PEGATHA ALUMINUM

Pegatha Stair Rail Installation Instructions

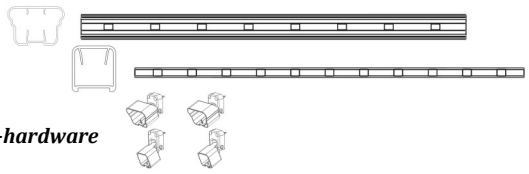
CHECK ALL LOCAL BUILDING CODES BEFORE YOU BEGIN!

1 Gather necessary tools before installation (check box)

- ☐ Pencil
- ☐ Tape measure
- ☐ Level
- ☐ Cordless drill or impact
- ☐ Miter saw
- ☐ Right angle driver
- ☐ #1 Square bit
- ☐ #2 Square bit
- ☐ #2 Phillips bit
- ☐ Clamps
- ☐ Speed square
- ☐ String line
- ☐ Recommended—Power lag
- ☐ Recommended—DeWalt DWARA 100 Impact Ready Right Angle Attachment

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

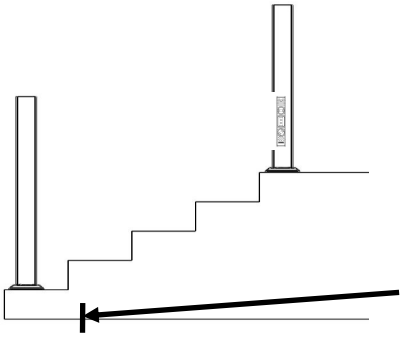
- ☐ 1 –Top stair rail with cut outs
- ☐ 1—Bottom stair rail with cut outs
- ☐ 2—Pegatha stair bracket kits +hardware



Your bottom post MUST BE a 45" post!!! Do not continue until you have a 45" post

3 Bottom Post Placement

- Position and install top post
- Temporarily install bottom post

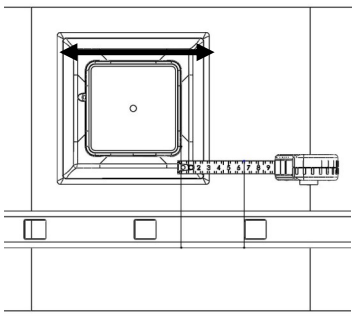


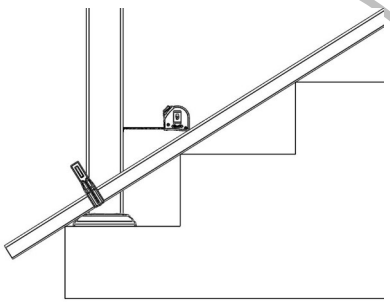
Before continuing make sure that your top post is plumb

Temporarily leave bottom riser board off if you do not have a right angle drive

4 Rail Length

- Temporarily position the bottom post
- Lay bottom rail onto stair treads
- Evenly space stair rail making sure the space is at least 2-5/8" and no more than 4"
- With the rail laying on the stair treads, clamp the rail into position and mark both lines on the side of the rail with the pencil

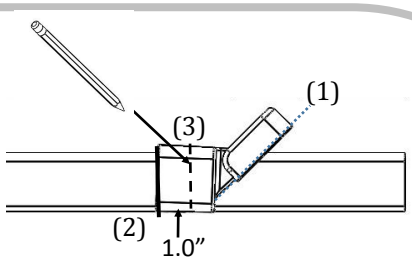




If the railing does not have the desired spacing you want, move the bottom post along the bottom tread until desired spacing is achieved

