OLD SCHOOL MANUFACTURING

THIS APPLICATION BAR IS PATENTED. ANY REPRODUCTION OF THIS WOULD BE SUBJECT TO PATENT INFRINGEMENT LAW

Scratch Pad Instructions

WEAR GLOVES

1. Lay the appropriate lengths of Scratch Pads end to end with the teeth facing up if Zapping before July 1st, or down for Zapping after July 1st. **(photo #4)**
2. Locate the BLACK C channel connection plates that join the Scratch Pad sections together. Scratch Pad assemblies that are less than 10’ will use a 17.5” BLACK C channel connection plate. Assemblies that are more than 10’ in length will use the 50” connection plates. **(photo #3)**
3. Use (8) 3/8” x 1” carriage bolts for the 17.5” C channel connection plates and (10) carriage bolts on the 50” connection plates. **(photo #3)**
4. The C channel connection plates should be evenly spaced over each Scratch Pad and be bolted with the smooth bolt head below the Scratch Pad and the nuts above. There will be 4 bolts used on either side of the seam and 1 additional bolt used in the furthest center slot at each end of the 50” C channel. **(photo #3)**
5. Locate the Scratch Pad Hangers. The 15’ booms will use (3) , the 30’ boom will use (6) and 40’ boom will use (8) Hangers .
The Hangers will be placed on either the TEETH side of the Scratch Pad or the Smooth side depending on the time of year. They will hang the Scratch Pad from the Large Insulators. Install the Hangers using (2) 3/8” x 1” bolts with the smooth head on the TOP. ONLY FINGER TIGHTEN for now. **(photo #1 & #3)**
6. Thread the Large Insulator onto the Steel Insulator Pin and tighten it.
7. Locate the Insulator Brace. Insert the Steel Insulator pin with 2 Shim washers (AS NEDED) through the center hole in the Insulator Brace. Check the gap between the Steel Insulator Pin washer and the Insulator Brace. Add 5/8" washers to fill the gap as needed. **(photo #2)**
8. Hang the sections from the Insulators in place of the copper pipes. **(photo #2)**
9. Use a drill with a 5/16” drill bit to place a hole in the Scratch Pad towards the inside of the large insulator at each section. Use ¼” bolts to connect the wing wires and main HV Cable to the Scratch Pads. **(photo #1**)

