

## REMCO SUPPORT DOCUMENT

**Title:** Pressure Switch Testing

**Date:** 10/14/2020 Rev: 1

**PURPOSE:** Testing operation of the pressure switch to diagnose a possible failure

### **TOOLS:**

- Needle nose pliers
- 4 inches (10 CM) of 14 AWG (minimum) wire stripped at both ends
- Electrical power source
- Voltmeter

### **PROCEDURE:**

1. Attach pump to the power supply, using voltmeter make sure there is power to the pump and other necessary parts of the circuit. If the pump is not running while hooked to power proceed through the next steps
  - a. **Note:** If you apply power to a Fatboy series pump and hear clicking coming from the relay Remco recommends replacing both the pressure switch and relay assembly (PSW-FB60-R for 60 PSI or PSW-FB80-R for 70+ PSI pumps)
2. Locate the pressure switch wires running from the back of the motor and electrical connector up to the pressure switch (typically both red wires)
3. Using the needle nose pliers disconnect the spade connectors. 3300 series these will be located on the pressure switch for 3200 and 5500 series will be located between the motor and pressure switch
4. Insert each end of the stripped wire into the spade connectors (3200 and 5500 series these wires should be connected to the rear of the electric motor and 2 pin connector)
5. Making sure the stripped wire is securely inserted in the spade connectors and making contact with metal spade. Then reconnect the pump to the electrical power source.
  - a. If the pump turns on this indicates that the pressure switch is bad and should be replaced
    - i. PSW-3300 for 3300 series
    - ii. PSW-580R-60 for 5500 series models
    - iii. PSW-FB60-R for 60 PSI for Fatboy Series
    - iv. Contact Remco for all other models
  - b. If the pump does not turn on, then the electric motor has failed please contact Remco

**IF YOU HAVE QUESTIONS REGARDING THIS SUPPORT DOCUMENT PLEASE CONTACT REMCO 763-253-4740 OR**  
[SALES@REMCOINDUSTRIES.COM](mailto:SALES@REMCOINDUSTRIES.COM)

Pictures needed

- Pictures of tools
- Pump hooked to power and voltmeter indicating voltage at the pump
- Fatboy Relay and pressure switch indicating where clicking could come from
- Pressure switch wire spade connectors 3300 and 5500
- Inserted stripped wire into disconnected spade connectors
- Reconnected spade connectors