

# Stair Banister Adapter Installation Guide

## by Smart Retract

**Parts Included:** 1 Adapter, 4 straps, 4 screws, 4 nuts, 5 washers (one extra)

**Tools Needed:** #2 Phillips screwdriver, measuring tape, scissors or wire snips

### When to use the Stair Banister Adapter:

Stair Banister Adapter Kits are used to attach the Retract-A-Gate brackets to wood or metal posts in locations where the standard brackets will not fit or if you prefer not to drive screws into your posts. One Adapter Kit is sufficient for one side of the opening. If banisters or balusters exist on both sides of the opening, two kits may be required. The Adapter is designed to fit most styles of wood or metal posts or spindles.

**Note:** Inspect daily, and do not use if any parts become missing or damaged. Use these instructions only after understanding the installation instructions used with Retract-A-Gate.

### General Installation:

For a bottom of the stairs installation, we always recommend putting the gate at the lowest level to the floor. It may seem easier to install the gate up one or two steps; however, if a child steps up to reach the top of the gate they have further to fall if they lose their grip. See the Recessed Stair Post Installation instructions for effective ways to install the Adapter for this type of stair post. **The adapter can be cut to length as needed, but no less than 32 inches.**

### Step 1:

Insert a screw through a finishing washer then through the bracket mounting hole for both sides of the bracket (brackets come with the gate). Turn a nut onto each screw a maximum of 1-2 turns with serrated side of nut facing the bracket. Leave the nuts loose to slide into the slots of the Stair Adapter. Then repeat for a second bracket.

### Step 2:

Be sure the opening of the bracket hooks face away from the direction of pull. Position the bottom bracket to be 3-4 inches off the floor and the top bracket to be 31 inches from the floor. The Stair Adapter is reversible; there is no top or bottom to it until the brackets are attached.

### Step 3:

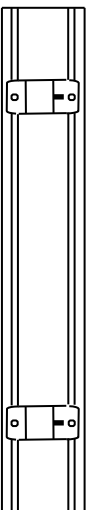
Firmly tighten the screws to hold the bracket evenly in place. Make sure the bracket is mounted squarely. (*Hint: Tip the bracket to the side while tightening to help hold the nut from rotating during tightening*). For added security, be sure to position the brackets so the opening of the bracket faces away from the stair case.

### Step 4:

Hold the Adapter in place against the post (before attaching the straps) and ensure the horizontal distance (across the opening) between upper and lower brackets is identical. If the distances are different, make any adjustments before attaching the straps. Have a helper assist with measuring. Next, verify the heights of the brackets are 3-4 and 31 inches from the floor before continuing.

