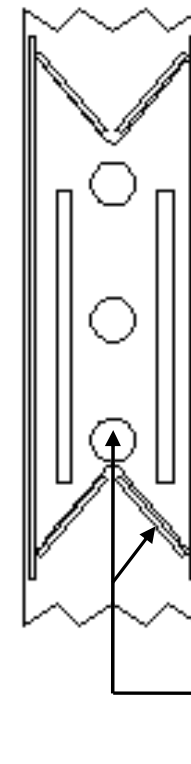


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Installation:

1. Mount shear on the end of the excavator arm. Install pins, locks, seals and spacers (if needed). Next, pin the curling link in the same manner.
2. Pin stabilizer arm on *blade* side of shear. Arm should be pinned to rear hole of base plate bracket with flat side of the plate against arm.
3. With boom raised, fold stick toward cab letting the cylinder bracket rest on bottom of the stick. Rotate tines and blade toward the cab until bucket cylinder is fully extended. Now back the blade away from the *tine* side 1/4 to 3/8 inches.
4. Make sure cylinder bracket is centered from side to side and bottom is flat against stick. At this point, only tack the bracket in place until all hydraulics are installed and all movement is checked. Make sure welding *ground* clamp is directly connected to area that is being welded in order to keep seals from being damaged.
5. Refer to hydraulic components instructions and install hydraulics. Set shear cylinder pressure to 2500 to 3000 psi. With all pins and locks in place, grease all bosses and pins. Next, rotate the *tine* side open and closed to make sure there is no binding anywhere during operation. Check all movements and operation of shear. Make sure the cylinder has proper clearance from the back of the blade when fully extended.
6. Next, secure hoses away from area to be welded and finish welding the cylinder bracket in place. Once bracket is welded in place and allowed to cool, make sure the *blade* cylinder does not override the *bucket* cylinder. If *blade* side of shear pushes back *top* side of shear then *shear* cylinder pressure must be reduced.
7. After installation is complete, the operator will need to use the *shear* blade in all pinned positions in order to find the proper stabilizer adjustment for job being performed. The stabilizer arm is mounted in *rear* hole of base plate bracket for shearing stumps and in the *front* hole for cross cutting.

BASE PLATE WELDING DIAGRAM



Pig Tail Welds:

Weld 1 1/2" from the end of the plate on all four corners.

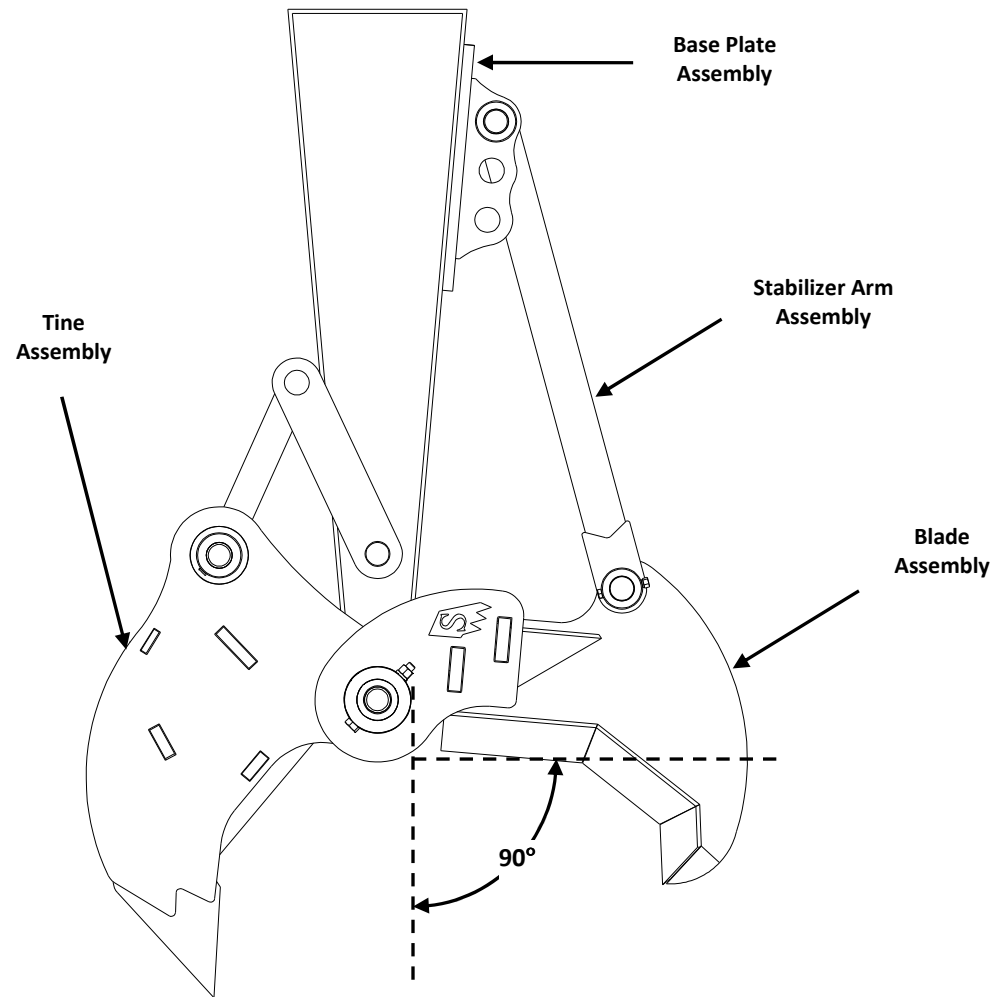
As Per Drawing:

Weld 3/4" welds around outside of plate as well as around inside of holes.

STUMP SHEAR DIAGRAM

Maintenance:

- Check curling link cylinder pressure and relief to ensure proper settings before using shear. If either is not properly set or functioning damage could occur to cylinder.
- Ensure cutting edges on blade are sharp before each use. For maximum performance sharpen cutting edges every sixteen (16) hours of operating time.
- Grease necessary components every four (4) hours of operating time.
- Ensure all bolts are tightened before each use. Bolts may loosen from vibration during operation.



Failure to use a certified welder during installation, failure to maintain recommended *cylinder* pressure settings, failure to follow maintenance instructions or any operation of attachment other than the recommended use by *Solesbees Equipment & Attachments, LLC* will VOID the warranty!