



DIVERSIFIED FALL
PROTECTION

Swing Gate Installation Manual

Revised: 5/26/2020

Address : 24400 Sperry Drive. Westlake, Ohio 44145

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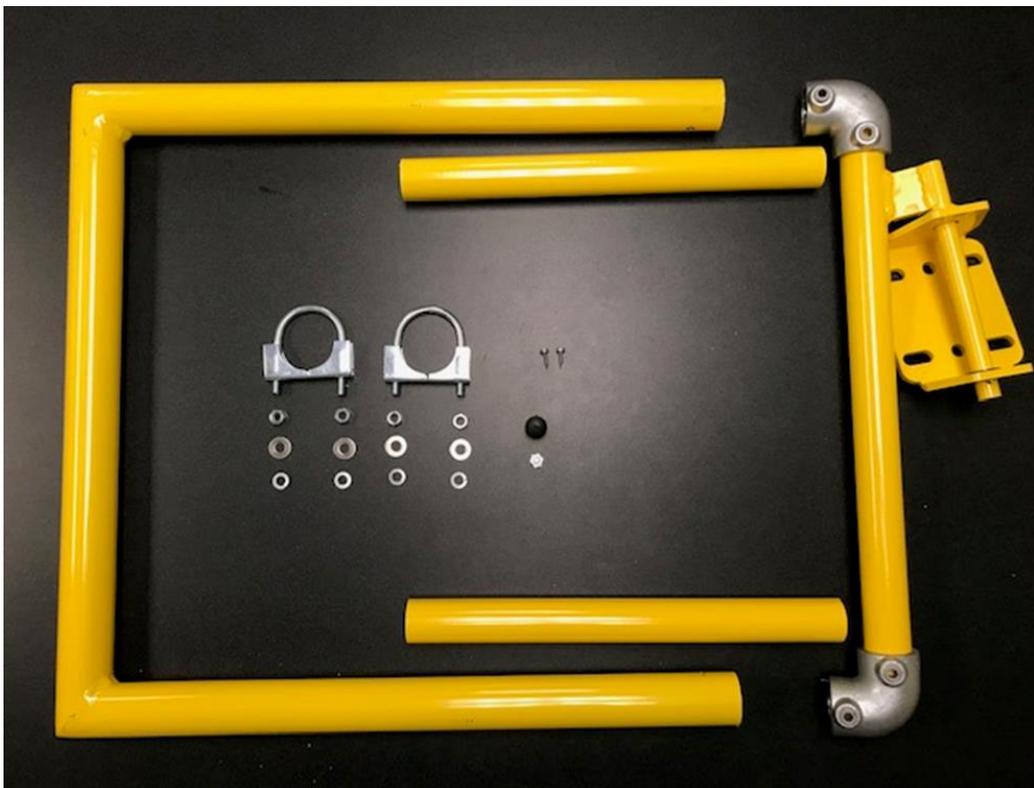
Email : Info@FallProtect.com **Website**: www.FallProtect.com

- **PURPOSE:**

- The purpose of this document is to illustrate the assembly of a Gen2 Swing Gate.

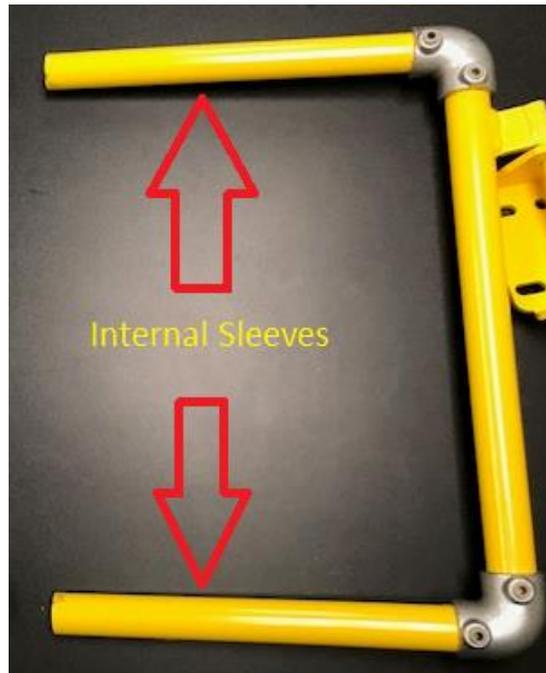
- **EQUIPMENT AND CONSUMABLES:**

- 1/4" Drive Impact Gun
- 3/8" Male Socket Adapter
- 1/4" Allen Key Socket or Wrench
- 1/2" Socket
- 1/4" Nut Driver

