

Level Installation Guide

V220 Vinyl Railing

with ROUND Aluminum Balusters - ONLY

FAIRWAY
RAILING™

BY Envision
OUTDOOR LIVING PRODUCTS

STEP 2 (B) - TOP RAIL MEASUREMENTS

Top Rail Bracket measurements will not work for V200 Series Vinyl Railing with ROUND Aluminum Balusters.

STEP 2 • BOTTOM RAIL & BRACKET PREPARATION

A) Determine height of bottom rail. This should be no more than 4" and no less than 2" for 36" high railing and no greater than 2" for 42" high railing. Make a pencil mark at bottom of the bottom rail on the post. Measure up 3/8" above previous mark, then square and center the bottom of the black mounting bracket. Mark screw holes in the four (4) corners of the bracket and then pre-drill four (4) 5/32" holes. Screw the bracket base into place with four (4) #12 x 1-1/4" pan head screws. Repeat on opposite post.

B) After the bottom black mounting bracket is in place, measure from bottom of black mounting bracket up and mark with pencil. Please use the following measurements in accordance with product style and height:

~~36" Standard Rail = 31-3/4" • 36" Contour Rail = 31-1/4"~~
~~42" Standard Rail = 38-1/4" • 42" Contour Rail = 37-3/4"~~

This will be the mounting mark for the bottom of the top black mounting bracket. Square and center the top black mounting bracket on mark and pre-drill four (4) 5/32" holes. Screw into place using four (4) #12 x 1-1/4" for V210 Railing or four (4) #10 x 2" pan head screws for V220 Railing. Repeat on opposite post.

C) Measure the inside span between black mounting brackets for bottom rail. (Make sure you have equal and maximum amount of spacing between baluster pocket and post on each end.) Cut bottom rail to length squarely with a power miter box or hacksaw. You may cut vinyl and aluminum insert at same time.*

DO NOT USE MEASUREMENTS
for V200 Railing with ROUND Aluminum Balusters

INSTALL TOP RAIL BRACKET BY USING THIS METHOD.

INSTALL V220 TOP RAIL BRACKETS - WHEN USING ROUND ALUMINUM BALUSTERS

A) Measure the inside span between posts.

Make sure distance from baluster pocket to post on each end is the same for both top and bottom rail. Cut top rail to length. Place 1 round aluminum baluster in each end baluster hole. Slide black mounting brackets on top rail and mark black mounting bracket location.

B) Remove top rail. Place black mounting brackets on post at marked locations and insert (4) #10 x 2" pan head screws through black mounting bracket and into post. Repeat on opposite post.

