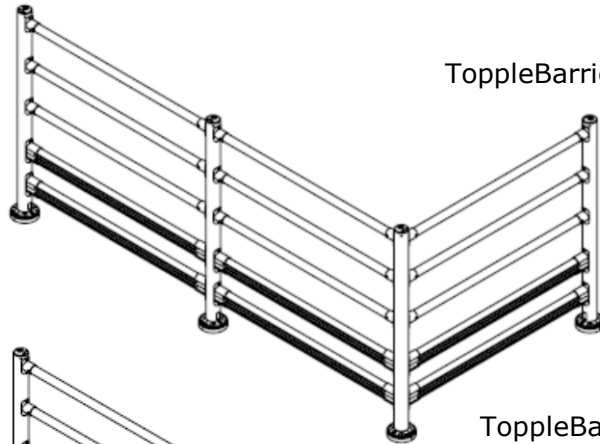
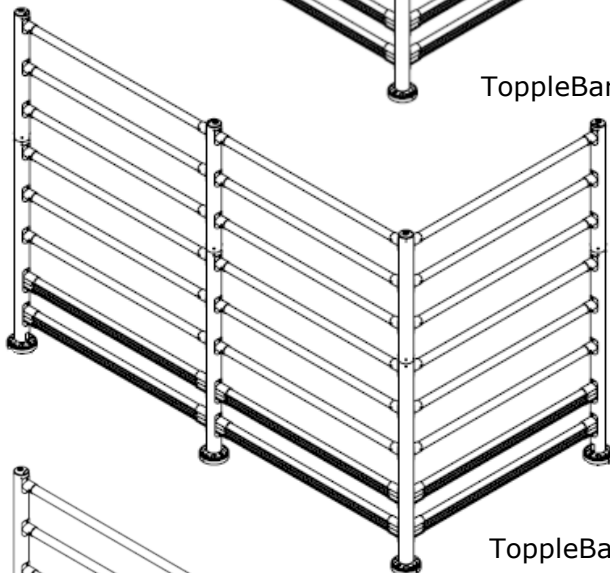


SafeStop ToppleBarrier TB 108, 176 & 244

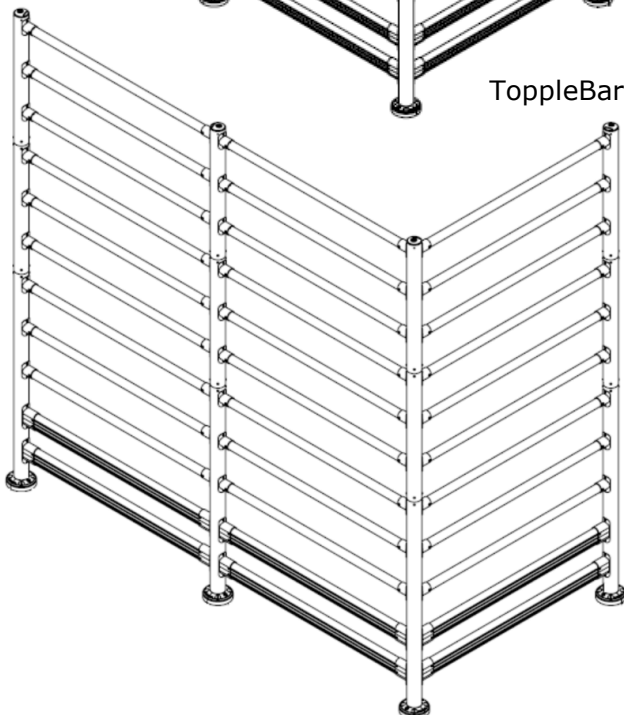
INSTALLATION INSTRUCTIONS



ToppleBarrier 108

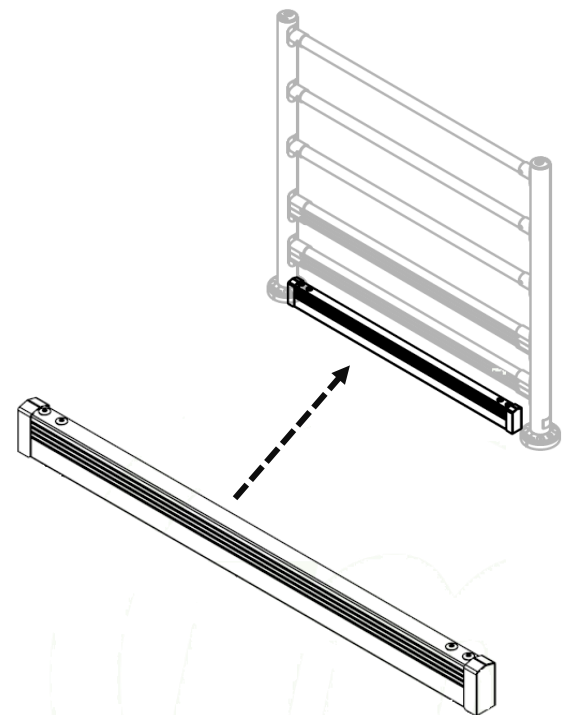


ToppleBarrier 176



ToppleBarrier 244

FloorGuard (optional)



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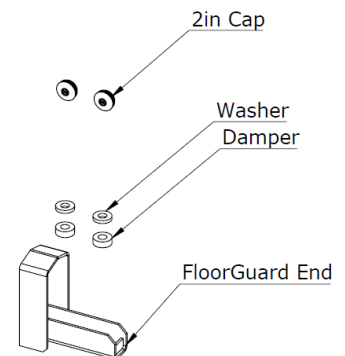
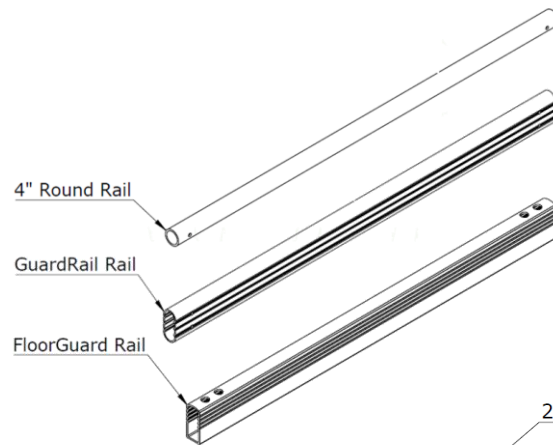
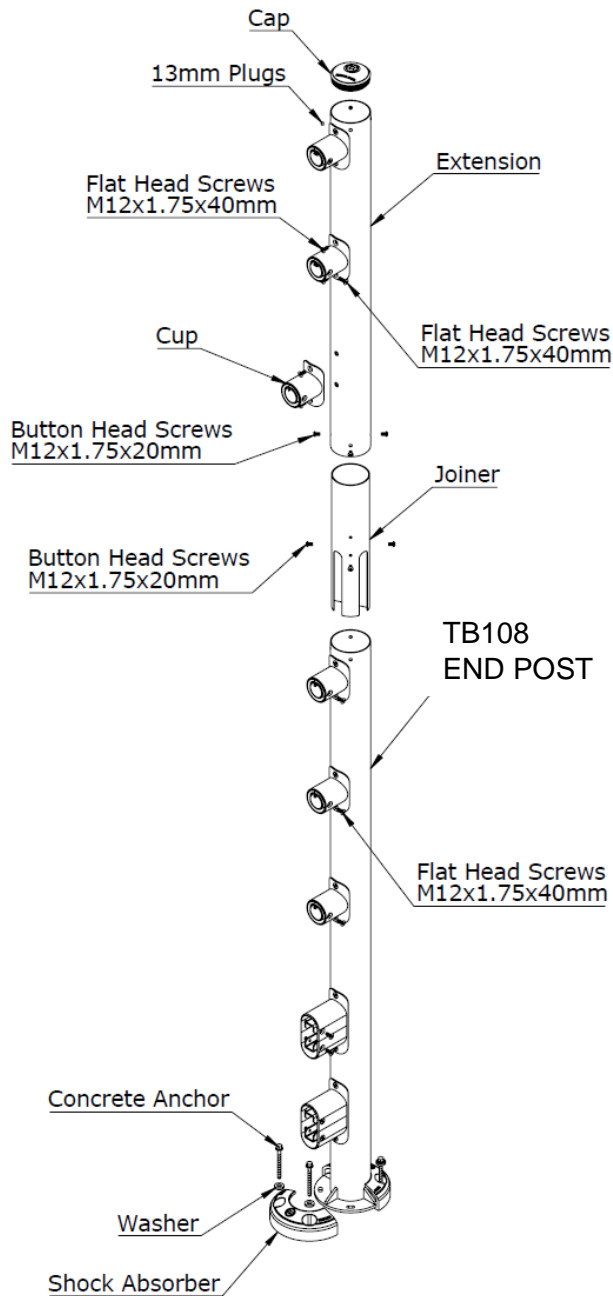
SafeStop ToppleBarrier TB 108, 176 & 244

INSTALLATION INSTRUCTIONS



Components

Components will vary by configuration.



TB108
MID POST



TB108
CNR POST



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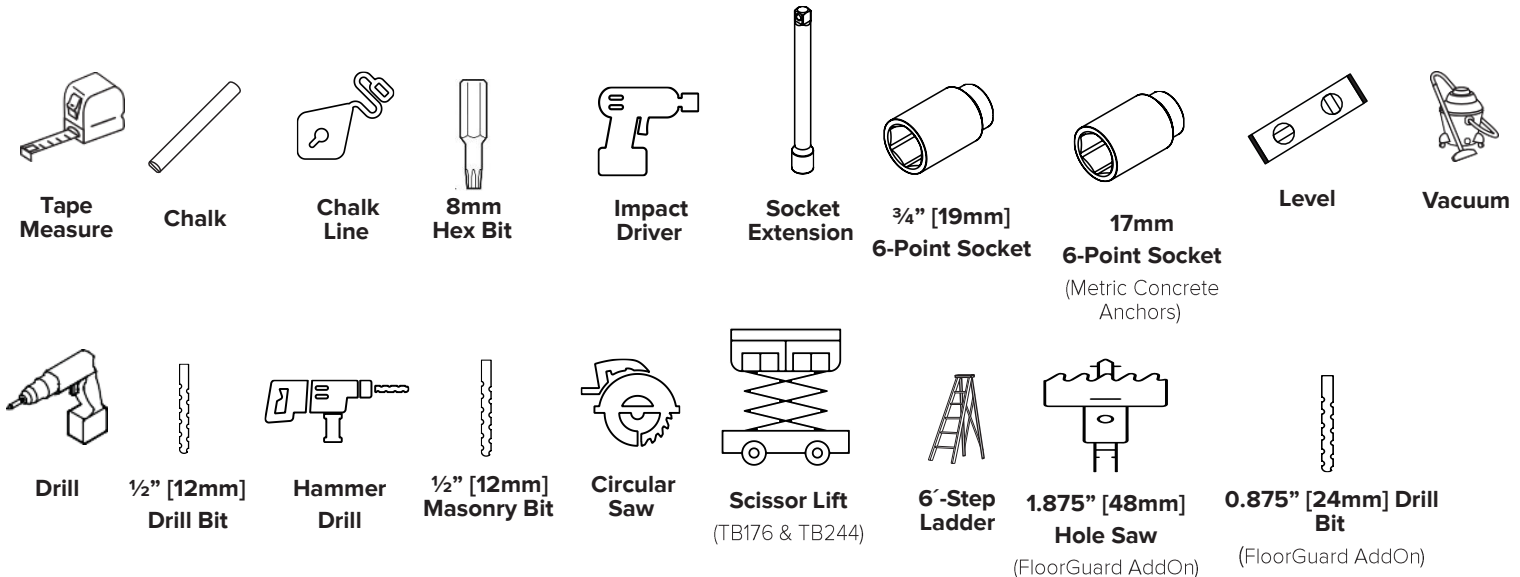
SafeStop ToppleBarrier

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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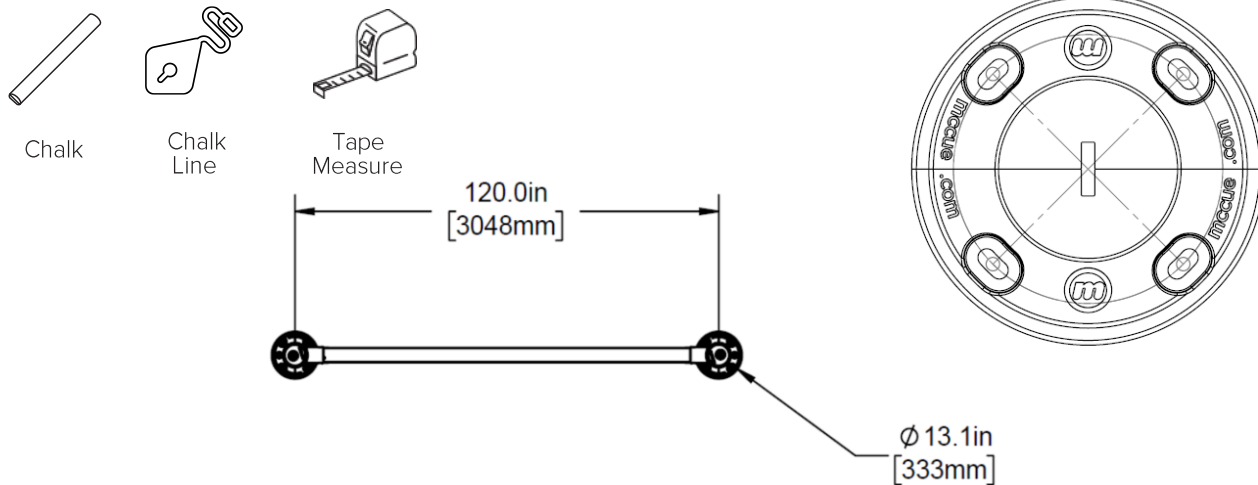
mccue.com



Step 1

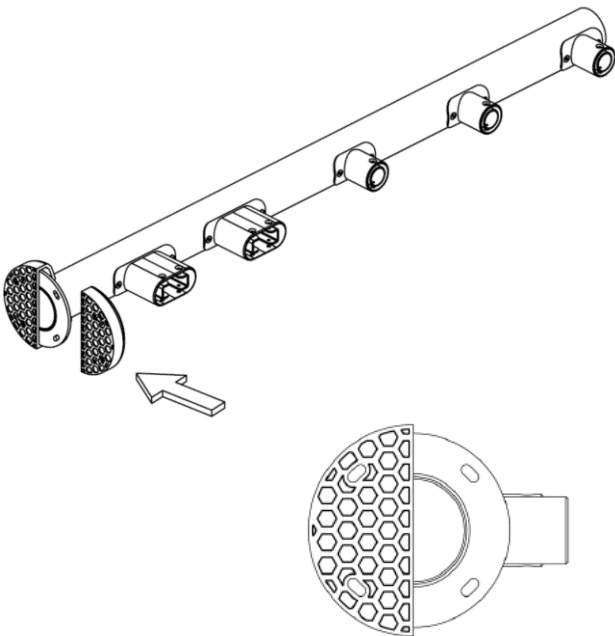
Snap chalk line where Topple Barrier will be installed and use the Shock Absorber to mark holes for your first post.

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



Step 2

Install Shock Absorbers over baseplates.



