



## Box Kit Includes

- Top Rail & Baluster(s)
- Mounting Brackets & Screws

*Predrilled Posts, Caps, & Trim  
packaged separate*

## Quick tip:

Wear clean, new gloves when handling stainless steel parts to prevent corrosion from oil and dirt.



## Tools Needed



Tape Measure  
& Pencil



Safety Glasses

Drill Bits  
1/8"  
3/16"  
1/4"  
5/8"

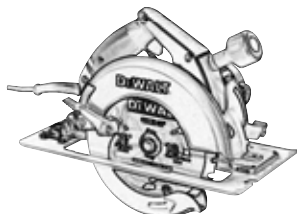


Drill



Rubber  
Mallet

Hammer Drill & 1/2" Masonry Bit  
(if installing on concrete)



Saw w/fine-tooth  
aluminum blade



Level

## Available from KeyLink

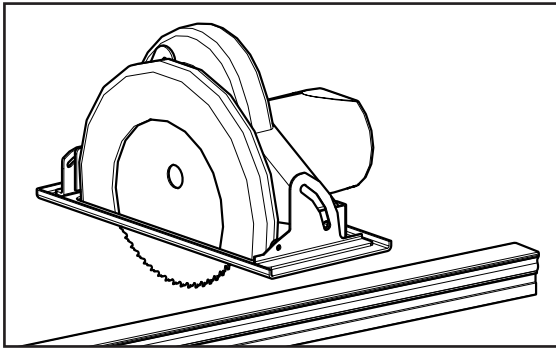
Cable Release Key

Cable Needle

Cable Vice Grip

Stainless Steel Cleaner

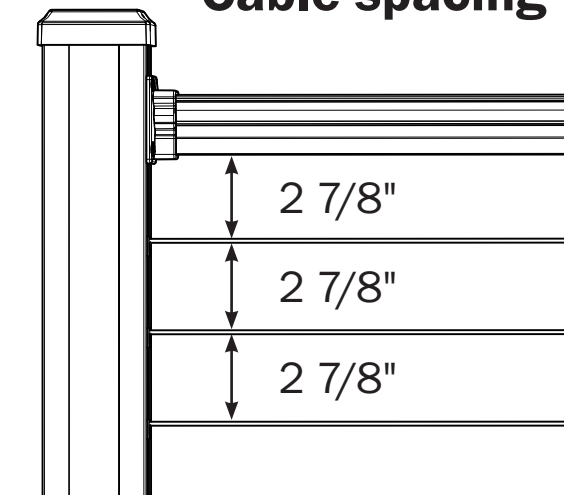
## When Cutting Aluminum



If you need to cut rails or balusters, be sure to use a **fine-tooth blade approved for cutting aluminum** and rest them on a piece of non-abrasive material to protect from scratches.

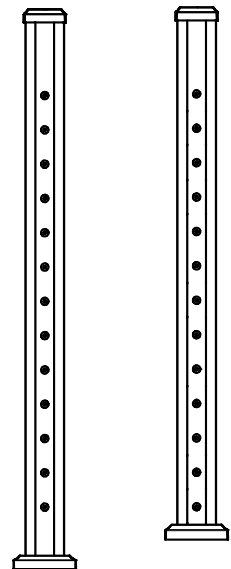
Stair balusters will need to be cut to the correct length.

### Cable spacing



Check with your local building inspector on how close the cables should be if drilling the post yourself.

Standard stair angle is 34°

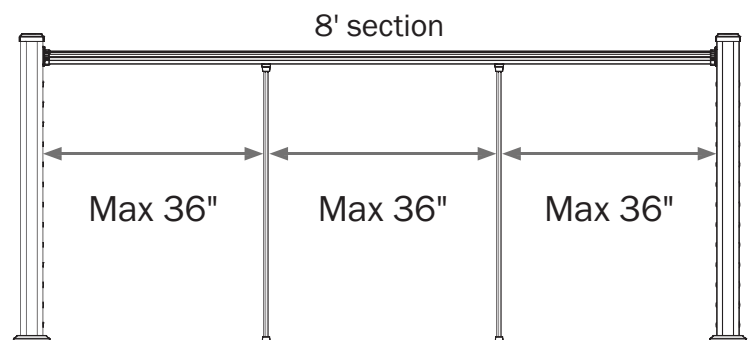
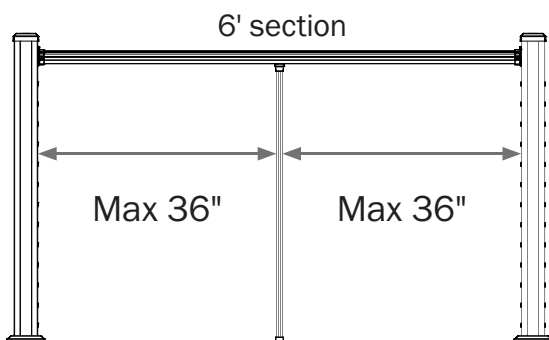


