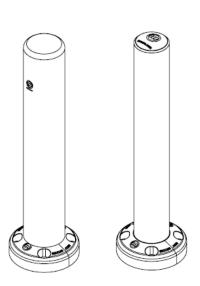
# SafeStop Bollard 15

### **INSTALLATION INSTRUCTIONS**





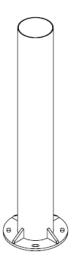
Components (components vary by install)



**Shock Absorbers** 



Washers & Anchors

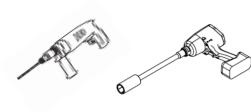


**Bollard Post** 



Cap or Post Cover

**Tools Required** 







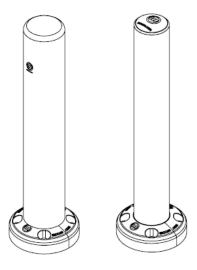
- ☐ Hammer Drill with ½" [12mm]
  Concrete/Masonry Drill Bit
- ☐ Impact Driver with ¾" [19mm]
  Socket
- ☐ Pencil/Marker
- □ Vacuum
- ☐ Tape Measure
- ☐ PPE





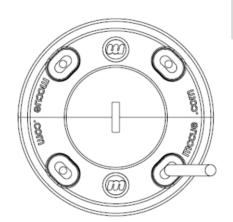
- PPE recommended: High visibility vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.
- Clean concrete dust by running the vacuum during drilling.

These instructions are for multiple versions of the SafeStop bollard. For simplicity only one version will be shown in each step.

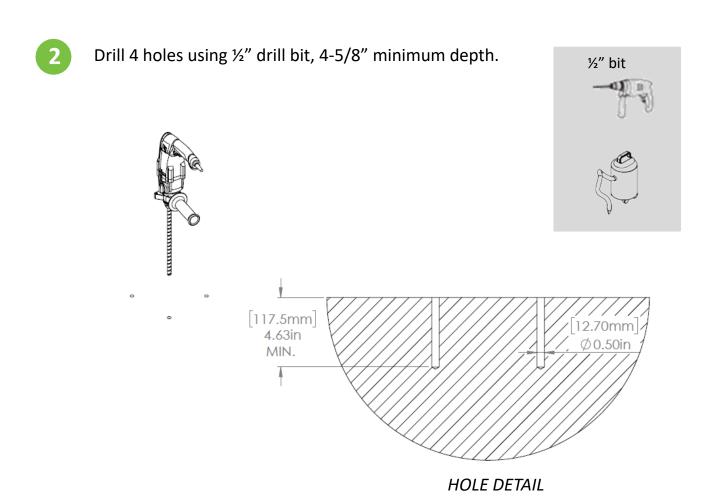


Select bollard location. Use Shock Absorber pieces to mark holes.

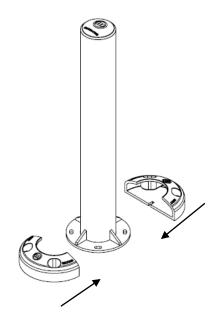




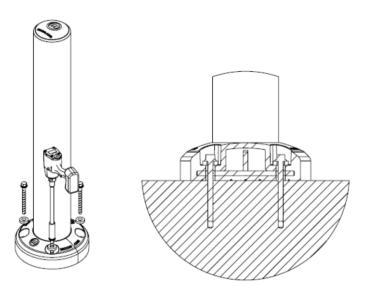




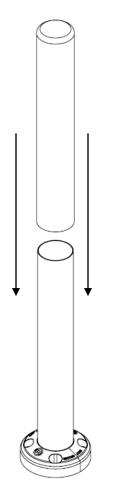
3 Install shock absorbers over baseplate.