Step 3

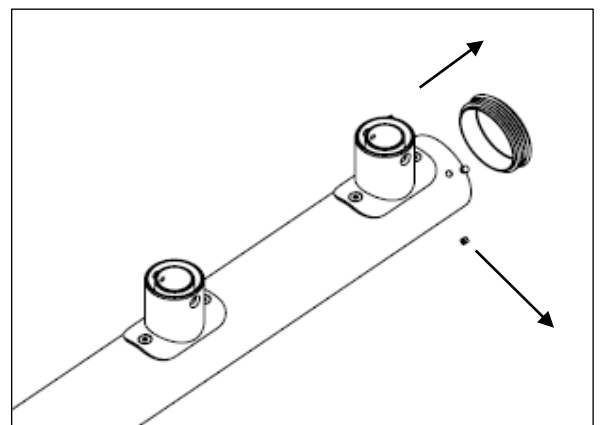
Topple Barrier 176

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.

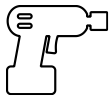


Step 4

Topple Barrier 176

Topple Barrier 244

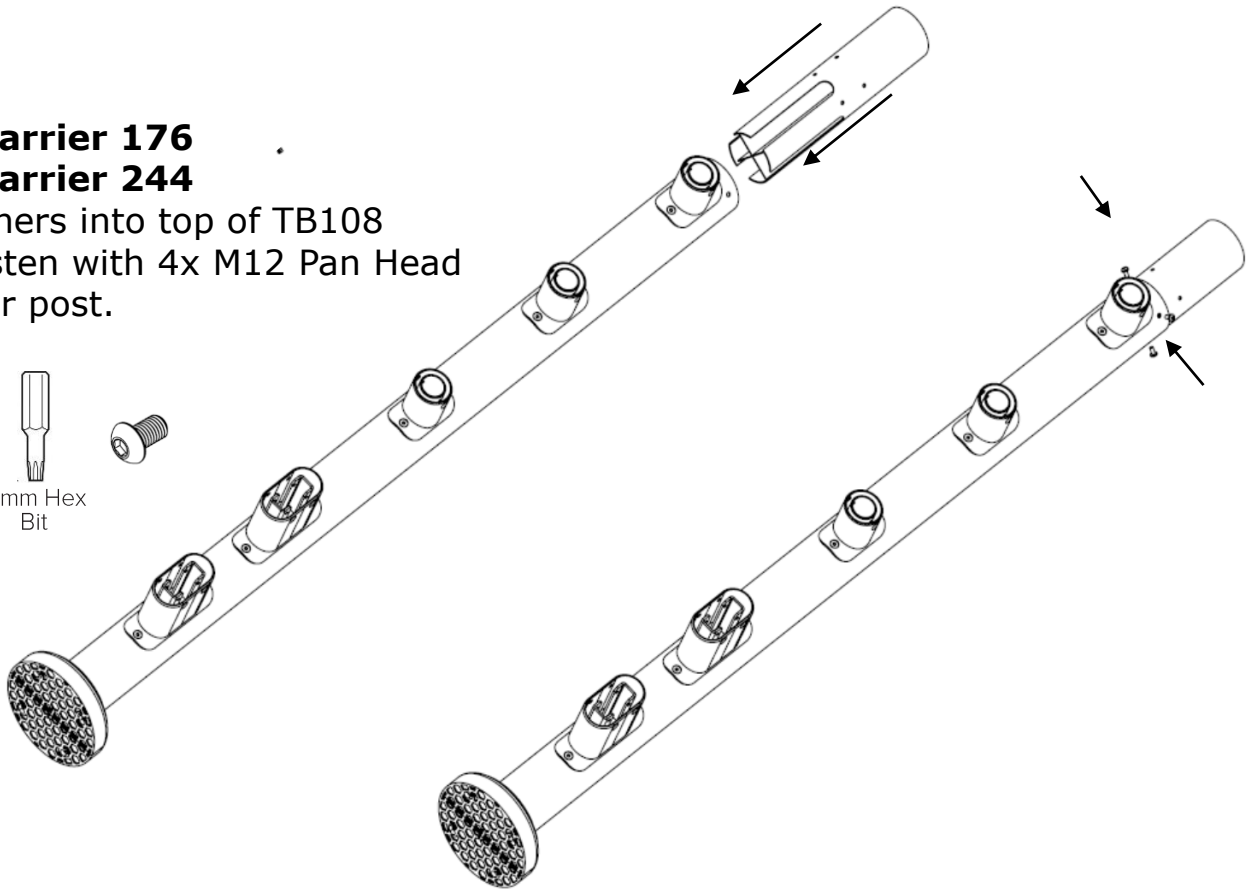
Install joiners into top of TB108 posts. Fasten with 4x M12 Pan Head screws per post.



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.

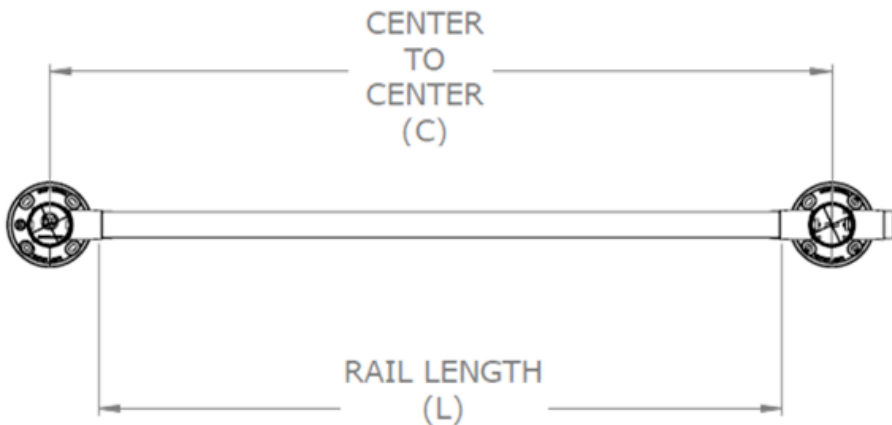
$$\begin{aligned} \text{Rail Length } L(\text{in}) &= C(\text{in}) - 7.50\text{in} \\ L(\text{mm}) &= C(\text{mm}) - 190\text{mm} \end{aligned}$$



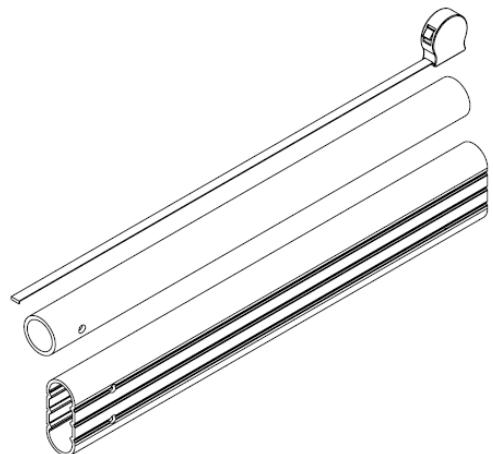
Tape Measure



Circular Saw

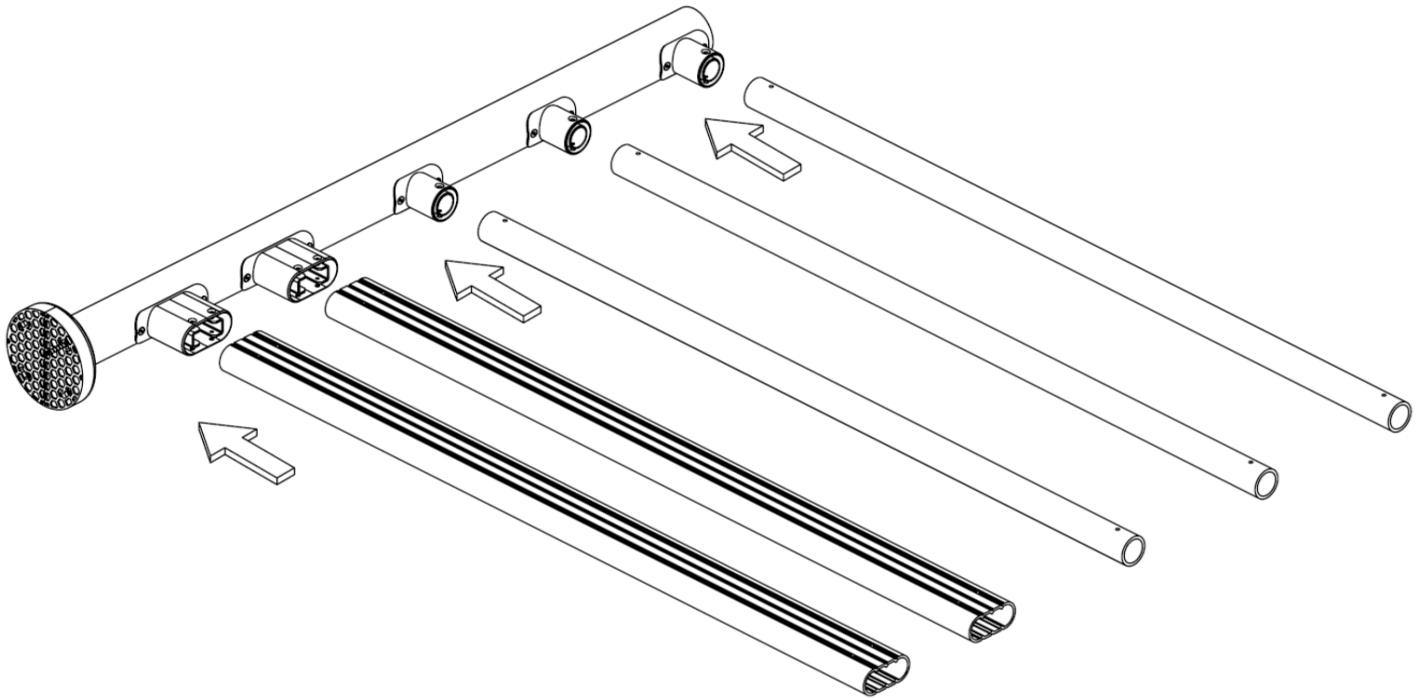


Top View



Step 6

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

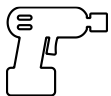


Step 7

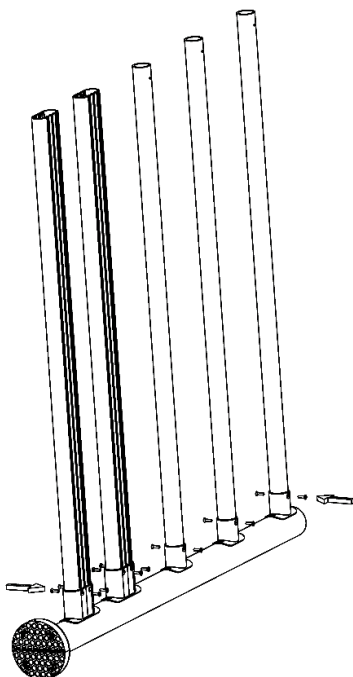
Fasten M12 Flat Head screws through post cups to secure rails



8mm Hex Bit

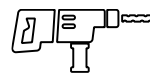


Impact Driver



Step 8

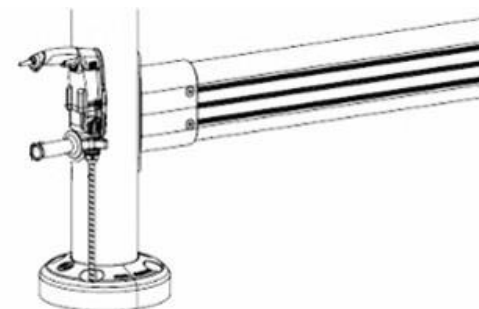
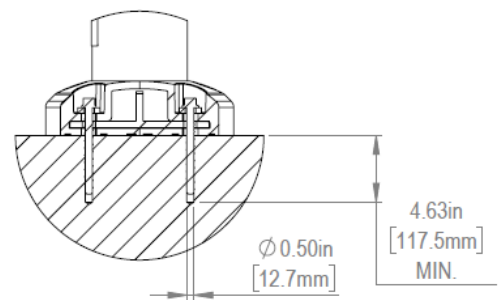
Drill holes for first post using hammer drill with ½" [12mm] drill bit, 4-5/8" [117.5mm] minimum hole depth.



Hammer Drill
with ½" [12mm]
Bit

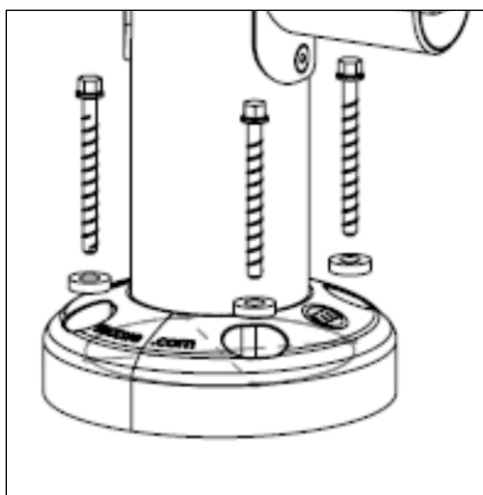
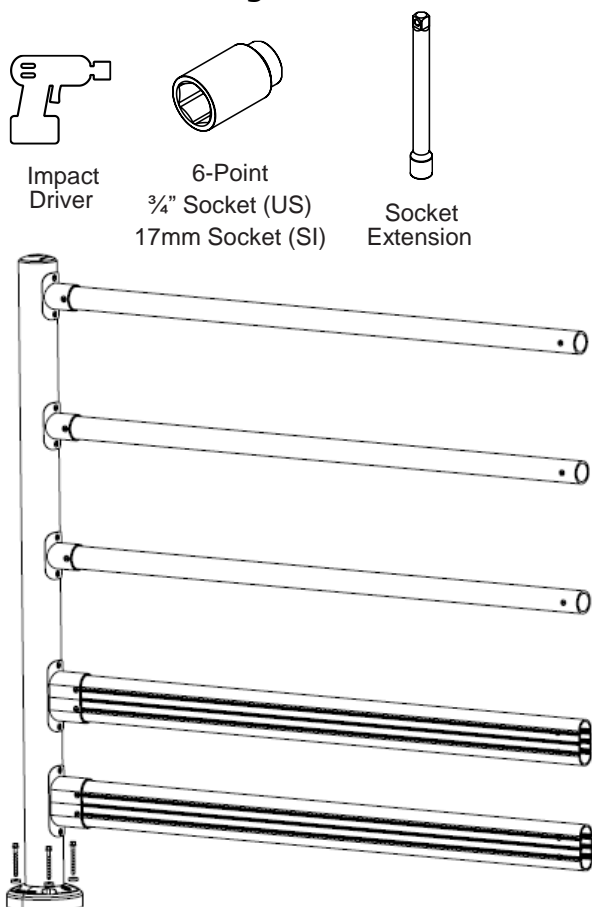


