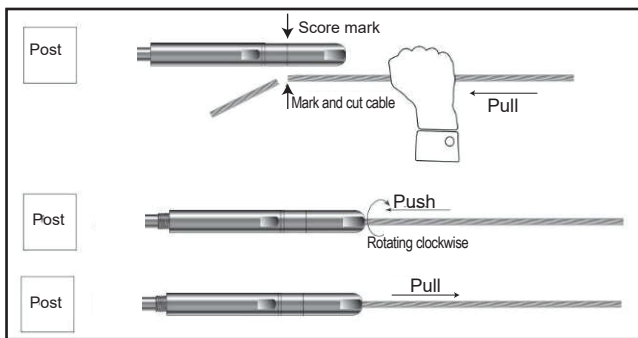


STEP 6B: ENDING/CUTTING CABLE AT TERMINATION POST



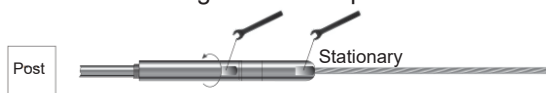
After the cable is anchored in the non-tension end and threaded through all of the mid post and/or intermediate pickets.

- Hand pull the cable to score line on the Tensioner
- Mark cable at the score line and cut
- Remove the female threaded rotating portion of fitting and push the cable wire into the female tensioner.
- Rotate the female threaded portion of fitting back on the the male thread.

NOTE: Do not let this section rotate while cable is inserted.

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.



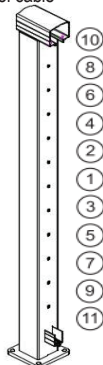
STEP 7A: TENSIONING CABLE

36" Cable End Post
9 strands of cable



Tension all cable in sequence, beginning with the center cables, moving up and down towards 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.

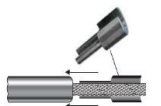
42" Cable End post
11 strands of cable



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****



1. Slide the groove of the key along the cable until the cable is completely inside the groove. Carefully insert the key into the Bolt opening.



2. Push down until the key reaches the end, you will feel resistance from the spring loaded jaws.



3. The cable will now safely come free from the Bolt without damaging the jaw mechanism.

Vista

style &
simplicity

Residential Aluminum Cable Stair Railing Assembly Instructions

READ ALL INSTRUCTIONS COMPLETELY BEFORE STARTING INSTALLATION

It is the responsibility of the installer to meet all code and safety requirements, and to obtain all required building permits. The railing installer should determine and implement appropriate installation techniques for each installation situation. VISTA Railing Systems Inc, its distributors and dealers shall not be held liable for improper or unsafe installations. VISTA Railing Systems posts must always be secured to the sub structure and should never be attached to only the surface material (ie deck board). Failure to follow all of these instructions could result in serious injury or death.

Tools & Materials Required:

Handsaw 10" Miter Saw with thin (Kerf) Blade
Electric Drill - 1/8" and 3/16"
Drill Bits 3/8" Hex Head Driver
Torx Screwdriver - T25 drive
Robertson Screwdriver - #2
Measuring Tape
Rubber Mallet (optional)

Toll Free: 800-667-8247 or www.vistarailings.com

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Revised January 2023 V2

STEP 1: MEASURING THE STAIRS

To measure stair length use the following:

- If bottom post to sit on last thread

Fig.1A

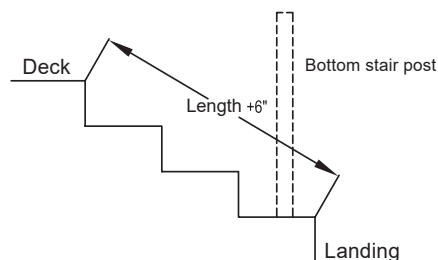
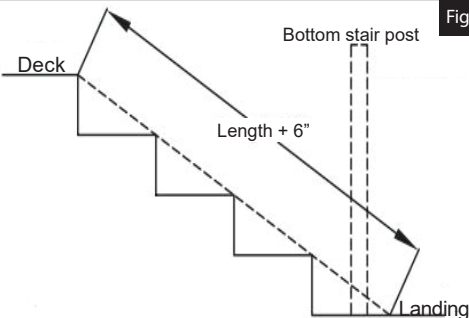


Fig.1B



STEP 2: POST TO RAIL ATTACHMENT

Install top post at edge of deck. (see Fig. 2), utilizing appropriate post to deck fasteners that meet or exceed minimum requirements. Install bottom stair post so that when bottom rail is placed in the post cut-outs (see Fig. 2), there is a consistent space between underside of bottom rail and edge of stairs. Guardrails shall not be less than: 900mm (35-716") high for Canada and 34"-38" high for USA measured vertically from the top rail/guardrail to nosing. Place top and bottom rails into the cut-out holes in the posts. Using the screws provided, fasten top & bottom rails with #10 x 1" Tek screws. For longer runs, a midpost may be placed in the run (see Step 3).

