Absolute Distribution Inc.

Installation Guide For:

CINCH®

Call 1-800-335-5909 for Installation Support

M - F 7:30 a.m. - 6:00 p.m. CST

This Packet MUST Accompany Materials To Job Site

Read all instructions before beginning installation

Extra Screws Included

INSTALLATION VIDEOS
AVAILABLE ONLINE:

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NOTE: Responsibility of the installer to meet all codes and obtain all required building permits. Cinch™ or its distributors shall not be held liable for improper or unsafe installations. Post must always be secured to the deck framing, post should never be attached to the deck boards only. Remove all metal shavings from the cut areas. File any sharp edges left by cutting. Apply two coats of touch up paint to the cut area and allowing paint to dry recommended to use Rust-Oleum Satin Canyon Black code249844. For Satin black finish and Hammered Brown Color code 210880 for Bronze.

INSTALLING DECK POSTS AND RAIL PANELS

STEP 1

Determine the desired post positioning and use a straight edge or chalk line to ensure posts align correctly (*see Fig. 1-A*). Check for location of framing, and if securing into framing (see Step 2), center line over framing lumber. Allow a minimum of ½" from the edge of the deck board for steel post base plate placement. Position posts at appropriate points based on desired panel length. (Because of deck construction and other variables, most panels will require cutting to custom length as described in Step 4 below. If uncut panels are used, distance is 6' or 8' from inside of post to inside of post)

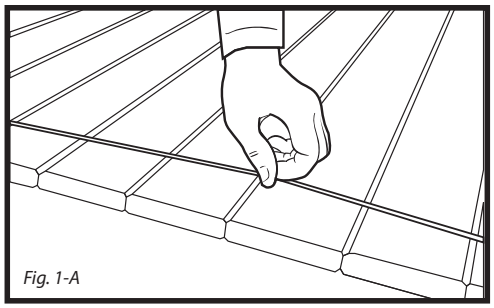
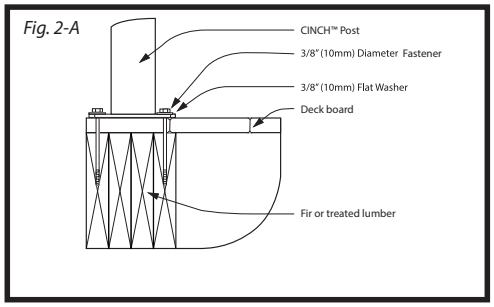
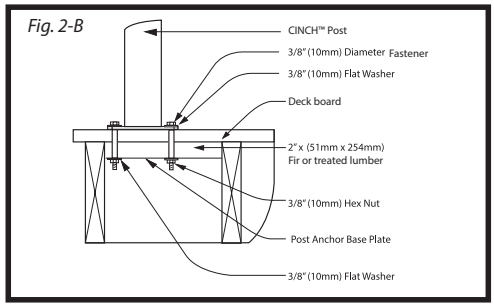


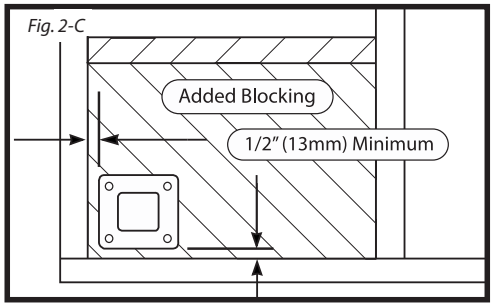
Fig. 1-A

STEP 2

If sufficient framing exists beneath deck boards where posts are desired, use 3/8" fasteners to secure posts (*see Fig. 2-A*). Be sure to use the appropriate fasteners for your installation. Check local building codes for load requirements. Where no framing exists, wood blocking must be installed using treated dimensional lumber (*see Fig. 2-C*) with a minimum thickness of 1-1/2", and posts secured with 3/8" fastener to the post base plate (*see Fig. 2-B*).







STEP 3

Use a level to ensure posts are plumb, adjusting with provided shims as necessary (*see Fig. 3-A*), and secure all posts using 3/8" fasteners as specified in Figs. 2-A and 2-B above, or as in accordance with local building codes for load requirements.

