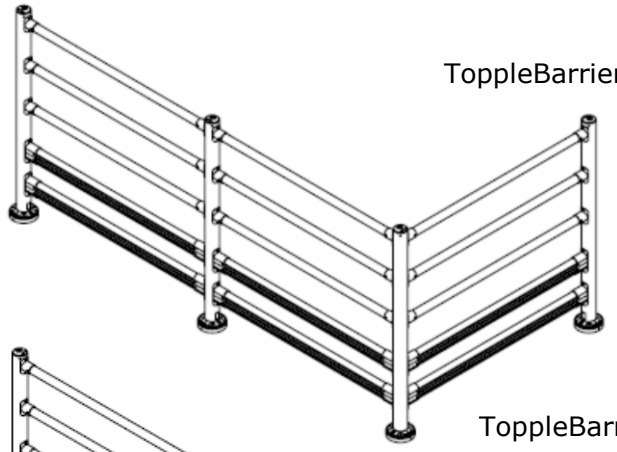
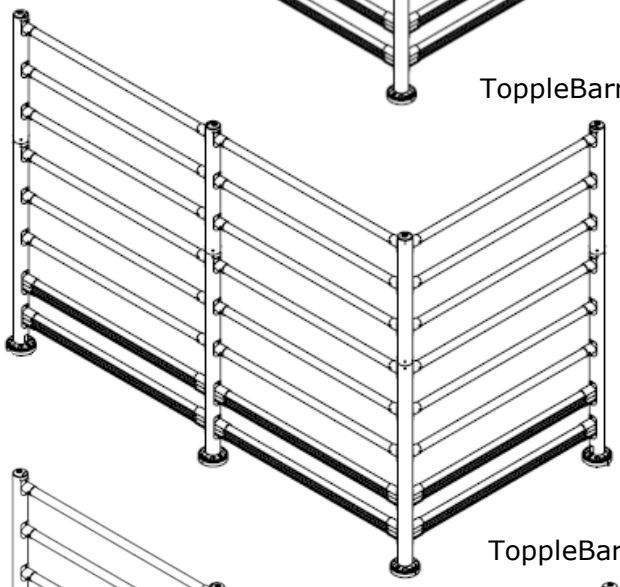
SafeStop ToppleBarrier

INSTALLATION INSTRUCTIONS

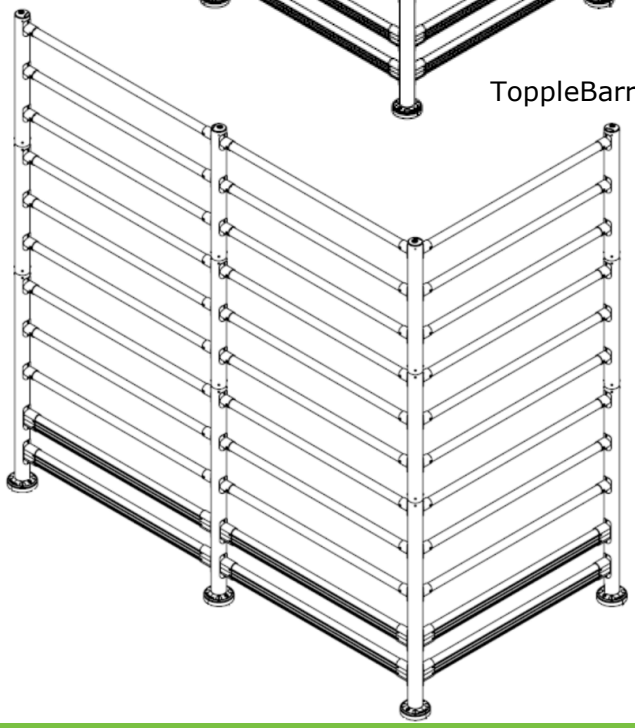
ToppleBarrier 108



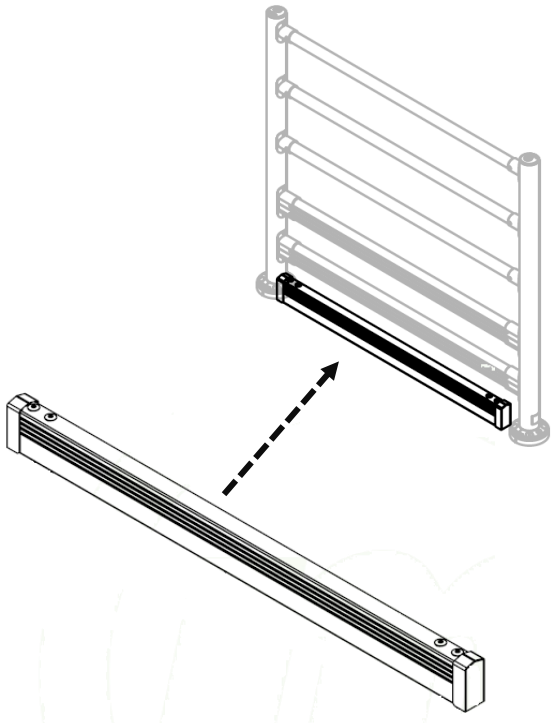
ToppleBarrier 176



ToppleBarrier 244



FloorGuard (optional)



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

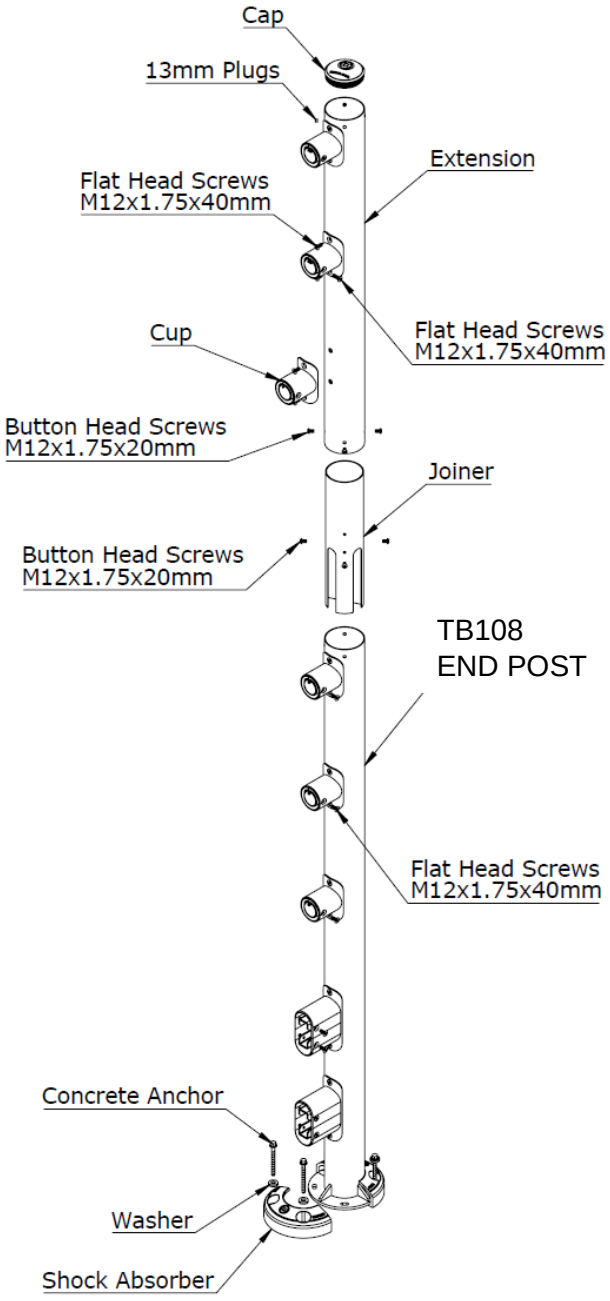
Questions

SafeStop ToppleBarrier

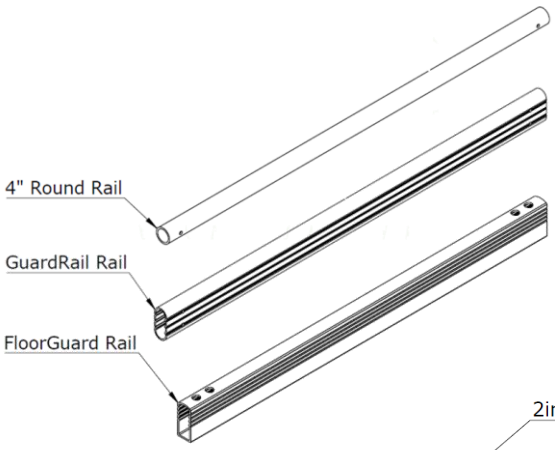
INSTALLATION INSTRUCTIONS

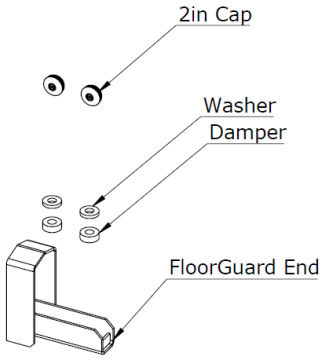
Components

Components will vary by configuration.



TB108
END POST







TB108
MID POST



TB108
CNR POST

Questions

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

SafeStop ToppleBarrier

INSTALLATION INSTRUCTIONS

Required Tools



Tape Measure



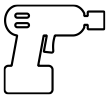
Chalk



Chalk Line



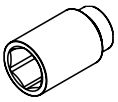
8mm Hex Bit



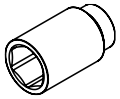
Impact Driver



Socket Extension

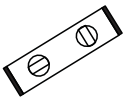


¾" [19mm] 6-Point Socket



17mm 6-Point Socket

(Metric Concrete Anchors)



Level

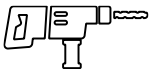


Vacuum



Drill

½" [12mm] Drill Bit



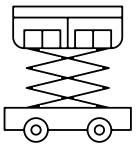
Hammer Drill



½" [12mm] Masonry Bit



Circular Saw

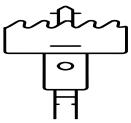


Scissor Lift

(TB176 & TB244)



6´-Step Ladder



1.875" [48mm] Hole Saw

(FloorGuard AddOn)



0.875" [24mm] Drill Bit

(FloorGuard AddOn)

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 Mark, 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.

Questions

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

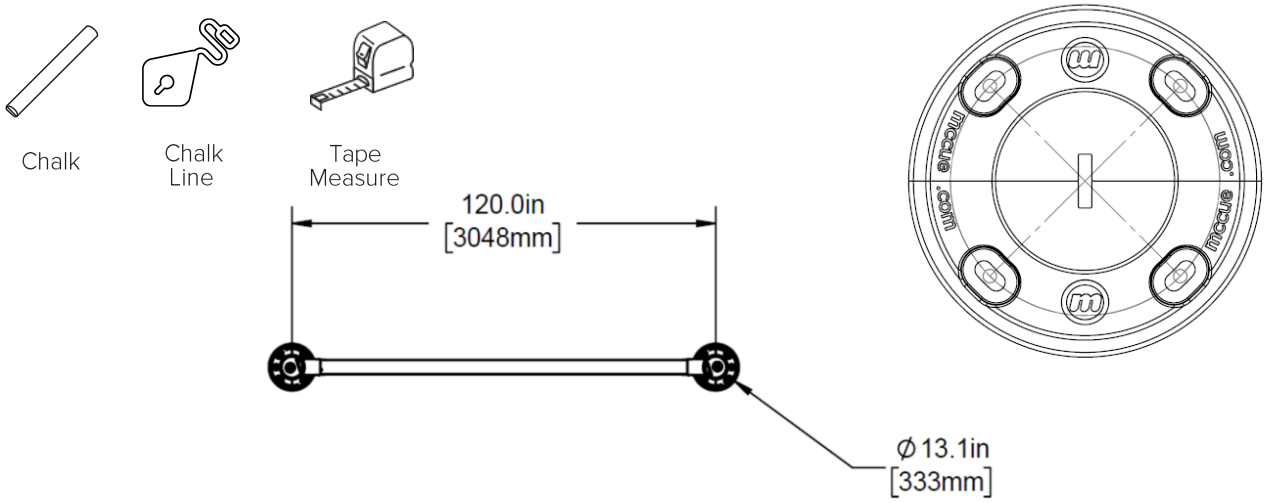
McCue UK & Europe
Milton Keynes, United Kingdom
+44 (0)1908 365 511
uksales@mccue.com

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

mccue.com

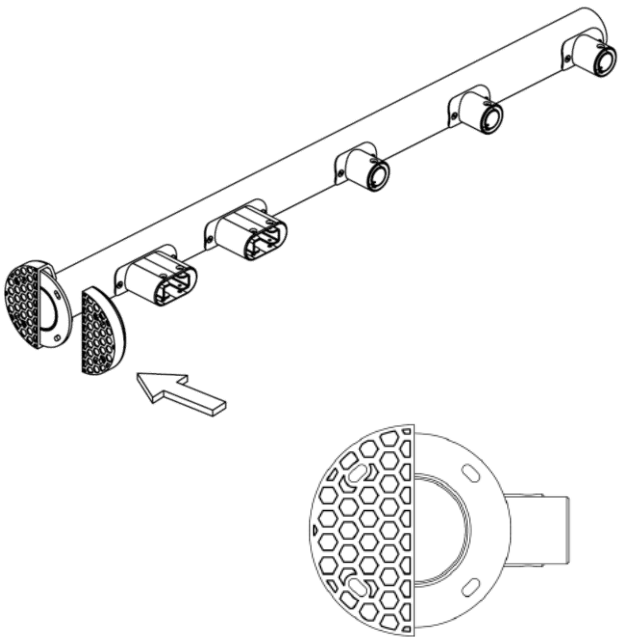
Step 1

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

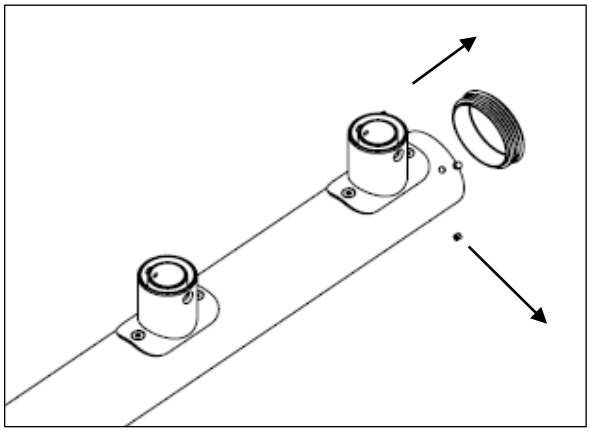
Install Shock Absorbers over baseplates.



Step 3

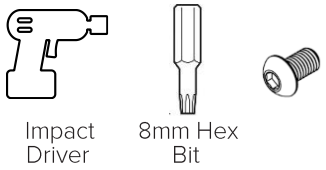
Topple Barrier 176
Topple Barrier 244
Remove caps and plugs from the tops of the posts if installing
Topple Barrier 176 or Topple Barrier 244.

Topple Barrier 108
Continue to next step.



Step 4

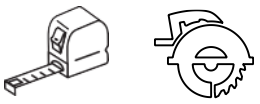
Topple Barrier 176
Topple Barrier 244
Install joiners into top of TB108 posts. Fasten with 4x M12 Pan Head screws per post.

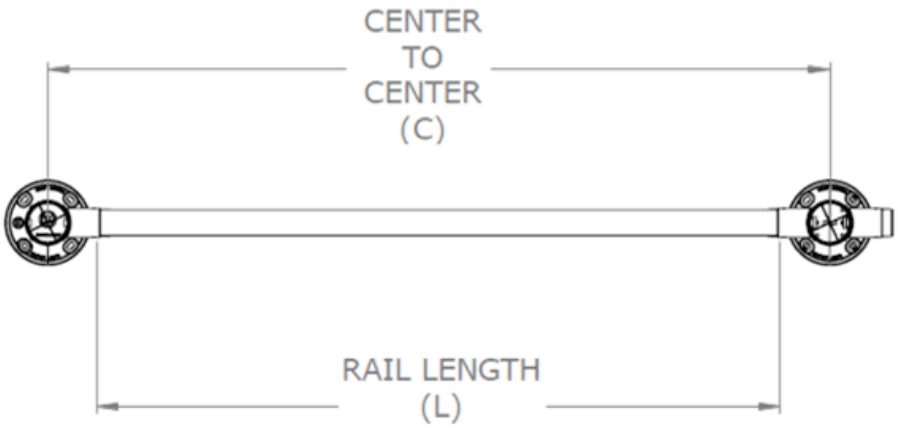


Steps 6-14 will be shown without the joiner installed for simplicity.

