**PURPOSE:**

The following instruction is intended to describe the method to adjust the pump pressure.

TOOLS REQUIRED:

- 1/16'' hex (allen) key (Any demand pump, or 7800 series bypass pump)
- 5/64'' hex (allen) key (5800/5900 or 7870/7970 bypass pump)

PROCEDURE:

1. Determine which model pump you have and select which hex key is required.
2. Locate the pressure set screw on the front of the pump
   a. If you have a demand pump there will be an indentation or hole on the front face of the pressure switch and the set screw is located within that.
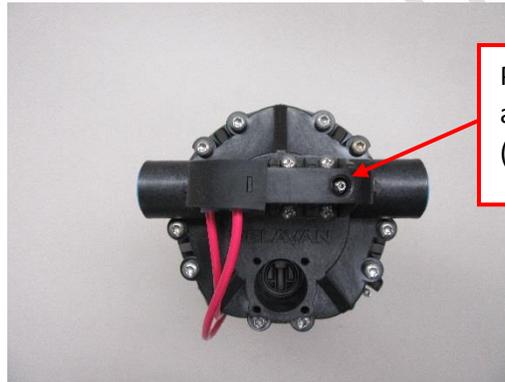

Pressure adjustment screw (pressure switch)

   b. If you have a bypass pump it will be on the front face of the pump sticking out slightly from the bypass cover
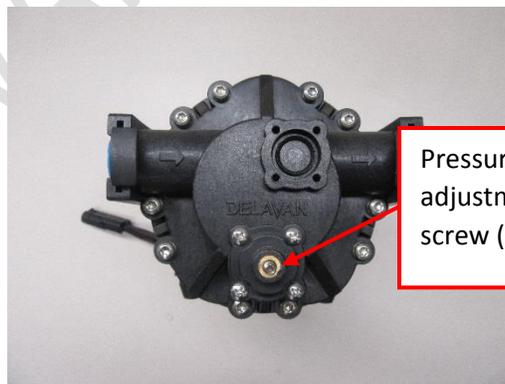
Pressure adjustment screw (bypass)

3. Adjust the pressure to work best for you depending on your system.
    a. To eliminate rapid cycling of the pump
        i. This means the pump you have purchased has more flow than the system can handle. To stop the cycling of the pump (rapidly turning on and off) use a 1/16'' hex (allen) key to turn the set screw clockwise ¼ to ½ turn at a time until the rapid cycling stops while the pump is in use.
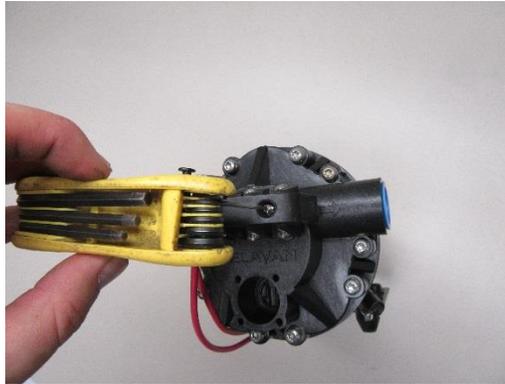
    b. To increase flow if you have a bypass pump
        i. At times it is possible that bypass pressure can reduce over time causing a lower flow rate at pressure. If you wish to increase the flow, use a 1/16'' hex (allen) key (if you have a 7800-series pump) or a 5/64'' hex (allen) key (if you have a 5800/5900 or 7870/7970) to turn the set screw clockwise. Be sure that if the pump is dead-heading (zero outlet flow) that the pressure gauge does not indicate more than the model number label indicates as max. pressure setting.