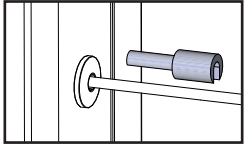
Stair Post

Level Post

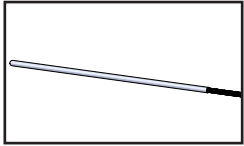
## Baluster spacing

Balusters should be spaced evenly and no more than 36" apart





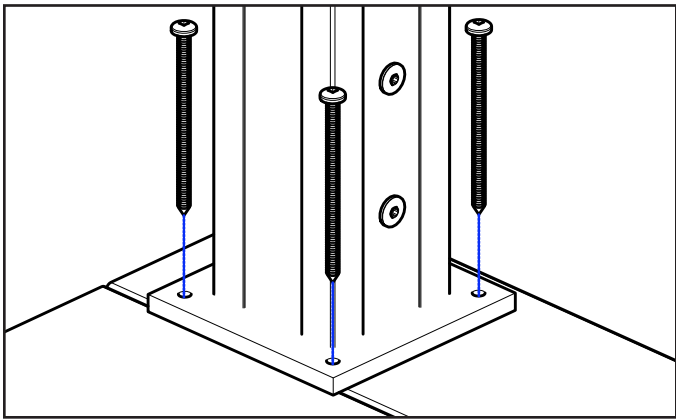
To use the **Cable Release Key**, slide it over the cable into the receiver, and push to release the cable. For use before the cable is fully tightened.



The **Cable needle** is for threading the cable through balusters and posts that don't have fittings. Insert the cable into the needle, then push through the hole.

**1**

## Mount Post



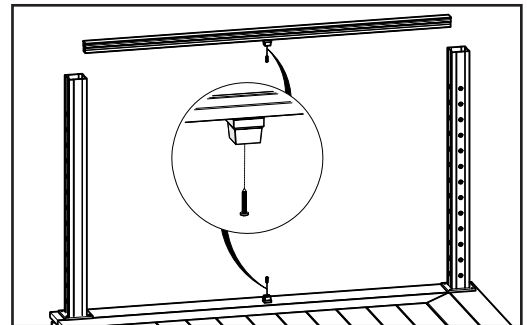
Space posts according to top rail length and attach to structural surface using bolts or lags.

Check with your local building inspector to determine what kind of structural reinforcement is needed for the posts.

**2**

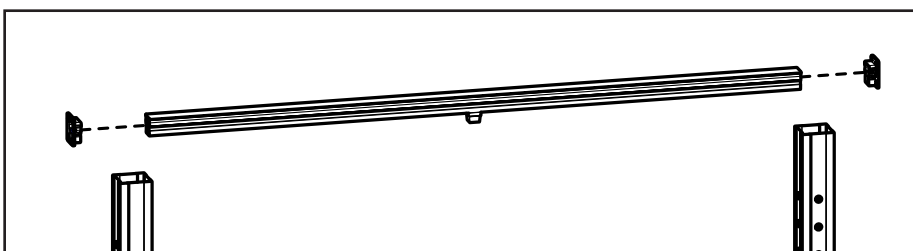
## Fasten Baluster Mounts

Align and center baluster mounts and attach to top rail and structural surface.



