

# G4 Headlock Installation Guide

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5DOC33150

rev. 03/22

**Step 1:** Determine mount height of top bracket based on mounting height chart.

### Lockup Mounting Height Chart:

	Cow Locks	Heifer Locks	Calf Locks
Weight	800 lbs- 1500 lbs	450 lbs- 800 lbs	200 lbs- 450 lbs
Mounting Height (A)	18" - 20"	16" - 18"	12" - 16"

\* Critical for cow comfort

**Step 2:** Mount top brackets in a straight line. Use laser if available. *Hint: Mounting top brackets in a straight line will greatly improve the ease of installation and performance of lockups. Use laser level if possible. Do not follow concrete as it often varies due to normal construction tolerances.*

**Step 3:** Hang lockups on top bracket with the **counterweight on the cow side**. Install vertical bolts, snug nuts to secure, but do not tighten completely.

**Step 4:** Trim bottom square tube ends to fit between the posts. Insert bottom clamp into tube. Tip in between posts and secure clamp. Once bottom is secure, tighten bolts in the top clamp.

### IMPORTANT:

When installing Slant Bar panels and Headlock panels, the installer **MUST** be aware of the Lower Gap (between the bottom of the lowest rail and top of the curb) and adhere to the following dimensional guidelines:

**MINIMUM Gap:** 1.5" This keeps the bottom rail out of manure and feed and increases longevity.

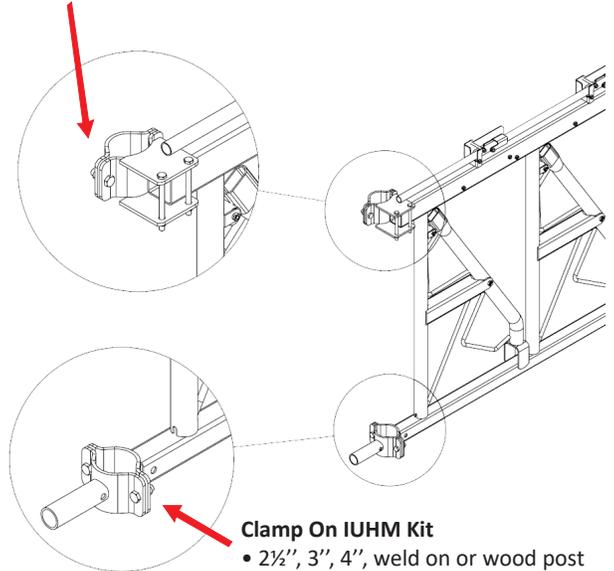
**MAXIMUM Gap:** 2.5" Any gap larger than 2.5" will allow the cow to put their hoof under the lockup and **MAY CAUSE INJURY** to the animal.

### NOTE:

Since the concrete curb is not always perfectly level (or at a consistent grade) the Lower Gap can vary along the run. **THEREFORE**, a laser should be used to assist the installer in getting the panels as straight as possible while maintaining the Lower Gap tolerances above.

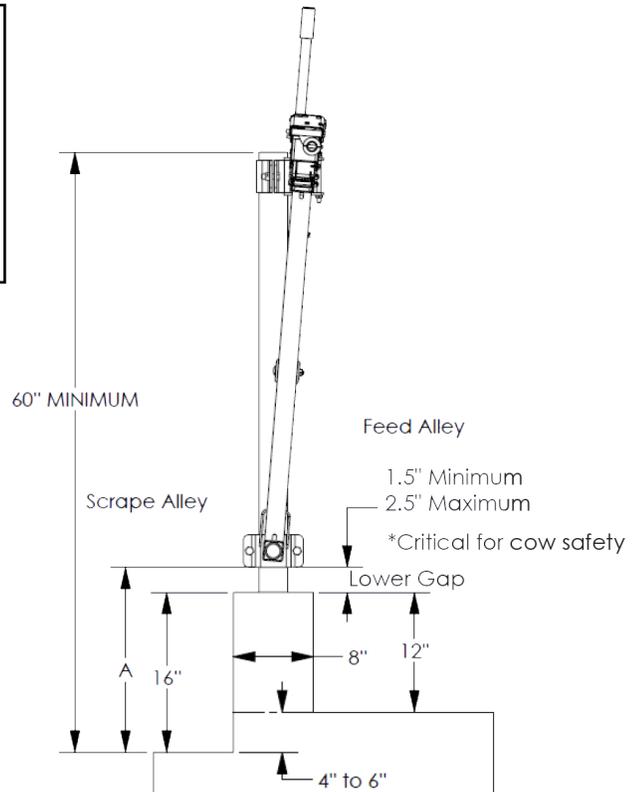
### Clamp On UHM Kit

- 2½", 3", 4" weld on or wood post
- (See reverse for Document #)



### Clamp On IUHM Kit

- 2½", 3", 4", weld on or wood post
- (See reverse for Document #)



