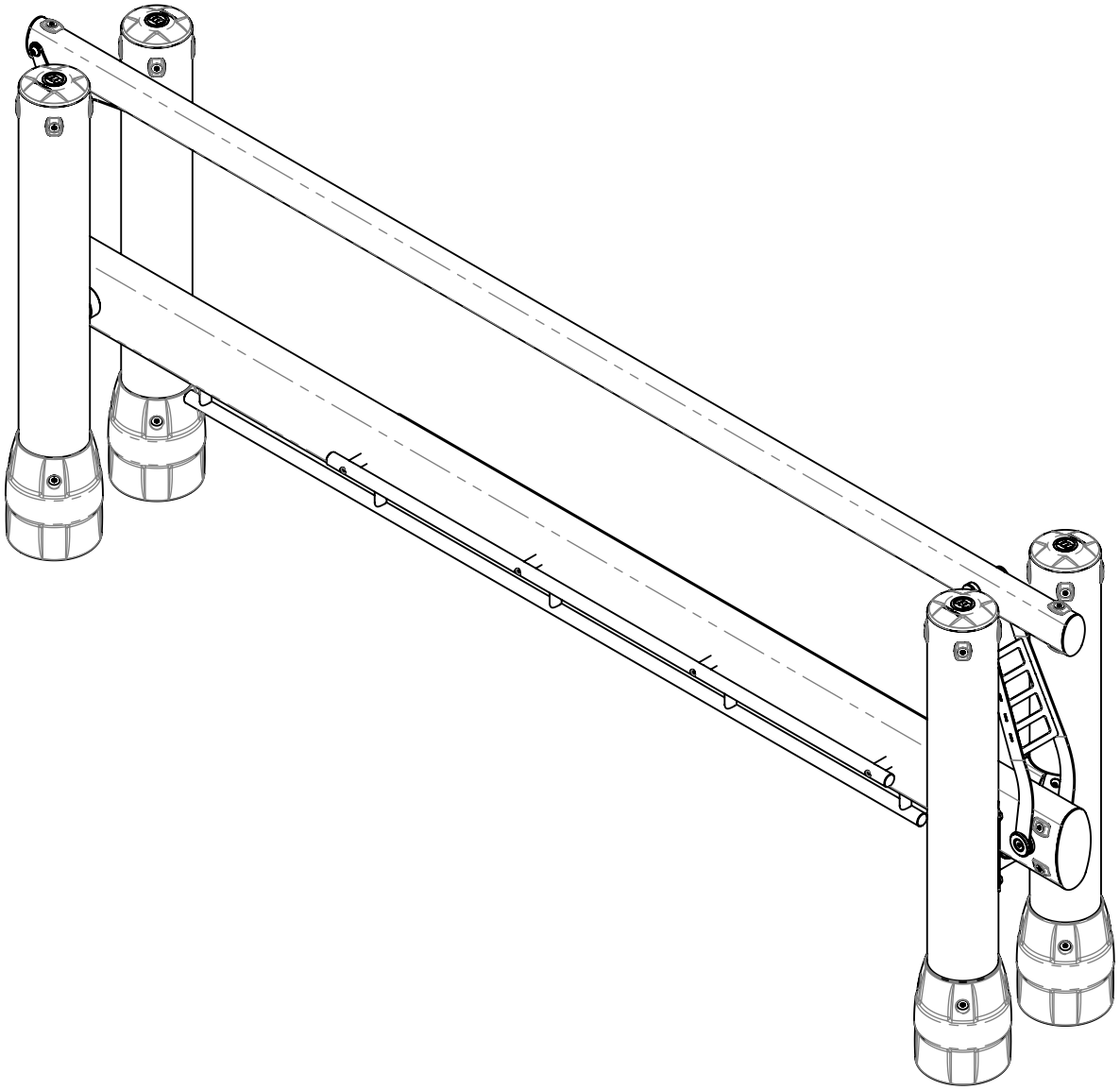
FLEX+
SAFETY GATE

Installation Instructions



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

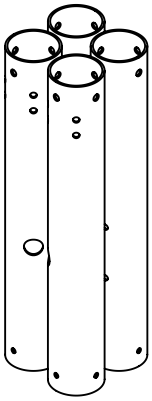
McCue Asia
Xiamen, Fujian, China
+8 592 2200790
rchen@mccue.com

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

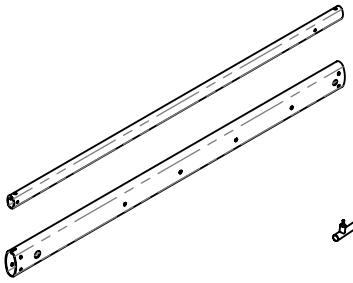
mccue.com

FLEX+
Safety Gate
Installation Instructions

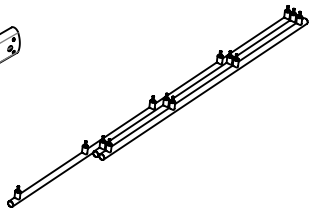
Components



FSG-C-POSTS
Safety Gate
Posts
QTY: 1



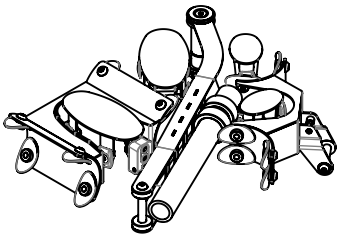
FSG-C-RAIL
Safety Gate
Rails
QTY: 1



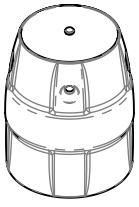
FSG-C-HDL
Safety Gate
Handles
QTY: 1



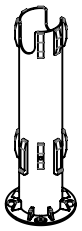
FLX-C-CLR
FLEX+ Collar
QTY: 2



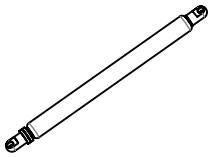
FSG-C-RC
Safety Gate
Rail Components
QTY: 1



FLX-C-B
PolyCore Base
and Hardware
QTY: 4



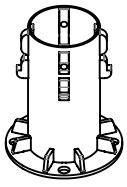
FSG-C-COR
Safety Gate
Core
QTY: 2



FSG-C-GS
Safety Gate
Gas Strut
QTY: 1



FLX-C-CAP
FLEX+ Cap
and Hardware
QTY: 4



FLX-C-COR
FLEX+ Core
QTY: 2

Questions

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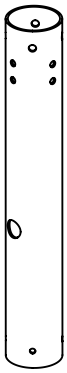
mccue.com

Components

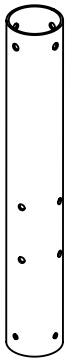
Safety Gate Posts
FSG-C-Posts-###



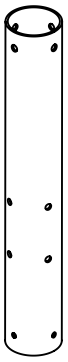
Hinge Post Left
FSG-C-HP-L
QTY: 1



Hinge Post Right
FSG-C-HP-R
QTY: 1

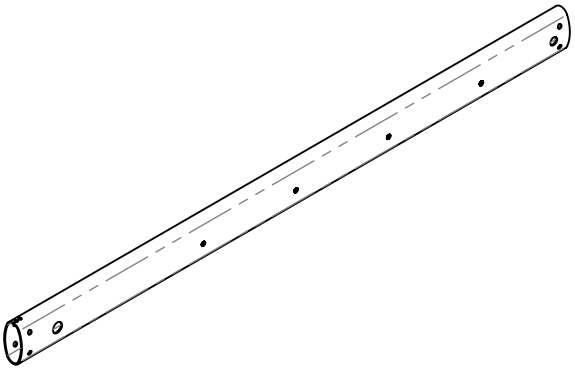


Catch Post Left
FSG-C-CP-L
QTY: 1

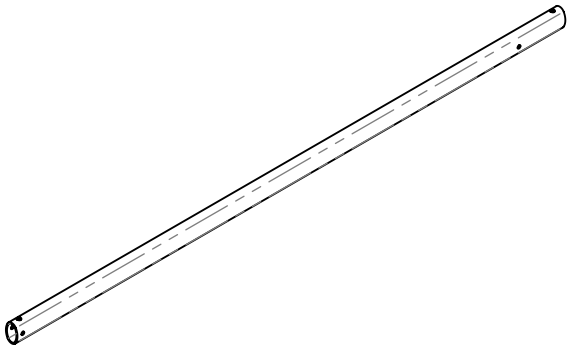


Catch Post Right
FSG-C-CP-R
QTY: 1

Safety Gate Rails
FSG-C-RAILS-###



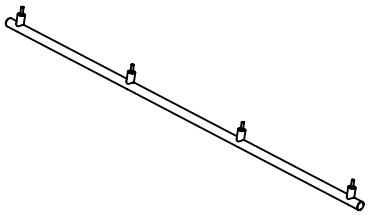
Guardrail
FSG-C-GR-###
QTY: 1



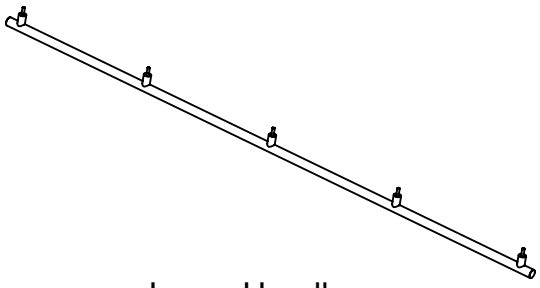
Toprail
FSG-C-TR-###
QTY: 1

Components

FLEX+ Safety Gate Handles
FSG-C-HDL-###

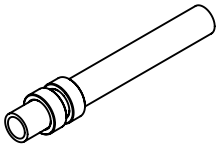


Small Handle
FSG-C-HDL-###-S
QTY: 2

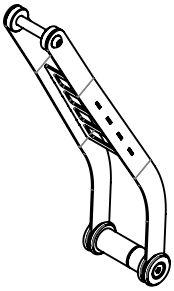


Large Handle
FSG-C-HDL-###-L
QTY: 1

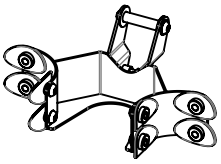
Rail Components
FSG-C-RC



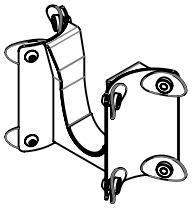
Hinge
FSG-C-HNG
QTY: 1



Arm
FSG-C-ARM
QTY: 1



Top Hinge
FSG-C-TH
QTY: 1



Rail Stop
FSG-C-RS
QTY: 1



Large End Cap
FSG-C-LEC
QTY: 1



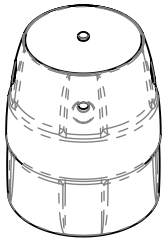
Large Gas Strut End Cap
FSG-C-LGEC
QTY: 1



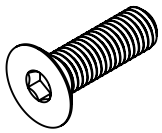
Small End Cap
FSG-C-SEC
QTY: 2

Components

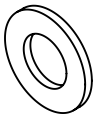
PolyCore Base
FLX-C-B



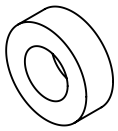
Base Cover
FLX-BCV
QTY: 4



Flat Head Screw
HW-FH-M12
QTY: 4



Anchor Washer
HW-WSH-ANC
QTY: 4

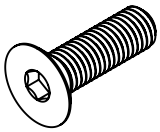


Damper
HW-DPR
QTY: 4

FLEX+ Cap
FLX-C-CAP



Cap
FLX-CAP
QTY: 1

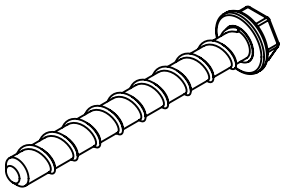


Flat Head Screw
HW-FH-M12
QTY: 4

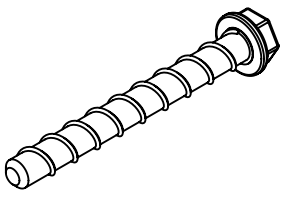


Post Washer
FLX-WSH
QTY: 4

Concrete Anchor (Imperial or Metric)
HW-C-A1250 or HW-C-AM12-130

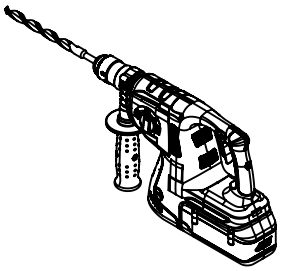


Concrete Anchor
HW-C-A1250
QTY: 16

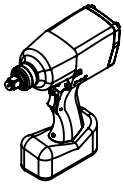


Concrete Anchor
HW-C-AM12-130
QTY: 16

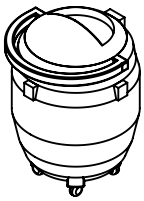
Required Tools



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



Impact
Driver



Vacuum



Hex Key
5/32in [4mm]



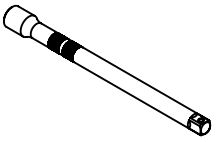
Hex Key
3/16in [5mm]



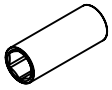
Hex Key
5/16in [8mm]



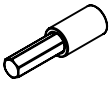
Hex Key
15/32in [12mm]



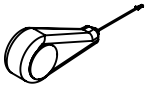
Socket Extender



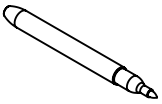
Hex Socket
17mm [3/4in]



