To Change the Switch State of a Multi – Level

State is either N/O normally open or N/C normally closed. The state is determined in the "dry" position – no process in the tank.

IMPORTANT – use an ohm meter – <u>not </u>a light

N/C = close of fall – open on rise
N/O = open on fall – close on rise

First get a feel, using an ohm meter – hook up the wire set and move the float – if N/O you will see the contacts close as you move the float to about 3/16" +/- of the top stop – the switch will activate.   If it is N/C, the switch will activate at about 3/16" before the bottom collar.

There are two ways. The easiest way will alter the switch point slightly.

To change from N/O to N/C:

- Loosen both collars of the switch point you want to change and move them out of the way.
- Slowly lift the float up – the contacts will close but keep moving the float until they re-open.   Keep going about ½"
- Slowly bring the float back down until the contact closes – slide the lower collar to about 3/16" of this point and tighten.   Just snug – not over tight.
- Move the opposite top collar to about 3" away if ½" tube or 2" is 5/16" tube.
- Test – again with an ohmmeter. Switch should be closed at the bottom.

To get the switch point closer to shipped product – then remove and "flip" the float and follow the same procedure as above.

To change from N/C to N/O:

- Loosen both collars of the switch point you want to change and move them out of the way.
- Slowly lower the float down – the contacts will close but keep moving the float until they re-open.   Keep going about ½"
- Slowly bring the float back up until the contact closes – slide the lower collar to about 3/16" of this point and tighten.   Just snug – not over tight.
- Move the opposite top collar to about 3" away if ½" tube or 2" is 5/16" tube.
- Test – again with an ohmmeter. Switch should be closed at the top.

To get the switch point closer to shipped product – then remove and "flip" the float and follow the same procedure as above.

To Change the State of Single Point

Remove and Reverse the Float.   If it is a single point with a custom stem – then use the multi-level procedure.

Changing the State of a Hinged Side Mount.

If it is installed with the float "up" – it is N/C
If it is installed with the float "down" it is N/O