Vacuum



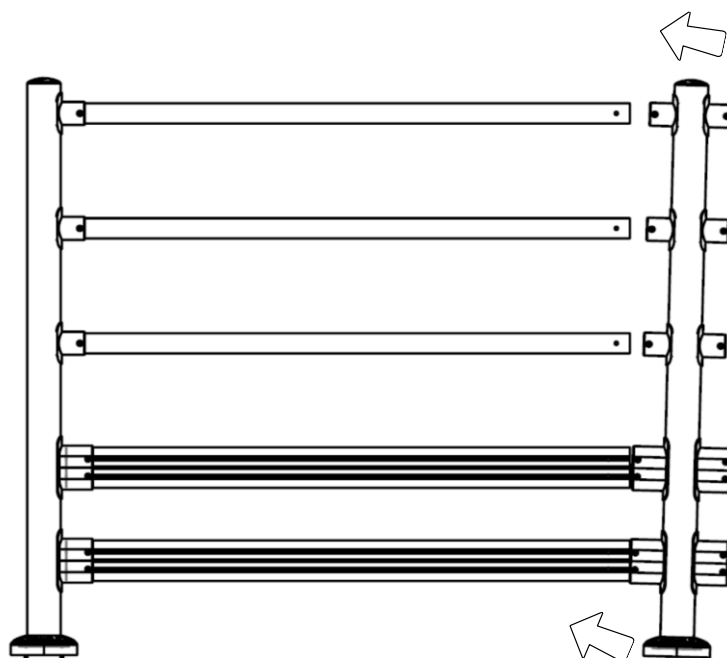
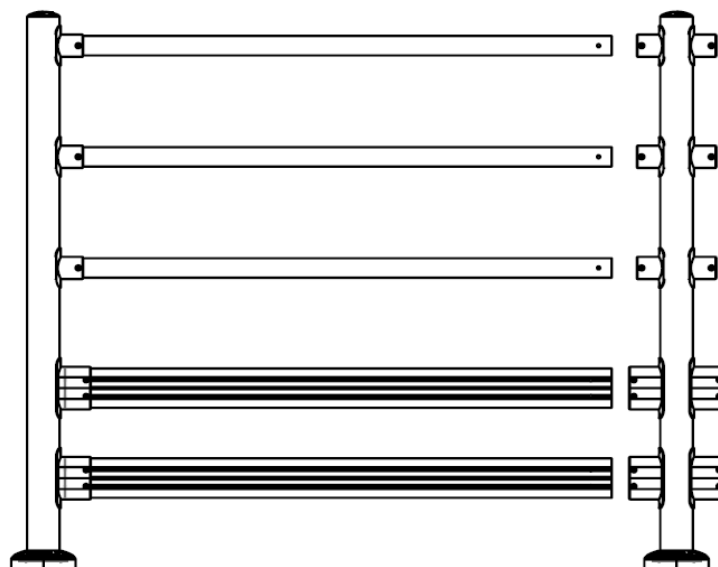
Step 9

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



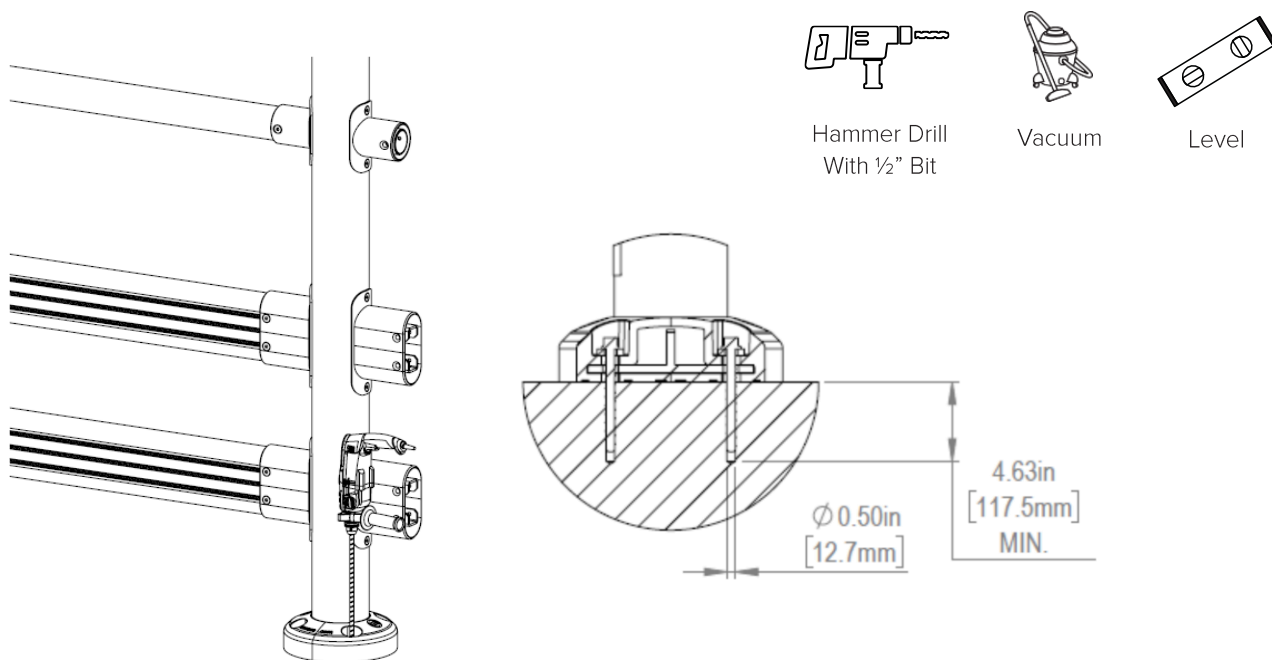
Step 10

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



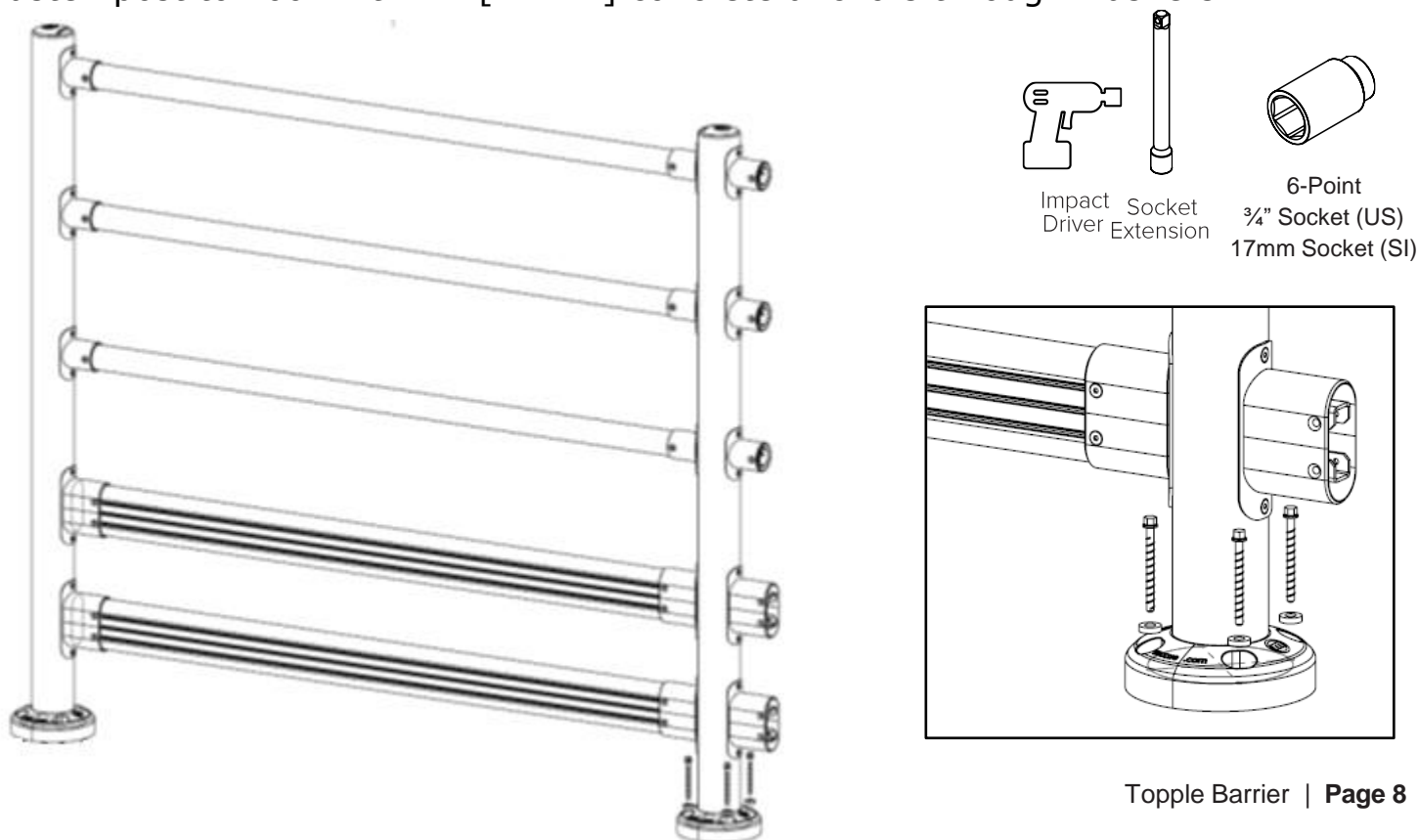
Step 11

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.



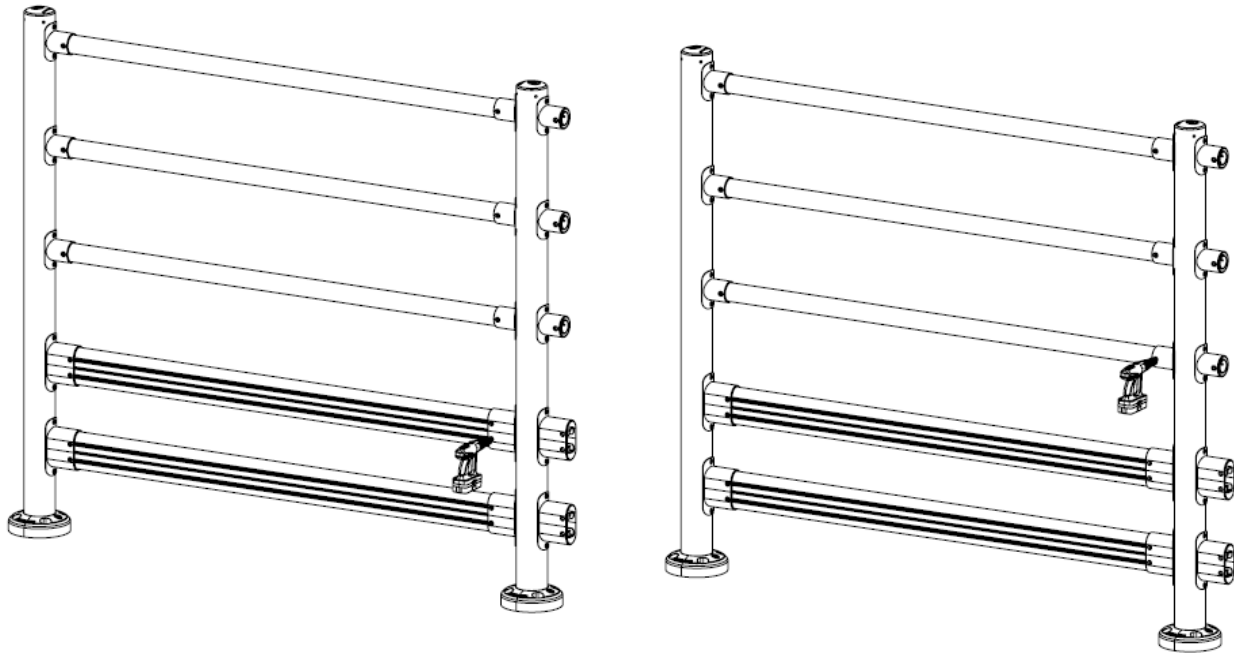
Step 13

For Custom Lengths

Drill through cups with ½" [12mm] drill bit prior to fastening.
For standard length sections, skip this step.



Drill with ½"
Drill Bit

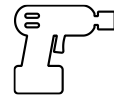


Step 14

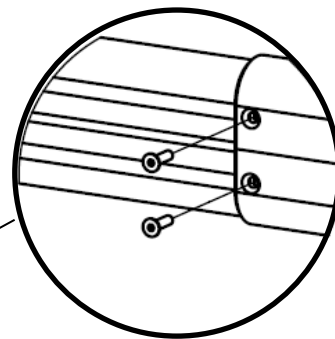
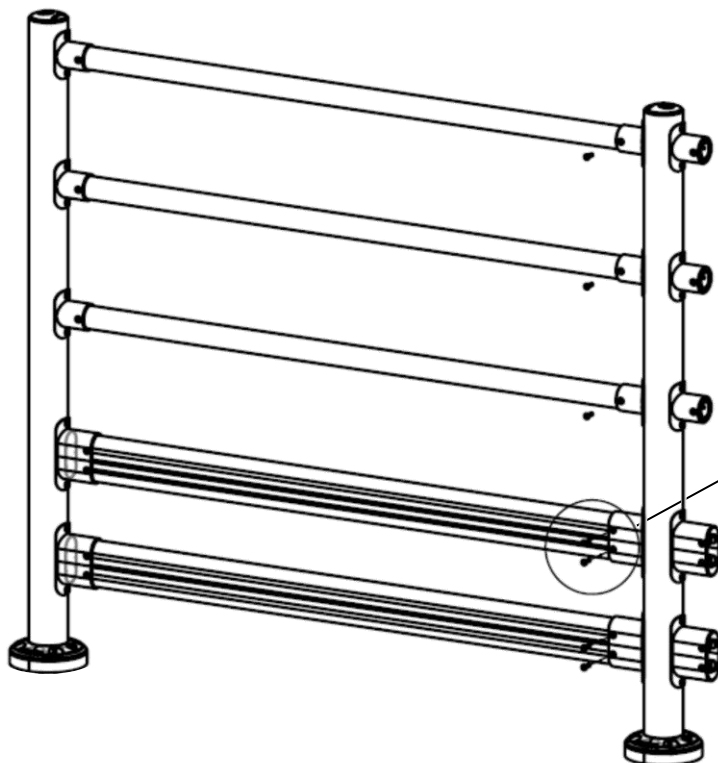
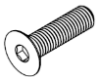
Fasten Flat Head screws through post cups to secure rails.



