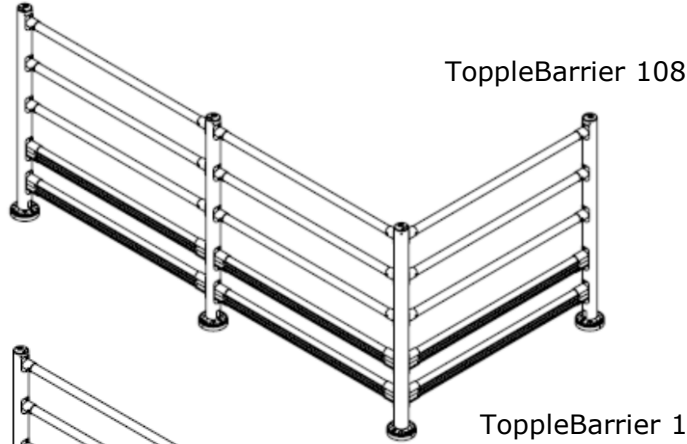


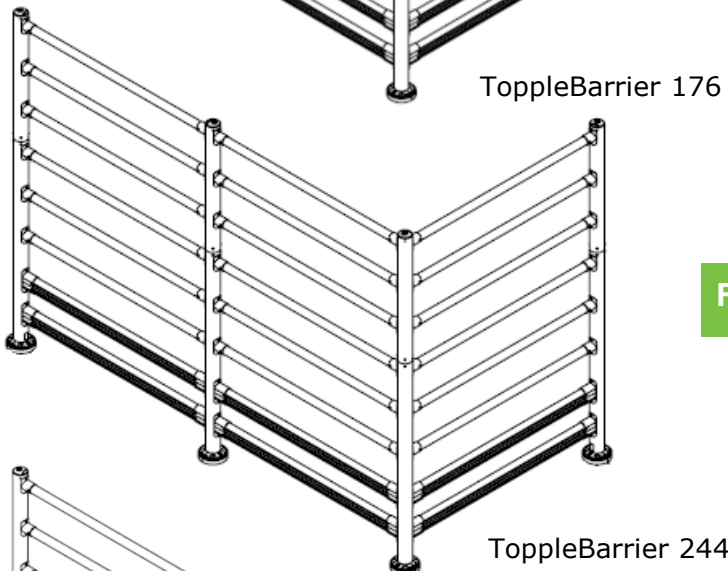
# SafeStop ToppleBarrier TB 108, 176 & 244



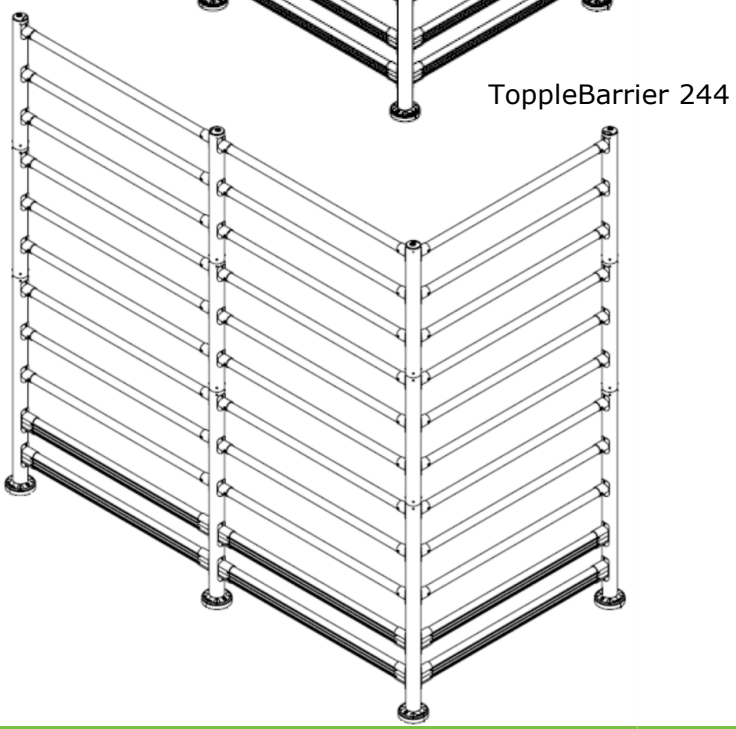
## INSTALLATION INSTRUCTIONS



ToppleBarrier 108

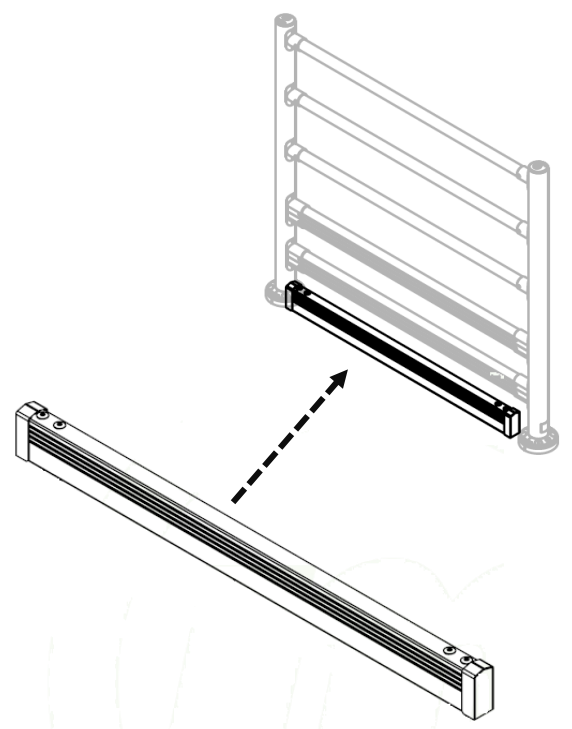


ToppleBarrier 176



ToppleBarrier 244

### FloorGuard (optional)



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[mccue.com](http://mccue.com)

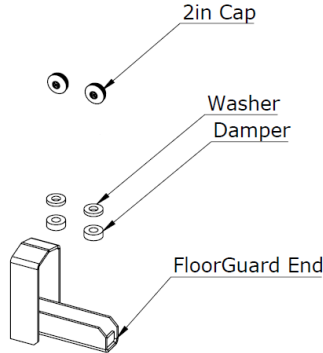
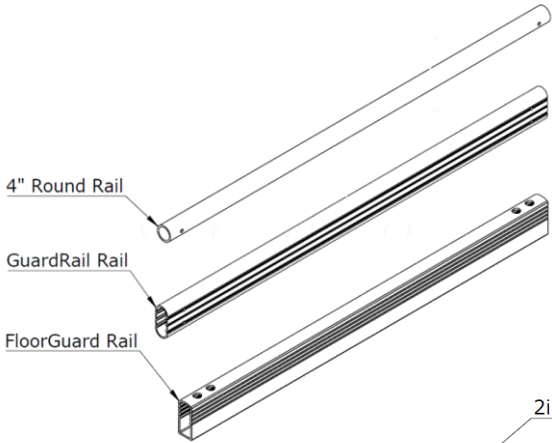
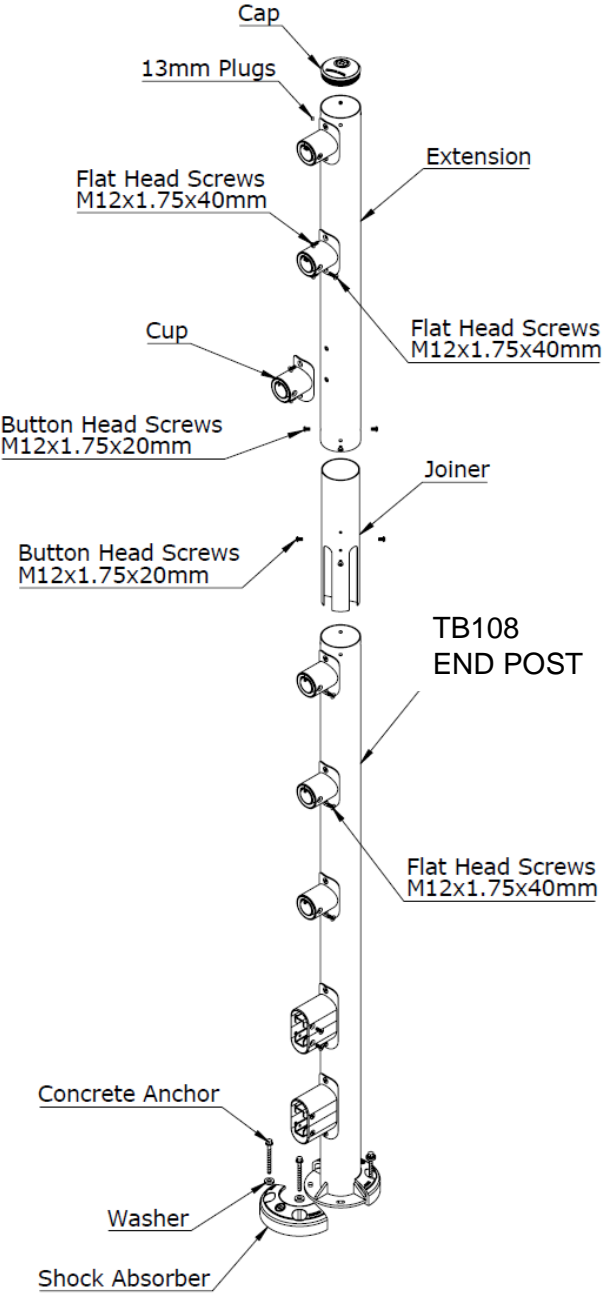
# SafeStop ToppleBarrier TB 108, 176 & 244



## INSTALLATION INSTRUCTIONS

### Components

Components will vary by configuration.



TB108  
MID POST



TB108  
CNR POST



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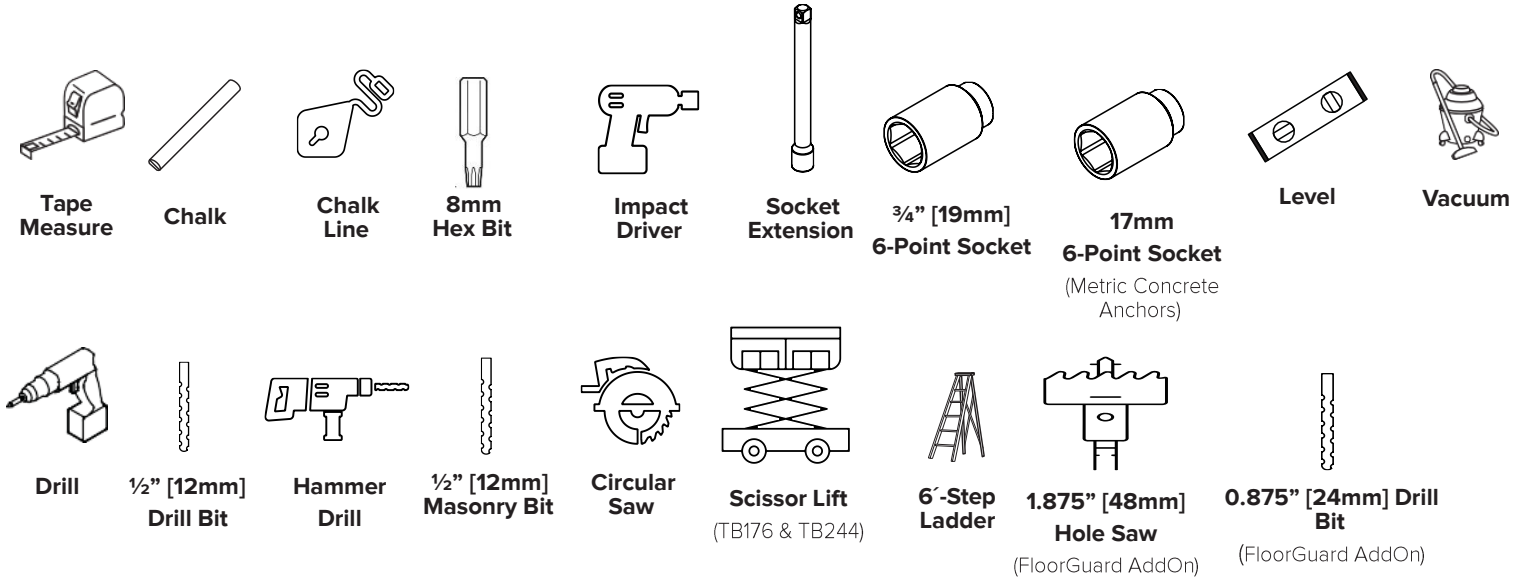
[mccue.com](http://mccue.com)

# SafeStop ToppleBarrier TB 108, 176 & 244



## INSTALLATION INSTRUCTIONS

### Required Tools



### Notes

- Instructions apply to ToppleBarrier (TB) 108, 176 and 244 configurations. Steps will apply to all configurations unless a specific configuration is listed for an individual step.
- PPE recommended: High visibility vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.
- For ease of install, clean concrete dust by running the vacuum during drilling.
- ToppleBarrier 108 Posts are a two-person lift.
- ToppleBarrier 176 and 244 require scissor-lift use for install. Two lifts recommended.
- Do not leave uninstalled post unattended. Secure to MHE if necessary.



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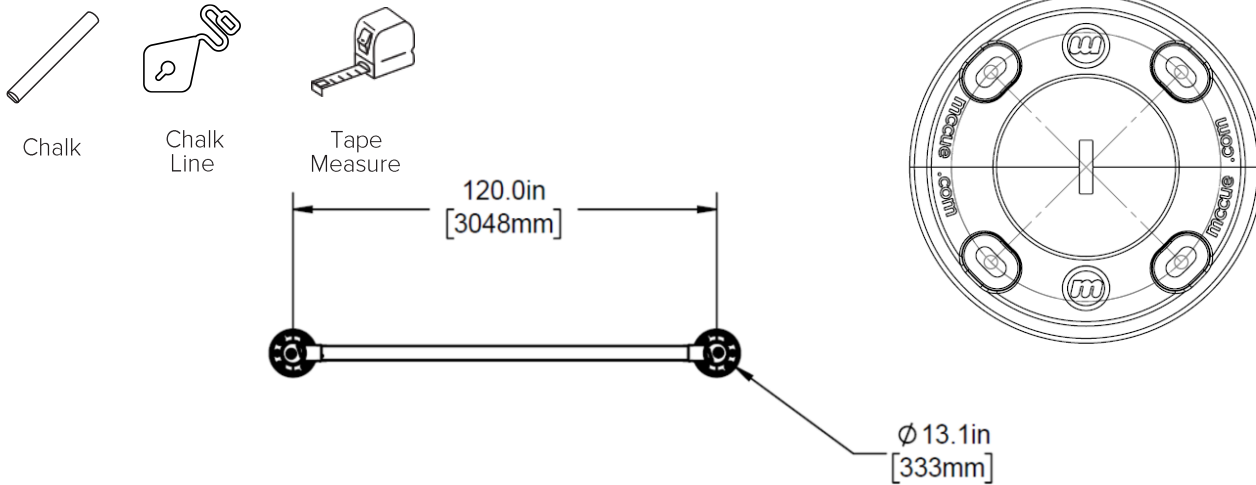
[mccue.com](http://mccue.com)



## Step 1

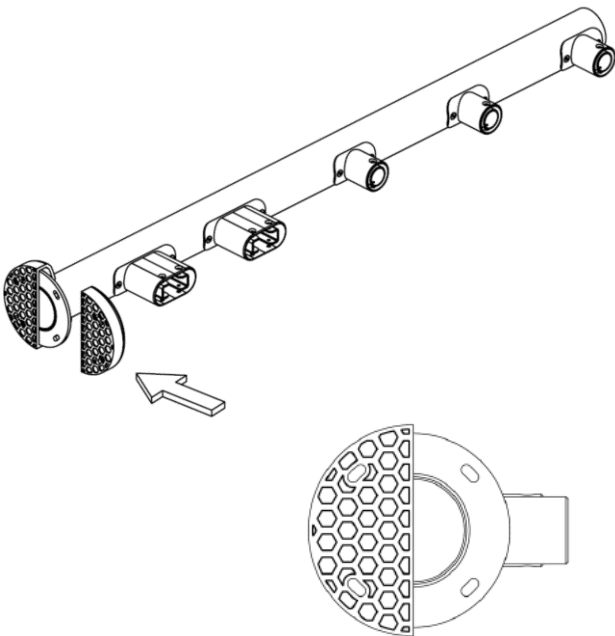
Snap chalk line where Topple Barrier will be installed and use the Shock Absorber to mark holes for your first post.

Assembly standard length is 120" [3048mm] center to center.



## Step 2

Install Shock Absorbers over baseplates.



## Step 3

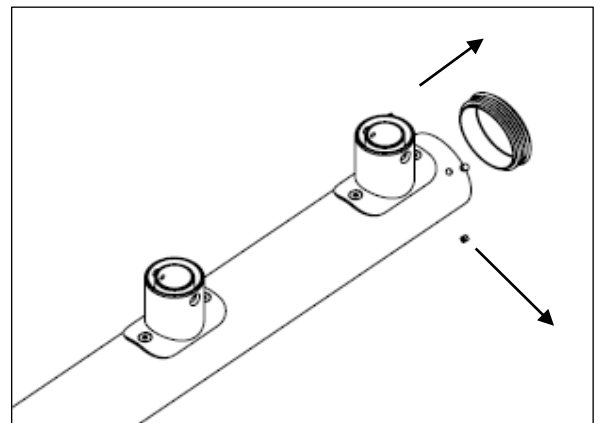
### Topple Barrier 176

### Topple Barrier 244

Remove caps and plugs from the tops of the posts if installing Topple Barrier 176 or Topple Barrier 244.

