

# SpeedGate PDXT Installation Guide

# Tools Required

# Included

## Tool Description

## Used For

### Anchor Installation:

SDS - MAX Hammer Drill	Drilling Holes in Concrete
Hilti 1 1/8" Masonry Drill Bit for SDS – MAX (Hilti Product#340709) or equivalent	Concrete Anchors (hole depth of 9" required)
Hilti 3/4" Drive adaptor for SDS – MAX (Hilti Product#32221) or equivalent	
Hilti 1 1/2" Socket SDS/TE-C chuck type (Hilti Product#65284) or equivalent	Driving Anchors into Epoxy
Combination Wrench 1 1/2"	For Leveling Nuts
Shop Vacuum 1" round steel brush, air pump (not bulb type)	Clean Out Anchor Holes in Concrete
Rotating Laser Level	Leveling Anchors

### SpeedGate Installation:

Telescopic boom forklift or equivalent with a reach capacity of at least 4' above gate structure	Lifting Gate/Parts
Scissor lift (preferred) OR Scaffolding with wheels	Working on Gate Structure
Eye-to-Eye Sling with Vertical Lift Capacity of 6400lbs – 1 piece (16' – 20')	Lift Gate/Parts
Eye-to-Eye Sling with Vertical Lift Capacity of 2000lbs – 2 pieces (4' – 6')	Lift Gate/Parts
C-clamps or equivalent – 4 pieces (6" – 8")	Lifting Gate Panels
Bubble/Spirit Level - 4' OR Larger	Leveling Gate Structure & Anchors

### General SpeedGate Tools:

Extension Cord 100 – 200'	As Jobsite Conditions Require
Angle grinder	Cutting Concrete Anchors
3 – 4 lb Sledge/Ball Peen Hammer	Miscellaneous
Combination Wrenches 3/4", 1/2"	Gate Fasteners
Ratchet 1/2" drive with 3/4" Deep Socket OR 3/4" Socket with Extension	Gate Fasteners
Ratchet 3/8" or 1/4" drive with 1/2" & 7/16" Socket	Gate Fasteners
Allen key/Hex key Set	Gate Fasteners
Torque Wrench 1/2" drive with 1/2" hex head	Gate Fasteners
Plug Tap – 1/2" NC-13	Hinge Bolt Holes
Cutting Oil/Fluid & Cleaning Rags	Tapping
1/2" Cordless Drill with Robertson/Square, Phillips, 1/4" Bit Driver and 1/8" concrete drill bit.	Gate Structure & Electrical
1/2" Corded Drill with 1/4", 3/8", and 1/2" Cobalt Drill Bits	Drilling Through 1/4" Steel
1" Hole Saw	Drilling Through 1/4" Steel
1/4" Multi-Drive Screwdriver	Gate Fasteners
Measuring tapes, wire cutters/strippers, utility knife, permanent marker, multi-meter	Miscellaneous
Pail/mixing wand/trowel, for grouting beneath flange mount plates	Gate Columns



