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Bucket Rake Installation

- Place the machine and bucket on a level surface and align the rake with the bucket. Make sure the bottom of the rake frame is flush with the cutting edge. If the bucket has teeth, the rake will rest on top of the shanks.
- Center pin holes on each side with the thick steel that run vertically on the front side of the bucket. Trace inside the hole with soapstone or some other metal marking device.
- Remove the rake from the bucket. Use a torch to cut out the area traced. Verify that the pin will slide through.
- Mount the rake with the pin bracket positioned to the inside of the bucket pin and the pin running through the holes in the bucket.
- Next, attach the boss with the pin to the outside of the bucket. Install the bolt through the holes in the pin boss and the pin and attach the washer and nut.
- Ensure the boss is flat against the outside of the bucket, the pin is connected to the bracket and that the backside of the bracket is facing the inside of the bucket. If everything is positioned correctly, clamp the bracket to the bucket and tack the bracket and pin boss in place.
- Weld a $\frac{1}{2}$ " weld completely around the pin boss. Finally, weld the brackets to the inside of the bucket using a $\frac{1}{2}$ " weld on top and bottom.