### Topple Barrier 108

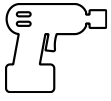
Continue to next step.



## Step 4

### Topple Barrier 176 Topple Barrier 244

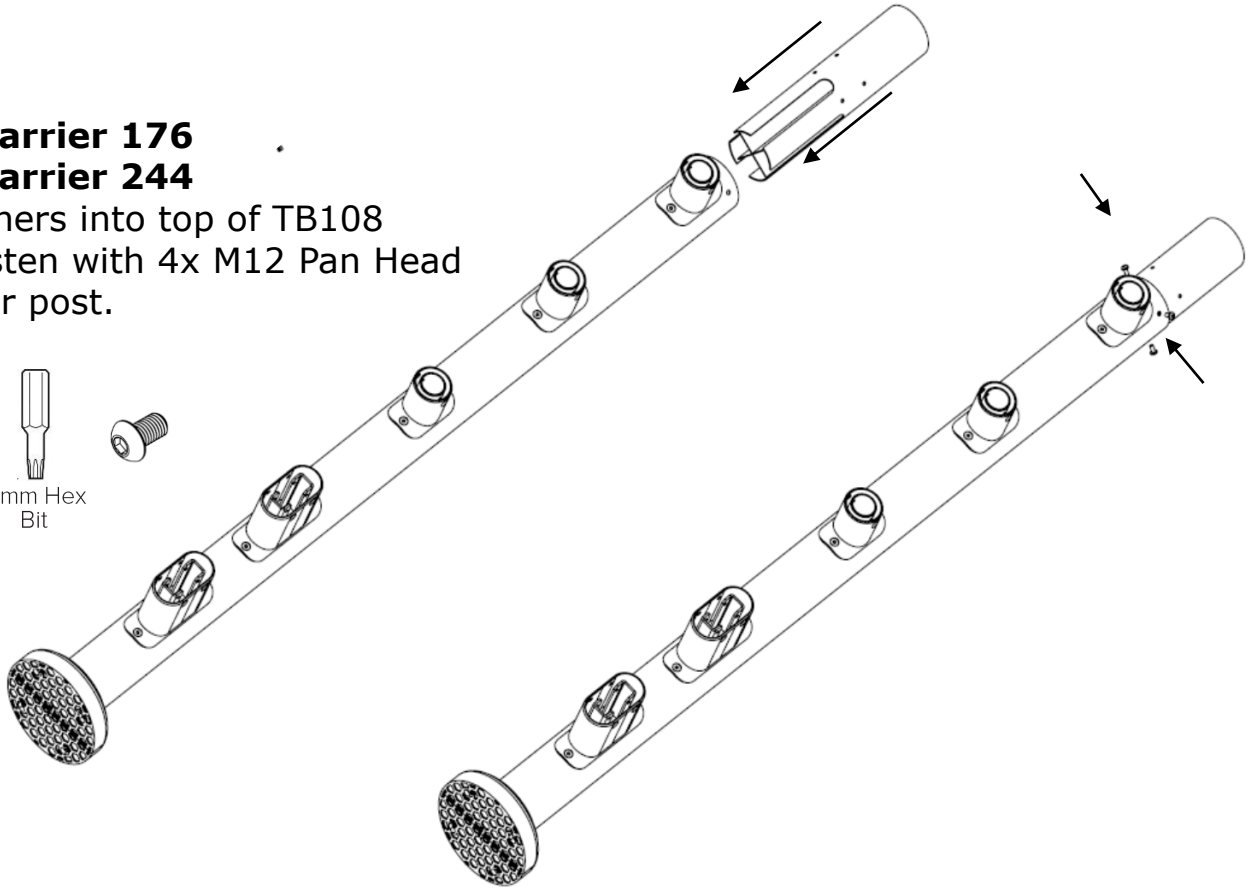
Install joiners into top of TB108 posts. Fasten with 4x M12 Pan Head screws per post.



Impact Driver



8mm Hex Bit



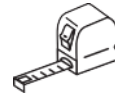
Steps 6-14 will be shown without the joiner installed for simplicity.

## Step 5

### Custom Length Rails

Measure and cut QTY 2 GuardRail Rails and  
QTY 3 Round Rails to length.

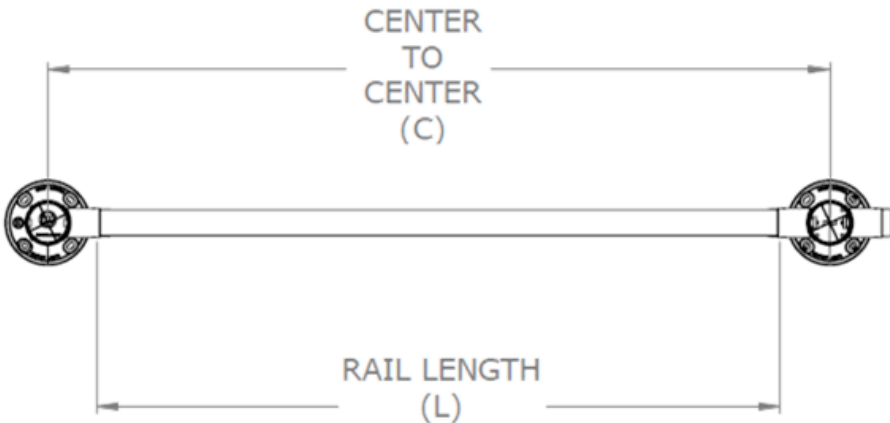
Rail Length  $L(\text{in}) = C(\text{in}) - 7.50\text{in}$   
 $L(\text{mm}) = C(\text{mm}) - 190\text{mm}$



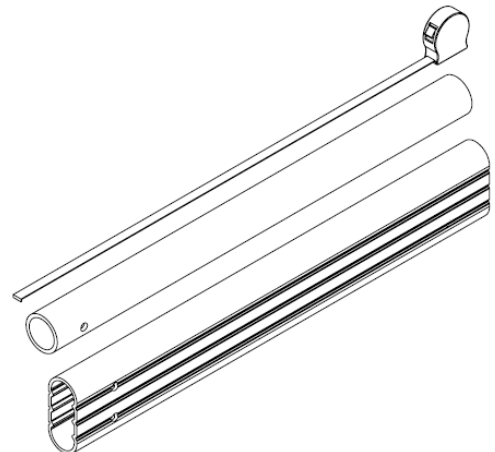
Tape Measure



Circular Saw

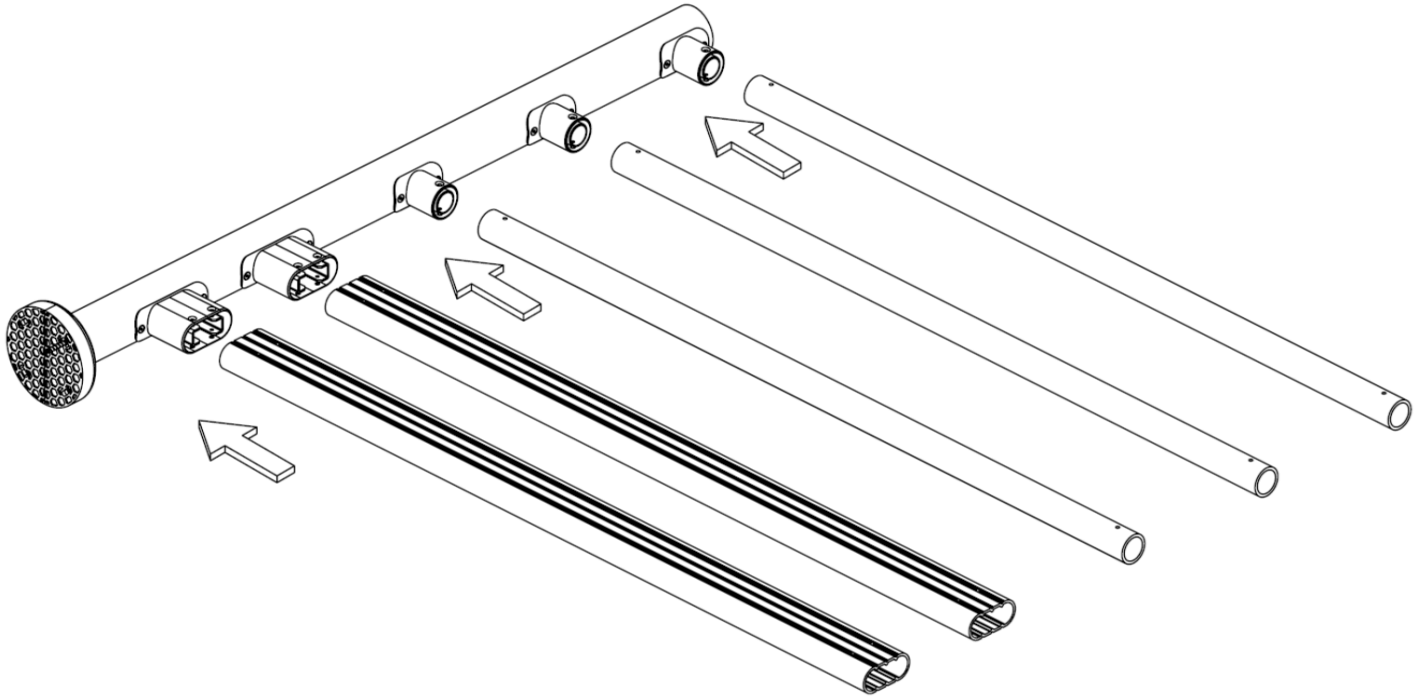


Top View



## Step 6

Insert rails so holes in rails align with holes in cups on post.

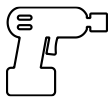


## Step 7

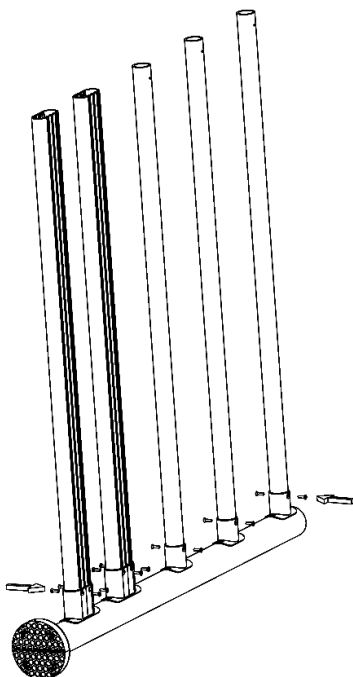
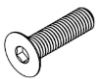
Fasten M12 Flat Head screws through post cups to secure rails



8mm Hex Bit

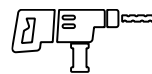


Impact Driver



## Step 8

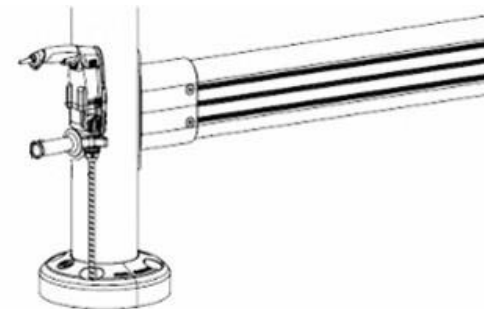
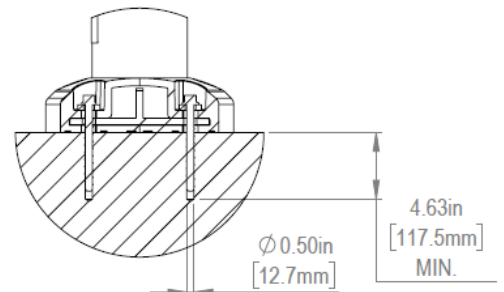
Drill holes for first post using hammer drill with 1/2" [12mm] drill bit, 4-5/8" [118mm] minimum hole depth.



Hammer Drill with 1/2" [12mm] Bit

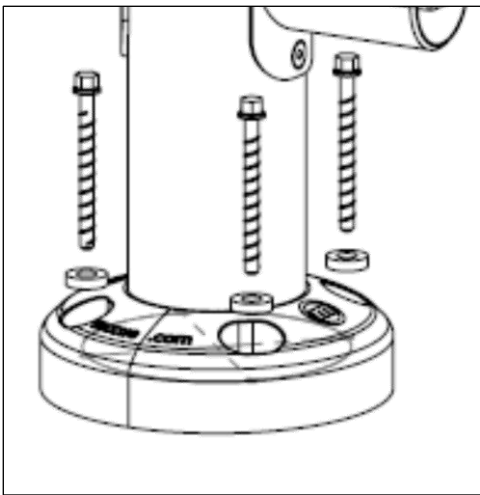
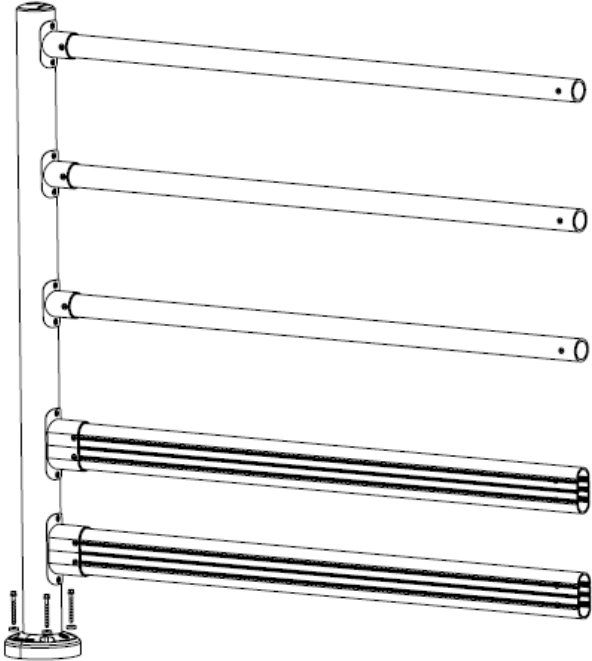


Vacuum



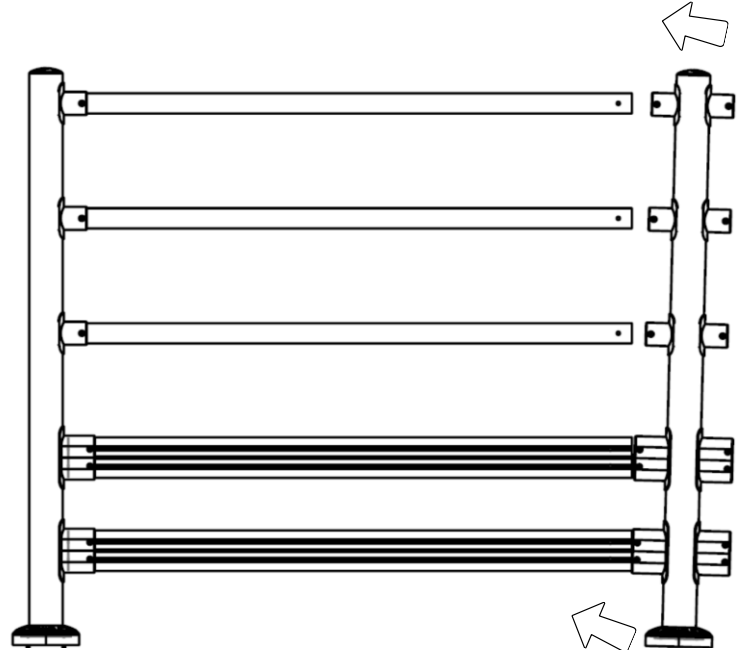
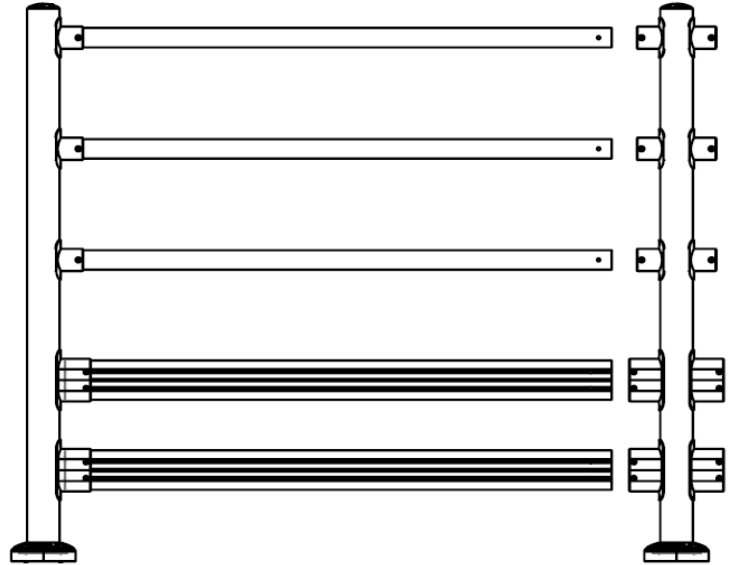
## Step 9

Move post in to place. Fasten post to floor with ½" [12mm] concrete anchors through washers.



