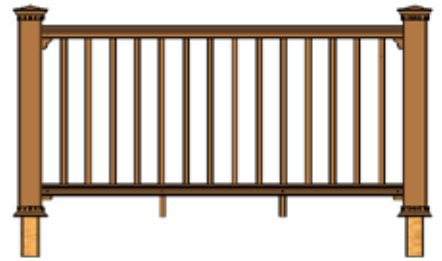


Rhino Deck

Horizontal Post and Rail Instruction

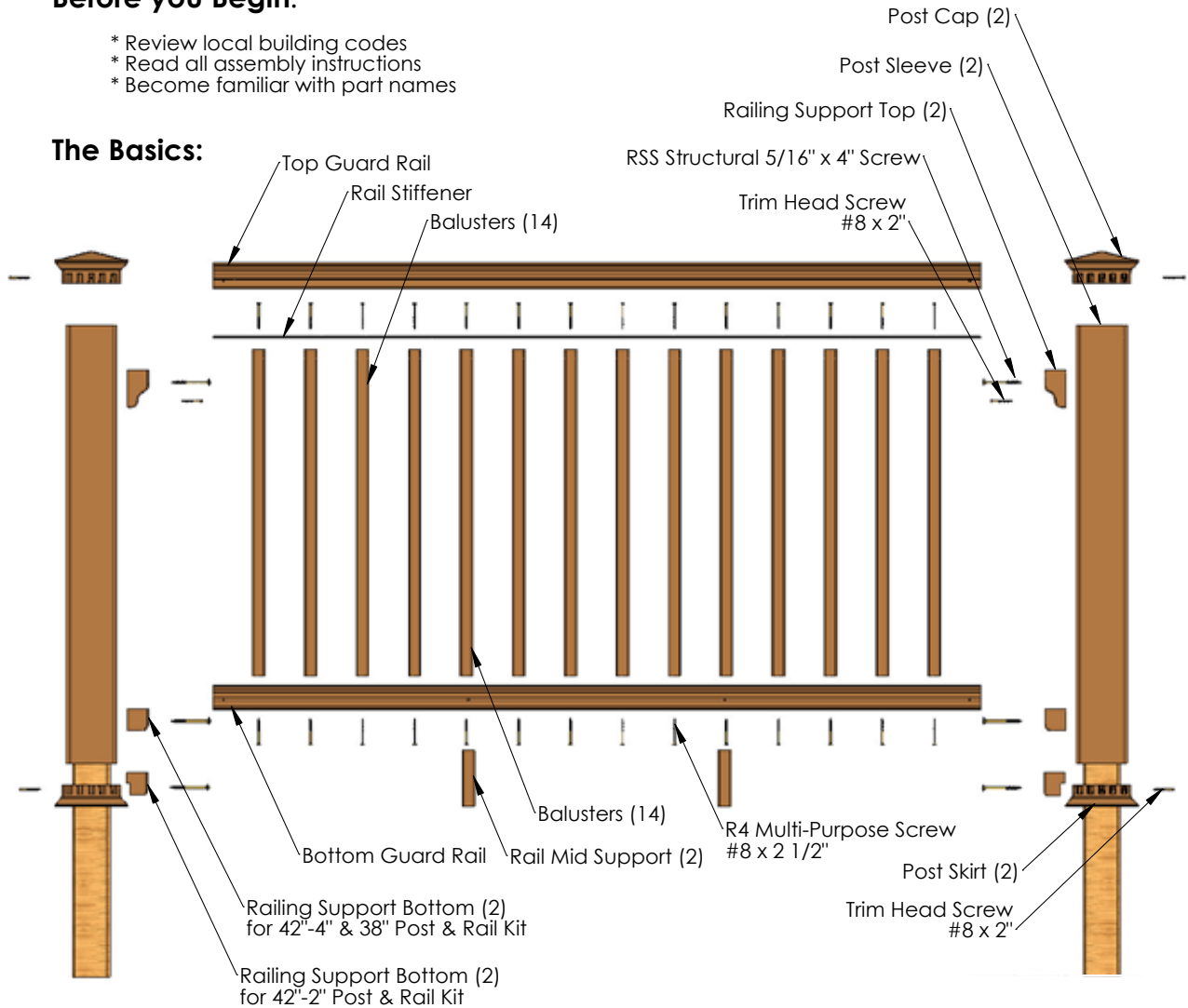
For kits: 42"-4" Post & Rail
 42"-2" Post & Rail
 38"-4" Post & Rail



Before you Begin:

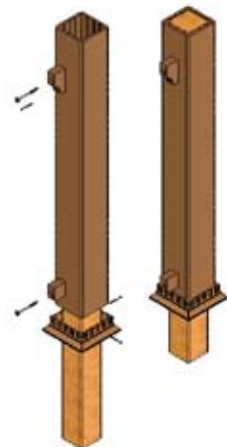
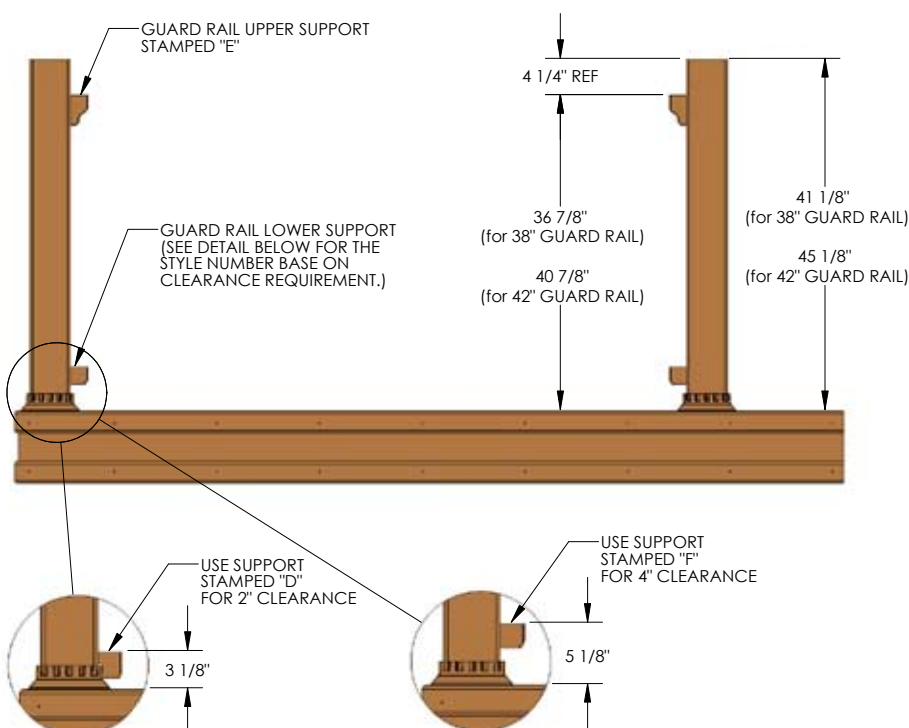
- * Review local building codes
- * Read all assembly instructions
- * Become familiar with part names

The Basics:



Step 1 – Posts

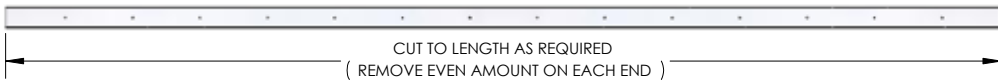
As with each supporting element of your deck, railing posts should be designed to meet local building codes. The instructions below contain guard rail heights for 38" and 42". In your railing design, keep in mind that the railing system fits over 4x4 wood posts and rails are 72" long prior to cut. For best results, use Kiln Dried Green Treated or Cedar Posts. Wood post (4x4) must be installed to the inside rim joist prior to starting the assembly of Rhino Deck Guard Rails. Cut Post Sleeves to appropriate height and slide sleeves over 4x4 wood posts (see illustration below). Post sleeves are 49" prior to cut. Determine the post length required based on rail height restrictions per local building codes. The top and bottom can be shimmed to restrict movement of sleeves. Slide Post Skirt over Post Sleeve and secure on two sides with #8 X 2" Trim Head Screws. Attach Post Railing Supports at the appropriate heights and center using 5/16" x 4" Structural Screws and #8 x 2" Trim Head Screws.



Step 2 - Preparing for Railing Assembly

2.1 Rail Stiffener Trim the Rail Stiffener to required length by cutting off equal amounts from both ends. Trimming from both ends will ensure Balusters are spaced evenly across the railing assembly.

Quantity 1 per post rail assembly



2.2 Guard Rail Bottom Trim the Bottom Guard Rail to length. Mark the Baluster positions on the Bottom Guard Rail with a pencil. Do this by centering the Stiffener on the rail and marking the hole locations using the 4.875" spacings holes provided. Pre-Drill Baluster pilot holes on the Bottom Guard Rail using a 1/8" bit.