**3**

## Add Rail Mounting Brackets

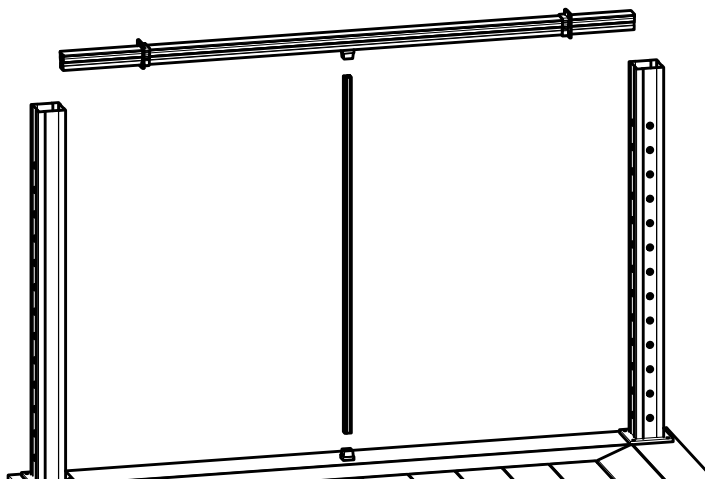


Slide the mounting brackets over the rail.

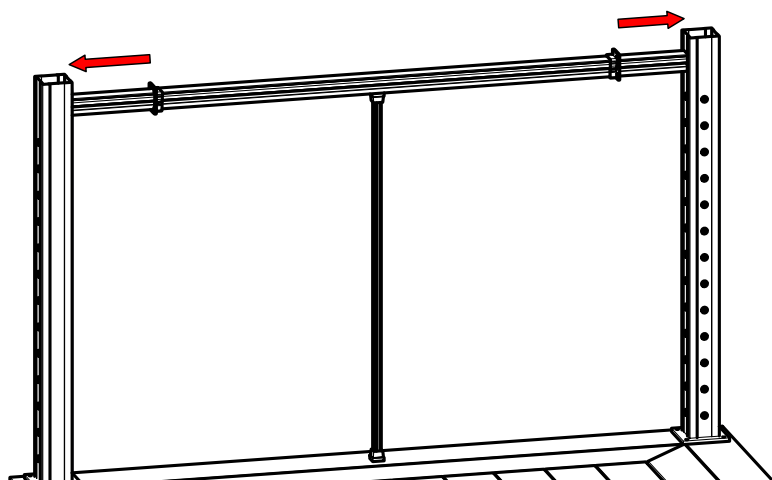
## 4 Position Baluster(s)

Place the baluster in the surface bracket, then place the top rail over it.

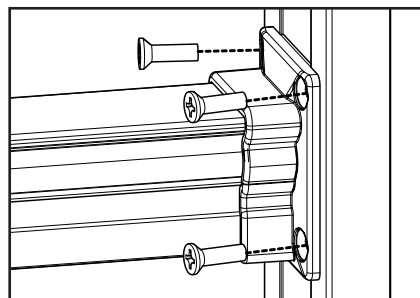
If you have more than one baluster, start from one end of the rail and go across.



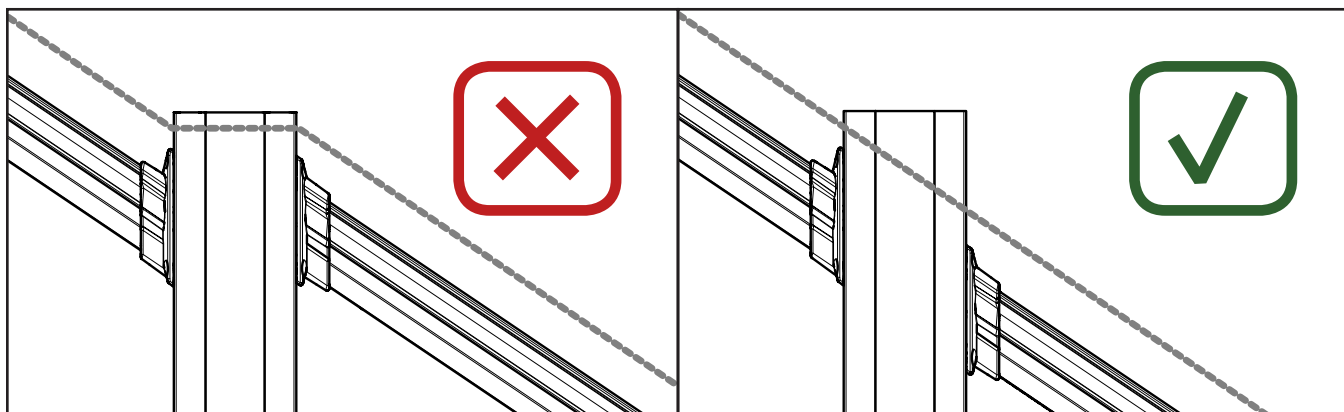
## 5 Fasten Rail Mounting Brackets



Slide rail mounting brackets against the post, center, and fasten in place.

