

ALUMINUM RAILING



GILPIN INC

MIDWAY STYLE



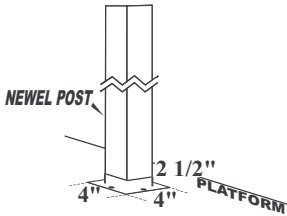
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MIDWAY STYLE Aluminum Rail Installation Instructions For 36" Using "Installation Spindles"

TOOLS

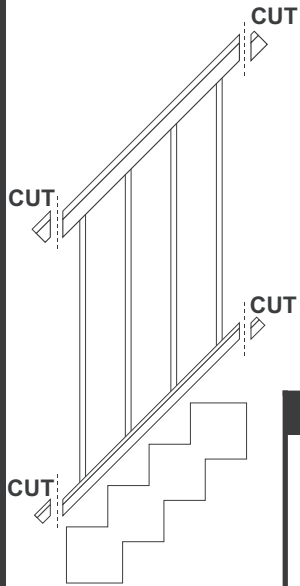
Carpenter's Level, Hacksaw, Tape Measure, Phillips Head Screwdriver, Drill with 9/64th drill bit and Rubber Mallet

STEP 1



Determine location of newel posts, and install with edge of flange at least 2 1/2" from edge of platform. Mark holes in mounting surface through the holes in the floor flange. Drill holes to proper size for installation fitting being used.

STEP 2



Mark and cut railing with a hacksaw to fit snugly between newel posts, unless Kingsford adjustable end fitting is used.

- Note that for steps, ends must be cut at an angle. Cut EQUAL amounts from each end of rail.

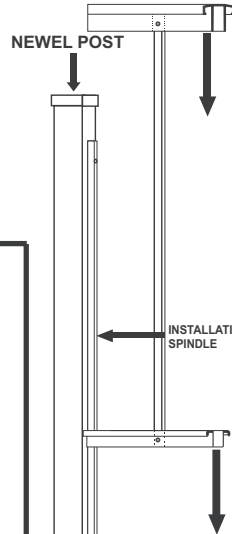
STEP 3

(1) Measure up from the platform 36" or 42", depending on whether you are installing rail intended for 36" or 42" high installation.

(2) Locate Installation Spindle top at this point in the center of the post side to side and drive the #8 Pan Head screw through the top and bottom hole of the Installation Spindle to fasten to the Newel Post

(3) Mark and cut 1 1/2" railing with a hacksaw to fit snugly between newel posts.

STEP 4

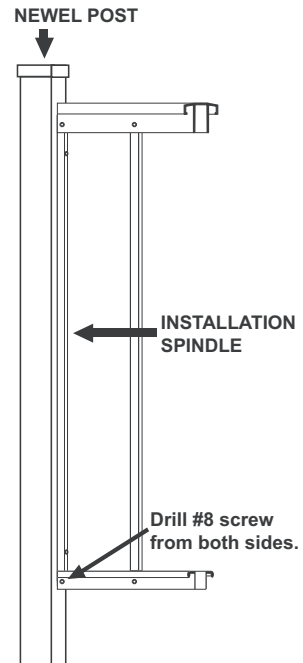


Starting with bottom rail slide the rail section down over the installation spindle.

STEP 5

Each railing section 4' and longer comes with at least one extra long spindle that extends to the floor in order to provide added strength. Spindle flanges are available to decorate and anchor this where it meets the floor, but are not necessary.

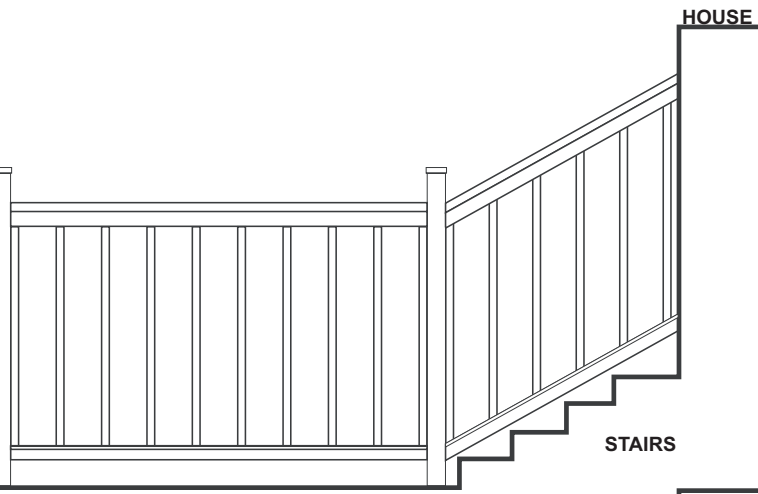
STEP 6



Position the railing on the spindle so that the railing rests on the top of the spindle on the post. Next, using the #8 Pan 1/2" Head screw, drive a screw through the cross bars and the spindle fitting to secure the railing. Do this on each side of the railing, top and bottom.

STEP 7

Finished Installation Example



*NOTE

- When installing railing on steps, we recommend a 43" or 48" post. Stock posts can be cut to desired length.
- When installing the posts in-ground or core-drilling, we recommend a 48" post without a flange to allow for approximately 6" to go into cement, or 22" to go into the ground.