8mm Hex
Bit



Impact
Driver



Step 15

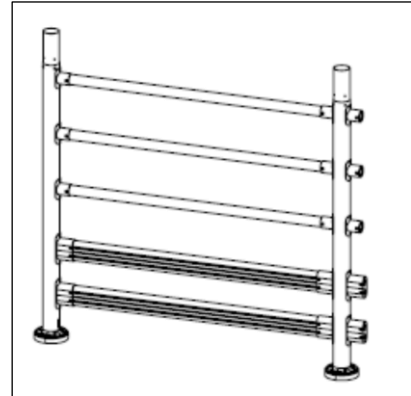
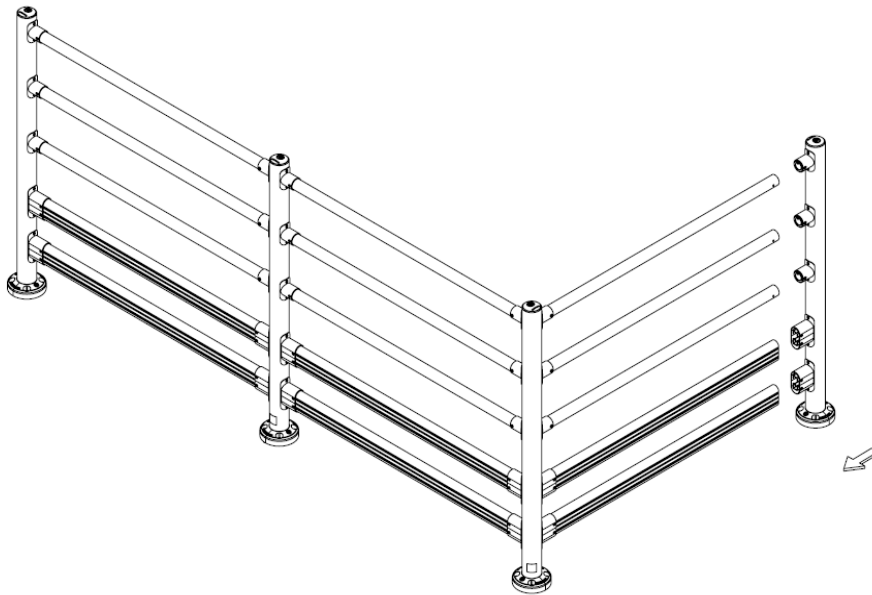
Topple Barrier 108

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

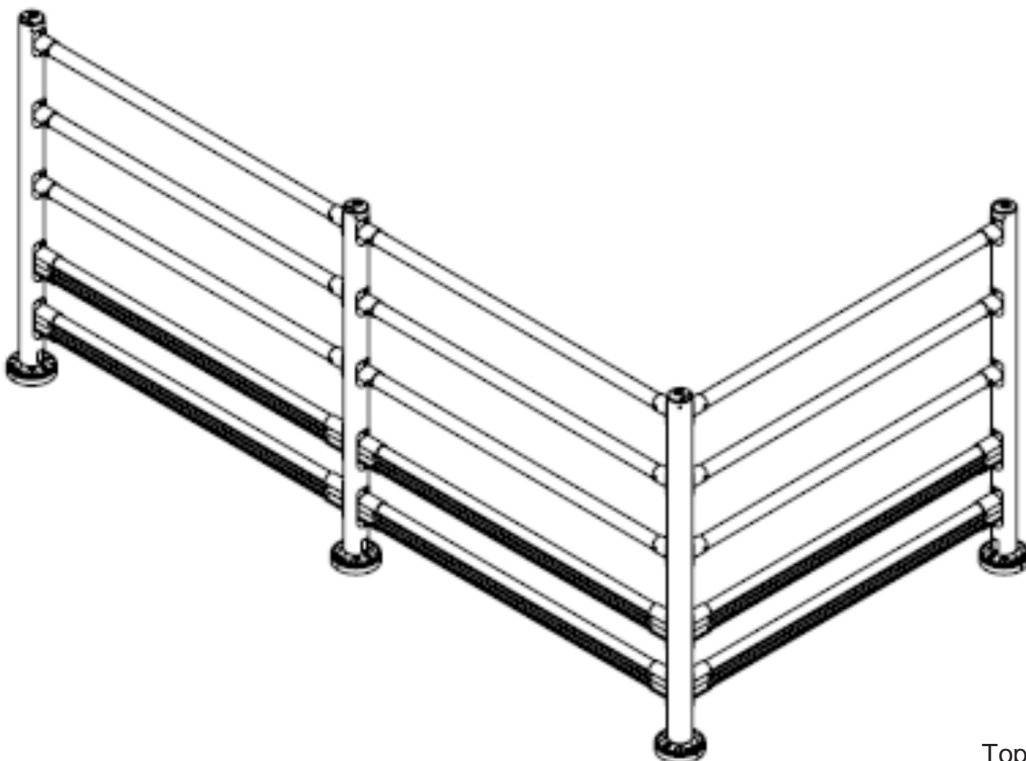
Topple Barrier 176

Topple Barrier 244

Continue to step 16



Topple Barrier 108 Complete

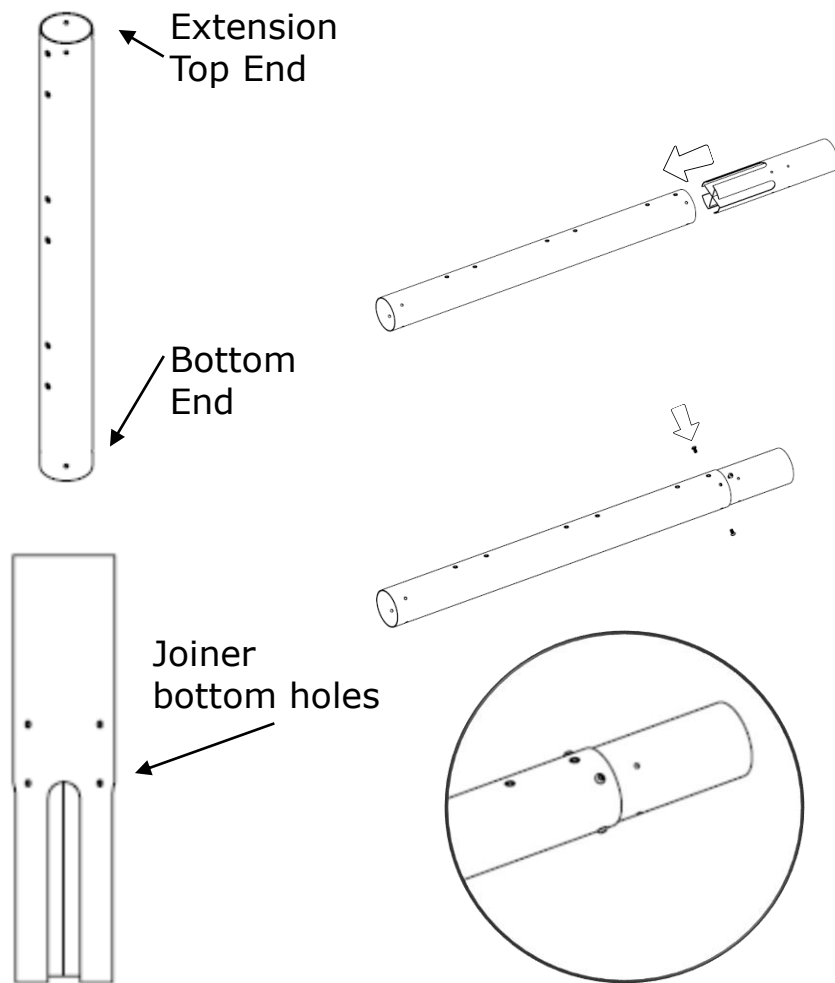
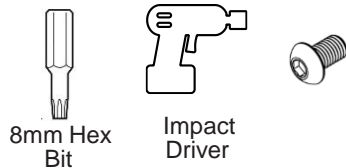


Step 16

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.

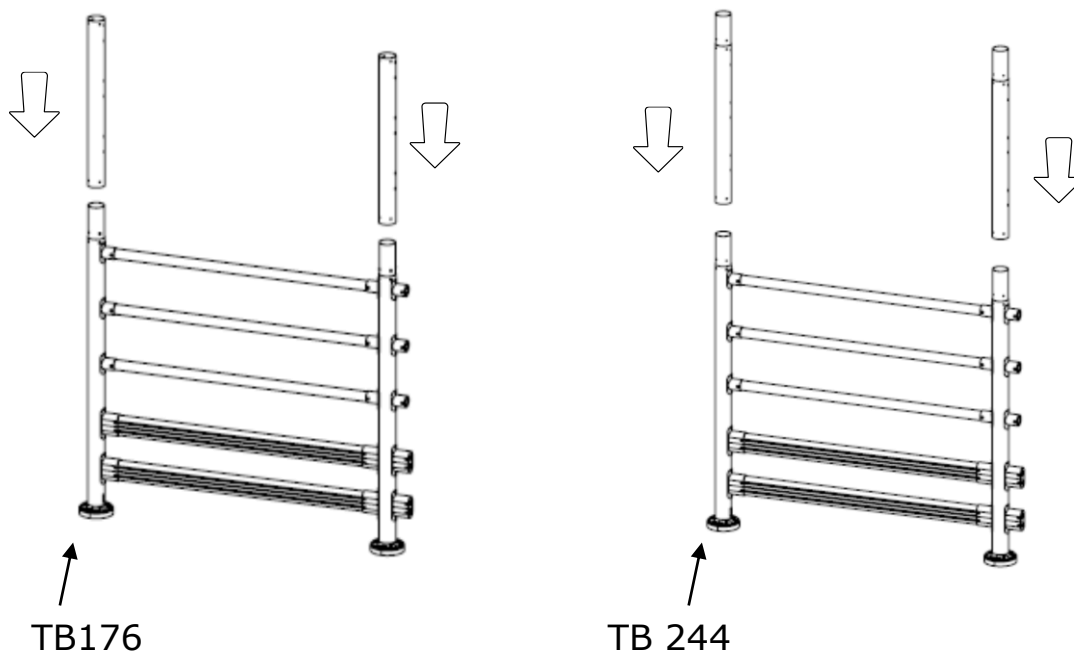


Step 17

ToppleBarrier176

ToppleBarrier244

Place extensions on installed TB108 posts.

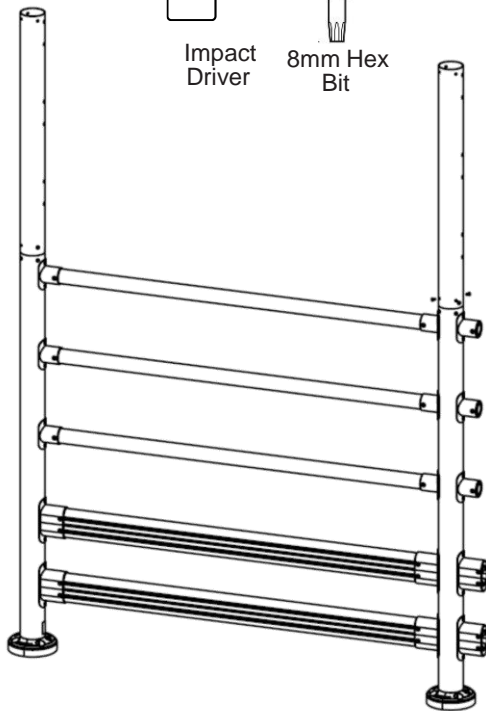
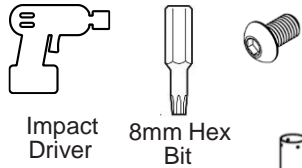


Step 18

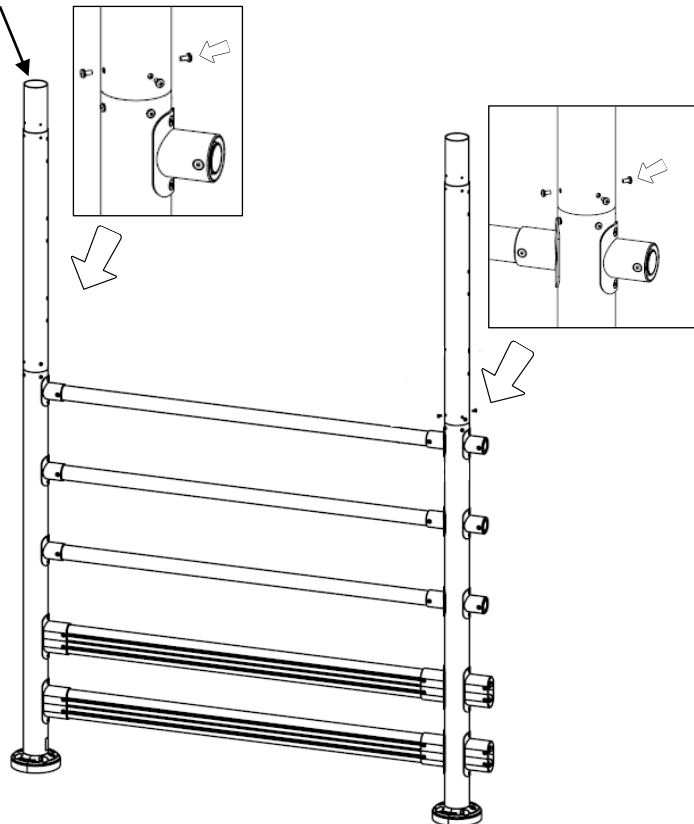
Topple Barrier 176

Topple Barrier 244

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



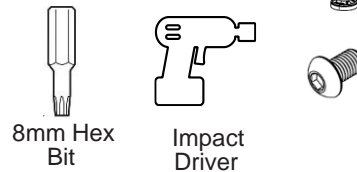
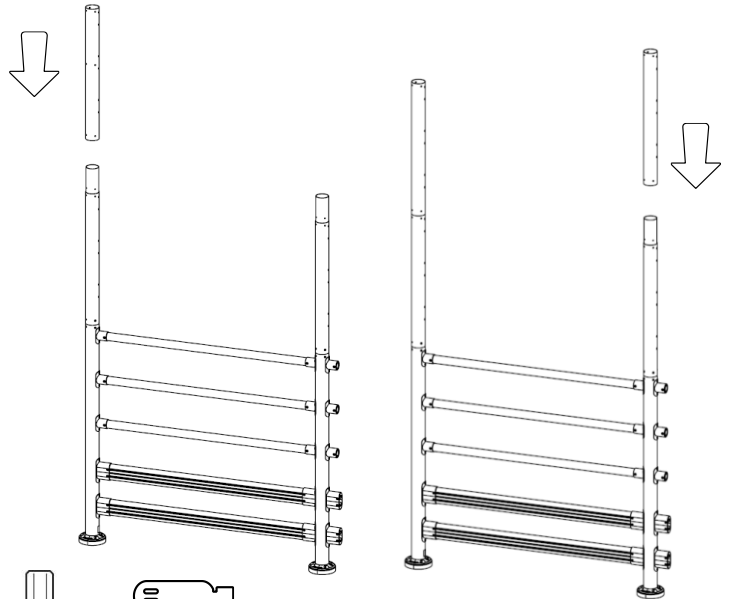
TB176
TB 244



Step 19

ToppleBarrier244

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

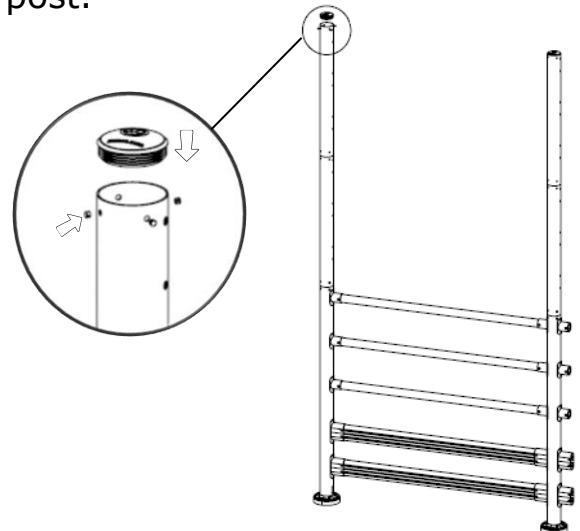


Step 20

ToppleBarrier176

ToppleBarrier244

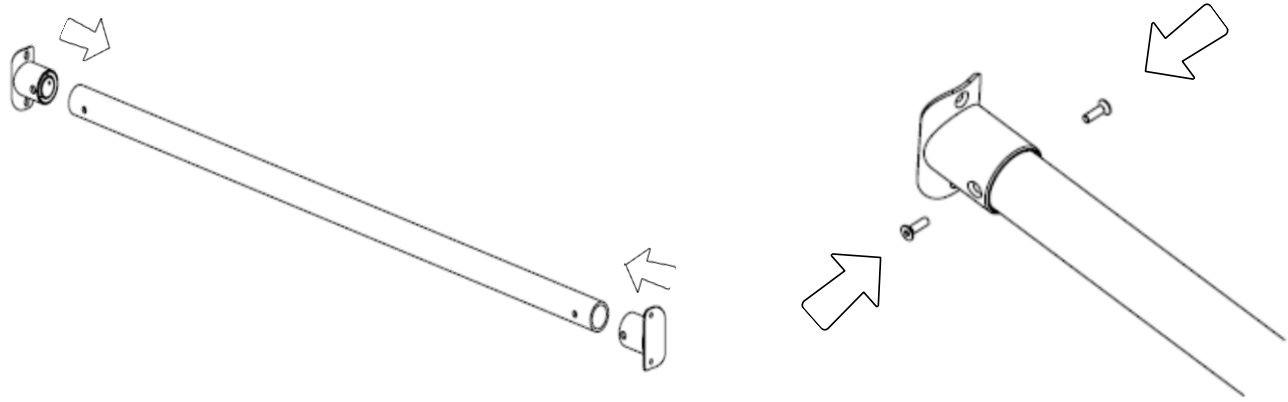
Complete building Topple Barrier Uprights by fastening cap and 4 plugs per post.