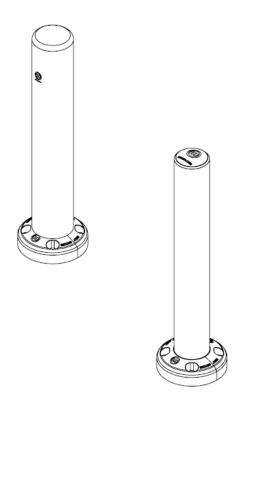
Move bollard post into place. Fasten to floor using ½" concrete anchors through washers.



Install post cover (if applicable).



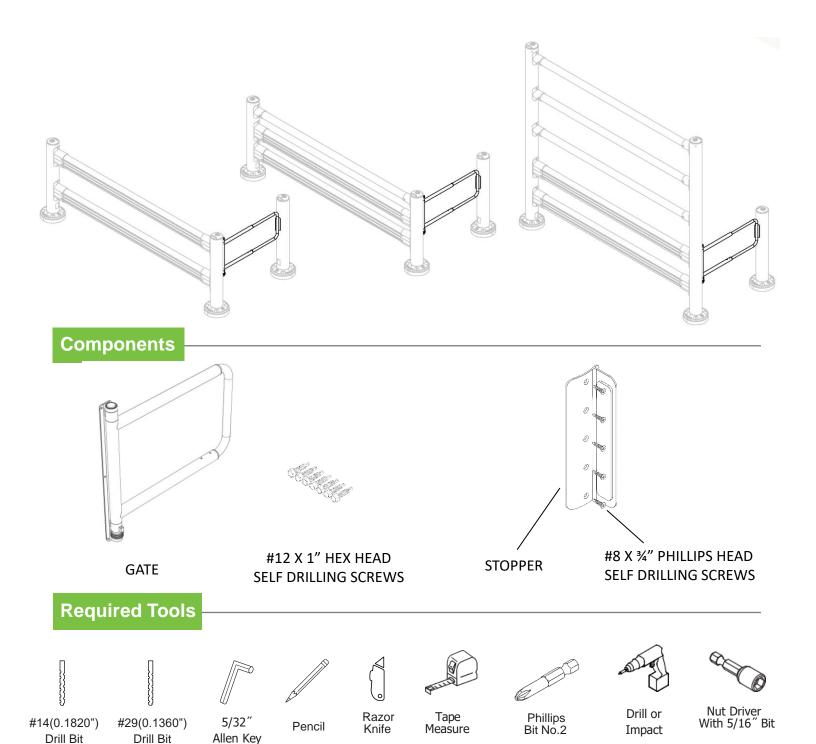
6 Installation complete.



¾" socket

# SafeStop Pedestrian Swing Gate Add On Kit

**INSTALLATION INSTRUCTIONS** 





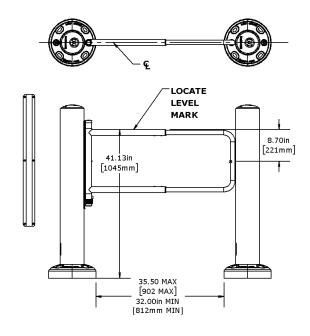
48.625in MAX 45.125in MIN 32.00in MIN [1235.08mm MAX] [1146.18mm MIN] [901.70mm MAX] [812.80mm MIN]

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

# Nut Driver With 5/16" Bit

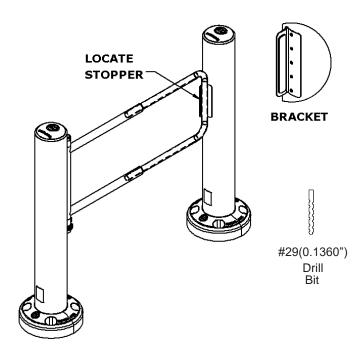
Secure using 5/16" Nut driver bit until flush. Do not over torque.

# Step 2



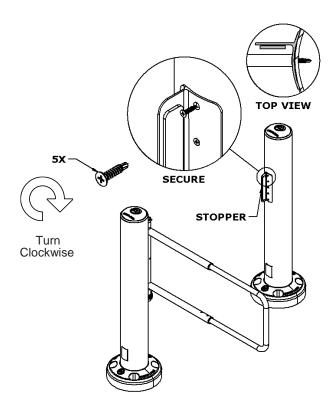
Locate gate on center and mark all the mounting hole locations.

