

Tools and Items Needed

- Drill/power screwdriver
- Miter or circular saw with carbide tip blade
- Marked speed square
- Carpenter's level
- Carpenter's pencil
- Adjustable wrench or socket wrench for bolts, etc.
- Safety glasses/goggles
- Rubber mallet
- Tape measure

Contents

2 - 6' or 8' aluminum rails with baluster connectors installed (Connectors not included in à la carte kits)

1 - level or stair bracket kit

16 - #8 x 3/4" screws (8 - #8x3/4" and 8 - #8x1-3/4" screws for stair kits)

15 balusters (12 for stair kits, 20 for 8ft line kits), (balusters not included in à la carte kits)

30 - 1" metal sheet screws (40 for 8ft rail) in à la carte kits only

In-Line Railing Installation Instructions

Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36".

Read instructions completely to get an understanding of how the product goes together and how each piece affects the other.

Step 1 Determine the number of railing posts needed for your deck. Post spacing is 6' or 8' on-center. Example: A 12x16 deck attached to a building with a 4' access opening on one side will require a total of eight posts.

Step 2 Installing posts: Install posts by attaching the aluminum base to the surface of the deck. Position the post so the fastener will go into the floor joist, and make sure the decking is firmly attached to the joist at the location of the posts. Proper structural blocking/framing under the decking material is required when attaching the post to a wood frame deck because decking alone is not approved as structural framing.

Step 3 Position the post assembly onto the location where it will attach to the deck. Four 3/8" diameter mounting holes are provided on the base. When the final position is determined, mark the base hole locations. Remove the post assembly and drill 15/64" holes in the marked locations into the deck and reinforcement.

Step 4 Reposition the post assembly over the predrilled holes and insert the fasteners (not included). Secure the base to the deck structure. Make certain the posts are plumb. If the post requires adjustment, add stainless steel washers under the base plate.

Step 5 Finish by sliding a post base trim (optional) over each post for a finished look. *Note: Installing the post base trim prior to installing the bottom rail is recommended. However, the two-piece design does allow the installer to add the post base trim after the rail has been installed.*

Step 6 For à la carte rails: Install baluster connectors using sheet metal screws included in the à la carte kits. Install using pre-drilled holes. Do not over tighten.

For rail kits: Baluster connectors are attached to bottom and top rail, but should be fully tightened by hand to railing before being installed. Do not over tighten.

Step 7 Measure the distance between installed posts to determine the length of the top and bottom rails (fig. 1). Lay bottom rail on deck. The distance between the post and the first baluster should be less than 4" and equal on both

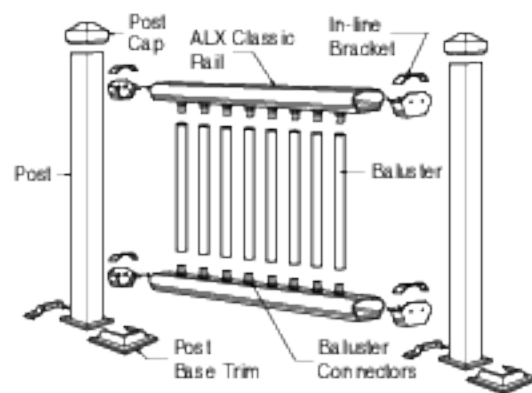


fig. 1

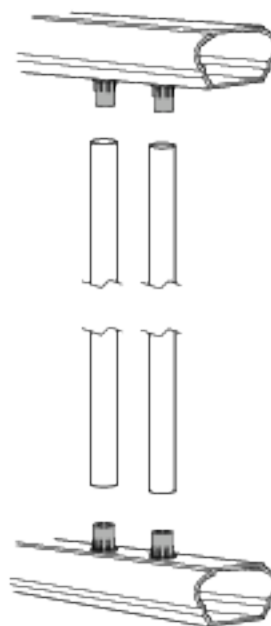


fig. 2