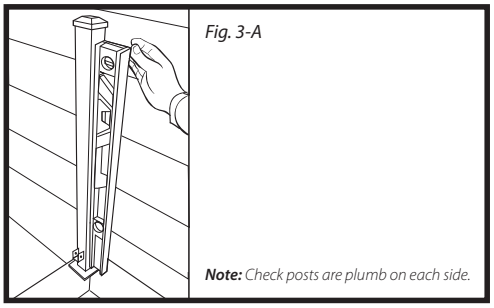


Fig. 3-A

Note: *Check posts are plumb on each side.*

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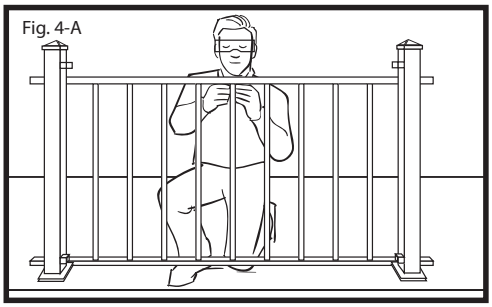
INSTALLING DECK POSTS AND RAIL PANELS (Continued)

STEP 4

Position rail panel between two posts so equal baluster spacing exists at each end (*see Fig. 4-B*). Measure the distance post to post and mark each end of the panel, subtracting 1/4" from each end to ensure bracket clearance (*see Fig. 4-C*). Cut panel and test fit to ensure proper fit (*see Fig. 4-D*). Paint cut ends and allow to dry prior to final installation. (*Use Rust-Oleum® Satin Canyon Black Color Code 249844 for Satin Black and Hammered Brown Color Code 210880 for Bronze.*)

Fig. 4-A



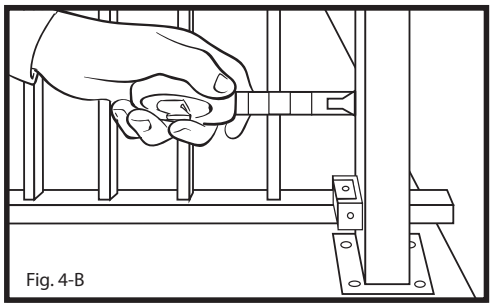


Fig. 4-B

Fig. 4-C

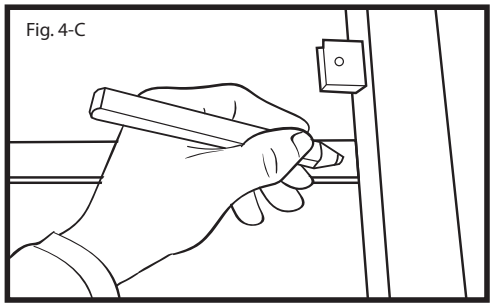
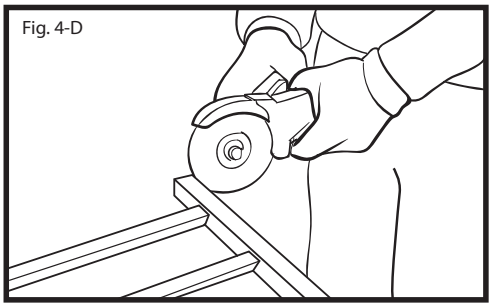


Fig. 4-D



STEP 5

Set panel in place and drill screw holes with a 5/32" metal drill bit, using the pre-drilled bracket as a guide (*see Fig. 5-A*). Attach panel to post bracket using two supplied fasteners [#10 x 1/2" Flat Head Sheet Metal Screw]. Place bracket cover over the rail next to the bracket and slide cover toward the post until it snaps into place (*see Fig. 5-B*). Complete post/panel installation by snapping 2-piece post skirt around the post base.