# Step 4

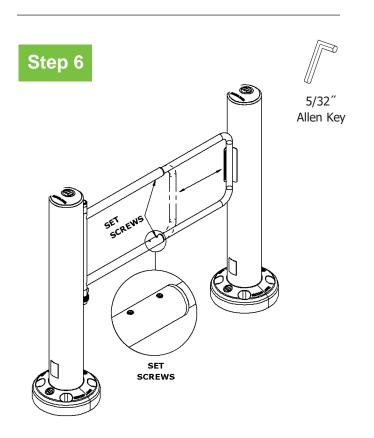


Mark hole locations and drill pilot holes using #29 drill bit.

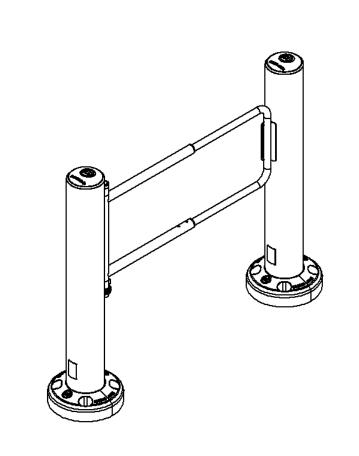
SafeStop Pedestrian Swing Gate Add On Kit Page 2



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



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

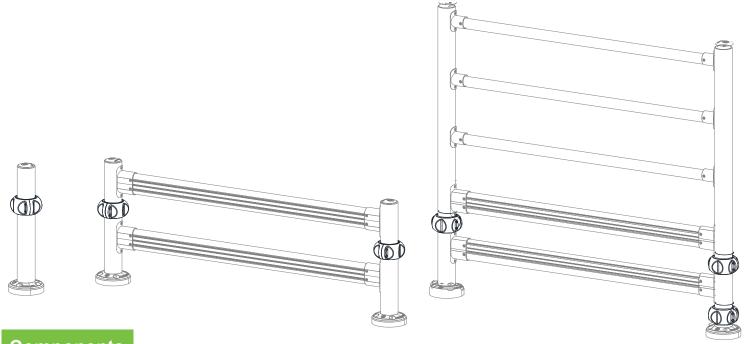


SafeStop Pedestrian Swing Gate Add On Kit Page 3

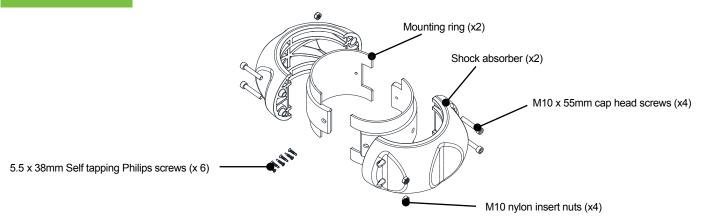
# SafeStop Spinner Add On

**INSTALLATION INSTRUCTIONS** 





### Components



### Kit: SSA-K-SPN

# **Required Tools**



Pencil/ marker



Tape Measure



Drill



4mm [5/32"] HSS Drill Bit

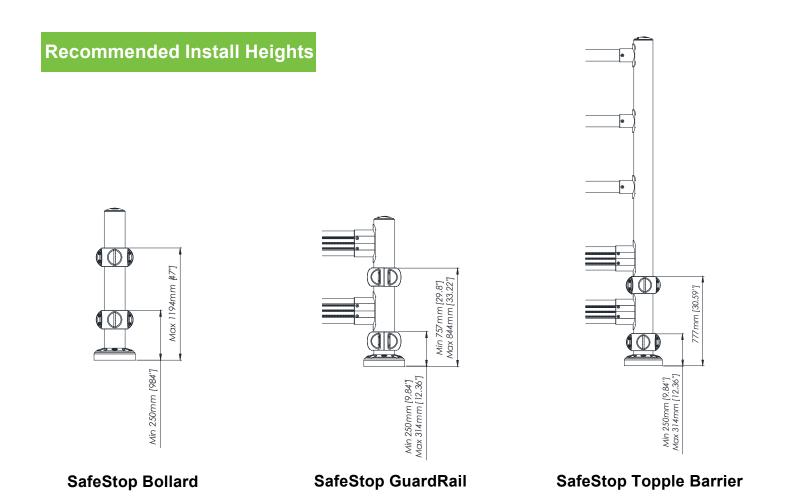


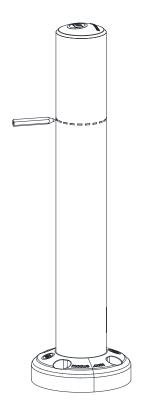
Phillip's Screwdriver/drill bit



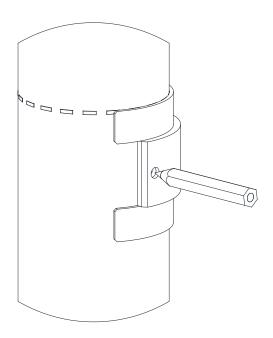
8mm Allen Key



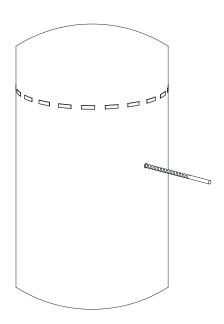




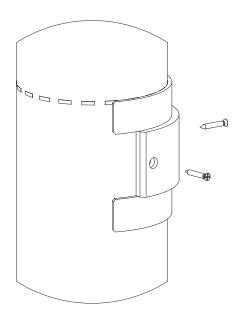
