



TROUBLESHOOTING UNIVERSAL SEMI-AUTOMATED 1 PUMP CONTROLLER

Below is a table describing the most frequent problems and solutions with the USC Universal Semi-Automated 1 Pump Controller. For further assistance, contact the USC Service department at (785) 431-7900.

Problem	Possible Cause	Solution
Pump is fluctuating.	<ol style="list-style-type: none"> 1. Restriction in tubing 2. Filter is plugged or missing gasket. 3. Hoses are worn out. 	<ol style="list-style-type: none"> 1. Flush tubing and check filter for any restrictions. 2. Clean filter and check for gasket. 3. Replace hoses.
Pump will not turn off in AUTO when seed runs out.	<ol style="list-style-type: none"> 1. Proximity switch is dirty. 2. Proximity switch is set too sensitive. 	<ol style="list-style-type: none"> 1. Clean proximity switch. 2. Adjust the pump proximity switch sensitivity by turning adjustment screw counter-clockwise.
Pump will not turn on in AUTO.	<ol style="list-style-type: none"> 1. Proximity switch is not staying covered. 2. Proximity switch is not sensitive enough. 3. HMI screen not set to AUTO. 4. Auxiliary cable not hooked up. 	<ol style="list-style-type: none"> 1. Make sure proximity switch is staying covered with seed. 2. Adjust pump proximity switch sensitivity by turning the adjustment screw clockwise. 3. Set HMI screen to AUTO. 4. Attach Auxiliary cable from control box to treater control box.
Mix Motor will not start	<ol style="list-style-type: none"> 1. Power cord not plugged in. 	<ol style="list-style-type: none"> 1. Plug in power cord.