

STEP 2 POST TO RAIL ATTACHMENT

IMPORTANT: Before starting your residential Vista™ deck railing project, please ensure to check your local building codes and building permit requirements prior to installation. Building codes may vary. Always comply with all applicable building codes. Please check areas to be drilled are free from utilities, services and hazards.

NOTE: Affixing posts to decking surface is a critical part of ensuring the strength of your railings system. Please choose a fastener that meets or exceeds the minimum requirement outlined in the Vista™ deck railing design guide. If your deck is unique and is not listed in the guide, please consult a professional engineer for assistance.

Failure to follow these instructions could result in serious injury or death!

No member of Vista Railing Systems Inc., or the Dealer shall be liable for any loss or damage resulting from the improper installation or use of this product. If any member of Vista Railing Systems Inc., or the Dealer becomes liable for any loss or damage, the aggregate liability of Vista Railing Systems Inc. shall be limited to the retail purchase price of that product. For further information, please consult your authorized Vista™ Dealer.

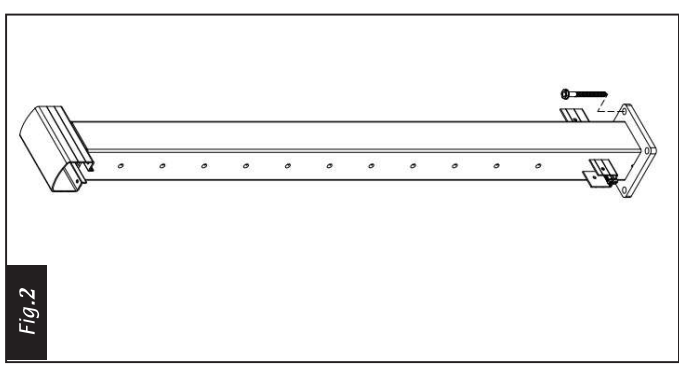


Fig. 2

Install posts at this time with only 1 fastener that meets or exceeds minimum requirements outlined in the Vista™ residential deck railing design guide (see Fig 2). This will allow enough movement in the post for installation of top rail later. (see Step 4) **(NOTE: Deck fasteners are not included)**

STEP 4 TOP & BOTTOM RAIL ASSEMBLY

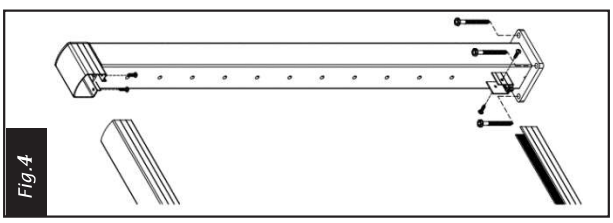


Fig. 4

NOTE: Top and bottom rail with picket gasket can be cut at same time. We recommend drilling a 3/16" hole every 2 - 3 feet in bottom rail to allow water drainage.
Measure distance between posts, deduct 1/2" and cut top rail section. Install top rail securing one end only using #10 x 3/4" TEK screws provided with post. Check to ensure posts are perpendicular to deck surface, and install remainder of post to deck fasteners.

Refer to step 2 for appropriate method to attach posts and note about fasteners. (use exterior silicone "non-corrosive" caulking in screw holes for waterproofing).

Repeat and secure opposite end of top rail. Insert support legs in bottom rail evenly between posts and secure into the deck with hex-head lag bolt. Repeat procedure every section approximately every 36-42" in rough position. (see Fig. A)

Important: Secure both rail ends using two of the #10 x 3/4" TEK screws provided, one from each side. (see Fig. 3 and 4)

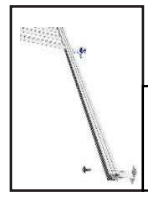


Fig. A

STEP 3 BRACKET ATTACHMENT

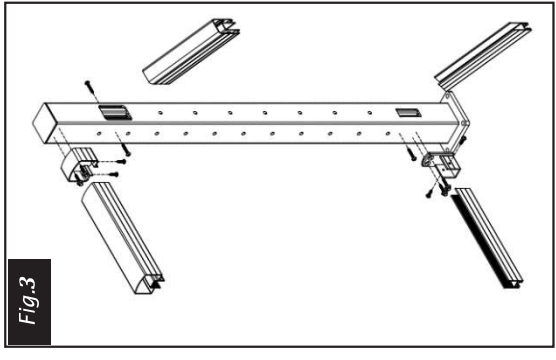


Fig. 3

Install post brackets as required. (See Fig. 3)

STEP 1 POST ATTACHMENT

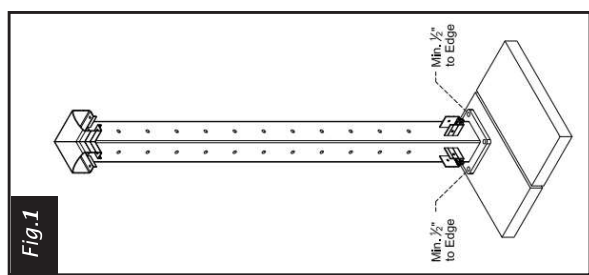


Fig. 1

Locate posts as required with the bottom plate 1/2" from the edge of the deck (a greater distance from edge may be required on some decks so that post anchoring screws can be attached to solid wood under deck surface). Refer to residential deck railing design guide for minimum requirements of post fasteners.

