

FIG 11

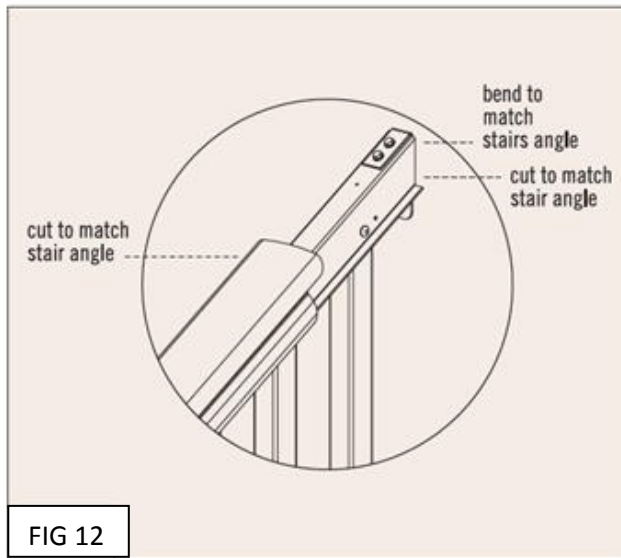


FIG 12

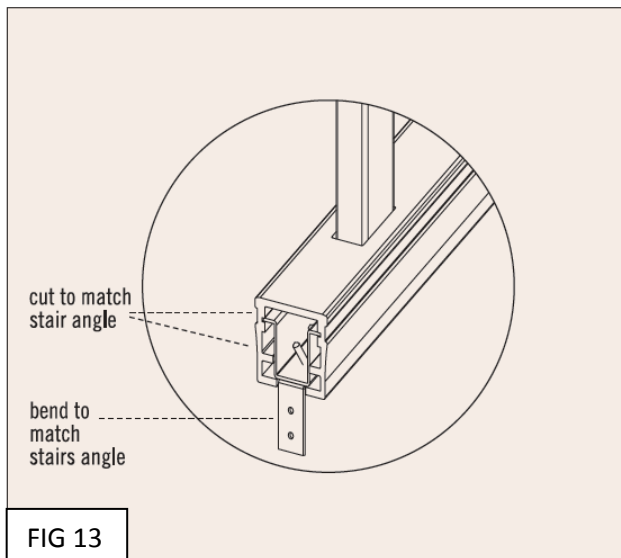


FIG 13

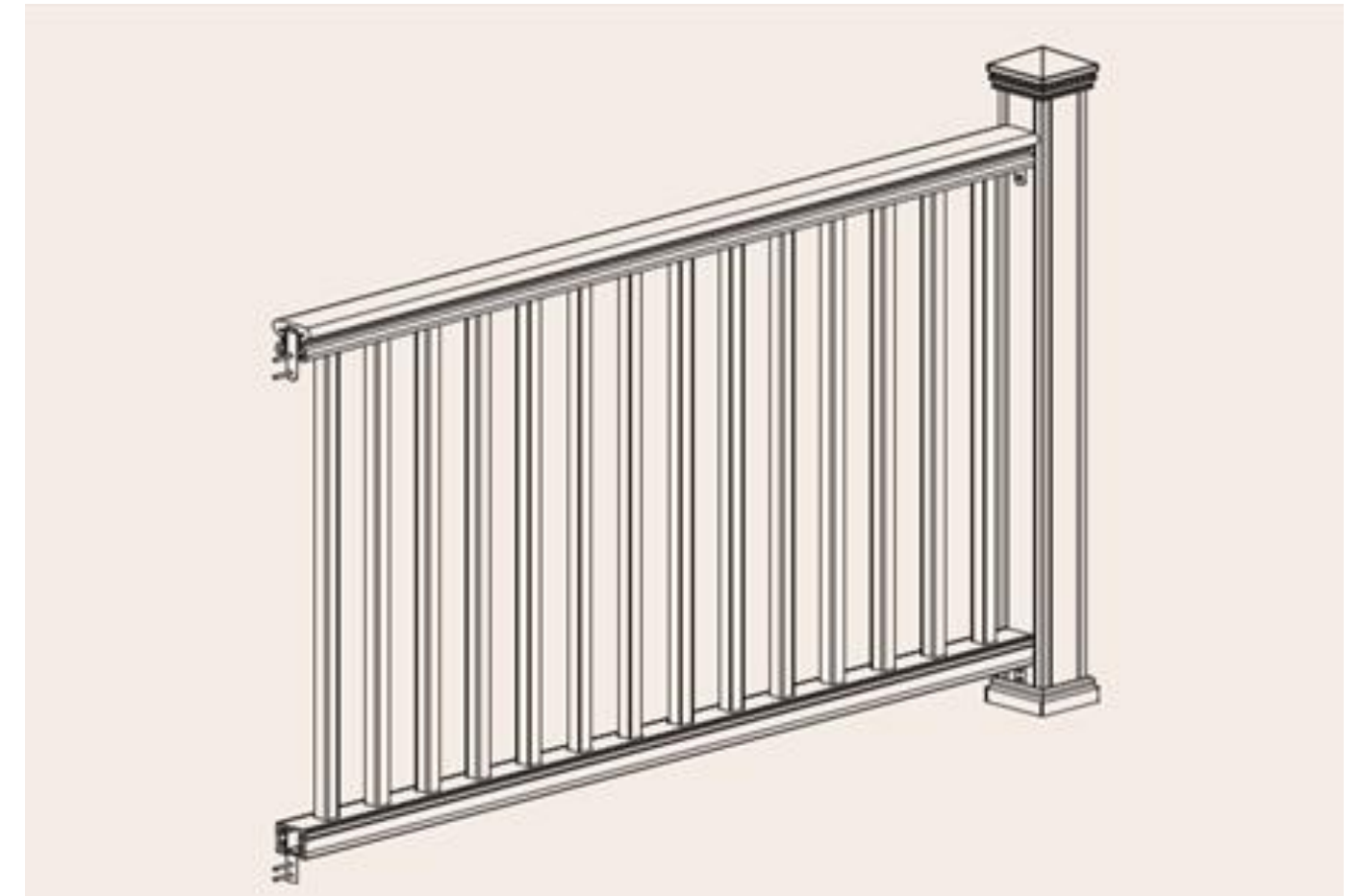
## STAIR RAIL INSTALLATION

- The installation of the AURA stair rail is similar to the installation of the railing kits. Follow the same procedure as the railing installation with the following exceptions
- Holes in the top metal channel must be to the right (when facing up the stairs) (FIG. 11)
- The top end of the top metal channel must be miter cut to match the stair angle (FIG. 12)
- The bottom end of the bottom metal channel must be cut to match the stair angle (FIG. 13)
- Both ends of the AURA top and bottom rails must be cut to match the stair angles.
- Metal brackets must be bent to match the stair angle.
- When attaching balusters use one baluster screw in each left hand hole. (FIG. 12)
- Consult local building code for the required distance between the stairs and the bottom rail.



## AURA TRADITIONAL RAILING INSTALLATION GUIDE

Welcome to AURA. The following instruction manual will assist you with the installation of your Traditional Handrail Kit. For more information on AURA's complete matching collection of outdoor living products, including decking and deck tiles contact us at: 1.800.251.9566 or visit us at our website: [www.auraoutdoorliving.com](http://www.auraoutdoorliving.com)



### KIT INCLUDES:

- Top metal channel (1.68"H x 1.27"W, has holes along top and one side)
- Bottom metal channel (1.4"H x 1.27"W has holes on top only)
- AURA top rail
- AURA bottom rail
- AURA balusters X14
- Hardware Kit (small brackets X2, large brackets X2, Hex metal screws X8,

### SOLD SEPARATELY:

- Post Sleeve Kit (Includes post sleeve, collar and cap)

### TOOLS NEEDED:

- Drill
- #2 Square/Robertson
- 3/8" drill bit
- 5/16 socket bit

## INSTALLATION STEPS

- Install post sleeves over 4x4 lumber posts
