



# Outdoor Living

## CONNECTION

---

---

POST | ASSEMBLY INSTRUCTIONS



**WATCH OUR  
POST AND RAILING  
INSTALLATION VIDEO  
FOR MORE DETAILED  
INSTRUCTIONS**

# POST INSTALLATION GUIDE

## **Assemble in a Weekend - Admire For a Lifetime.**

At Outdoor Living Connection, our aluminum railing systems are engineered for strength, durability, and long-lasting performance. Our precision manufacturing process delivers structural integrity you can count on—without the hassle of ongoing maintenance.

This installation guide is designed to make your setup simple and straightforward. If you have any questions along the way, our customer support team is here to help. Give us a call at 224-238-2400 or email us at [help@outdoorlivingconnection.com](mailto:help@outdoorlivingconnection.com).

Thank you for choosing Outdoor Living Connection—where simple meets sleek.



# POST INSTALLATION TIPS:

- 1. Cutting Aluminum Components:** When trimming aluminum parts, we recommend using a miter saw with a high-tooth-count carbide blade. Always cut slowly and carefully, and follow all standard safety precautions, including eye and hand protection.
- 2. Preventing Corrosion with Dissimilar Materials:** Should aluminum components be installed in direct contact with dissimilar materials (such as pressure-treated lumber, concrete, or masonry), ensure that all points of contact are either: covered with a factory-applied finish or coated with a heavy layer of alkali-resistant bituminous paint or equivalent corrosion-resistant barrier. Failure to apply proper protection may result in corrosion, which is not covered by warranty.
- 3. Wood Deck Installations:** When mounting posts on a wood deck, posts must be anchored to the structural framing beneath the surface, not just the deck boards. Additional blocking or reinforcement may be required to ensure safe and secure installation.

## Important Installer Responsibilities – Outdoor Living Connection

It is the sole responsibility of the installer to ensure that all railing installations comply with local building codes, regulations, and safety standards. The installer is also responsible for securing any required building permits prior to installation.

Outdoor Living Connection's Canyon Collection - All-Aluminum Level Baluster Railing Sections –8 feet and under– along with our standard residential posts - 39 inches and under- are designed to meet the International Residential Code (IRC). However, the installer and/or purchaser should consult with a licensed professional engineer to confirm that the selected railing system is suitable and compliant for the specific project and application.

Outdoor Living Connection is not liable for improper or unsafe installations resulting from failure to follow code requirements or site-specific needs.

**Warranty coverage** is contingent upon proper installation. Failure to install this product in accordance with Outdoor Living Connection's installation guidelines and applicable building codes will result in the voiding of all warranty protections.

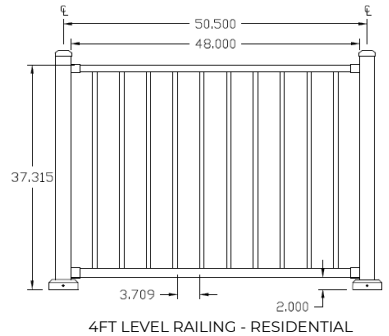
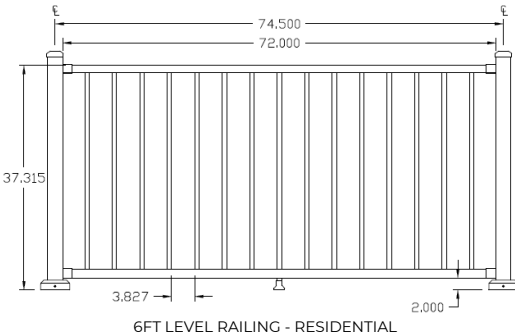
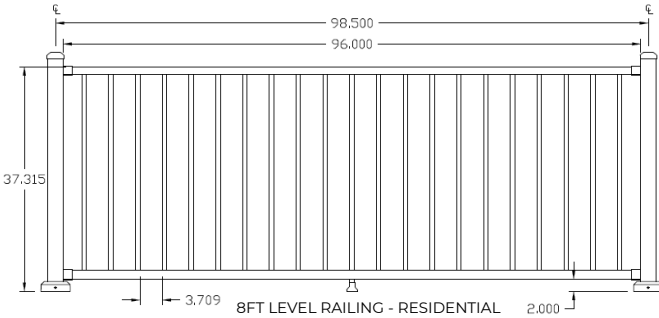
These installation guidelines provide a general framework and may not account for all job site conditions. We strongly recommend reviewing the full set of instructions before beginning installation. Depending on the layout and environment, the installer may need to make appropriate adjustments to ensure safety and compliance.