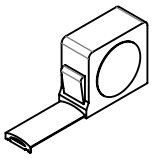
Hex Bit
5/16in 8mm



Chalk Line



Marker



Measuring Tape

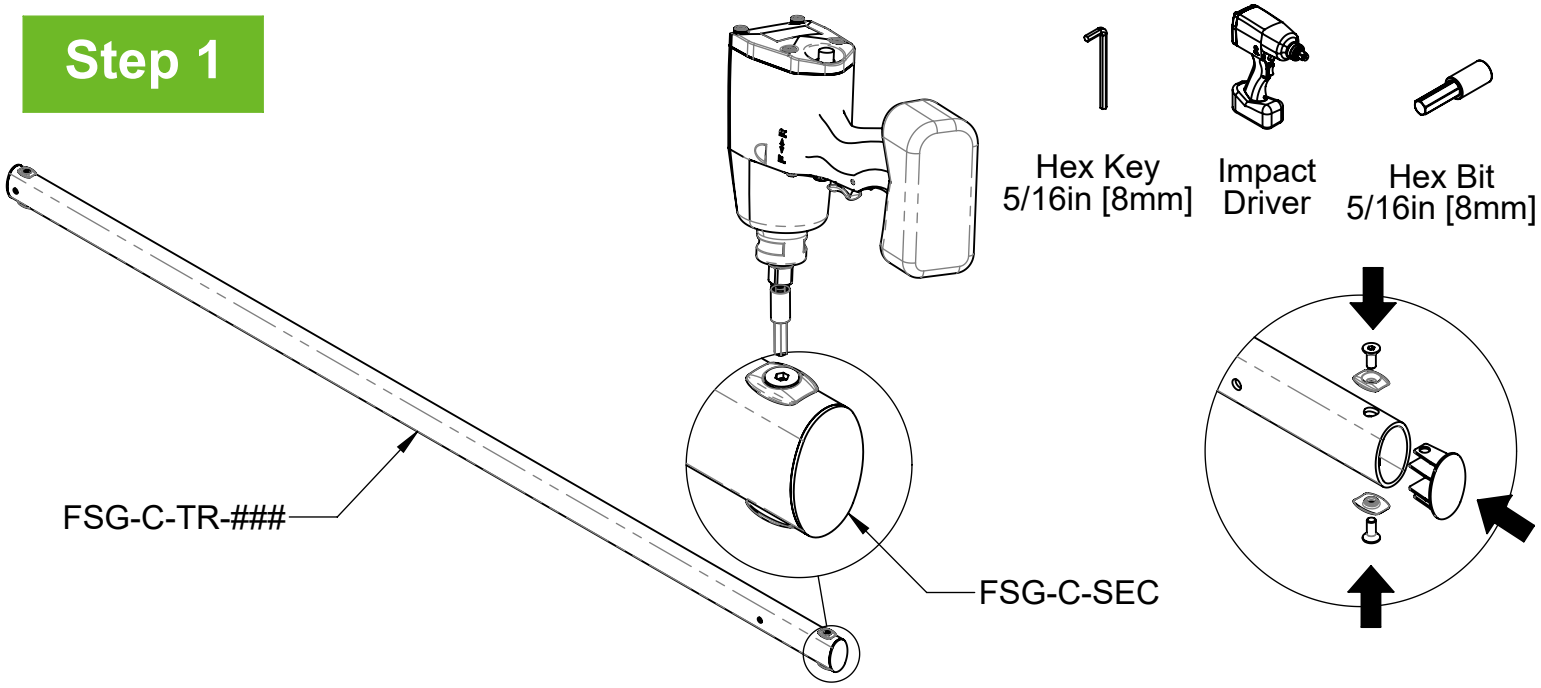


Force Gauge

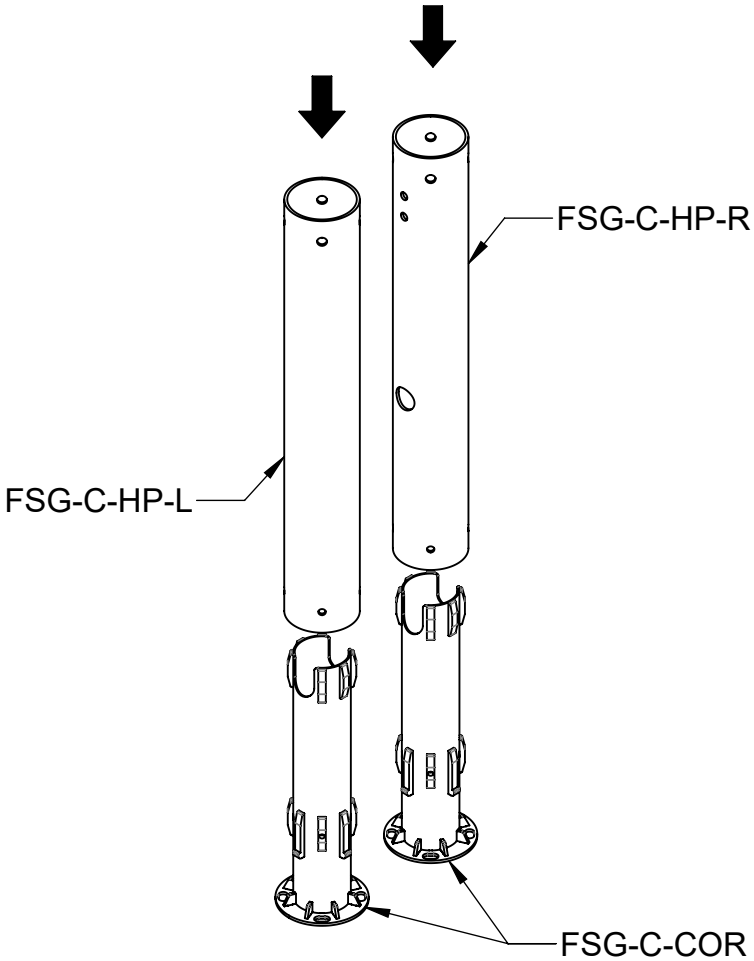


PPE recommended: High Visibility Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.