Measure and mark out the top height required for the Spinner



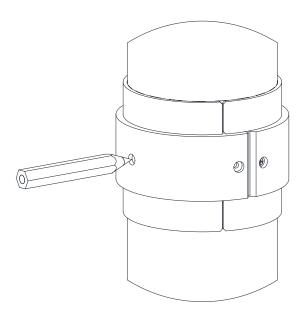
Position the 1st half of the mounting ring ensuring it is straight marking the 3-hole locations



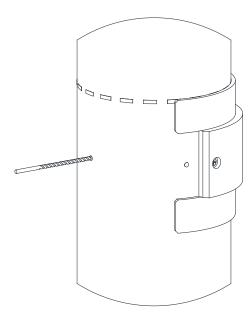
Using a drill and 4mm [5/32"] HSS drill bit pilot hole the 3 marked hole locations



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

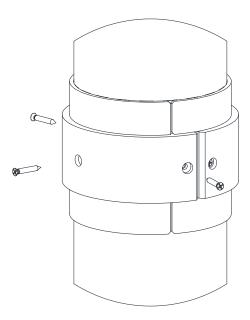


Position the 2<sup>nd</sup> half of the mounting ring and mark the 3-hole locations

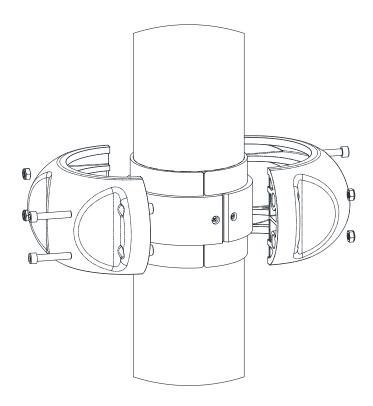


Using a drill and 4mm [5/32"] HSS drill bit pilot hole the 3 marked hole locations for the 1st half of the mounting ring

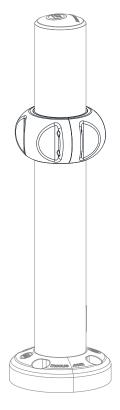
# Step 7



Using the self tapping screws supplied reposition and secure the  $2^{\text{nd}}$  half of the mounting ring



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



**Installation Complete**