Fig. 5-A

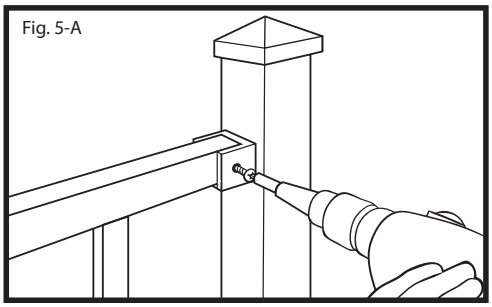
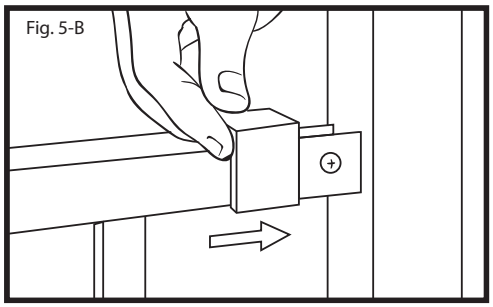
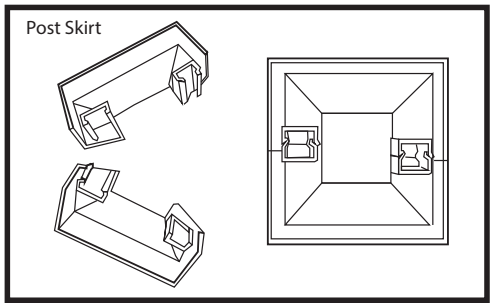


Fig. 5-B



Post Skirt



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IMPORTANT: Every stair installation will be different, the rise and run, post position and post height all need to be carefully laid out before post are permanently installed and panels are cut.

INSTALLING HEAVY DUTY STAIR BRACKET ON BLANK POST OR WOOD POST

STEP 1

See Steps 1-3 on the Install deck post and rail panels for post installation. Place support blocks on stair treads (*see Fig. 1-A*) to position railing panel at a height specified by local building codes. Adjust panel to parallel the stair rise and balusters parallel with the posts. Position rail panel between two posts so equal baluster spacing exists at each end. Temporarily secure the panel in place with clamps (*see Fig. 1-B*).

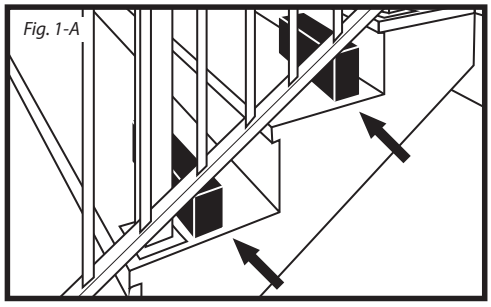

Fig. 1-A

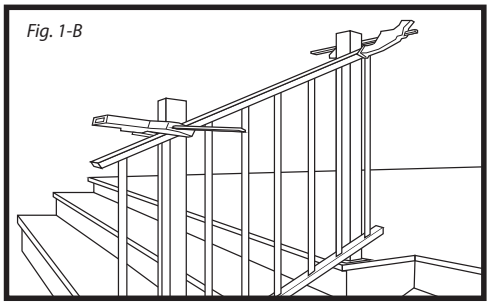

Fig. 1-B

Note: *Check balusters are parallel to posts.*

STEP 2

Position heavy duty stair bracket against post face so the rail half of bracket lines up with the railing. See figure 2-A. Mark a line on the railing 3/8" past the center of the set screw hole on the side of the bracket towards the post. Repeat at all rail ends. At the same time mark hole locations for the heavy duty bracket back plate to installed onto post, making sure centered onto the post. Pre drill these marked location with a 5/32" drill bit. Label top and bottom on the stair panel, then loosen clamps and remove panel for cutting Cut rails where previously marked. Paint cut ends of railing as previously described in the install instructions.

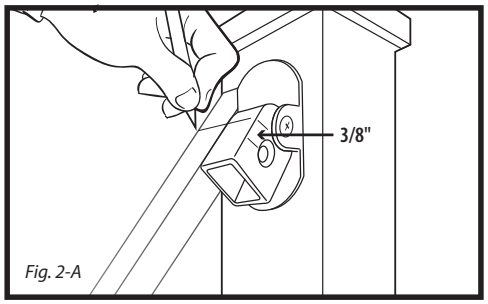

Fig. 2-A

STEP 3

Disassemble heavy duty stair bracket by unscrewing the barrel bolt screw and removing from assembly see figure 3-A. Attach the post back plate to the post with the provided #10x1" Flat head sheet metal screw fasteners at the predrilled locations. Position support blocks to help line up 2 bracket halves. Place rail half of the heavy duty bracket onto 4 ends of the railing and reinstall the barrel bolt through the assembly at all 4 locations. Pre drilling with 5/32" drill bit at set screw hole on the side of each bracket. Secure panel to bracket with provided set screw (#10x1" flat head sheet metal screw).