## Step 10

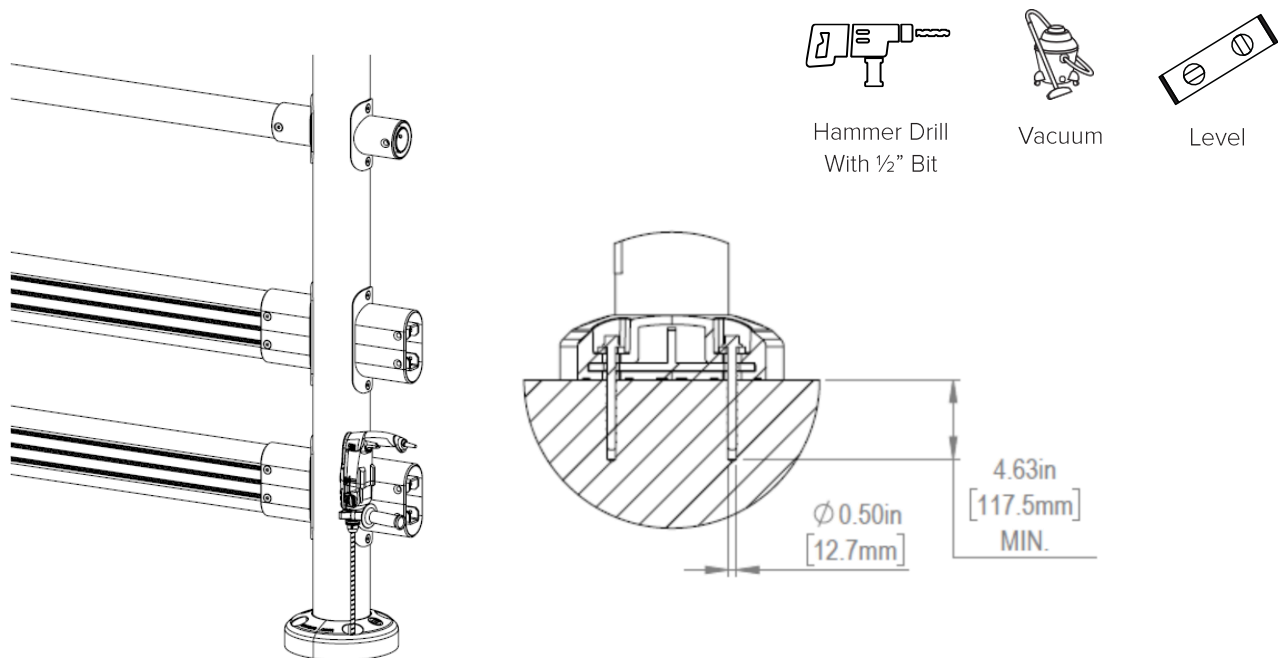
Align next post. Insert rails into cups starting with the bottom cup, working upwards.





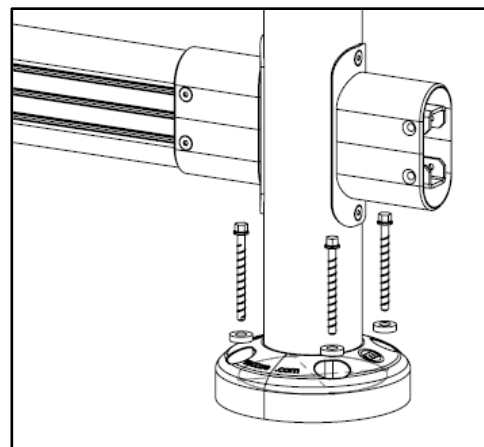
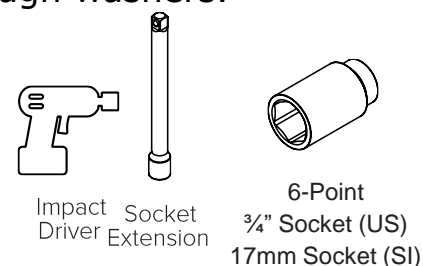
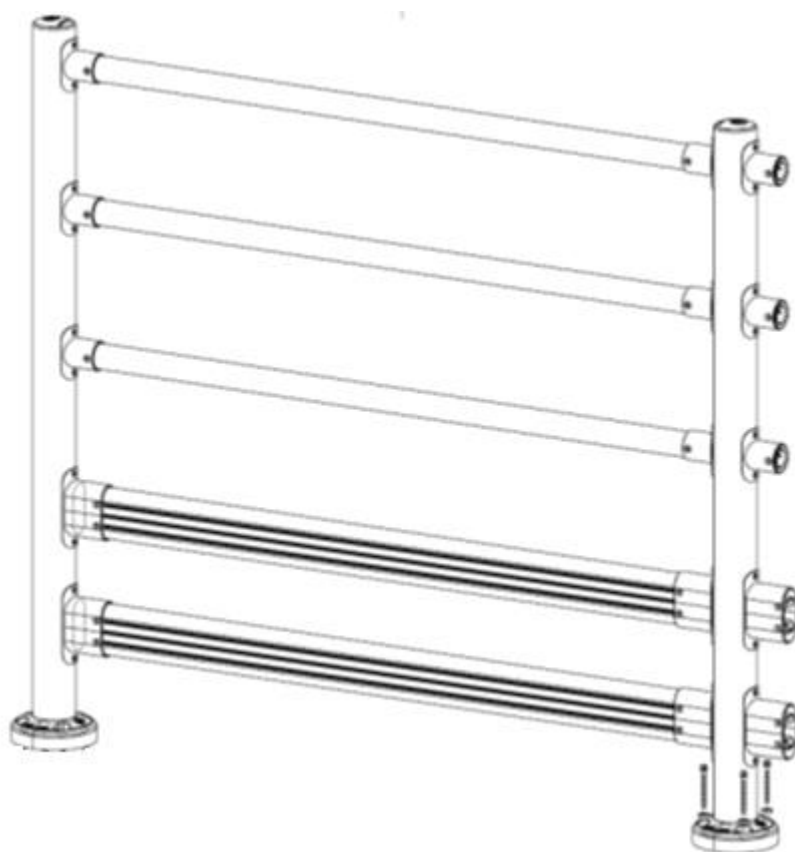
## Step 11

Ensure post is in position and in line and then drill anchor holes through shock-absorber and baseplate. Drill  $\frac{1}{2}$ " [12mm] holes to a minimum 4-5/8" [118mm] hole depth. Check for straightness with a level.



## Step 12

Fasten post to floor with  $\frac{1}{2}$ " [12mm] concrete anchors through washers.





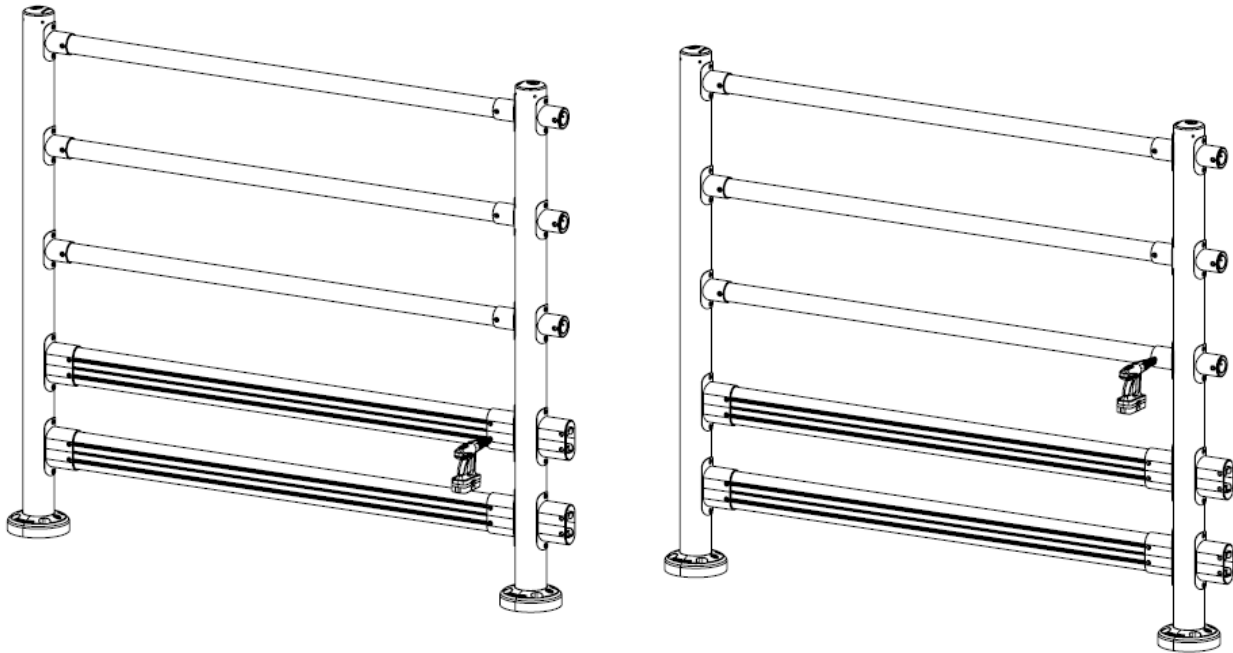
## Step 13

### For Custom Lengths

Drill through cups with 1/2" [12mm] drill bit prior to fastening.  
For standard length sections, skip this step.



Drill with 1/2"  
Drill Bit

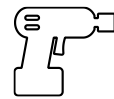


## Step 14

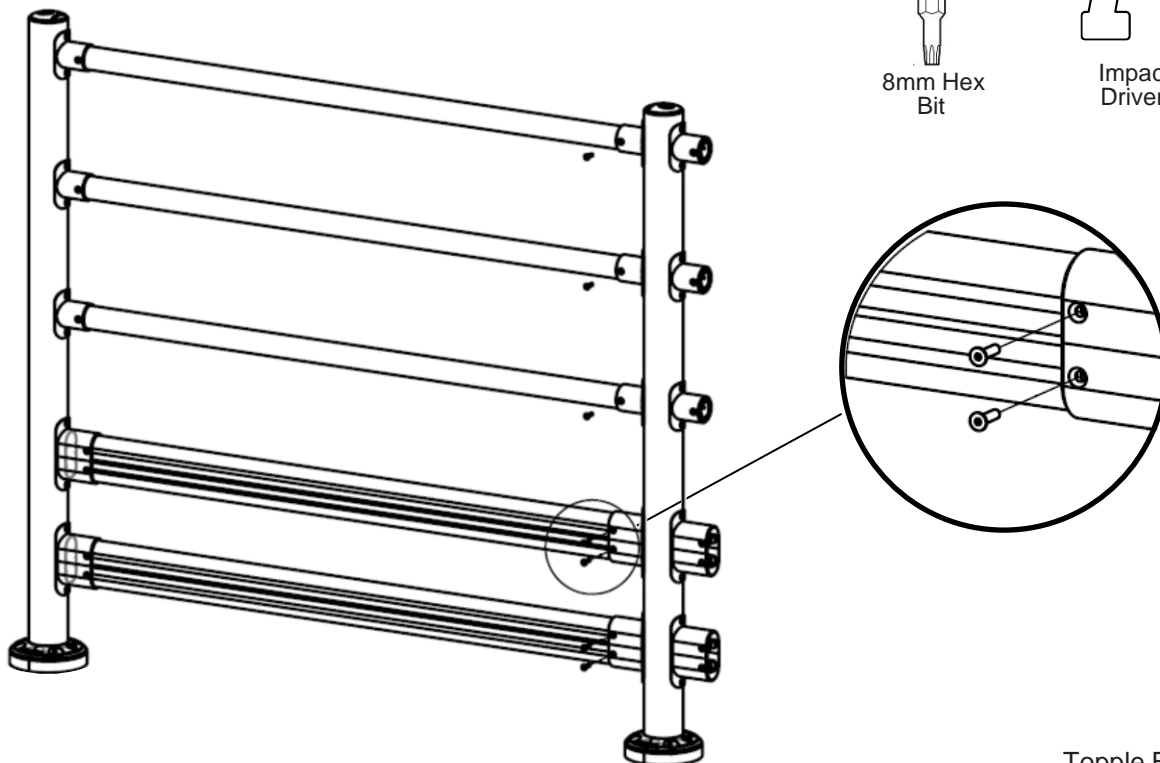
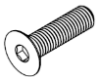
Fasten Flat Head screws through post cups to secure rails.



8mm Hex  
Bit



Impact  
Driver



## Step 15

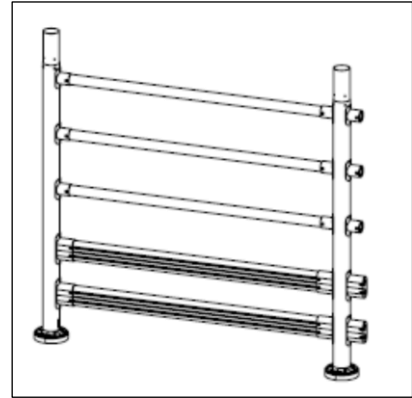
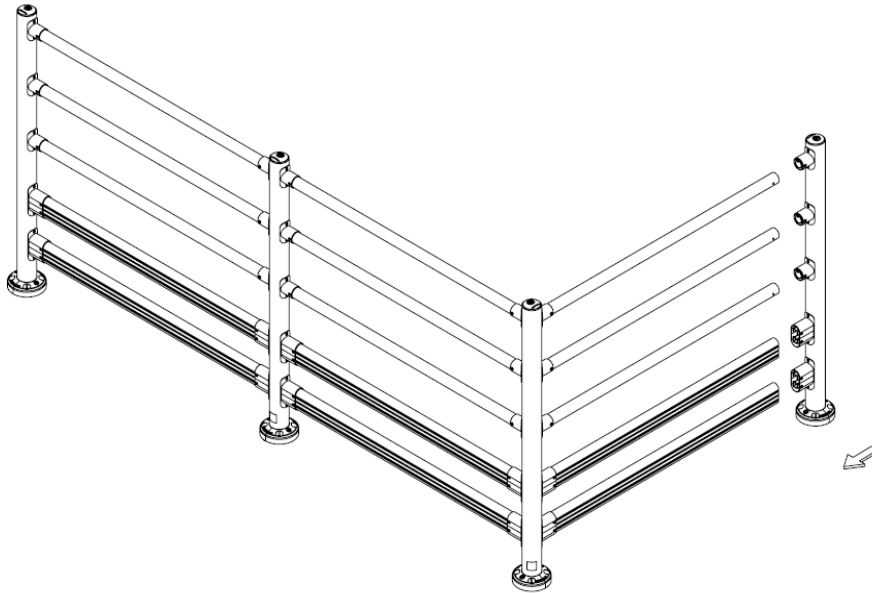
### Topple Barrier 108

Continue Steps 6-14 until final post is fully installed.

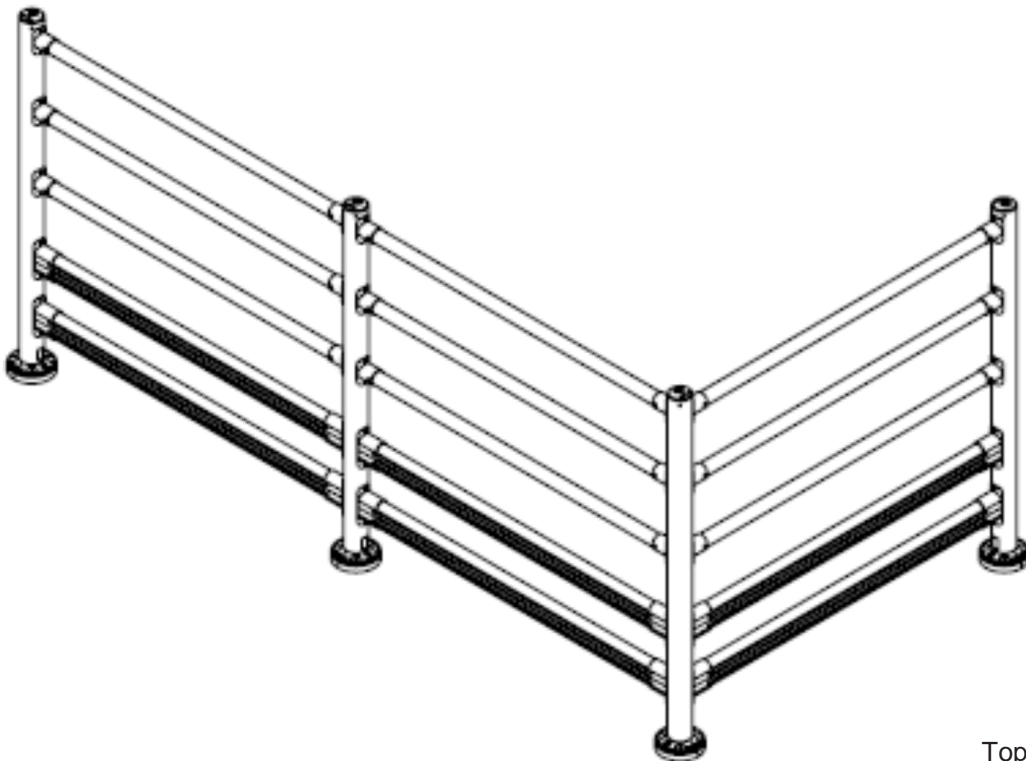
### Topple Barrier 176

### Topple Barrier 244

Continue to step 16



## Topple Barrier 108 Complete

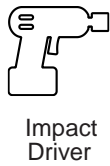
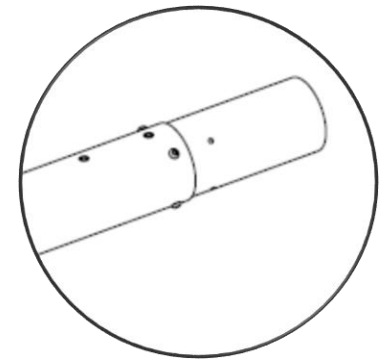
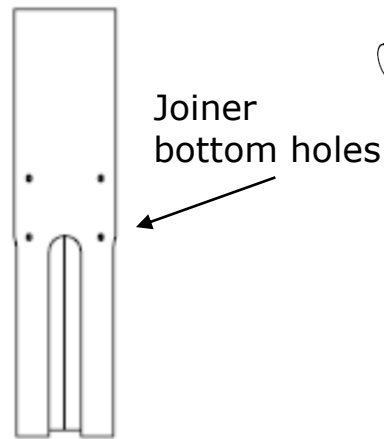
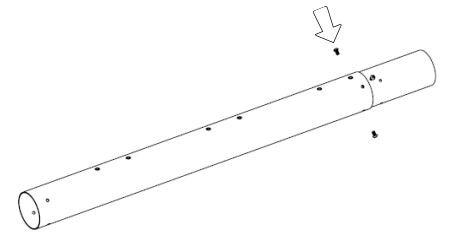
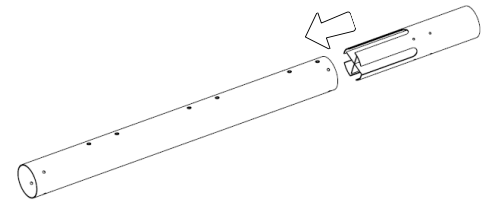
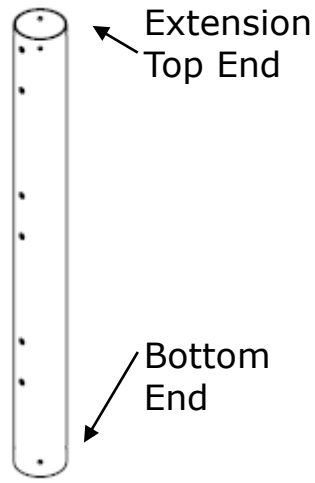


## Step 16

### ToppleBarrier244

Assemble two joiners with extensions.