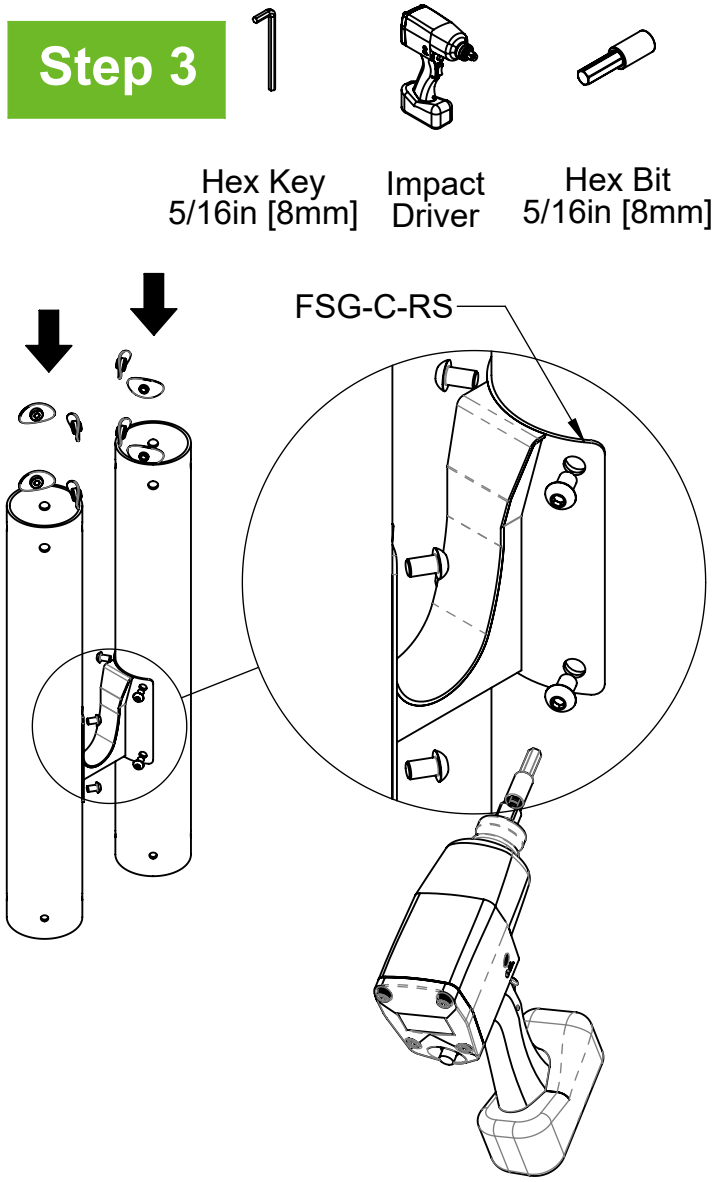
Step 1



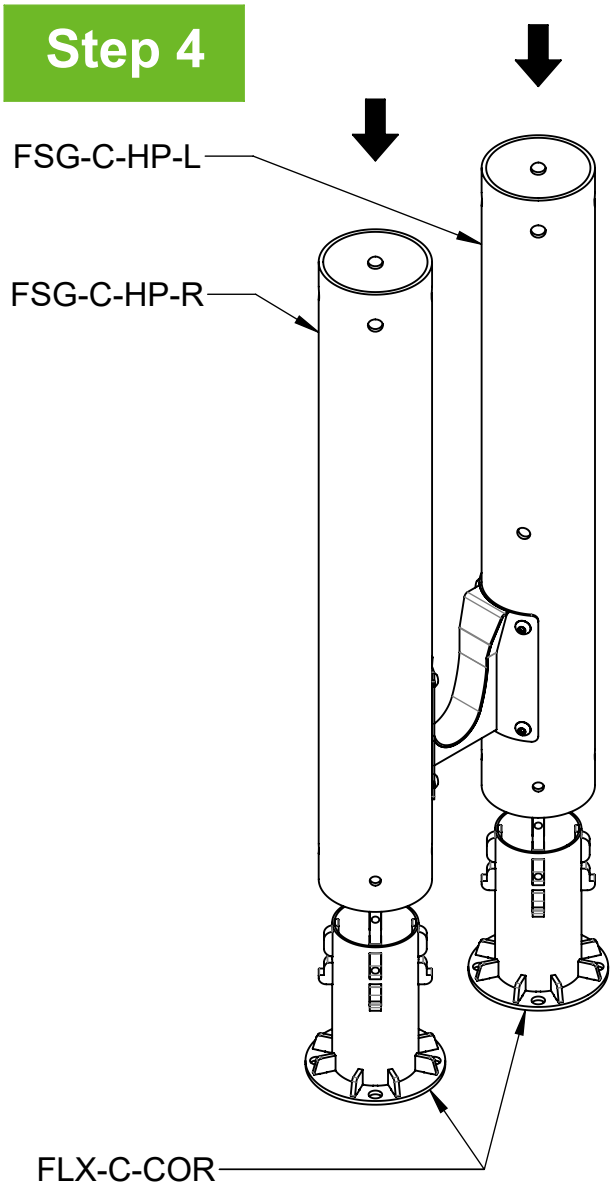
Step 2



Step 3



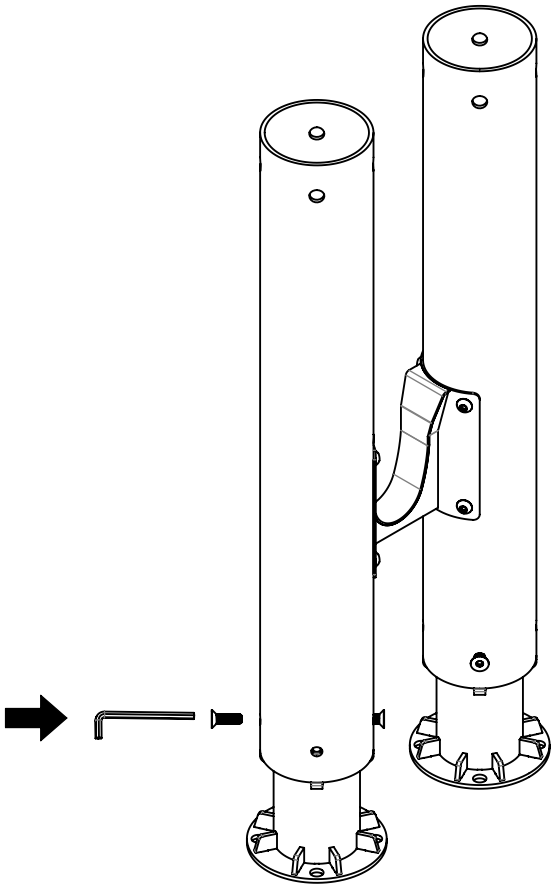
Step 4



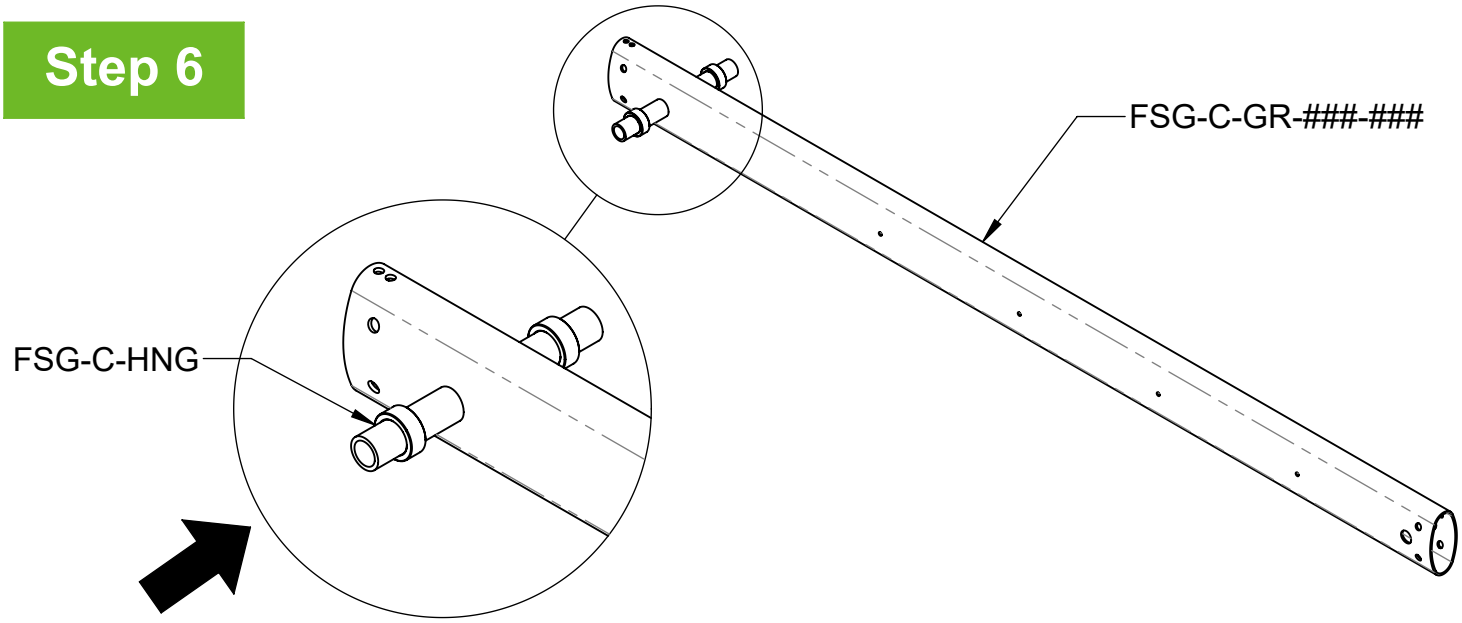
Step 5



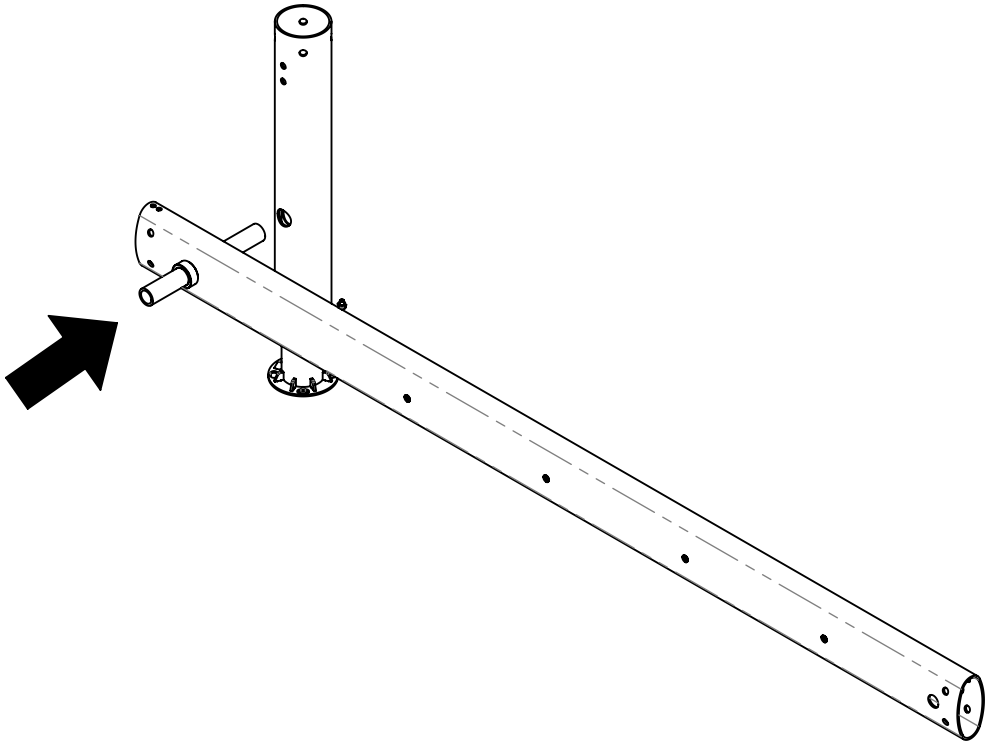
Hex Key
5/16in [8mm]



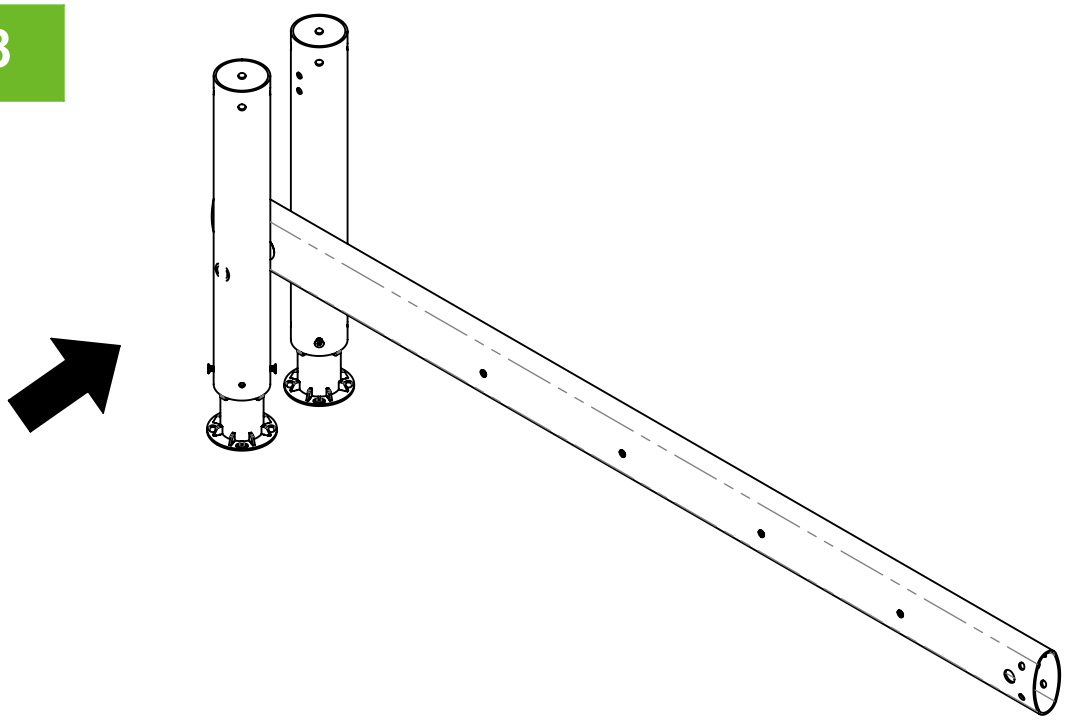
Step 6



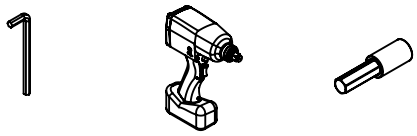
Step 7



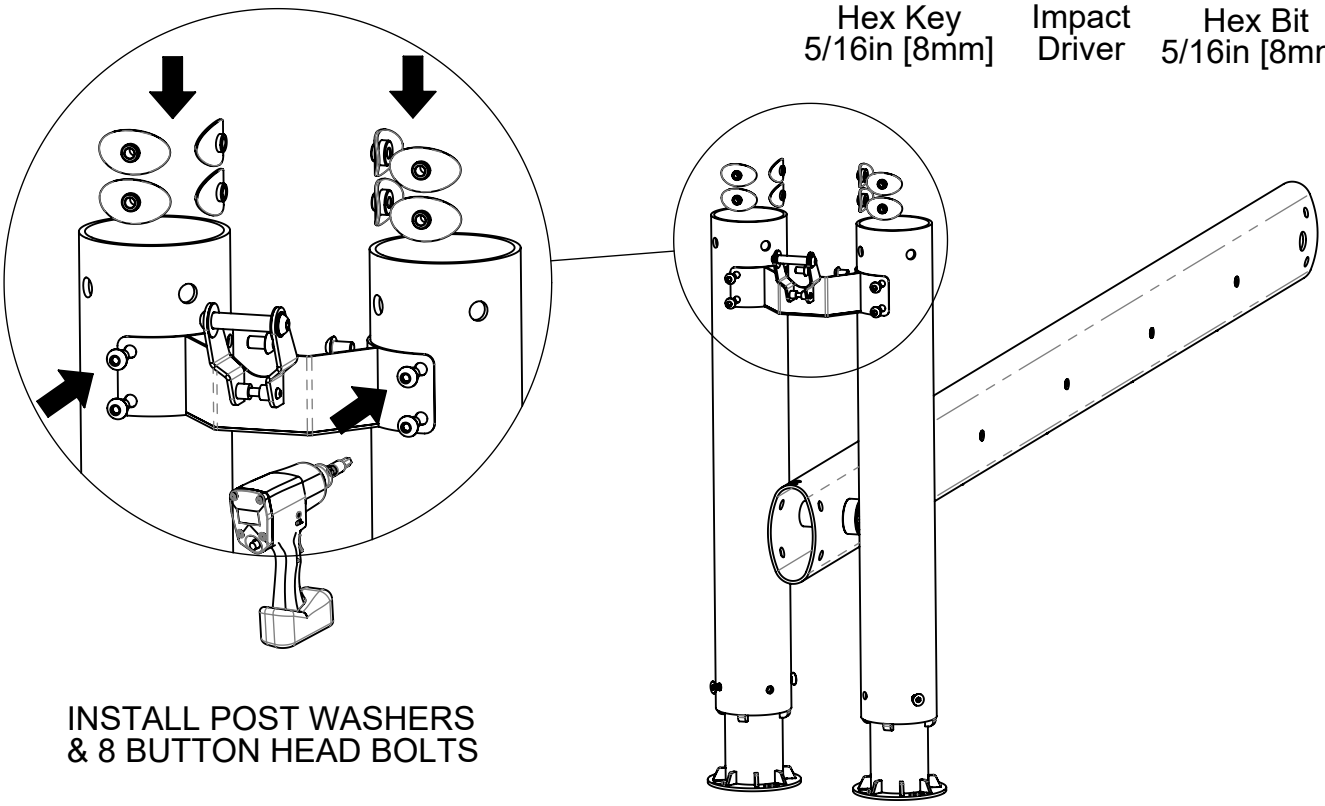
Step 8



Step 9

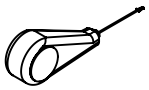


Hex Key 5/16in [8mm] | Impact Driver | Hex Bit 5/16in [8mm]