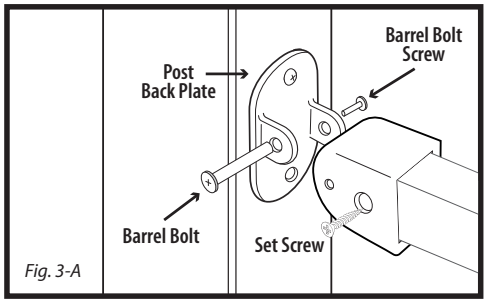

Fig. 3-A

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INSTALL HEAVY DUTY LEVEL ANGLE BRACKET ONTO A BLANK POST OR WOOD POST

IMPORTANT:
Every angle installation will be different, post position and post height all need to be carefully laid out before post is permanently installed and panels are cut.

STEP 1

See steps 1-3 on the install deck post and rail panels for post installation. Position the rail between two post so equal baluster spacing exists at each end and at the desired lower rail height as specified by local building codes. *(see Fig 1-A)*. Clamp the railing to the post. Position heavy duty level angle bracket against post face so the rail half of bracket lines up with the railing. *(See fig 1-B)*. Mark a line on the railing 3/8" past the center of the set screw hole on the side of the bracket towards the post. Repeat at all rail ends. At the same time mark hole locations for the post back plate to install onto post, making sure centered onto post. Pre drill these marked locations with a 5/32" drill bit. *(see Fig 1-C)* Label top and bottom on the stair panel, then loosen clamps and remove panel for cutting. Cut rails where previously marked. Paint cut ends of railing as previously described in the install instructions.

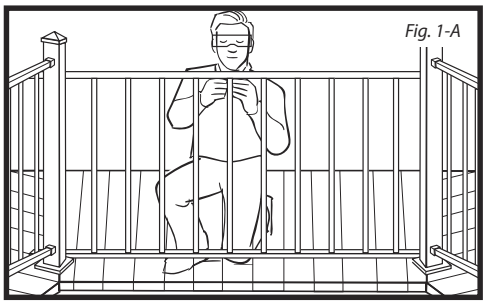
Fig. 1-A

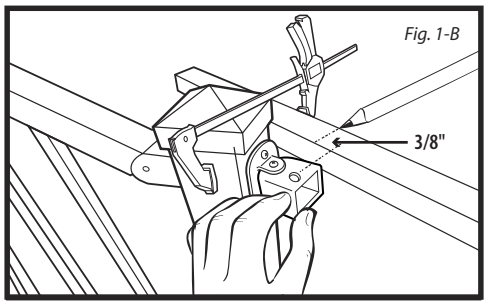

Fig. 1-B

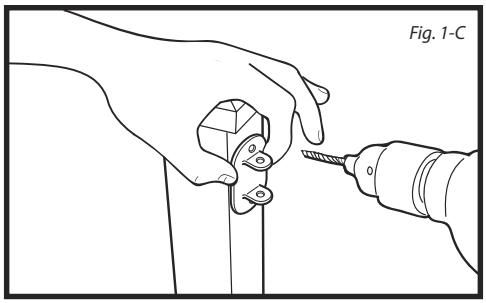
Fig. 1-C

STEP 2

Disassemble heavy duty level angle bracket by removing the barrel bolt screw and removing from assembly see figure 2-A. Attach the post back plate to the post with the provided #10x1" Flat head sheet metal screw at the pre drilled locations *(see Fig 2-B)*. Place rail half of the heavy duty bracket onto 4 ends of the railing and reinstall the barrel bolt through the assembly at all 4 locations. *(see Fig 2-C)*. Pre drilling with 5/32" drill bit at set screw hole on the side of each bracket. Secure panel to bracket with provided set screw (#10x1" flat head sheet metal screw).