For post spacing and further information, please consult your authorized Vista™ Dealer or refer to the Vista™ residential deck railing design guide at www.vistarailings.com

STEP 4A CHANNEL COVER

Channel Cover package contains 2 pieces; one notched for level intermediate picket spacer and one for stair intermediate picket spacer.



Each set is to wrap around the intermediate picket spacer on the top or the bottom, Fig.B. For level installation: measure, cut and install channel cover on top or bottom rail using 0.63" notch to fit around intermediate picket. Measure distance from other post to other side of picket; mark this distance on other piece ensuring to cut off 0.88" notch. Install channel cover on top or bottom rail to complete.

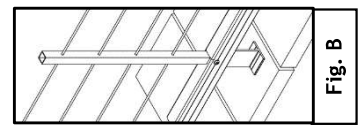
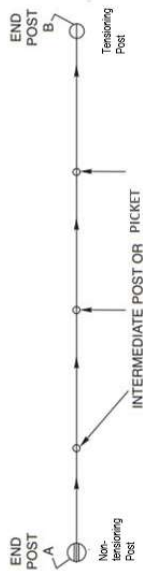


Fig. B

STEP 6A THREADING CABLE THROUGH INTERMEDIATE POSTS

Starting at Post A; feed the bare end of the cable through all of the Mid Posts and Intermediate Pickets.

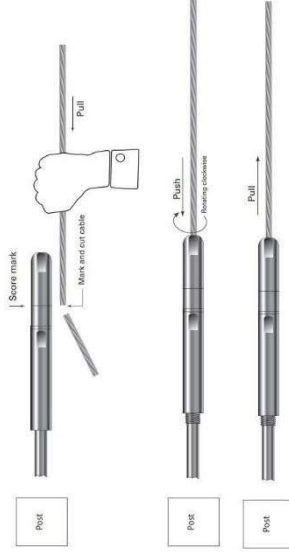


NOTE: Mid Posts or Intermediate Pickets should be more than 48" apart

STEP 6B ENDING/CUTTING CABLE AT TERMINATION POST

After the cable is anchored in the non-tension end and threaded through all of the mid post or intermediate pickets.

- Hand pull the cable to the score line on the Tensioner
- Mark cable at the score line and cut
- While pushing the cable into the tensioner, rotate the tensioner in a clockwise motion



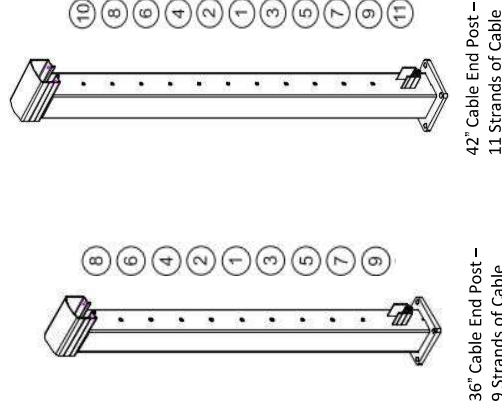
STEP 7 TENSIONING CABLE

After attaching the non-tensioning fitting, tension cable by holding tensioner body at 3/8" wrench flat nearest cable (**do not** let this section rotate while cable is inserted) and rotating female threaded section of fitting with a 3/8" open-end wrench onto threads.



STEP 7A TENSIONING CABLE

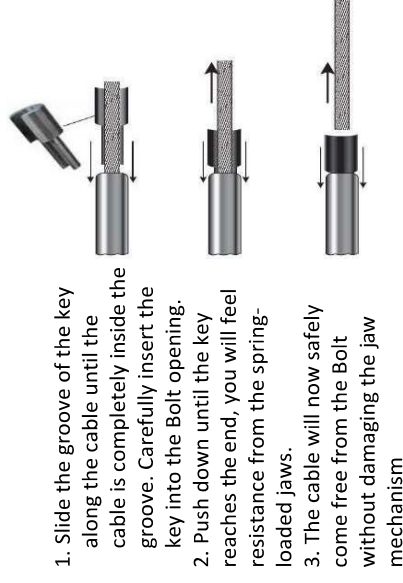
Tension all cables in sequence, beginning with the center cables, moving up and down toward the top and bottom. As you tension each cable, pull sharply downward mid-span to help set the wedges, then re-tension as necessary in the same sequence.



KEY INSTRUCTIONS

The key opens the spring-loaded jaws that grip the cable prior to tensioning.

The key is used when you want to remove the cable from the Threaded Bolt during the installation. This key opens the spring-loaded jaws and will help to insert the cable into the Bolt if you are having trouble with that step. ** Not to be used after the cable has been tensioned**



IMPORTANT

Before beginning your residential deck railing project, you will need to refer to the Vista™ residential deck railing design guide to choose appropriate post to deck fasteners for your specific application or consult with a professional engineer. The design guide can be found at www.vistarailings.com or toll free 1-800-667-8247

TOOLS AND MATERIALS REQUIRED

Handsaw or 10" Mitre saw with Thin (Kerf) Blade / Electric Drill / 1/8" and 3/16" Drill Bits and 3/8" Hex Head Driver / No. 2 Square Screwdriver / Measuring Tape / 2 x 3/8" Wrench / Rubber Mallet (optional)

Toll Free: 1-800-667-8247

www.vistarailings.com

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