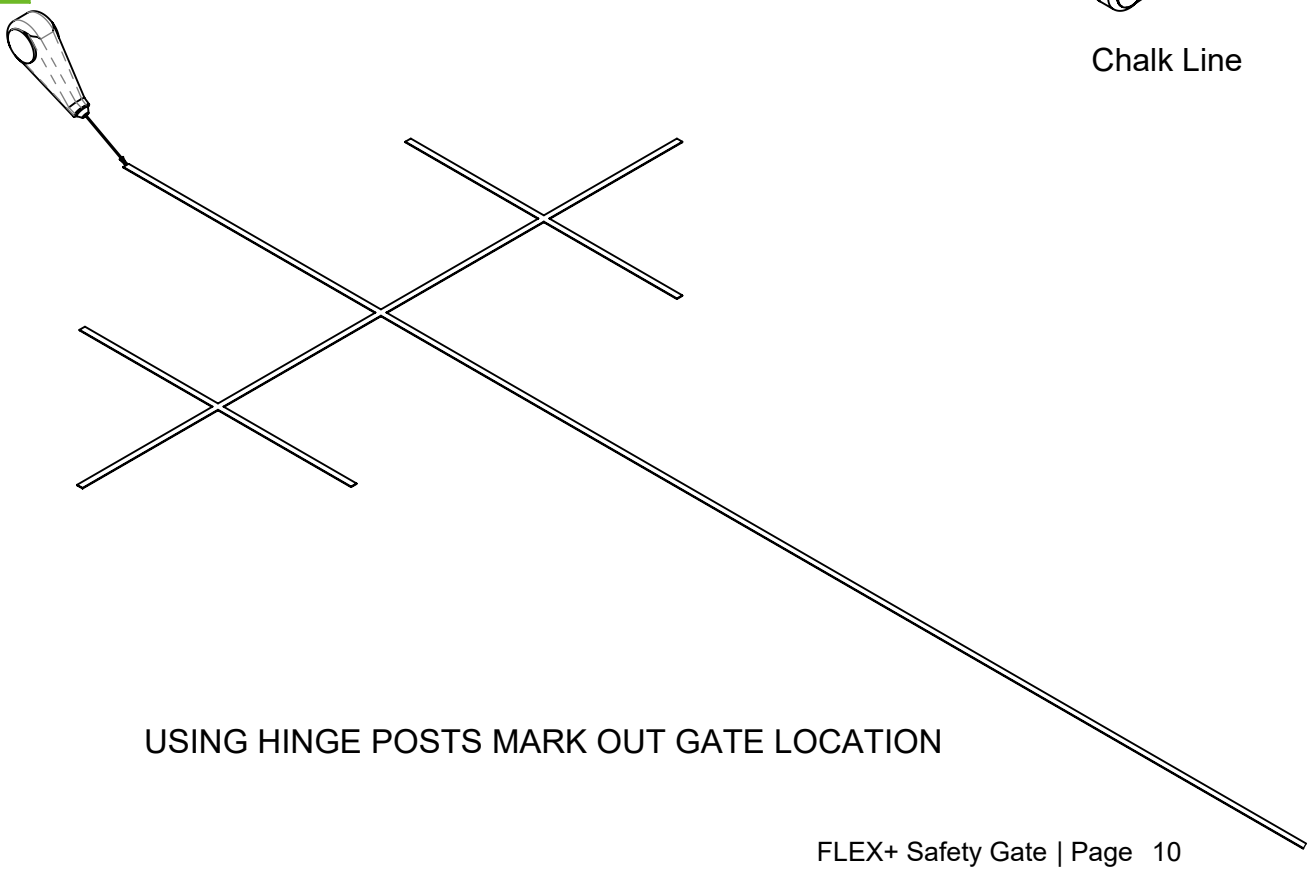


INSTALL POST WASHERS
& 8 BUTTON HEAD BOLTS

Step 10

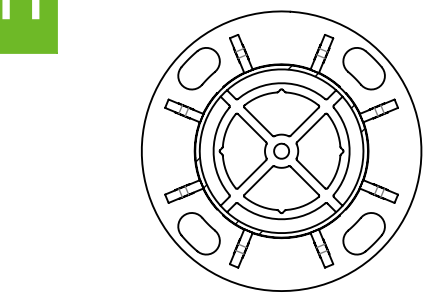


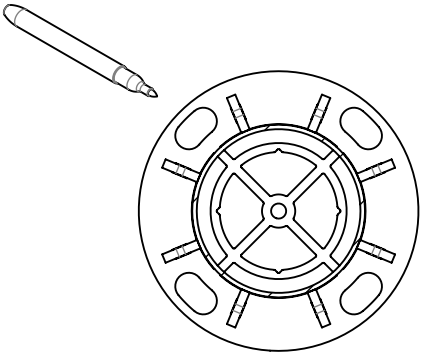
Chalk Line

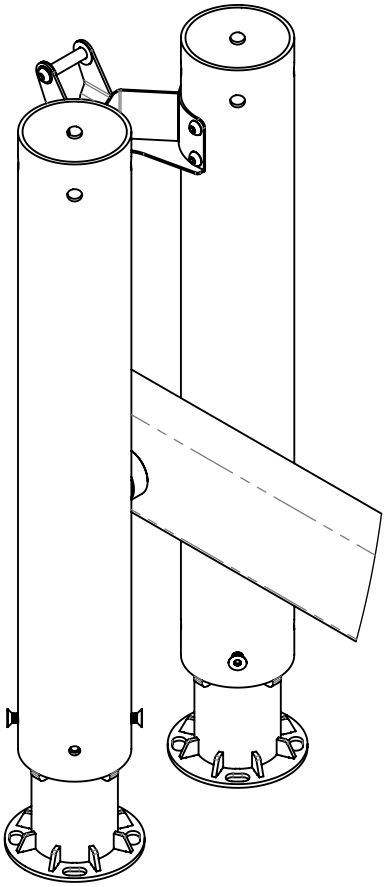


USING HINGE POSTS MARK OUT GATE LOCATION

Step 11



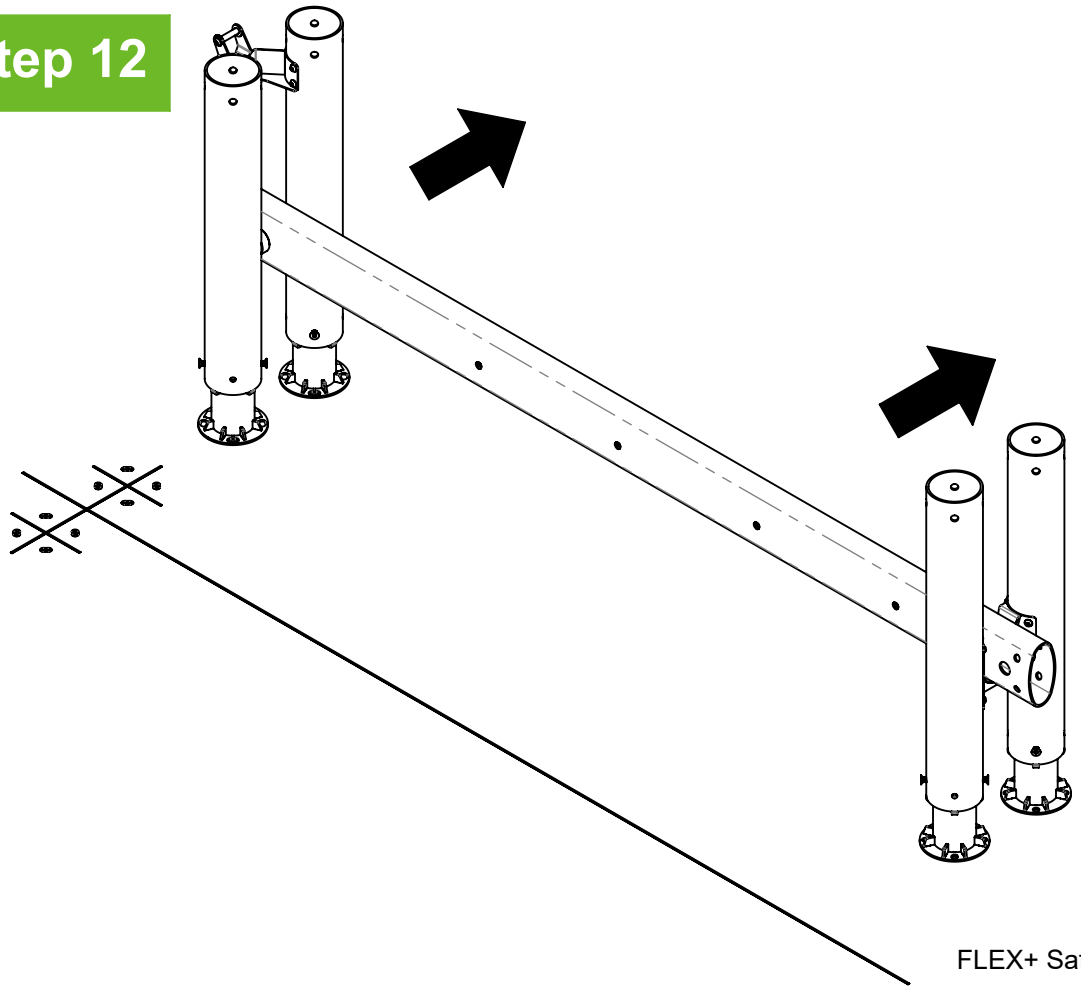




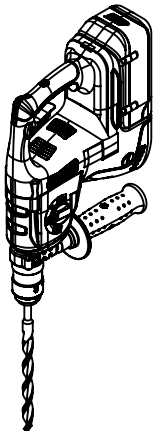


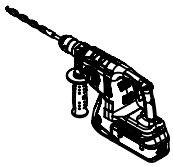
Marker

Step 12



Step 13

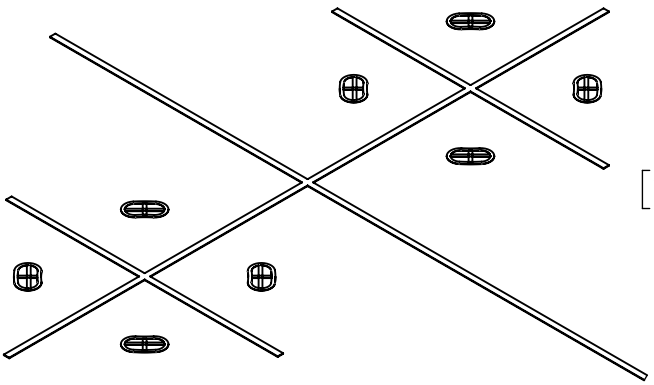




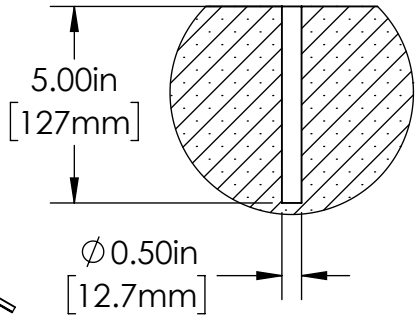
Hammer Drill With
∅1/2in [12mm]
Masonry Bit



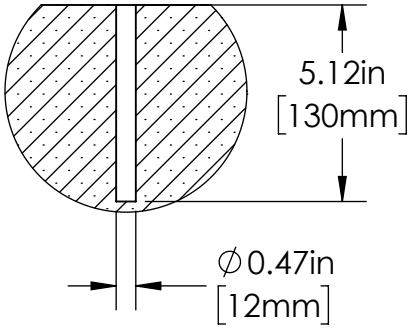
Vacuum



HOLE DETAIL
IMPERIAL
HW-C-A1250



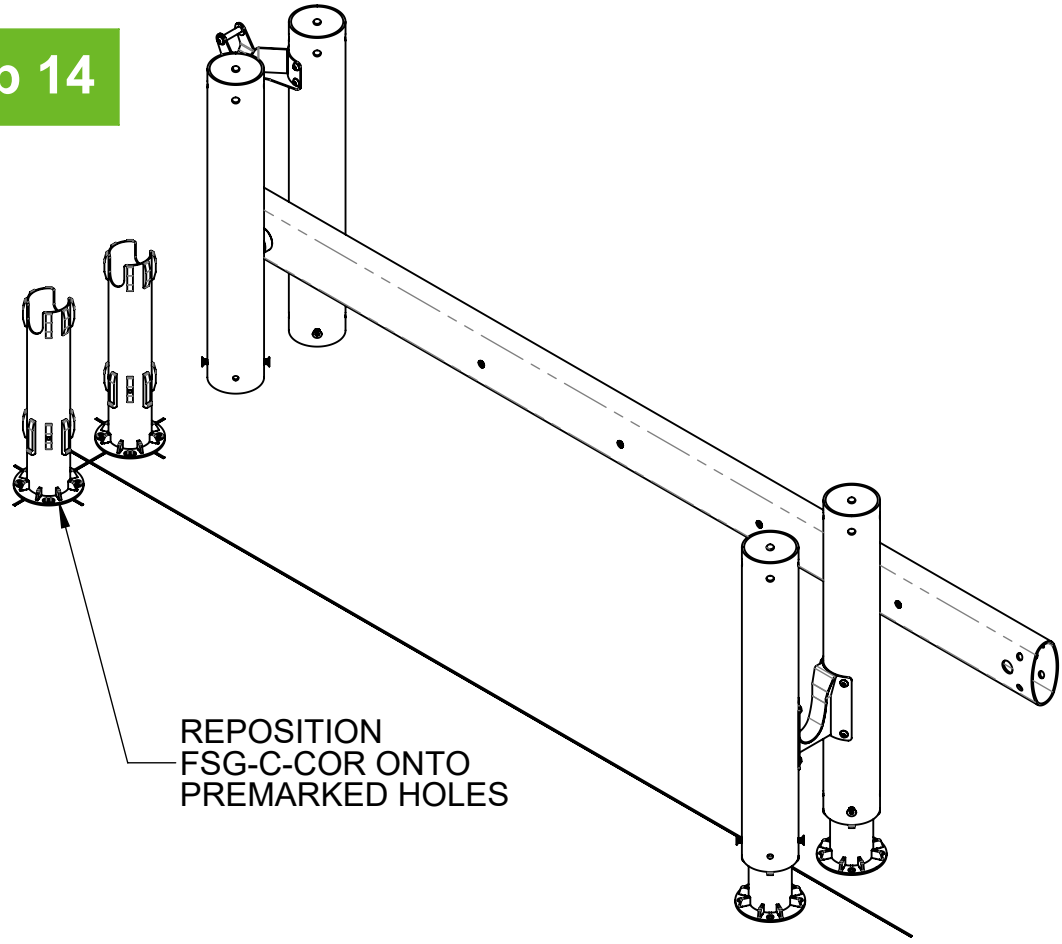
HOLE DETAIL
METRIC
HW-C-AM12-130



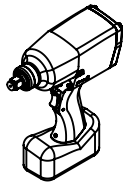
- PPE recommended: High Visibility Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.
- Clean concrete dust by running the vacuum during drilling.

