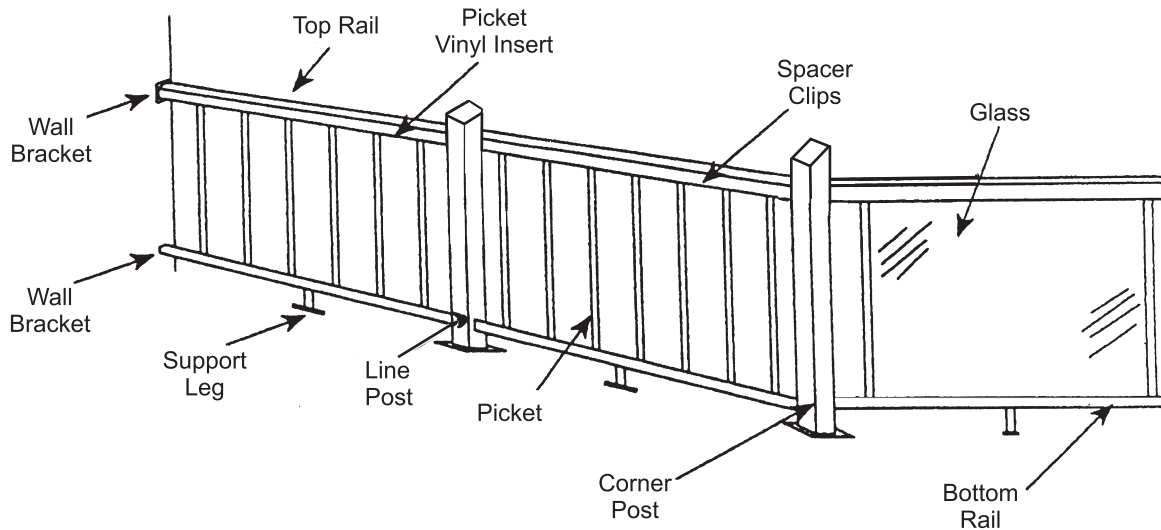
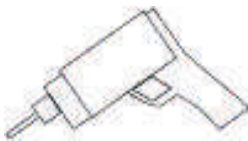




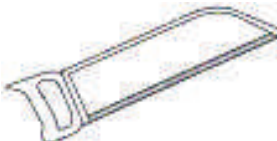
# HOME-RAIL'S ALUMINUM RAILING INSTALLATION GUIDE



## TOOLS REQUIRED



- Drill
- 3/8" hex bit
- #10 Robertson bit OR #2 square drive

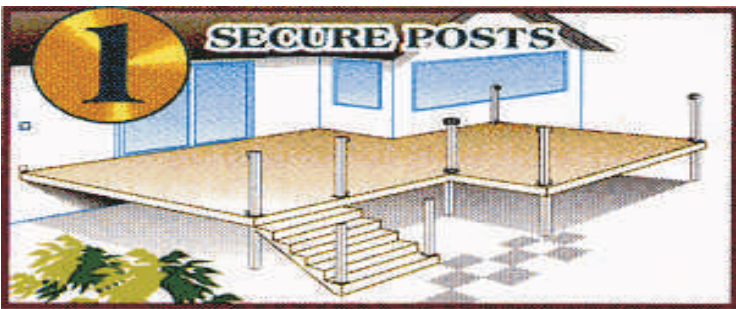


- Hacksaw or Mitre Saw



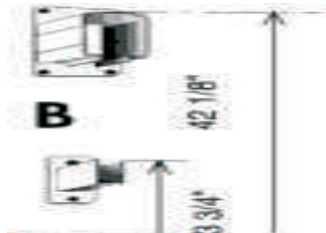
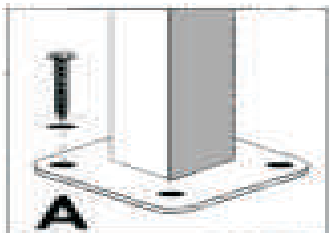
- Tape Measure
- Rubber Mallet
- Level

## 3 EASY STEPS

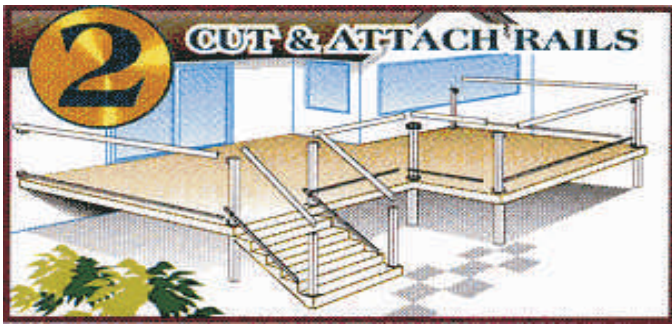


- A.** Determine location of all posts. Ensuring posts are aligned properly. (A string line may be useful to align posts). Pre-drill pilot holes for each post's base plate and secure loosely with one fastener only. Use #14 x 2-1/2" lag screws.