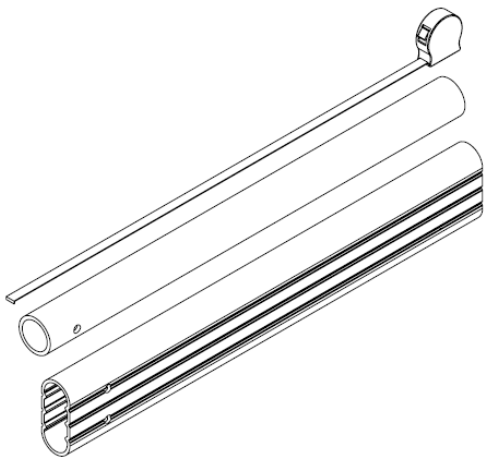
Step 5

Custom Length Rails
Measure and cut QTY 2 GuardRail Rails and QTY 3 Round Rails to length.
Rail Length L(in) = C(in) – 7.50in
L(mm) = C(mm) – 190mm



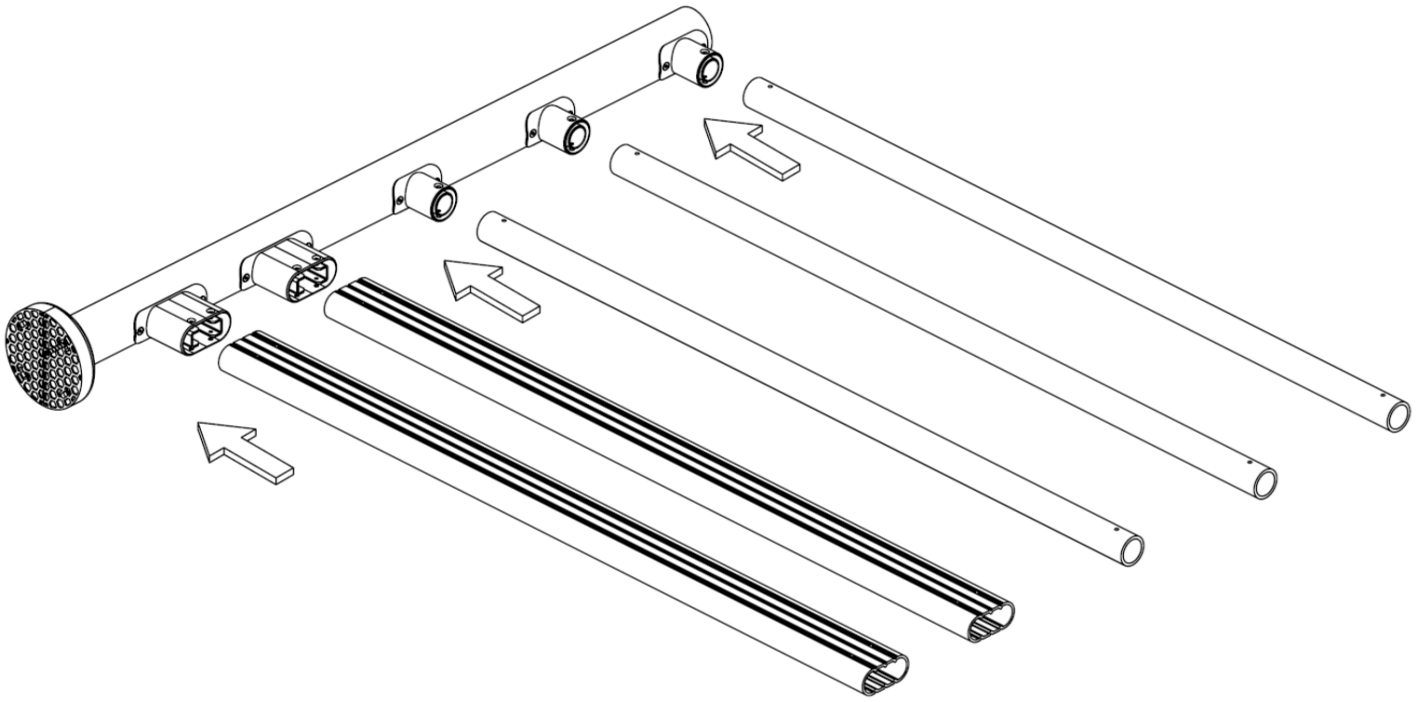


Top View



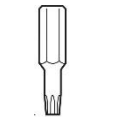
Step 6

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

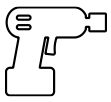


Step 7

Fasten M12 Flat Head screws through post cups to secure rails

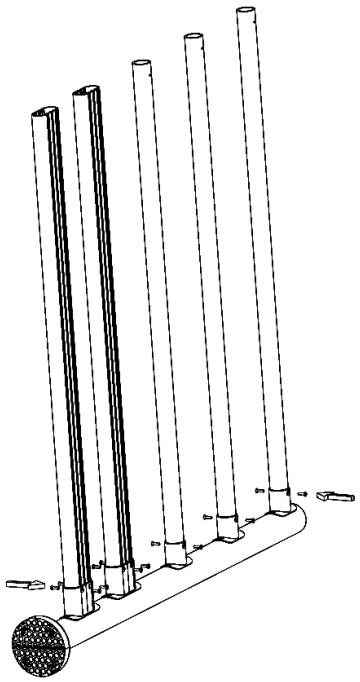


8mm Hex Bit



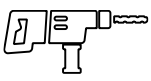
Impact Driver





Step 8

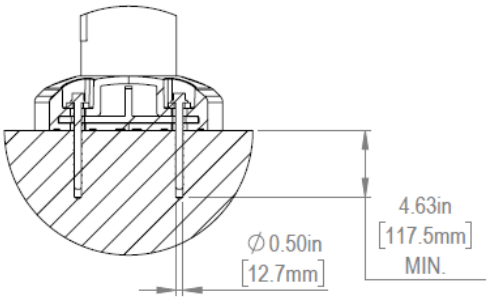
Drill holes for first post using hammer drill with ½” [12mm] drill bit, 4-5/8” [118mm] minimum hole depth.

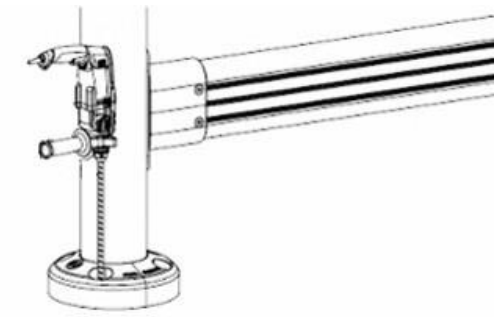


Hammer Drill with ½” [12mm] Bit



Vacuum



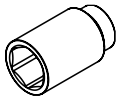


Step 9

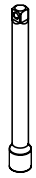
Move post in to place. Fasten post to floor with ½” [12mm] concrete anchors through washers.



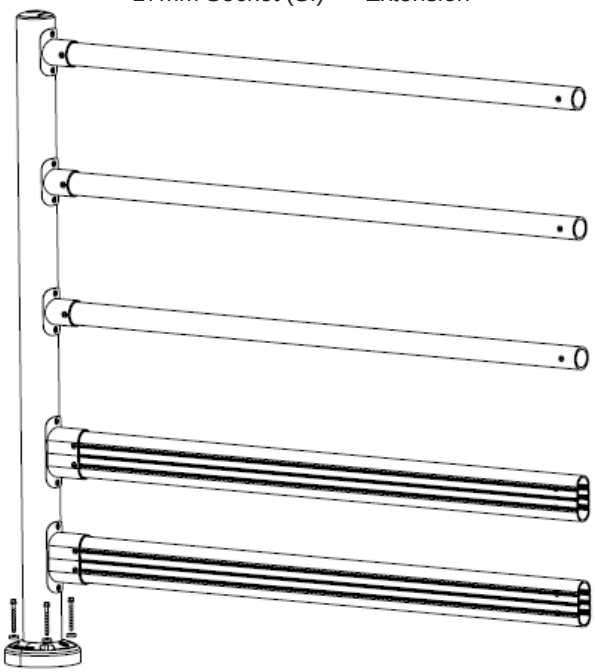
Impact Driver

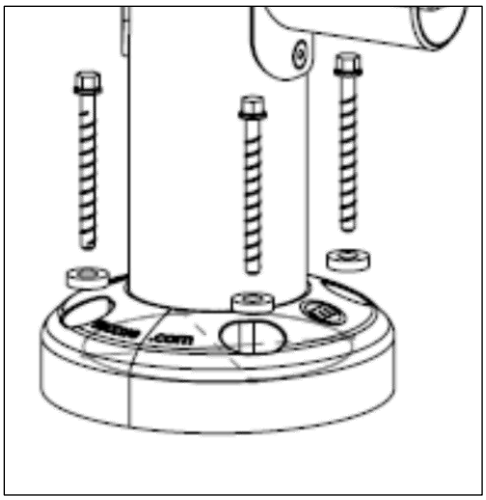


6-Point
¾” Socket (US)
17mm Socket (SI)



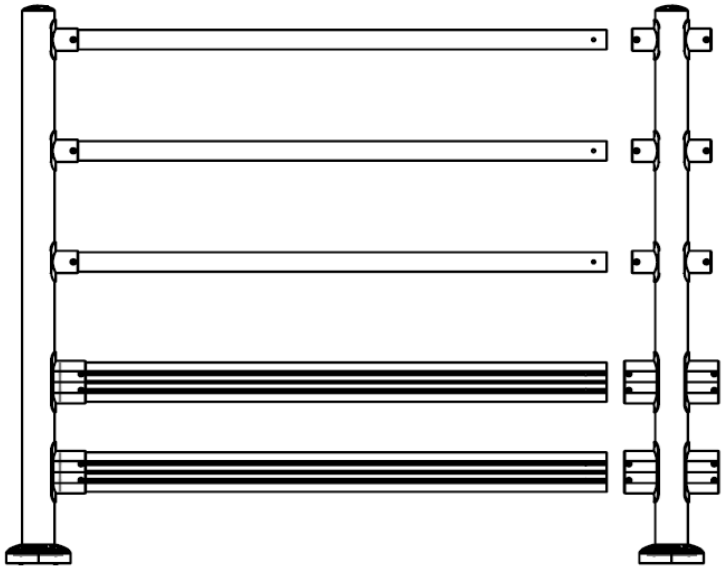
Socket Extension

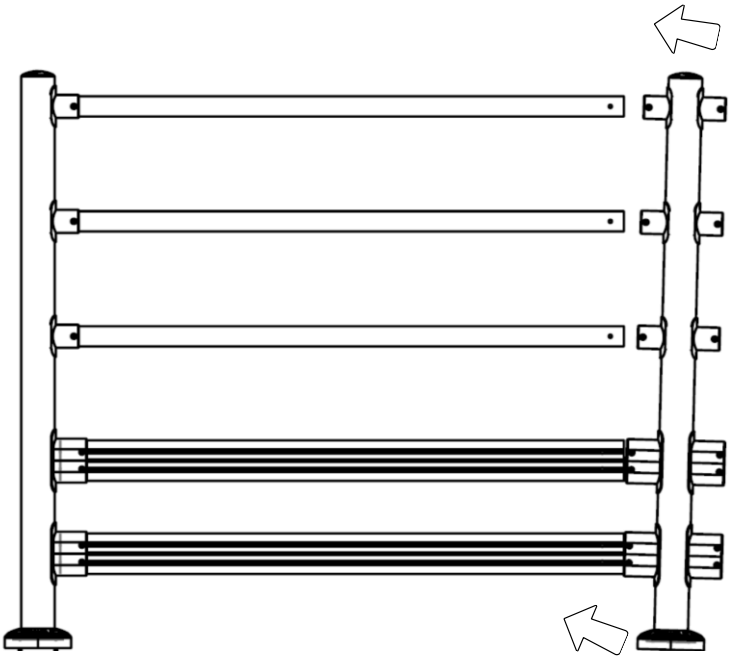




Step 10

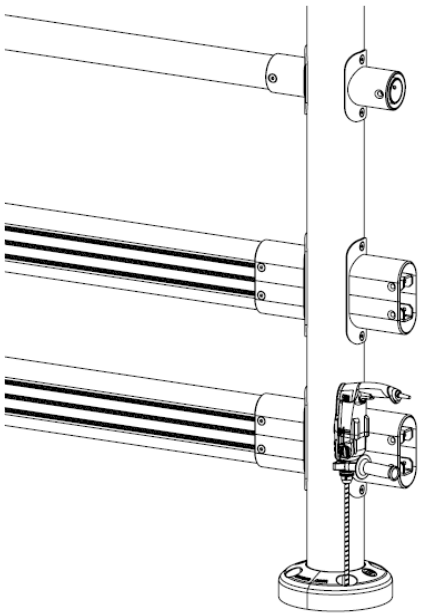
Align next post. Insert rails into cups starting with the bottom cup, working upwards.



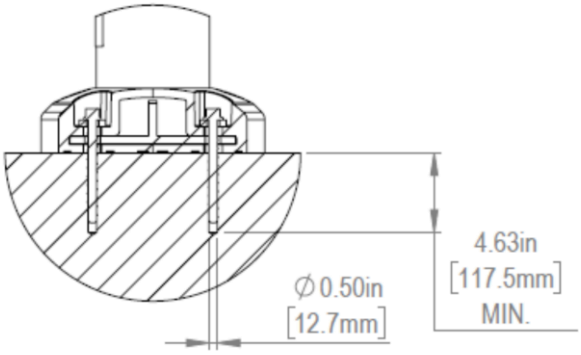


Step 11

Ensure post is in position and in line and then drill anchor holes through shock-absorber and baseplate. Drill ½” [12mm] holes to a minimum 4-5/8” [118mm] hole depth. Check for straightness with a level.

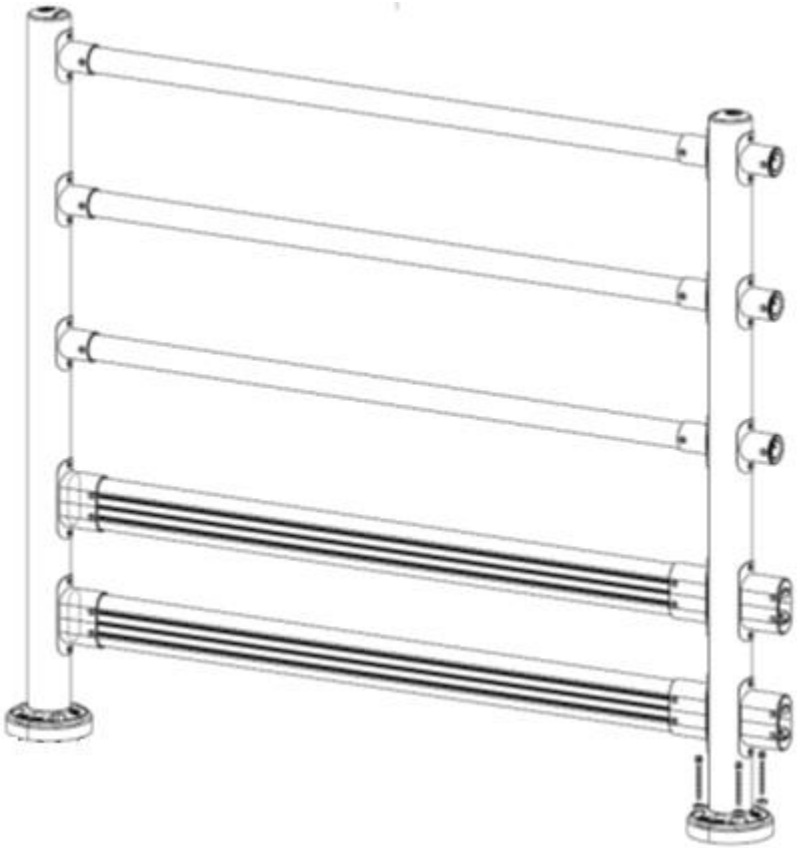


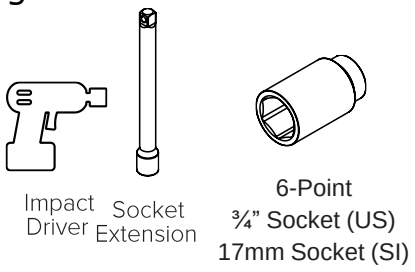


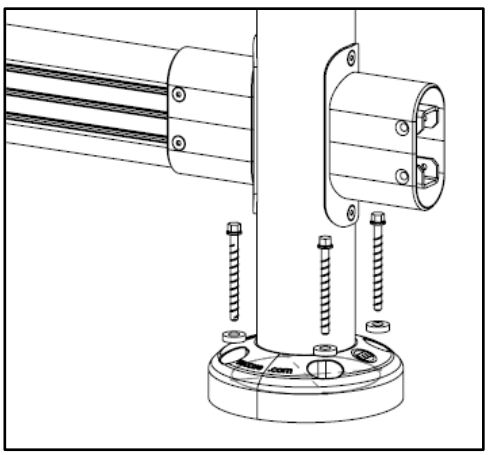


Step 12

Fasten post to floor with ½” [12mm] concrete anchors through washers.





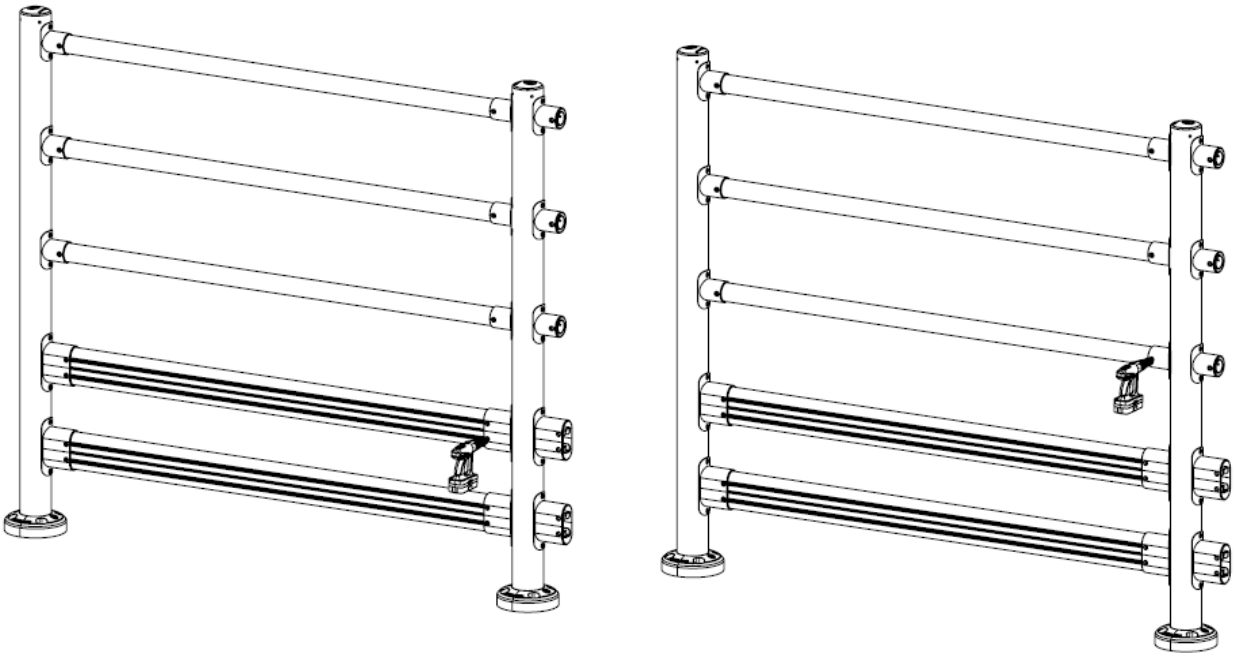


Step 13

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

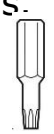


Drill with ½”
Drill Bit

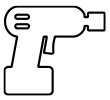


Step 14

Fasten Flat Head screws through post cups to secure rails.