Insert joiner into top end of extension and fasten with QTY 4 Button Head screws through the bottom set of joiner holes. See graphic for extension hole orientation.

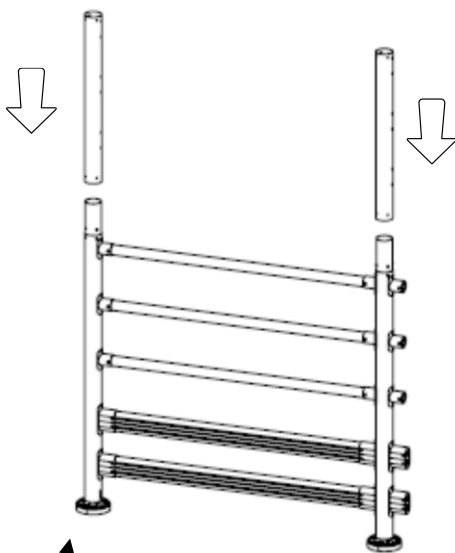


## Step 17

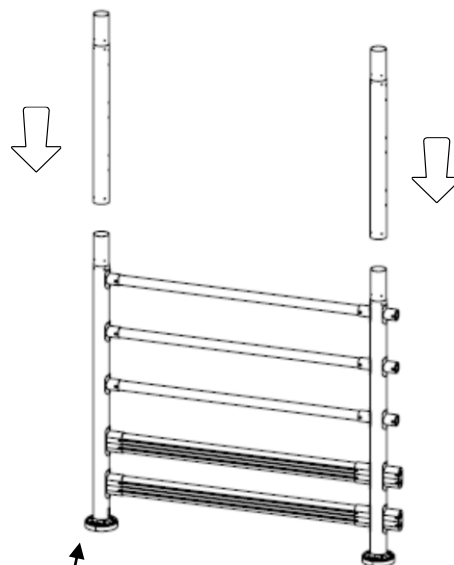
### ToppleBarrier176

### ToppleBarrier244

Place extensions on installed TB108 posts.



TB176

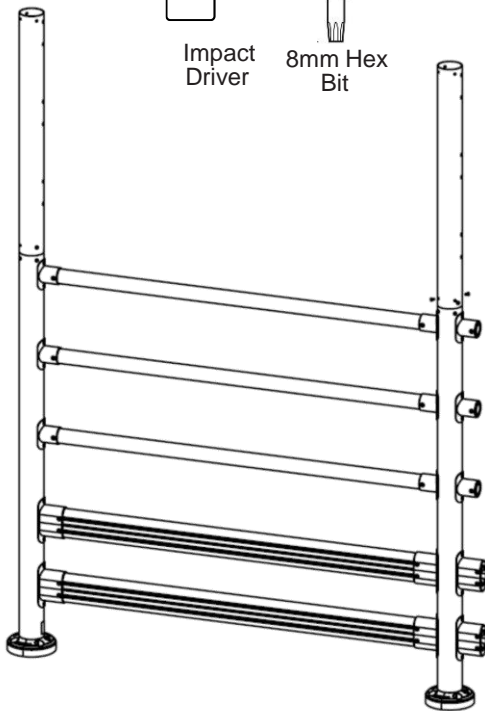
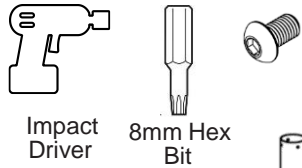


TB 244

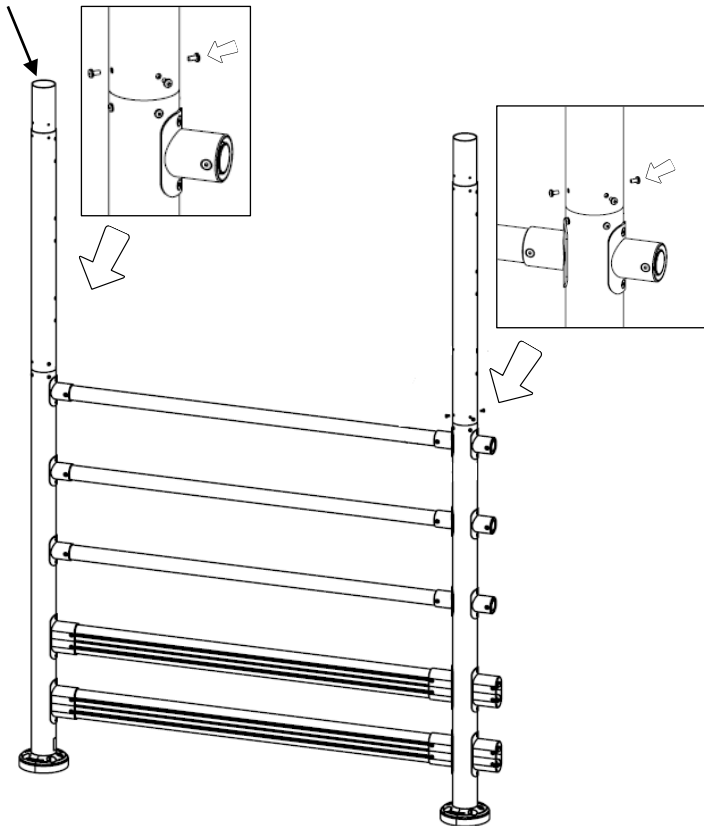
## Step 18

### Topple Barrier 176 Topple Barrier 244

Install extensions (or extensions + joiner assembly) onto base uprights. Fasten with QTY 4 Button Head Screws per post.



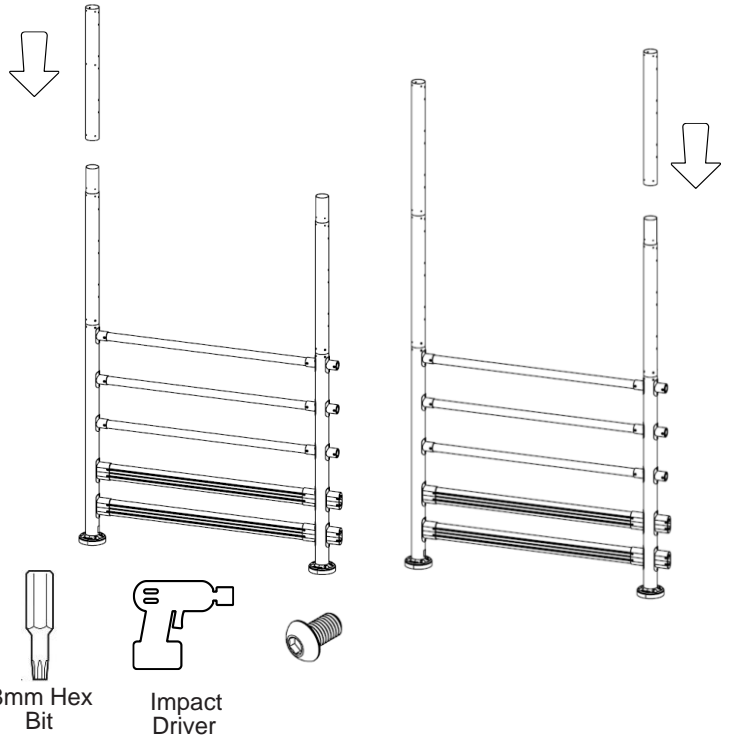
TB176  
TB 244



## Step 19

### ToppleBarrier244

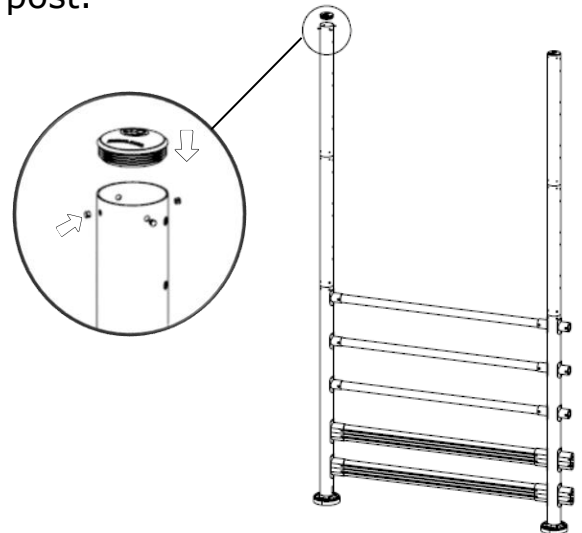
Continue building upright post by installing second extension piece over joiner and fastening per step 17 & 18.



## Step 20

### ToppleBarrier176 ToppleBarrier244

Complete building Topple Barrier Uprights by fastening cap and 4 plugs per post.

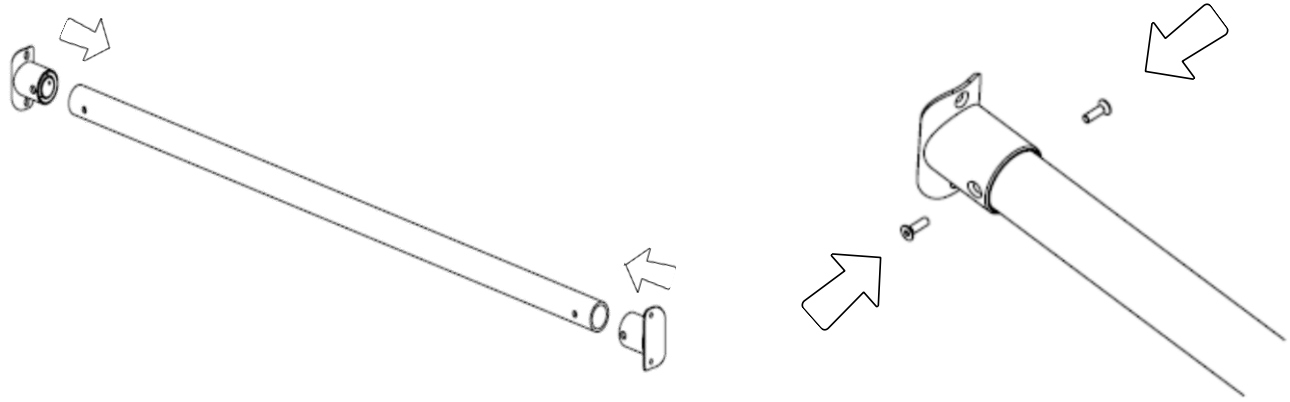


## Step 21



### ToppleBarrier176 ToppleBarrier244

Assemble rails to cups for standard rail lengths. For custom lengths see next step. Slide rails into cups on each end and fasten each side with QTY 2 x M12 Flat Head screws.



## Step 22

### Custom Length Rails ToppleBarrier176 ToppleBarrier244 \*2 Installers Required

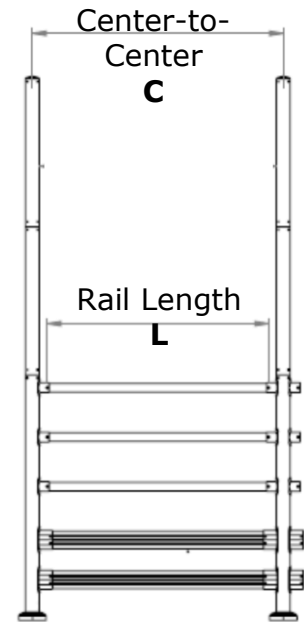
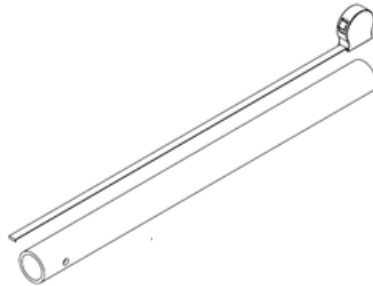
**A** Cut rails to length:  
 $L = C \text{ (in)} - 7.5\text{in}$  or  
 $L = C \text{ (mm)} - 190\text{mm}$



Circular Saw



Tape Measure

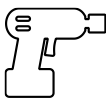


**B**

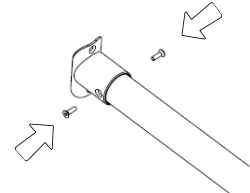
Insert pre-drilled end of rail into cup and fasten with QTY 2 Flat head screws. Repeat for all rails in section.



8mm Hex Bit



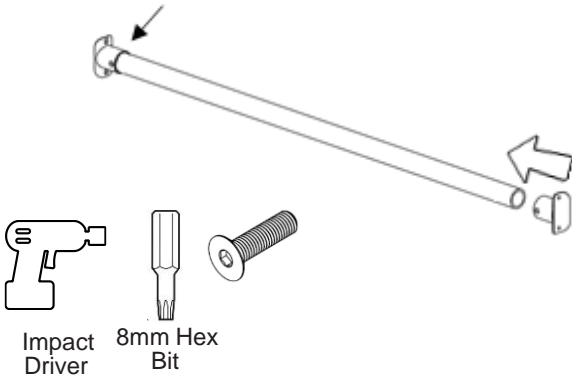
Impact Driver



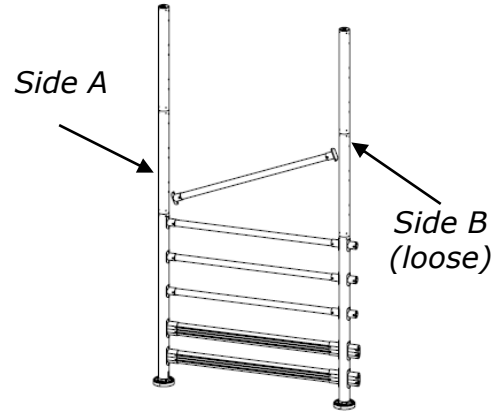
## Step 22 (continued)

**C** Insert cut end of rail into 2<sup>nd</sup> cup. Do not drill through 2<sup>nd</sup> end (Side B). Repeat for all rails in section.

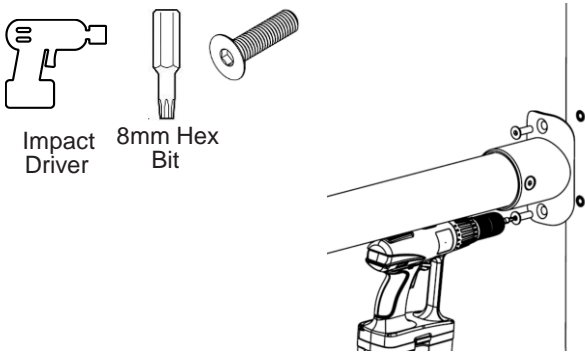
*Side A (Fastened cup side)*



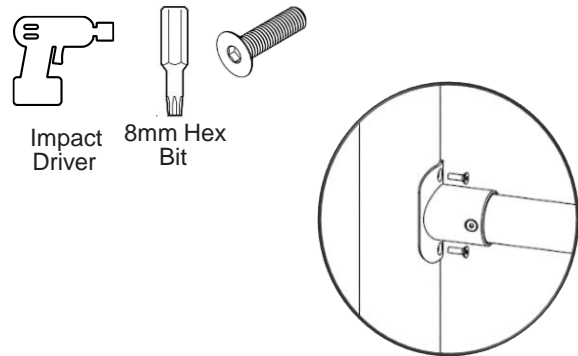
**D** Lift rail into position keeping side B angled above side A.



