



# Self Contained Poly Unit Troubleshooting



The following is a table describing the most frequent problems and solutions for the Self Contained Poly Unit. For further assistance, contact our service department at (785) 431-7900 Ext. 7726.

Problem	Possible Cause	Solution
Pump will not turn off in "AUTO" when seed runs out.	<ol style="list-style-type: none"> <li>1. Proximity switch is dirty.</li> <li>2. Proximity switch is too sensitive.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean proximity switch.</li> <li>2. Adjust proximity switch sensitivity by turning counter-clockwise.</li> </ol>
Pump will not turn on in "AUTO"	<ol style="list-style-type: none"> <li>1. Proximity switch is not covered.</li> <li>2. Atomizer is not on.</li> <li>3. Proximity switch is not sensitive enough.</li> </ol>	<ol style="list-style-type: none"> <li>1. Cover proximity switch.</li> <li>2. Turn on Atomizer.</li> <li>3. Adjust proximity switch clockwise to make more sensitive.</li> </ol>
Pump is Fluctuating	<ol style="list-style-type: none"> <li>1. Restriction in tubing.</li> <li>2. Tubing was not broken in properly before calibrating.</li> <li>3. DC Pump circuit board is going bad.</li> </ol>	<ol style="list-style-type: none"> <li>1. Flush tubing and check filter for any restrictions.</li> <li>2. Allow pump to recirculate for 15 minutes before checking calibration.</li> <li>3. Watch pump voltmeter for any fluctuations.</li> </ol>
Pump will not turn on	<ol style="list-style-type: none"> <li>1. Blown Fuse.</li> <li>2. Bad HP Resistor.</li> <li>3. Bad DC Pump Board.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check fuses.</li> <li>2. Check HP Resistor.</li> <li>3. Change the DC Pump Board Part #: (03-01-0007).</li> </ol>
No Liquid is going to my treater	<ol style="list-style-type: none"> <li>1. Restriction in tubing.</li> <li>2. Seed Treatment valve is in Calibrate.</li> </ol>	<ol style="list-style-type: none"> <li>1. Flush tubing and check filter for any restrictions.</li> <li>2. Turn Seed Treatment valve to Process.</li> </ol>



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The proximity switch located in the cone of the seed treater detects when seed is present. This will automatically shut off the SC Poly Unit when all seed has left the supply hopper.

If the proximity switch is not working properly, this can be caused by wear, dust, or even moisture. The first step is to clean the lens of the proximity switch. If this does not solve the problem, the next step would be to adjust the sensitivity of the proximity switch.

The green light indicates the power status. If it is active the device is powered.

The amber light indicates when seed is being detected. If it is active it detects seed, if inactive it does not detect seed.

Using the small screwdriver provided inside the control panel, you can adjust the proximity switch by turning the adjusting screw on the back of the proximity switch.

- Turn Clockwise to make the proximity switch more sensitive.
- Turn Counterclockwise to make the proximity switch less sensitive.