REPEAT FOR ALL 8 HOLES

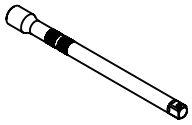
Step 14



Step 15



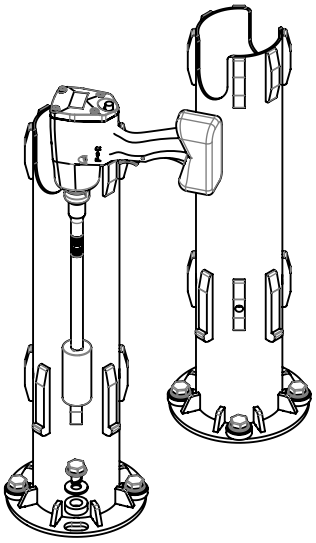
Impact Driver



Extender



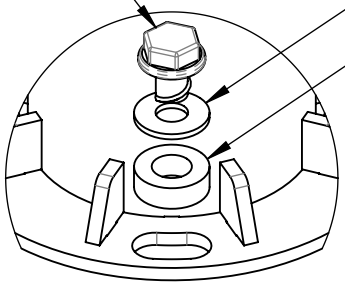
Hex Socket 3/4in [17mm]



HW-C-A1250 or HW-C-AM12-130

HW-WSH-ANC

HW-DPR



- 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.

Step 16



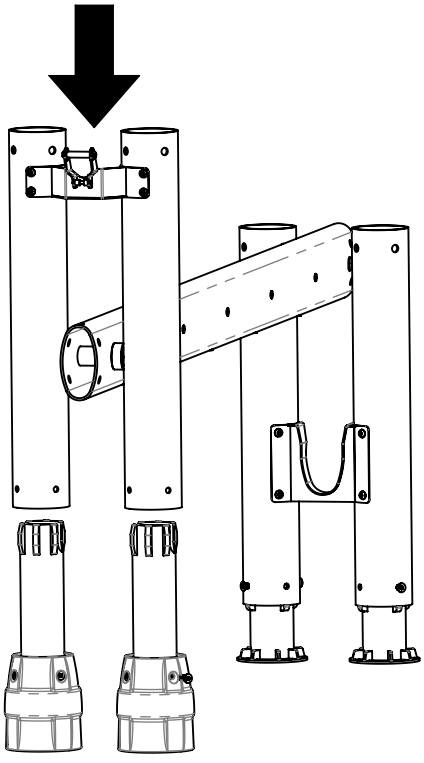
Hex Key 5/16in [8mm]

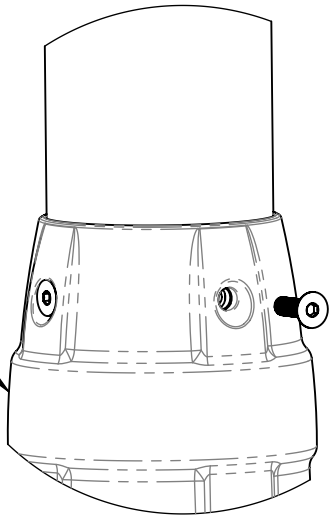


Impact Driver

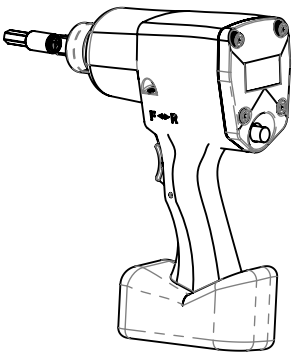


Hex Bit 5/16in [8mm]



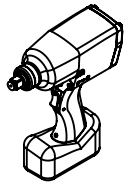


FLX-C-B



REPEAT FOR ALL 8 BOLTS

Step 17



Impact Driver



Hex Bit 5/16in [8mm]



Hex Bit 3/8in [10mm]



Hex Key 5/16in [8mm]

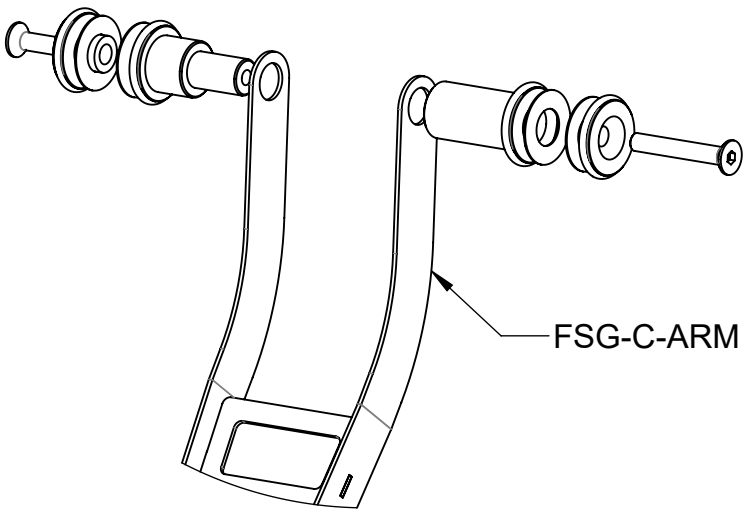


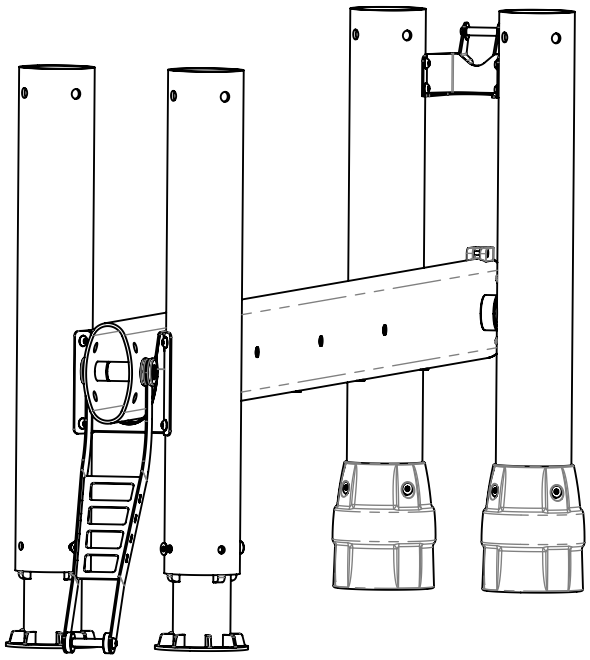
Hex Key 3/8in [10mm]

Step 18

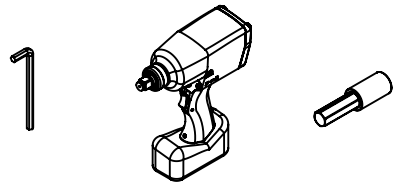


Hex Key 5/16in [8mm]





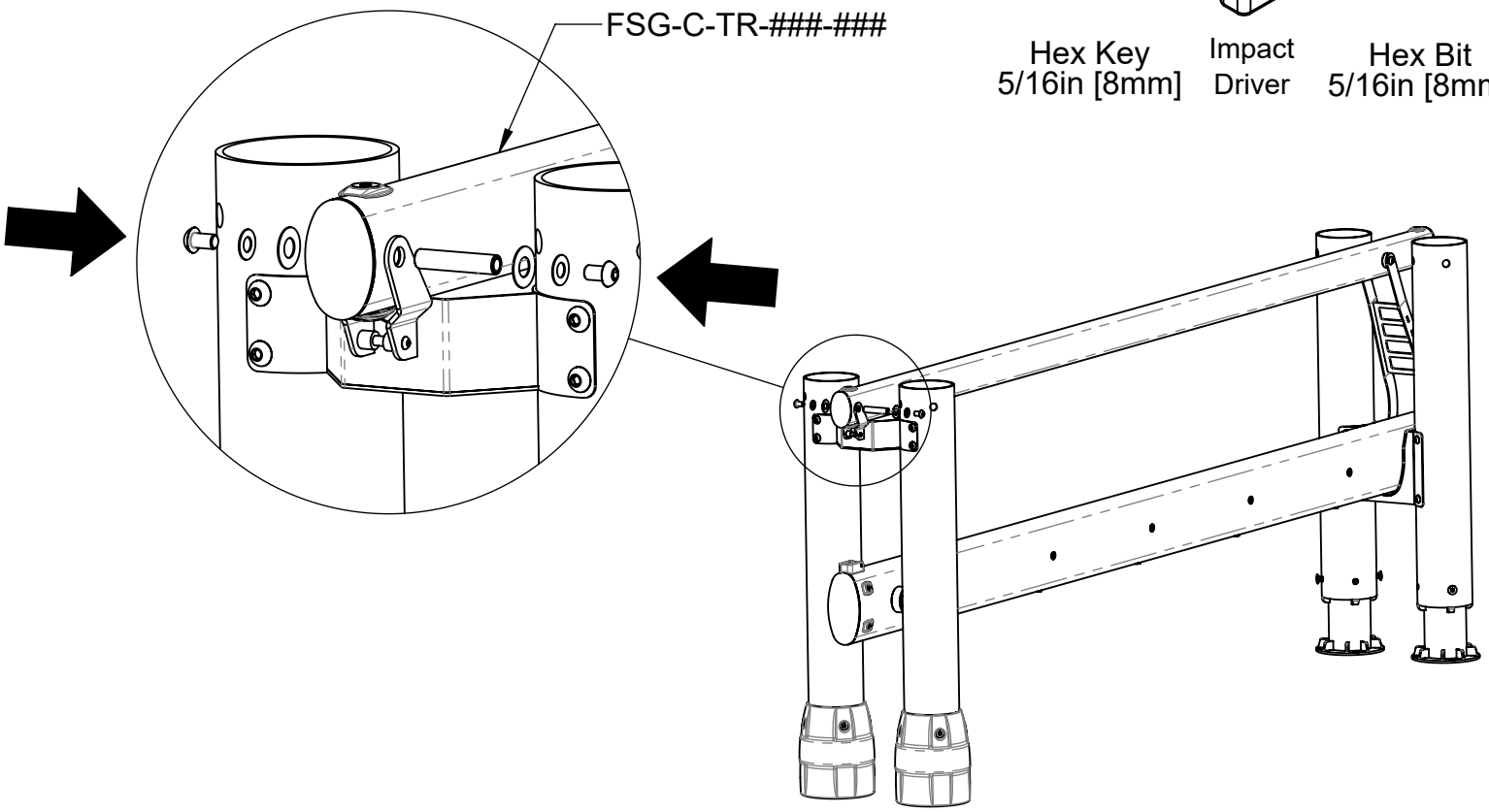
Step 19



1 Hex Key 5/16in [8mm]

Impact Driver

Hex Bit 5/16in [8mm]