### Step 5:

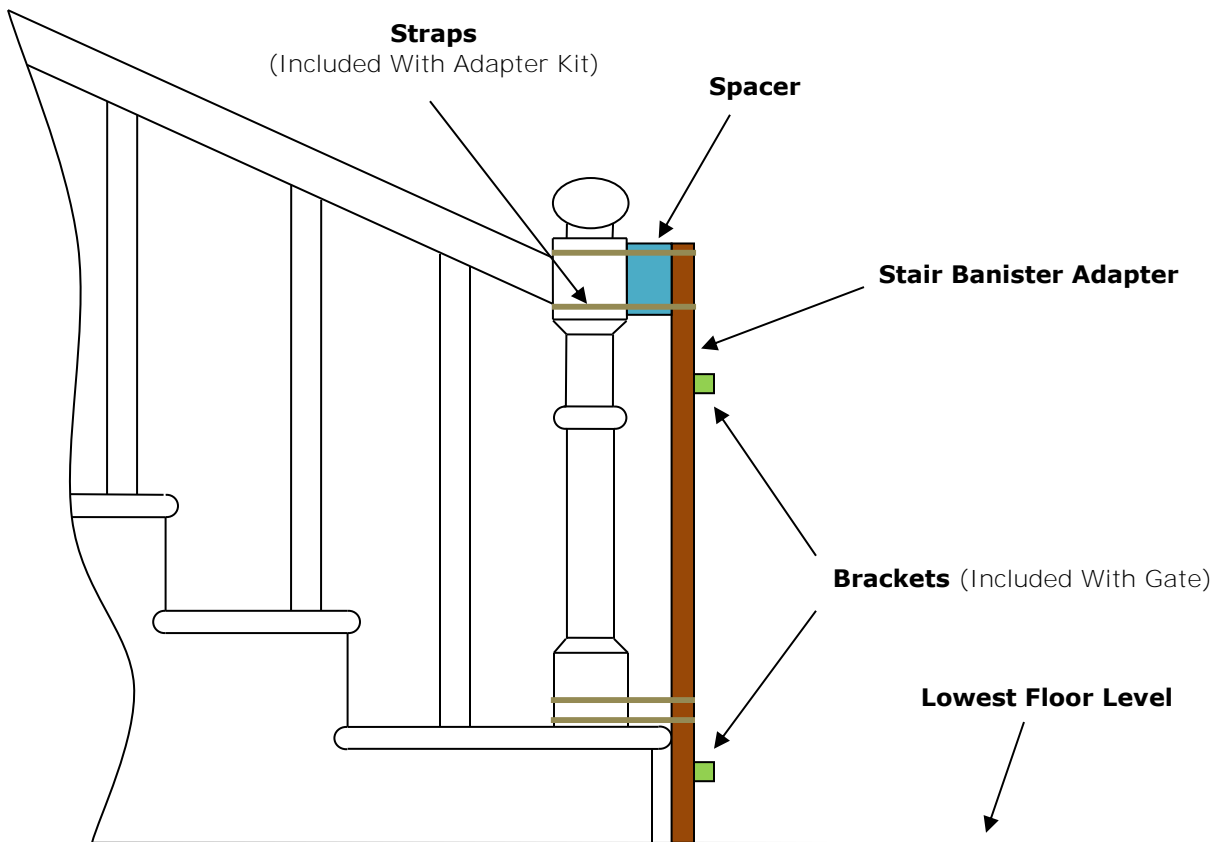
Once the position of the Adapter is confirmed, secure the Adapter in place with the included straps. Place a strap directly below and above each bracket. Tighten the straps securely by hand, but DO NOT over-tighten or cause the Adapter to be bowed or twisted. Finally, trim the excess of the strap flush and hook the Retract-A-Gate in place.



## Recessed Stair Post Installation by Smart Retract (for a Retract-A-Gate Stair Banister Adapter Kit)

Below are easy instructions for installing a Retract-A-Gate using a Stair Banister Adapter Kit on a recessed stair post. First, for a bottom of the stairs installation, we always recommend putting the gate at the lowest level to the floor. It may seem easier to install the gate up one or two steps; however, if a child steps up to reach the top of the gate they have further to fall if they lose their grip.

The illustration below shows a side view of a bottom stair case with a post which is recessed from the edge of the step. To allow Retract-A-Gate to mount at the lowest floor level a spacer will be needed to keep the Banister Adapter plumb (vertical, not angled in). The spacer thickness will depend on how far the post is set back from the edge of the step. We offer sets of spacers which are 1/8 inch thick and may be stacked if needed; however they must be secured so they don't dislodge. Attach the straps securely and install the Brackets as described in the **Stair Banister Adapter Installation Guide** (on page 1). For added stability and security, screws may be used to anchor the spacer and Adapter to the post and step. The Retract-A-Gate (not shown) would then attach to the Brackets. Inspect the installation daily to ensure parts have not shifted and are working properly.



Website: [www.SmartRetract.com](http://www.SmartRetract.com)  
 Email: [info@SmartRetract.com](mailto:info@SmartRetract.com)  
 Phone: (877) 588-2530

Smart Retract Inc.  
 2530 Kerper Blvd.  
 Dubuque, IA 52001 USA

**For other innovative retractable products visit [SmartRetract.com](http://SmartRetract.com)**