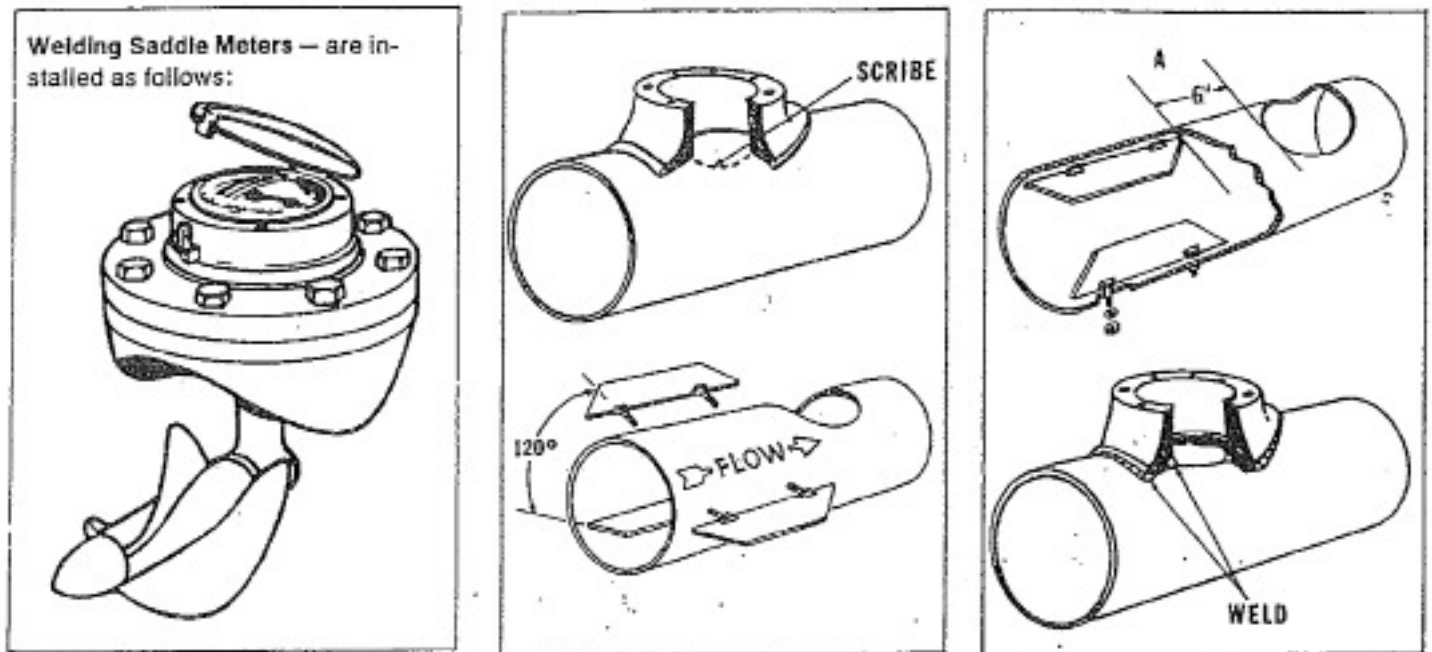


Mainline Propeller Meters

Welding Saddle Meters Installation Instructions

Model 119 and 120



Instructions

1. Remove welding saddle from meter head. Take care not to damage the flat gasket or O-ring used for meter head water seal.
2. Place saddle on pipe at desired location.
3. Scribe a line on pipe using inside edge of welding saddle as a template.
4. Remove saddle and burn or cut the area as marked.
5. Remove all burrs, slag or rough edges from inside and outside of cutout.
6. Hold straightening vanes on the outside of the pipe (Dimension "A"), 6 inches up-stream from the edge of the saddle cutout, the vanes must parallel the centerline of pipe.
7. Mark the pipe around the vane studs and burn or drill holes in the pipe where marked.
8. Insert the vanes through the saddle cutout. Place the lead washers on the outside next to the pipe and nut. The vanes can also be secured by welding the threaded studs to the pipe, if so desired.
9. Reposition saddle on pipe being sure it fits pipe correctly. Tack weld saddle prior to welding a continuous bead inside and outside of saddle.
10. Meter head can now be placed on saddle and bolted in place with the propeller facing upstream into the flow of water.

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