

IT'S THE YEAR OF  
**INNOVATION**  
AT AMERICAN EAGLE  
MANUFACTURING



PATENT NUMBER  
9938087

# LOW PROFILE EAGLE CLAW CLAMP

## ECCLP48 & ECCLP60

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## INSTRUCTION MANUAL

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# DISCLAIMER/SAFETY

**1.1 Disclaimer** American Eagle Manufacturing LLC disclaims any liability for improper use or application of this product not in compliance with instructions and specifications contained herein or for any damages due to contamination of material as a result of users failure to maintain and inspect equipment. Liability shall be limited to the repair or replacement of AEM Equipment shown to be defective by cause of manufacturing.

**1.2 Safety** Adhere to all safety rules defined by government (OSHA/MSHA) 1910.147, owner/employer and site specific safety rules.

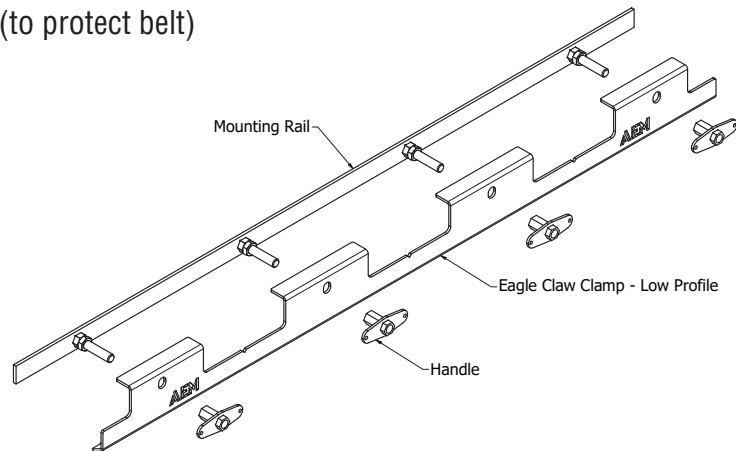
**- DANGER -**

Lockout/Tagout procedures must be followed before any maintenance, service, repair, or installation of equipment begins on the conveyor. Failure to follow all safety rules can result in injury or death.



## TOOLS REQUIRED

- Cutting Torch
- Welding Equipment
- Grinder
- Fire Extinguisher
- Welding Blanket (to protect belt)
- Tape Measure
- Marker/Chalk



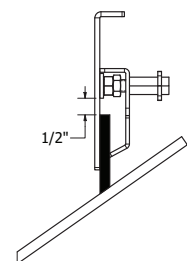
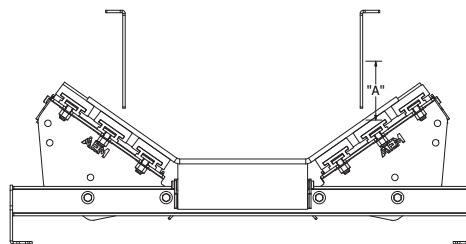
## INSTRUCTIONS

**SAFETY FIRST!** Make available a fire extinguisher and a welding blanket to protect belt.

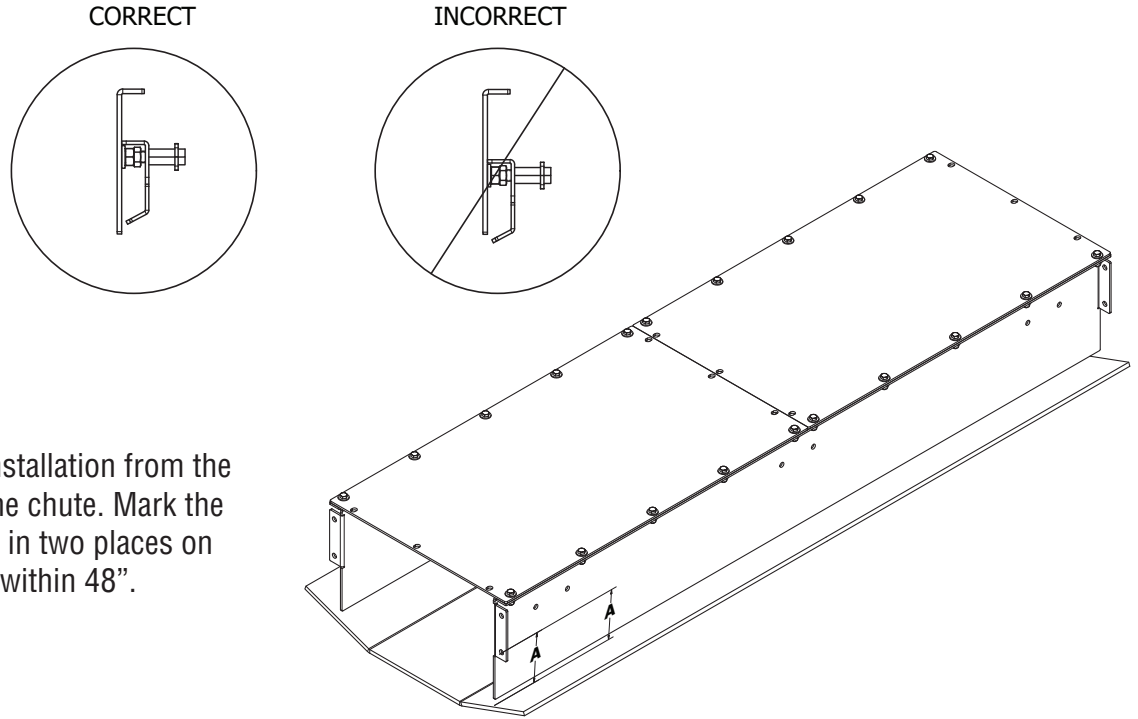
**STEP 1:** Remove all old clamps and brackets from chute walls with cutting torch or grinding equipment.

