



Scan for Angle Chart

Instructions for Grab N Go Secondary Handrail component installation

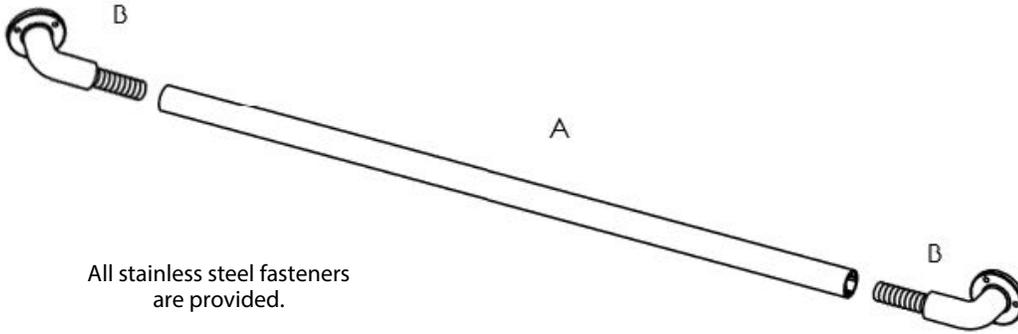


Component List:

- A) 1 1/2" x 90" Straight Handrail
- B) Return Bracket (2)

Tools Required:

- Drill
- 11/64" Drill Bit**
- Level
- Rubber Mallet
- File
- Miter Saw
- Tape Measure



All stainless steel fasteners are provided.

Installer is responsible for quality workmanship and meeting all building codes. Always wear safety goggles.

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1 Before You Start

Color Guard Secondary Handrail Overview:

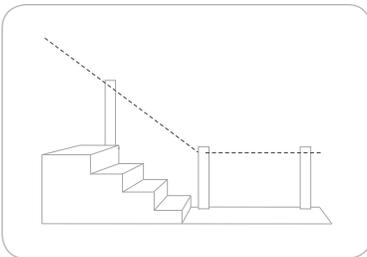
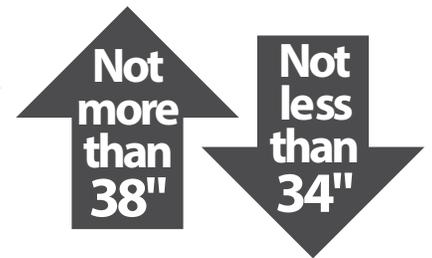
It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation.

Secondary handrail height, measured above stair tread nosing, or finish surface of ramp slope shall be uniform, **not less than 34 inches and not more than 38 inches**, as stated in the 2021 International Building Code *

1012.2 Height. **Please check local building codes as code interpretation may vary by municipality.**

Start all Secondary Handrail installations by laying out and marking the desired height of the top of the Secondary Handrail on all posts and mounting surfaces. This Secondary Handrail layout line will be used in the following steps for mounting all components.

Handrail height:



2 Install the Return Bracket

Align the return bracket according to the Secondary Handrail layout line and mark attachment hole positions.

Pre-drill and attach return brackets to end posts with 3 supplied, color-matched fasteners.

Measure the distance between return brackets and cut the secondary handrail to length. Remove one of the return brackets for installation of the secondary handrail. Insert one end of the secondary handrail into the attached return bracket and then place the return bracket that was removed onto the other end of the secondary handrail. Re-attach the return bracket to the post.

To secure the secondary handrail to the bracket, pre-drill with 11/64" drill bit and then attach the handrail to the bracket using the appropriate colored screw provided. Using any other size can cause screw or thread failure.

proTIP: When cutting secondary handrail, use a miter saw with a fine-toothed carbide tipped blade with at least 80 teeth. File the inner diameter and ribs of the handrail for better engagement.

