

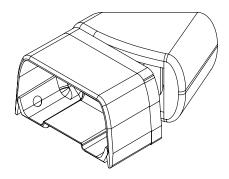
# RAPID RAIL HORIZONTAL ANGLE BRACKET INSTRUCTIONS

## **Contents**

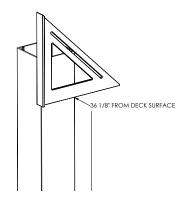
- (4) Horizontal Angle Bracket Mount
- (4) Horizontal Angle Bracket Base
- (4) Bracket Cap
- (12) #10 x 1" Screws
- (10) #8 x 1/2" Screws

## **Required Tools**

- Tape Measure
- Pencil
- Power Drill
- Speed Square
- T20 Torx Bit (Provided)
- 1/8" Drill Bit
- Bar Clamp
- Rubber Mallet

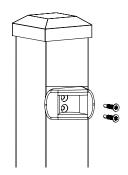


## Step 1



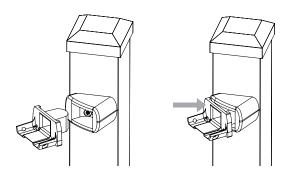
- Measure up 36-1/8" (42-1/8" for a 42" kit) from the deck surface and make a mark on the post for the top bracket mount.
- Make a mark at 4-1/4" from deck surface for the bottom bracket mount.

Step 2

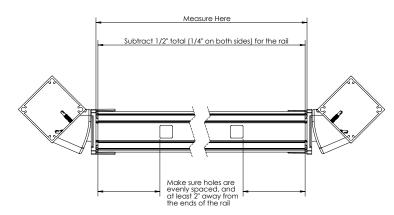


- Line up the top of the bracket mounts with the lines on the post from step 1 and attach using an 1/8" pilot hole and the supplied 1" screws.
- Repeat for any other posts.

## Step 3



- Insert the curved back end of the bracket base into the bracket mount.
- Orient the bracket bases into roughly the correct angle.

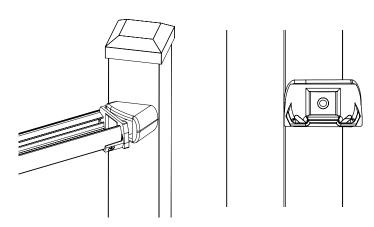


- Measure the distance between the bracket faces shown here.
- Before cutting the rails, ensure the baluster holes have equal spacing to the posts on both sides.

IMPORTANT: If the gap to the first baluster hole is less than 2", you must shift the rail to one side until the gaps are equal and greater than 2".

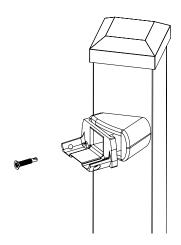
• Subtract ½" from this measurement and cut the rails to this dimension.

#### Step 4



- Set the rail into place on the bracket bases to determine the required bracket angle.
- Use a pencil to mark the hole position in the back of the bracket base.
- Repeat for all other brackets.

#### Step 5

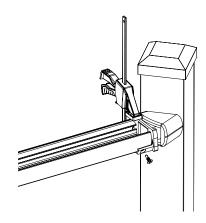


- Remove the rail.
- Ensure the bracket base is properly aligned with the mark on the bracket mount from step 4.
- Secure the bracket base to the bracket mount using an 1/8" pilot hole and the supplied 1" screw through the back of the bracket base.

Pro-tip: Use the bracket base as a drill guide for the pilot hole.

• Repeat for all other brackets.

### Step 6



- Set the rail into place and use a clamp to hold the rail onto the brackets during installation.
- Secure the base rail to the bracket bases using an 1/8" pilot hole and the supplied ½" screws.

NOTE: The top base rail has cutouts for the balusters.

#### Step 7

 Continue assembly according to Step 5 of the Rapid Rail installation instructions.

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