

A310 FIXED-PITCH STAIR RAILING INSTALLATION GUIDE

Review all local building codes before starting the installation. Wear proper safety equipment.

ALWAYS LAY RAILING ON CLEAN & SOFT SURFACE TO AVOID DAMAGE

FAIRWAY

ARCHITECTURAL RAILING SOLUTIONS



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STAIR RAIL FIXED-PITCH KIT INCLUDES:

- 1 - 2" x 2-3/4" Sculpted Top Rail w/Baluster Connectors Installed
 - 1 - 1" x 1-7/16" Bottom Rail w/Baluster Connectors Installed
 - 3/4" Round Aluminum Balusters - 9 per 4' Kit • 14 per 6' Kit • 18 per 8' Kit
 - 2 - Bottom Stair Rail Fixed-Pitch Brackets
- Top rail brackets sold separately.

Step 1 - Plumb and Sleeve Post

- Mount & plumb surface post mount (bolts & shims not included).
- Slide sleeve over post mount and check for plumb (see Step 1 illustration).

Step 2 - Cutting Bottom Rail

- Set bottom rail on stair nosing (make sure baluster connectors are in correct direction).
- Balance distance between post & baluster so equal both top & bottom.
- Allow for maximum distance (see local building code for Max. openings).

Step 3 - Cutting Top Rail

- A.** If posts are plumb, distance at bottom rail should be the same for top rail. If so, find mark rail (same as bottom rail) at post to post measurement, (make sure end baluster distance matches bottom rail).
- B.** With top rail marked, deduct 3/4" from both ends and cut to length.

Step 4 - Assemble Rail

- A.** Lay top rail with connectors facing up. Starting from one end, slide baluster over connector & tap in place with a rubber mallet. Install all balusters.
- B.** Repeat process with bottom rail. Take care when hitting bottom rail with mallet.

Step 5 - Installing Stair Rail

- A.** Clean cut ends of top & bottom rails to allow for brackets (use a knife to scrape aluminum cut edge).
- B.** Slide brackets on top & bottom rail ends. Set rail between post and adjust to proper height (recommended to let rail rest on stair nosing when possible). Check local building codes for height & opening restrictions.
- C.** Center rail section on post. Drill 1/8" pilot in all mounting brackets for mounting screws. Using a #2 square drive bit, install mounting screws.
- D.** With all eight screws installed, adjust spacing between baluster & post if necessary (be sure distance is the same at top & bottom rails.) Install one #8 x 3/4" color match screw in bottom of the top rail bracket in to secure rail in place.
- E.** Cut post to proper height & install post caps.