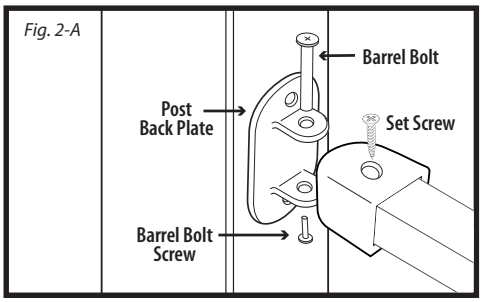

Fig. 2-A

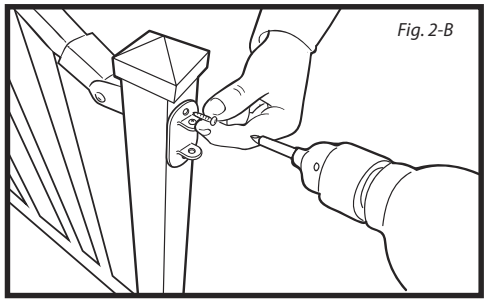
Fig. 2-B

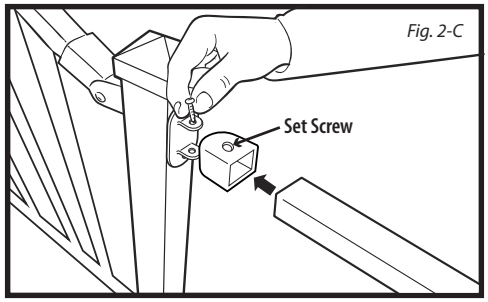

Fig. 2-C

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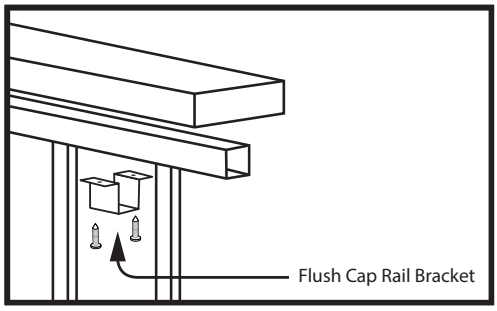
INSTALLING FLUSH CAP RAIL BRACKET



STEP 1

Measure and cut the wood/composite top rail.

STEP 2

Center the top rail on the top of the panel railing and temporarily secure with a clamp.

STEP 3

Position the flush cap rail bracket no more than 6" from the post at each end of the wood top rail (*see illustration above*). Using bracket screw holes as a guide, mark the screw hole locations on the top cap.

STEP 4

Space additional flush cap rail brackets no more than 28" on center along the length of the top rail and mark remaining screw hole locations.

STEP 5

Remove the top rail and pre-drill the marks using a 1/16" drill bit, taking care not to drill all the way through the wood/composite top rail.

STEP 6

Reposition the top rail on the panel and install brackets with the supplied [#8 x 1" Flat Head Wood Screw].

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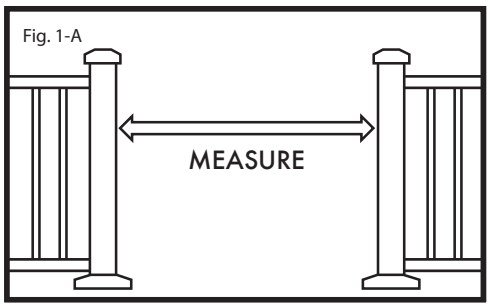
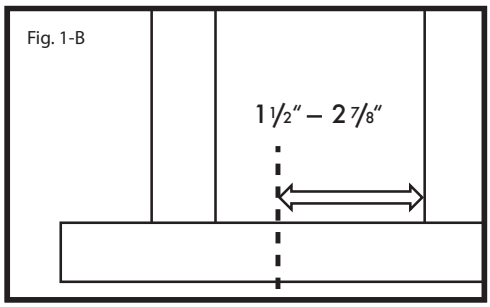
GATE ENDS ASSEMBLY AND INSTALLATION

HARDWARE REQUIRED FOR GATE ASSEMBLY AND INSTALLATION:
Gate End Kit (sold in pair), Level Panel (6' 8' or 10 depending on the opening), Gate Hinge Set (sold in pair) and Gate Latch Set.