Outdoor Living Connection railings have been tested by Intertek, Inc and are verified to meet the 2016 IRC Construction Code Standards.

# POST SPACING MEASUREMENTS

## LEVEL RAILINGS

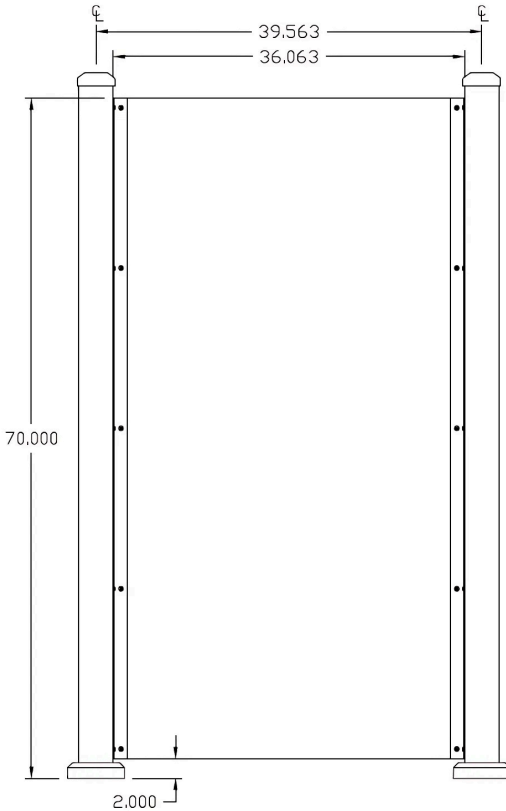
RAILING LENGTH	CENTER POST TO CENTER POST SPACING	INSIDE POST TO INSIDE POST SPACING
8 FEET	98 ½ INCHES	96 INCHES
6 FEET	74 ½ INCHES	72 INCHES
4 FEET	50 ½ INCHES	48 INCHES



# POST SPACING MEASUREMENTS

## PRIVACY PANELS

PANEL MEASUREMENTS	CENTER POST TO CENTER POST SPACING	INSIDE POST TO INSIDE POST SPACING
36 INCHES X 68 INCHES	39 9/16 INCHES	36 1/16 INCHES



PRIVACY PANEL - VERTICAL ASSEMBLY

# RECOMMENDED TOOLS

## TOOLS AND HARDWARE **NOT** INCLUDED IN KIT



- POWER DRILL
- #2 SQUARE AND AND LAG BOLT DRIVER (VARIES)
- APPLICABLE DRILL BITS/DRIVERS FOR FASTENERS, LAGS, OR BOLTS TO SECURE POSTS ON YOUR DESIRED SURFACE
- 9/64<sup>TH</sup> DRILL BIT NEEDED TO SECURE POST SKIRT
- PAINTER'S TAPE
- CHALK MARKER
- 4 ½ LAG BOLTS WITH WASHERS (4 PER POST)
- RUBBER Mallet
- MITER SAW WITH HIGH-TOOTH-COUNT CARBIDE BLADE
- LEVEL
- TAPE MEASURE
- SPEED SQUARE

## INCLUDED COMPONENTS IN YOUR POST KIT

Item #	Description	Qty
1	<b>Welded Post</b>	1
2	<b>Post Skirt</b>	2
3	<b>#8 Countersunk Screw, 2"</b>	4
4	<b>Composite Wood Shims</b>	2
5	<b>Post Cap</b>	1

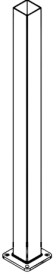
IF YOU FEEL YOU ARE MISSING ANY COMPONENTS TO YOUR KIT, STOP AND REACH OUT TO OUR CUSTOMER SERVICE DEPARTMENT TO ASSIST YOU.



