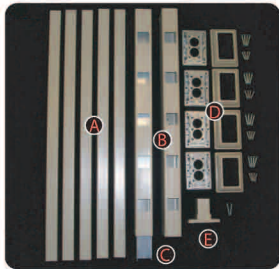


Step-By-Step Instructions for Installing Your QS Pro Railing System



4' - 9 spindles
6' - 13 spindles
8' - 18 spindles
10' - 22 spindles

Before beginning your installation make sure you have all the parts shown above.

- A** Spindles (see quantities above)
- B** (2) Pre-routed Rails
- C** (1) H-Channel for top rail. (10' rail section comes with (2) H-channel for top & bottom rail.)
- D** (4) Railing Brackets w/screws
- E** (1) Center Support w/screws



IMPORTANT: Trim post sleeves to 40" for a 36" high rail or 46" for a 42" high rail.

Step 1: Slide on post sleeves. For Standard and T-Rail only, measure distance between sleeves and, if needed, make any adjustments to rail length. Subtract 1/4" from measurement trimming rails and H-channel equally on both ends. **NOTE:** Remove H-channel prior to cutting rail and then reinsert. **If installing contoured or custom railing sections, no adjustments are necessary.**



Step 2: Slide base trim onto posts. Locate bottom bracket position by measuring 3/4" from top of base trim, using a pencil, draw a line.



Step 3: Place bottom edge of bracket plate on line, center on post and mark screw holes. **IMPORTANT:** Use 6 inside holes only.



Step 4: Pre-drill marked holes for easier application using a 1/8" drill bit.

The following measurements are for 32" or 38" balusters only.



Step 5: Attach bottom bracket plate to posts using 6 - 2" stainless steel screws (provided) per bracket. Position bracket plate as shown.

Standard and T-Rail Only
UPPER BRACKET PLACEMENT
For a 36" rail height, the distance from the bottom of the lower bracket to the bottom of the upper bracket is **30 1/2"**. Install upper brackets at this location.
For a 42" rail height, the distance from the bottom of the lower bracket to the bottom of the upper bracket is **36 1/2"**, install upper brackets at this location.

Contoured Rail Only
UPPER BRACKET PLACEMENT
For a 36" rail height, the distance from the bottom of the lower bracket to the bottom of the black flat piece of the upper bracket is **31"**. Install upper brackets at this location.
For a 42" rail height, the distance from the bottom of the lower bracket to the bottom of the black flat piece of the upper bracket is **37"**. Install the upper brackets at this location.

IMPORTANT: Position top or bottom bracket plates as shown.



Step 6: Locate top bracket position by following the measurements above for your handrail style and install bracket plates.



Step 8: Place bottom rail onto bracket plates making sure rail rests firmly on tabs as shown.



Step 9: Secure rail to brackets by attaching 4 - 1" stainless steel screws (provided) per bracket. Pre-drill holes for easier application. **IMPORTANT:** Skipping this step will void the warranty.



Step 10: Starting at one end begin inserting spindles into holes in bottom rail.



Step 11: Slide trim pieces onto both ends of top rail and begin feeding the rail down onto the pickets. Make sure rail is resting firmly on tabs as shown. Repeat Step 9 for securing rail. Place a small bead of vinyl adhesive to the tabs on inside of trim pieces and press firmly into place.



Step 7: Attach center support to center of bottom rail using screws provided. Drill (2) 3/8" weep holes. **IMPORTANT:** Slide trim pieces onto both ends of bottom rail.



Step 12: Place a small bead of glue to inside rim of post caps and set onto post.

Your QS Pro railing section is now complete. To keep your QS Pro railing clean, simply spray it down with an ordinary garden hose and mild soap. If neither method gives you satisfactory results, visit www.qsprailing.com for additional cleaning tips.