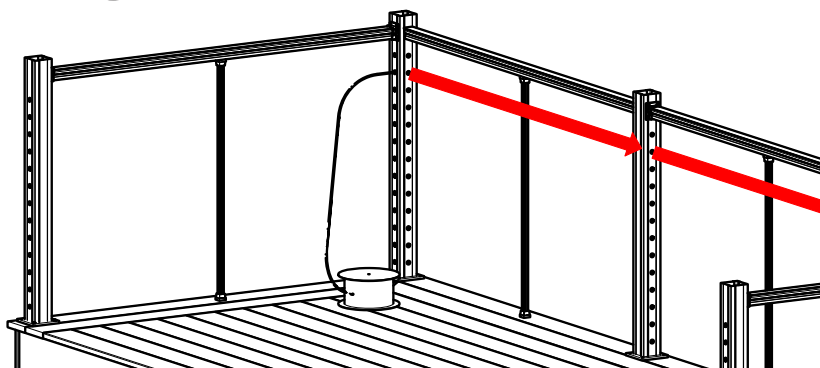


**When doing stair sections, mount them as shown below:**

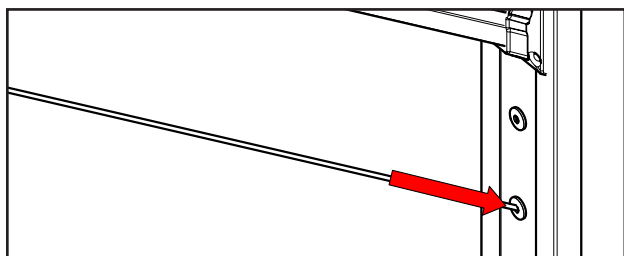


## 6 Thread Cable Through Posts

Starting with the post next to either end post, thread the cable through all the posts and balusters until you reach the other end post.



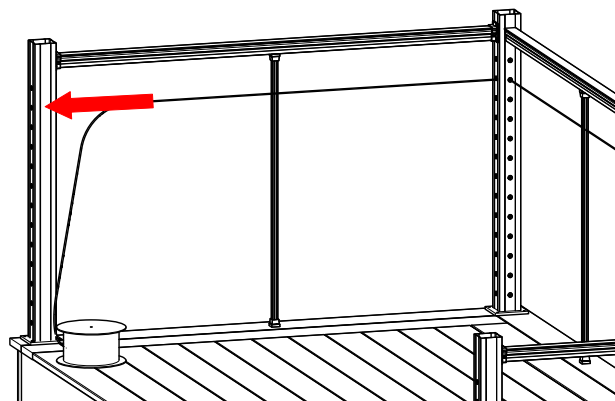
## 7 Insert Cable Into End Post



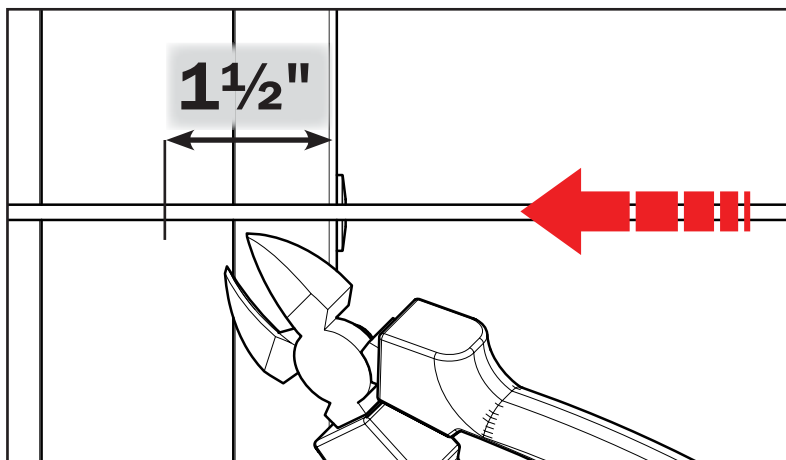
Insert the cable into the end post as far as it will go. Pull on it to make sure it is secure.