# VISUAL PARTS LIST

## WELDED POST

1

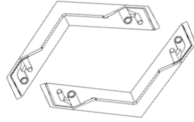


QTY

1

## POST SKIRT

2



QTY

2

## #8 COUNTERSUNK SCREW, 2"

3

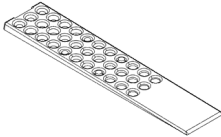


QTY

4

## COMPOSITE WOOD SHIM

4

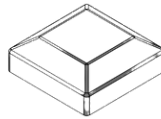


QTY

2

## POST CAP

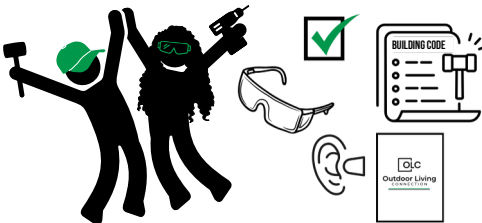
5



QTY

1

# BEFORE YOU BEGIN



Make sure you have proper safety equipment, your instructions, and have checked all applicable building codes and permit requirements prior to starting your build.

# INSTALLATION

## STEP 1

Start by laying out your posts on your deck to ensure you have the right amount of material for your project along with the correct spacing for the railing and/or privacy panel system.

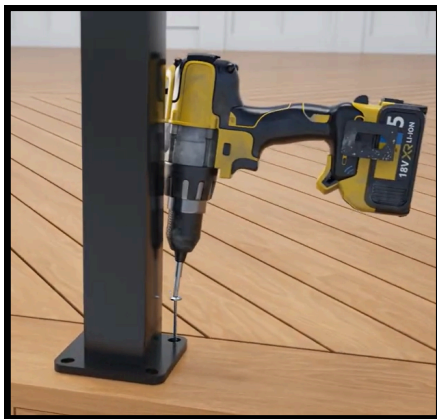
## STEP 2

Ensure your post is square to your deck using your speed square.



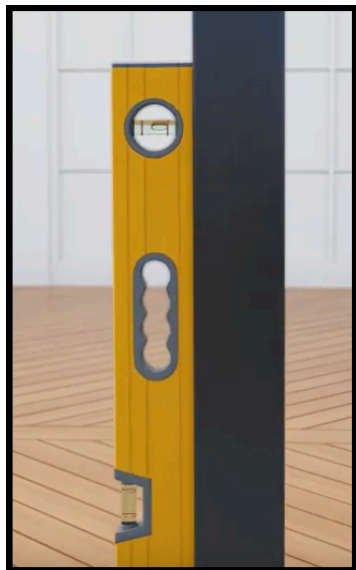
## STEP 3

Secure your posts to your deck using appropriate fasteners for your project. Because every project is different, fasteners are not included in our kits. All 4 fasteners must be installed into a secure structure.



## STEP 4

With the posts secured to the deck, use a level on two sides to ensure that it is standing straight and if adjustments are needed, loosen the bolts and use a shim to level the post and ensure that they are plumb (our posts come with 2 composite shims that won't break down over time).



# INSTALLATION



## STEP 5

Once the post is level and plumb, ensure the fasteners are tightened and break off any shims that are used.



## STEP 7

Repeat these steps for each post assembly and once all posts are secured, begin installing the railing brackets (sold separately, these come in our railing kits).

