

## SF-4: PUMPHEAD CHANGE OUT SHURFLO

To replace the pump head (PL-PMP-SFPH) on a Shurflo pump proceed as follows. Disconnect the suction and discharge hoses, taking care not to get salt water on the motor, as it is not waterproof. Remove the pump from its mounting. Note which way the arrows on the old pump are pointing. Unplug the two red wires from the pressure switch. On the end of the pump are nine Philips head stainless steel screws. The three smaller screws near the center hold on the pressure switch and need not be disturbed. Three of the larger screws are 1 1/2 inch machine screws that mount the pump head onto the pump, while the other three are shorter sheet metal screws holding the pump head together. Compare the new pump head to the one on the motor. The new pump head will have empty holes where the mounting screws go, and there will be mounting screws loose in the box. Remove the corresponding mounting screws on the old pump head, and it will come off easily in your hand. If the aluminum drive adapter stays on the motor. Pull it off as the new pump head comes with one installed.

Line up the flat on the motor shaft with the flat in the new pump head drive adapter and push the pump head onto the shaft. Rotate the pump head until the arrows point the same as they did on the old one and push it onto the three small locating bosses. It will be somewhat crooked: this is normal. Insert the new mounting screws and tighten them in sequence so that the pump head straightens out and pulls down evenly on to the motor. Plug in the wires, install the fittings from the old pump head into the new one, and reinstall. Adjust the pressure switch on the new pump head to cut off at 125 psi. (See Bulletin SF-2 ADJUST SHUFLO PRESSURE SWITCH.)

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