

How to Install and Set Replacement Pump Head On SmartFLO Series Diaphragm Pumps

ESR-030 - Rev.1 - May 5, 2021

1. Once your replacement pump head is received, line up the motor shaft with pump head and use a T20-torx bit to tighten the head of the pump to the motor. Ensure there are no gaps between the new pump head and motor.



2. Take the two flag connectors from your motor and connect them to the the top and bottom prongs of the pressure switch. Please note the center prong should be empty.

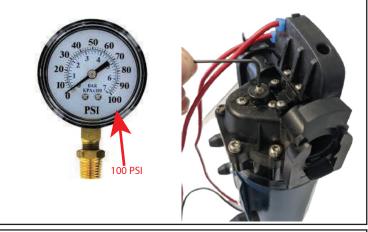




3. Hook up the hoses of your application and turn the pump on. Fluid should now be flowing through your pump.



4. Next set the Bypass . Close the outlet side of the pump to pressurize the hoses and stop all flow (this is often done by hooking up your wand and stopping the flow). Using a 1/16" Allen key turn the bypass set-screw until it reaches 100 PSI.



5. Next set the Pressure Switch . Using a 1/16" Allen key turn the pressure switch set-screw screw until it reaches 95 PSI.



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6. Your pumps should be ready to run now. What you have done is set your pump to bypass extra flow in your pump head up until 100 PSI and set the demand switch to shut off your pump at 95 PSI. These are factory settings of your pump.

If your pump is set incorrectly the pump may not turn off. Minor adjustments may be needed over time.



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