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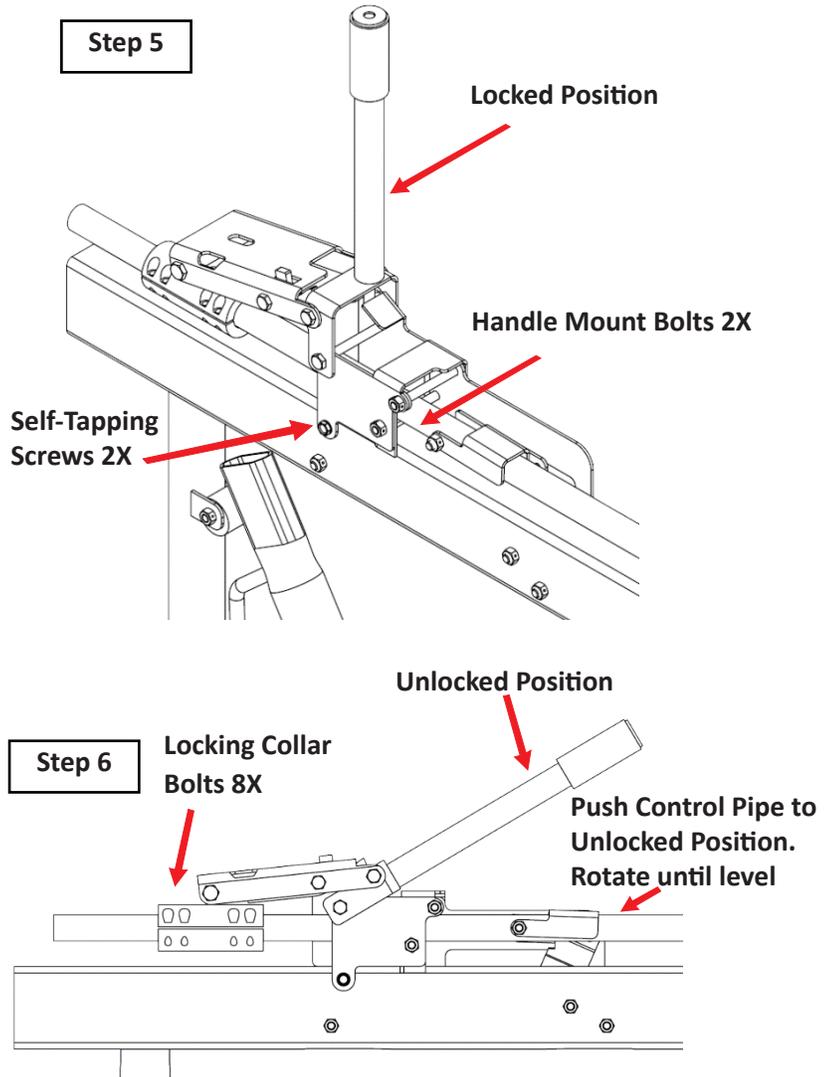
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**Step 5:** Bolt handle mount to the lockup control pipe holder at desired location using 2 provided bolts. Install 2 self-tapping screws on each side. Handle can be mounted at any head opening.

**Step 6:** Move handle to the unlocked positions (towards individual lock). Rotate until the Individual Locks are level and slide control pipe against the lifter until they can not move further. Tighten the bolts on the locking collar. This sets the unlocked position.

**Note:** Control pipes that are misaligned may not function as desired.

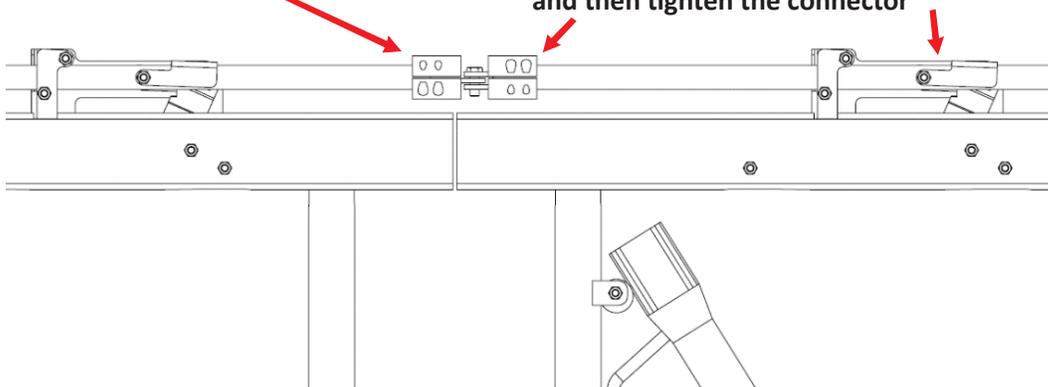
**Step 7:** Slide the connector onto the control pipe of the first lock and tighten. Rotate the control pipe of the next section until the individual locks are level. Slide control pipe until lifters are completely pushed to the side and will not move further. Tighten connector. Proceed to next section using same method.: **It is critical for proper function and performance to have all control pipes positioned correctly**



**Step 7**

Slide Connector in Position. Tighten handle section first.

Slide next section control pipe to locked position. Ensure individual lock is level and then tighten the connector



Size	Clamp On UHM Kit:	Clamp On IUHM Kit:
2 1/2"	3K00498	3K00583
3"	3K00503	3K00599
4"	3K00513	3K00597