



## TROUBLESHOOTING - AT500H MANUAL TREATER

Below is a table describing the most frequent problems and solutions with the USC AT500H Treater . For further assistance, contact the USC Service department at (785) 431-7900.

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 set too sensitive.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean proximity switch</li> <li>2. Adjust the pump proximity switch sensitivity by turning adjustment screw counter-clockwise (page 2).</li> </ol>
Pump will not turn on in AUTO	<ol style="list-style-type: none"> <li>1. Proximity switch is not staying covered.</li> <li>2. Proximity switch is not sensitive enough.</li> </ol>	<ol style="list-style-type: none"> <li>1. Make sure proximity switch is staying covered with seed.</li> <li>2. Adjust pump proximity switch sensitivity by turning the adjustment screw clockwise (page 2).</li> </ol>
Auger overload keeps tripping	<ol style="list-style-type: none"> <li>1. Seed flow is too high.</li> <li>2. Too much liquid being applied.</li> </ol>	<ol style="list-style-type: none"> <li>1. Slow down seed flow.</li> <li>2. Lower the liquid rate.</li> </ol>

## **PROXIMITY SWITCH ADJUSTMENT GUIDE**

The proximity switch is mounted in the inlet to the adjustable chamber and will detect when seed is present.

The proximity switch no longer detects seed it will automatically shut off the pump when all seed has left the 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.