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.

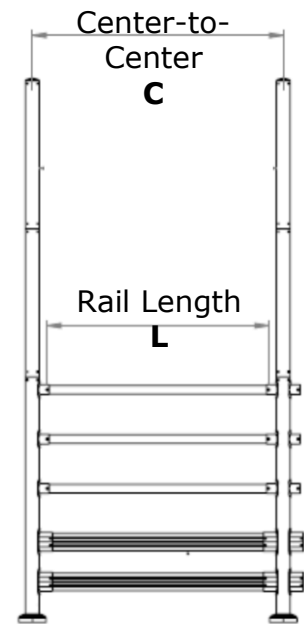
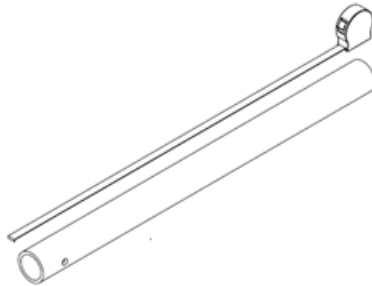
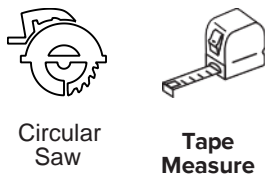


Step 22

Custom Length Rails ToppleBarrier176 ToppleBarrier244 *2 Installers Required

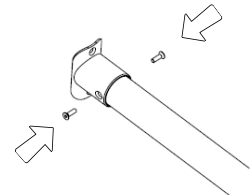
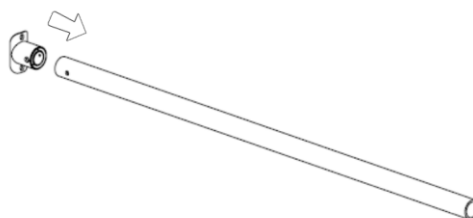
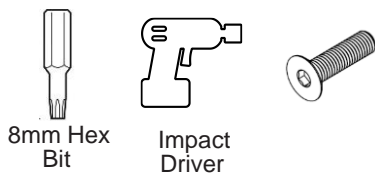
A

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



B

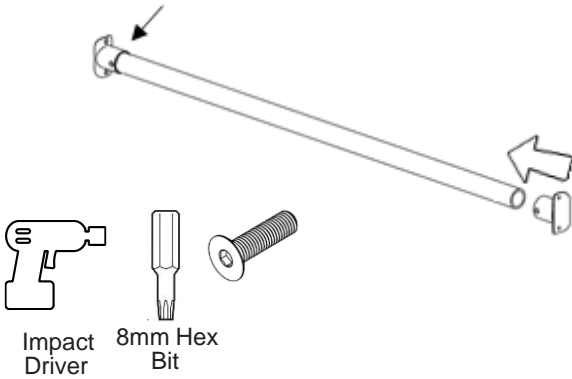
Insert pre-drilled end of rail into cup and fasten with QTY 2 Flat head screws. Repeat for all rails in section.



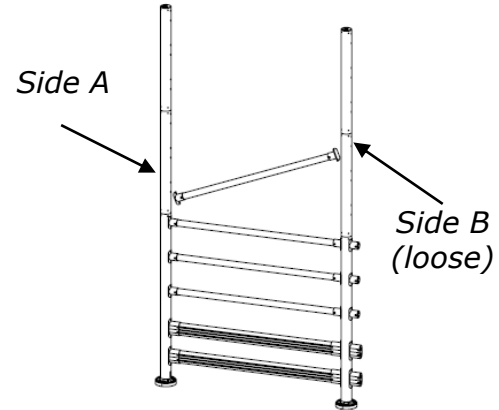
Step 22 (continued)

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

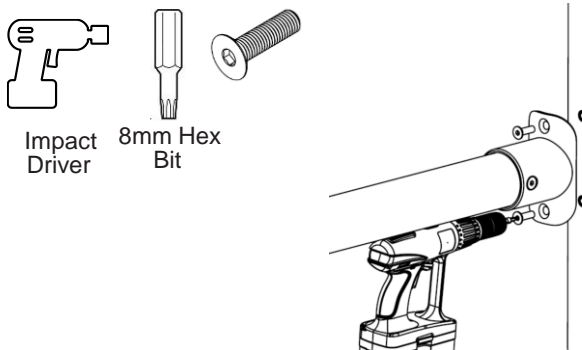
Side A (Fastened cup side)



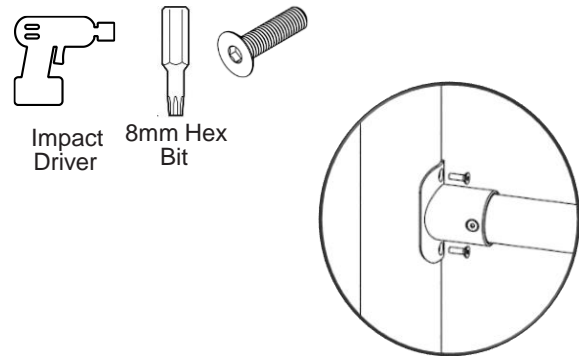
- D** Lift rail into position keeping side B angled above side A.



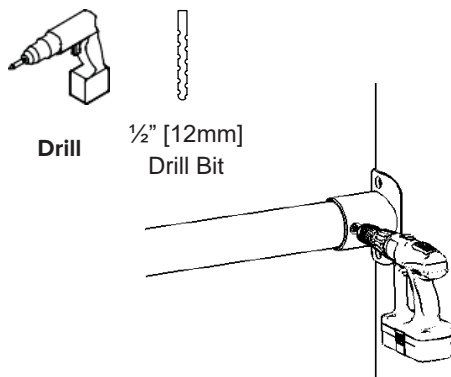
- E** Align cup holes with threaded holes in post and fasten side B to the lowest open extension holes with 2 x Flat Head Screws



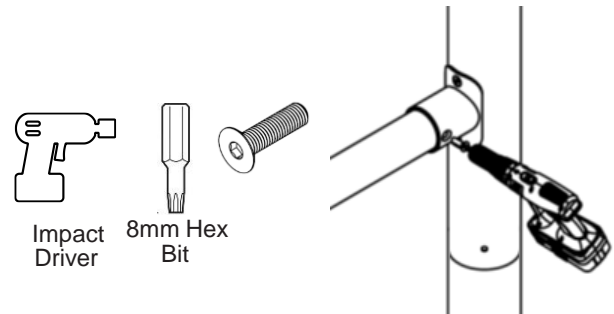
- F** Attach Side A to the opposite post threaded holes using 2 x Flat Head Screws



- 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.

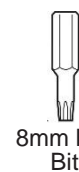
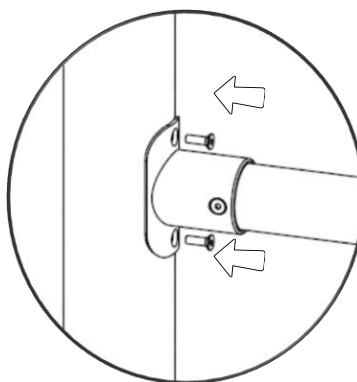
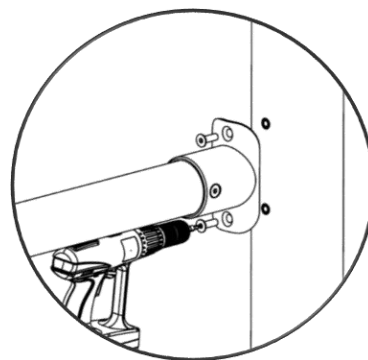
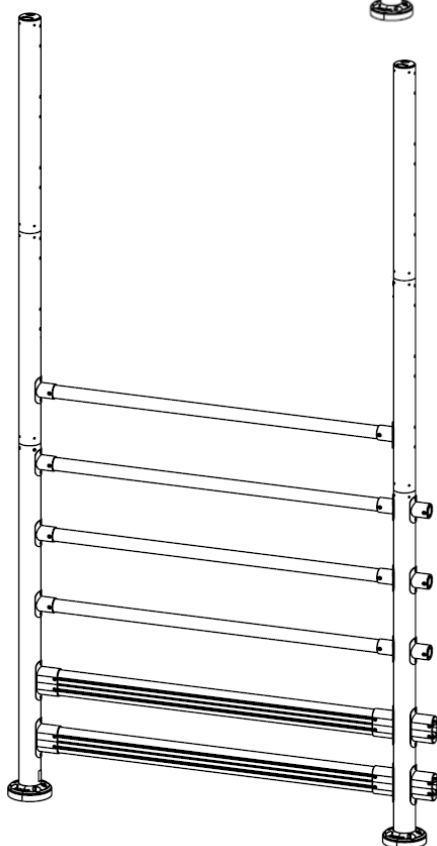
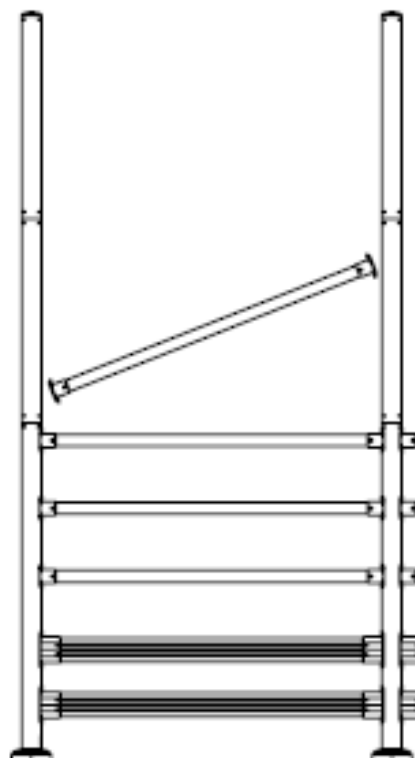
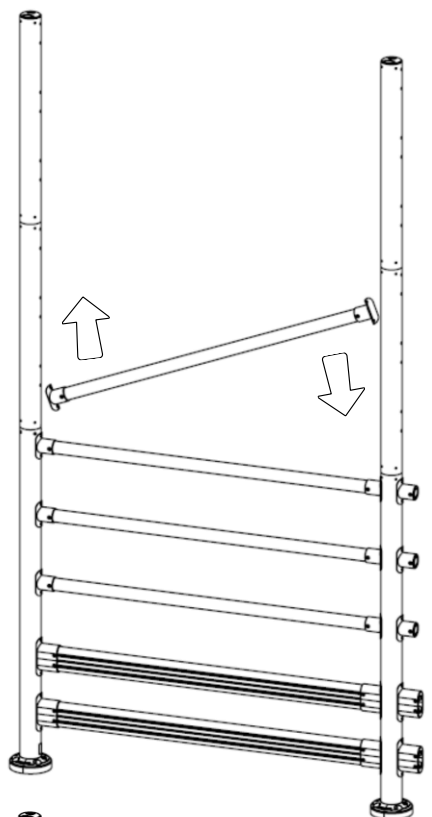
Step 23

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.



8mm Hex
Bit



Impact
Driver

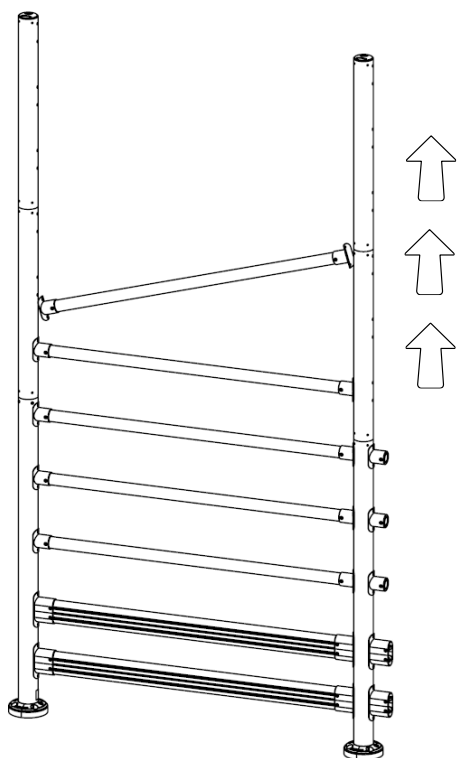


Step 24

ToppleBarrier176

ToppleBarrier244

Install next higher rail

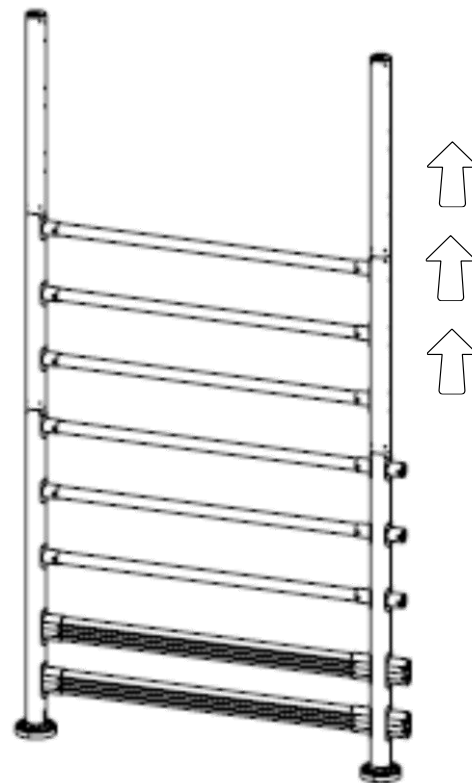


Step 25

ToppleBarrier176

ToppleBarrier244

Continue to install rails building upwards.