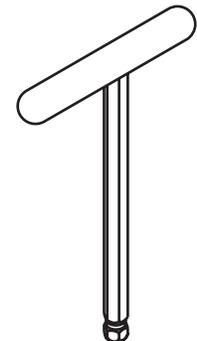
T-Handle Lock Key  
*(if applicable)*



Paracentric Lock Key  
*(if applicable)*

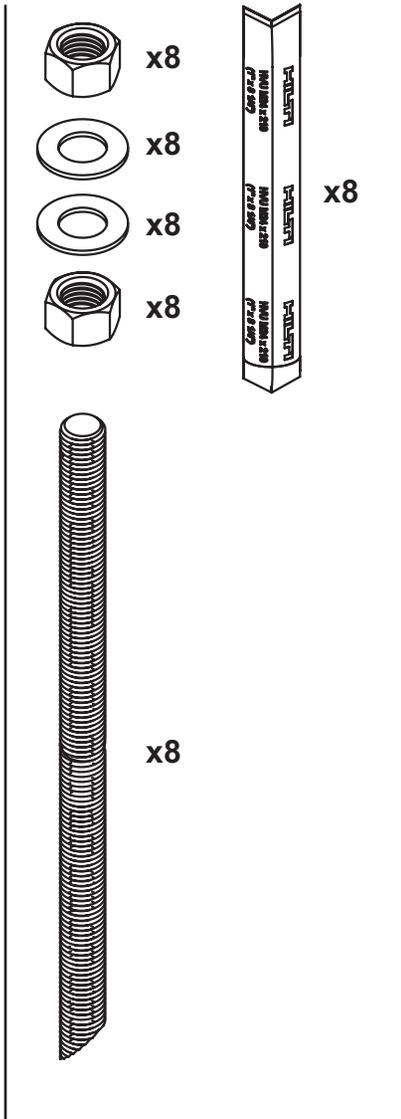
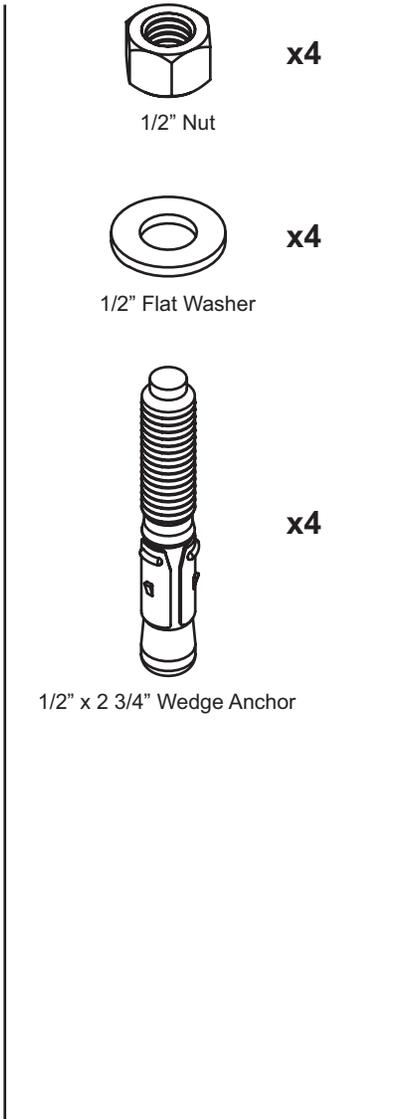
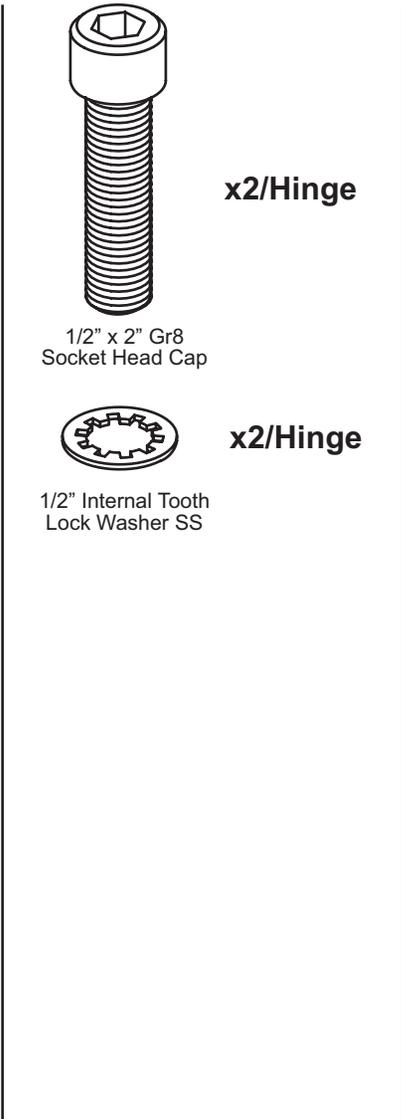
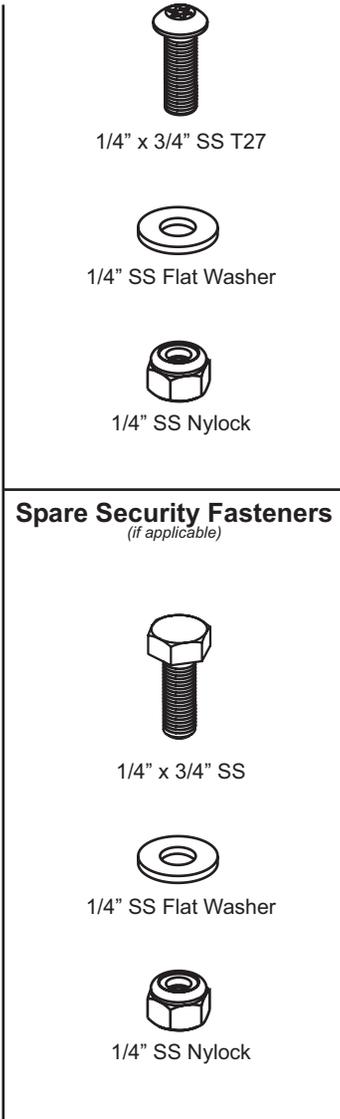


