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PN: See Below

Diaphragm, Piston Components and Valve Plate Assembly Replacement Instructions



- PN's: 01066 - All                      01067 - Standard                      01068 - Water Only                      01069 - Oil Only

The following instructions are for the replacement of the diaphragm and piston components and the valve plate assembly. These instructions apply to the above part numbers. Please follow these steps to ensure the proper installation of the new parts. Read instruction fully before beginning.

- Instructions

**IMPORTANT - BE SURE THE POWER SOURCE IS DISCONNECTED BEFORE ATTEMPTING TO SERVICE OR REPLACE ANY PARTS.**

- o Step 1 - Remove the two (2) nuts and bolts holding the motor cover in place. Flip the cover over to the right of the pump.
- o Step 2 - Disconnect the inlet and outlet hoses from the pump head.
- o Step 3 - Remove the six (6) phillips screws that hold the pump head in place. If the valve plate stays in the head gently remove it.
- o Step 4 - Remove the three (3) phillips screws that hold the diaphragm and pistons to wobbler plate. Discard the screws, diaphragm and the white backer plate.
- o Step 5 - Reinstall the new backer plate, diaphragm, pistons and screws.
  - **IMPORTANT - Be sure that the back of the diaphragm properly seats into the three grooves in the wobbler plate and that they are not obstructed by the backer plate.**
- o Step 6 - Tighten the three (3) phillips screws that hold the pistons in place. Be sure to align the pistons to the tabs on the diaphragm. Make sure the diaphragm stays properly seated.
- o Step 7 - **IMPORTANT - YOU MUST PUT THE VALVE PLATE ON THE DIAPHRAGM BEFORE REINSTALLING THE PUMP HEAD OR IT WILL NOT SEAT PROPERLY.**
  - When installing the head you must be sure the 3 tabs that stick out of the valve plate fit into the corresponding holes in the pump head. Carefully push the valve plate onto the diaphragm, then reposition and install the pump head.
- o Step 8 - Reinstall the six (6) phillips screws that hold the pump head on. Do NOT overtighten.
- o Step 9 - Reinstall the two (2) nuts and bolts holding the motor cover in place.
- o Step 10 - Verify proper operation. Failure to prime is the result of improper installation or a blockage in the system.

- If you have any questions regarding the installation of this part please feel free to contact Customer Support by telephone: 800.801.7832 - 847.639.7272 or via email: support@4progressive.com.