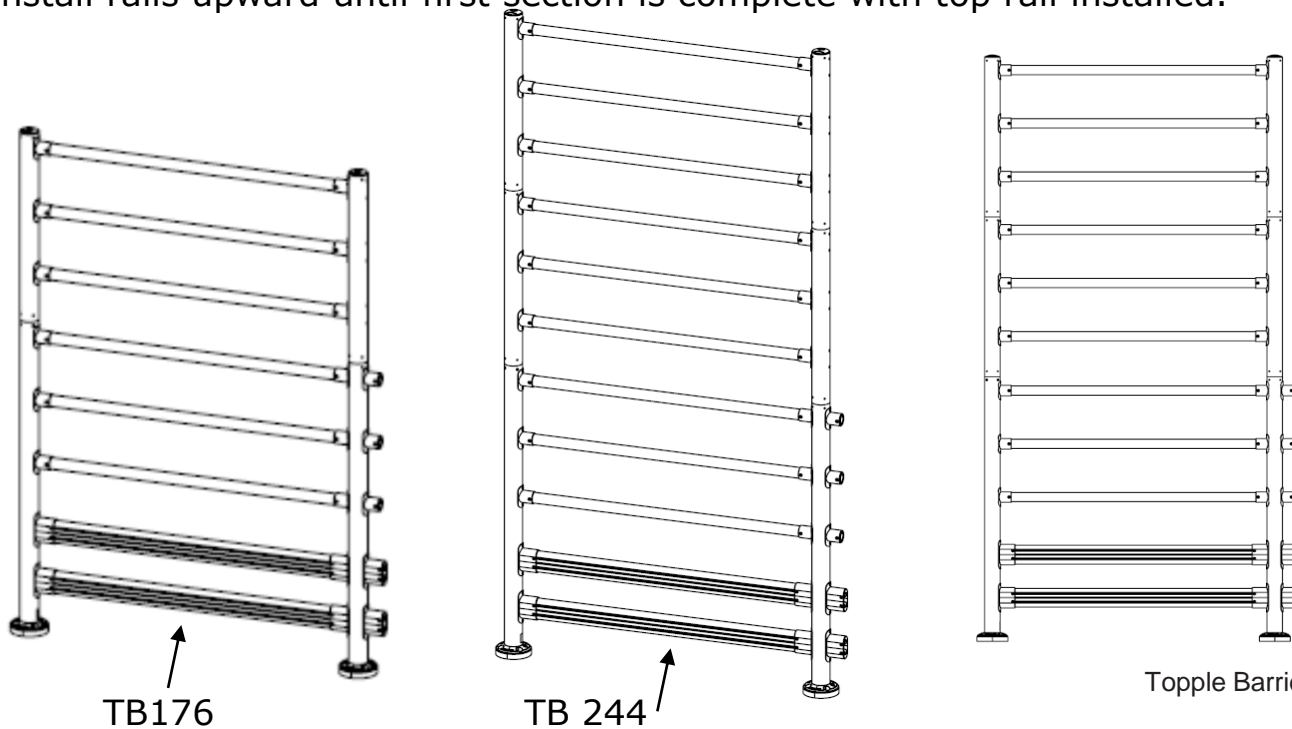


Step 26

ToppleBarrier176

ToppleBarrier244

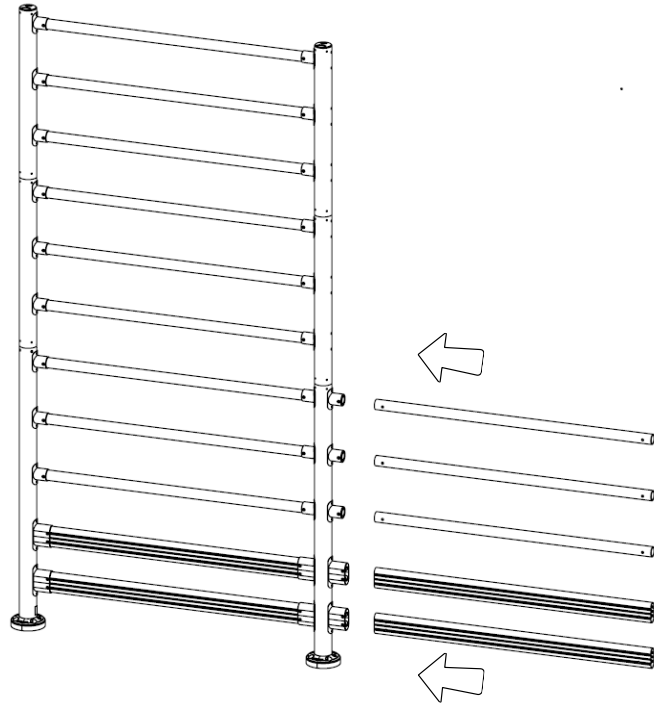
Install rails upward until first section is complete with top rail installed.



Step 27

ToppleBarrier176 **ToppleBarrier244**

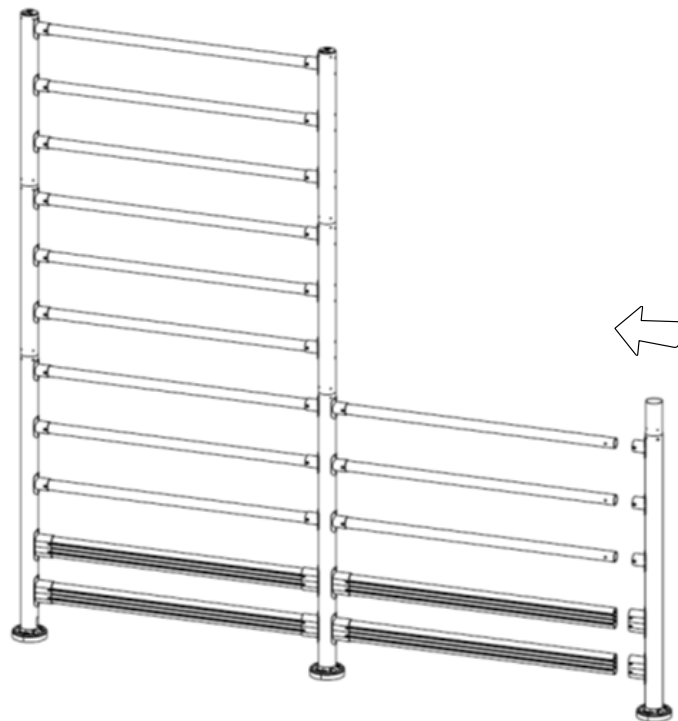
Install next section of lower rails,
QTY 2 GuardRail Rails and
QTY 3 Round Rails per section.
Insert and fasten 1 end of each rail
to next TB108 post in continuous
run per steps 5-7.



Step 28

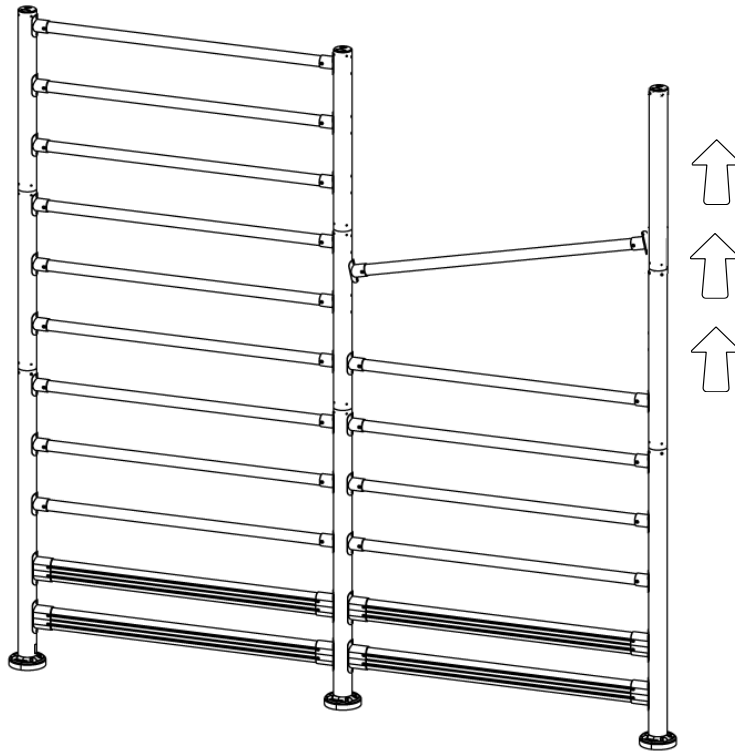
ToppleBarrier176 **ToppleBarrier244**

Install next TB108 post per
steps 10-12.



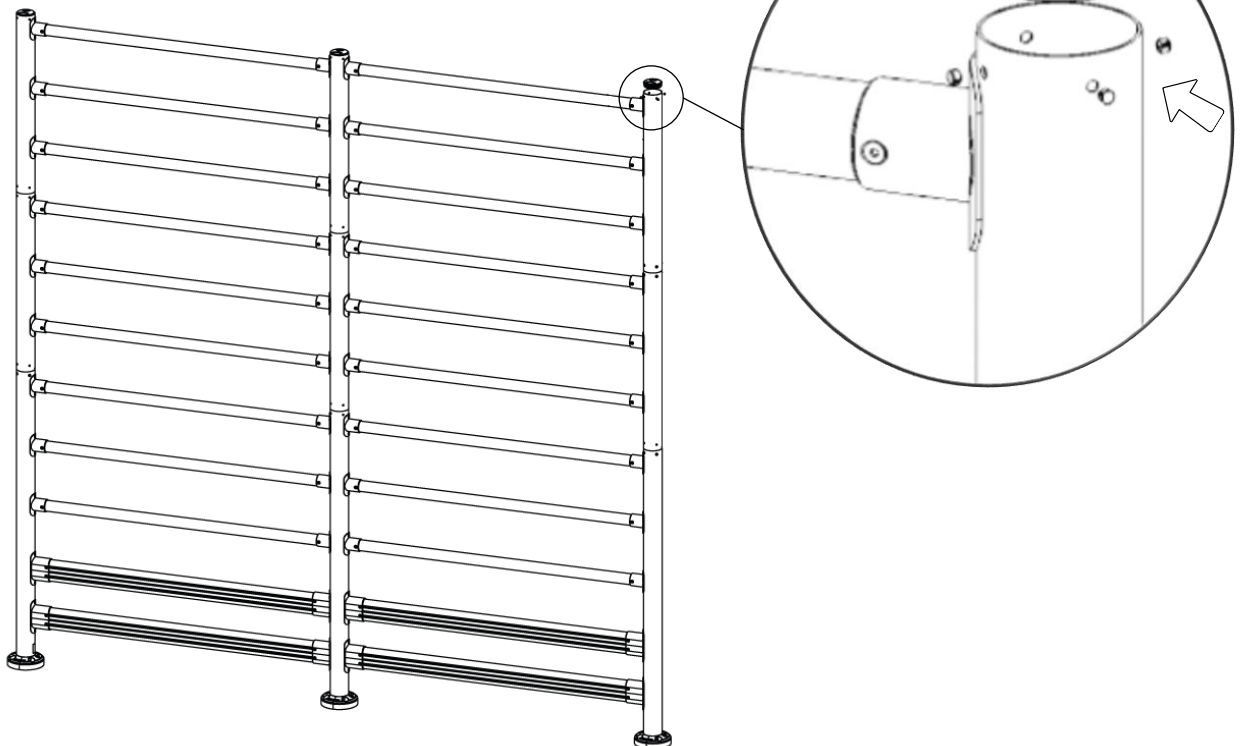
Step 29

Repeat step 19-28 until full run is completed

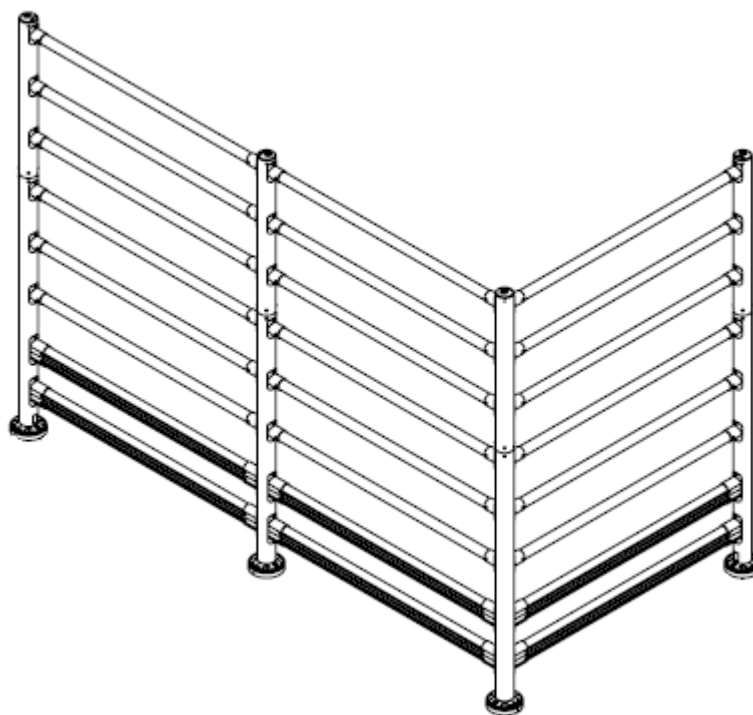


Step 30

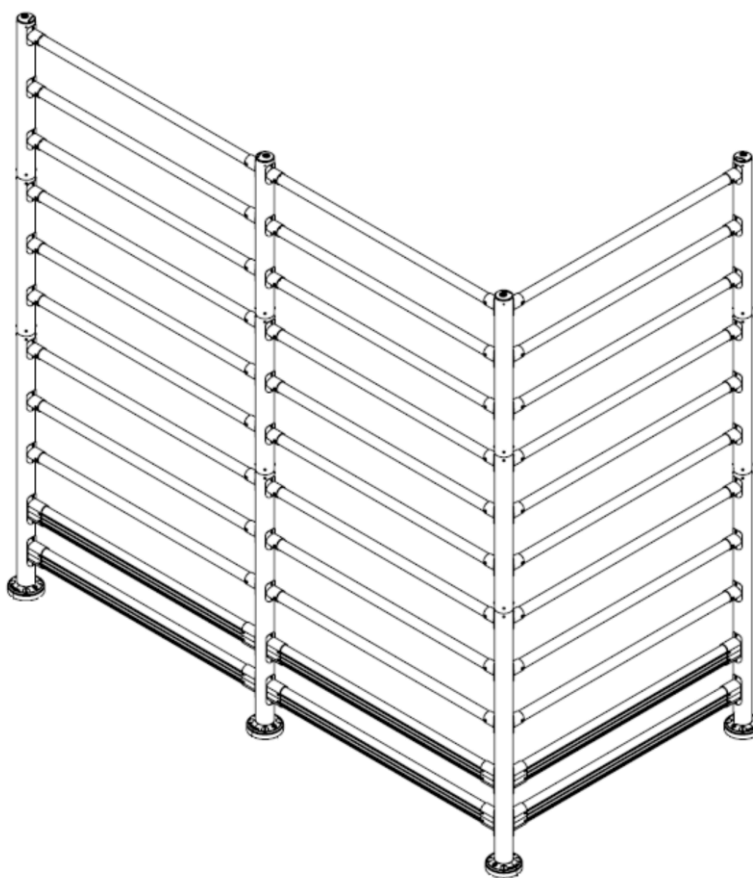
Finish Topples Barrier uprights with caps and plugs.