T-27 Security Driver Bit  
*(if applicable)*

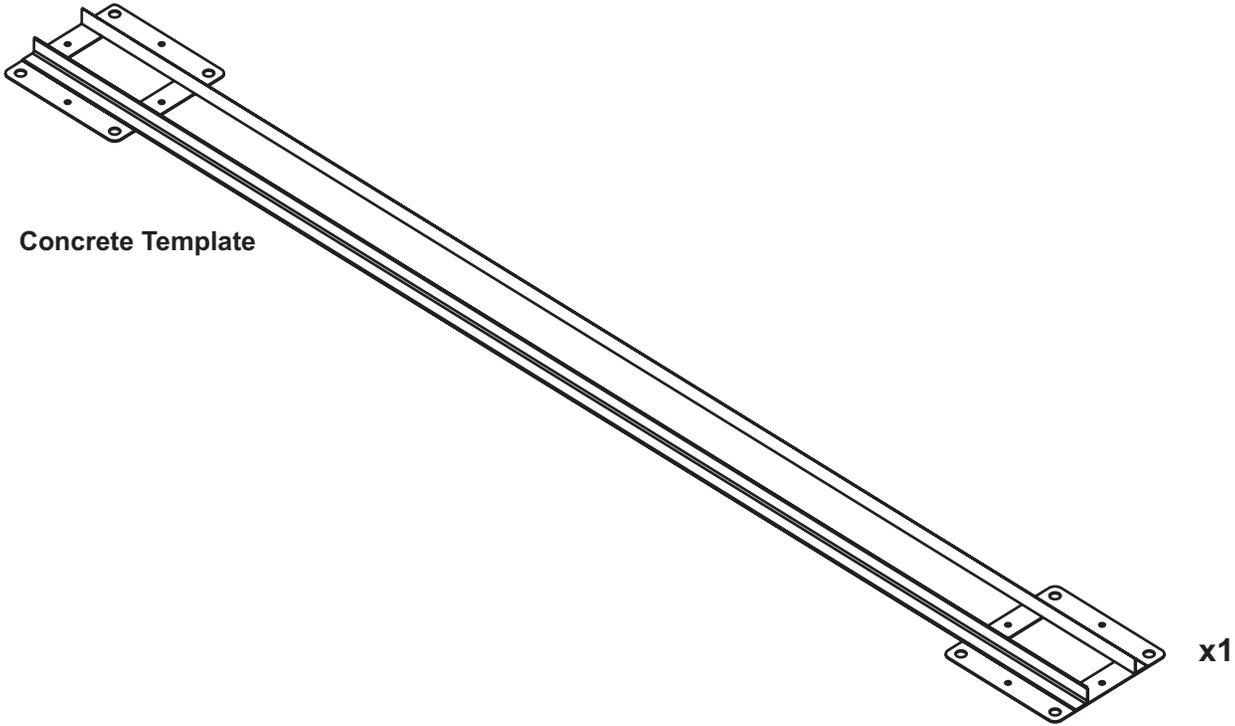


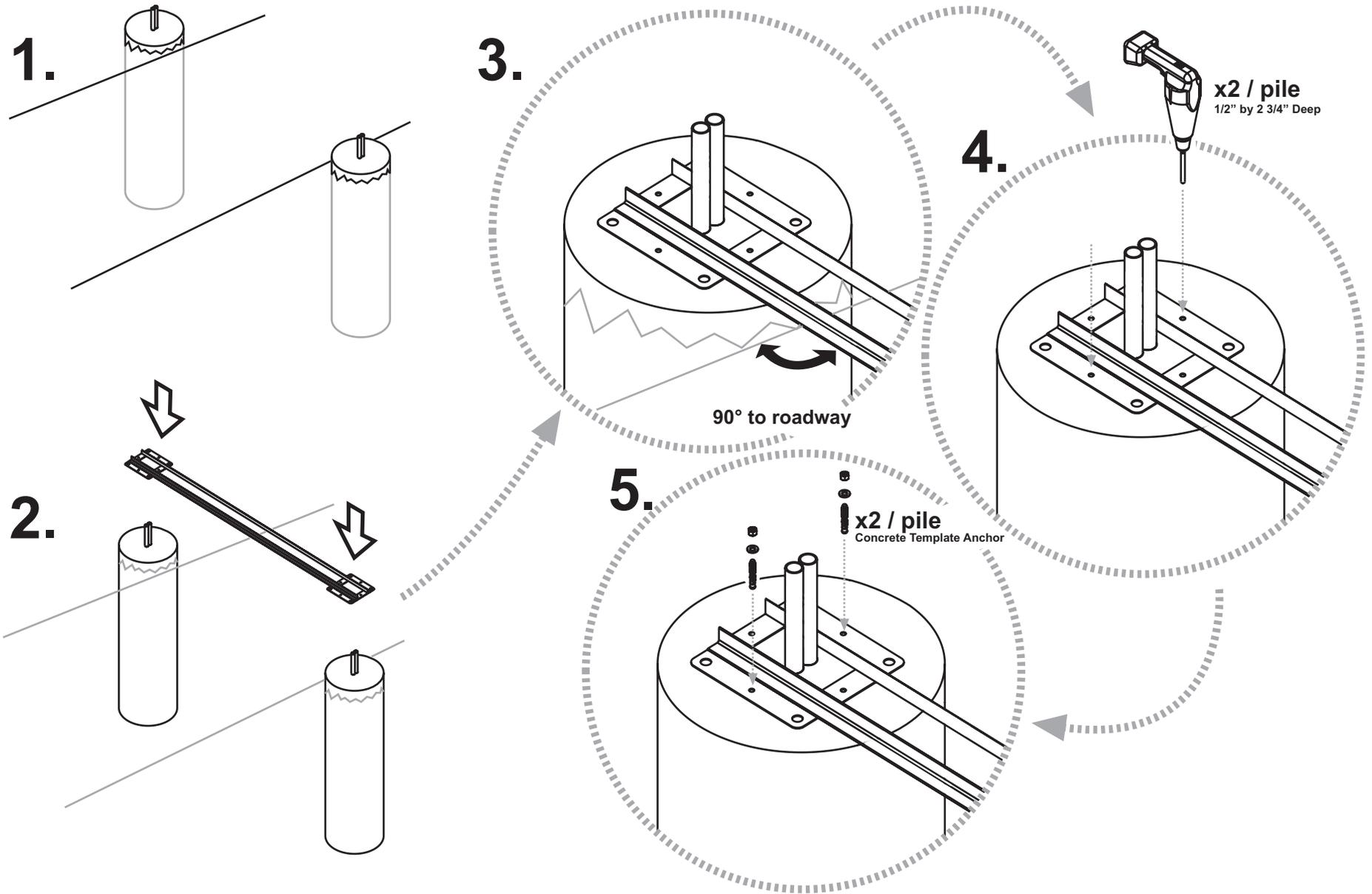
3/8" Ball Nose  
T-Handle Driver

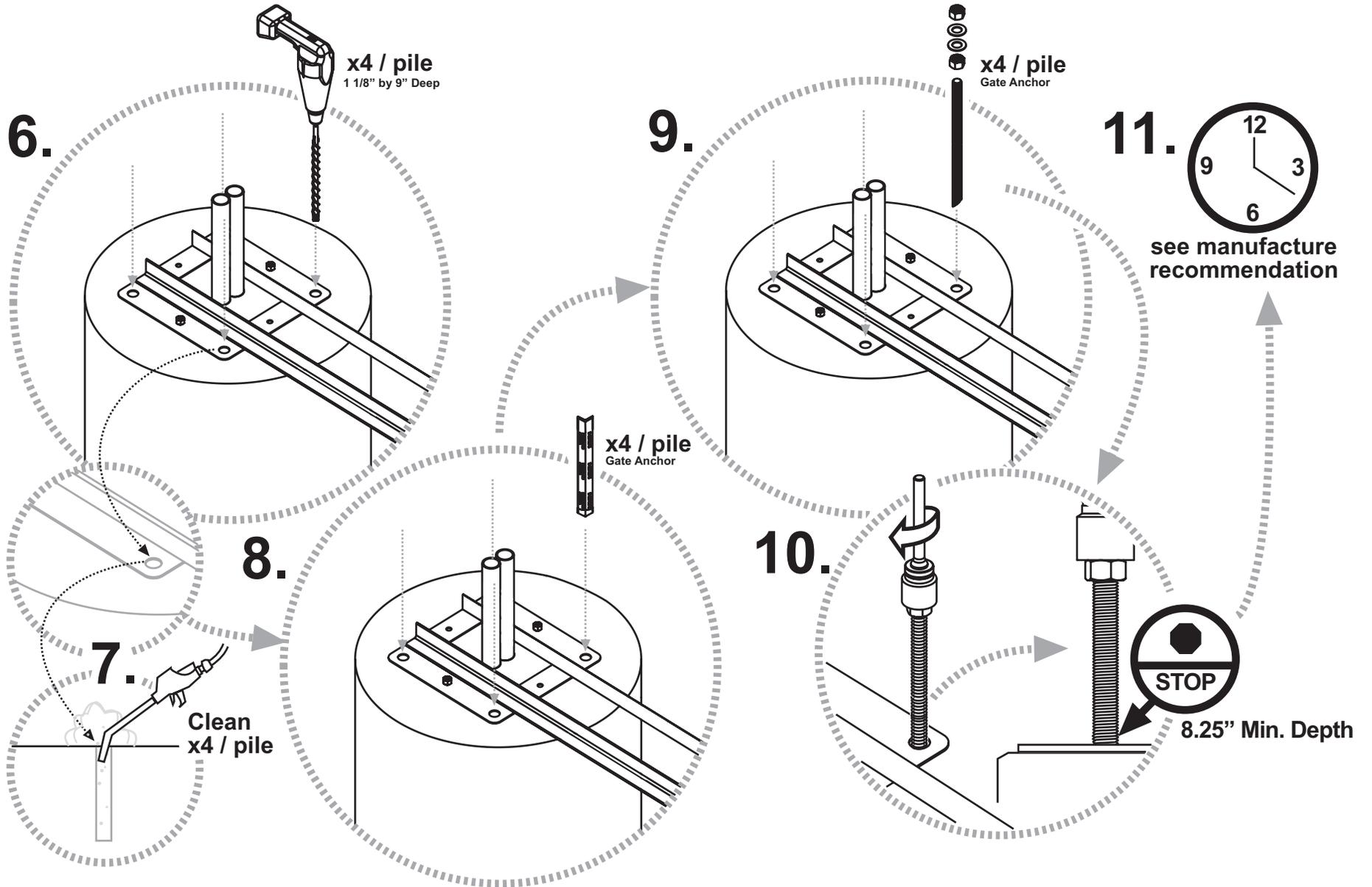
# Fasteners

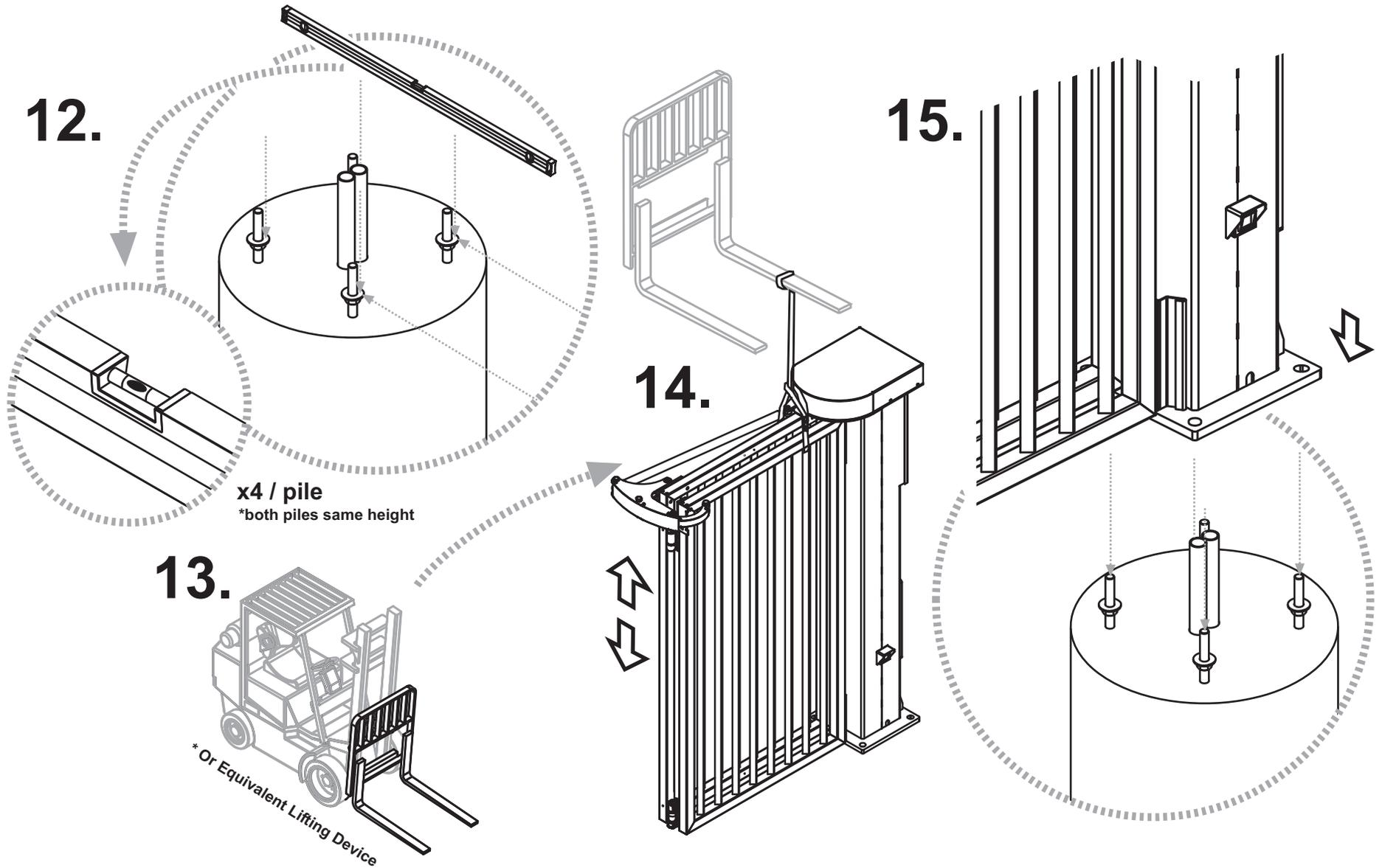
 <p>x8</p> <p>x8</p> <p>x8</p> <p>x8</p> <p>x8</p> <p>x8</p>	 <p>x4</p> <p>1/2" Nut</p> <p>x4</p> <p>1/2" Flat Washer</p> <p>x4</p> <p>1/2" x 2 3/4" Wedge Anchor</p>	 <p>x2/Hinge</p> <p>1/2" x 2" Gr8 Socket Head Cap</p> <p>x2/Hinge</p> <p>1/2" Internal Tooth Lock Washer SS</p>	 <p>1/4" x 3/4" SS T27</p> <p>1/4" SS Flat Washer</p> <p>1/4" SS Nylock</p> <p><b>Spare Security Fasteners</b> <i>(if applicable)</i></p> <p>1/4" x 3/4" SS</p> <p>1/4" SS Flat Washer</p> <p>1/4" SS Nylock</p>
<p><b>Gate Anchor</b></p>	<p><b>Concrete Template</b></p>	<p><b>Hinge</b></p>	<p><b>Spare Regular Fasteners</b> <i>(if applicable)</i></p>

