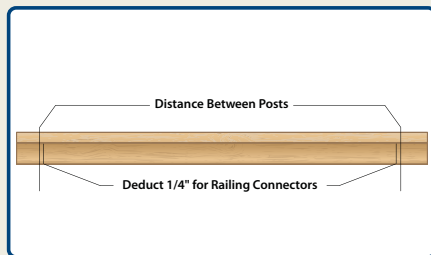
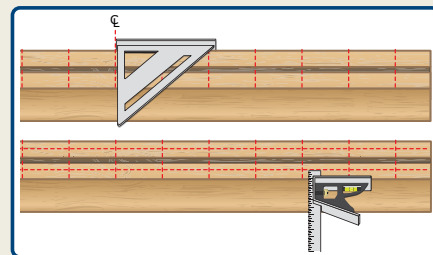


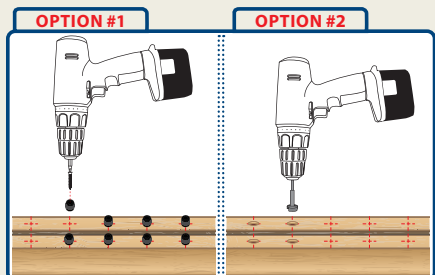
STEP #1 - Plumb posts/mounting surfaces. Measure inside distance of posts/mounting surfaces.



STEP #2 - Using step - 1 measurement, deduct 1/2" from total measurement for railing connectors (if not using railing connectors, cut to step - 1 measurement). Cut both top and bottom rails.



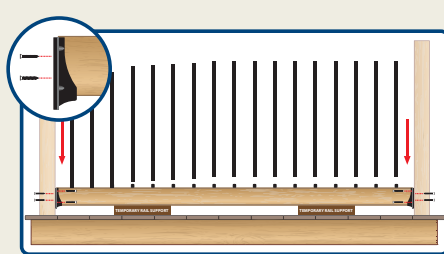
STEP #3 - Lay top and bottom rails beside each other and flush ends. Find the center of rails and mark **lightly**. Measure out 4-1/2" from both sides of center line and mark **lightly**. End spacing will vary. Set a combination square for center (example: $1-1/2" = 3/4"$) and mark **lightly**. Where lines intersect will be the center of baluster.



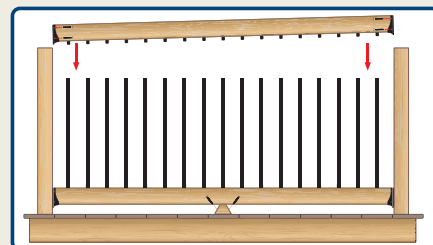
STEP #4 - There are two options for installing balusters.

Option #1 - Connector Method: Insert screw through connector and install where lines intersect (you may want to mark the center with a nail before drilling).

Option #2 - Insert Method: Drill a 3/4" hole, 3/4" deep in top and bottom rails where lines intersect.

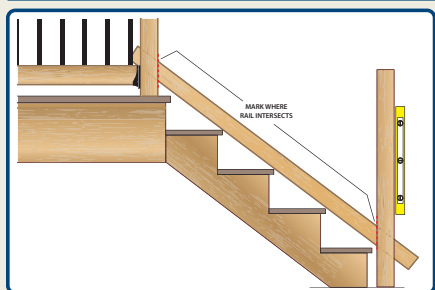


STEP #5 - Install two (2) #8 x 2" screws (per connector) through railing connector into rail ends. Rest bottom rail on two (2) temporary spacer blocks the required height between deck and bottom of bottom rail. Center railing connectors on post and install four (4) #8 x 2" screws (per connector) through railing connector into posts. Apply a small amount of silicone caulk to diameter of baluster where it meets baluster connector or insertion hole to insure a tight, movement-free installation. Install balusters on bottom rail.

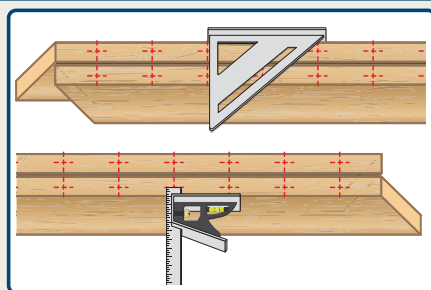


STEP #6 - Start Top Rail at an angle and insert connectors into balusters or balusters into insertion holes in top rail. Make sure balusters are fully connected. Install four (4) #8 x 2" screws (per connector) through railing connectors into posts.

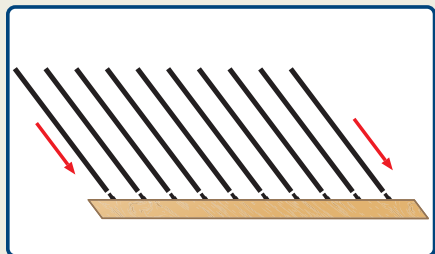
NOTE: With spans greater than 6' (or required), install a foot block (use cut-off from rail).



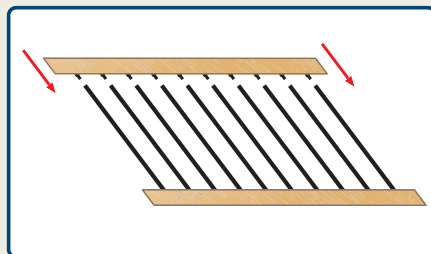
STEP #1 - Lay bottom rail alongside posts and mark for angle. If posts are plumb top rail should be the same length and angle. Cut top and bottom stair rails at proper angle.



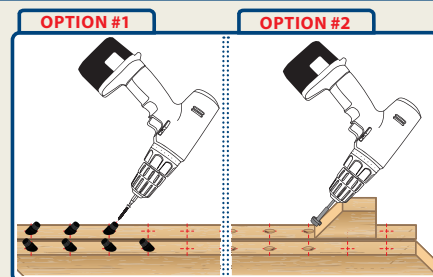
STEP #2 - Lay top and bottom rails beside each other with the top rail turned upside down. Position rails as shown. Find the center of rails and mark **lightly**. Measure out 5-1/2" from both sides of center line and mark **lightly**. End spacing will vary. Set a combination square for center (example: $1-1/2" = 3/4"$) and mark **lightly**. Where lines intersect will be center of screw/insertion hole.



STEP #4 - Make sure connectors are properly lined up. Apply a small amount of silicone caulk to diameter of baluster where it meets baluster connector or insertion hole to insure a tight, movement-free installation. Install balusters on bottom rail.

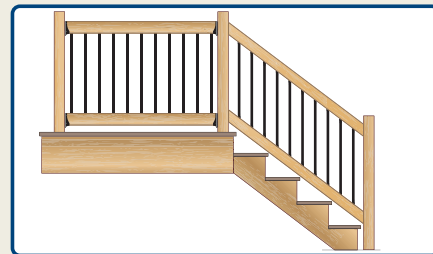


STEP #5 - Start Top Rail at an angle and insert connectors into balusters or into insertion holes until all balusters are in place. Make sure balusters are fully connected.



STEP #3 - There are two options for installing balusters.

Option #1 - Connector Method: Insert screw through connector and install where lines intersect (start screw vertically and tilt screw to proper angle). **Top and bottom baluster connectors will be facing opposite directions.** Do not overtighten. **Option #2** - Insert Method: Drill a 3/4" hole, 3/4" deep in top and bottom rails where lines intersect using a rail cut-off as a guide block for stair angle.



STEP #6 - Install stair rail assembly.