

RAYPAK SERVICE INSTRUCTIONS

WATER PRESSURE SWITCH REPLACEMENT, KIT 006737F FOR AVIA POOL & SPA HEATERS MODELS 264-404

IMPORTANT NOTICE: These instructions are for use by qualified personnel specifically trained and experienced in the installation of this type of heating equipment and related system components. Installation and service personnel may be required to be licensed in some states. Persons not qualified shall not attempt to install this equipment nor attempt repairs according to these instructions.

DANGER - SHOCK HAZARD: Make sure the electrical power to the heater is disconnected to avoid damage to components, potential serious personal injury or death. Make sure the gas to the heater has been shut off.

WARNING: Make sure water, gas, and power have been turned OFF before making any repairs or servicing this equipment.

SCOPE: The components in this kit are used for replacing the Water Pressure Switch for AVIA heaters.

KIT CONTENTS:

Description	Qty
Water Pressure Switch (P/N 651284)	1

REQUIRED TOOLS:

- Phillips Head Screwdriver
- Channel Lock Pliers

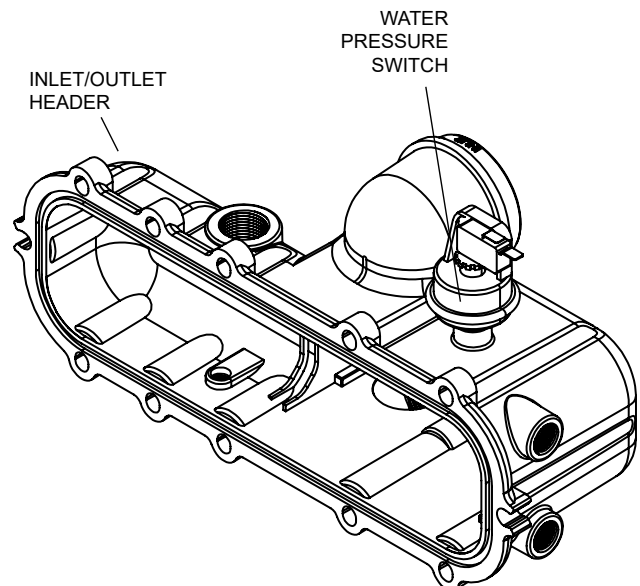


Figure 1. Water Pressure Switch

WATER SWITCH REPLACEMENT PROCEDURE:

APPROVED

9. Carefully remove the Water Pressure Switch after the electrical wires are disconnected by unthreading the switch off the header (See **Figure 4**).

1. Turn off electrical power to the heater.
2. Turn off gas to the heater.
3. Turn off the pump.
4. Allow the heater to cool down before attempting to perform any maintenance on it.
5. Locate the Inlet/Outlet Header on the right-side of the heater when facing the front. Disconnect the water pipes at the PVC Connectors if the heater is piped up to a pool or spa. Disconnect the PRV from the drain piping if there is one in the system.
6. Remove the wing-nut from the anode and the bonding wire.
7. Remove the fourteen (14) Phillips head screws that attach the upper and lower access panels to the heater cabinet. The panels are on the same side of the heater as the inlet and outlet water connections (See **Figure 2**).

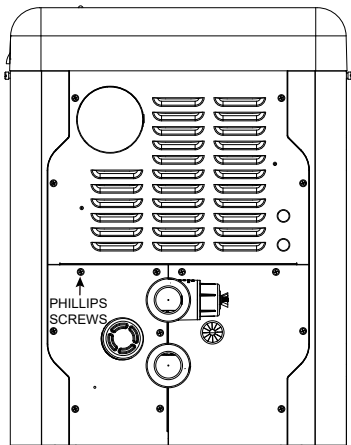


Figure 2. Remove Screws from Upper and Lower Panels

8. Disconnect the electrical wiring from the Water Pressure Switch (See **Figure 3**).

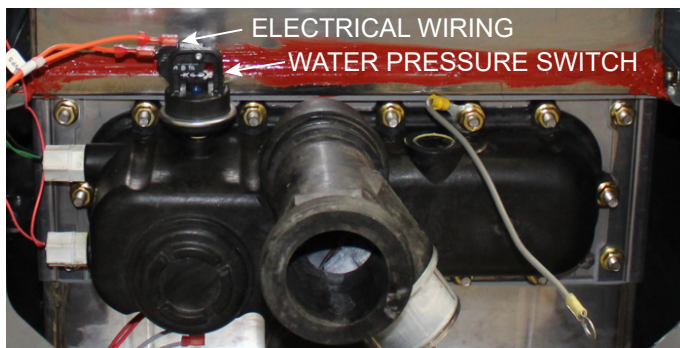


Figure 3. Water Pressure Switch and Wiring

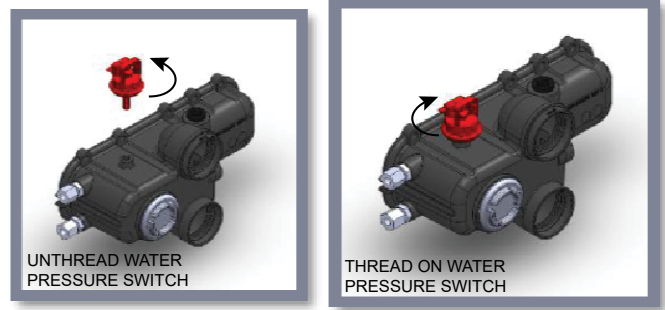


Figure 4. Water Pressure Switch Installation

10. Apply ample thread sealer to the length of the new Water Pressure Switch threads. Thread the switch clockwise into the main Inlet/Outlet header body (See **Figure 4**).
11. Reverse **Step 8** through **Step 1** to bring the heater back into operation.