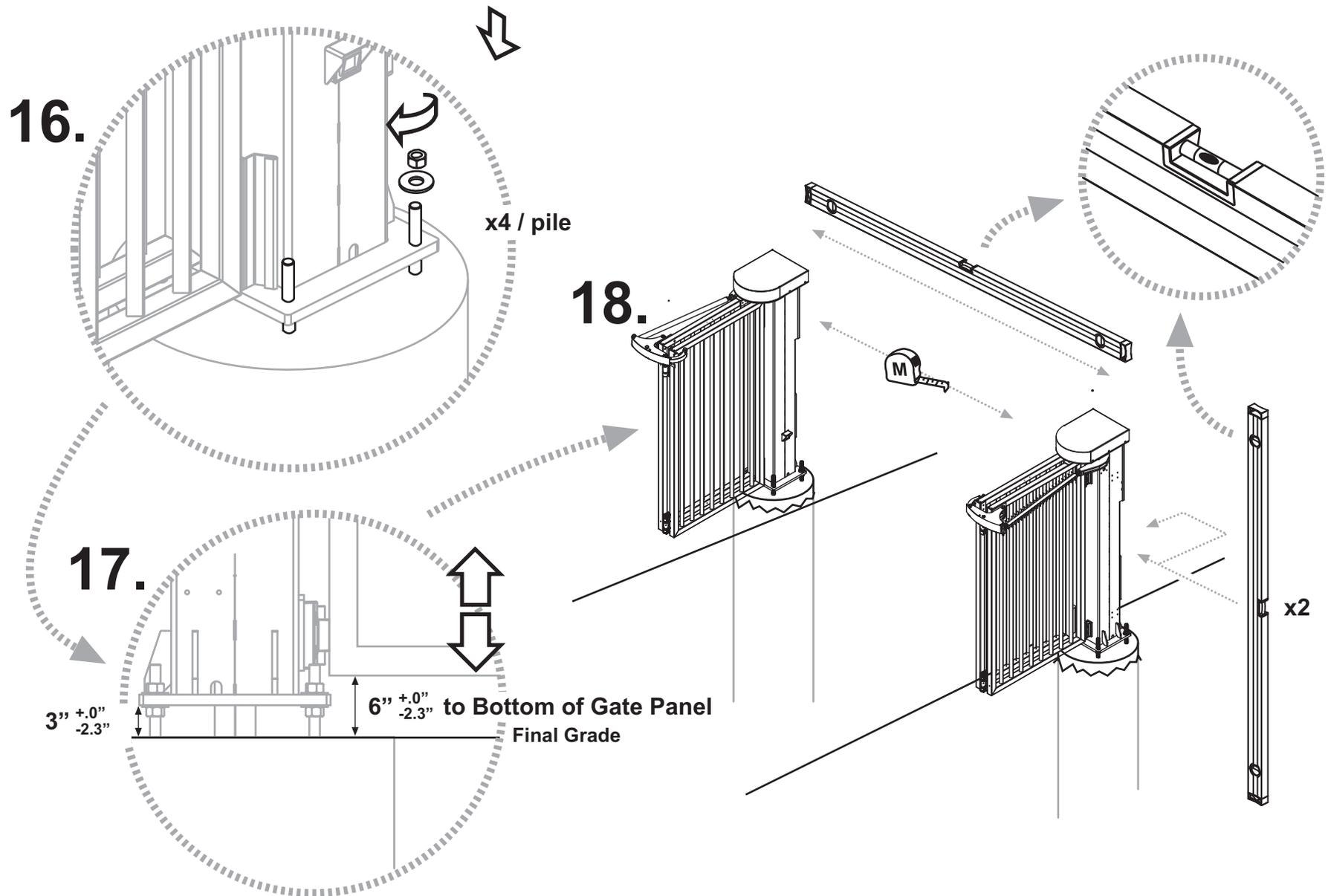
# Assemblies (PDXT)

