

PURPOSE:

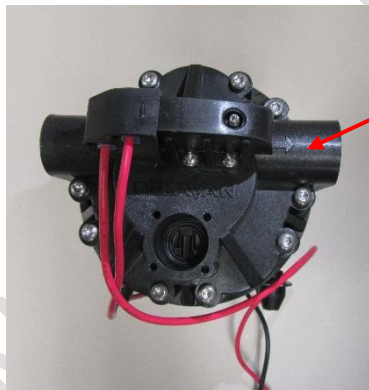
The purpose of this instruction is to describe the procedure to test the functions of the internal valves of a Delavan diaphragm pump.

TOOLS REQUIRED:

- Water hose/bottle, or:
- Air gun connected to air compressor (optional)
- Rag to be used with air gun (optional)

PROCEDURE:

1. Rinse the pump with water as best possible.
2. Locate the discharge (outlet) port of the pump. This is the port that the fluid flows out of when pumping, it will be on the right side looking at the front of the pump.



Discharge (outlet)
port

3. Blow air/water into the outlet port of the pump. If using an air gun, use a towel for a seal to hold a small amount of pressure in the head so that it is easy to tell if air flowing through the pump.



- a. If the air/water does not flow through the pump and out of the inlet port, this means the valves are good.
- b. If the air/water does flow out of the inlet of the pump the valves are bad and will need to be replaced or fixed.