8mm Hex
Bit



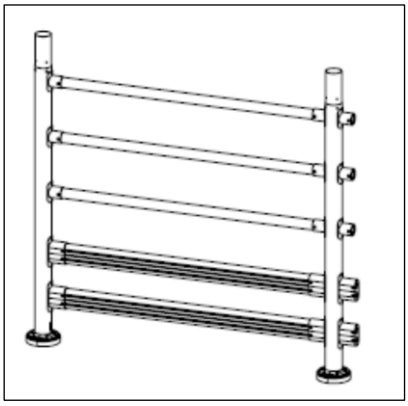
Impact
Driver

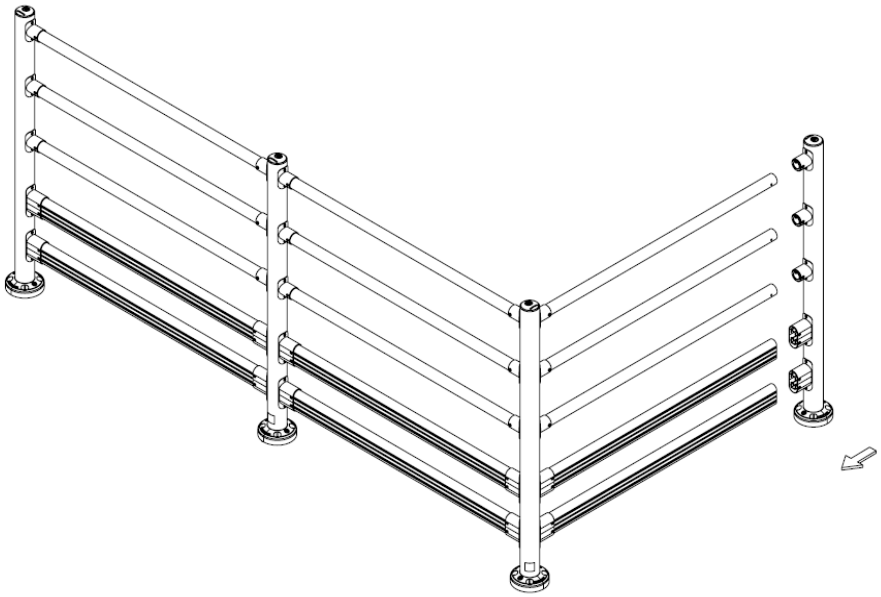


Step 15

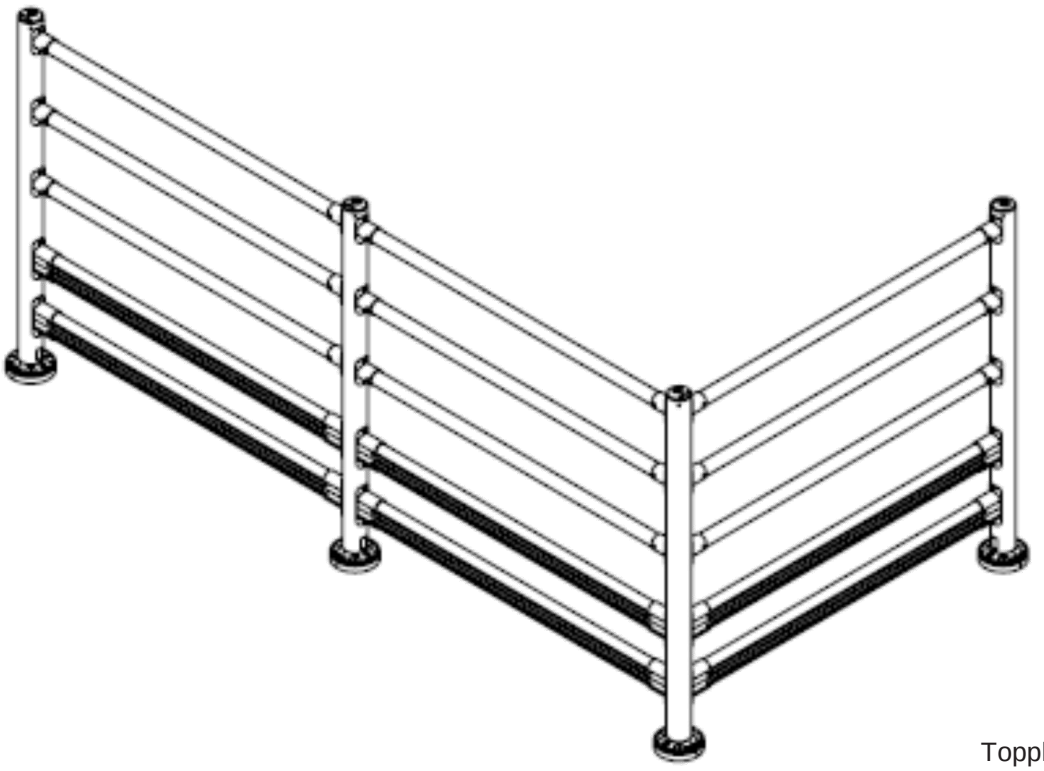
Topple Barrier 108
Continue Steps 6-14 until final post is fully installed.

Topple Barrier 176
Topple Barrier 244
Continue to step 16



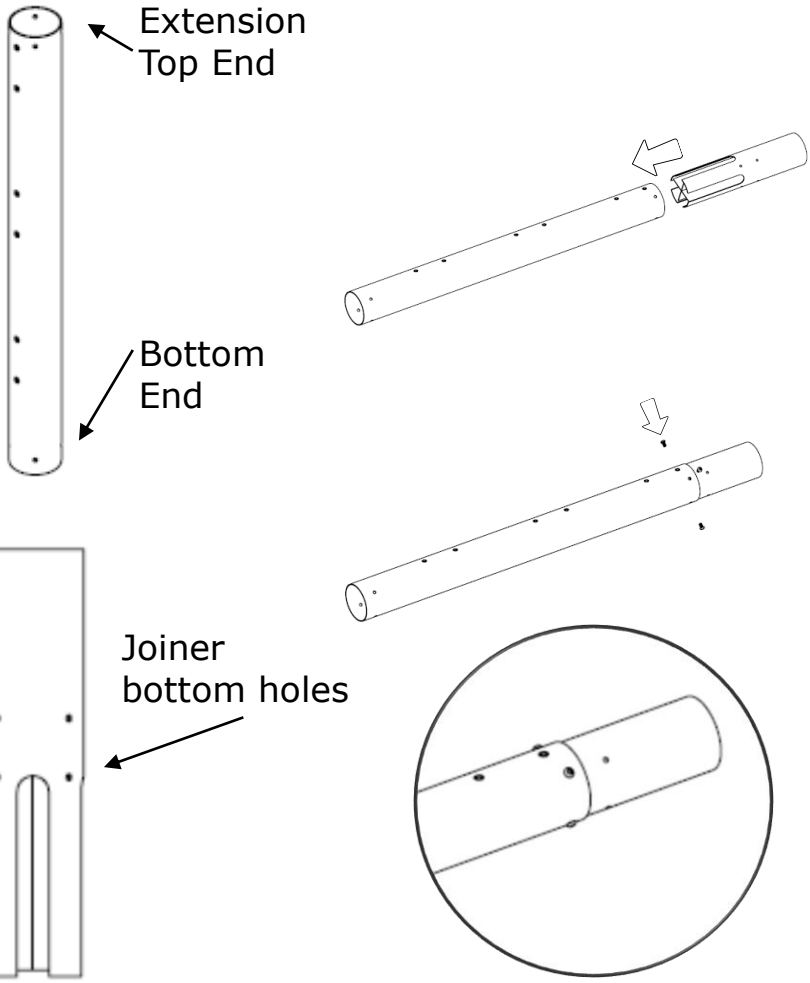


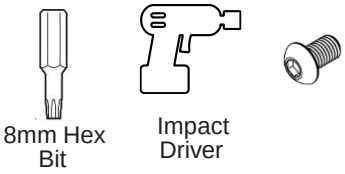
Topple Barrier 108 Complete



Step 16

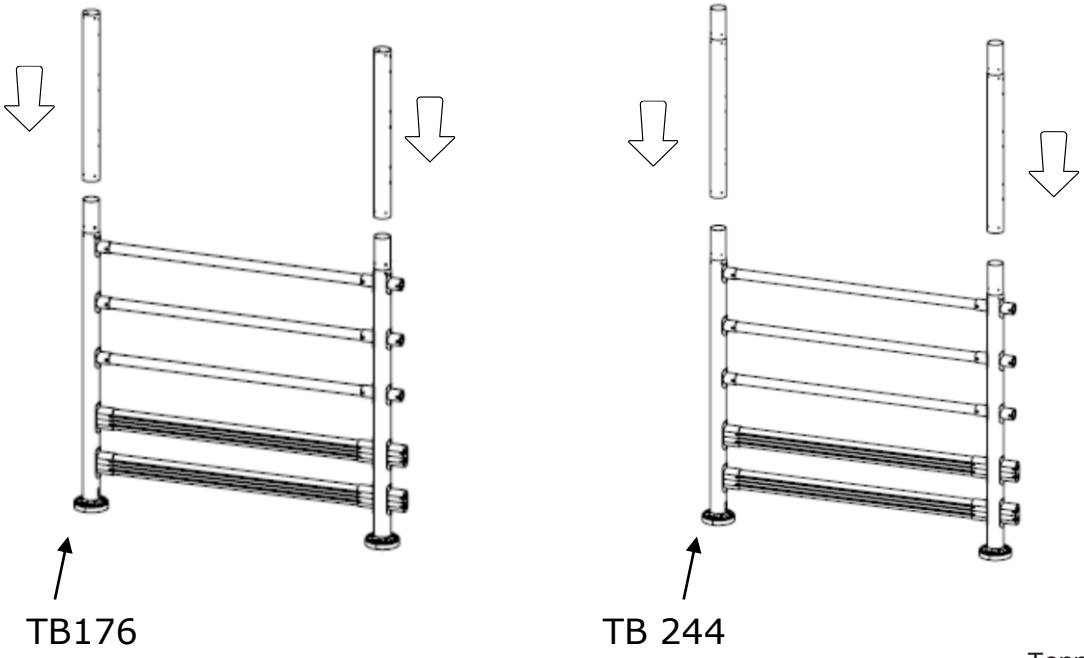
ToppleBarrier244
Assemble two joiners with extensions.
Insert joiner into top end of extension and fasten with QTY 4 Button Head screws through the bottom set of joiner holes.
See graphic for extension hole orientation.





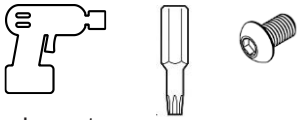
Step 17

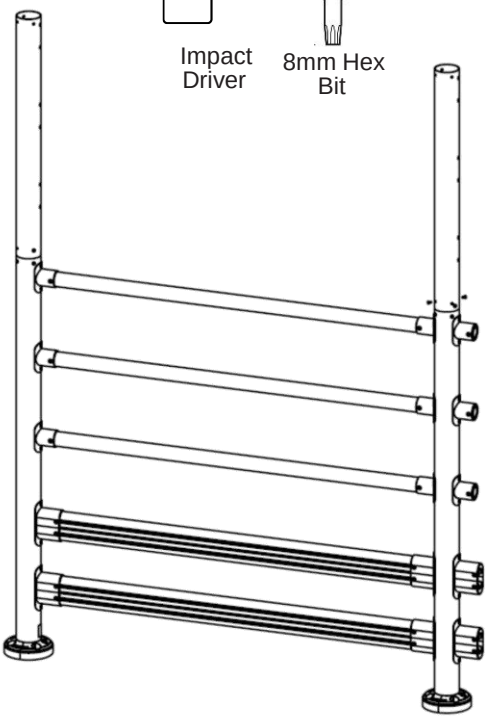
ToppleBarrier176
ToppleBarrier244
Place extensions on installed TB108 posts.



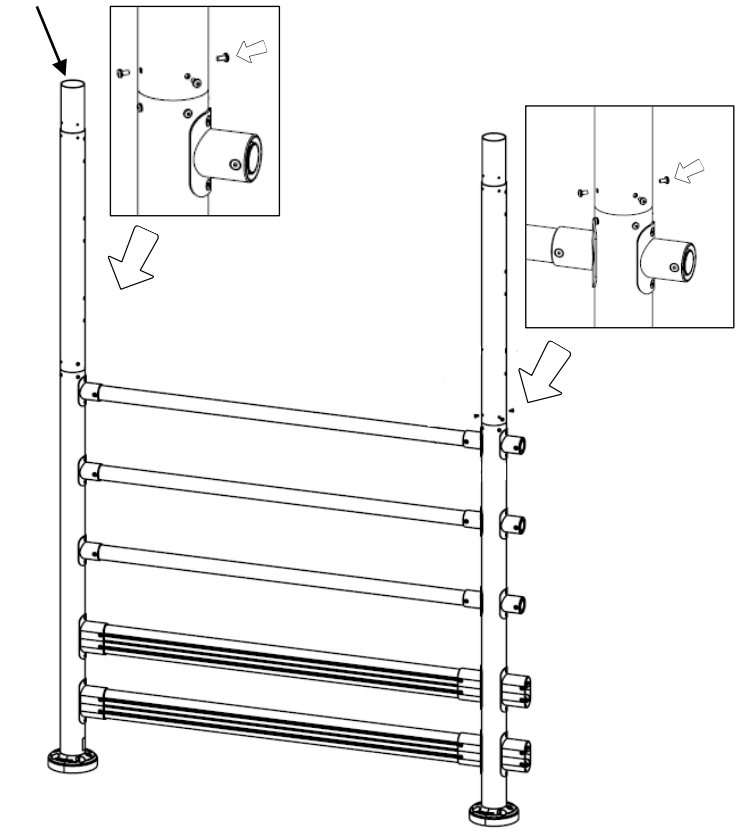
Step 18

Topple Barrier 176
Topple Barrier 244
Install extensions (or extensions + joiner assembly) onto base uprights. Fasten with QTY 4 Button Head Screws per post.



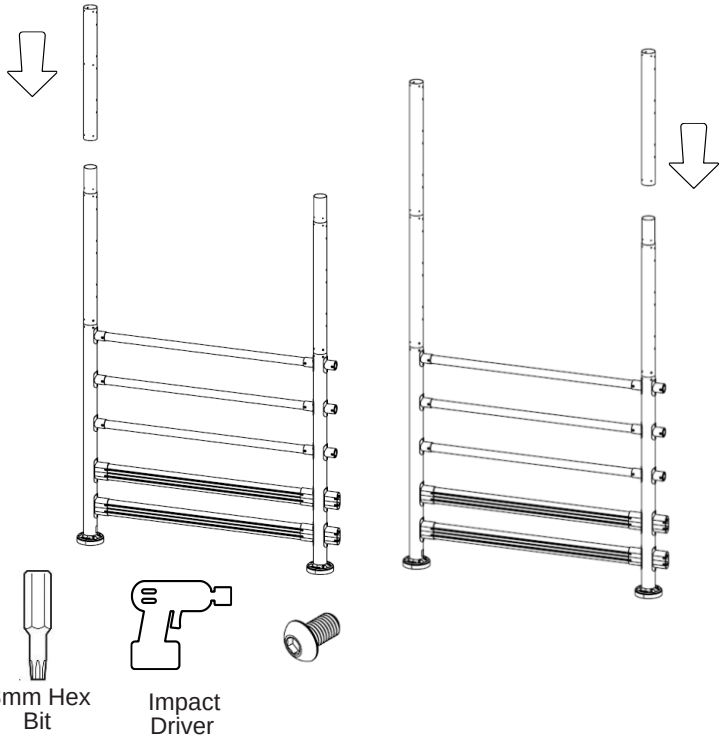


TB176
TB 244



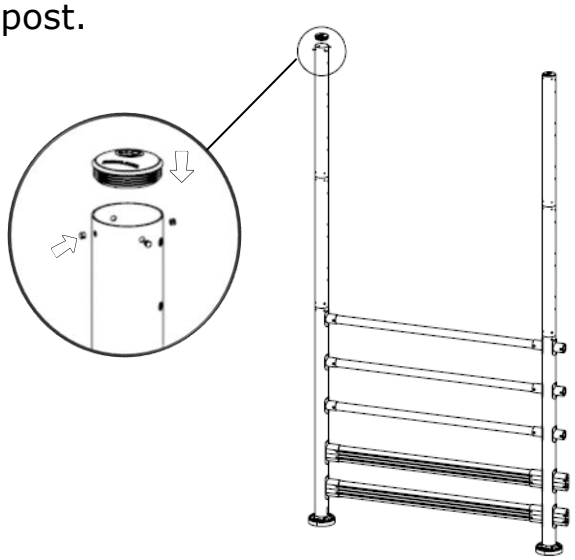
Step 19

ToppleBarrier244
Continue building upright post by installing second extension piece over joiner and fastening per step 17 & 18.

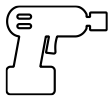


Step 20

ToppleBarrier176
ToppleBarrier244
Complete building Topple Barrier Uprights by fastening cap and 4 plugs per post.



Step 21

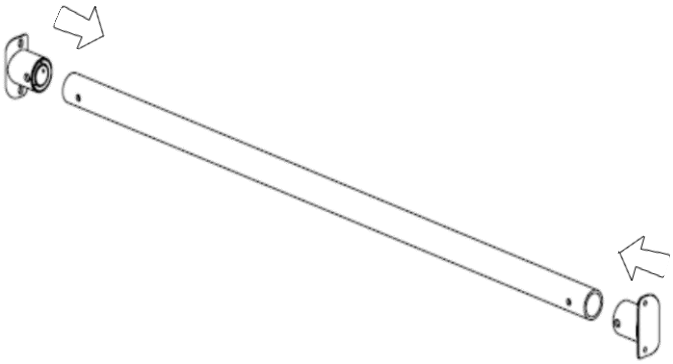

Impact Driver

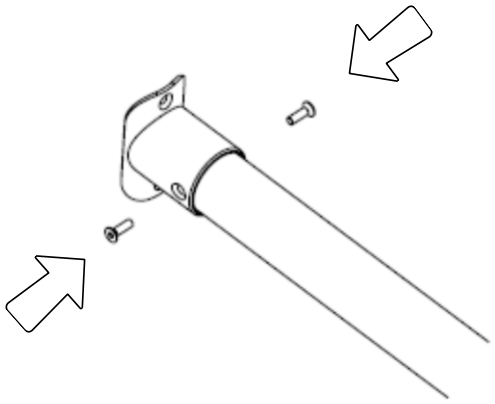

8mm Hex Bit



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.