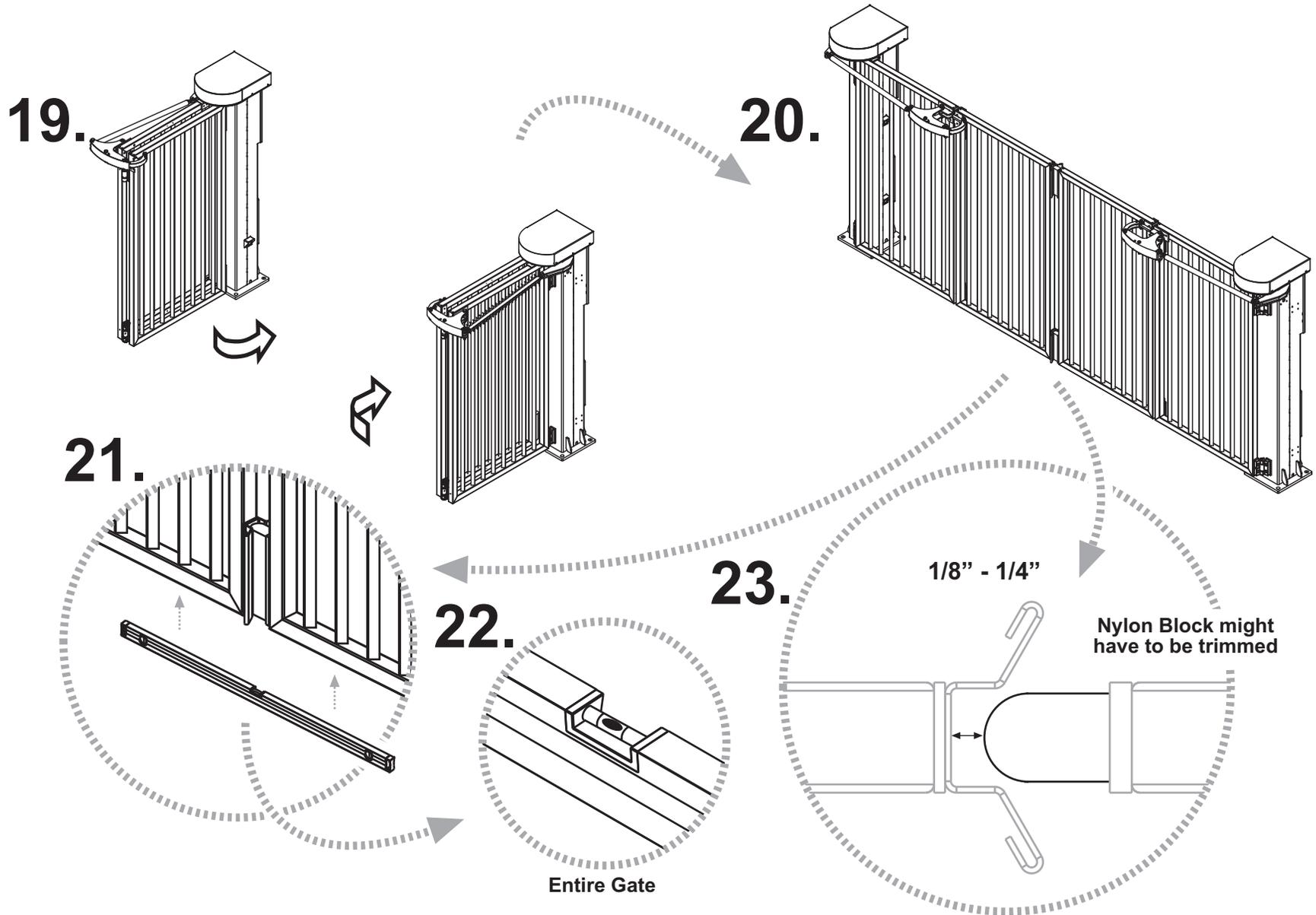


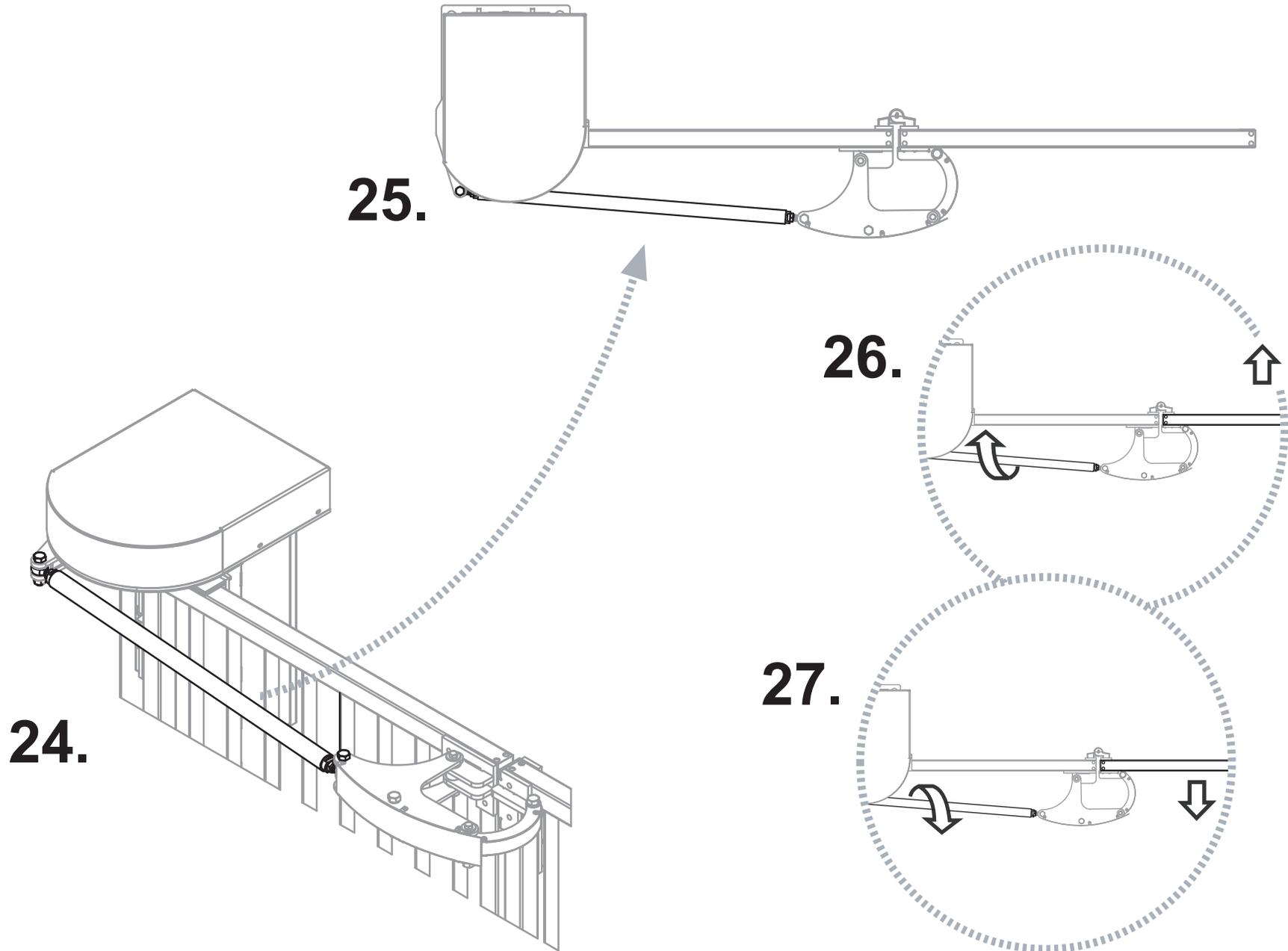






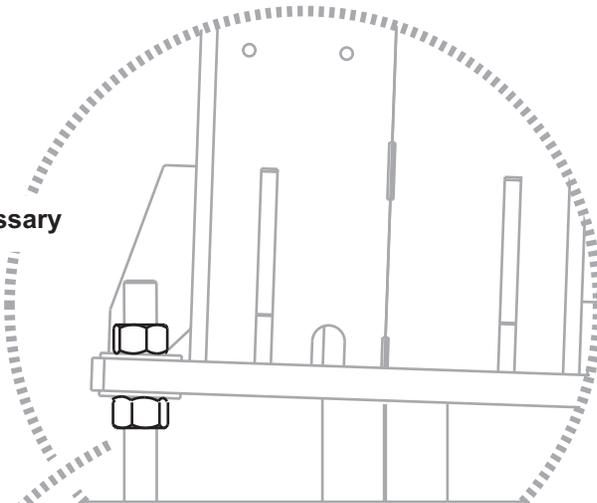




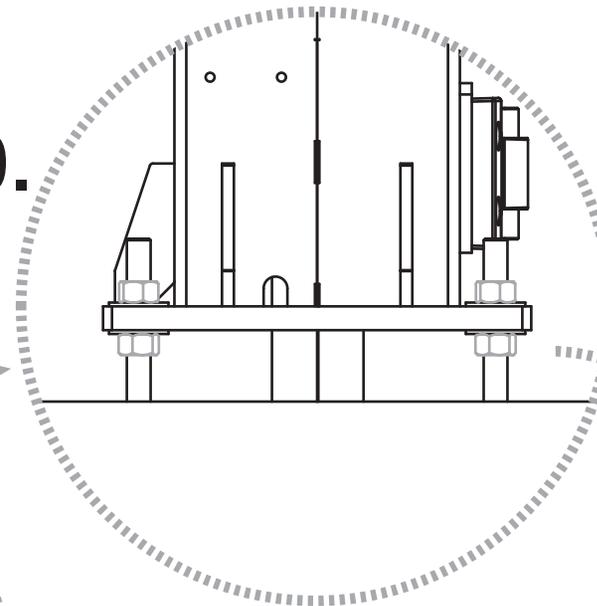