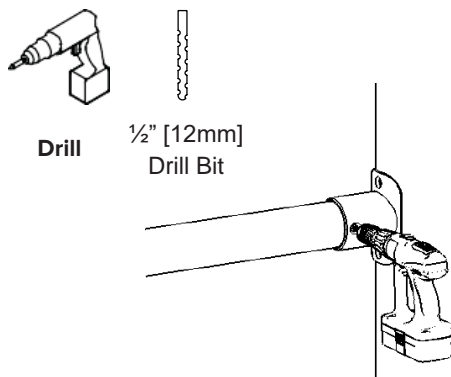
**E** Align cup holes with threaded holes in post and fasten side B to the lowest open extension holes with 2 x Flat Head Screws



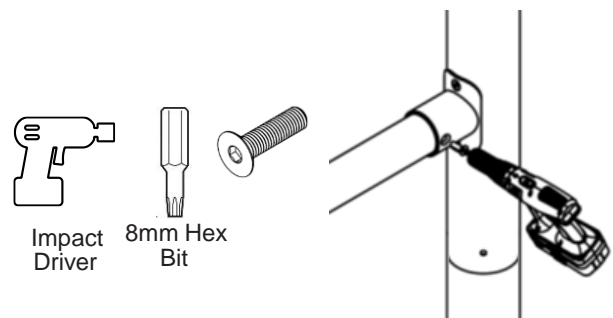
**F** Attach Side A to the opposite post threaded holes using 2 x Flat Head Screws



**G** Drill through rail through cup holes on both faces of side B



**H** Fasten rail to cup on side B with two Flat Head screws.



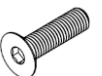
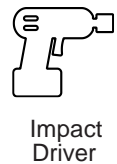
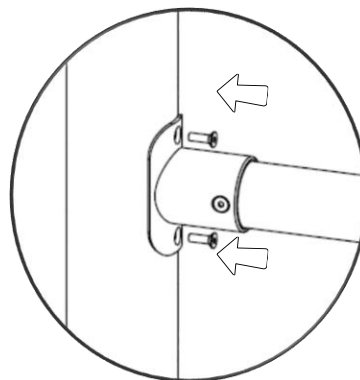
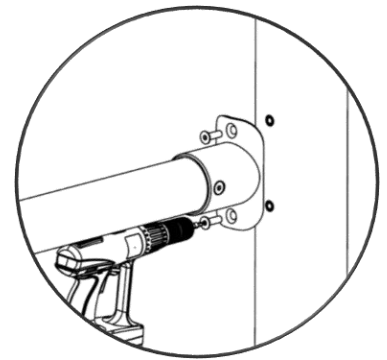
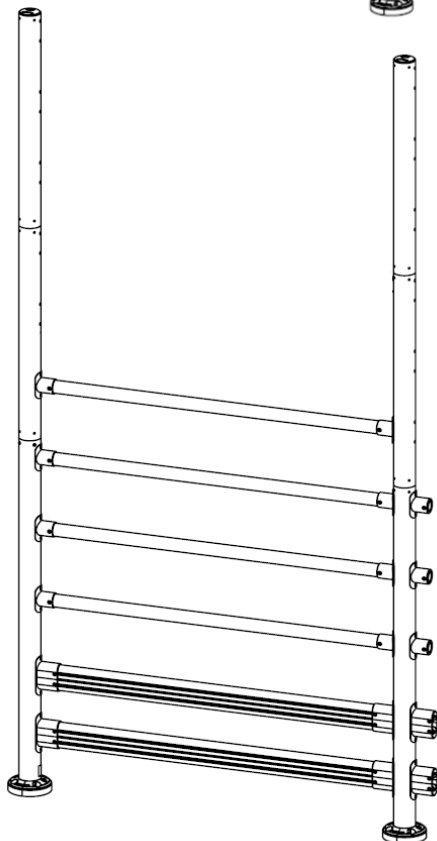
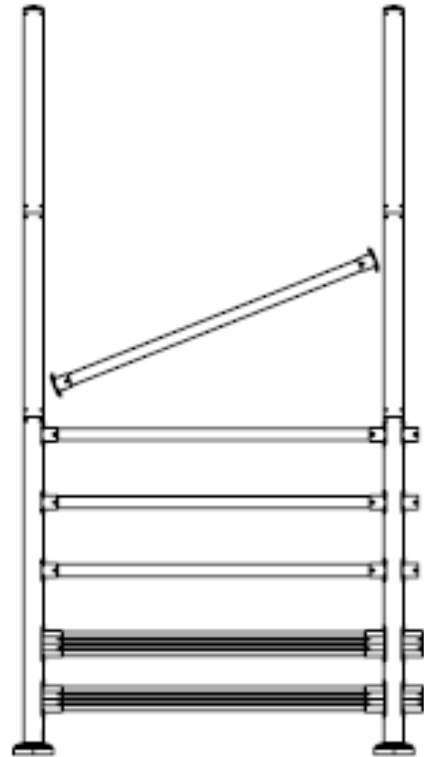
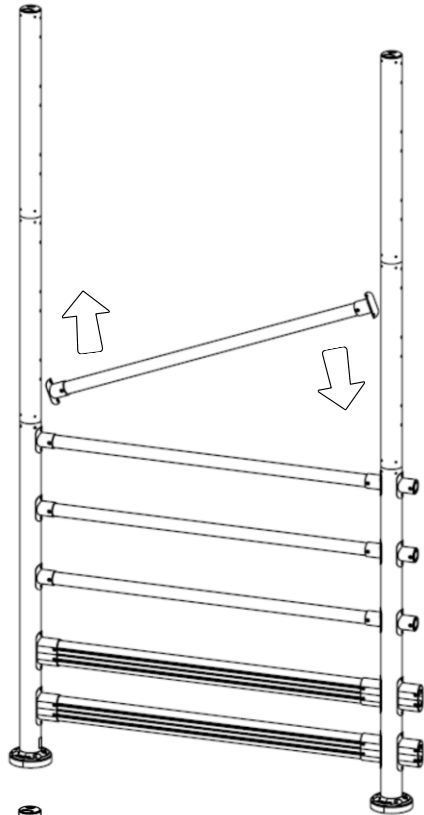
Continue with all rails in section then continue to Step 27.

## Step 23

### ToppleBarrier176 ToppleBarrier244

### standard length rails

Starting with the bottommost hole set, angle rail-cup assembly to position into place with threaded holes on post.  
Fasten each cup with 2 Flat Head screws per cup.



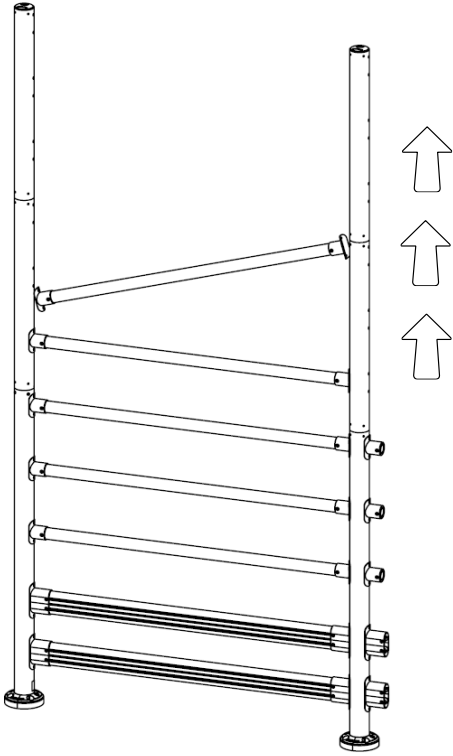


**Step 24**

**ToppleBarrier176**

**ToppleBarrier244**

Install next higher rail

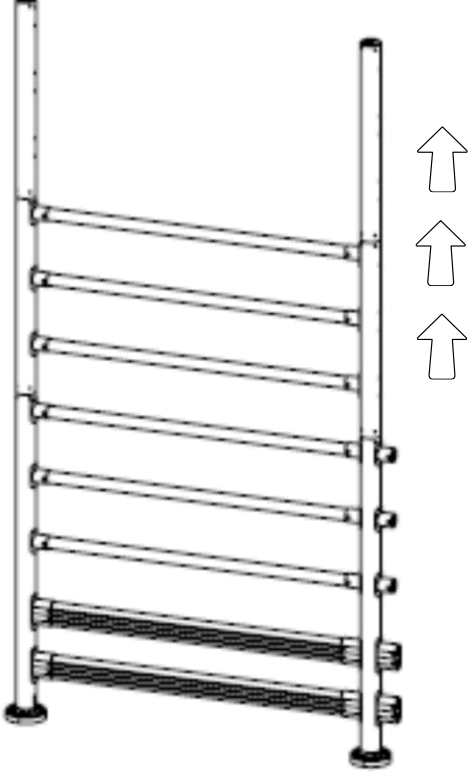


**Step 25**

**ToppleBarrier176**

**ToppleBarrier244**

Continue to install rails building upwards.

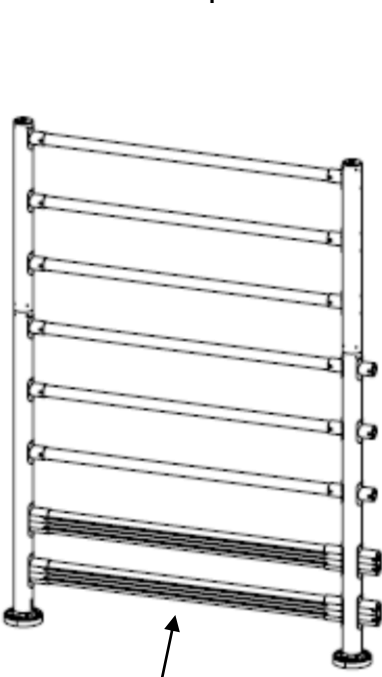


**Step 26**

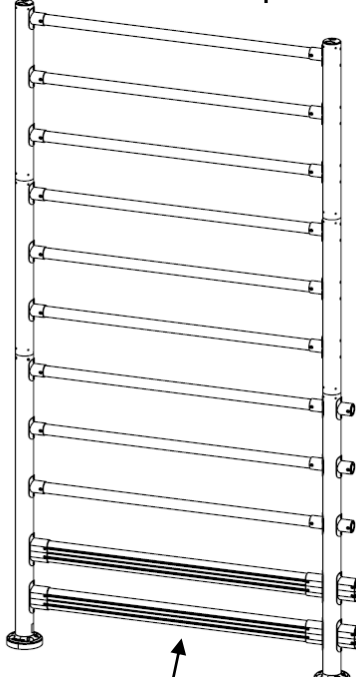
**ToppleBarrier176**

**ToppleBarrier244**

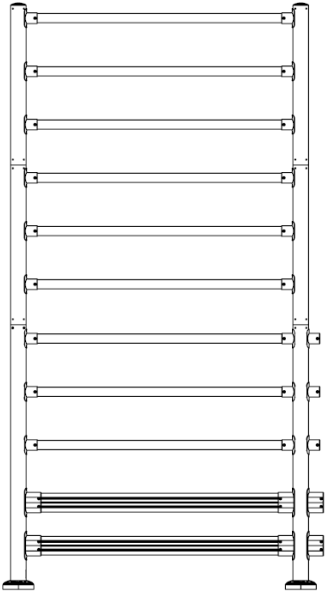
Install rails upward until first section is complete with top rail installed.



TB176



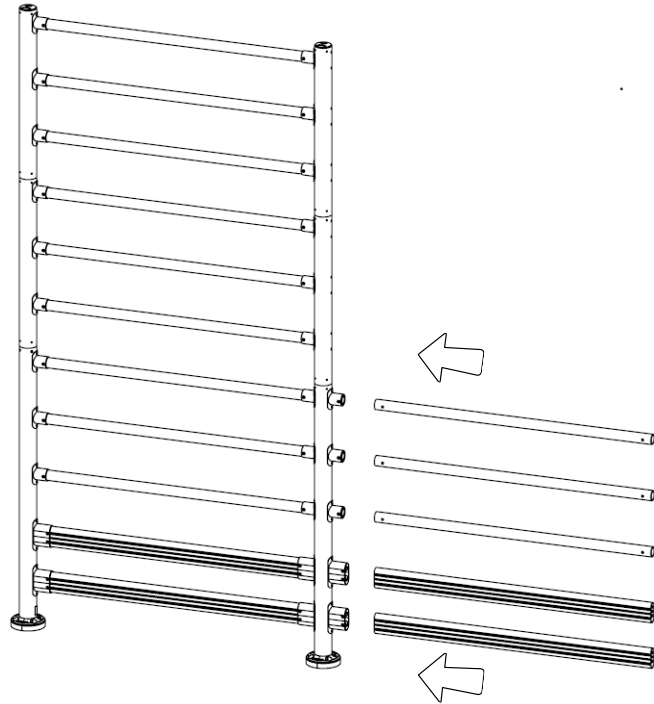
TB 244



## Step 27

### ToppleBarrier176 ToppleBarrier244

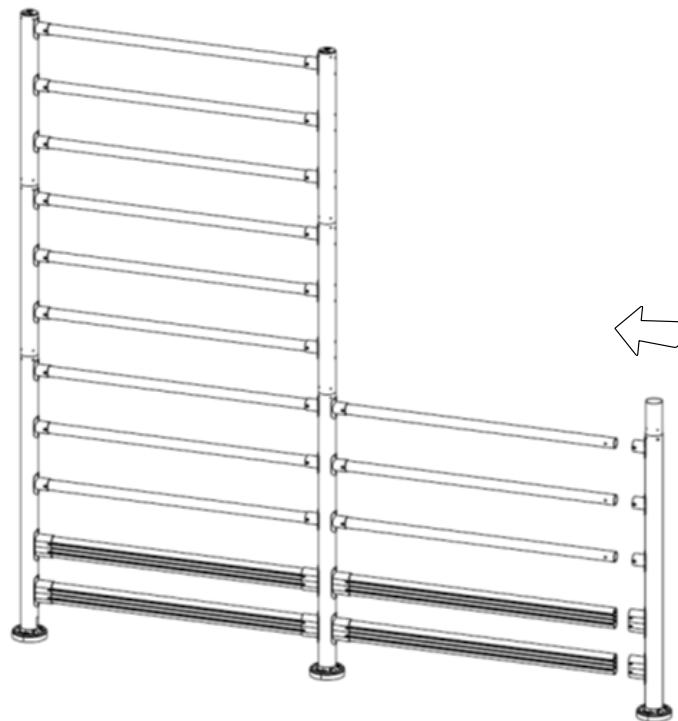
Install next section of lower rails,  
QTY 2 GuardRail Rails and  
QTY 3 Round Rails per section.  
Insert and fasten 1 end of each rail  
to next TB108 post in continuous  
run per steps 5-7.



## Step 28

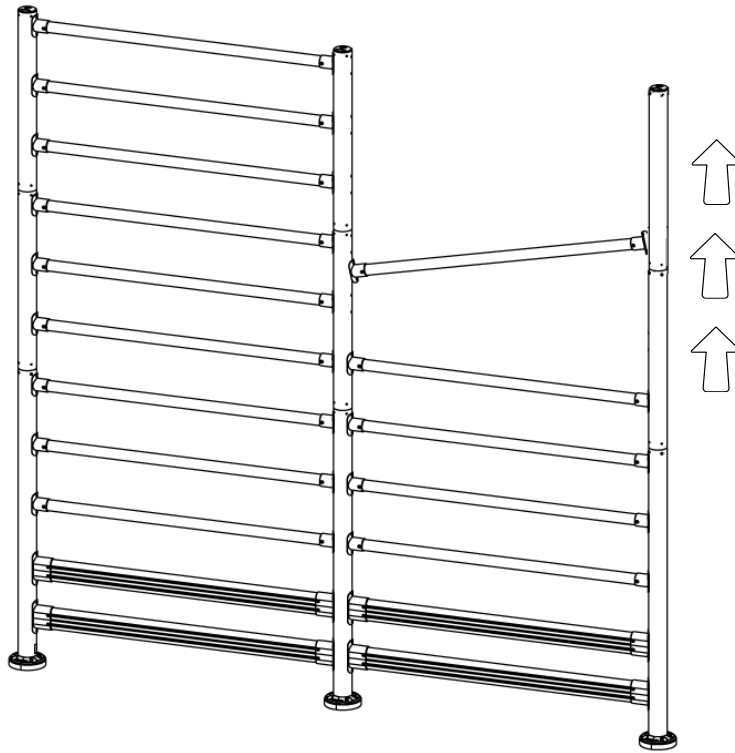
### ToppleBarrier176 ToppleBarrier244

Install next TB108 post per  
steps 10-12.



