

PROMENAID® HANDRAIL INSTALLATION GUIDE

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 Videos: <https://promenaid.com/learning/how-to-videos>

BEFORE YOU START - PLEASE READ ALL INSTRUCTIONS CAREFULLY

Remove vinyl insert from channel before beginning installation

Use handrail tube as-is, or trim to length with a miter saw



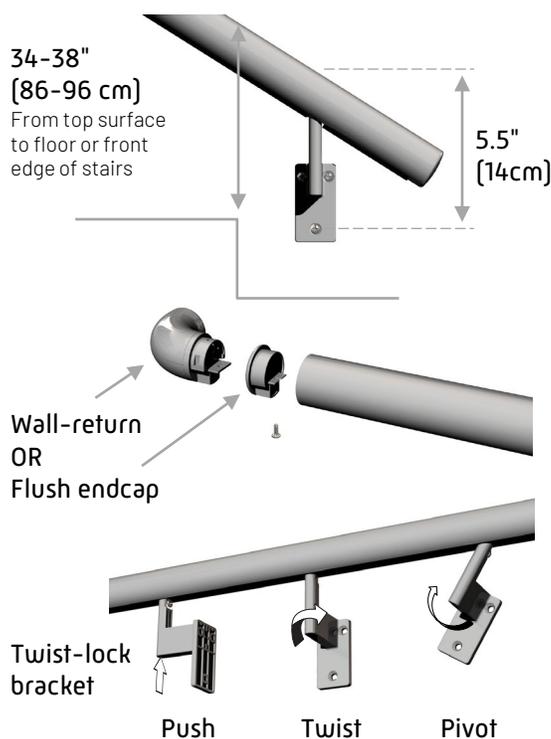
BILT.

Easy 3D instructions

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DO NOT ATTACH BRACKETS TO WALL CLADDING. Screws must fix securely to wood studs, concrete, brick, or other structural members. Substitute concrete screws or use appropriate wall anchors when attaching to masonry.

RAILINGS GREATER THAN 96": Handrails longer than 96" (240 cm) are shipped in two or more pieces. Attach the pieces together using the splice kit and instructions supplied.



- 1 Handrails should be installed with top surface 34" (86 cm) to 38" (96 cm) above floor or stairs. Adjust as necessary for the height of the user(s). Mark position of far right and far left brackets on the wall, between 2" (5 cm) and 6" (15 cm) from the ends of the handrail tube. For hollow walls, use a stud finder to locate studs and adjust the position of brackets so that their attachment screws will line up with the structural members. Starting with a bracket at one end, mark position of lower bracket screw on the wall, 5-1/2" (14 cm) below the top surface of the handrail.
- 2 Insert endcaps or 90-degree wall returns into ends of tube, tapping with a wooden or plastic hammer if necessary. To secure them, screw the provided set screws through the notch (endcap) or hole (wall return) into the narrow groove in the railing channel. Hold endcap or wall return firmly in place while attaching.
- 3 Attach a bracket to the railing at one end only (additional brackets are added after the railing is secured to the wall). With the bracket head fully seated in the railing channel in the desired position, twist bracket clockwise 90 degrees. You should feel the bracket lock into place. After it is locked, pivot bracket so that it will be aligned vertically on the wall.

MARK AND DRILL PILOT HOLES FOR FIRST BRACKET: Using a bracket aligned vertically with the stud as a guide, mark locations of the two upper screw holes. For wood studs, drill pilot holes for the three screws using a 5/32" bit. **NOTE:** Angle top pilot holes slightly inward towards center of stud to prevent splitting.

ATTACH FIRST BRACKET loosely to wall with three screws. Use a #3 Philips head bit at least 3" (7.5 cm) long to avoid damaging bracket with drill chuck. Next, clip a bracket in place at the other end of the railing. Position railing on the wall matching the angle of the stairs (or horizontal if above a floor). Adjust bracket placement in the handrail to ensure that when the handrail is in the desired position the second bracket is vertical and aligned with a stud. Mark locations of the three screw holes for the second bracket.

PIVOT HANDRAIL OUT OF THE WAY TEMPORARILY and drill pilot holes for the three screws as before. Reposition handrail and attach second bracket. For railings longer than 38" (96 cm): after the handrail is screwed loosely to the wall with the two end brackets, install additional bracket(s) where screws will penetrate the wall structure. Brackets should be spaced maximum 32" (80 cm) apart for safety. Install remaining screws, making sure that brackets are vertical. Tighten all screws securely.

INSTALL ANTI-SLIP INSERT: With a sharp knife or shears, cut vinyl insert to fit between brackets and push into place in channel with ribbed side facing outwards and two small latches facing inwards. Pinch to insert one end and press latches into place an inch at a time, alternating from side to side.

Problems? Call 888-992-4943

Promenaid® handrails and grab bars are guaranteed for five years against all manufacturing defects. Installation must be performed by qualified personnel.