**28.**

\*If Necessary



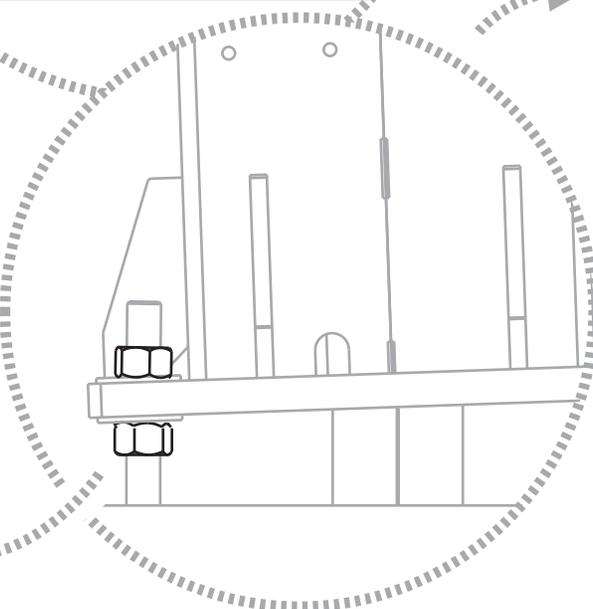
**30.**



x4 / Column  
Approx. 210 ft/lbs

**29.**

\*If Necessary



**31.**



The SpeedGate can now be wired.