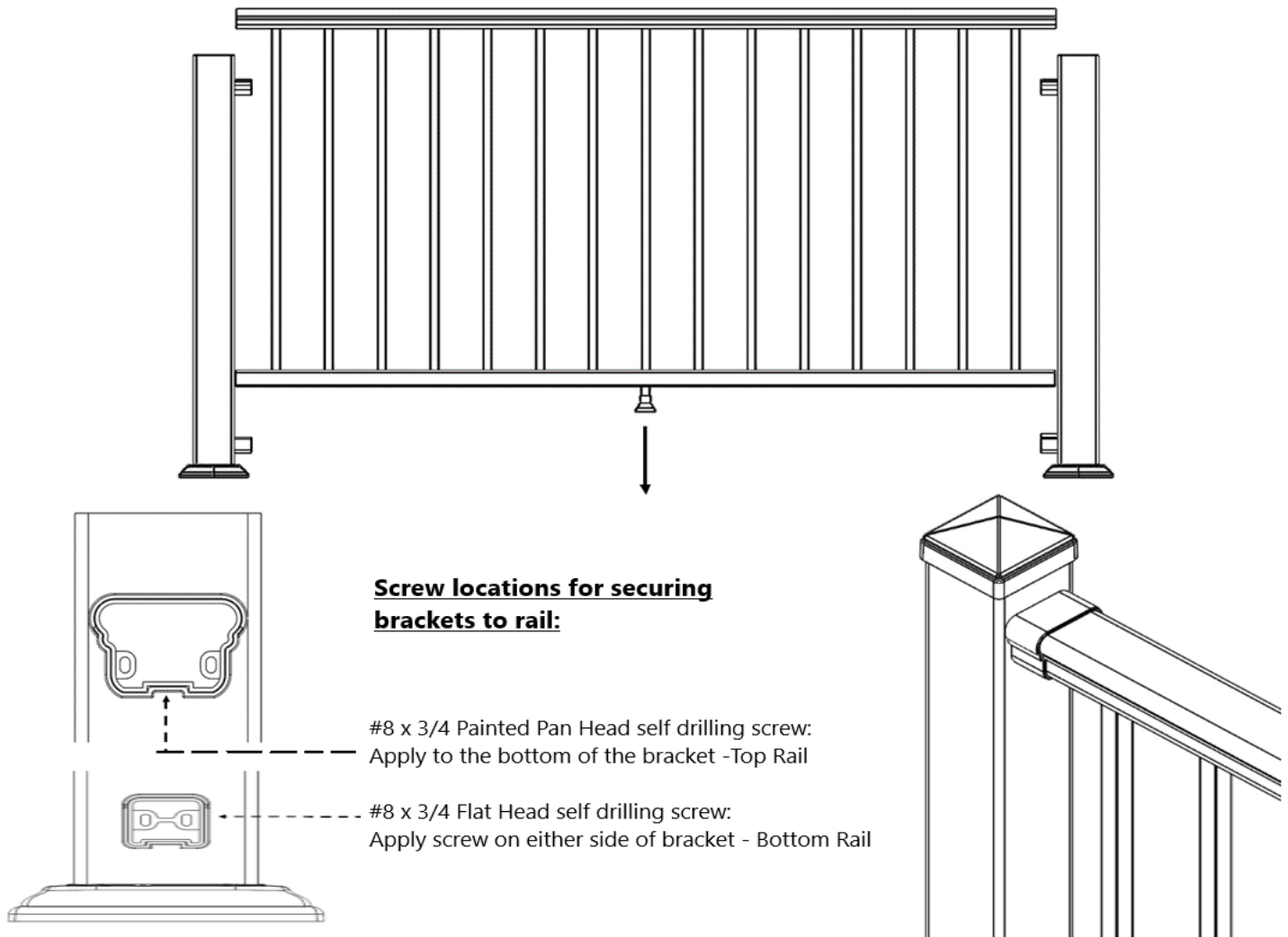
- Lay down a protective blanket or cardboard to protect the rail and place the top rail upside down.
- We suggest clamping the top rail to the deck or a work bench to keep it stable.
- Install the balusters into the slots, keeping them perpendicular to the top rail. Gently tap each baluster with a rubber mallet until completely seated.
- Install the bottom rail, making sure all of the balusters line up with the baluster connectors.
- Use a rubber mallet to tap the bottom rail onto the balusters.
- Attach the rail support baluster to the bottom rail and tap on with a rubber mallet.



## 7

**Attach Railing to Posts**

- Remove the clamps and flip the railing over.
- Peel back the plastic protective cover from the top rail 3"-4" on both ends.
- Slide top caps onto rail.
- Place railing section onto the attached bracket saddles secured to the post.
- Slide top caps onto top brackets, using soft blocking and a rubber mallet.
- Using the provided hardware, secure the top and bottom brackets to the railing (see below).
- Now pop on bottom cap onto bottom bracket, use rubber mallet if needed.
- Adjust the rail support baluster(s) to brace the railing and use the supplied hardware to hold it in place.
- Remove the rest of the protective film from the top of the top railing.
- Locate and install the 2 piece base trim(s) onto the base of the posts using the supplied hardware.
- Push post caps onto posts to complete railing assembly.



End