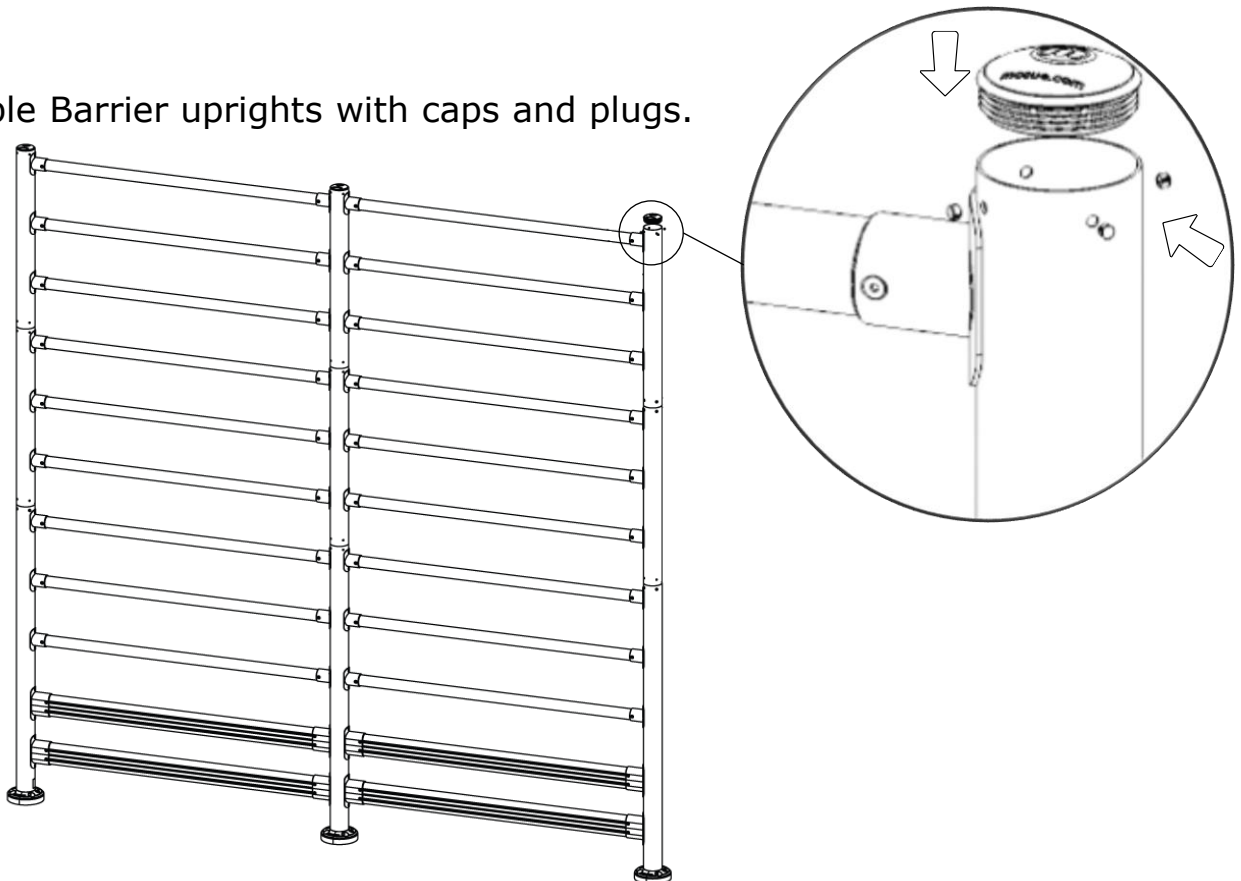
## Step 29

Repeat step 19-28 until full run is completed

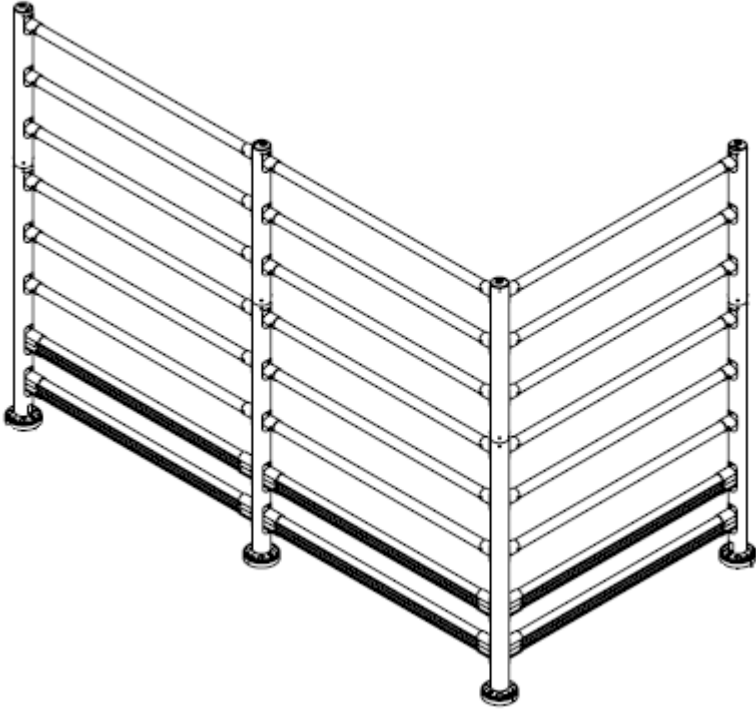


## Step 30

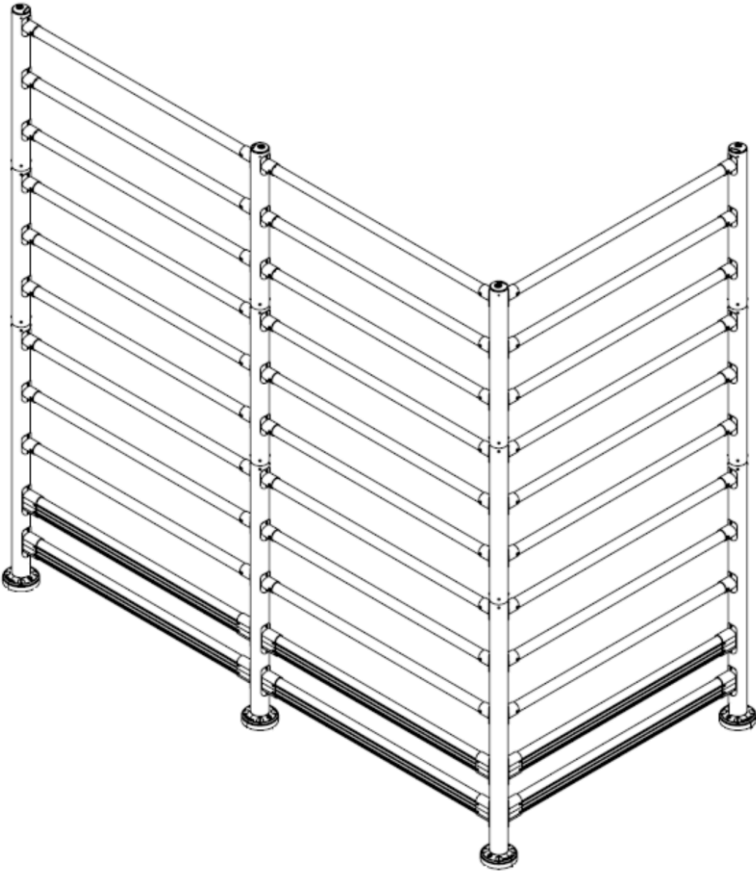
Finish Toppole Barrier uprights with caps and plugs.



**ToppleBarrier176  
Complete**



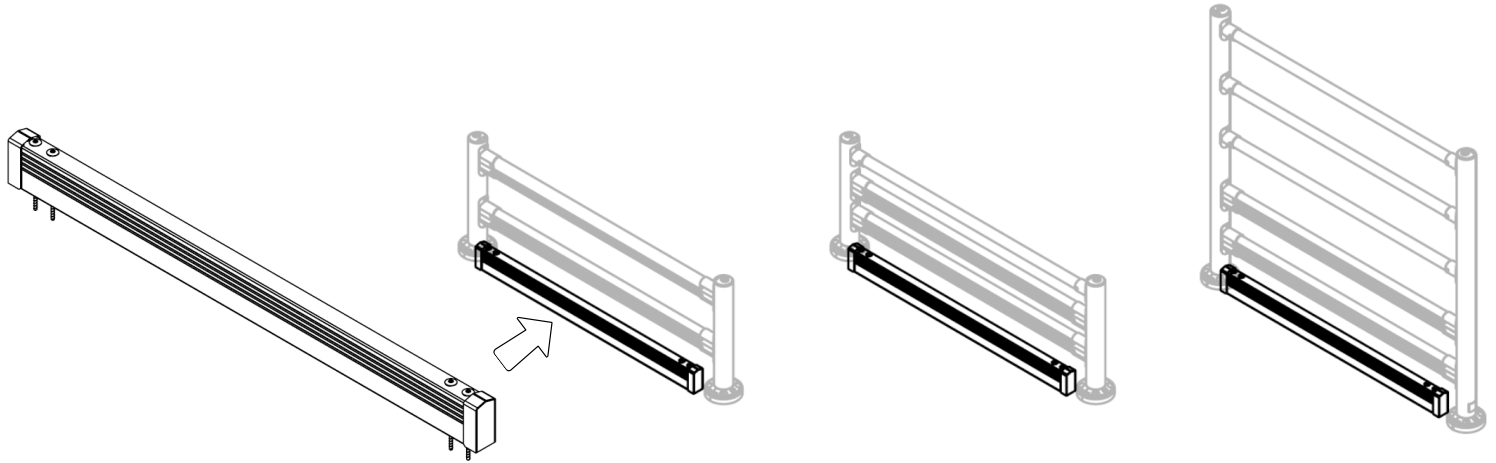
**ToppleBarrier244  
Complete**



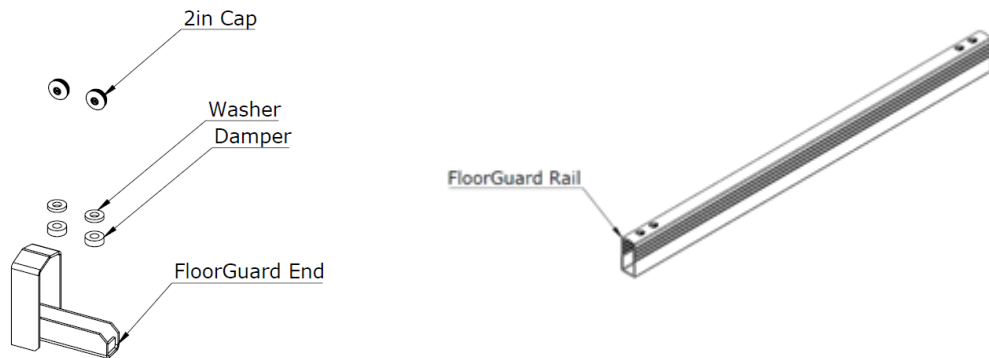
# Topple Barrier with FloorGuard



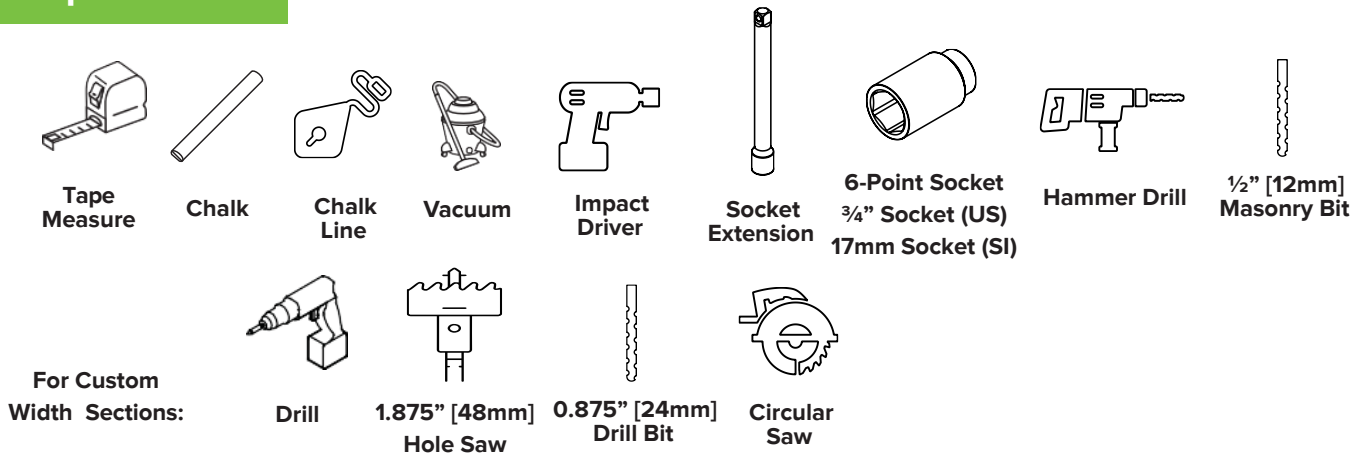
## INSTALLATION INSTRUCTIONS



### Components



### Required Tools



**McCue Corporation**  
 Danvers, Massachusetts, USA  
 +1 (800) 800 8503  
[customer-care@mccue.com](mailto:customer-care@mccue.com)

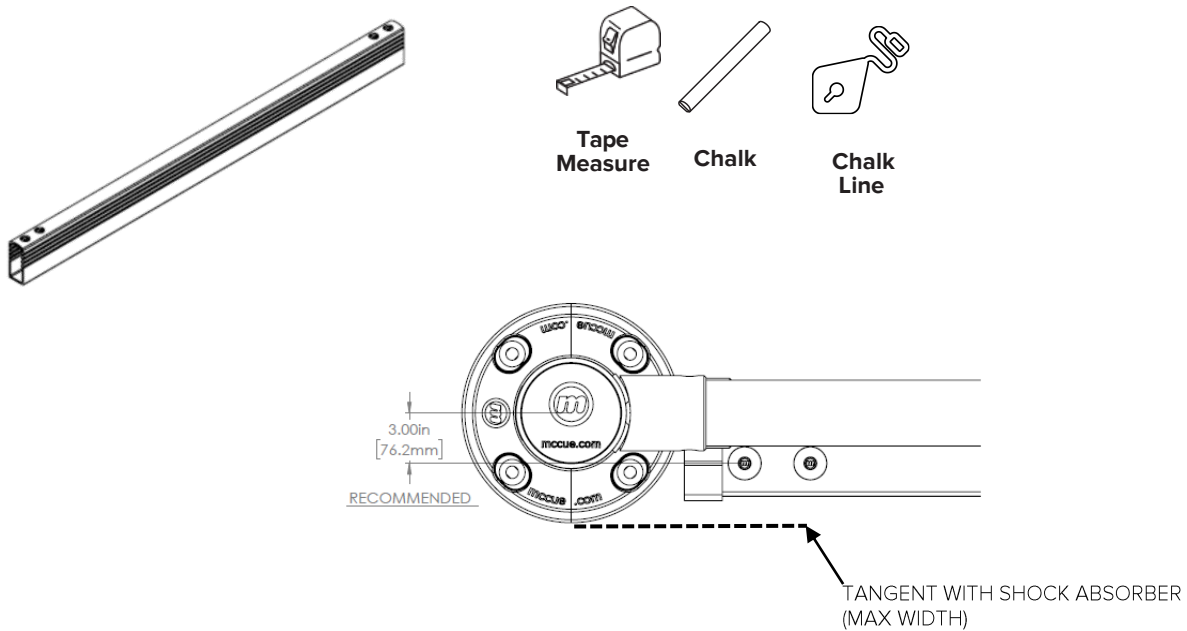
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 Milton Keynes, United Kingdom  
 +44 (0)1908 365 511  
[uksales@mccue.com](mailto:uksales@mccue.com)

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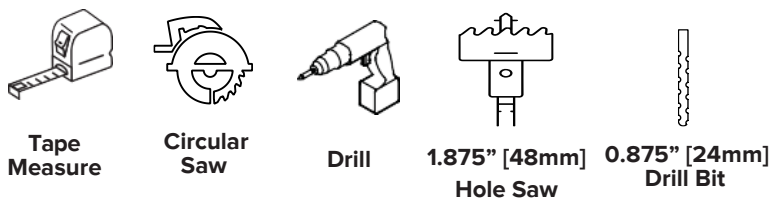
## Step B-1

Move FloorGuard rails into place with the front face tangent with the shock absorber face as the maximum width.



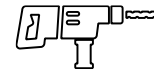
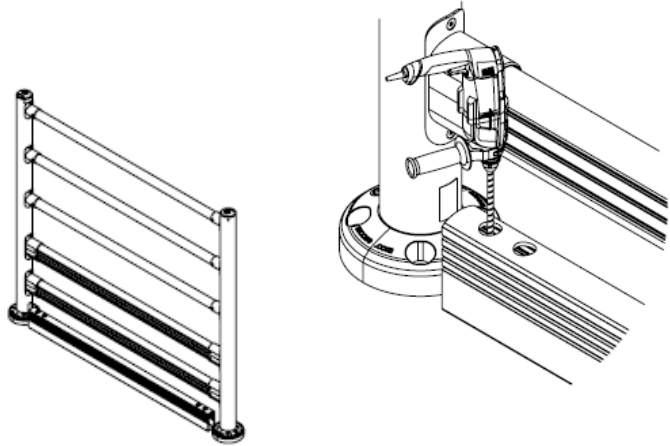
## Step B-2

For sections less than 10' [3048mm] center-to-center, cut FloorGuard rail to length, 14.50in [368mm] shorter than center-to-center distance. Re-drill holes on cut end per the dimensions shown below. For standard length sections continue to Step B-3.



### Step B-3

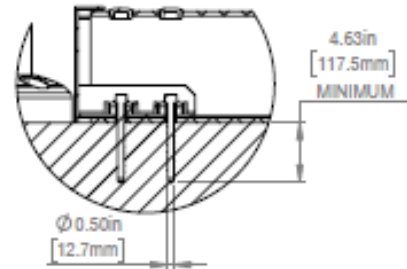
Ensure rails are in place tangent to shock absorbers. Drill 2 holes per side in the concrete through FloorGuard rail. Vacuum clean.



Hammer Drill  
With 1/2"  
[12mm]  
Masonry Bit



Vacuum



### Step B-4

Insert shock absorbers and washers concentric with FloorGuard anchor holes inside FloorGuard End (Figure A).  
Insert tab of FloorGuard ends into ends of rails until rail holes are concentric with anchor holes (Figure B).  
Fasten concrete anchors through FloorGuard End anchor holes to the floor and cap holes (Figure C & D).