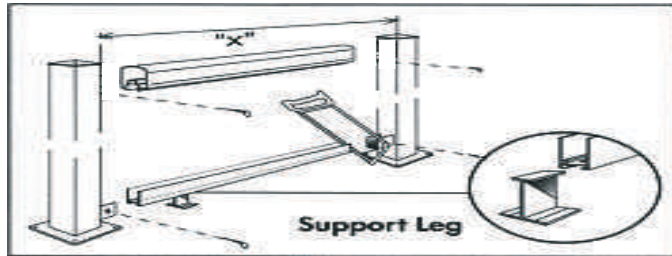
**Note:** For installation on non-wood surfaces, such as composite or a vinyl decking material. It is recommended to drill a drain hole just above post base plate to permit water drainage.



- B.** If wall brackets are required, install as shown. Measure from the deck surface 42-1/8" to the top of upper bracket sleeve and 3-3/4" to the top of bottom bracket sleeve and secure with screws or lags.



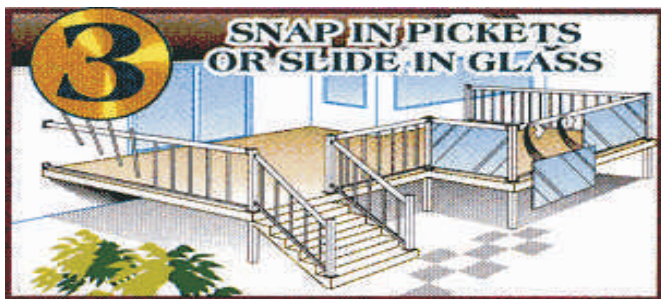
### Support leg Installation



- A.** Measure distance between posts ("x"). Mark both top and bottom rail and cut to required length. Cut top rail 1/2" longer than bottom rail.

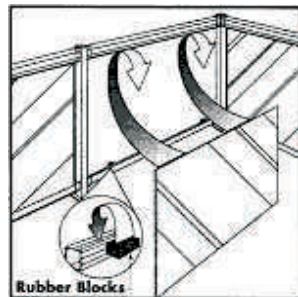
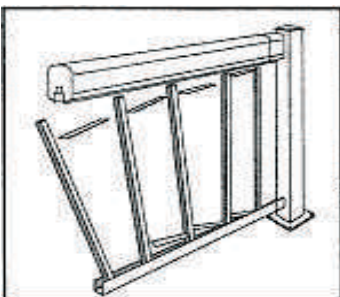
**Note:** Install a support leg in each section.

- Install bottom rail to posts. Put top rail in posts and attach both top and bottom rail to posts with #10 x 3/4" self tapping screws
- Drill a 3/16" hole through bottom rail every 24" for water drainage. You can now level all posts and secure them to deck surface with the remaining lag screws.



### Picket Installation

### Glass Installation



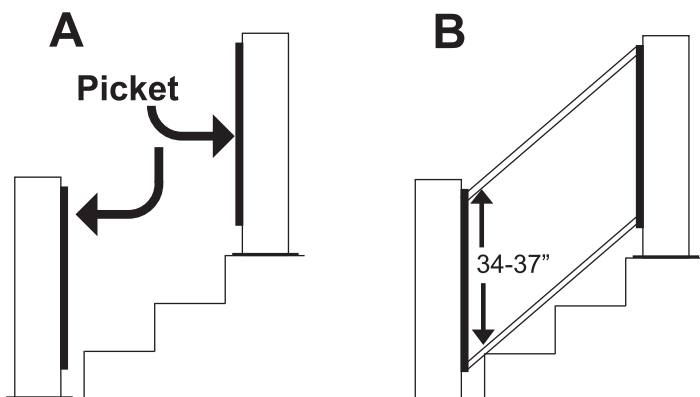
● **WHEN INSTALLING PICKETS**

Start against one post and snap a spacer into top and bottom rail using a rubber mallet. Insert a picket and tap it tight to the spacer. Repeat this procedure until you have 3-4 pickets left. Install remaining pickets as a group, spread out and snap in remaining spacers. Cut last spacer to fit, using a hacksaw.

● **WHEN INSTALLING TEMPERED GLASS**

Remove clear PVC liner from top and bottom rails and replace with a black glass gasket. Place two glass support blocks in the bottom rail, 8" from either post. Holding the glass firmly on each side, slide the glass up into the top rail and then down into the bottom rail.

## STAIR RAILING INSTRUCTIONS



- A.** Install posts and a picket to each post.

- B.** Mark stair angle on posts, a piece of bottom rail on its edge works well: maintain height from nose of stair trend to the top of rail between 34-37". Attach top & bottom railing to pickets using 5/8" tec screws.

**Note:** location of top & bottom posts on stair tread will determine the overall height of top rail. The top rail height shall not be less than 34" or greater than 38" above tread nosing.