IT'S THE YEAR OF
INNOVATION
AT AMERICAN EAGLE
MANUFACTURING

PATENT NUMBER
9938087

EAGLE CLAW CLAMP & PLATE INSTALLATION

ECCP48 & ECCP60

INSTRUCTION MANUAL

American Eagle Manufacturing LLC
866 713 8985
252 633 0603
85 Taberna Way
New Bern, North Carolina 28562
AmericanEagleManufacturing.com

IM-ECCP-2026-1

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

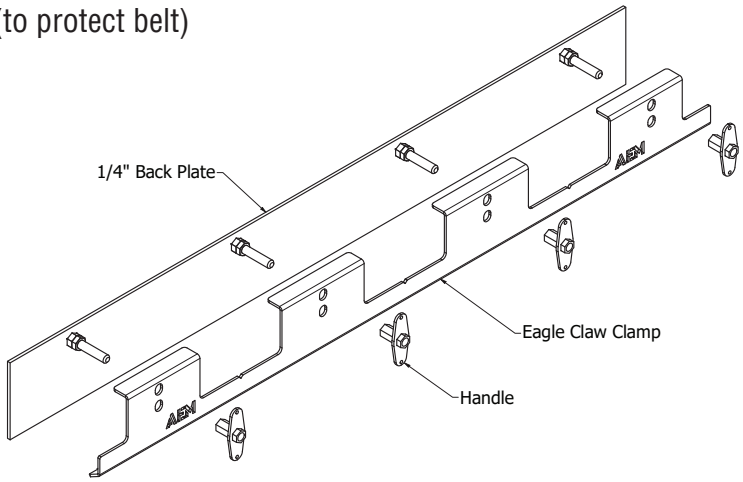
Adhere to all safety rules defined by government (OSHA/MSHA) 1910.147, owner/employer and site specific safety rules.

- 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



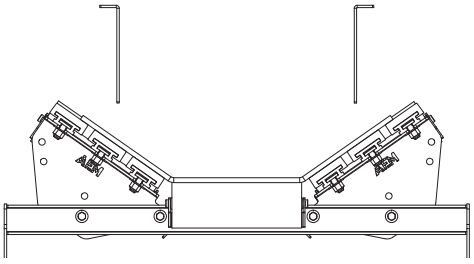
INSTRUCTIONS

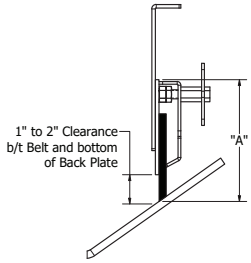
SAFETY FIRST! Make available a fire extinguisher and a welding blanket to protect belt.

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

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

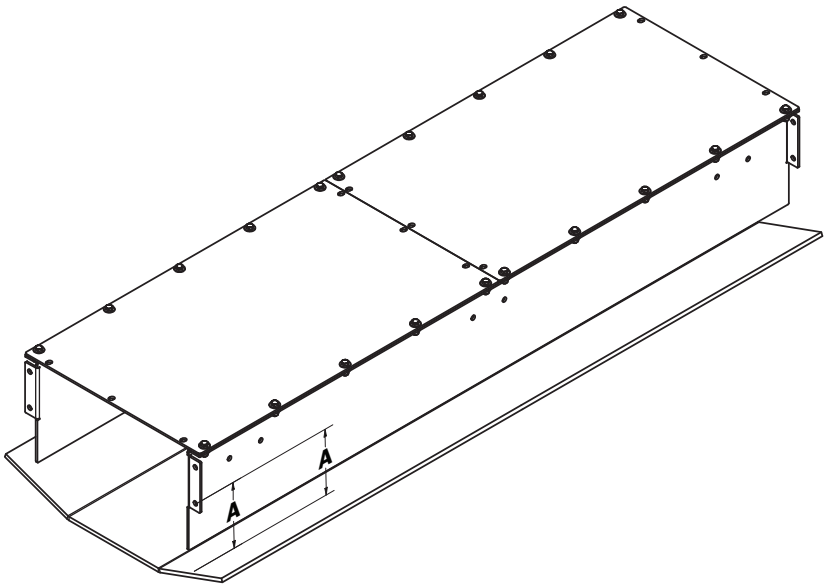
SKIRT BOARD HEIGHT	“A”
5”	7”
6”	8”
8”	10”