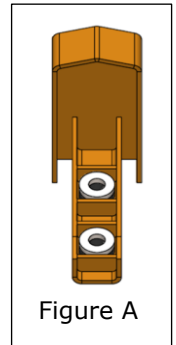


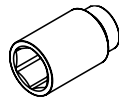
Figure A



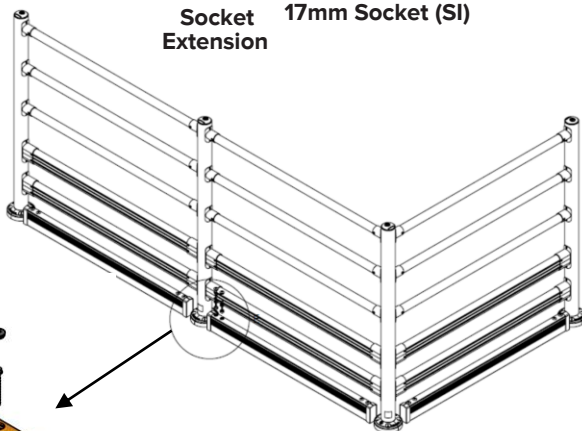
Impact  
Driver



Socket  
Extension



6-Point Socket  
3/4" Socket (US)  
17mm Socket (SI)



2" CAPS

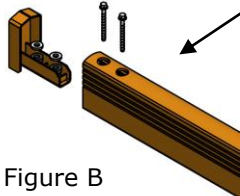


Figure B

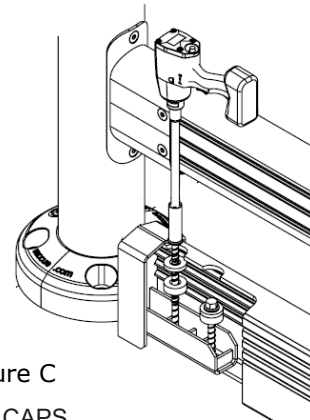


Figure C

2" CAPS

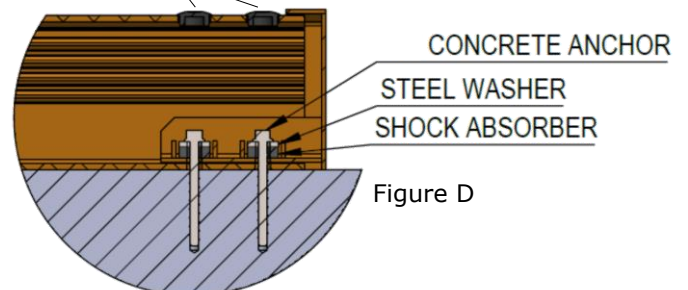
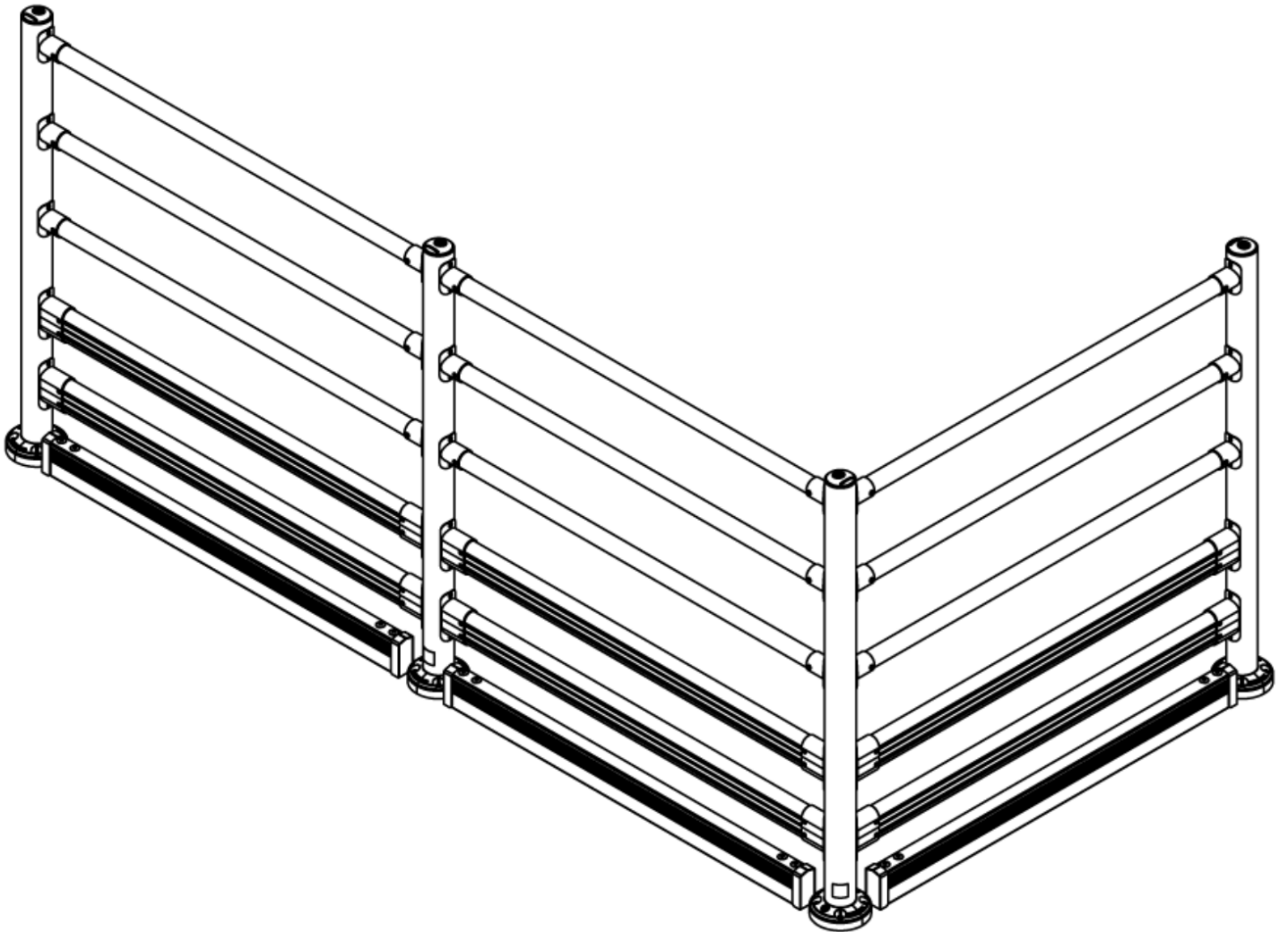


Figure D

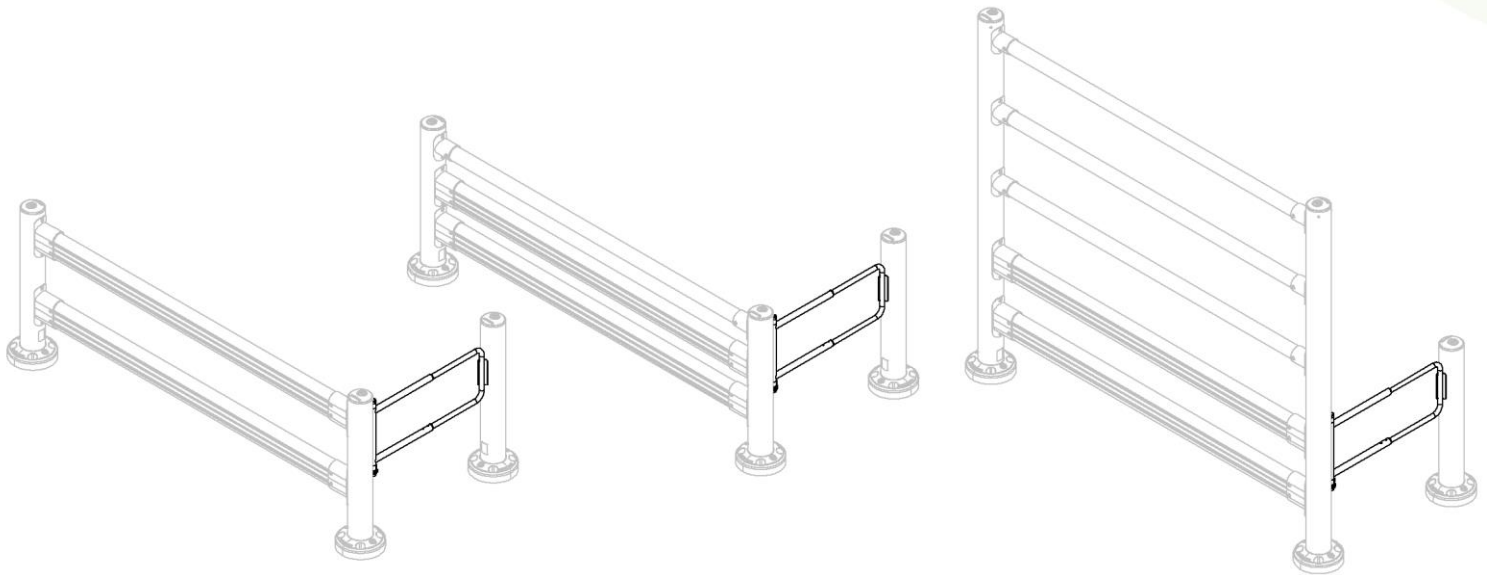


Complete

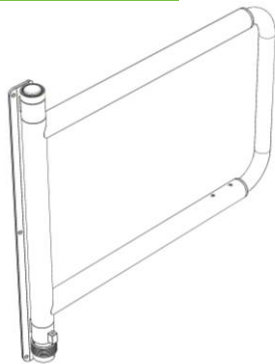


# SafeStop Pedestrian Swing Gate Add On Kit

## INSTALLATION INSTRUCTIONS



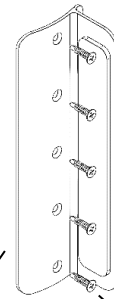
### Components



GATE









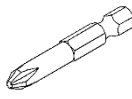
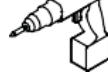

#12 X 1" HEX HEAD  
SELF DRILLING SCREWS



STOPPER

#8 X 3/4" PHILLIPS HEAD  
SELF DRILLING SCREWS

### Required Tools

-   
 #14(0.1820")  
Drill Bit
-   
 #29(0.1360")  
Drill Bit
-   
 5/32"  
Allen Key
-   
 Pencil
-   
 Razor  
Knife
-   
 Tape  
Measure
-   
 Phillips  
Bit No.2
-   
 Drill or  
Impact
-   
 Nut Driver  
With 5/16" Bit



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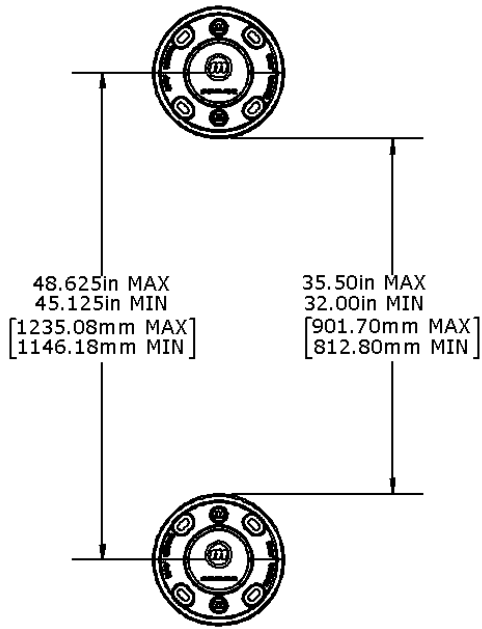
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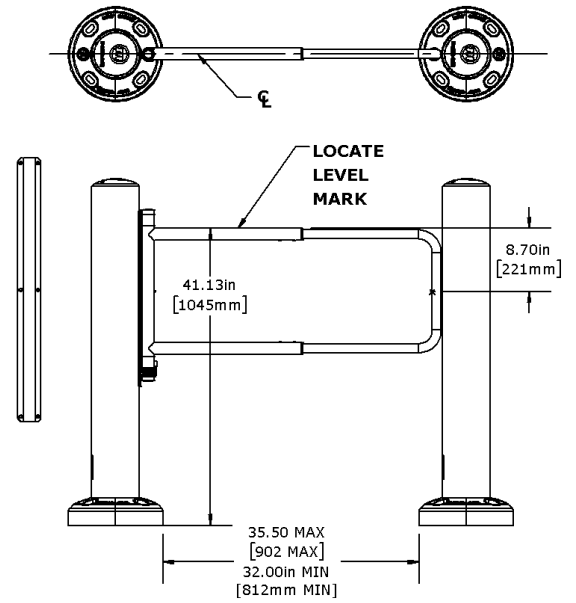


### Step 1



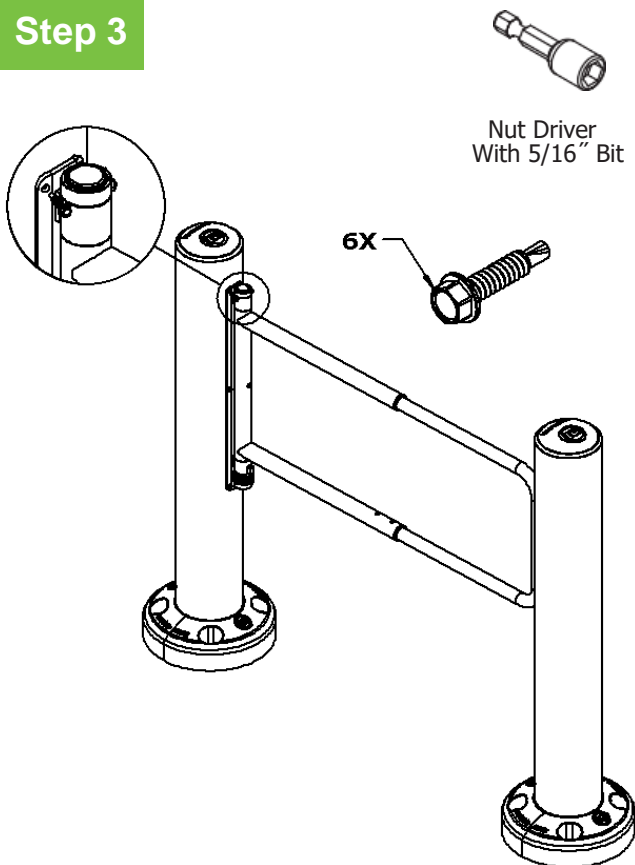
Install SafeStop Products with acceptable spacing as shown above. Refer to product specific installation instructions for Installation procedures.

### Step 2



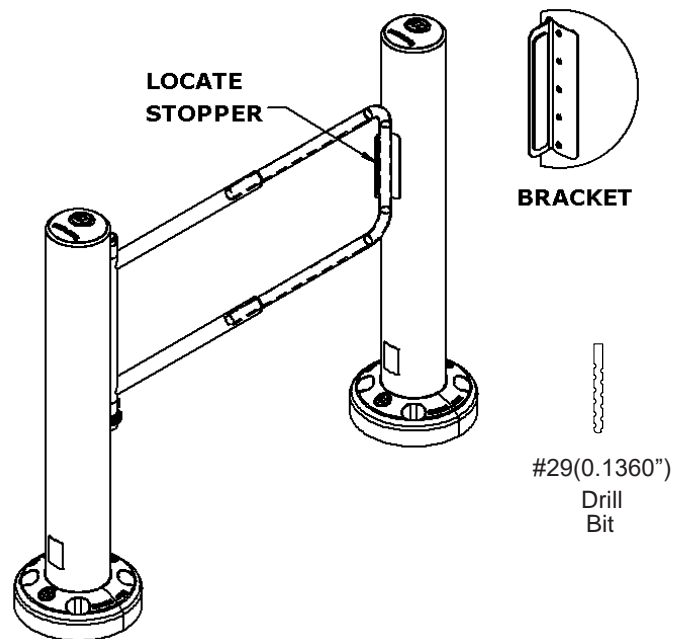
Locate gate on center and mark all the mounting hole locations.

### Step 3



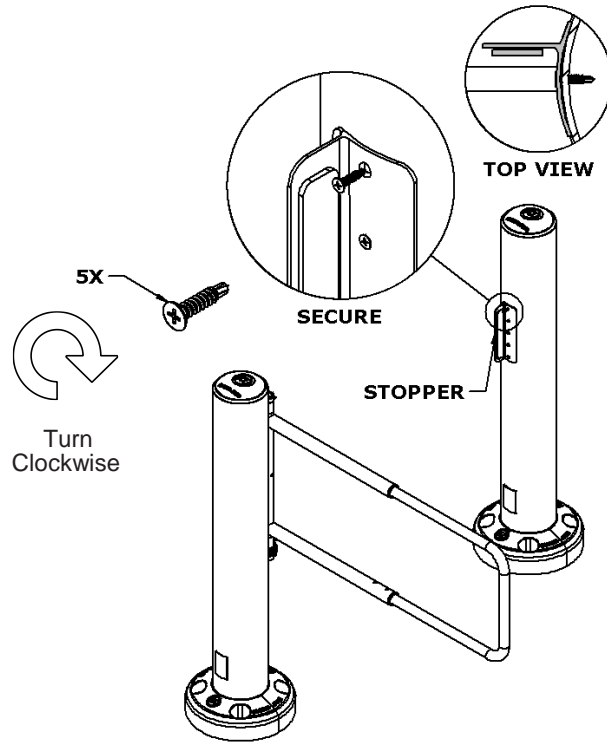
Secure using 5/16" Nut driver bit until flush. Do not over torque.

### Step 4



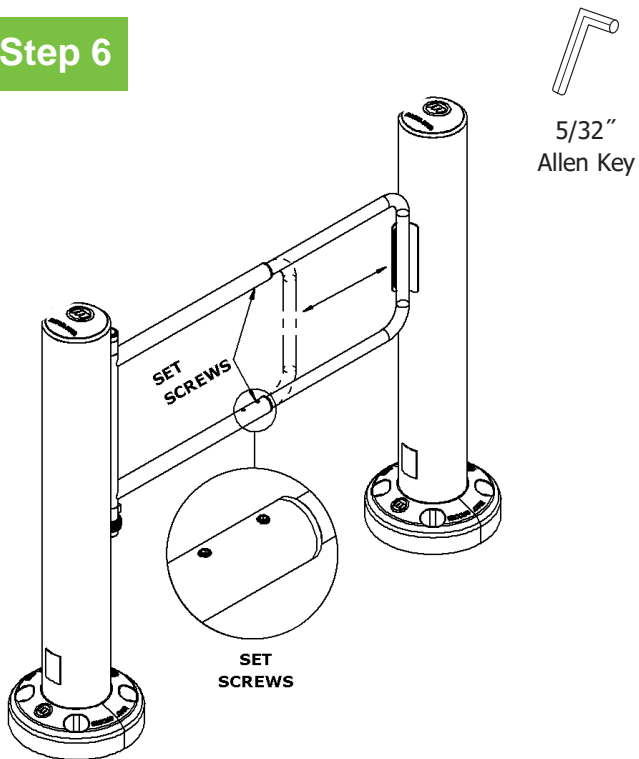
Mark hole locations and drill pilot holes using #29 drill bit.