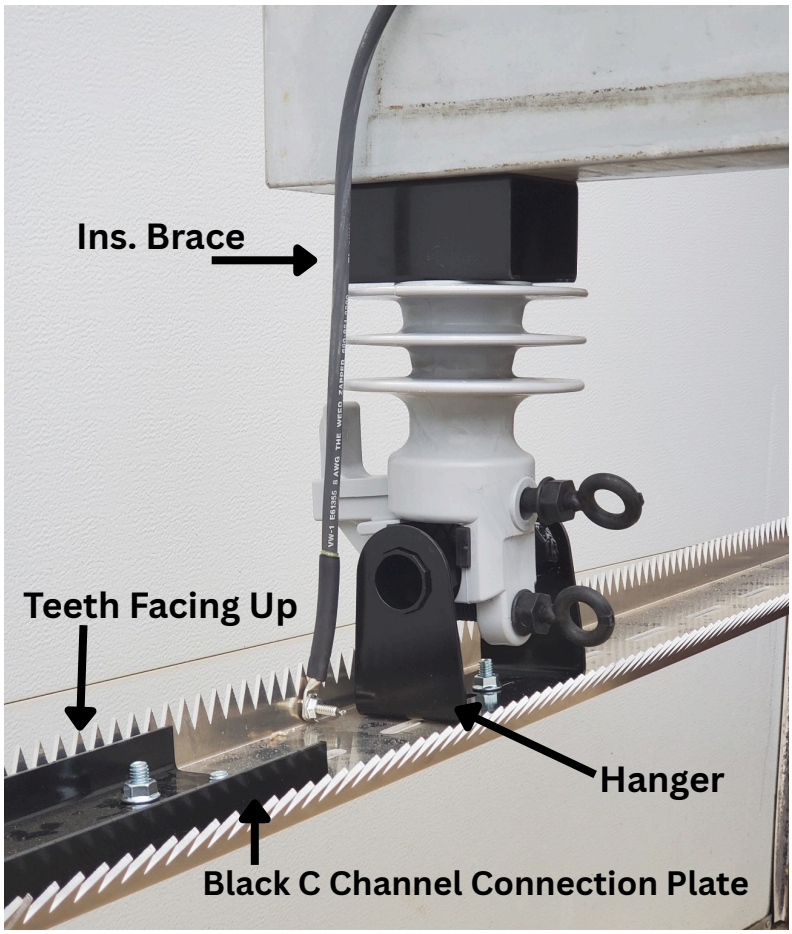


Photo 1

Photo 2

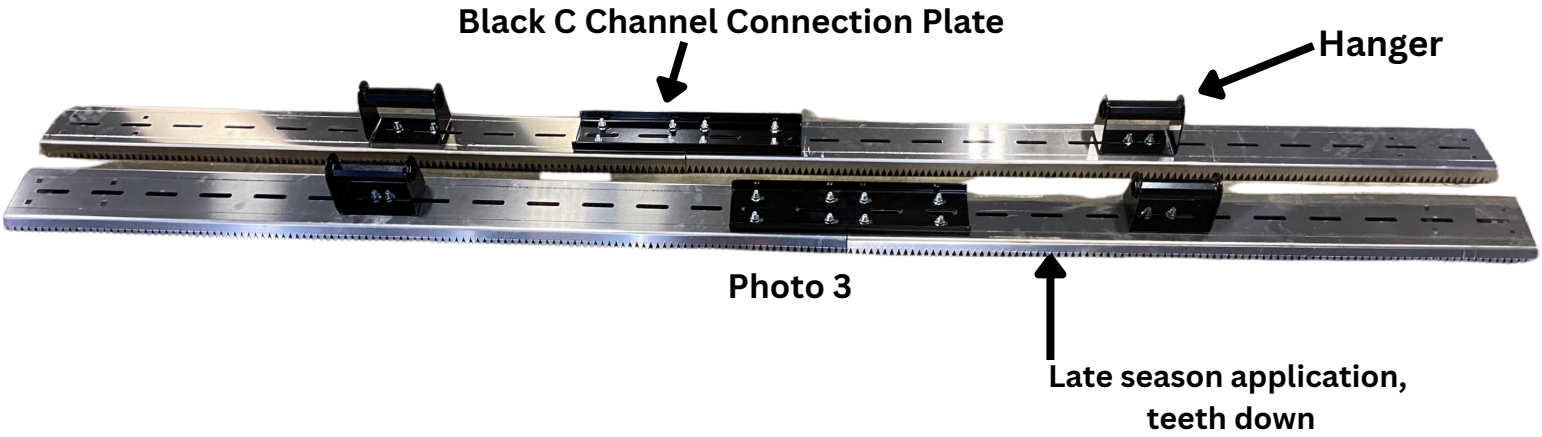
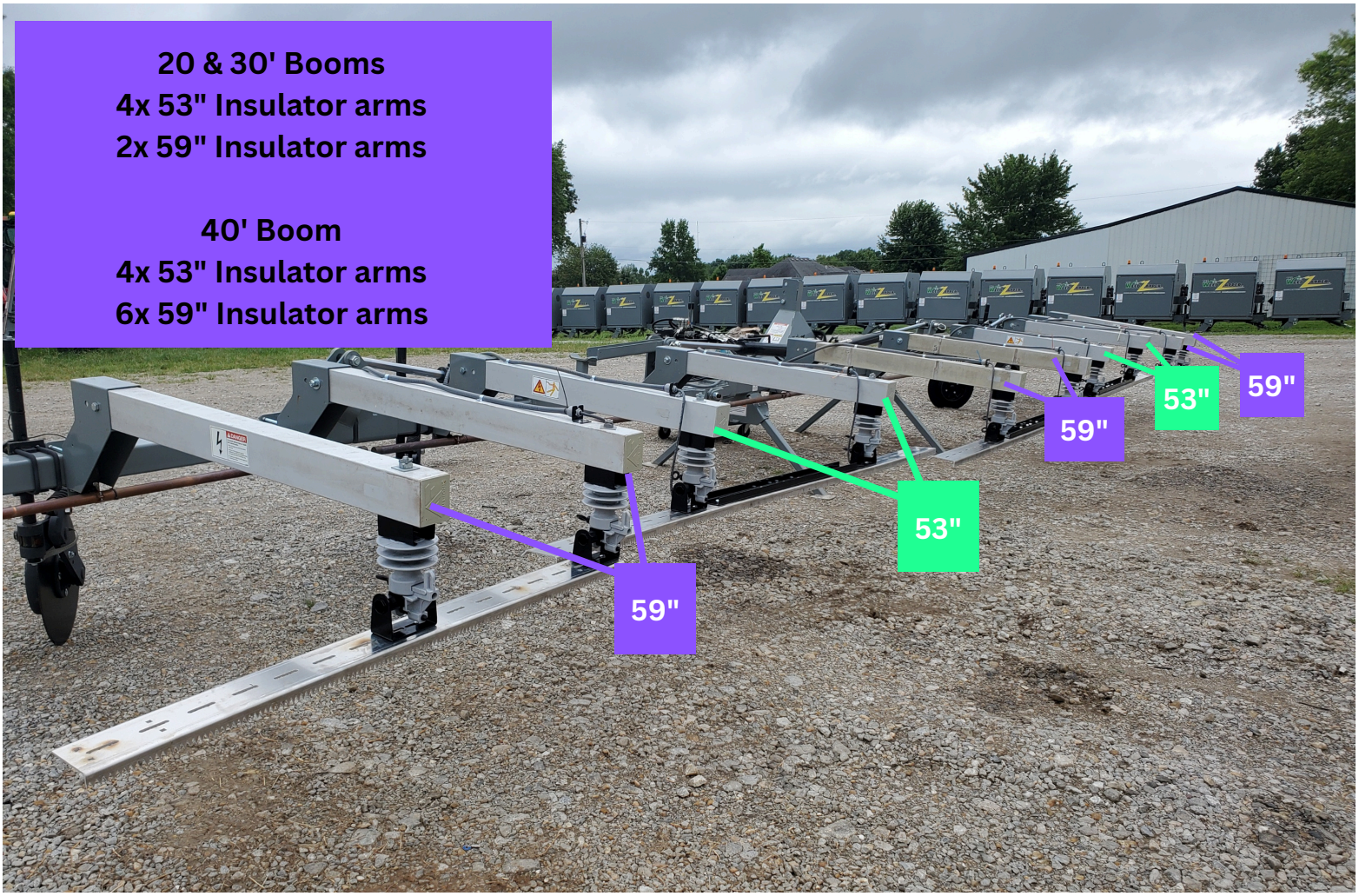


Photo 3


20 & 30' Booms
4x 53" Insulator arms
2x 59" Insulator arms
40' Boom
4x 53" Insulator arms
6x 59" Insulator arms
59"
53"
59"
53"
59"