STEP 1

Measure distance between posts at desired gate location (*see Fig. 1-A*). Subtract 4" from measurement to determine the cut length of the gate panel. Note: a minimum of 1-1/2" and maximum of 2-7/8" from first baluster is required to install gate ends (*see Fig. 1-B*).



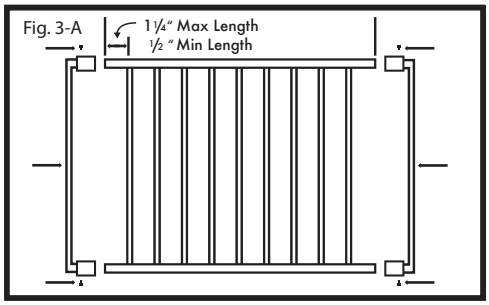


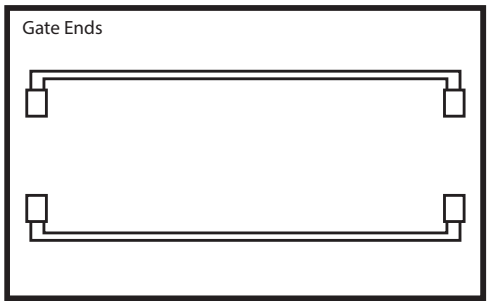
STEP 2

Cut panel and paint cut ends.

STEP 3

Fully insert the gate ends into panel rails ensuring that components are square. Pre-drill one screw hole per corner on the underside of the panel at top and bottom using a 5/32" drill bit (*see Fig. 3-A*). Fasten the gate ends to the panel using the provided fasteners [#10 x 3/4" Pan Head Screw].





STEP 4

Pre-drill holes and install gate hinges to post and gate at the desired height using provided fasteners.

STEP 5

Pre-drill holes and install the gate latch at the desired height, using fasteners provided.

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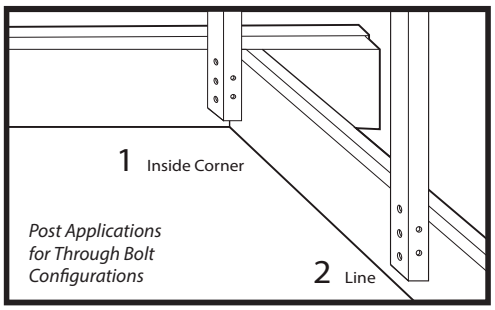
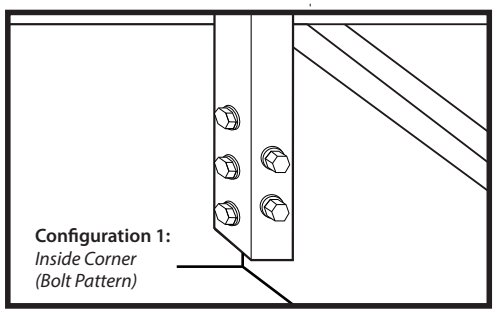
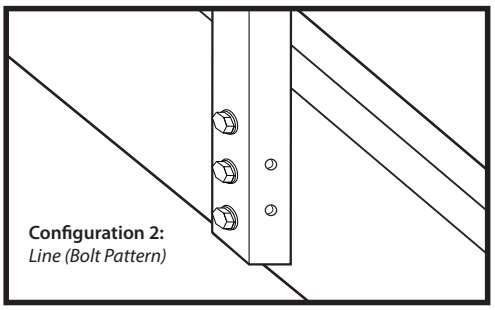
FASCIA MOUNTED POST INSTALLATION WITHOUT BRACKETS







STEP 1

Ensure that framing exists behind fascia or fascia board is reinforced with adequate blocking to exceed post installation load requirements.

