

# Stair Line Post Installation

Residential installation only. Commercial applications may differ. Always check with local building codes prior to purchasing and installing this product.

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

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

Prior to installing the stair line post, your top rail must be installed (see instruction #3)

1. Determine the location of your stair line post. Never exceed 96" 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.
2. Determine the height of your top rail. Please check local building codes to ensure proper height for your top rail.
3. Install your top rail using the top swivel brackets (*top swivel brackets sold separately*) to the post at the top of the stairs and the post at the bottom of the stairs.
4. 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 using the bottom of the top rail as a guide.
5. Cut your post just above the line, but do not cut directly on or below the line.
6. Place the stair post mounting plate into the post and install one #10 x 3/4" screw through the post and into the mounting plate tube. Install this screw on the uphill side of the post. You may want to pre drill a pilot hole first to allow for easier screw installation.
7. Place the post in the final mounting position under the top rail.
8. Align the stair mounting plate to the underside of the top rail.
9. Fasten the post to the stairs.
10. Attach the stair post mounting plate to the underside of the top rail using two #10 x 3/4" screws provided.
11. Continue with the remainder of the railing installation by using the included two bottom swivel brackets to install the bottom rail. Refer to the swivel bracket instructions included with the top rail swivel bracket package (*top swivel brackets sold separately*).

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