## 8 Pull Tight

Unwind enough cable to reach to the first end post and pull tight.

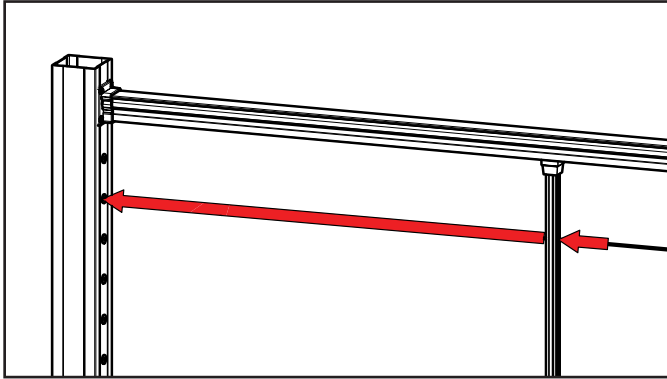


## 9 Cut Cable To Length



Hold the cable taut and cut it **1<sup>1</sup>/<sub>4</sub>" - 1<sup>1</sup>/<sub>2</sub>"** into the end post.

## 10 Thread Through Remaining Balusters



Thread the cable through the remaining posts and balusters, then insert it into the end post.

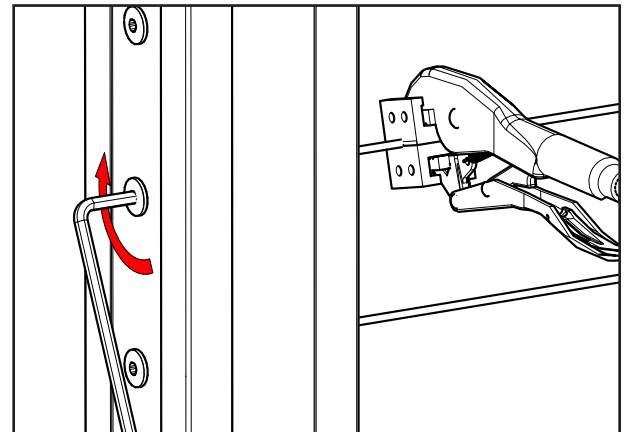
Make sure it is pushed all the way in against.

## 11 Take Up Cable Slack With Allen Wrench

Take up the slack on one end post

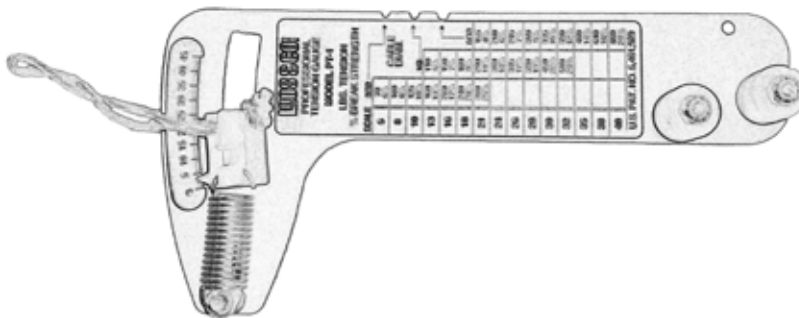
Push hard on the cable to make sure it is seated correctly in the receivers.

Finish tightening the cable at the other end post to take out any remaining slack.