- Attach a small L bracket to each end of the bottom metal channel using 2 Hex metal screws each. (The bracket should extend away from the channel). **(FIG. 1)**
- Slide AURA bottom rail onto metal channel (open side of channel facing up). **(FIG. 2)**  
**\*\*ALL holes made into the post sleeve must be predrilled and elongated\*\***
- Position assembled rail between posts. Use 3.375" high blocks to support the bottom rail while installing, so the top of the rail is 5.5" from the deck surface **(FIG. 4)**
- Pre drill 3/16" pilot holes through the holes in the brackets into the post sleeve
- Move the bottom rail aside and enlarge the predrilled holes
- Reposition the bottom rail, line up with the predrilled holes and attach to the post
- **\*\*DO NOT over tighten screws attaching the railing to the post sleeves\*\***
- Assemble the top rail. Attach the short end of a large bracket to each end of the top metal channel using 2 Hex metal screws each (the bracket should extend over the opening of the channel). **(FIG. 5)**
- Insert balusters into the top metal channel lining each one up with the holes in the side. **(FIG. 6)**
- Attach balusters using one baluster screw in each right hand hole
- Slide EON top rail onto top metal channel. **(FIG. 7)**
- Line up the balusters with the holes in the bottom rail and drop into place. **(FIG. 8)**
- Tap with a rubber mallet to ensure balusters are completely inserted
- Centre the top rail on the post and Pre Drill 3/16" pilot holes Through the post sleeve. **(FIG. 3)**
- Move the top rail aside and enlarge the pilot holes
- Replace and attach the Top railing to the post using 2 wood screws in each bracket. **(FIG. 9)**
- Install post collar. **(FIG. 10)**
- Apply a silicone bead 3/16" inside the post cap peak and fasten to cap adapter.
- Apply a silicone bead 3/16" inside the cap adapter and fasten to post sleeve.

