Excavator Thumb Base Plate Installation

- Fold the excavator arm under until the bottom is as close to level as possible.
- Separate the base plate from the thumb by removing the pins.
- Place the base plate onto the arm sliding it as close to the bucket pin as possible. Make sure the bucket head will not touch the head bracket when curled. Center the base plate horizontally (side to side) on the excavator arm. Clamp the base plate in place ensuring that it is flat against the arm on all sides.
- Tack the base plate in 4 to 6 places on each side. Mount the thumb and stabilizer arm by placing the top stabilizer pin in the rear hole of the adjustment bracket.
- Ensure that the thumb and bucket are compatible together and then complete the welding on the base plate as per the drawing below.

**If the base plate has slots, make 3/8” to 1/2” skip welds around the inside of the slots.**

**Welds should be:**
- On SET-1 & 1.5 ~ 1/2” welds; weld 3” and skip 3”.
- On SET-2 & Up ~ 3/4” welds; weld 4” and skip 4”.

**Weld solid 1/2” weld with 7018 LH (Low Hydrogen) electrodes on SET-1 & SET-1.5. Weld 3/4” welds on SET-2 & Up. Weld around thumb mount section to 2” back from thumb brackets on both sides.**

***DRAWING IS SHOWN WITH BOOM ARM BOTTOM SIDE UP***

**NOTE:** Base Plate must be installed and welded properly by a qualified welder; otherwise, the manufacturer’s warranty is void. Solesbee’s Equipment & Attachments, LLC recommends that you check with the dealer or manufacturer of your machine for possible reinforcement requirements before installation. There may be additional plating needed for stability of the boom arm. Steel plating is to be supplied by the customer.