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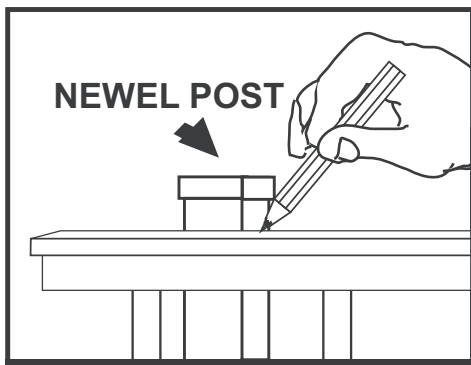
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MIDWAY STYLE Aluminum Rail Installation Instructions For 36" & 42" USING ADJUSTABLE FITTINGS

TOOLS

Carpenter's Level, Hacksaw, Tape Measure, Phillips Head Screwdriver, Drill with 1/8" drill bit, and Rubber Mallet

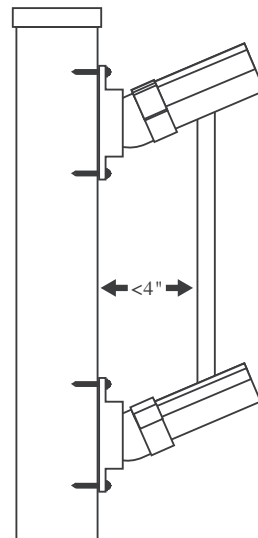
STEP 1



Mark and cut railing with a hacksaw to fit snugly between newel posts. Note that step rails must be cut on an angle unless a KINGSFORD adjustable end fitting is used.

STEP 2

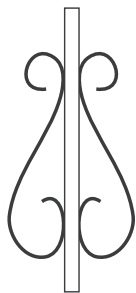
VERTICAL/HORIZONTAL SWIVEL FITTING



When using a swivel fitting it is usually necessary to cut the top and bottom cross bar in order to maintain less than 4" spacing between the post and the first spindle.

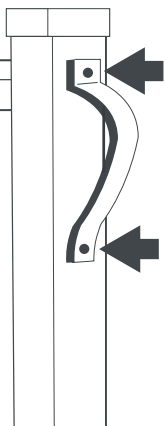
The spacing is necessary to maintain most code requirements.

FOR ALL MODELS



TO ATTACH ORNAMENTS:

Drill 1/8" hole in pickets. Fasten with # 8x1/2" stainless steel screws that are provided with each scroll.



TO ATTACH LAMBS TONGUE:

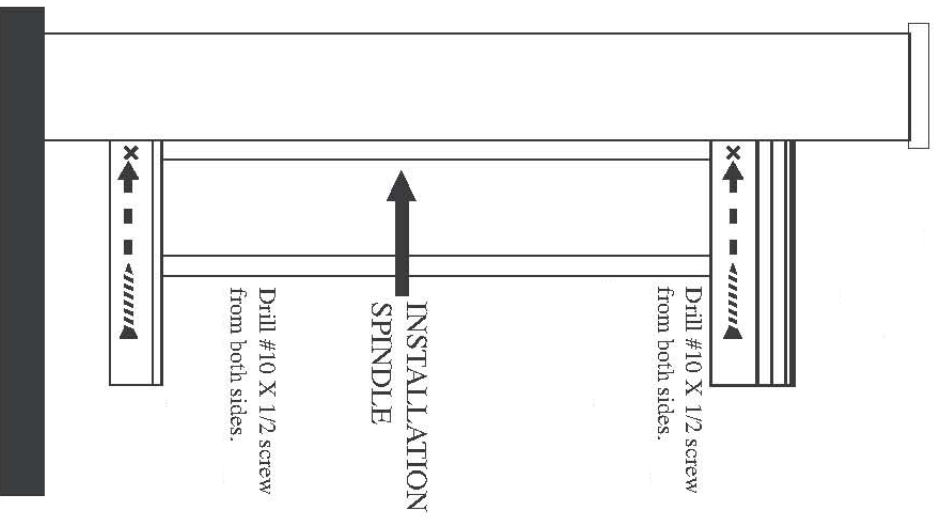
Set lambs tongue in desired position and mark holes to be drilled. Drill two 1/8" holes and attach lambs tongue with #8 Pan Head stainless steel screws provided with the lambs tongue.

INSTALLATION OPTIONS

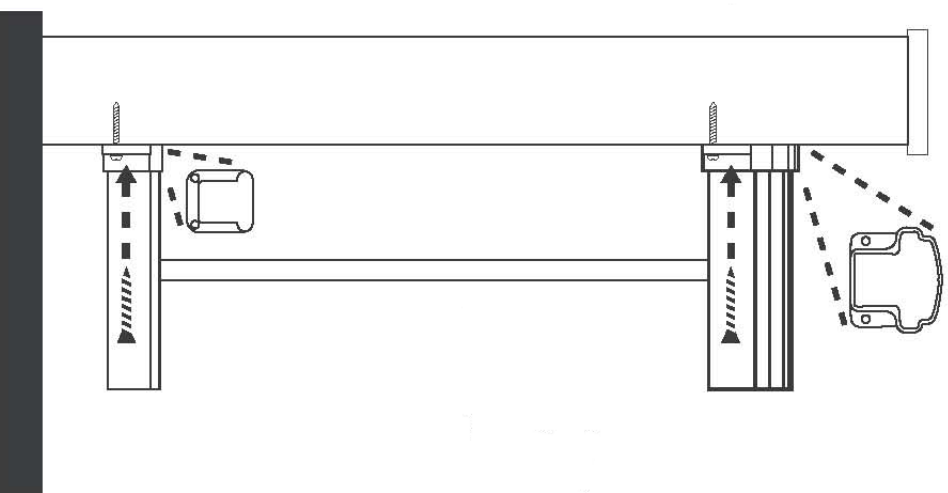
When using a swivel fitting it is usually necessary to cut the top and bottom cross bar in order to maintain less than 4" spacing between the post and the first spindle.

This spacing is necessary to maintain most code requirements.

INSTALLATION SPINDLE



WALL MOUNTED FITTING Summit Only



VERTICAL/HORIZONTAL SWIVEL FITTING