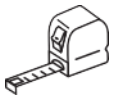
Step 22

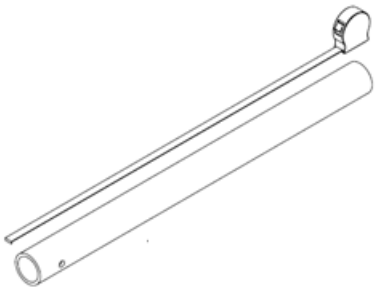
Custom Length Rails
ToppleBarrier176
ToppleBarrier244
*2 Installers Required

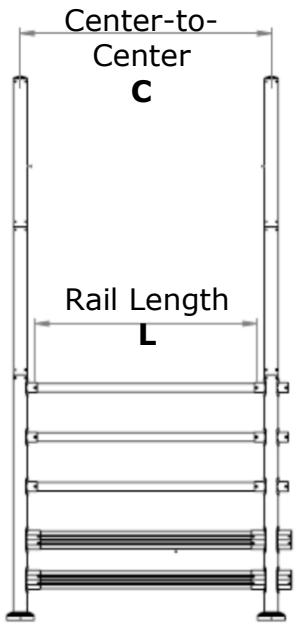
A

Cut rails to length:
L = C (in) – 7.5in or
L = C(mm) – 190mm


Circular Saw


Tape Measure





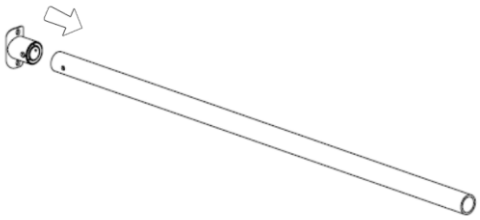
B

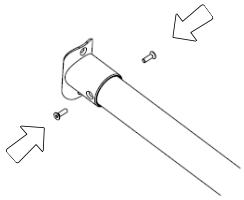
Insert pre-drilled end of rail into cup and fasten with QTY 2 Flat head screws. Repeat for all rails in section.


8mm Hex Bit


Impact Driver

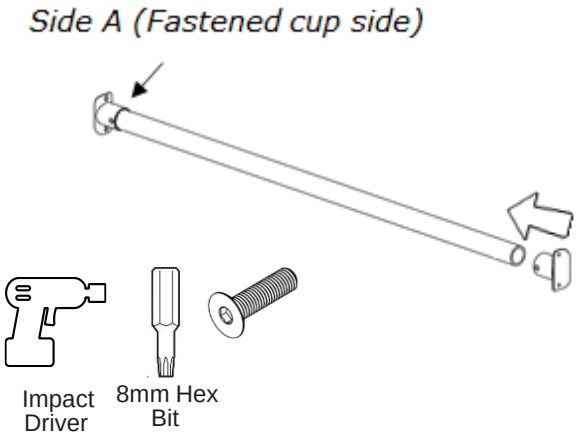




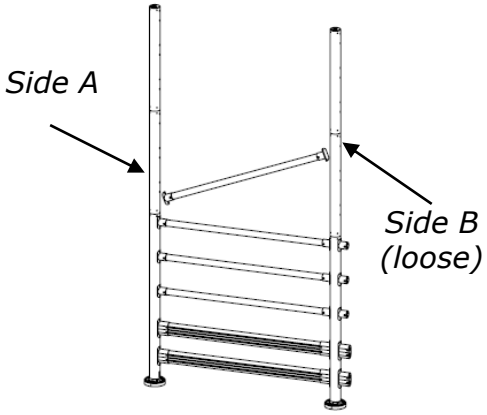


Step 22 (continued)

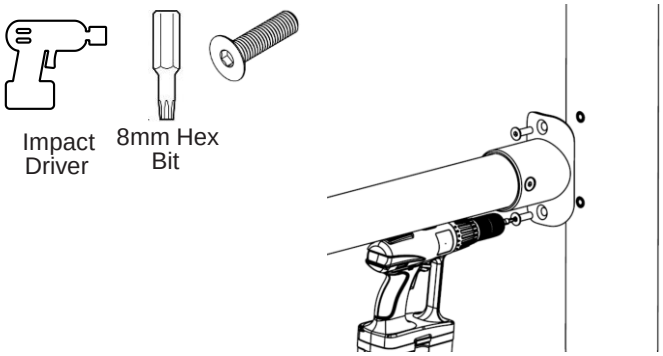
C Insert cut end of rail into 2nd cup. Do not drill through 2nd end (Side B) Repeat for all rails in section.



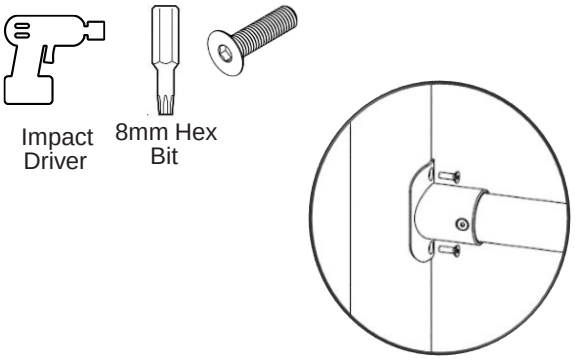
D Lift rail into position keeping side B angled above side A.



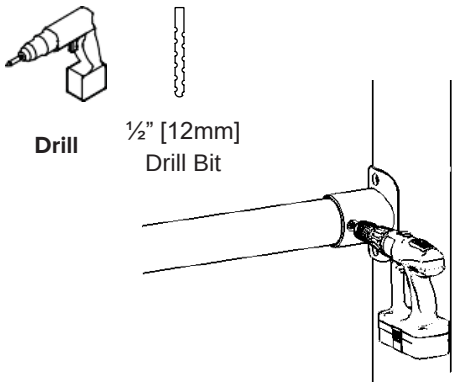
E Align cup holes with threaded holes in post and fasten side B to the lowest open extension holes with 2 x Flat Head Screws



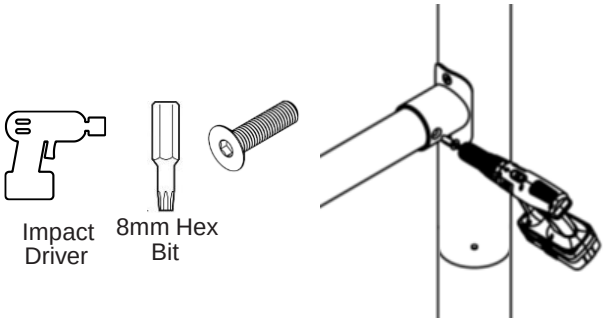
F Attach Side A to the opposite post threaded holes using 2 x Flat Head Screws



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.

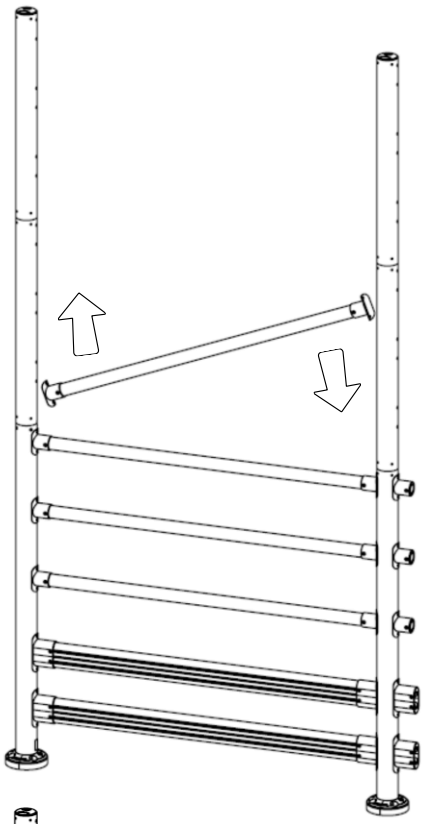


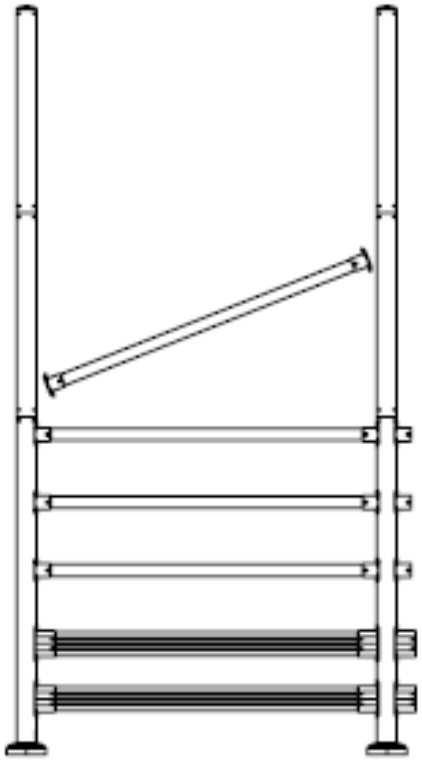
Continue with all rails in section then continue to Step 27.

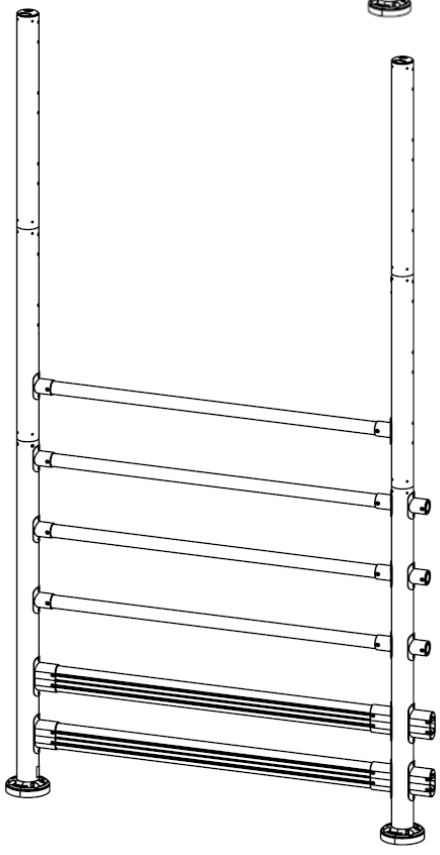
Step 23

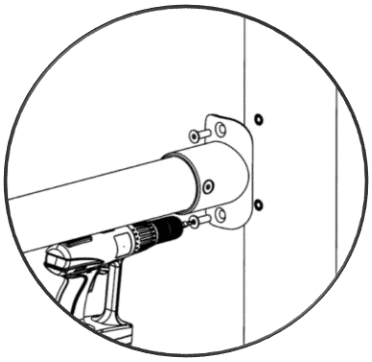
ToppleBarrier176 **<u>standard length rails</u>**
ToppleBarrier244

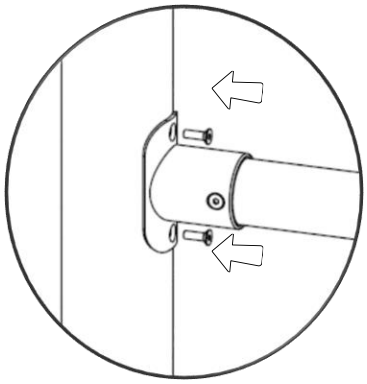
Starting with the bottommost hole set, angle rail-cup assembly to position into place with threaded holes on post.
Fasten each cup with 2 Flat Head screws per cup.

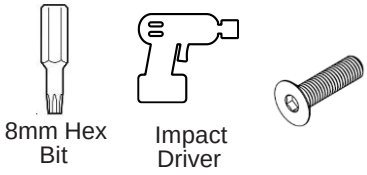






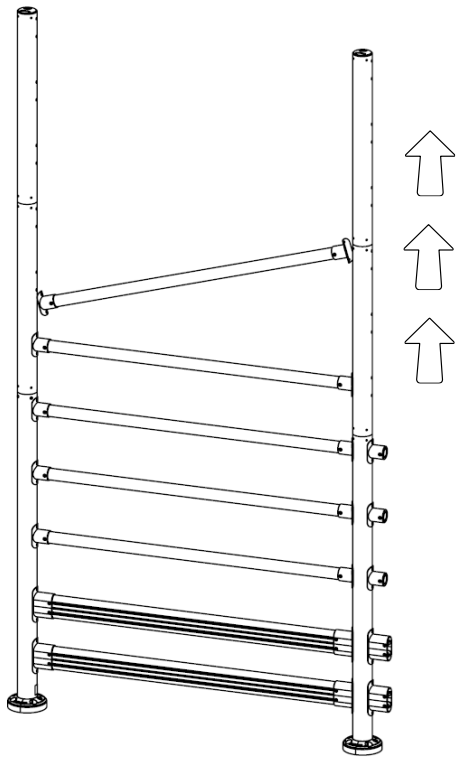






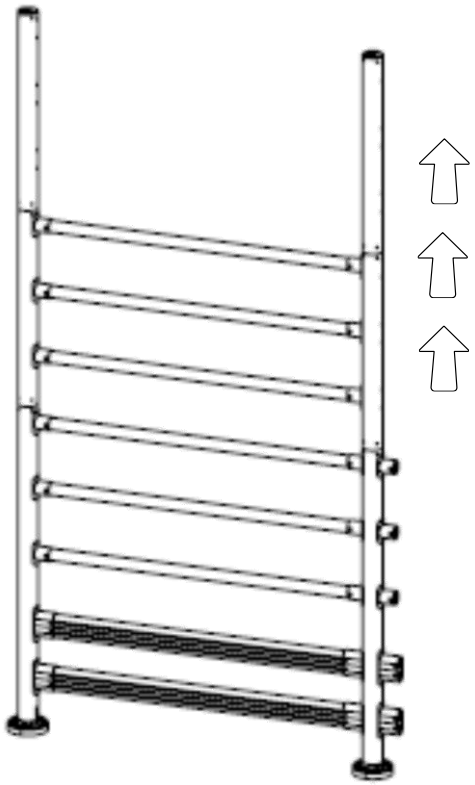
Step 24

ToppleBarrier176
ToppleBarrier244
Install next higher rail



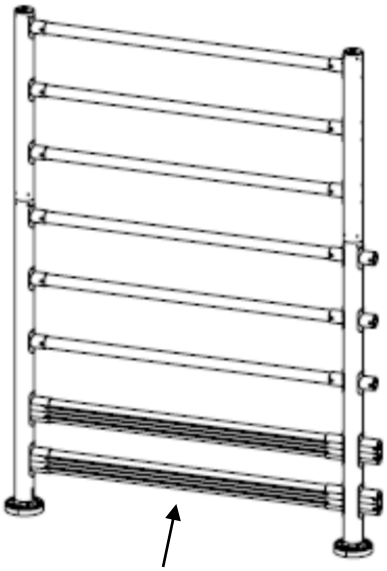
Step 25

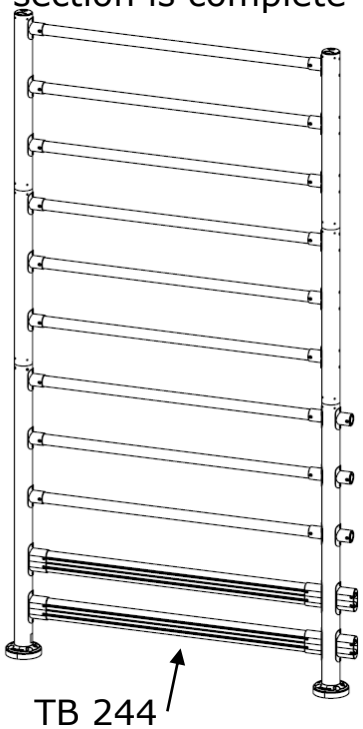
ToppleBarrier176
ToppleBarrier244
Continue to install rails building upwards.

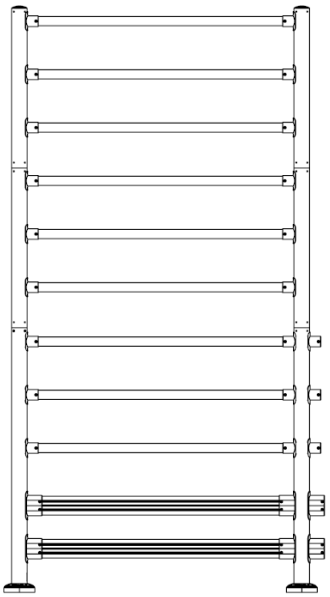


Step 26

ToppleBarrier176
ToppleBarrier244
Install rails upward until first section is complete with top rail installed.


TB176

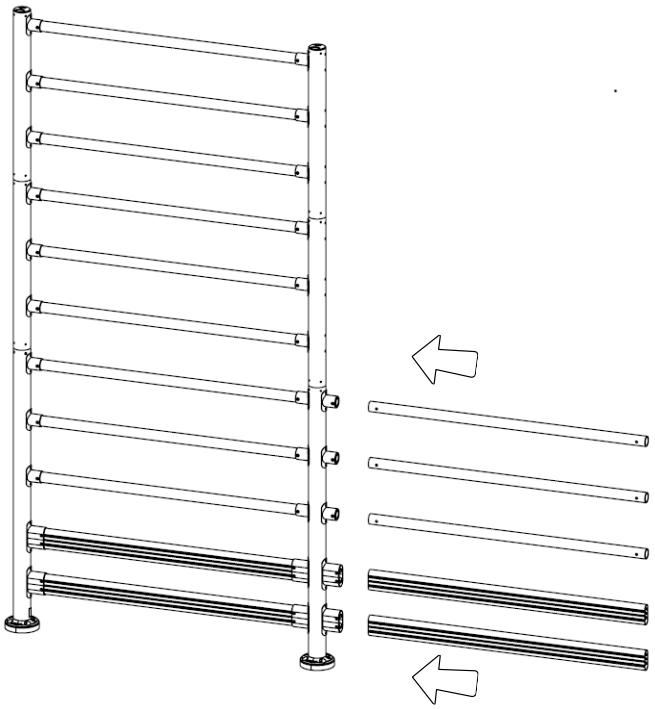

TB 244



Step 27

ToppleBarrier176
ToppleBarrier244

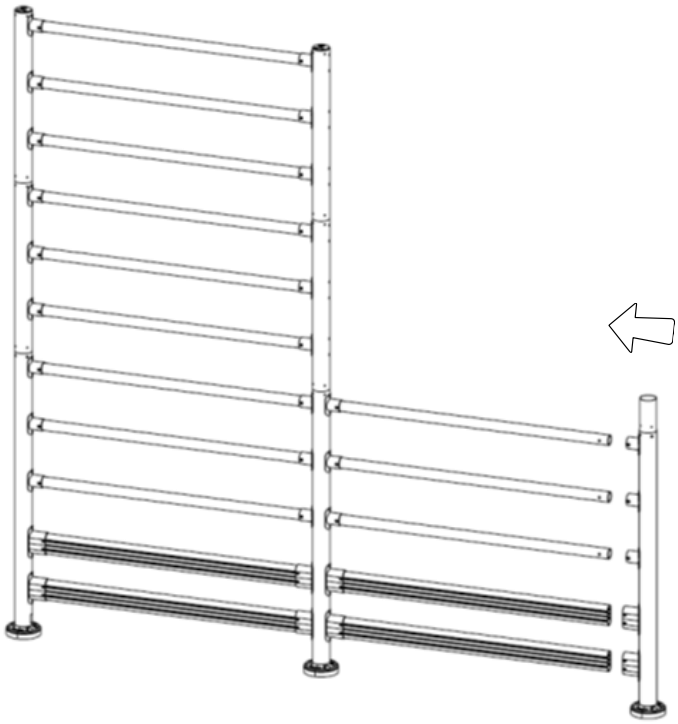
Install next section of lower rails, QTY 2 GuardRail Rails and QTY 3 Round Rails per section. Insert and fasten 1 end of each rail to next TB108 post in continuous run per steps 5-7.



