

## ATX-2 Troubleshooting Instructions

Device	Test	Solution
Load Cell	Check the wires from the load cells to the board to make sure they are plugged into the correct location. The board connectors are labeled New for the New Fluid Tank and Used for the Used Fluid Tank. Check for physical obstructions at the load cell. Check the calibration of the load cells by pressing the 4 qt and 20 qt buttons simultaneously until a loud beep is heard. Then select either the New Fluid Tank by pressing the +1/2 qt button or select the Used Fluid Tank by pressing the -1/2 qt button. Then press the same button again and hold for two (2) seconds. Put both weights (10 kg) on the tank that was selected and the 12 qt button should be illuminated. Press STOP button to end the calibration test.	If the 12 qt button did not illuminate then calibrate the load cell of the tank that was selected. Replace the load cell (p/n 031-80000-00) if the problem still exists.
Pump	Check fuse (F1) on circuit board and replace (uses a standard ATO 10 amp fuse) if blown. Check the wiring from the pump to the board, the red wire must be to the (+) and the black wire must be to the (-). Place any adapter on the end of the 8ft black hose (located on the side of the machine where there is only one hose) and place into a storage tank. Press the Empty Used Fluid Tank button and the fluid level should decrease in the tank. Press STOP button to end.	If level did not decrease then replace the pump (p/n 300-80006-00).
Pressure Switch	Pick a pair of adapters to couple the red and black hoses together. Press either the Empty Used Fluid Tank or Empty New Fluid Tank button until a pressure of 20 PSI is seen on the gauge then press STOP - ready light should be illuminated. <b>Note: Make sure the pressure does not go above 20 PSI or pump could be damaged.</b>	If light did not illuminate then replace the pressure switch (p/n 022-80111-00).
Solenoid - S2	Check fuse (F2) on circuit board and replace (uses a standard ATO 5 amp fuse) if blown. Check wires from solenoid to board. Place any adapter on end of red hose and place into storage tank. Press Empty New Fluid Tank button - should see level decrease in the New Fluid Tank. Press STOP to end.	If level did not decrease then replace solenoid (p/n 300-80008-00). If fluid was trickling out the hose there is probably debris in the solenoid, clean it out.
Solenoid - S1	Check fuse (F2) on circuit board and replace (uses a standard ATO 5 amp fuse) if blown. Check wires from solenoid to board. Pick a pair of adapters to couple the red and black hoses together. Press the Empty New Fluid Tank button until a pressure of 20 PSI is seen on the gauge and then press STOP. READY light should be illuminated. Press the Drain Pan button - pressure should drop on gauge and if looking at the Used Fluid Tank, will see fluid emptying into tank. <b>Note: Make sure the pressure does not go above 20 PSI or pump could be damaged.</b> Press STOP to end.	If pressure did not drop and no fluid was seen emptying into the Used Fluid Tank then replace the solenoid (p/n 300-80007-00).