



**Stair Line Post Installation Guideline**

*Note: These instruction guidelines apply only to the 1 3/4" Stair Line Post installation.*

Century Aluminums 1 3/4" stair line post allows easy installation of continuous top rail for stair rail applications between 30 and 40 degrees.

Locate the following parts in your post package.

Quantity	Item
1	1 3/4" Stair Post
1	Stair Post Mounting Plate (includes fasteners)
2	Bottom Swivel Angle Bracket (includes fasteners)

**Prior to installing the stair line post, your top rail must be installed (item # 3).**

- Determine the location of your stair line post. Never exceed 72" between any posts. The stair line post base plate should be located as to permit maximum lag penetration into your stair tread when you install your fasteners.
- Determine the height of your top rail. *Please check local building codes to ensure proper minimum height of your top rail.*
- Install your top rail using top swivel brackets to the post at the top of the stairs and the post at the bottom of your stairs. (Note; these swivel brackets are purchased separately).
- Place your stair line post in your pre-determined location. Place the post directly next to the top rail. Using a pencil, mark the angle of your top rail on the post, make this mark using the bottom side of the top rail as your guide.
- Cut your post just above the pencil line, but do not cut directly on or below the line. After you have made the cut a faint portion of the pencil line should remain on the post.
- Place the stair post mounting plate inside the top of the stair line post and install one #10 x 3/4" screw through the post into the stair post mounting plate. Install this screw on the "up hill" side of the post. Ensure the location of the screw will allow it to penetrate into the mounting plate tube that is inside the post. You may want to pre-drill a pilot hole first to allow for easier screw installation.
- Place your post in its final mounting location under the top rail.
- Align the stair mounting plate to the under side of the top rail.
- Fasten the post to your stair.
- Attach the stair post mounting plate to the under side of your top rail using the two #10 x 3/4" screws provided.
- Continue with the remainder of the railing installation by using the included two bottom swivel angle brackets to install the bottom rail. Refer to the swivel bracket instructions contained in the swivel bracket package (purchased separately)

**Note: \* For Continuous Top Rail requirements or stair lengths greater than 10ft. a Top Rail Sleeve (TRS) must be used. (see separate package)**

**\*Always check local building codes prior to installation of your railing.**

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