Step 28

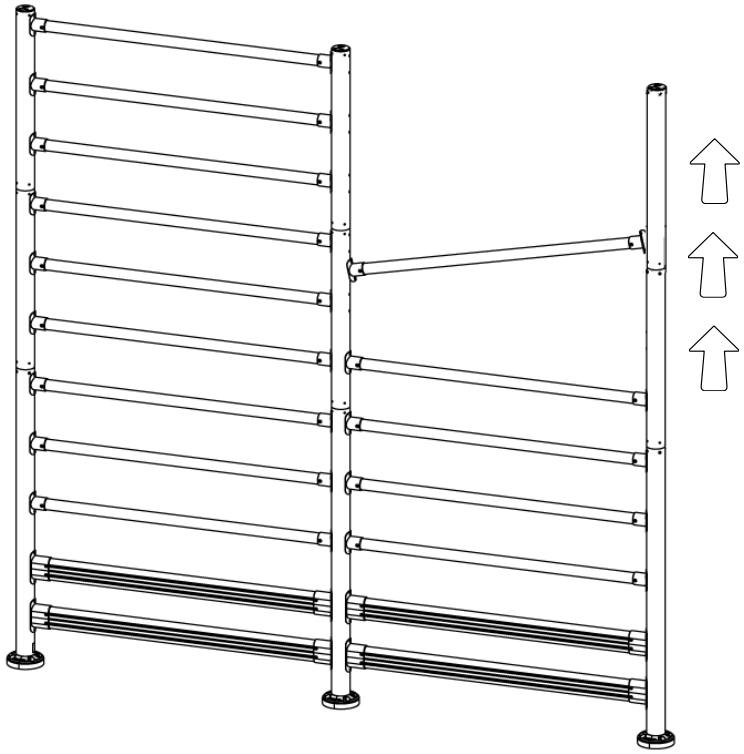
ToppleBarrier176
ToppleBarrier244

Install next TB108 post per steps 10-12.



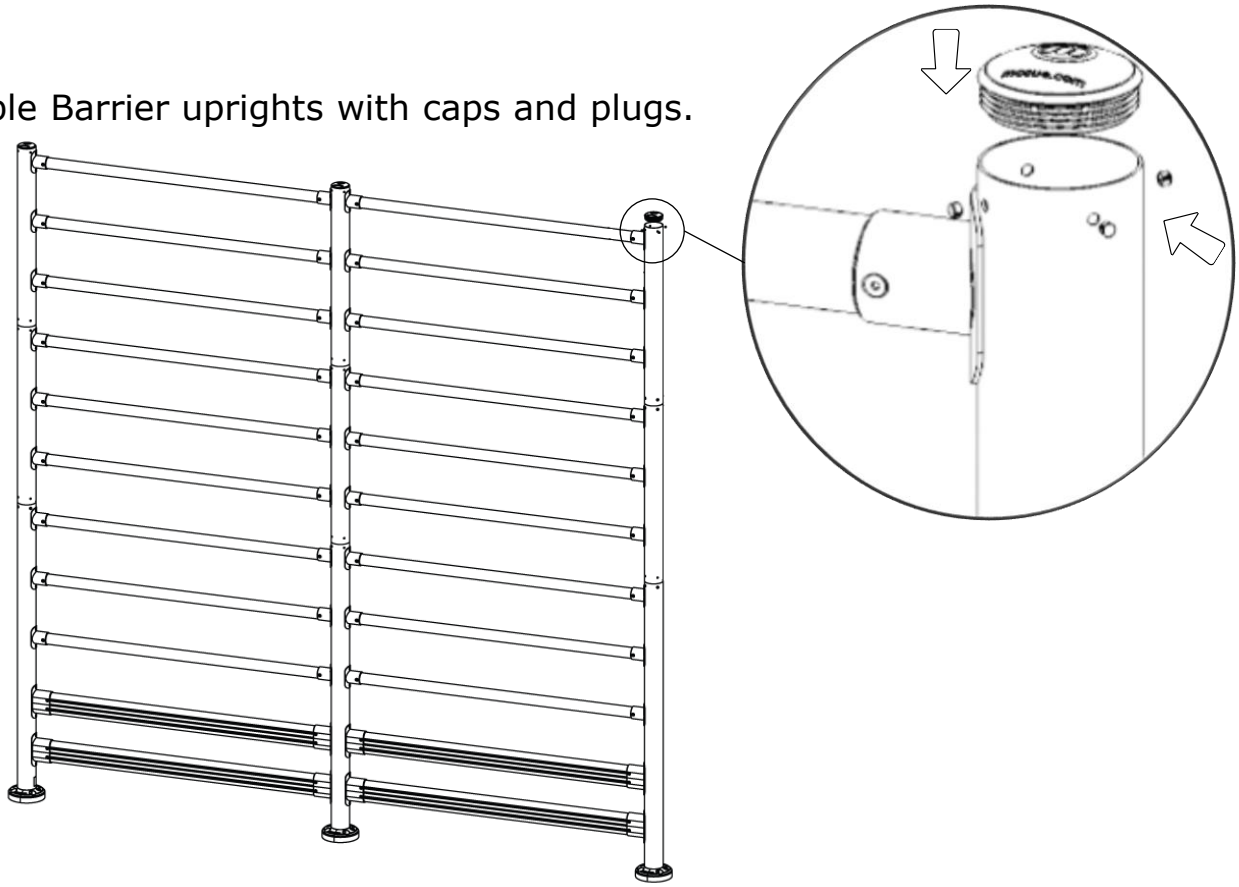
Step 29

Repeat step 19-28 until full run is completed

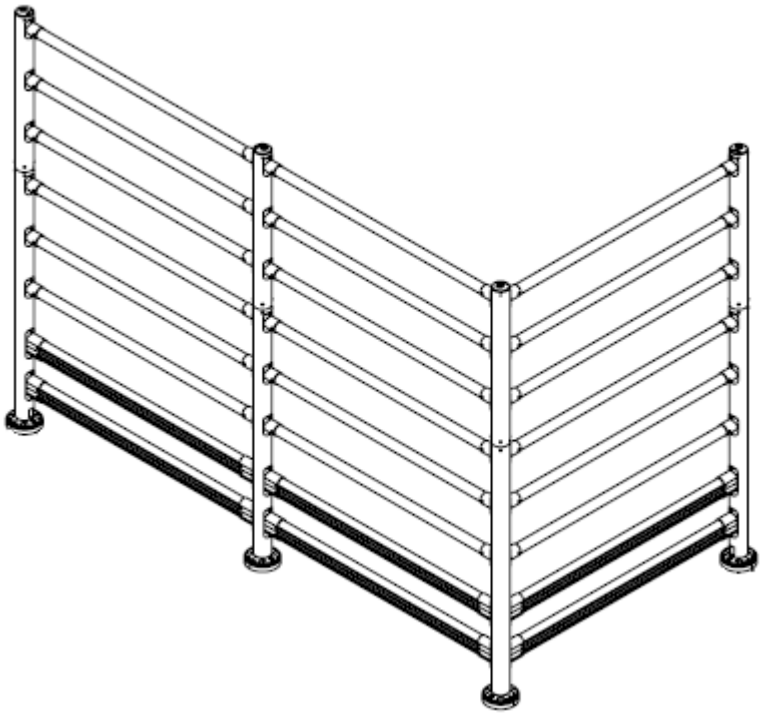


Step 30

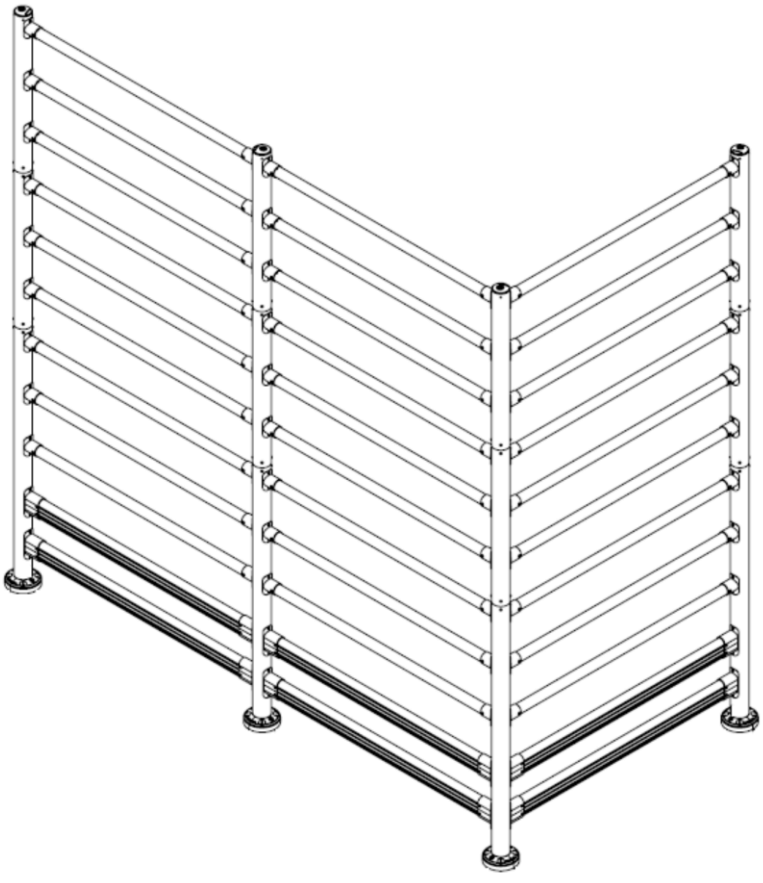
Finish Topple Barrier uprights with caps and plugs.



ToppleBarrier176 Complete

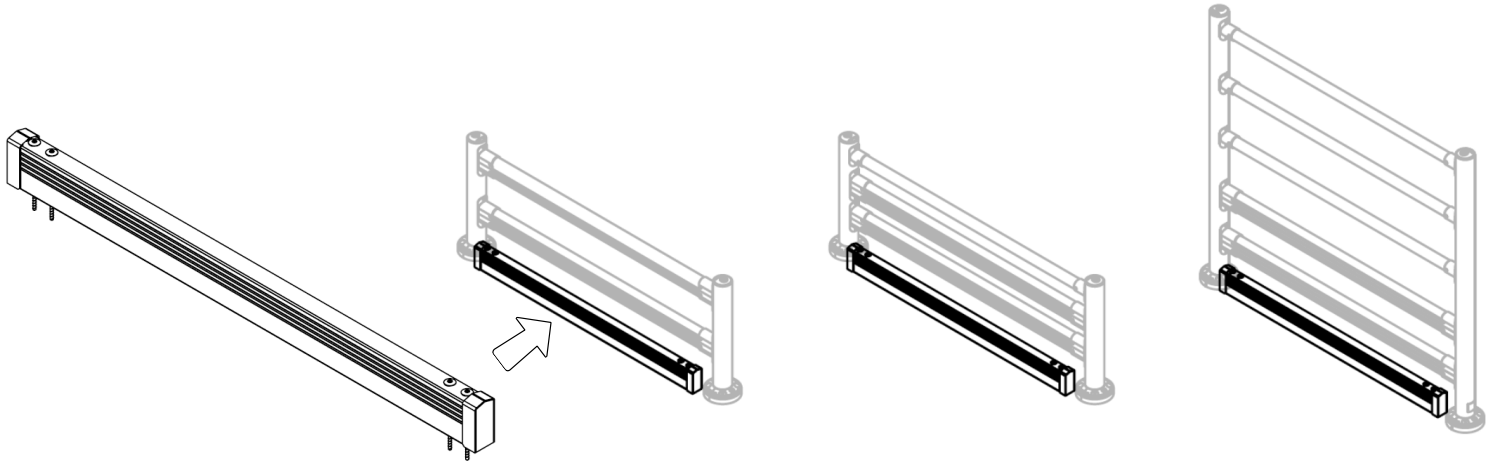


ToppleBarrier244 Complete

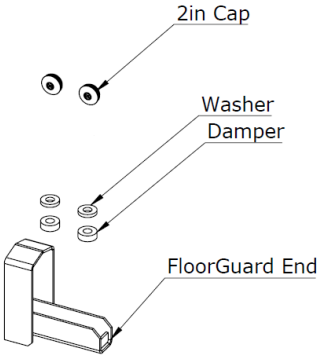


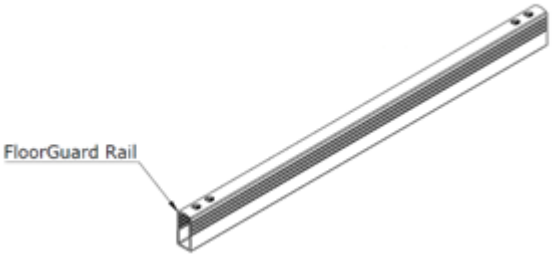
SafeStop ToppleBarrier with FloorGuard

INSTALLATION INSTRUCTIONS

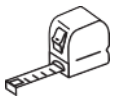


Components





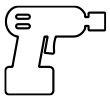
Required Tools

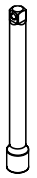

Tape Measure

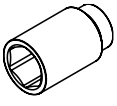

Chalk

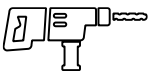

Chalk Line


Vacuum


Impact Driver


Socket Extension

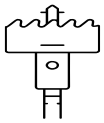

6-Point Socket
¾" Socket (US)
17mm Socket (SI)


Hammer Drill


½" [12mm] Masonry Bit

For Custom Width Sections:


Drill


1.875" [48mm] Hole Saw


0.875" [24mm] Drill Bit


Circular Saw

Questions

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

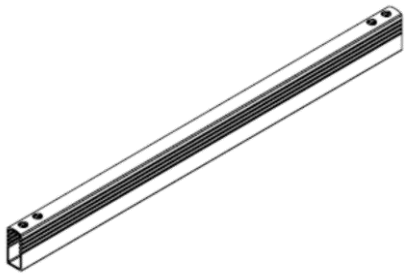
McCue UK & Europe
Milton Keynes, United Kingdom
+44 (0)1908 365 511
uksales@mccue.com

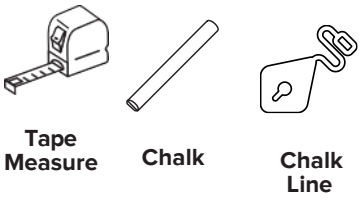
McCue Asia
迈客(厦门)有限公司
Xiamen, Fujian, China
+86-592-2200790

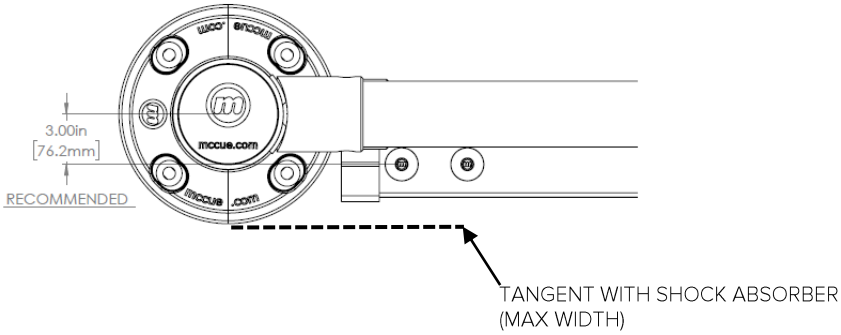
mccue.com

Step B-1

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

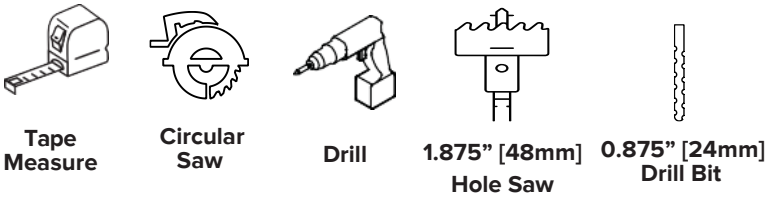


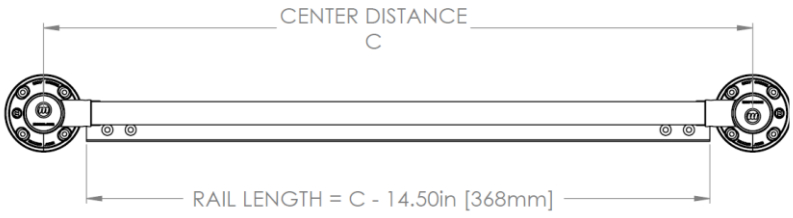


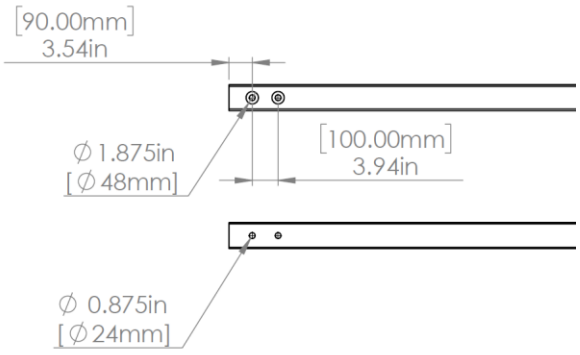


Step B-2

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.



