

Installation Guide

Handrail kit with pivoting brackets for horizontal or angled applications

promenaid[®]

For All Walks of Life

Before you start - please read all instructions carefully

Supplies: Tape measure, stud finder, level, electric drill/screwdriver, screws. Use three screws per bracket, minimum size #12, of sufficient length to penetrate at least 2" (5 cm) into inner wall structure. Oval or flat-head screws are recommended.

Do not attach brackets to wall cladding. Screws must be of appropriate type and must fix securely to wood studs, concrete, brick, or other structural members.

Measure and mark

Install handrail with the top surface between 34" (86 cm) and 38" (96 cm) above the floor or stairs (Fig. 1). Adjust as necessary for the height of the user(s).

Mark the position of the far right and far left brackets on the wall, between 2" (5 cm) and 6" (15 cm) from the ends of the handrail tube (Fig. 1). For hollow walls, use a stud finder to locate the studs and adjust the position of the brackets as necessary so that their attachment screws will line up with the structural members.

Mark the position of the right and left bracket lower screws on the wall, 5-1/2" (14 cm) below the top surface of the handrail (Fig. 1).

Prepare handrail

Insert endcaps or ADA returns into the ends of the tube, tapping with a wooden or plastic hammer if necessary. To secure them, screw the provided set screws through the notch (endcap) or hole (ADA Return) into the narrow groove in the railing channel. Hold fittings firmly in place while attaching (Fig. 2). Do not overtighten.

Railings greater than 108": Handrails longer than 108" are shipped in two or more pieces. Attach the pieces together by fitting the supplied splice in the channel and installing the six set screws, three in each section of railing. Do not overtighten.

For angled installation (stairs or ramps): Unlock the stainless steel head on each bracket by loosening the screw on the back of the bracket and pulling the head up to disengage the pin (Fig. 3). Retighten the screw. This will permit the bracket to be pivoted to a vertical orientation AFTER the bracket is fixed to the railing.

Attach a bracket to the railing at one end only (additional brackets will be added later, after the railing is secured to the wall): With the bracket head fully seated in the railing channel in the desired position, twist the bracket clockwise 90 degrees (Fig. 4). You should feel the bracket lock into place at the correct angle.

Attach handrail to wall

Place the railing with one bracket against the mark on the wall and check the location. Adjust the bracket position if necessary by unlocking, sliding, and relocking it. When you are satisfied, screw the bracket loosely to the wall through one hole.

To avoid splitting wooden studs, drill pilot holes before attaching screws. Top screws should be angled slightly inward towards the center of the stud.

Install the second bracket at the other end of the railing, in line with the second mark. Check for levelness or correct angle and attach to the wall with one screw.

Railings longer than 36" (91 cm): After the railing is attached to the wall with the two end brackets, install additional bracket(s) where screws will penetrate the wall structure. Brackets should be spaced minimum 32" (81 cm) apart for safety.

Install remaining screws, making sure that brackets are vertical. Tighten securely.

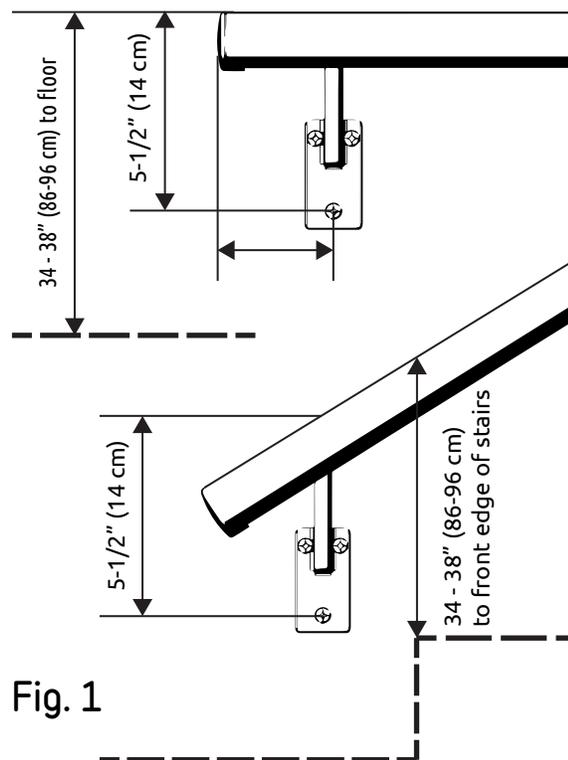


Fig. 1

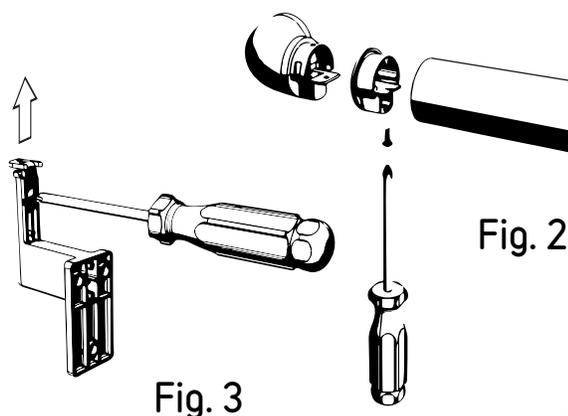


Fig. 2

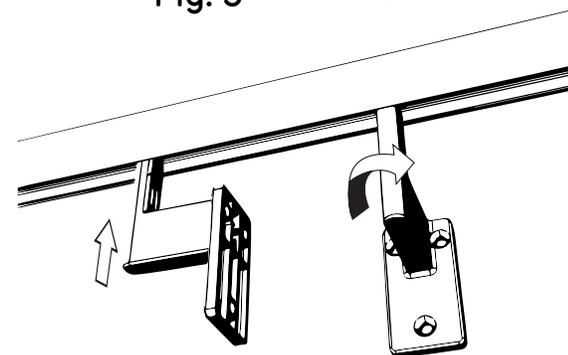


Fig. 3



Fig. 4

PromenAid[®] handrails are guaranteed for one year against all manufacturing defects. **Installation must be performed by qualified personnel.**

www.promenaid.com
customerservice@promenaid.com