ToppleBarrier176 Complete

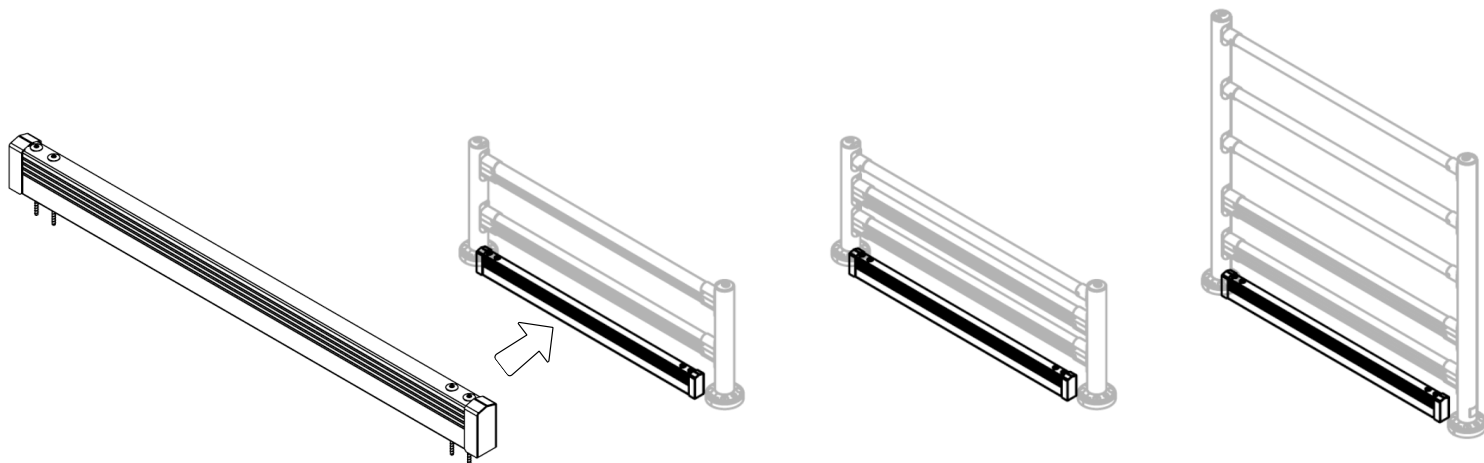


ToppleBarrier244 Complete

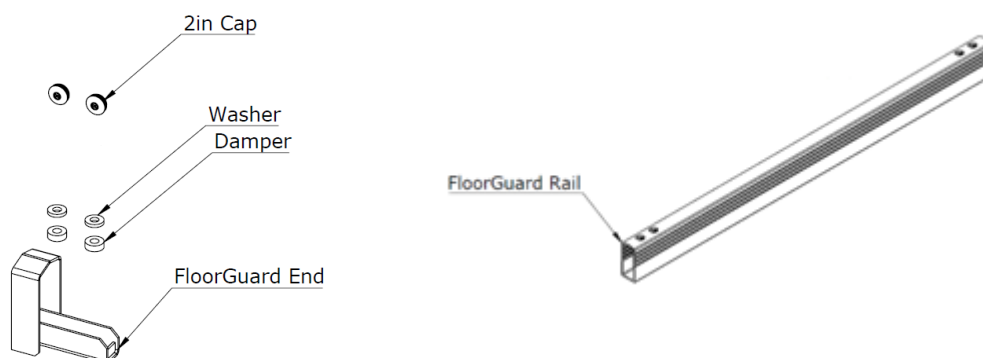


Topple Barrier with FloorGuard

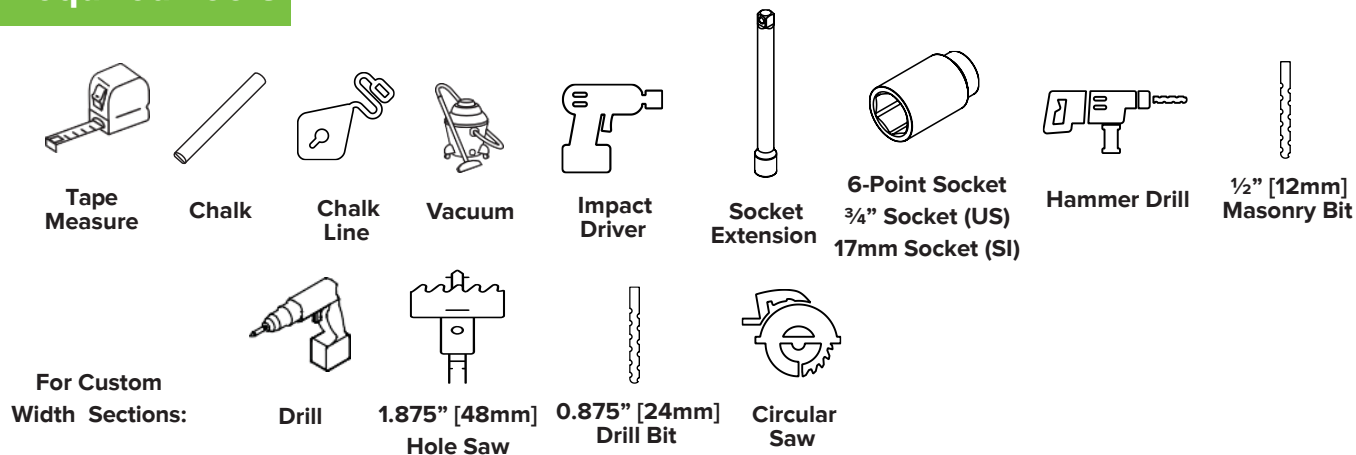
INSTALLATION INSTRUCTIONS



Components



Required Tools



McCue Corporation
Danvers, Massachusetts, USA
+1 (800) 800 8503
customercare@mccue.com

McCue UK & Europe
Milton Keynes, United Kingdom
+44 (0)1908 365 511
uksales@mccue.com

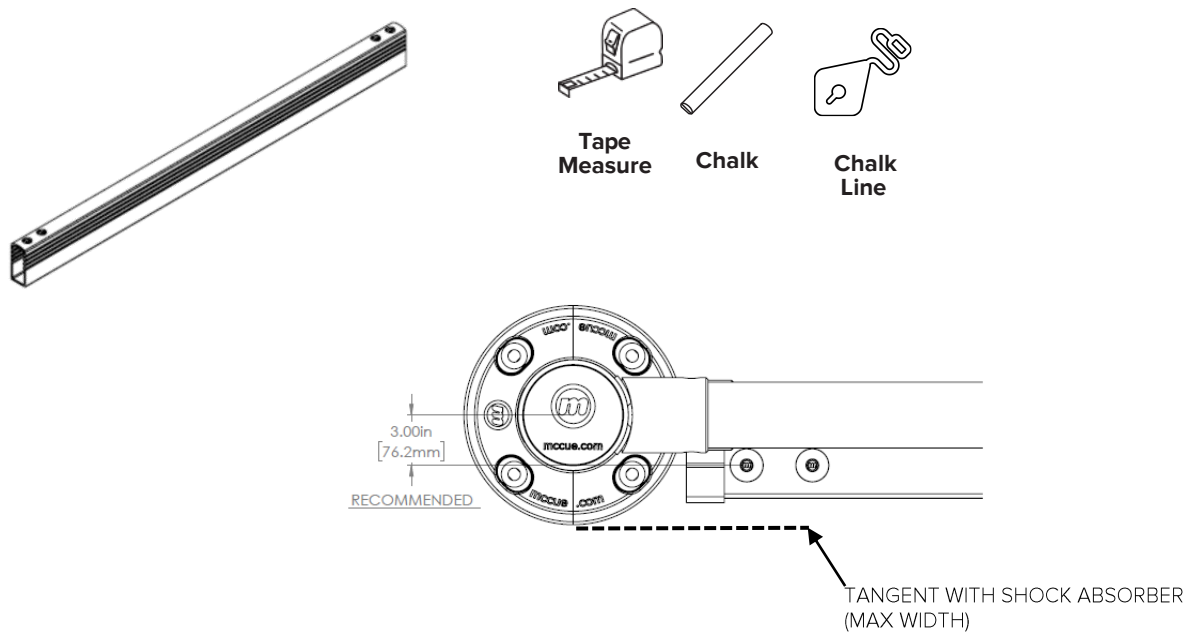
McCue Asia
迈客(厦门)有限公司
Xiamen, Fujian, China
+86-592-2200790

mccue.com



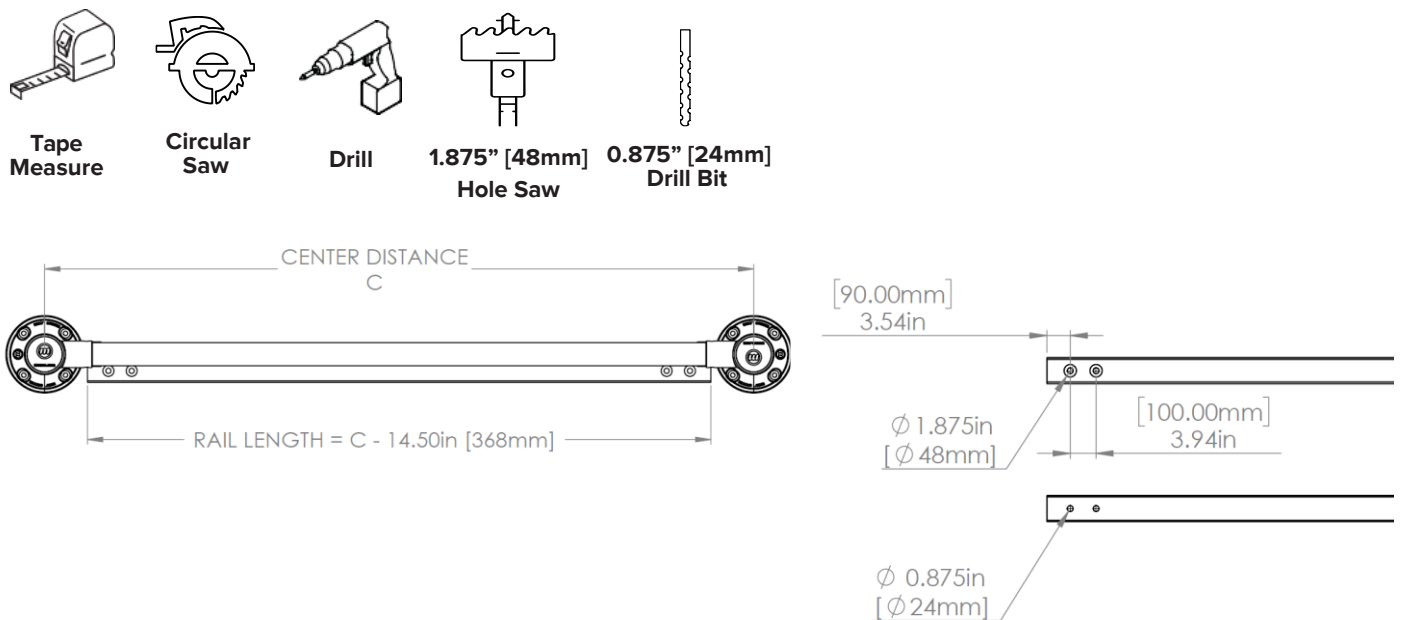
Step B-1

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



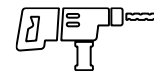
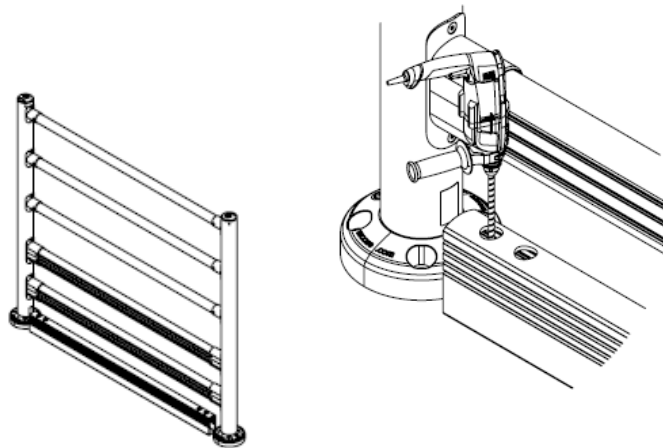
Step B-2

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

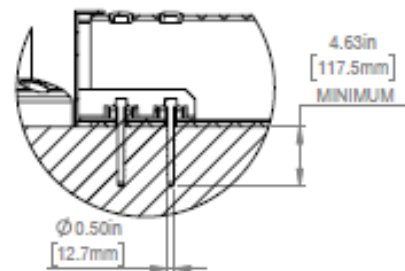
Ensure rails are in place tangent to shock absorbers. Drill 2 holes per side in the concrete through FloorGuard rail. Vacuum clean.



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).

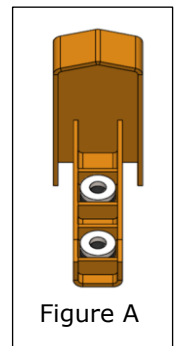
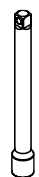