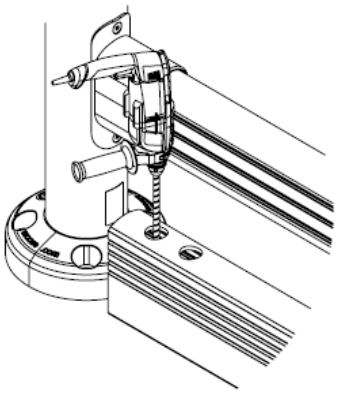


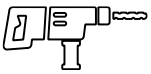


Step B-3

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



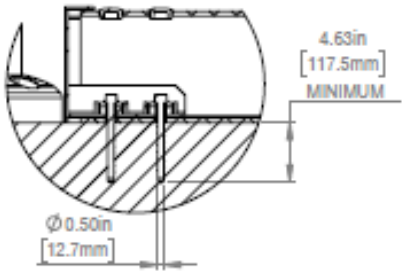




Hammer Drill
With ½"
[12mm]
Masonry Bit



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).

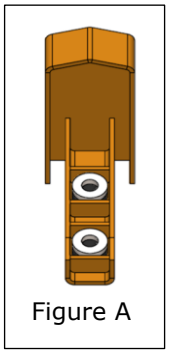
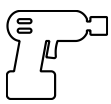


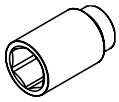
Figure A



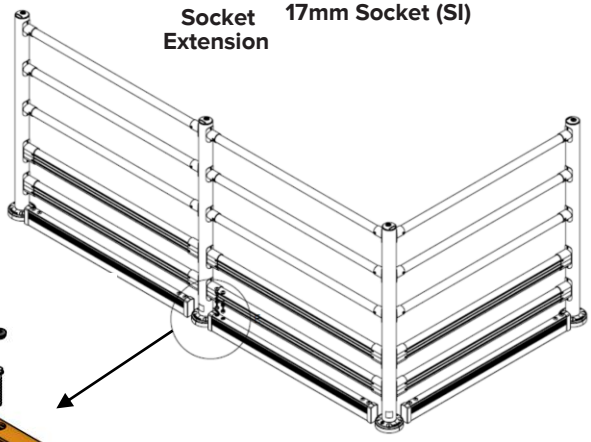
Impact
Driver



Socket
Extension



6-Point Socket
¾" Socket (US)
17mm Socket (SI)



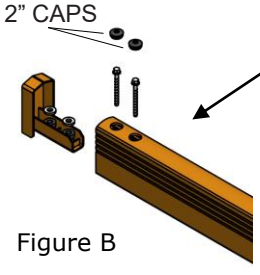


Figure B

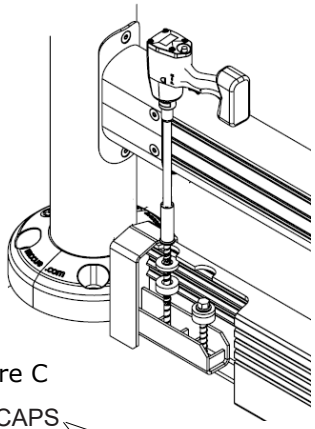


Figure C

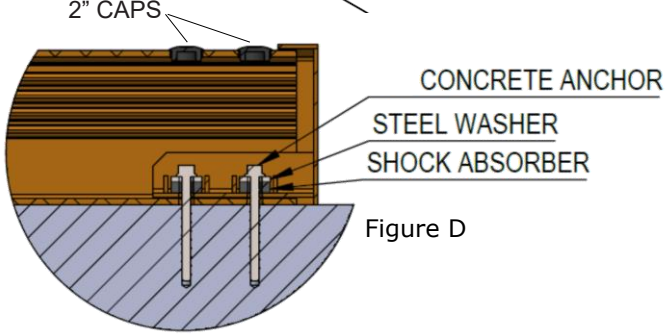
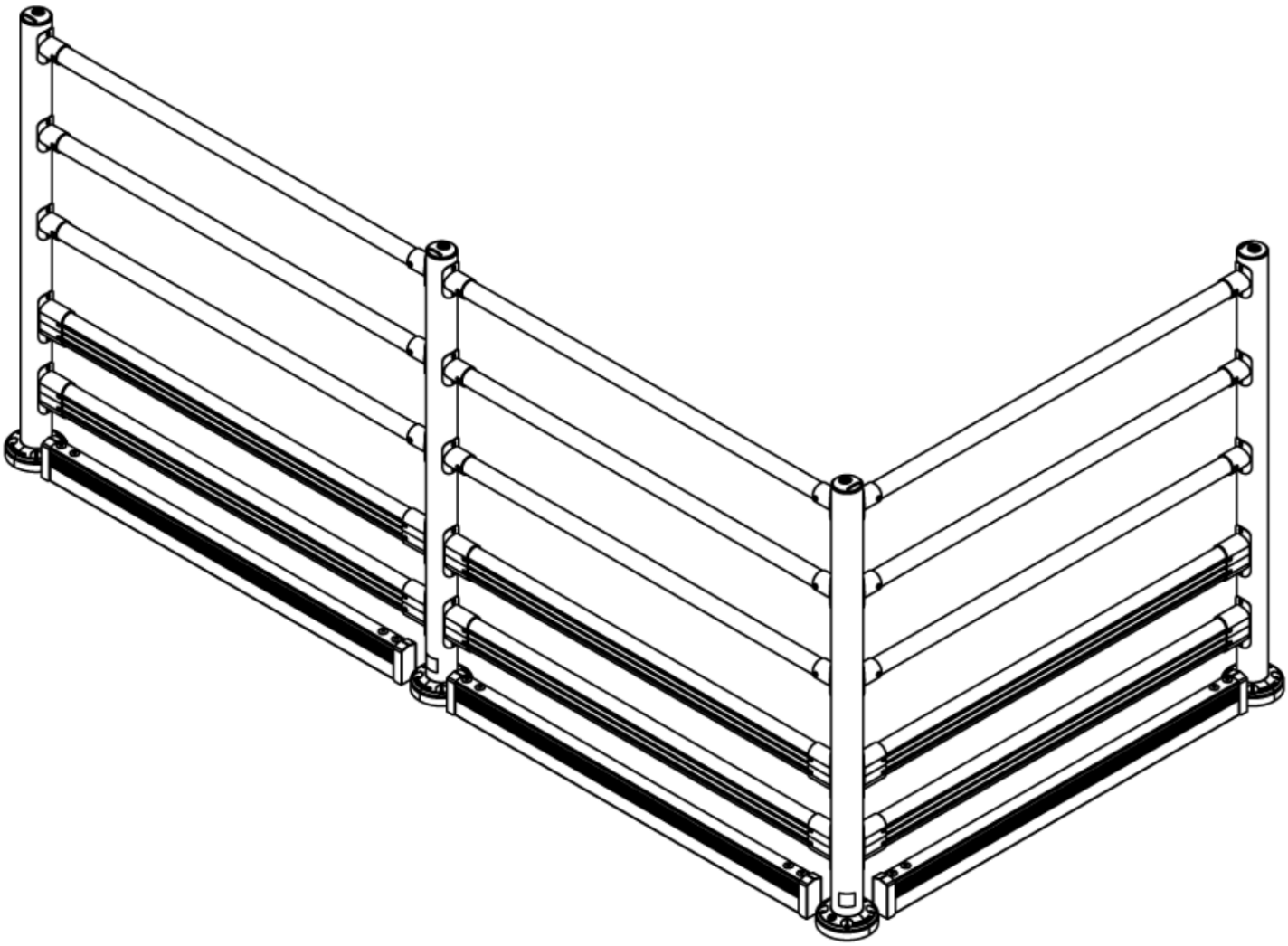


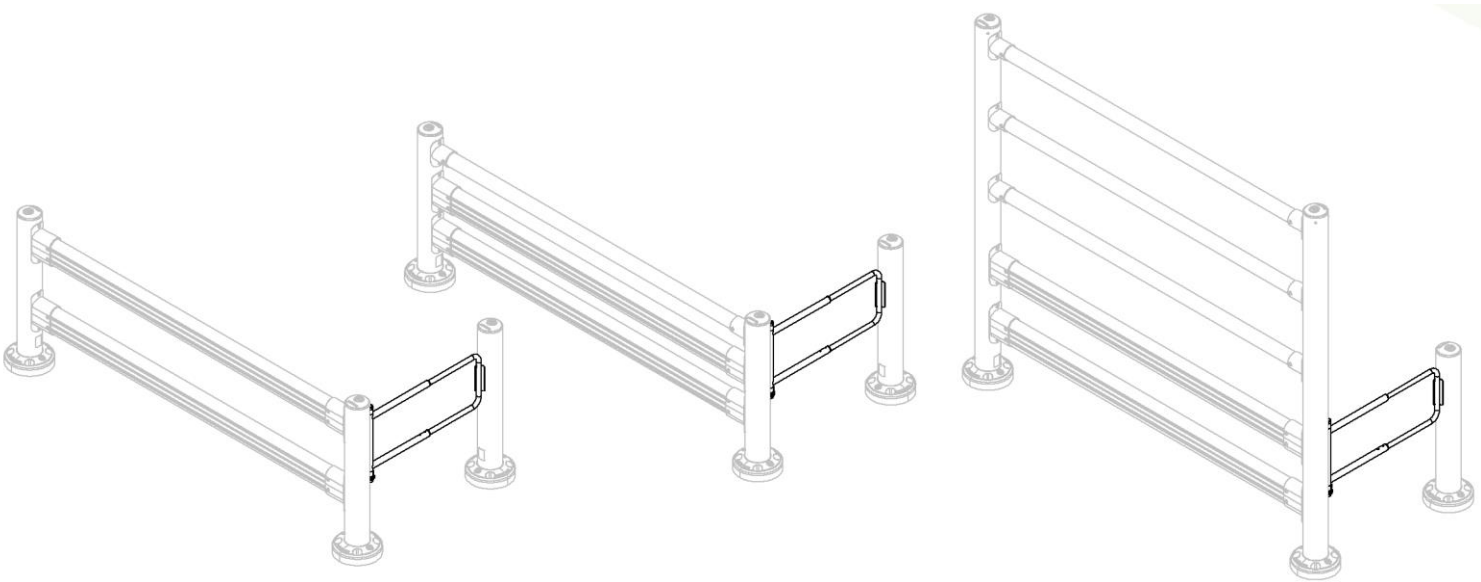
Figure D

Complete

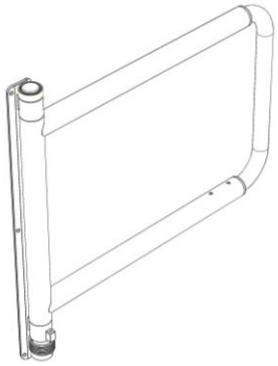


SafeStop
Pedestrian Swing Gate Add On Kit

INSTALLATION INSTRUCTIONS



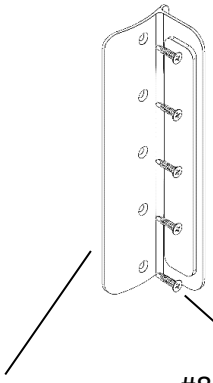
Components



GATE



#12 X 1" HEX HEAD
SELF DRILLING SCREWS



STOPPER

#8 X ¾" PHILLIPS HEAD
SELF DRILLING SCREWS

Required Tools



#14(0.1820")
Drill Bit



#29(0.1360")
Drill Bit



5/32″
Allen Key



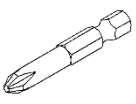
Pencil



Razor
Knife



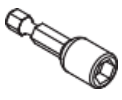
Tape
Measure



Phillips
Bit No.2



Drill or
Impact



Nut Driver
With 5/16″ Bit

Questions

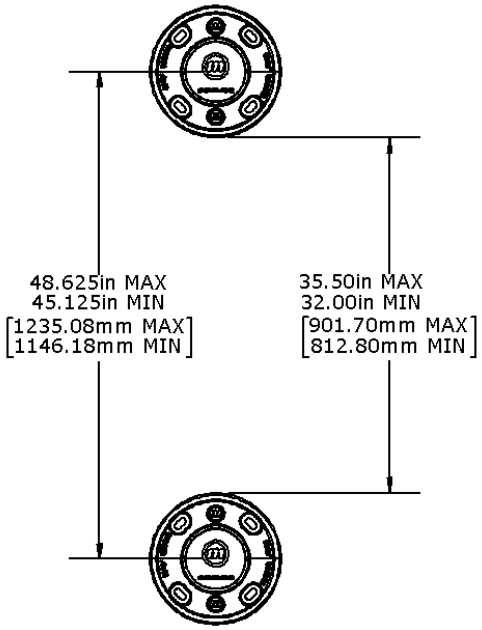
McCue Corporation
Danvers, Massachusetts, USA
+1 (800) 800 8503
customercare@mccue.com

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

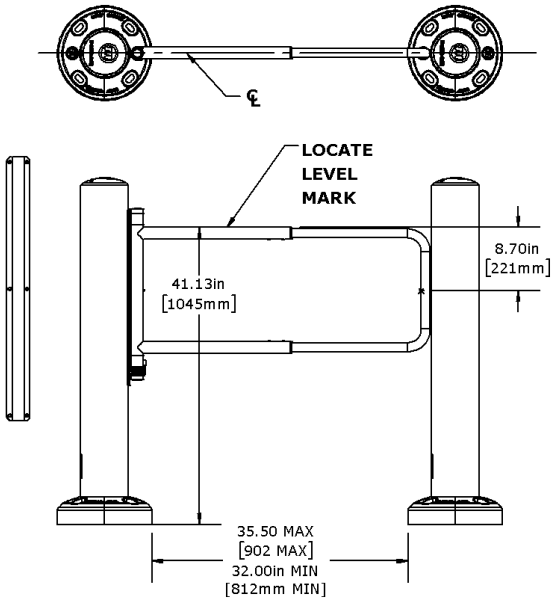
mccue.com

Step 1



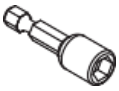
Install SafeStop Products with acceptable spacing as shown above. Refer to product specific installation instructions for Installation procedures.

Step 2

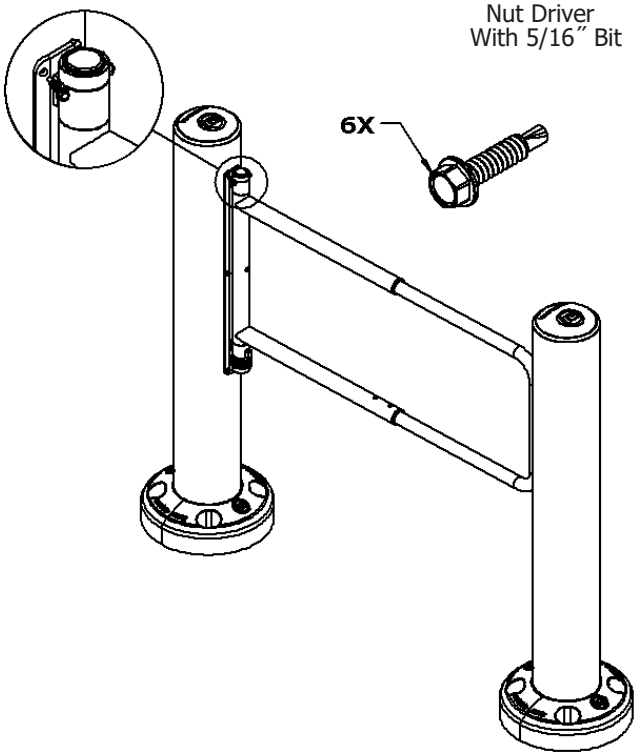


Locate gate on center and mark all the mounting hole locations.

Step 3

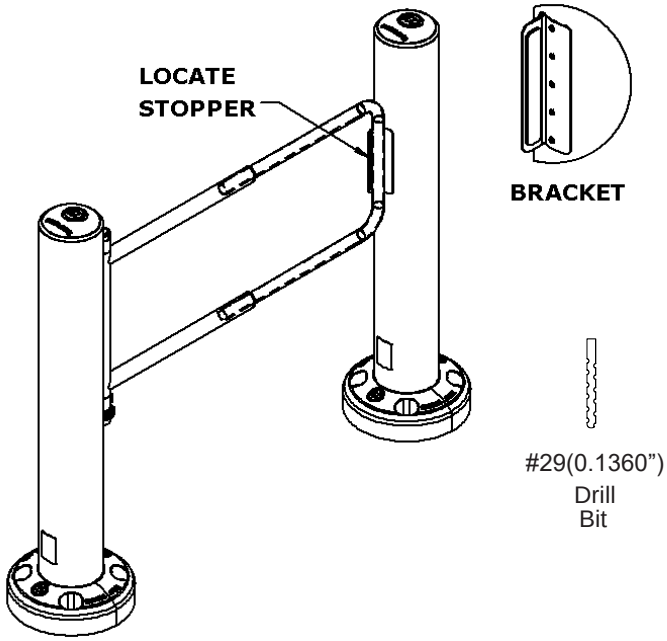


Nut Driver
With 5/16″ Bit



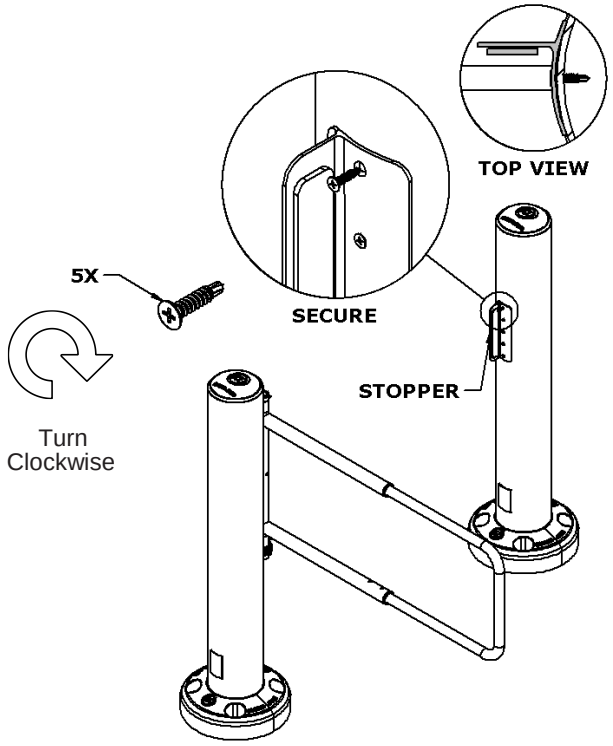
Secure using 5/16” Nut driver bit until flush. Do not over torque.