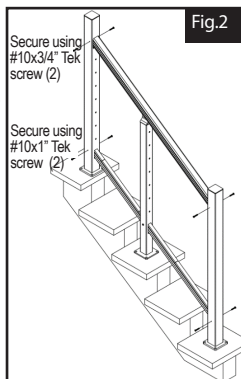
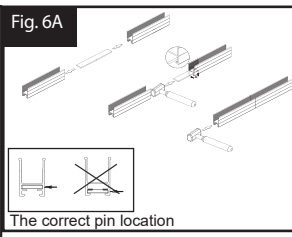
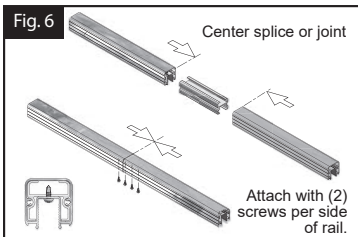


Fig.2

NOTE: The top and bottom rails should ingress the top and bottom post cut-outs by 1 1/2".

STEP 3: MID STAIR POST SPLICE ASSEMBLY



A stair mid post may be placed in the run (see Fig. 6B), utilizing approved mounting bolts/fasteners that meet or exceed local building department requirements (these are not included with posts). A mid stair post and splicing of stair rails will only be necessary when your run is longer than 96". You will need to remove and cut the gasket where the mid stair pivot sits to ensure the rail fits over top of the mid stair post. Insert (provided) fasteners into pivot head and outside of the post to secure railing. (see Fig 6B)

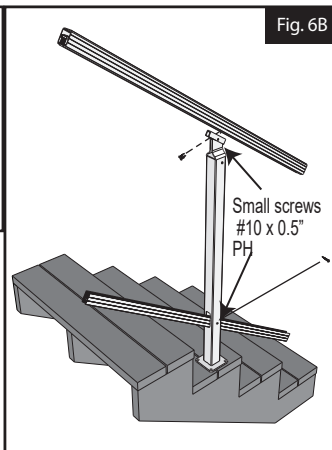


Fig. 6B

STEP 4: CHANNEL COVER

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

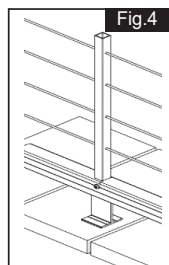
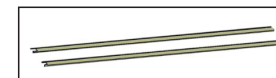


Fig. 4



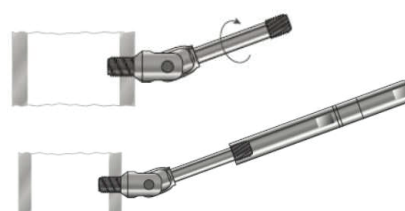
Each set is to wrap around the intermediate picket spacer on the top or the bottom (see Fig.4). For stair installation: measure, cut and install channel cover on top or bottom rail using 0.88" notch to fit around intermediate picket. Measure distance from other post to other side of picket; mark this distance on other piece ensuring to cut off 0.63" notch (stair). Install another channel cover pack on other rail to complete. If the space between the posts is less than/ or equal to 48", cut the notches off both channel covers.

STEP 5: NON-TENSIONING FITTING ASSEMBLY (POST A)

Turn the fitting into the pre-drilled and tapped 5/16" hole in the stair post using the articulating portion of the fitting as a lever to rotate the threaded end of fitting. Stop turning when shoulder on fitting between threaded bolt and body makes contact with metal post. Continue to rotate fitting up to 1/4 turn to properly orient the fitting.



STEP 5A: TENSIONING FITTING ASSEMBLY (POST B)



Using the Push-Lock Tensioner with Threaded Clevis, hand turn the threaded clevis into the post using the articulating portion of the fitting as a lever to rotate the part. Tighten such that the unattached arm hangs vertically. Assemble female threaded rotating portion of fitting onto male thread only so far as to cover the male thread and no more.

STEP 6: CABLE ASSEMBLY

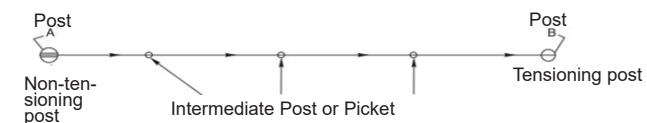
Feed the cable into the non-tension/Lock Bolt cable.

Note: If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges"...Insert the key into the hole and press until the wedges move freely. Only use the key as you may risk damaging the locking mechanism.



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 not be more than 48" apart.