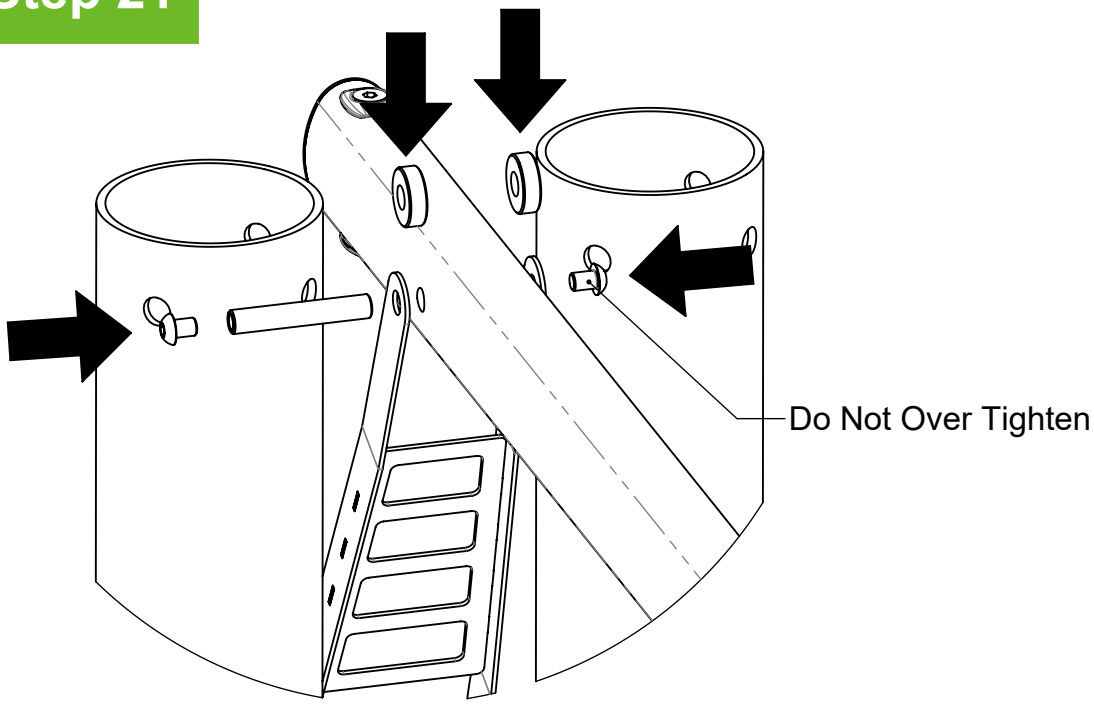
Step 20



1 Hex Key 3/16in [5mm]

REPEAT FOR ALL 3 HANDLES

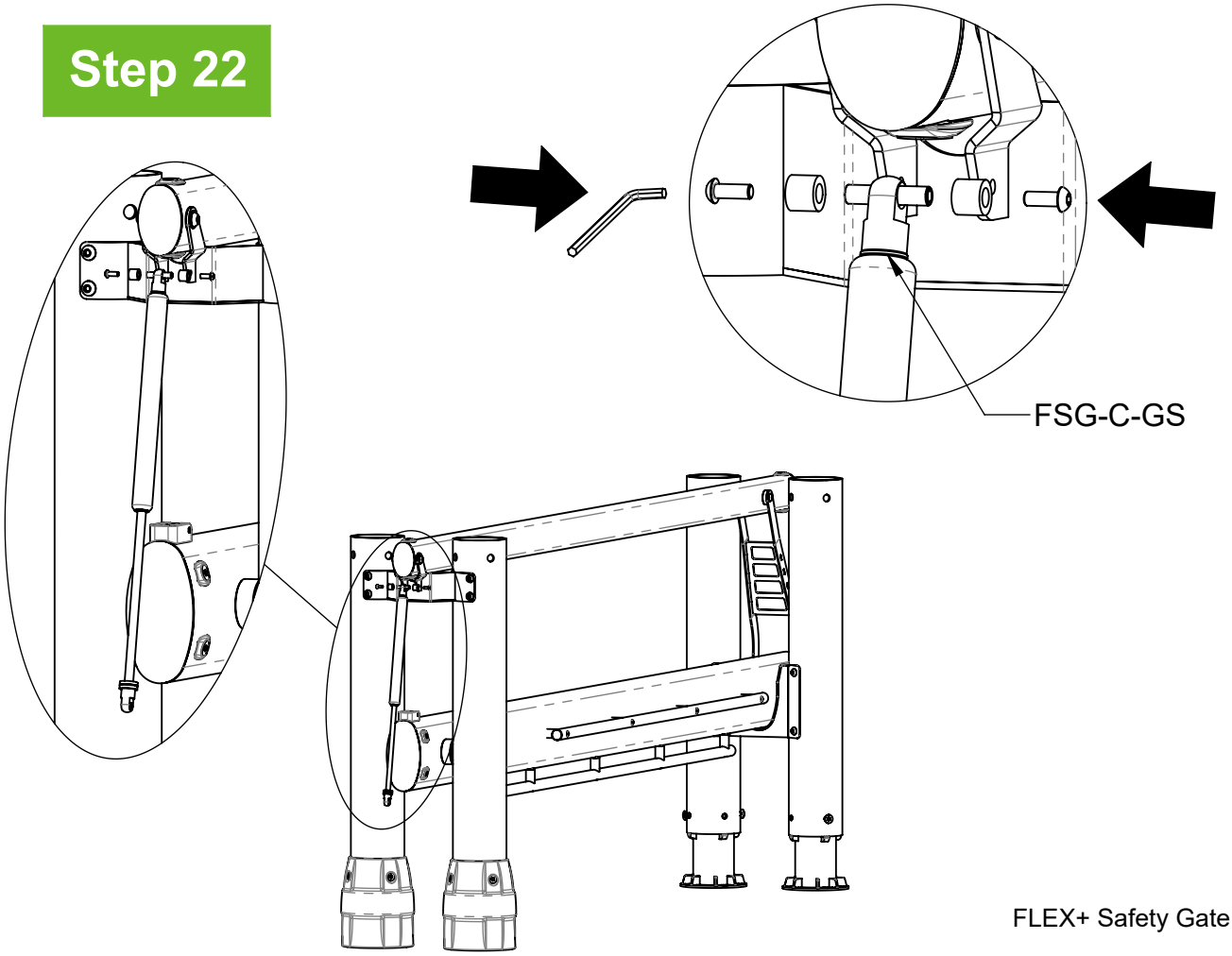
Step 21



1

Hex Key
5/16in [8mm]

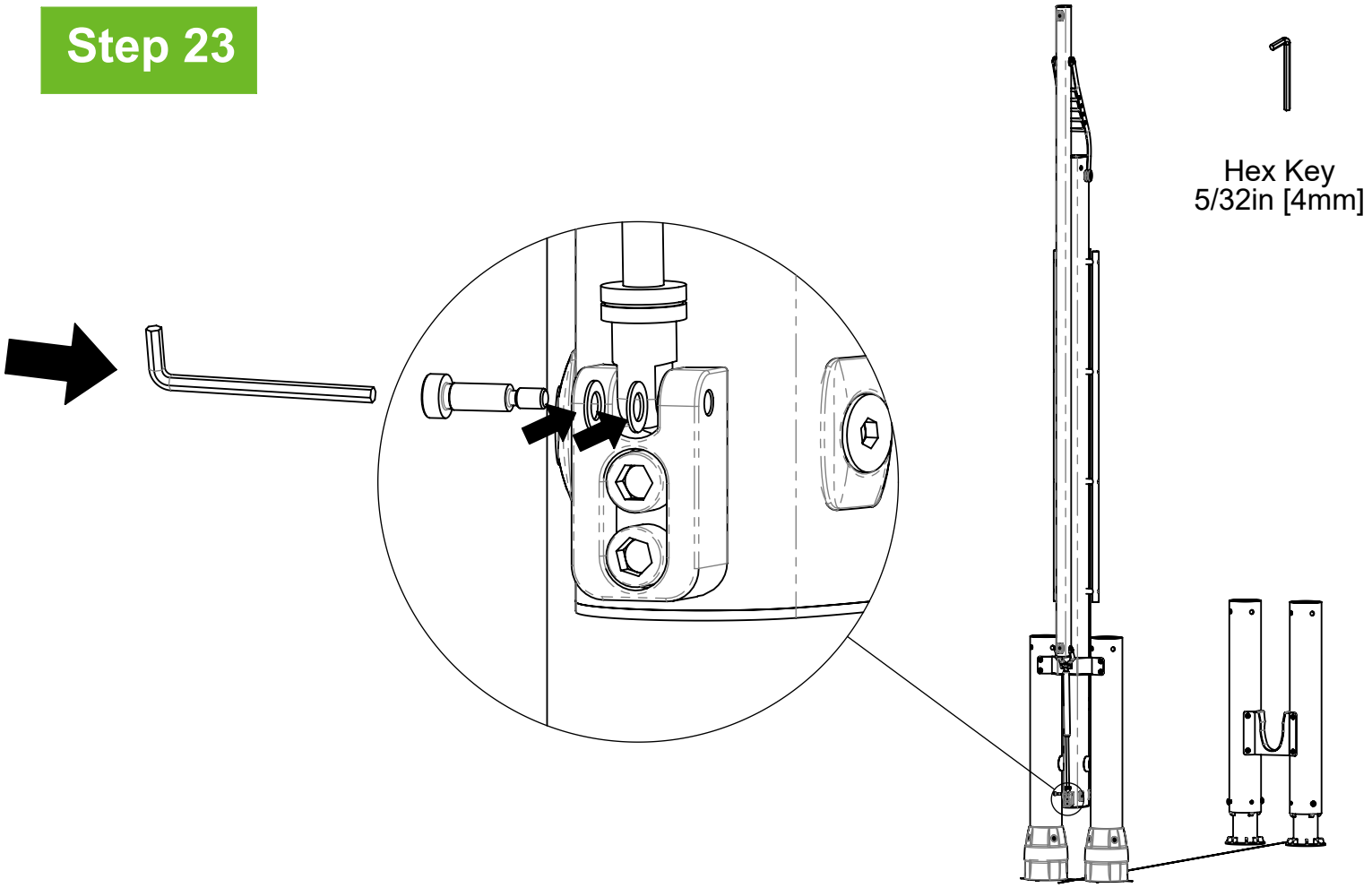
Step 22



1

Hex Key
5/32in [4mm]

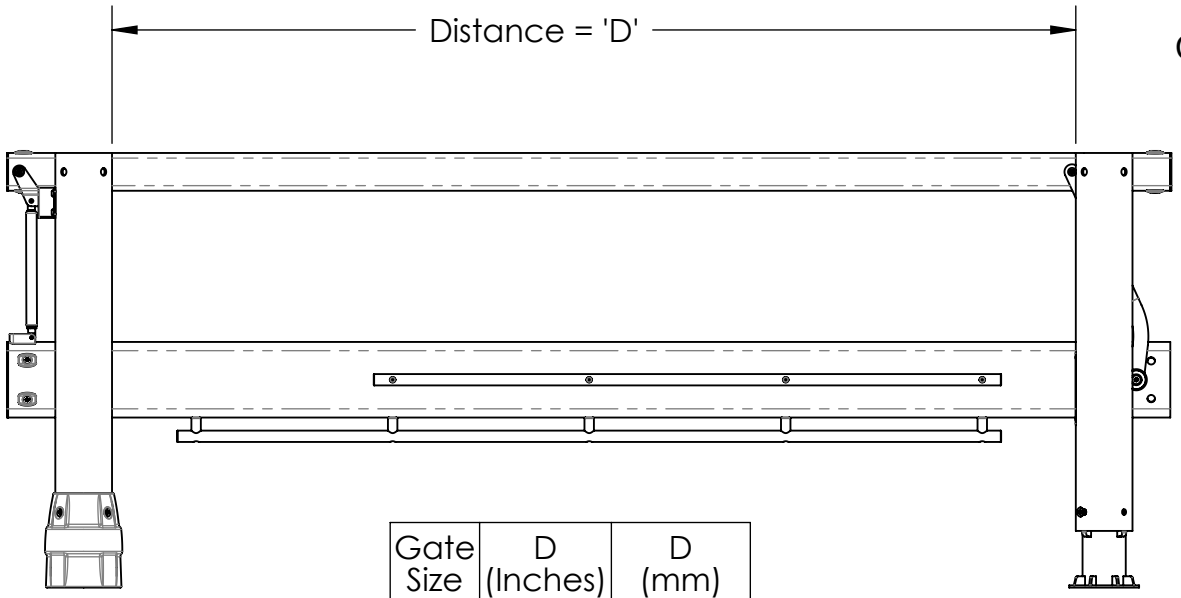
Step 23



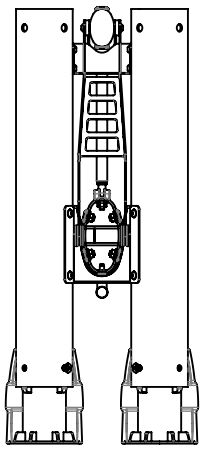
1

Hex Key
5/32in [4mm]