Step 4



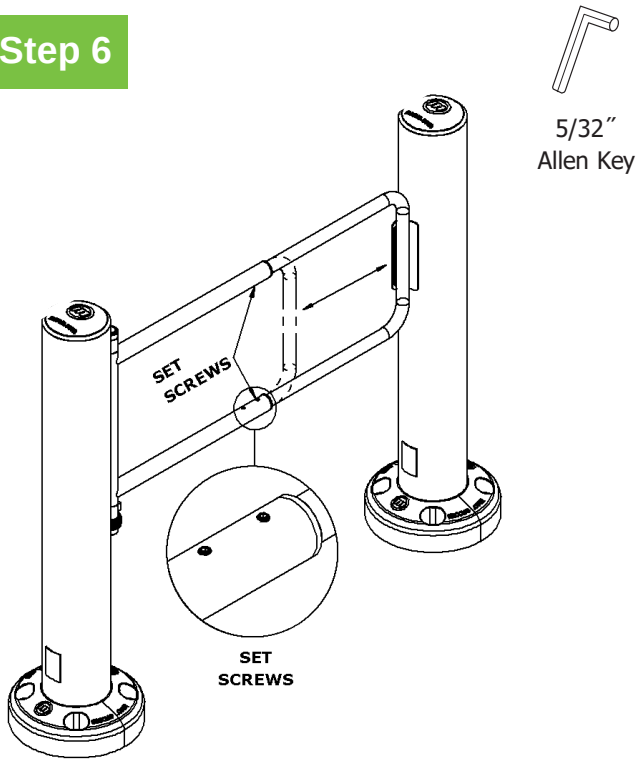
Mark hole locations and drill pilot holes using #29 drill bit.

Step 5

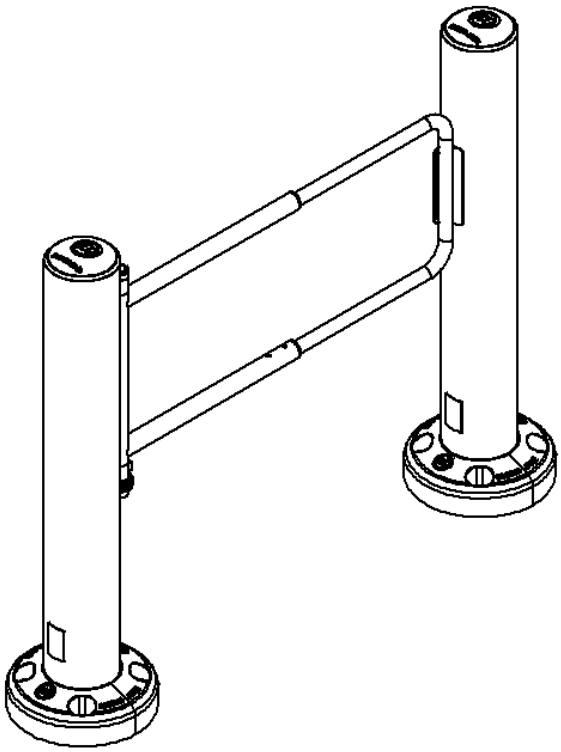


Secure using a drill with a Phillips bit until all screws are flush. Do not over torque.

Step 6

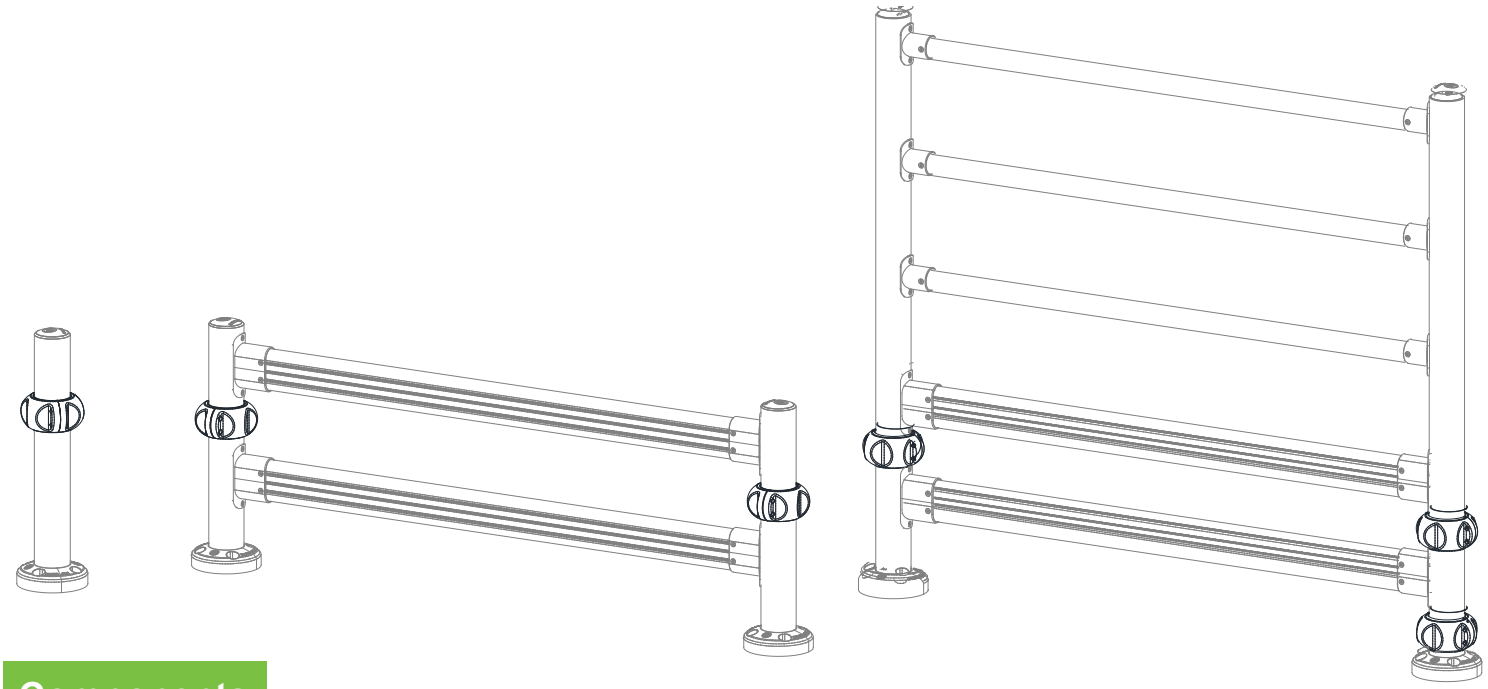


Telescoping arm can be adjusted by loosening set screws. Secure arm by tightening all set screws.

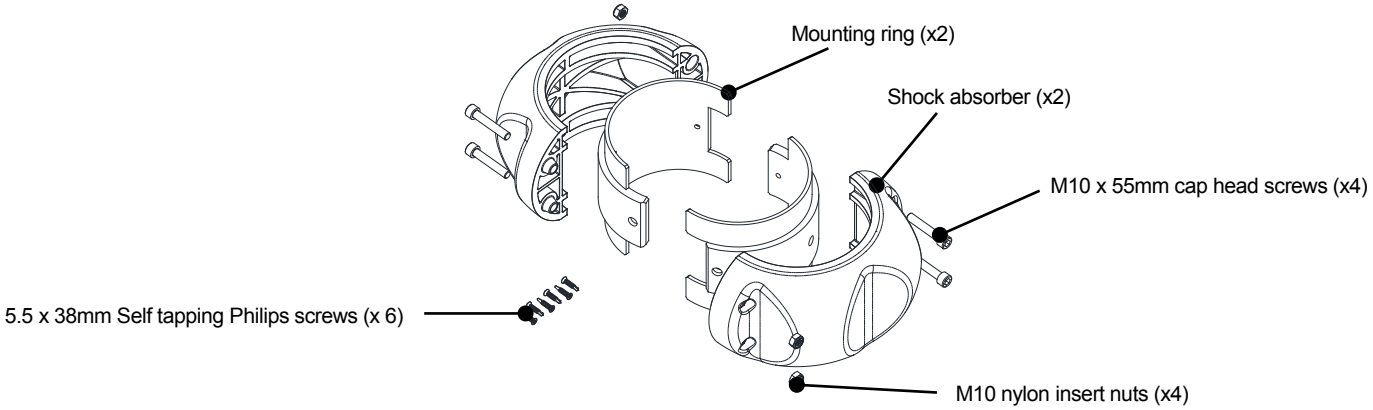


SafeStop
Spinner Add On

INSTALLATION INSTRUCTIONS



Components

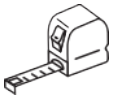


Kit: SSA-K-SPN

Required Tools



Pencil/ marker



Tape Measure



Drill



4mm [5/32”] HSS Drill Bit



Phillip’s Screwdriver/drill bit



8mm Allen Key

Questions

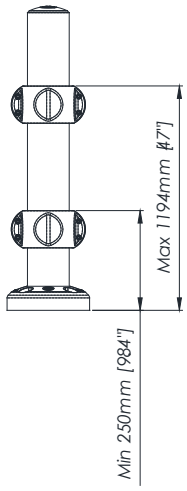
McCue Corporation
Danvers, Massachusetts, USA
+1 (800) 800 8503
customercare@mccue.com

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

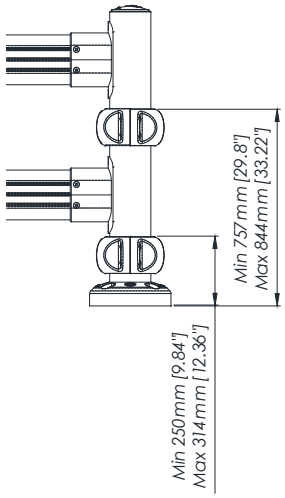
McCue Asia
迈客(厦门)有限公司
Xiamen, Fujian, China
+86-592-2200790

mccue.com

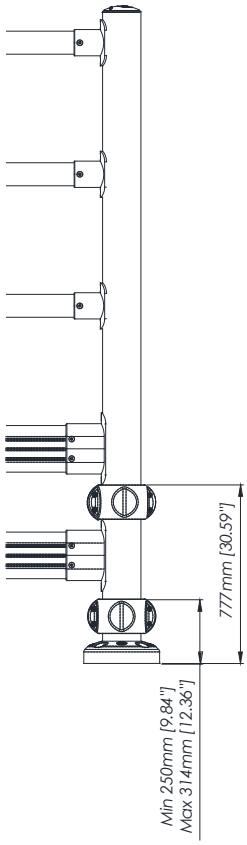
Recommended Install Heights



SafeStop Bollard

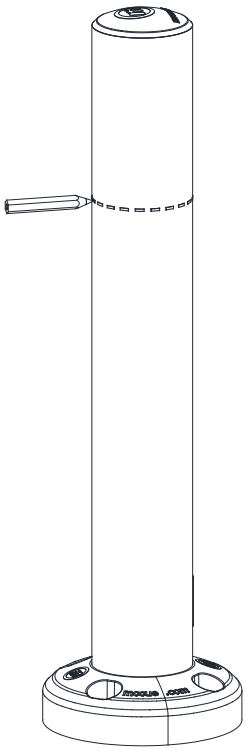


SafeStop GuardRail



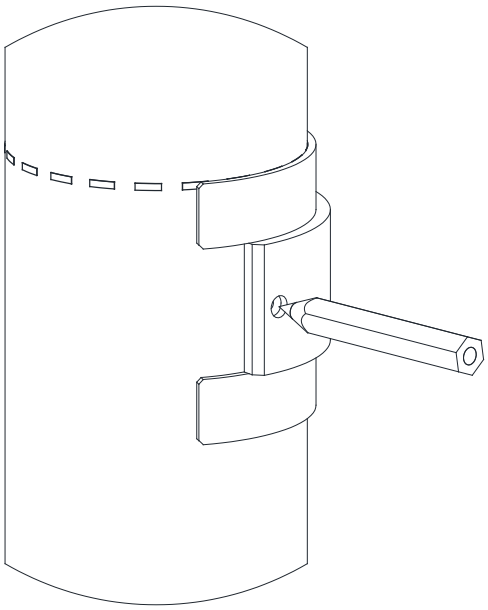
SafeStop Topple Barrier

Step 1



Measure and mark out the top height required for the Spinner

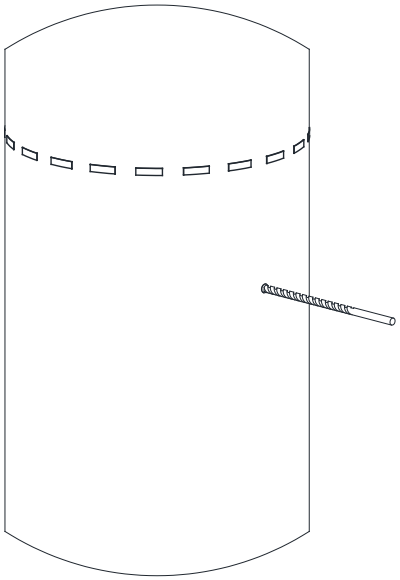
Step 3



Position the 1st half of the mounting ring ensuring it is straight marking the 3-hole locations

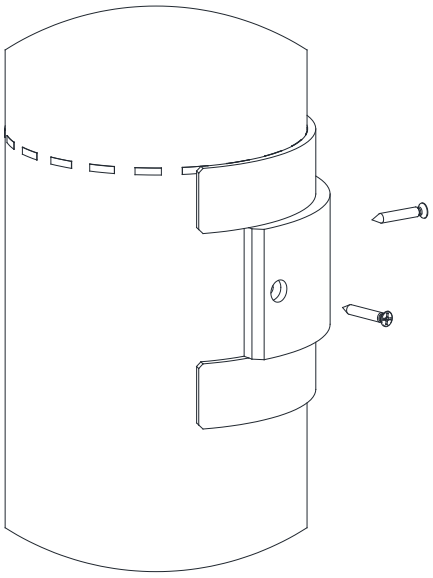
---

Step 4



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

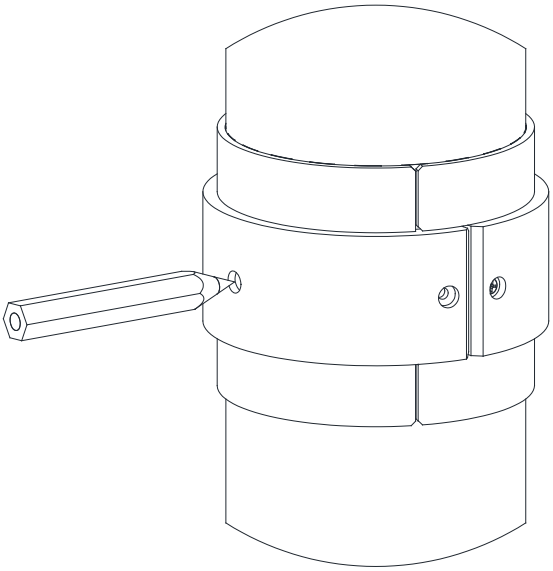
Step 4



Using the self tapping screws supplied reposition and secure the 1st half of the mounting ring

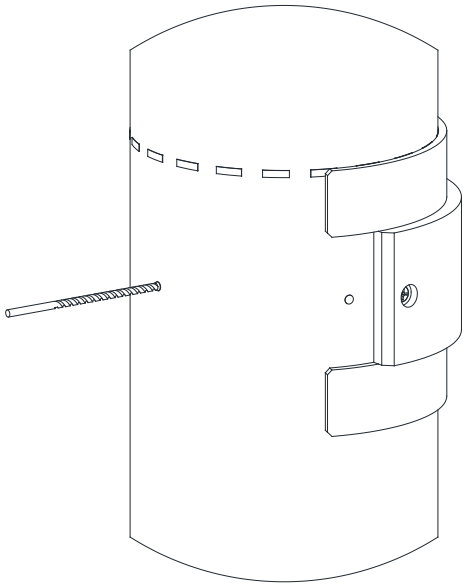
---

Step 3



Position the 2nd half of the mounting ring and mark the 3-hole locations

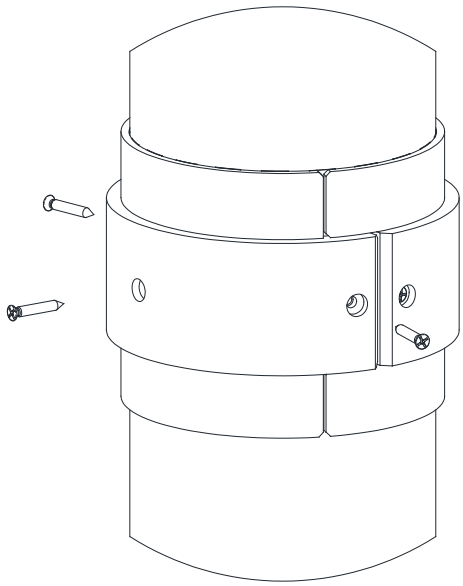
Step 4



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

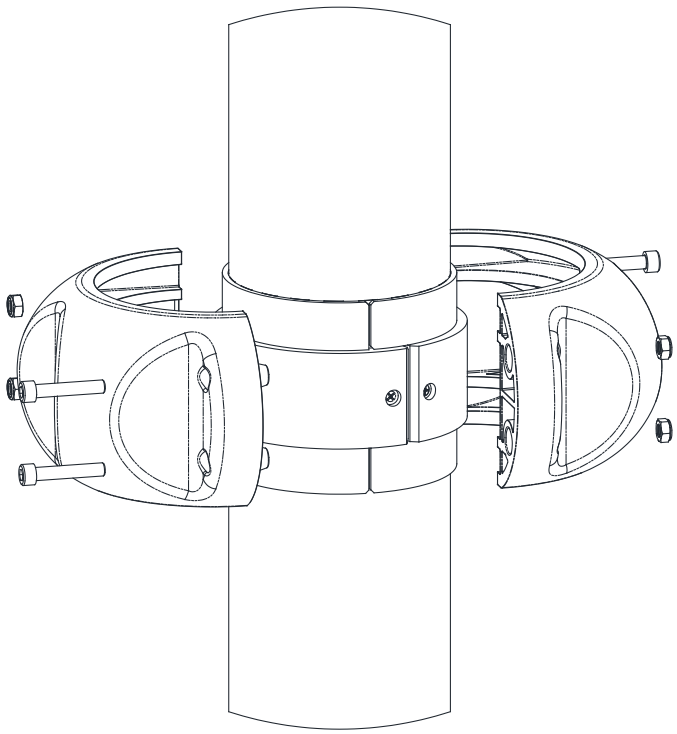
---

Step 5



Using the self tapping screws supplied reposition and secure the 2nd half of the mounting ring