5 Cutting Stair Rail

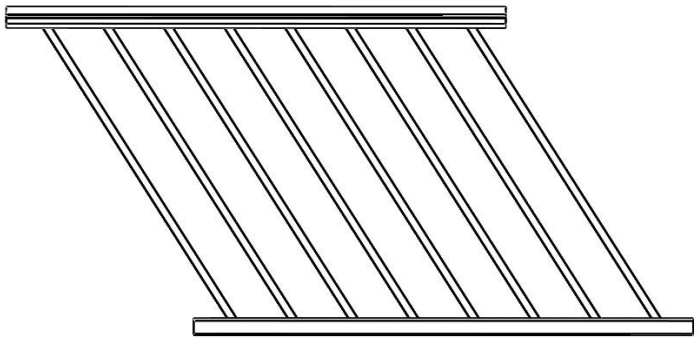
- *Lay rail flat and place the assembled top and bottom brackets on top of rail*
- *Using the marked lines (1) , align the assembled brackets using the marked lines (1) to represent the post*
- *Measure 1" from the front of the bottom rail bracket (2) and 1" from the top rail bracket and mark your cut line (3)*
- *Use miter saw and cut bottom rail at the cut lines (3)*
- *Align with your top rail and mark cut lines (3) then repeat*



Key:
(1) Marked line from step 3:
(2) Line measured from:
(3) Cut line:

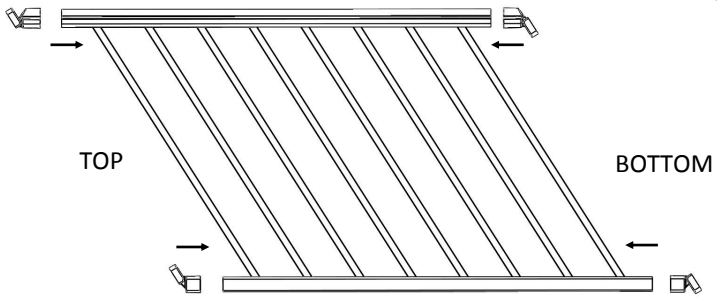
6 Racking Rail Assembly

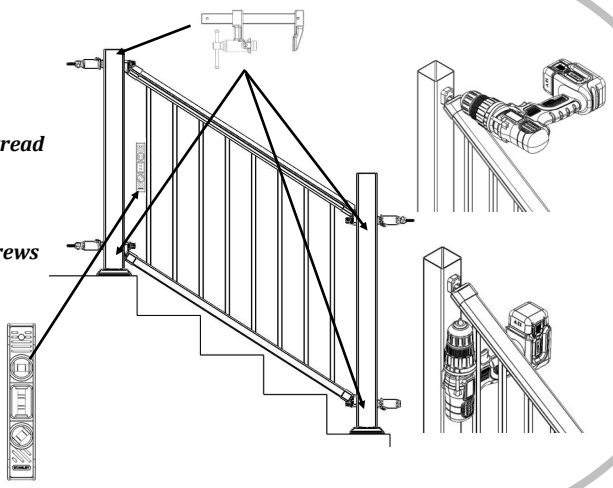
- *With protective blanket or cardboard, lay top rail down with cut-outs facing up*
- *Install balusters into cut-outs, use rubber mallet if needed*
- *Place bottom rail on top of balusters with cut-outs facing down. If needed, use rubber mallet until fully compressed*
- *Rack rail into an angle as shown*
- *Peel back ends the protect wrap, not removing, fit brackets onto the railings with the u-brackets*



7 Installing brackets to rails

- *Collect both stair bracket kits assembled*
- *Slide brackets onto the as shown making sure the "U" brackets are facing up on top and down on bottom as shown*



8 Installing rail section

- *Clamp the rail into position, ensuring the brackets are centered and that there is 36" from the front edge of the stair tread to the top of the top rail and 42" for commercial applications*
- *Using the level, check to see if the balusters are plumb*
- *Install u-bracket to post with the #8 x 1 1/4" #2 self tapping screws using the cordless drill starting with the bottom rails (right angle driver maybe needed for tight areas)*
- *Using the cordless drill install the bottom #8 x 3/4 self taping screws into the bottom of the brackets*