Step 24

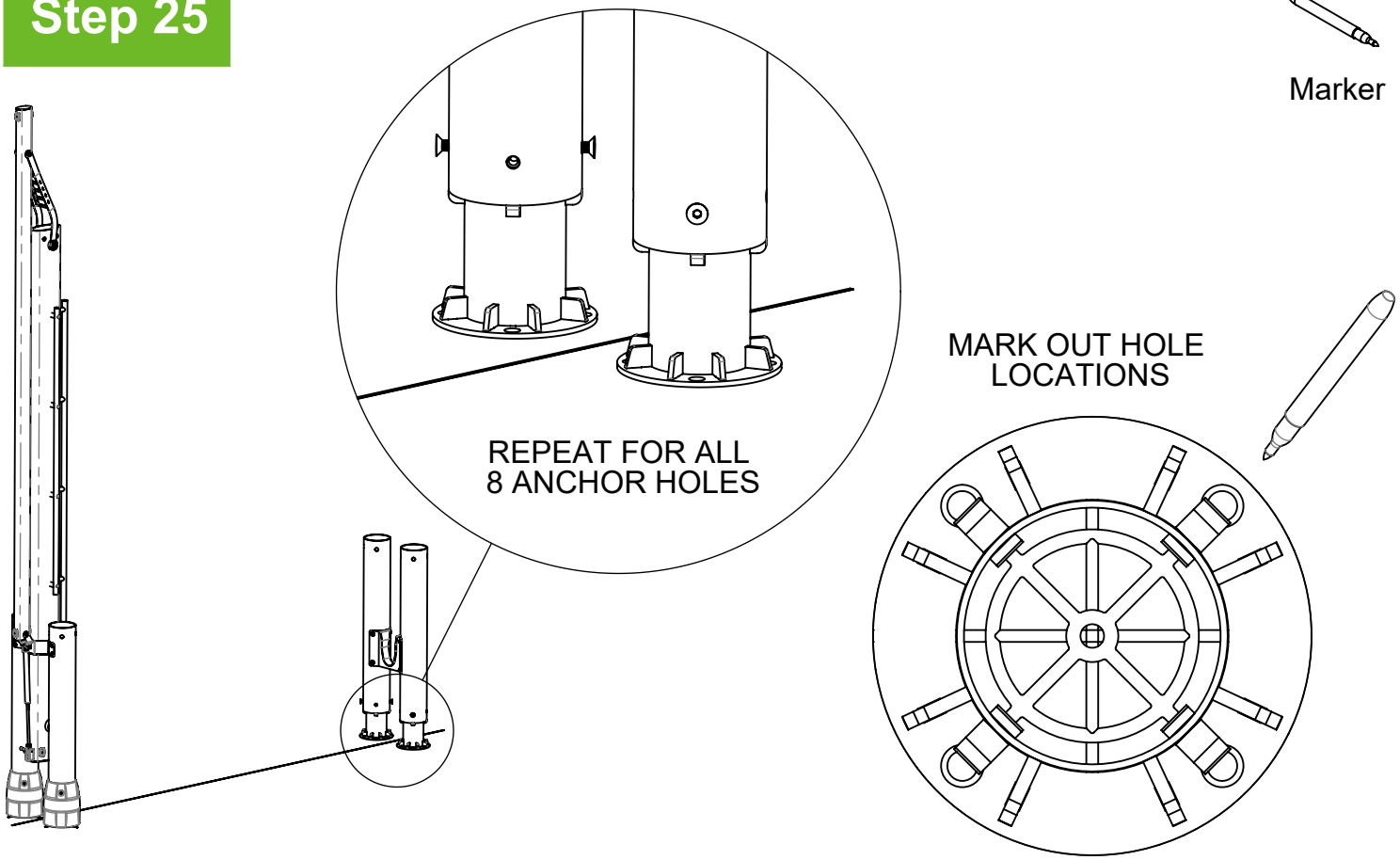


ENSURE RAIL SITS CENTRALLY BETWEEN CATCH POSTS

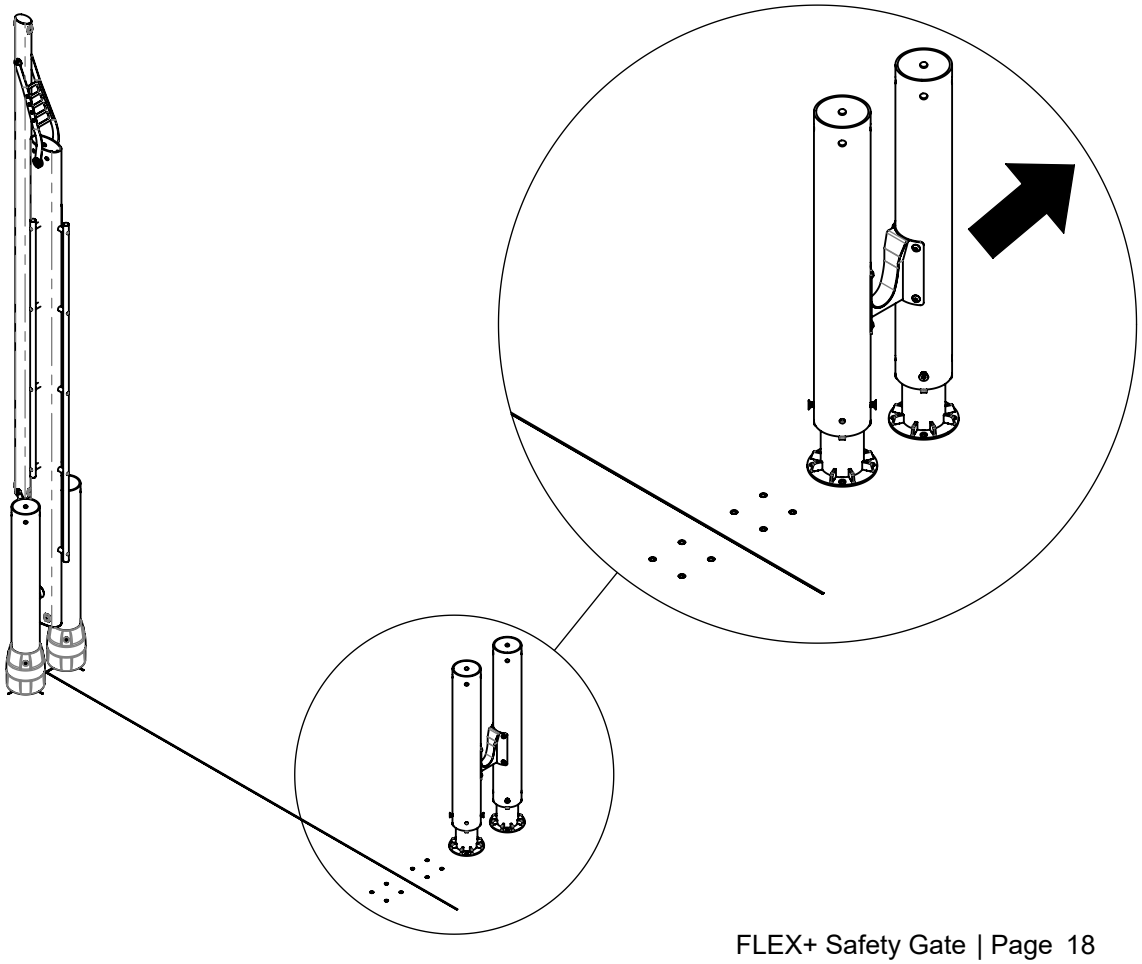


Gate Size	D (Inches)	D (mm)
6ft	76"	1930mm
8ft	100"	2540mm
10ft	124"	3150mm

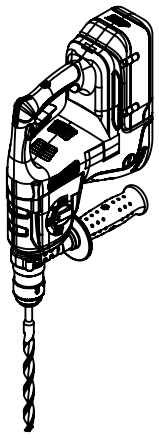
Step 25

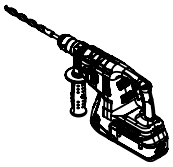


Step 26



Step 27

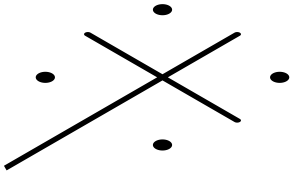




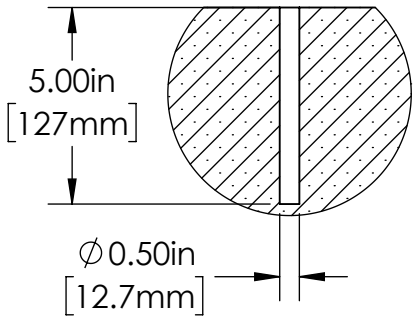
Hammer Drill With
∅ 1/2in [12mm]
Masonry Bit



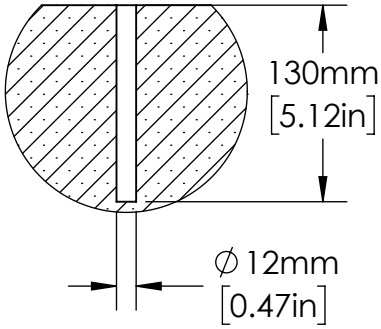
Vacuum



HOLE DETAIL
IMPERIAL
HW-C-A1250



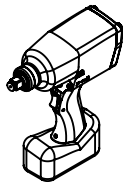
HOLE DETAIL
METRIC
HW-C-AM12-130



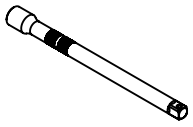
- **PPE recommended: High Visibility Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.**
- **Clean concrete dust by running the vacuum during drilling.**