**STEP 2:** Determine the skirt board size that will be used on the conveyor system. Once that size is confirmed, reference the chart below to find the “A” dimension that corresponds to your skirt board size. From the belt surface, measure up to the “A” dimension and mark the chute.

| SKIRT BOARD HEIGHT | “A”    |
|--------------------|--------|
| 4”                 | 5-1/2” |
| 5”                 | 6-1/2” |
| 6”                 | 7-1/2” |

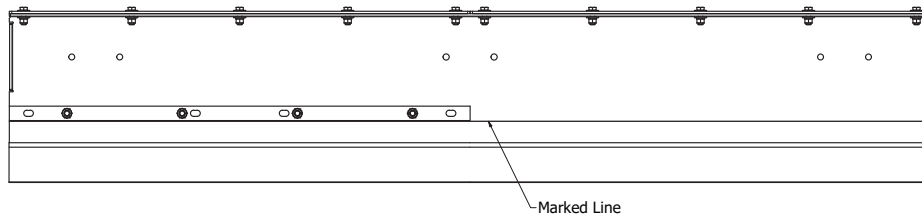


NOTE: Confirm that the Eagle Claw Clamp teeth will actually be on the chute wall from the “A” dimension.  
If not, adjust “A” dimension to a height that will accommodate the clamp teeth against the chute wall.



**STEP 3:** Always start installation from the **TAIL END** of the chute. Mark the “A” dimension in two places on the chute wall within 48”.

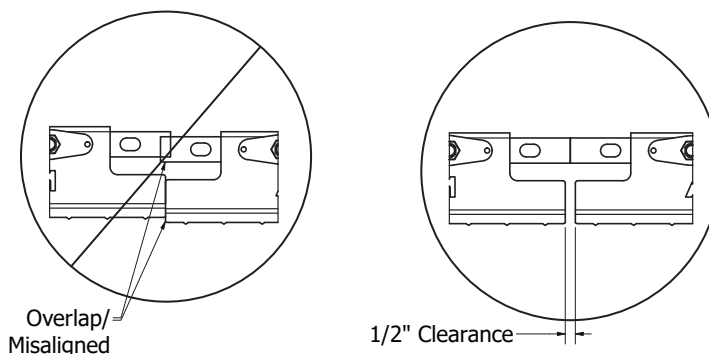
Align end of the mounting rail flush with the end of the chute wall and tack weld the first mounting rail. Make sure the mounting rail is tacked on top of the marked line as shown.



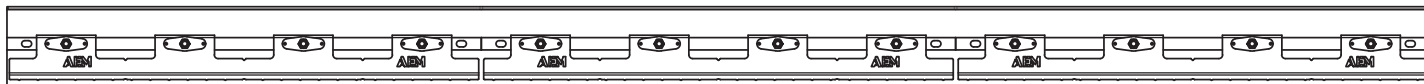
## STEP 4: FINAL CHECK

- A. Before finish welding the first mounting rail, place clamp onto the mounting rail to check fit.
- B. Confirm fit of skirt board. If current position does not allow skirt board to fit properly, reposition mounting rail to allow for correct fit.

\*NOTE: DO NOT wait until all of the mounting rails are welded onto the chute wall to check fit.  
Place each clamp onto each of the mounting rails after the rails are installed.



**STEP 5:** Continue installing the mounting rails down each side of the chute walls, placing each clamp onto the mounting rails. Ensure there is 1/2" of clearance between each clamp:



## STEP 6: Skirt Board installation

- Place skirt board between chute wall and clamp.
- With clamp loosened apply downward pressure to skirt board and tighten each handle on clamp.
- The teeth on the clamp will lock the skirt board in place at a downward angle ensuring no upward movement.

\* NOTE: As the skirt board wears it will need to be periodically adjusted down.

