

**PURPOSE:**

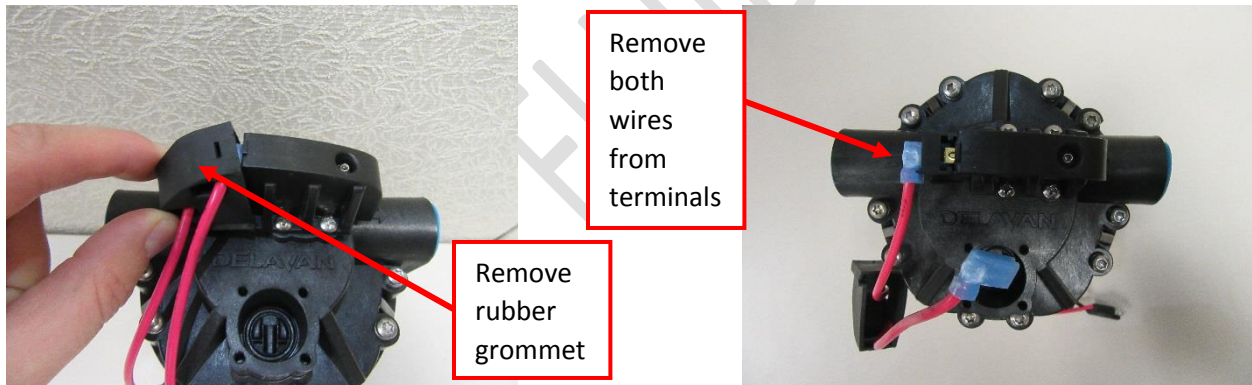
The purpose of this external support resource document is to aid in the replacement of a complete pump head assembly.

**TOOLS REQUIRED:**

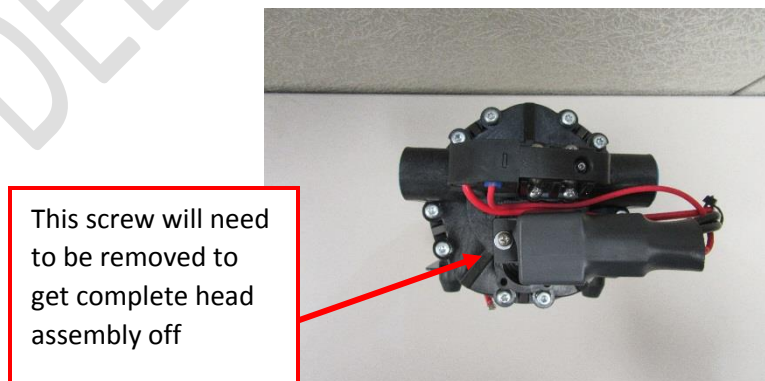
- T-20 Torx Bit
- P2 phillips head bit (7870/7970 series demand pump)
- Needle Nose pliers (optional)

**PROCEDURE:**

1. Make sure the front of the pump is facing up (towards the ceiling/ sky/ etc.) before working on pump.
2. If you have a demand style pump you will need to remove the rubber grommet covering the pressure switch terminals.
3. Next, remove the two flag terminals (red wires running from the motor to the front of the pump) from the pressure switch. These can be hard to take off at times and may need the use of a needle nose pliers.

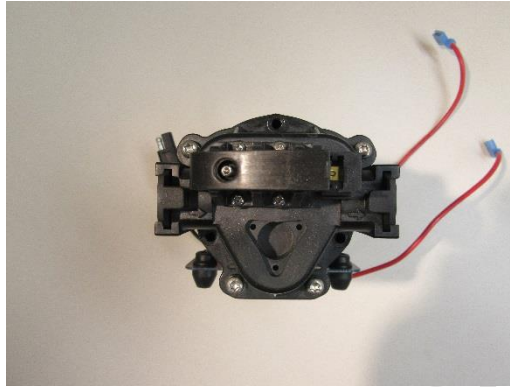


4. If you have a 7870/7970 series demand pump, a P2 phillips head bit will need to be used to remove the relay assembly off the front of the pump.



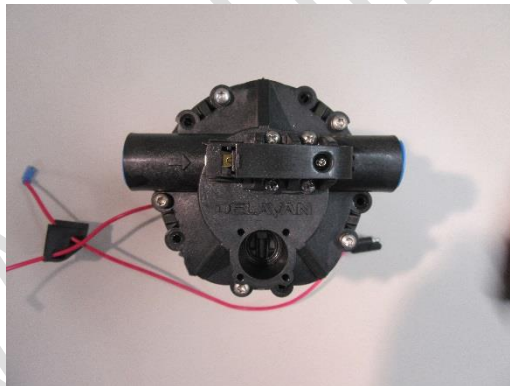
If you have a 7800 series pump follow step 5

5. Remove the 3 long torx screws, as shown in the picture.



If you have a 5800/5900 series or 7870/7970 Series pump follow step 6

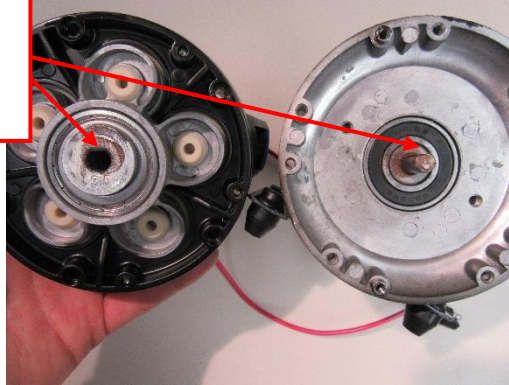
6. Remove the 5 long torx screws as shown in the picture



7. Lift entire assembly off the motor
8. You will now need your new Pump Head Assembly

9. Make sure flat section on the motor shaft and flat section on the cam are lined up.
  - a. Slide cam onto motor shaft.

Flat Spots will need to line up otherwise housing will not assemble onto motor correctly



10. Replace long screws into open spots and fasten
11. Reconnect any flag terminals and relay assemblies (if applicable)
  - a. DO NOT REPLACE FLAG TERMINAL ONTO CENTER PIN ON PRESSURE SWITCH OR YOUR PUMP WILL NOT WORK