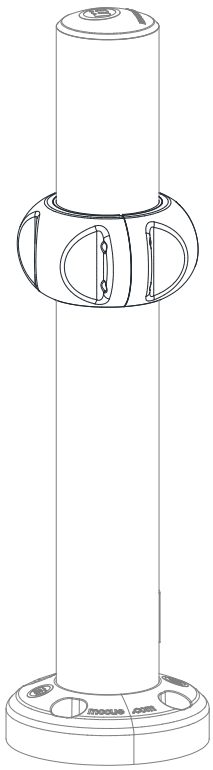
Step 7



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

---

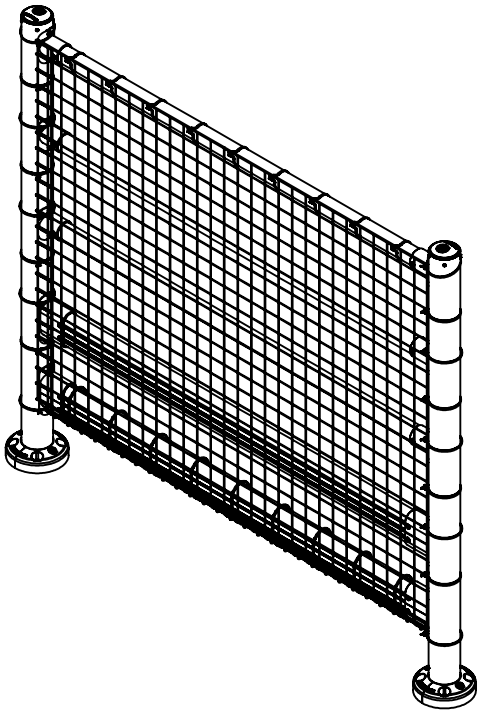
Step 8



Installation Complete

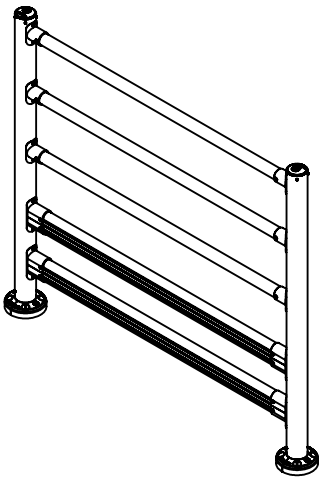
SafeStop ToppleBarrier Netting

Installation Instructions

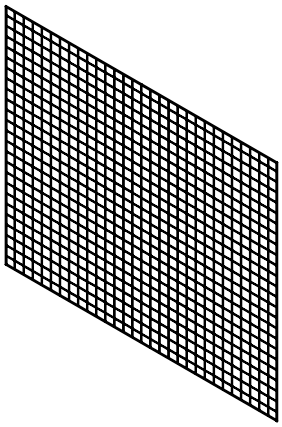


Note: Netting must be installed on the rear face of the ToppleBarrier to prevent snagging on stored or stacked items, unless otherwise agreed with the end user.

Components

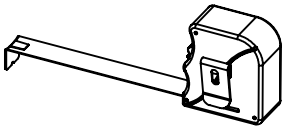


TOPPLEBARRIER
*ALREADY INSTALLED

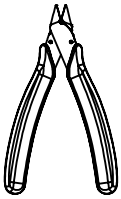


120" X 96" NETTING

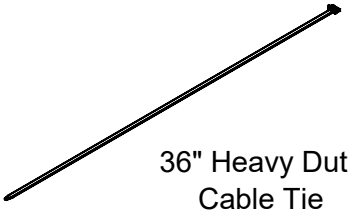
Required Tools



Tape Measure



Snips



36" Heavy Duty Cable Tie

Questions

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

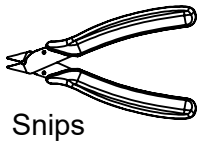
McCue UK
Milton Keynes, United Kingdom
+44 (0)1908 365 511
uksales@mccue.com

McCue Asia
Xiamen, Fujian, China
+8 592 2200790
rchen@mccue.com

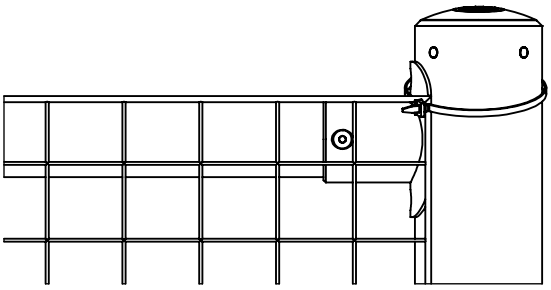
McCue Europe
Magirus-Deutz-Straße 14
89077 Ulm, Germany
+49 731 40 38 82 68
eusales@mccue.com

mccue.com

Step 1

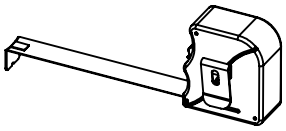


Snips

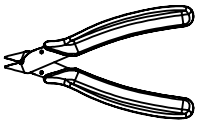


Align the netting with the top of the upper rail and the internal face of the post, in line with the cup fixing. Secure the netting to the post just above the cup using a cable tie (RH post first) and snip the remaining cable tie close to the junction, ensuring no sharp edges.

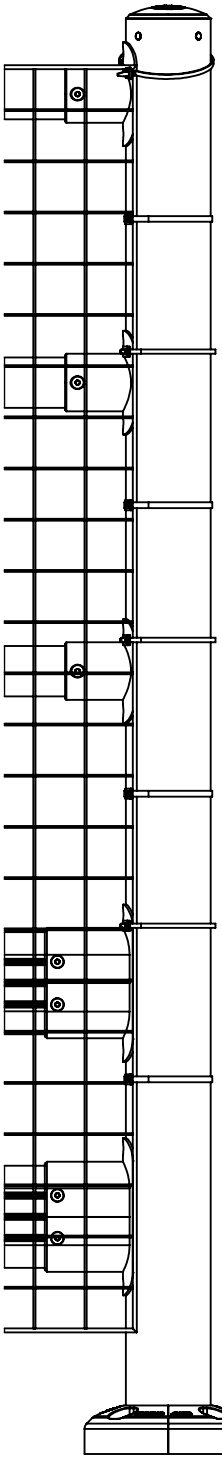
Step 2



Tape Measure



Snips



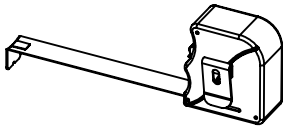
Attach the netting to the post at 12" intervals working from the top right corner tie, completed in Step 1.

If a cup position disrupts the spacing, fit the cable tie above the rail/cup and restart the 12" spacing from this fitting point.

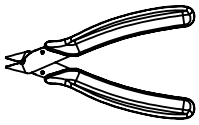
Ensure all cable ties are snipped close to the junction, with no sharp edges.

Do not secure the bottom right corner at this stage.

Step 3



Tape Measure

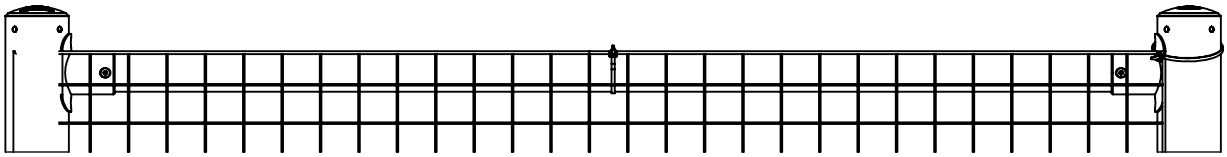


Snips

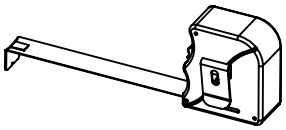


Marker

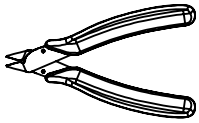
Measure the top rail and mark the centre point.
Attach the netting, aligning the top of the netting with the top of the rail, and fitting with a cable tie to the centre of the top rail. Ensure all cable ties are snipped close to the junction, with no sharp edges.



Step 4



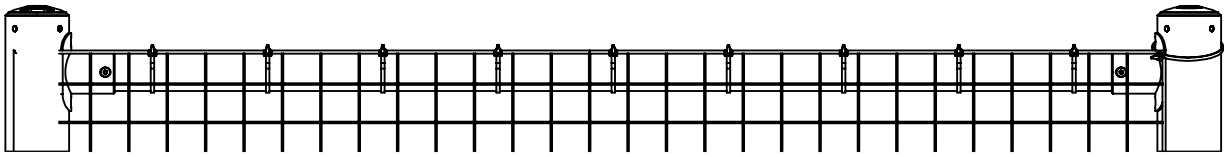
Tape Measure



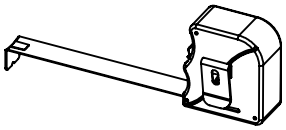
Snips

From the central cable tie, attach the netting at 12" intervals across the top rail, and secure with cable tie. Ensure all cable ties are snipped close to the junction, with no sharp edges.

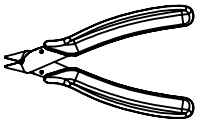
Do not secure the top left corner at this stage.



Step 5



Tape Measure

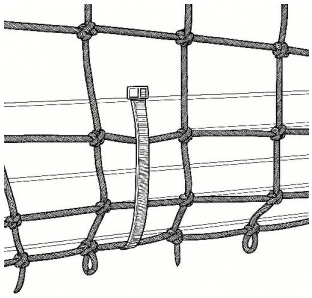


Snips

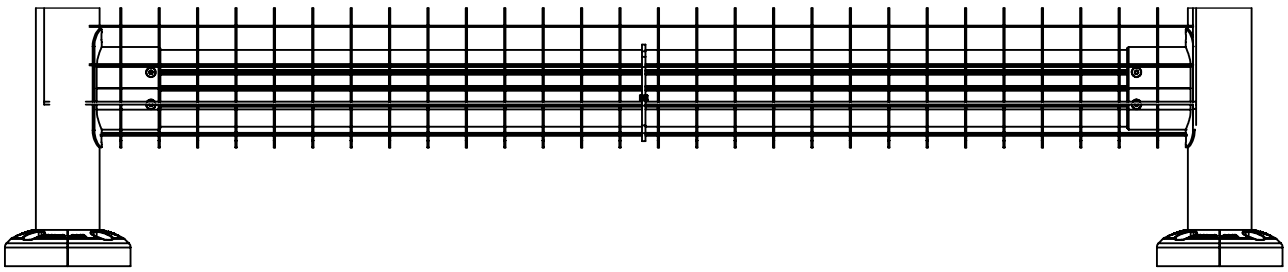


Marker

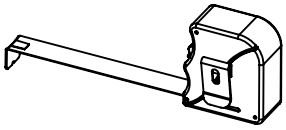
Measure the lower GuardRail and mark the centre point.
Fold the netting to align the netting with the bottom face of the GuardRail, as shown, and secure with a cable tie at the centre point. Ensure the cable tie is snipped close to the junction, with no sharp edges



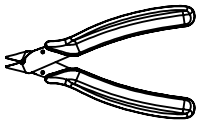
Netting Folding Detail



Step 6



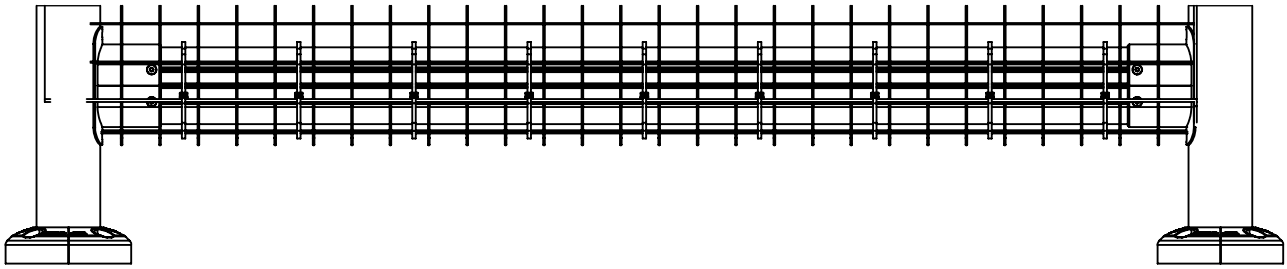
Tape Measure



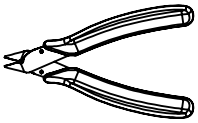
Snips

From the central cable tie, attach the netting at 12" intervals across the GuardRail, and secure with cable tie. Ensure all cable ties are snipped close to the junction, with no sharp edges.

Do not secure the bottom left or right corners at this stage.



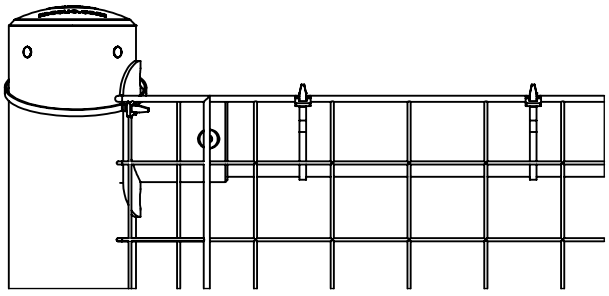
Step 7

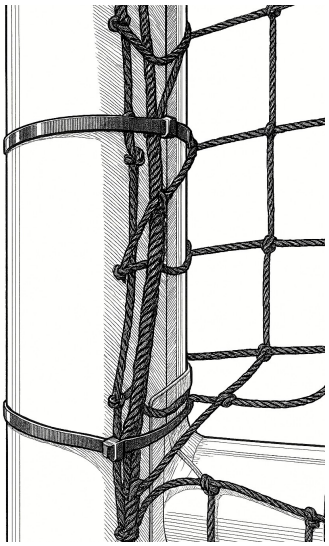


Snips

Fold the netting on the left hand side (LHS) over one square, so that the edge of the netting aligns with the inside of the post, matching the right hand side (RHS).

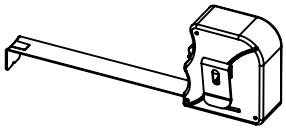
Secure the top left corner of the netting to the post, just above the cup, with a cable tie, and snip any excess, close to the junction, ensuring no sharp edges.



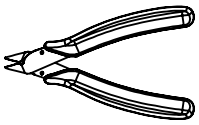


Netting Folding Detail

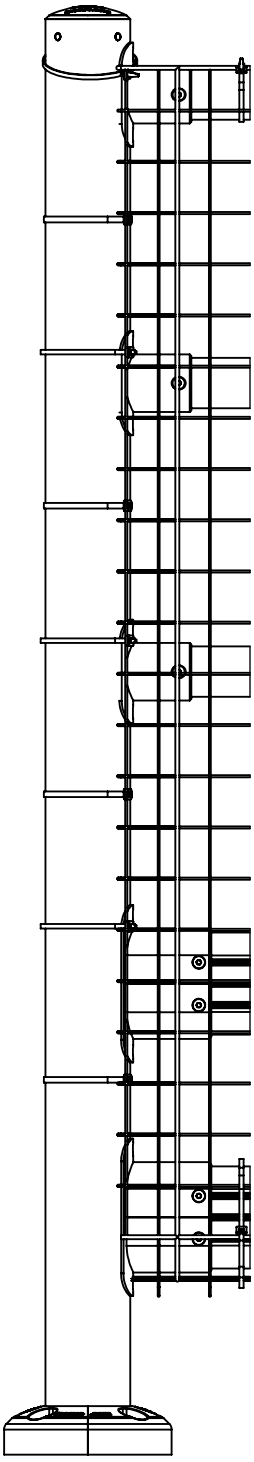
Step 8



Tape Measure



Snips



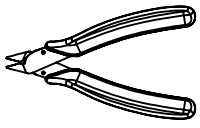
Attach the netting to the post at 12" intervals working from the top left corner tie, completed in Step 7.

If a cup position disrupts the spacing, fit the cable tie above the rail/cup and restart the 12" spacing from this fitting point.

Ensure all cable ties are snipped close to the junction, with no sharp edges.

Do not secure the bottom left corner at this stage.

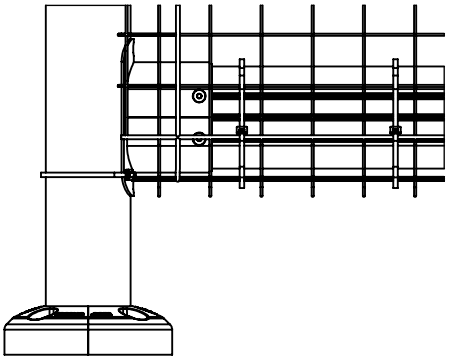
Step 9



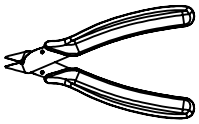
Snips

Secure the bottom left corner of the netting, with the side and bottom netting folded, with a cable tie around the post, fixing to the underside of the bottom GuardRail cup.

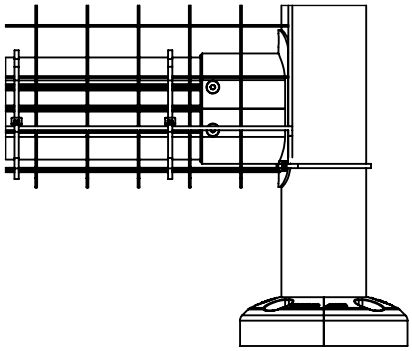
Ensure cable tie is snipped close to the junction, with no sharp edges.



Step 10



Snips



Secure the bottom right corner of the netting, with the bottom netting folded, with a cable tie around the post, fixing to the underside of the bottom GuardRail cup.

Ensure cable tie is snipped close to the junction, with no sharp edges.

Installation Complete