Quantity 1 per post rail assembly



2.3 Guard Rail Top Trim the Bottom Guard Rail to length.

Quantity 1 per post rail assembly

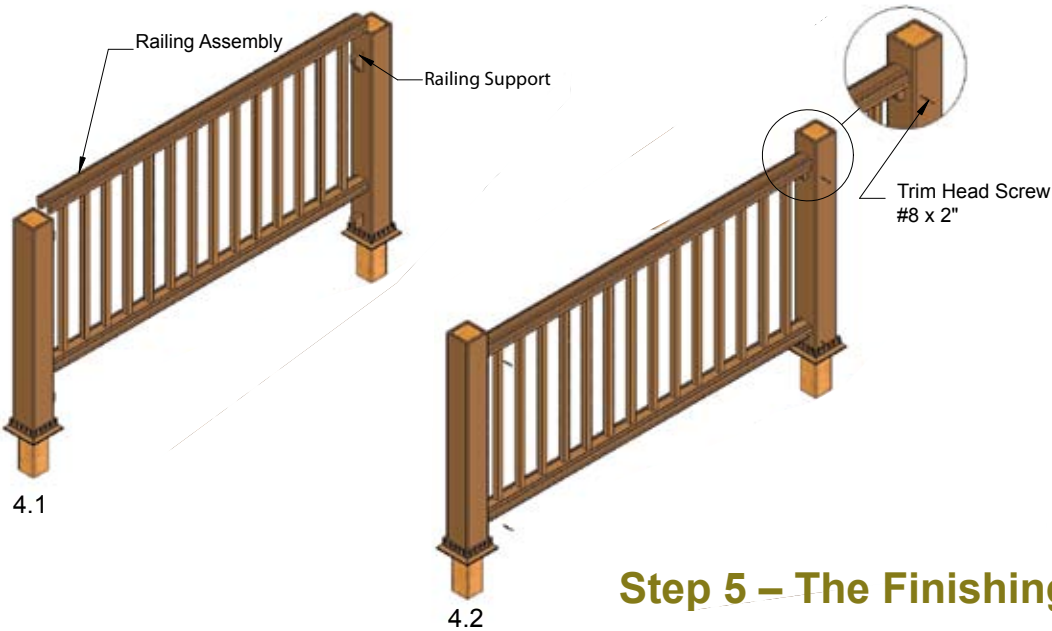


Step 4 - Putting It All Together

4.1 Place the pre-assembled railing onto the railing supports located on corner posts.

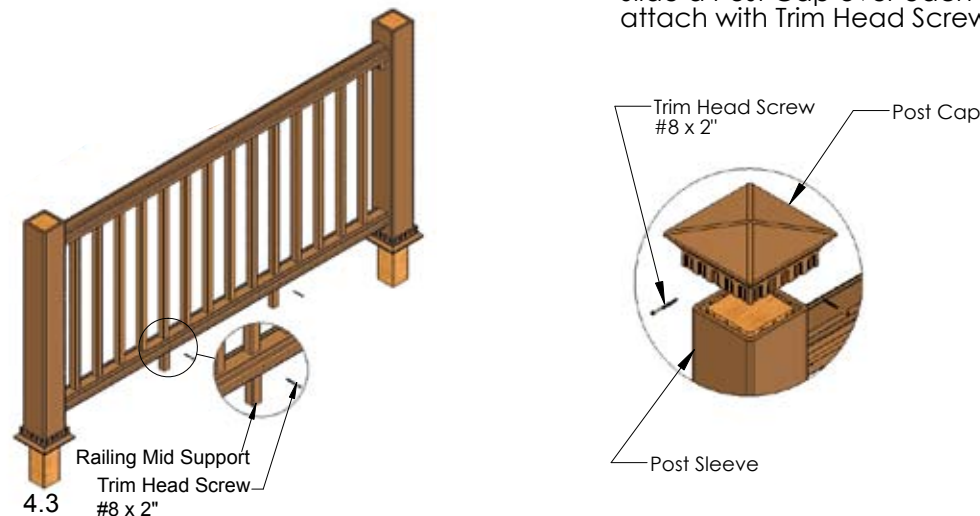
4.2 Attach railing to support blocks with Trim Head Screws #8 x 2". Position screws carefully to be certain that each Trim Head Screw is actually fastened to the railing support.

4.3 Railing Mid Supports (2) should be spaced at 2 feet maximum. Cut Railing Mid Supports to required length. Place Railing Mid Support under railing and fasten with Trim Head Screws #8 x 2".



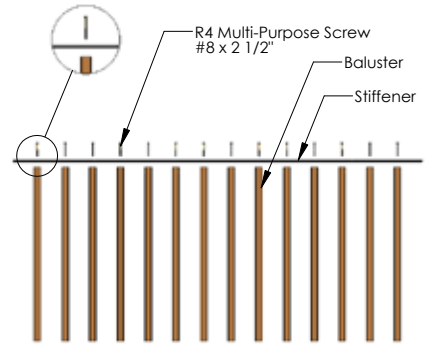
Step 5 - The Finishing Touch

Slide a Post Cap over each Post Sleeve and attach with Trim Head Screws #8 x 2" on two sides.

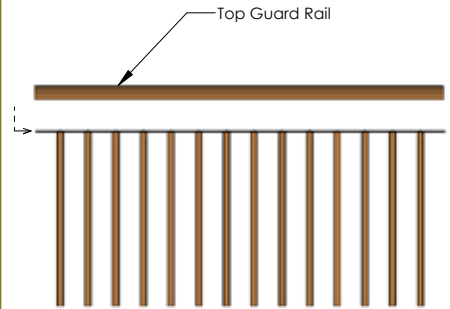


Step 3 Railing Assembly

3A - On a flat surface, attach Balusters to Stiffener using R4 Multi-Purpose Screws #8 x 2 1/2".



3B - Slide the Top Guard Rail onto the Stiffener, tapping lightly as needed to secure fit.



3C - Attach Bottom Guard Rail to Balusters using R4 Multi-Purpose Screws #8 x 2 1/2" through the pilot holes drilled in Step 2.2.