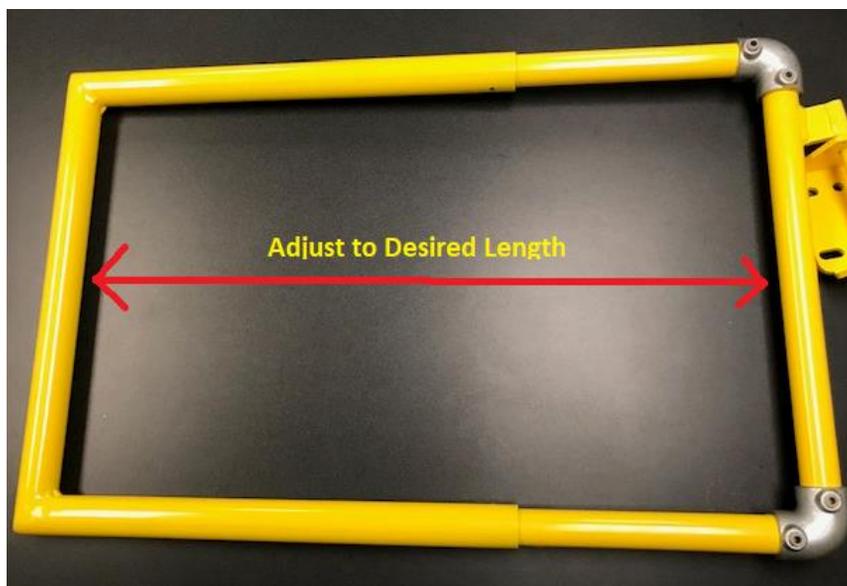


<u>Description</u>	<u>QTY.</u>
Self-Tapping Screw	2
Flat Washer (5/16")	4
Lock Washer (5/16")	4
Nut (5/16")	4
U-Bolt with Backer Plate	2
Cotter Pin	1
Rubber Bumper	1
1/4"-20 Tap Bolt	1
90 Degree Elbow Clamp with Set Screws	2
Swing Gate Assembly (welded pipe to shaft)	1
"P" Return	1
Internal Sleeve (14.25" Long)	2
Hinge Bracket	1
Flange Bearing	2

- Begin by inserting the internal sleeves into the 90 degree elbow clamps; do not tighten set screws on clamps.



- Next, with the internal sleeves loosely inserted into the elbow clamps, slide the “P”-Return over top of the sleeves until the desired overall length is achieved.



- Once the gate has been adjusted to the desired length, tighten the set screw on both elbow clamps to secure the internal sleeve. *Very Important*, make sure the internal sleeve is inserted fully into the elbow clamp. This can be visually confirmed by looking through the hole in the set screw.



- Next, secure the “P” return using the impact gun and a ¼” nut driver; insert the self-tapping screws (2) through the pilot holes on the “P” returns into the internal sleeves.



- It is now time to mount of the swing gate. Tip: remove the hinge bracket from the rest of the swing gate. Do this by removing the cotter pin and sliding the hinge bracket down the shaft. Using the supplied U-bolts, flat washers, lock washers, and nuts; mount the hinge bracket in its desired location. Use the impact gun to properly tighten u-bolts.



- Once the hinge bracket has been secured, mount the gate by inserting the shaft through both of the flange bearing. Secure the gate by re-installing the cotter pin.
- Lastly, install the rubber bumper onto the hinge bracket in one of the two holes on the top of the bracket. Determine which hole to use based on the swinging direction of the gate. When installed properly the gate will open in only one direction.



- Installed Swing Gate:



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