


PN: 01063 Pressure Switch Assembly Replacement Instructions

rev. 081413

The following instructions are for the replacement of the pressure switch. Please follow these steps to ensure the proper installation of the new pressure switch. Read instructions fully before beginning.



IMPORTANT - BE SURE THE POWER SOURCE IS DISCONNECTED BEFORE ATTEMPTING TO SERVICE OR REPLACE ANY PARTS.

1. Remove the two (2) nuts and bolts holding the motor cover in place. Flip the cover to the right of the pump.
2. Disconnect the two (2) wires connected to the old pressure switch and mark them for reinstallation later.
3. Remove the three (3) small phillips screws at the front of the pump holding the pressure switch in place.
4. Remove the old gasket (white) between the pressure switch and pump head. Now is a good time to clean the check valve components -- **BE CAREFUL! THE CHECK VALVE COMPONENTS GO IN ONLY ONE WAY!!**
5. Install the new gasket (white).  **This end in pump head.**
6. Install the new pressure switch and tighten the three (3) small phillips screws that hold it in place. **DO NOT OVER TIGHTEN!**
7. Reconnect the two (2) wires to the pressure switch. The red wire attached to the back of the motor should be inserted closest to the pump head. The red wire from the ON/OFF switch should be inserted in the outer connection. **IMPORTANT - YOU MUST SET THE SHUT OFF PRESSURE OF THE NEW PRESSURE SWITCH ASSEMBLY BEFORE USE.**
8. After you have reassembled the pump and the hoses are connected, you need to install a pressure gauge and shut-off valve to the end of the 100 foot spray hose to get the correct pressure setting for the pump. The shut-off pressure setting should be 120 PSI.
9. Fill a 5 gallon pail with water. Open the shut-off valve and place the suction line in the pail of water. Turn the pump on.
10. Allow the pump to fill the entire unit (pump and hose) with water.
11. Shut off the valve and wait for the pump to stop, then check the pressure. If the pressure isn't high enough, turn the set screw clockwise, no more than a 1/8 turn each time and repeat the process. Do this until the pump shuts off at 120 PSI (**NO HIGHER**). **NOTE:** Open the shut-off valve each time to release the pressure and allow the pump to run. This will ensure an accurate setting of the switch.
12. Reinstall the two (2) nuts and bolts holding the motor cover in place.

If you have any questions regarding the installation of this part, please feel free to contact Customer Support.