STEP 2

Position post so that a minimum of 1.25" exists between the top edge of the fascia board to the first pre-drilled fastener holes. CINCH recommends through bolting posts whenever possible. *Refer to local building and safety codes for required anchoring specifications.*

STEP 3

Align post to ensure it is square to the deck surface. Position post as shown in *Configurations 1 & 2 (above)* according to Inside Corner or in Line requirements. Outside Corner installations require the use of brackets. Mark position of post holes on fascia board, and pre-drill holes using a 3/8" drill bit.

STEP 4

Position post over holes, and secure post loosely using appropriate 3/8" fasteners.

STEP 5

Check to see if post is square with deck surface. If adjustment is necessary, use supplied shims to square post and complete post installation by tightening fasteners securely.

STEP 6

Follow instructions provided to complete rail and stair bracket and panel installations.

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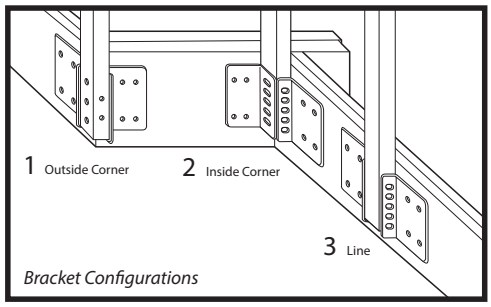
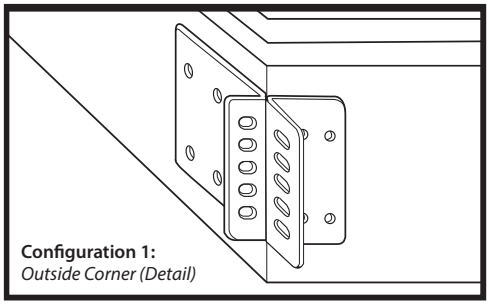
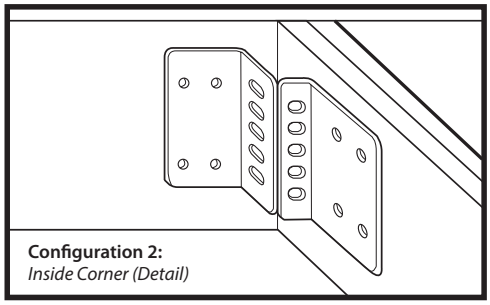
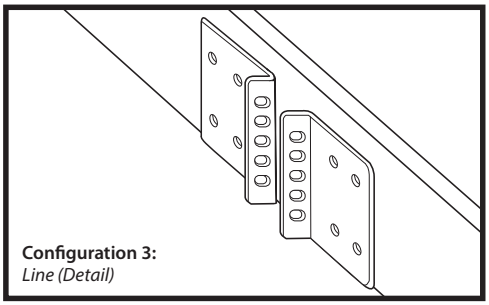
FASCIA MOUNTED POST INSTALLATION



Bracket Configurations


Configuration 1:
Outside Corner (Detail)


Configuration 2:
Inside Corner (Detail)


Configuration 3:
Line (Detail)

STEP 1

Ensure that framing exists behind fascia or fascia board is reinforced with adequate blocking to exceed post installation load requirements. Position brackets so that a minimum of 1.25" exists between the top edge of the fascia board to the first fasteners. CINCH recommends through bolting posts whenever possible (see *Bracket Configurations*). *Refer to local building and safety codes for required anchoring specifications.*

STEP 2

Align post to ensure it is square to the deck surface. Position brackets as shown in *Configurations 1-3 (above)* according to outside corner, inside corner or in line requirements. Mark position of bracket holes on fascia board, and pre-drill holes using a 3/8" drill bit.

STEP 3

Position brackets over holes and fasten to fascia board using appropriate 3/8" fastener.

STEP 4

Position post against brackets, aligning pre-drilled holes in post to bracket holes (*see suggestions on illustrations*). Secure post loosely using appropriate 3/8" fasteners.

STEP 5

Check to see if post is square with deck surface. If adjustment is necessary, use supplied shims to square post and complete post installation by tightening bolts securely.

STEP 6

Follow instructions provided to complete rail and stair bracket and panel installations.

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