**Be careful not to over tighten!**

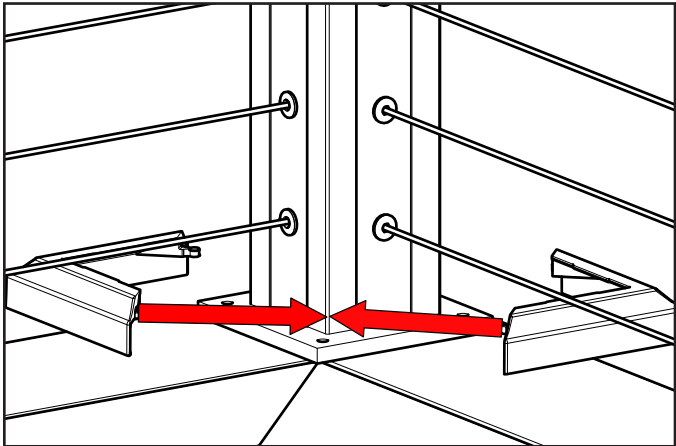
## 12 Optional Tensioner Scales



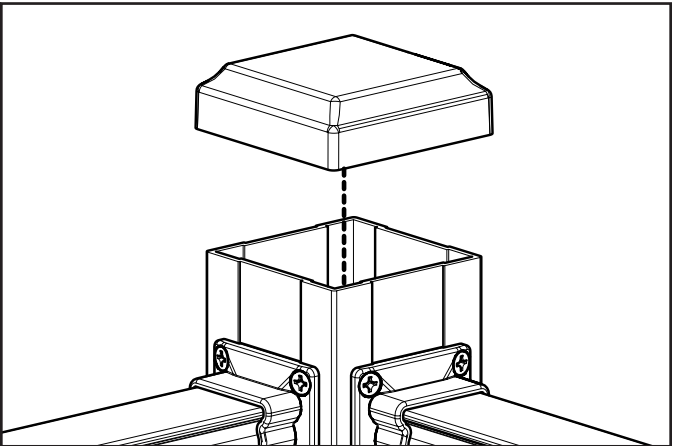
A cable tensioner scales can be used to tighten the cable to the desired tension.

**13**

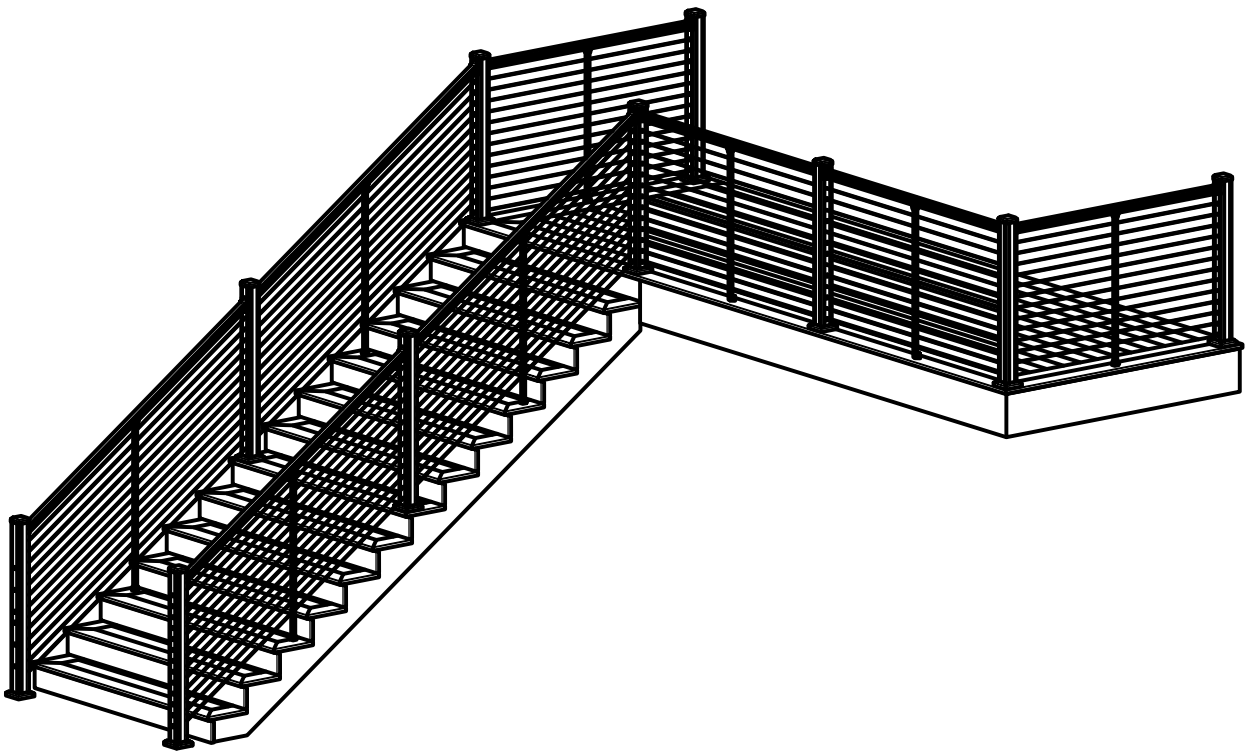
## Post Trim



2 piece trim snaps  
together around post



Place cap on post and use soft  
or rubber mallet to set in place.





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