REPEAT FOR ALL 8 HOLES

Step 28



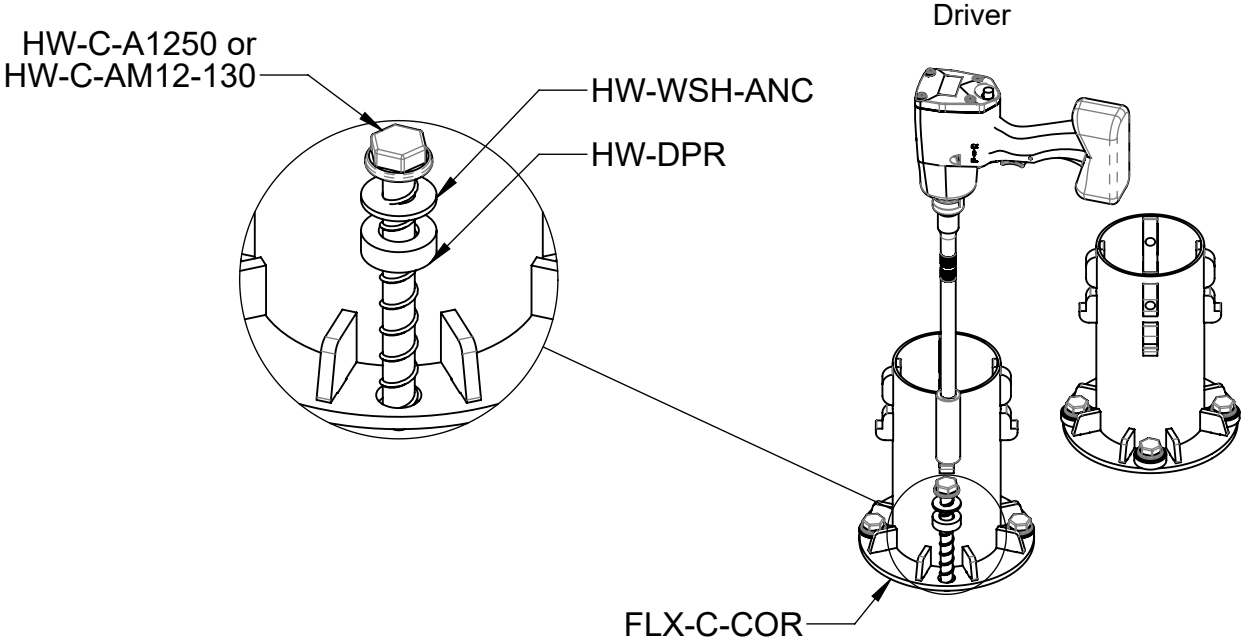
Impact
Driver



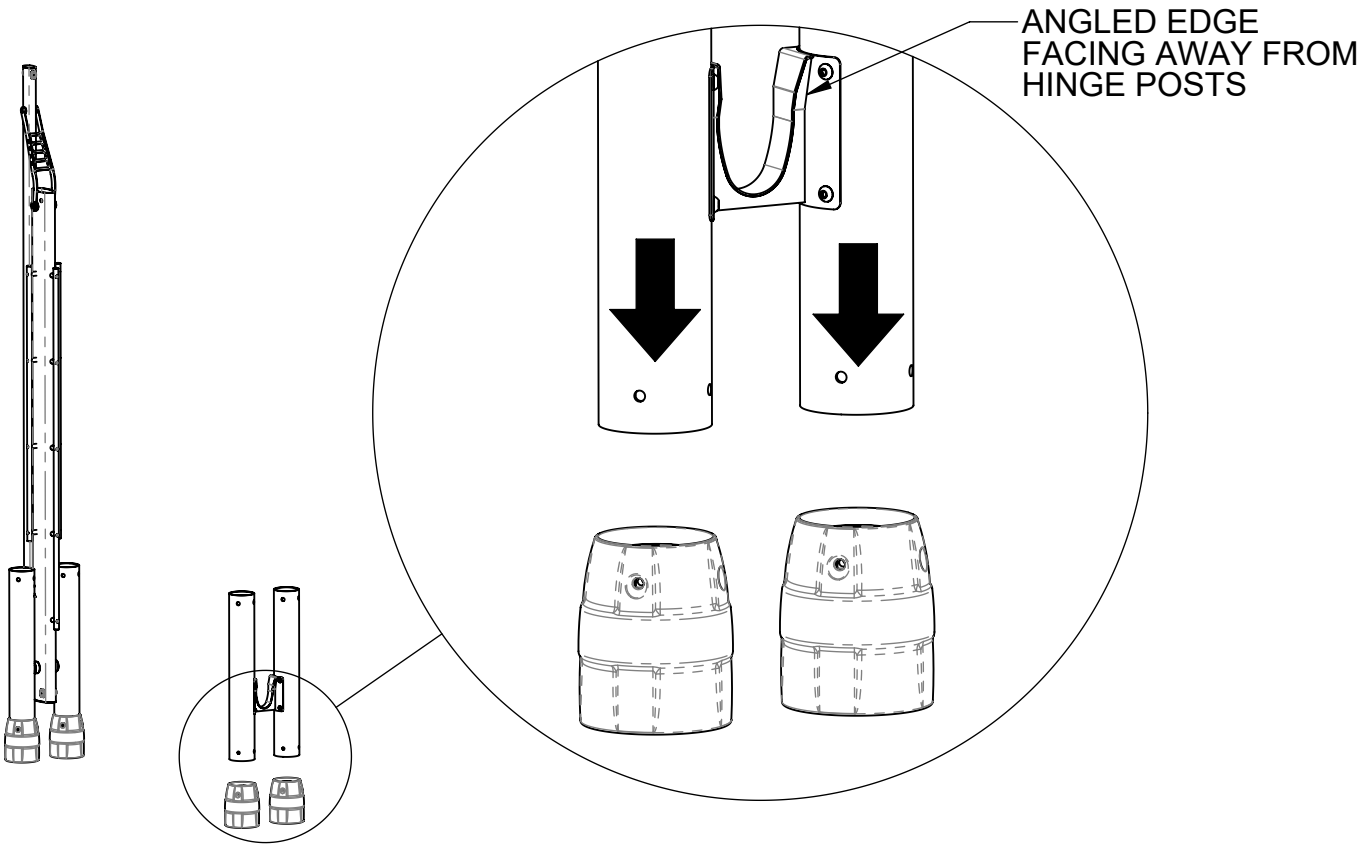
Extender



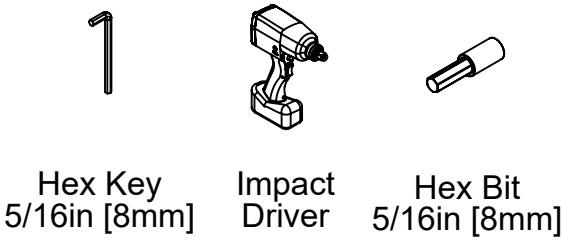
3/4in [17mm]
Hex Socket



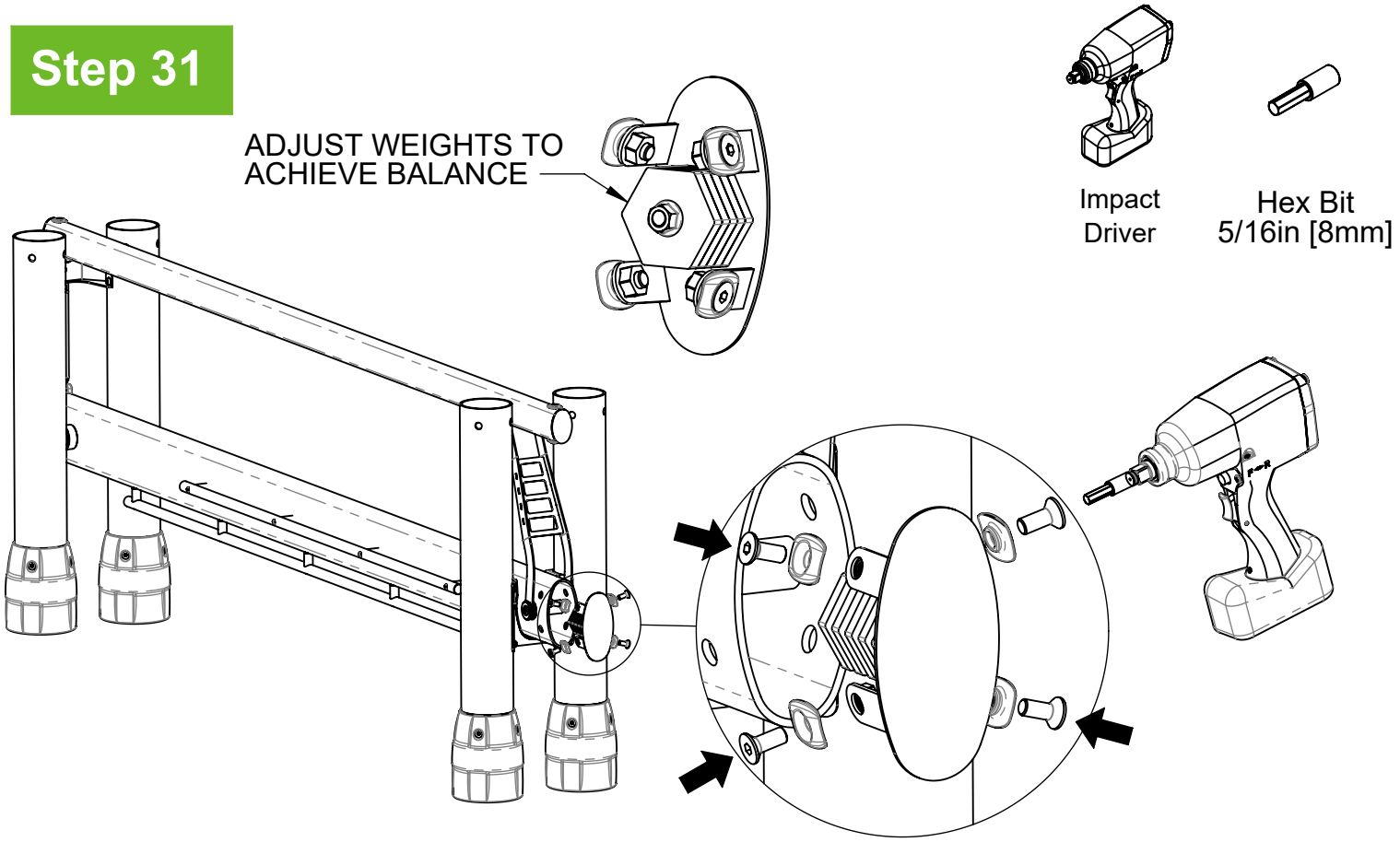
Step 29



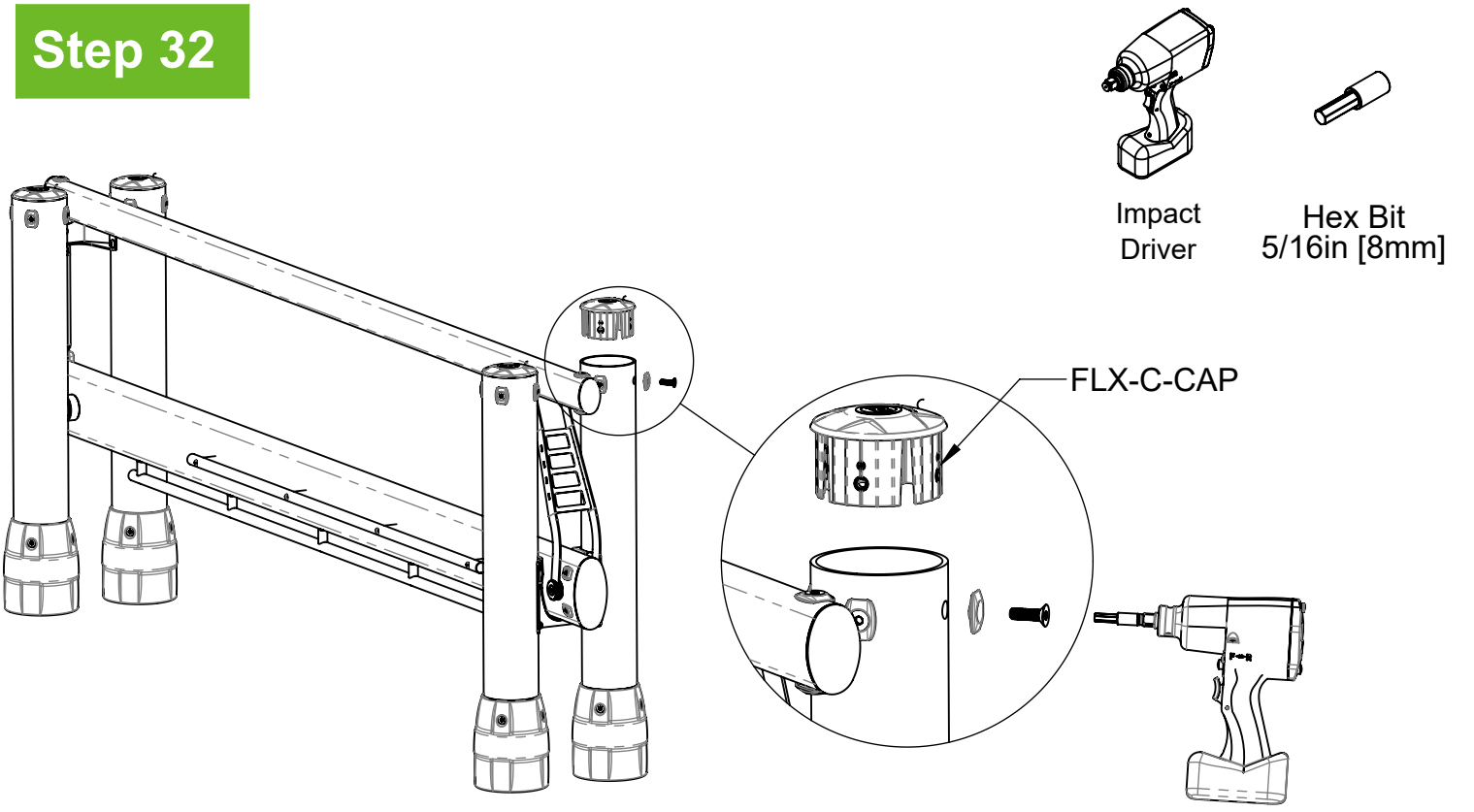
Step 30



Step 31



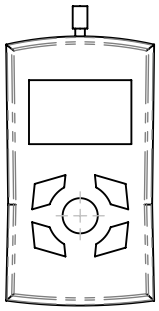
Step 32

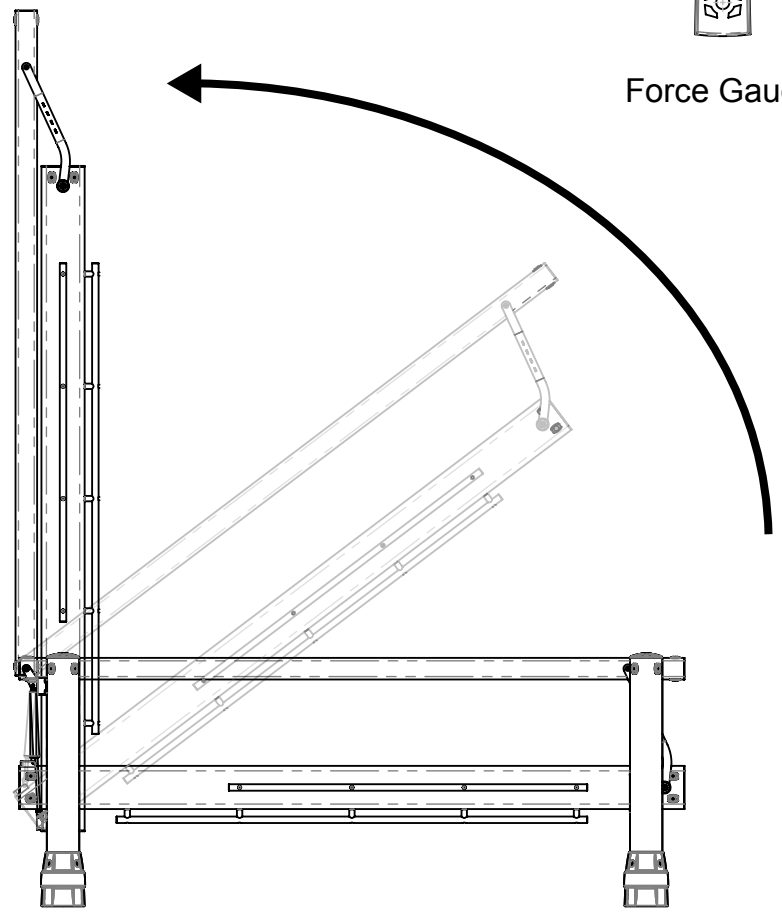


REPEAT FOR ALL CAPS

Step 33

Follow instruction on McCue Safety Gate Requirements Document to verify the force required to open the gate arm is within tolererance. Use a handheld Force Gauge for accurate readings.



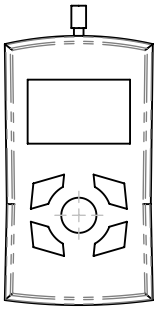


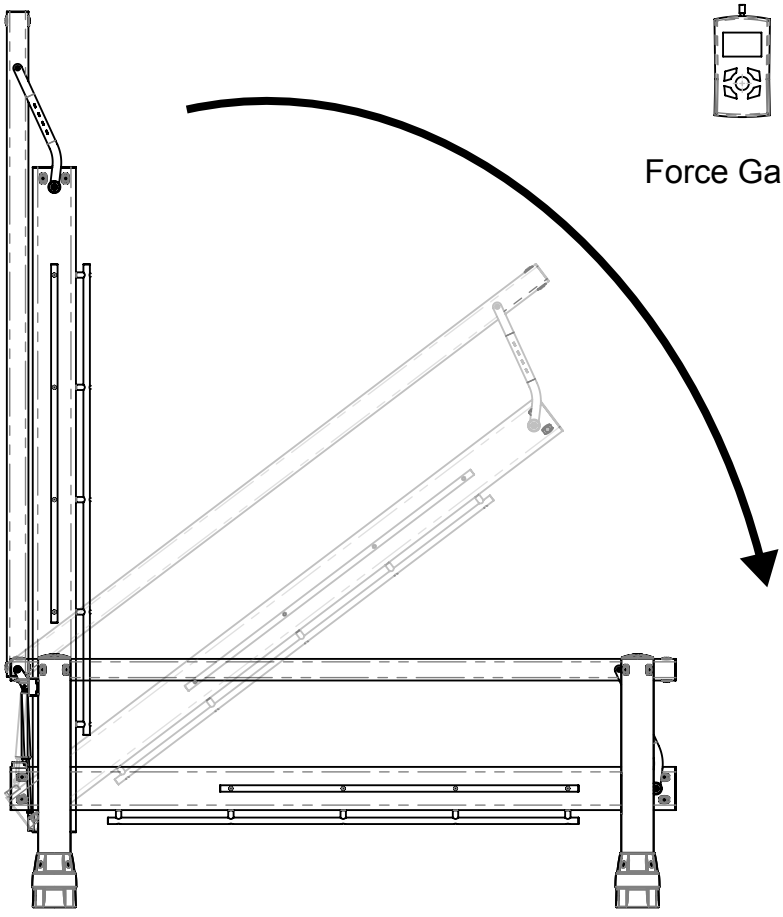


Force Gauge

Step 34

Repeat for closing forces.





Force Gauge

Installation Complete