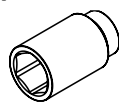
Figure A



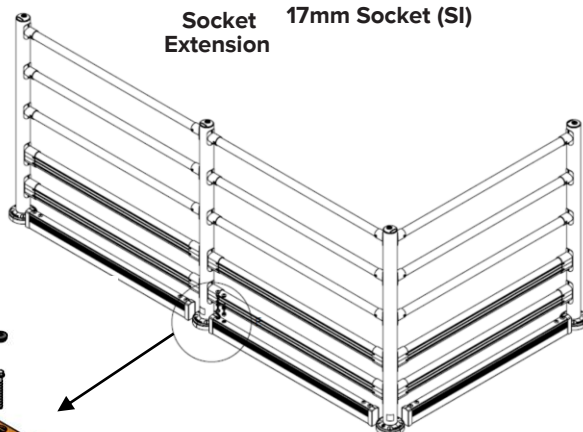
Impact
Driver



Socket
Extension



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



2" CAPS

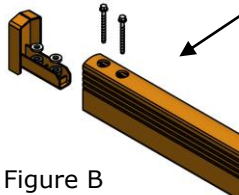


Figure B

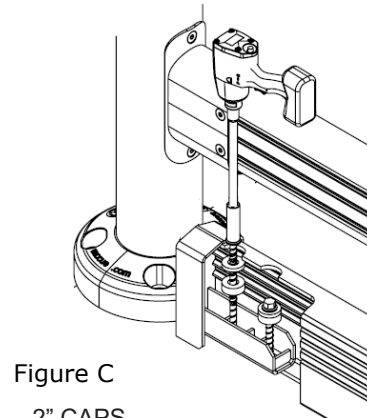


Figure C

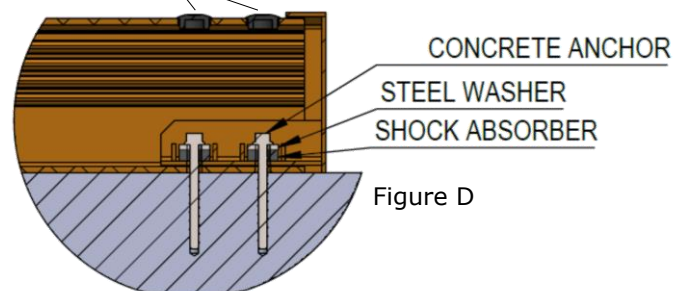
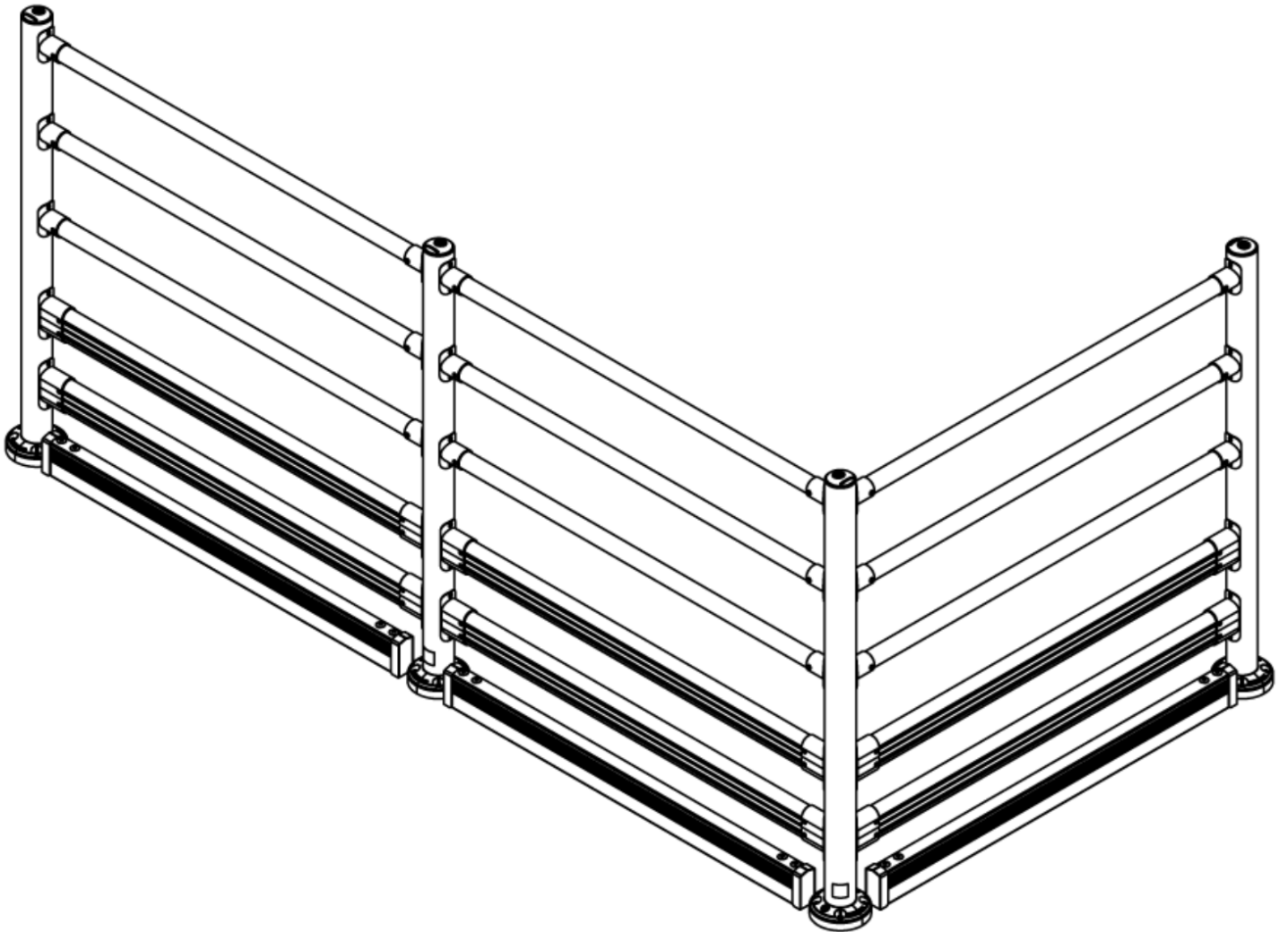


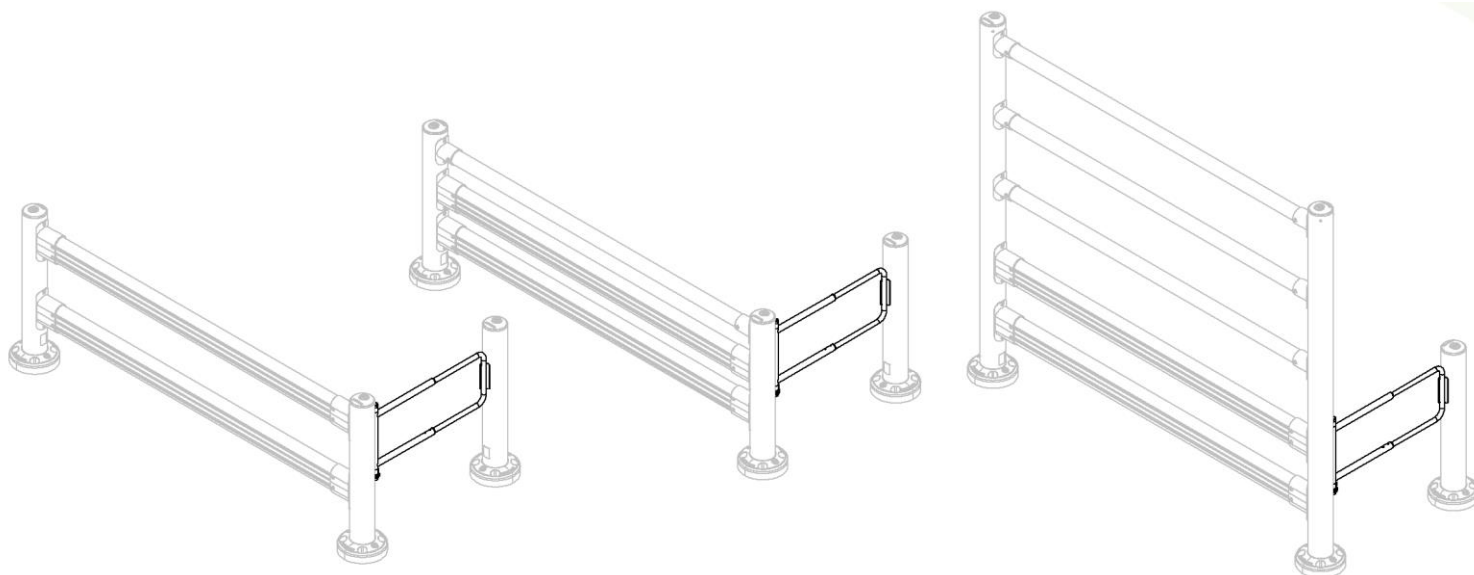
Figure D

Complete

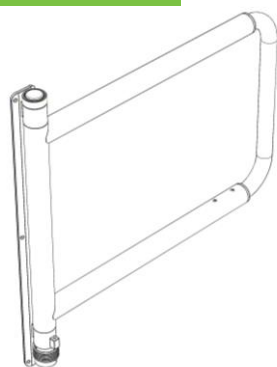


SafeStop Pedestrian Swing Gate Add On Kit

INSTALLATION INSTRUCTIONS



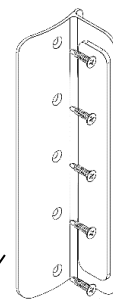
Components



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



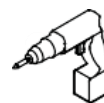
Razor
Knife



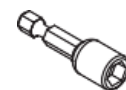
Tape
Measure



Phillips
Bit No.2



Drill or
Impact



Nut Driver
With 5/16" Bit



Questions

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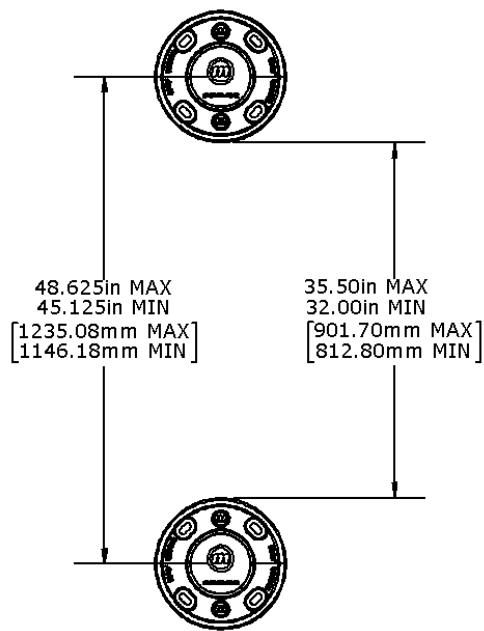
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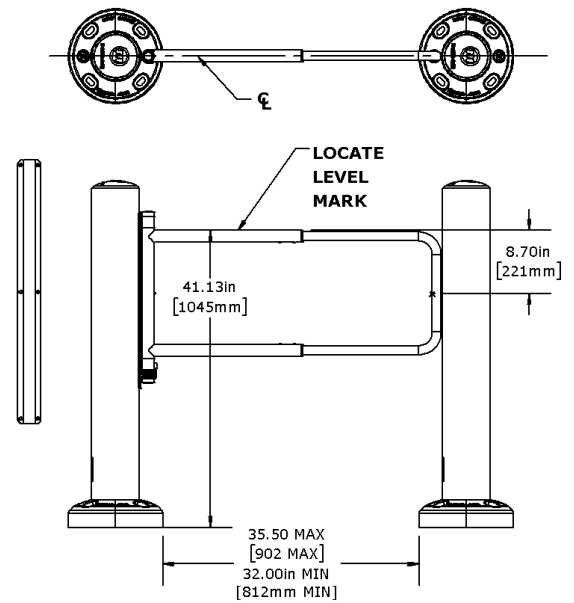


Step 1



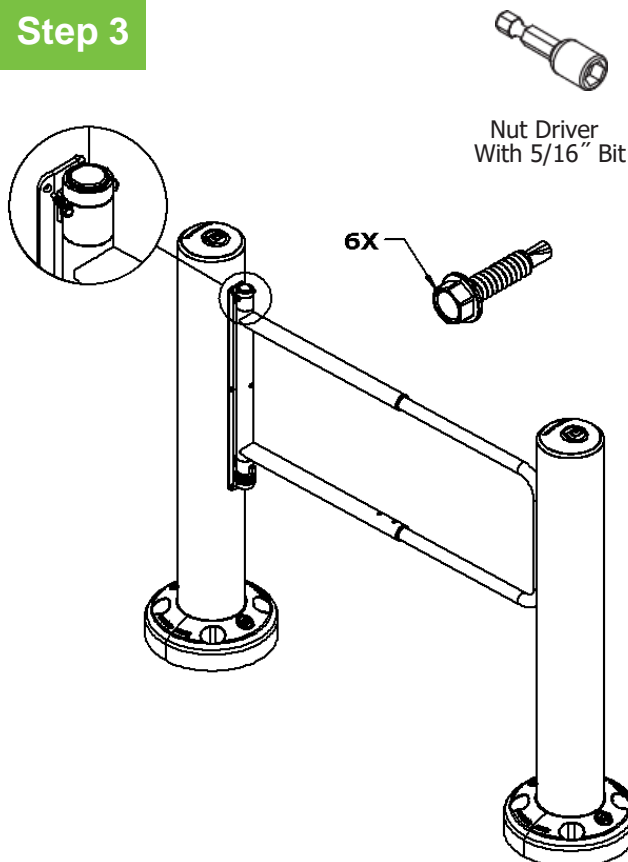
Install SafeStop Products with acceptable spacing as shown above. Refer to product specific installation instructions for Installation procedures.

Step 2



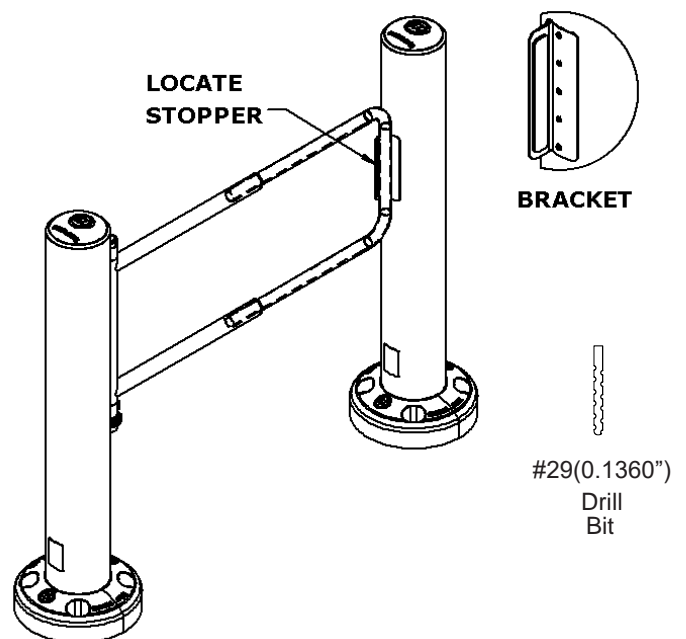
Locate gate on center and mark all the mounting hole locations.

Step 3



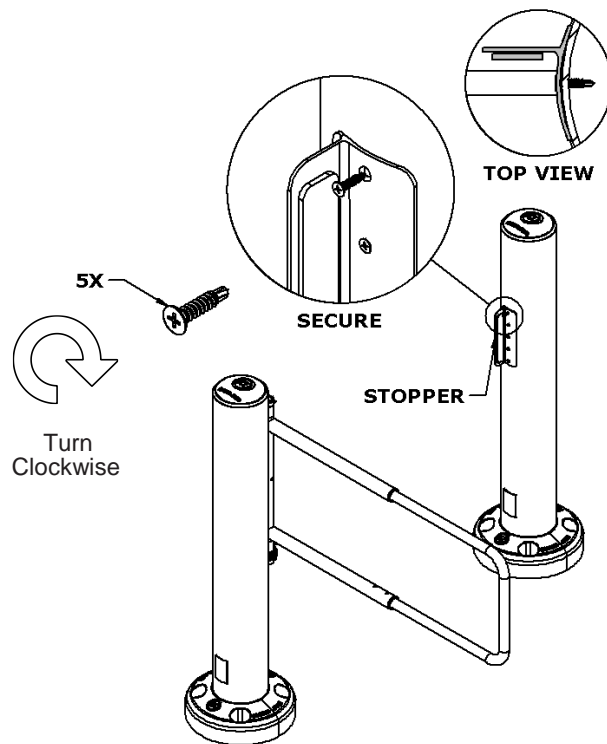
Secure using 5/16" Nut driver bit until flush. Do not over torque.

Step 4



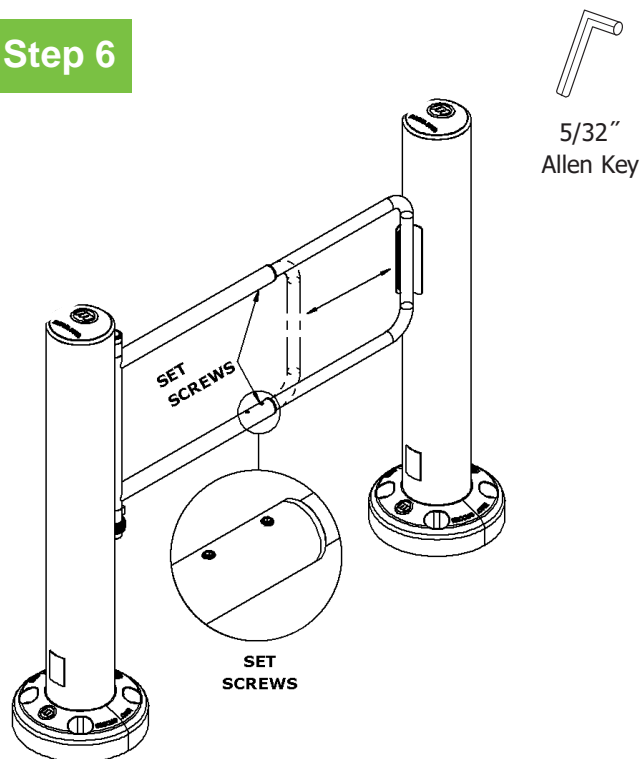
Mark hole locations and drill pilot holes using #29 drill bit.

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.

