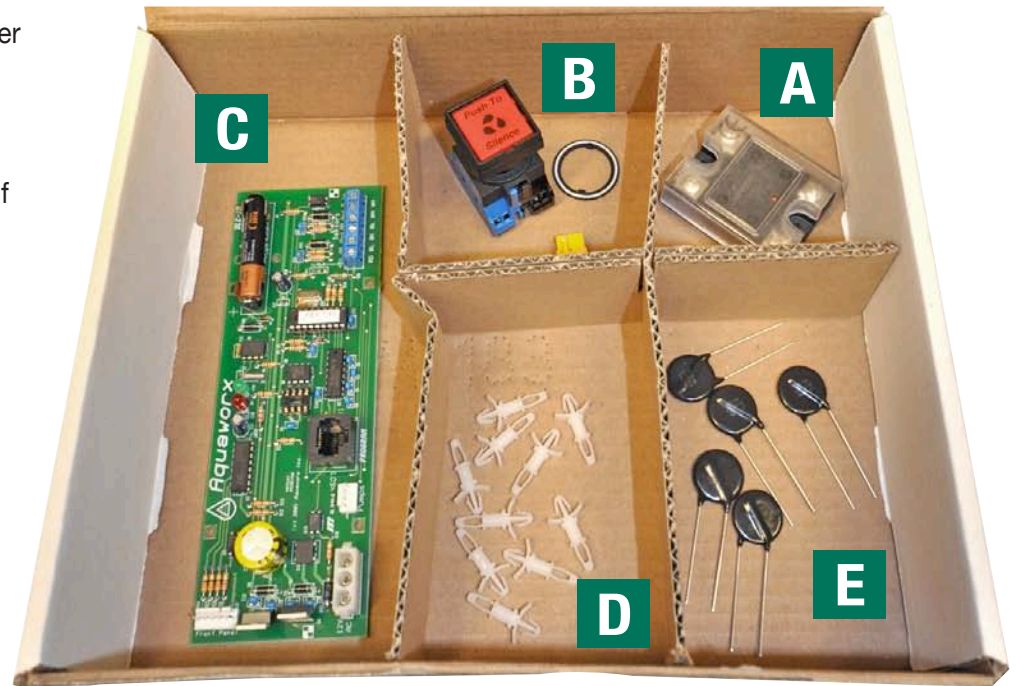


The Aquaworx Intelligent Pump Controller (IPC) Panel repair kit includes one solid state relay, one push to silence button, one circuit board, ten circuit board pins, and 5 varistor replacements. This is for use on any panel in the Aquaworx line of control panels.



### KIT CONTENTS

#### **A** SSR-01

**Solid State Relay** rated for 40 AMPS and provides an alternative to the common motor contractor. If the relay is blown, then the Pump may be oversized or shorting out. This part should be replaced by a certified electrician and the proper heat transfer should be made to the back plate. Qty: 1

#### **B** PTS-01

**Push to Silence Button** is a custom feature on the IPC panel and includes a unique Morse Code alarm feature. The button can be easily replaced if damaged or showing signs of moisture. The rubber seals are important to maintain a watertight seal. Qty: 1

#### **C** DLC-1S

**Circuit Board** a *work-horse* board that is used on most IPC panels. The replacement board is reverse compatible with all previous versions. It can simply be replaced by engaging the four pinch-pins in each corner and making the proper wire connections. Note: The Sand Filter Panel uses a separate software chip and must be ordered separately. Qty: 1

#### **D** CBP-01

**Circuit Board Pins** are small plastic pinch pins used to off-set the circuit board from the back plate. The pins can be easily replaced with a pair of needle nose pliers. Qty: 10

#### **E** VAR-01

**Varistors** are used in all IPC panels for lightning or surge protection. A varistor (variable resistor) is unlike a fuse, in that, once it is blown it leaves the circuit open for continued use. However, it will not protect the panel against the next surge. It should be replaced soon after each surge event. The event log will show PWRGL, power glitch. Qty: 5

**NOTE:** Power to the IPC panel should always be disconnected prior to working on the inside of the panel.