## Step 5

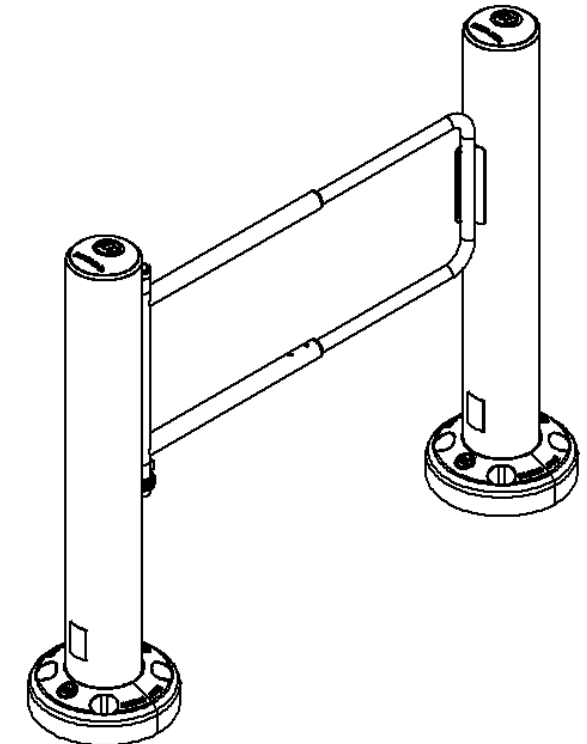


Secure using a drill with a Phillips bit until all screws are flush. Do not over torque.

## Step 6

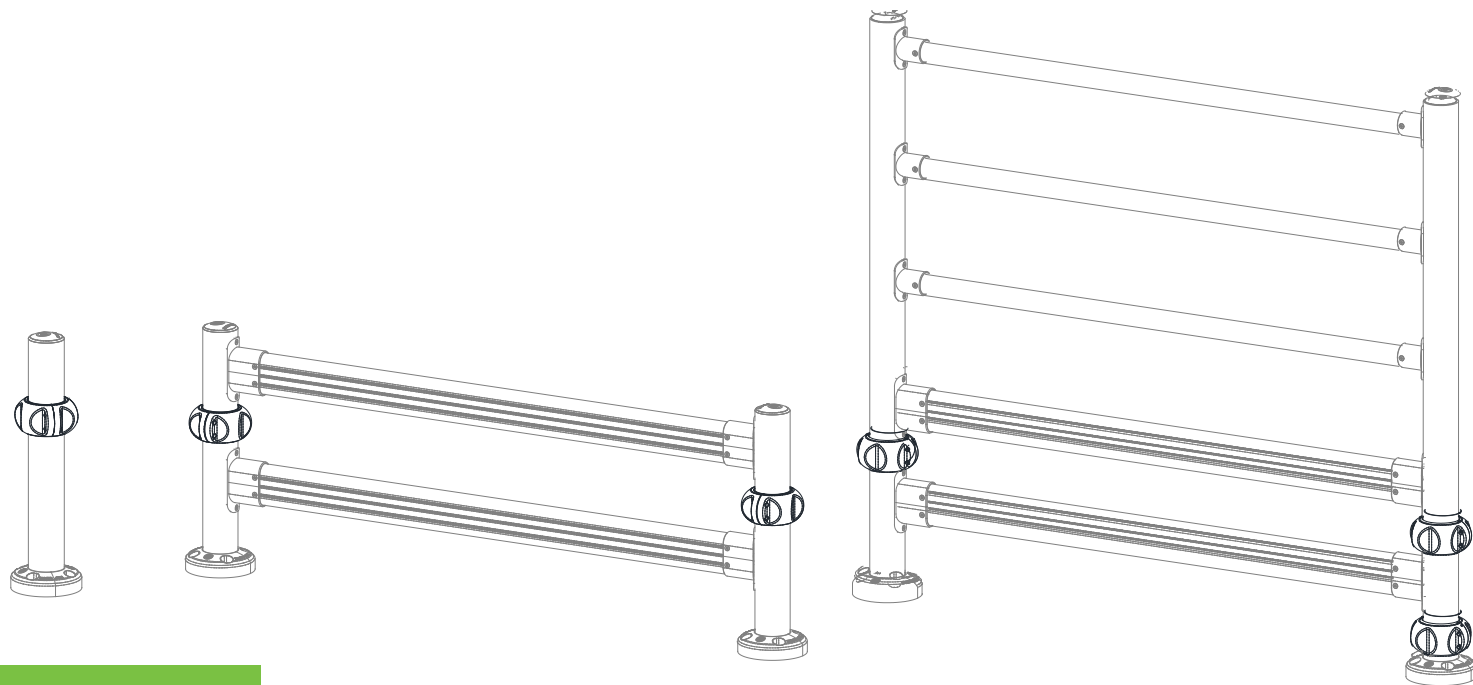


Telescoping arm can be adjusted by loosening set screws. Secure arm by tightening all set screws.

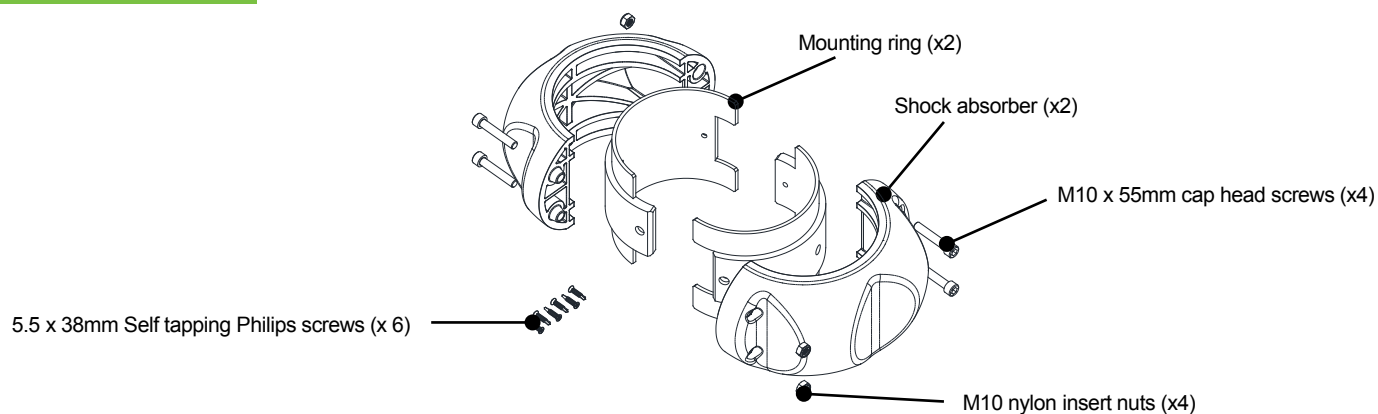


# SafeStop Spinner Add On

## INSTALLATION INSTRUCTIONS



### Components



Kit: SSA-K-SPN

### Required Tools



Pencil/  
marker



Tape  
Measure



Drill



4mm [5/32"]  
HSS Drill Bit



Phillip's  
Screwdriver/drill bit



8mm  
Allen Key



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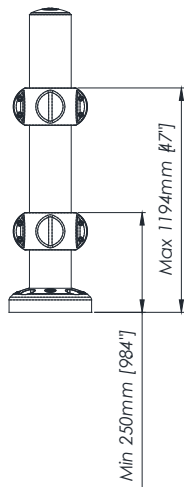
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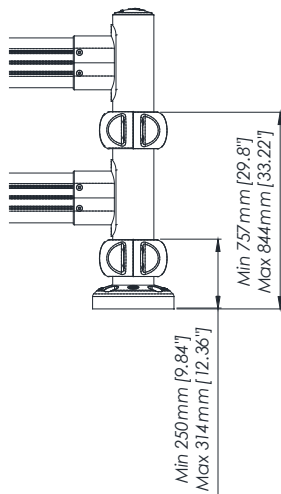
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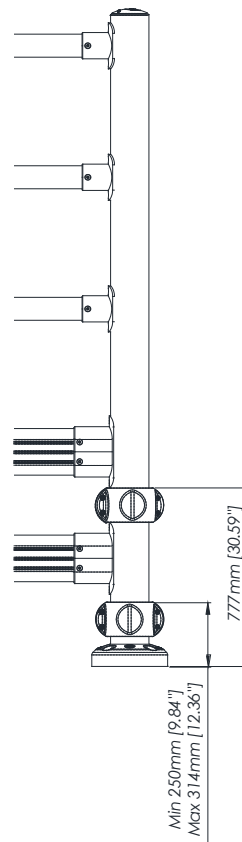
## Recommended Install Heights



**SafeStop Bollard**

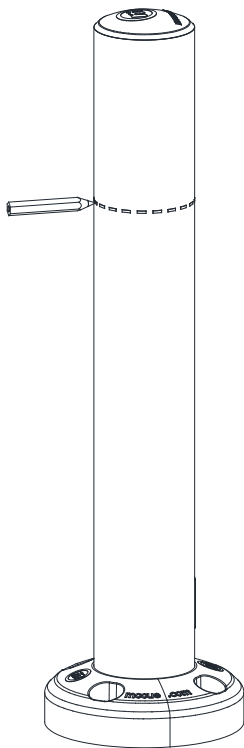


**SafeStop GuardRail**



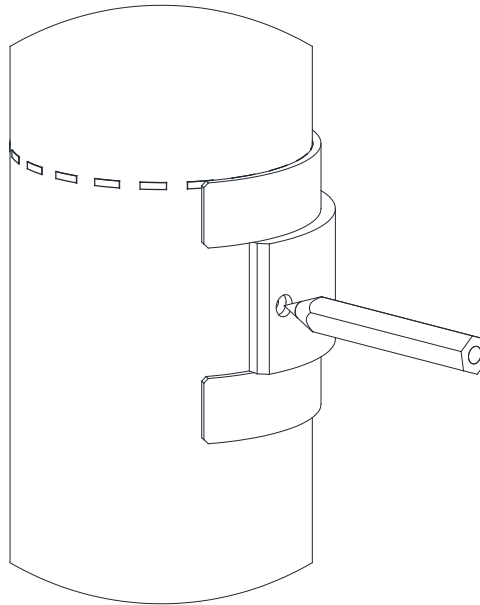
**SafeStop Topple Barrier**

## Step 1



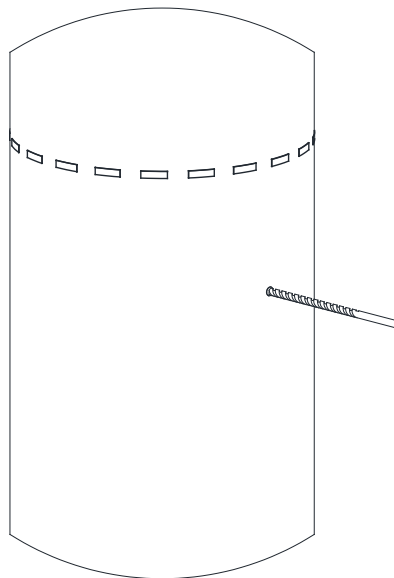
**Measure and mark out the top height required for the Spinner**

### Step 3



**Position the 1<sup>st</sup> half of the mounting ring ensuring it is straight marking the 3-hole locations**

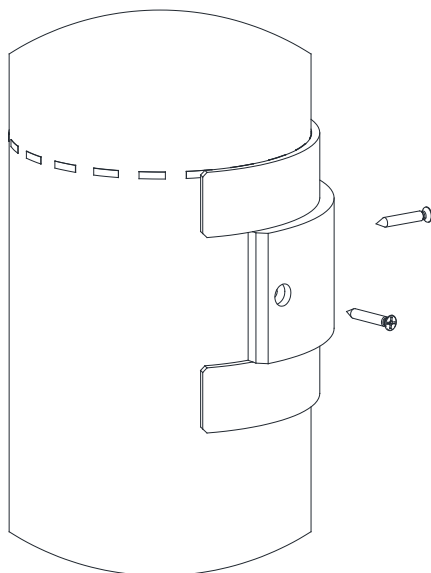
### Step 4



**Using a drill and 4mm [5/32"] HSS drill bit pilot hole the 3 marked hole locations**



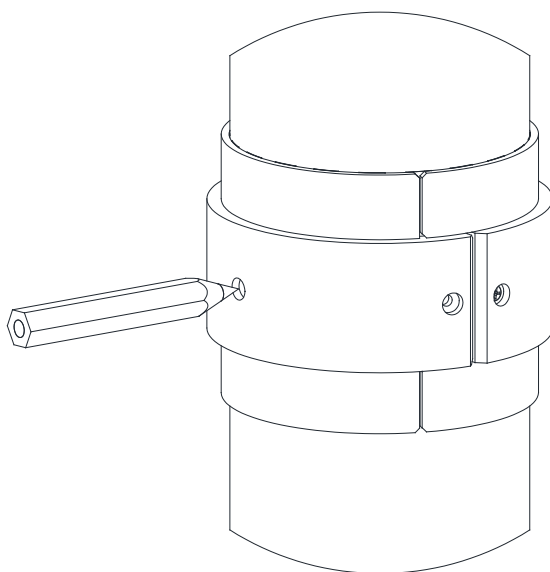
## Step 4



**Using the self tapping screws supplied reposition and secure the 1<sup>st</sup> half of the mounting ring**

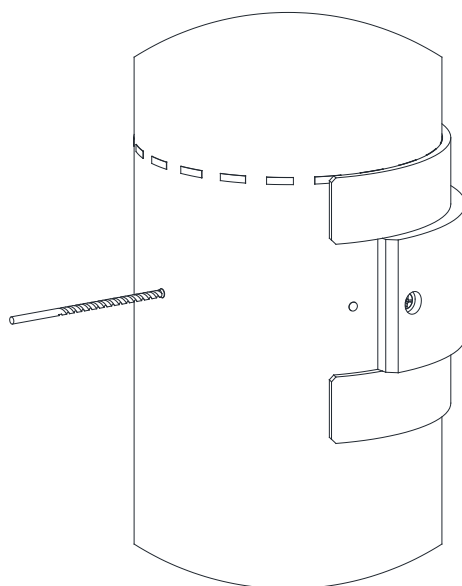
---

## Step 3



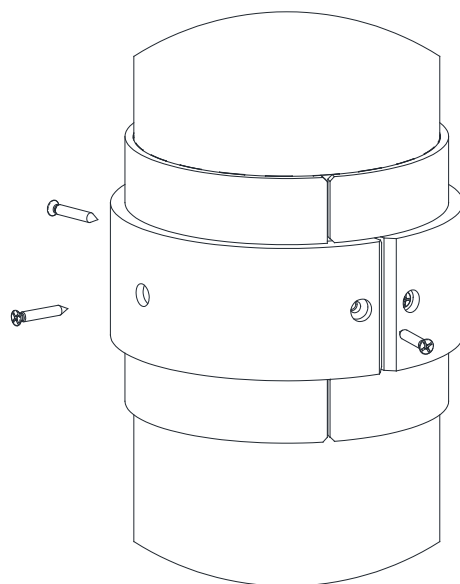
**Position the 2<sup>nd</sup> half of the mounting ring and mark the 3-hole locations**

## Step 4



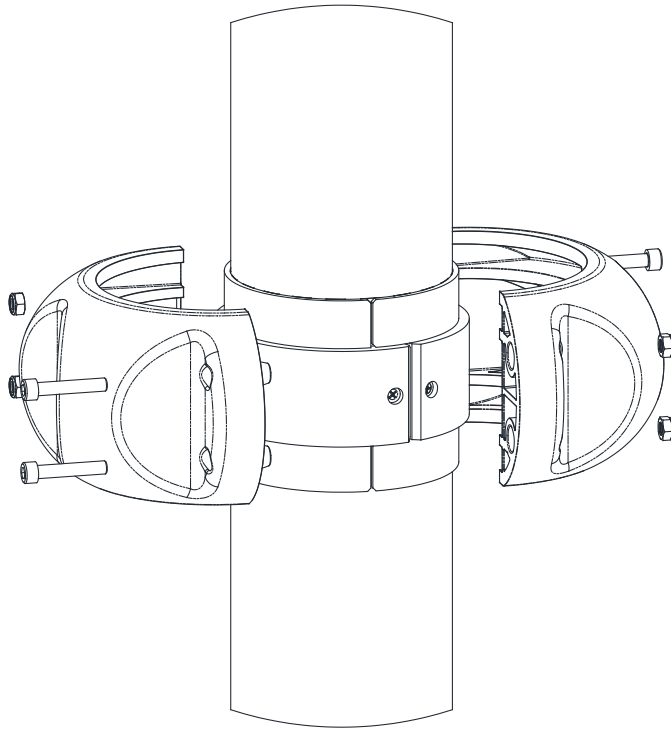
Using a drill and 4mm [5/32"] HSS drill bit pilot hole the 3 marked hole locations for the 1st half of the mounting ring

## Step 5



Using the self tapping screws supplied reposition and secure the 2<sup>nd</sup> half of the mounting ring

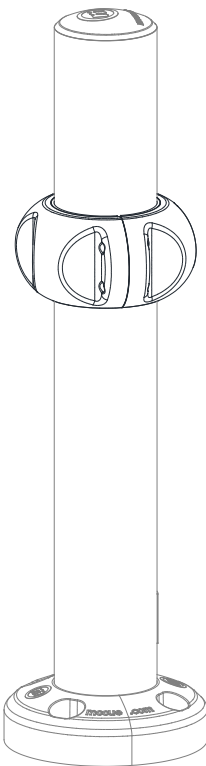
**Step 7**



**Using the M10 cap head screws and nuts supplied secure the shock absorber around the fixed mounting ring**

---

**Step 8**



**Installation Complete**