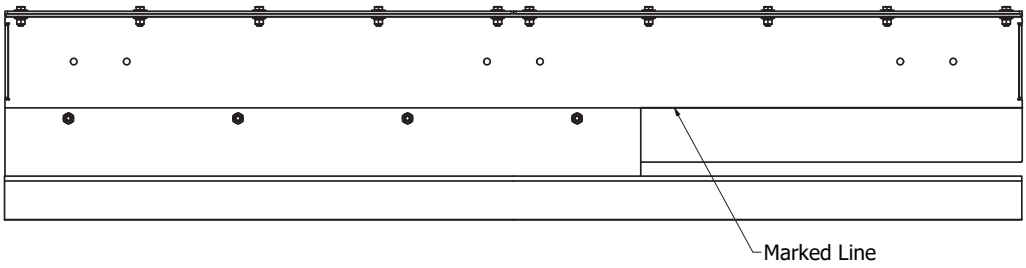


NOTE: Confirm that the bottom of the 1/4" Back Plate is between 1" and 2" from the surface of the belt. If no suitable material is present to weld the Back Plate at the correct height, it is recommended to replace the chute wall.

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 Back Plate flush with the end of the chute wall and tack weld the first Back Plate. Make sure the Back Plate is tacked below the marked line as shown.

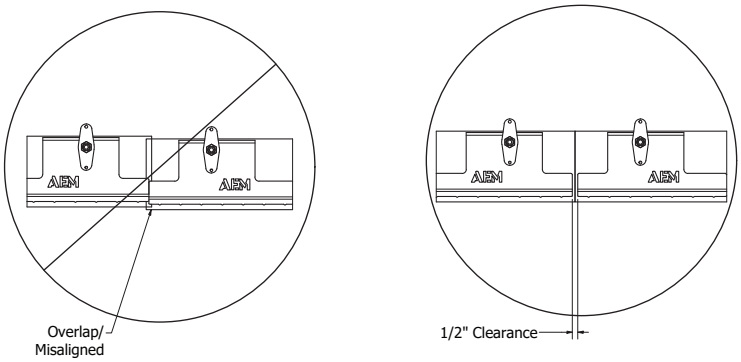


STEP 4: FINAL CHECK

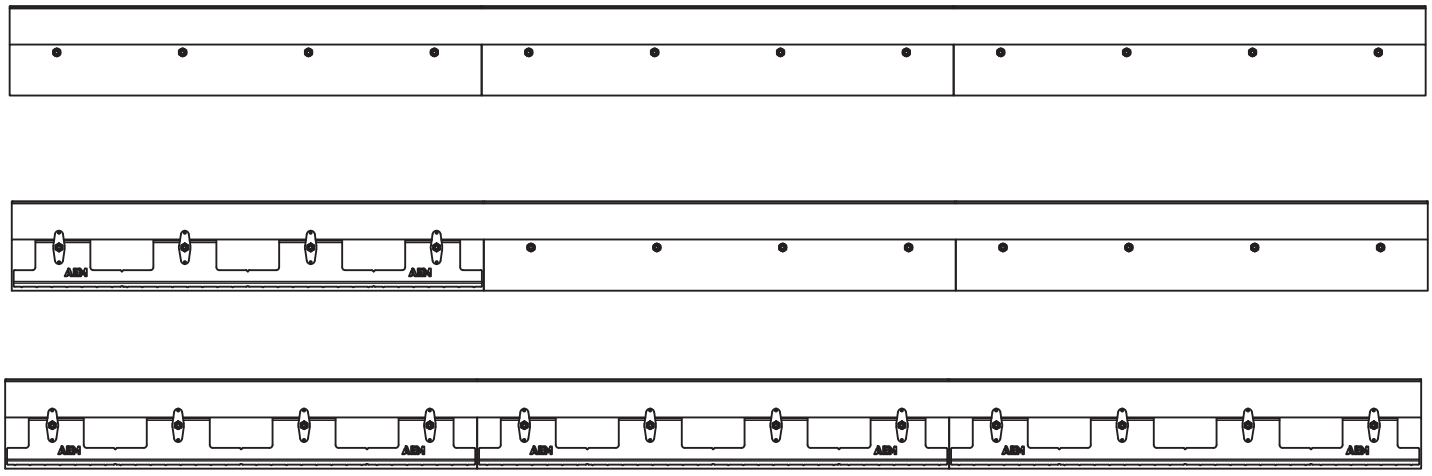
A. Before finish welding the first Back Plate, place Clamp onto the Back Plate to check fit using the top set of holes.

B. Confirm fit of skirt board. If current position does not allow skirt board to fit properly, reposition the Back Plate to allow for correct fit.

*NOTE: DO NOT wait until all of the Back Plates are welded onto the chute wall to check fit. Place each Clamp onto each of the Back Plates after the Plates are installed.



STEP 5: Continue installing the Back Plates down each side of the chute walls, placing each Clamp onto the Back Plates. Ensure there is 1/2” of clearance between each Clamp.



STEP 6: Skirt Board installation:

- Place skirt board between Back Plate 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.