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Service Reference

Topic: Bent Electrode Tabs

Please read all the instructions listed below carefully to familiarize yourself with the project before attempting to perform any of the work or unpacking any further.

Required Materials

- none

Required Tools

- Hammer
- Vise grips

Sometimes an Electrode Tab can be bent if it has suffered shipping damage or is dropped before installation inside the Membrane Shell. If the Electrode is stainless steel, the Tab is generally made from flat stock 316L or in some cases it is made from 316L round stock. If the Electrode is made from a Precious Metal, the Tab is generally made from titanium flat stock.

In most cases the Tab can be bent back into its proper position if no serious damage has occurred. The bending process is similar to "cold working" the metal. The bending action tends to strengthen the metal.

1. Refer to your Getting Started Guide for the proper dimensions of your Electrodes.
2. Visually check the weld between the Tab and the pipe portion of the Electrode. Look for cracks, damaged weld joints, etc. Call UFSc if any problems are found.
3. Inspect the Cable Lead if it was pre-installed.
4. If you suspect the damage was caused during shipping, contact your carrier and fill out the appropriate paperwork.
5. Use a hammer and/or vise grips to bend the Tab back into its proper position.
6. Use a clean cloth to clean any dirt or oils off the Electrode.
7. Inspect the Supply Tubing. (Skip this inspection step if you have a Bare Electrode that does not have a PVC Supply tube)

For more information see the original manual that came with the equipment or call UFSc at the phone number shown above.