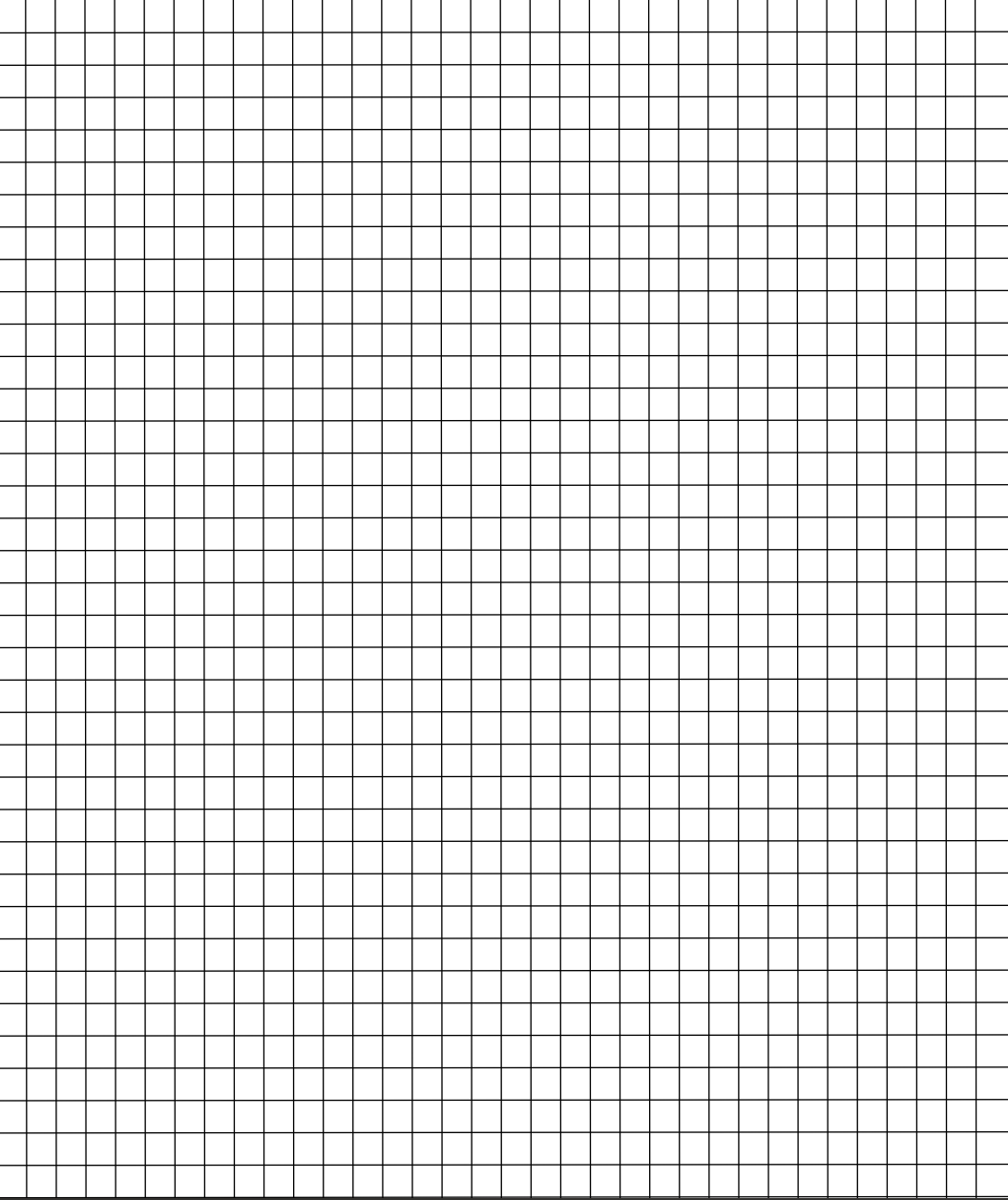
## STEP 8

At this time, if you are installing our railing kit or privacy panel kits, refer to those instructions to complete the rest of your project. **Save the post cap and skirt to secure to your post after the railing and/or privacy panel system has been installed. When you install the post skirt, you will need to pre-drill the hole for the fasteners with a 9/64" drill bit.**

**LINK TO TOOLS YOU MAY NEED:**



*\*Outdoor Living Connection, LLC. is not affiliated with Home Depot and does not endorse or solely recommend any of their products for monetary compensation. This is only meant to be helpful in the event that an installer does not have the tools required to install their project.*



## **YOUR BACKYARD BLUEPRINT**



**Outdoor Living**  
C O N N E C T I O N



Proudly Made in the USA