LIQUIDYNAMICS™

P/N 33101 "PUMP SHUT-OFF TIMER" ADJUSTMENT

Pump Run Time Adjustment

In order to ensure that the 33101 pump/motor does not overheat and cause damage to the diaphragms or seals, the "normal' pump run time is limited to approximately 6 minutes (approximately 48 gallons) as governed by an internal timer. In instances where a longer run time is required the run time can be extended to approximately 12 minutes by cutting the jumper located on the circuit board located inside the electrical switch cover. Follow the instructions below to achieve a run time of approximately 12 minutes (approximately 96 gallons).

1. Unplug the power cord to ensure that there is no power being applied to the pump motor

2. Remove 4 ea. screws holding the electrical switch cover in place. See fig. 1.

3. Locate the timer jumper wire shown in fig. 2.

4. Cut and remove a small section of the jumper as shown in fig. 3.

5. Replace the electrical switch cover and secure with the 4 screws removed earlier.

6. Plug the electrical cord into a 115 VAC power source

Caution: Pump damage will occur if pump is run for more than 3 minutes without dispensing fluid.
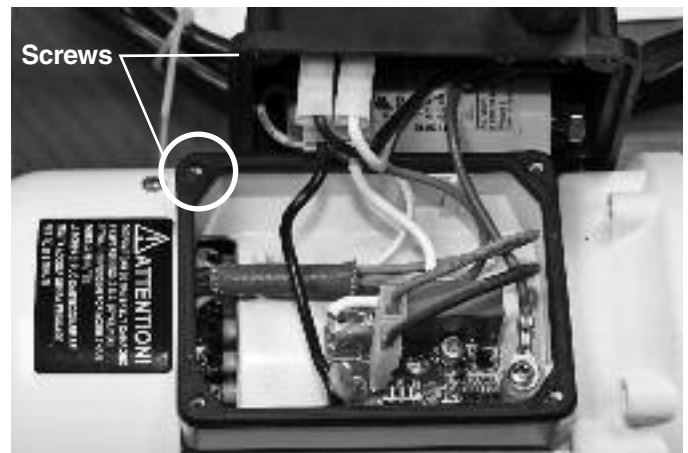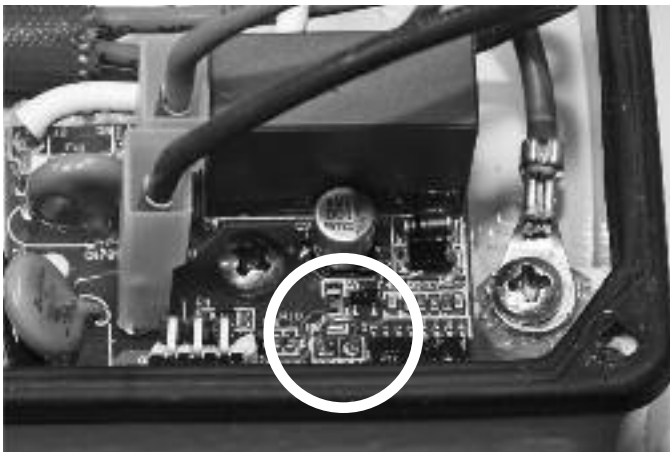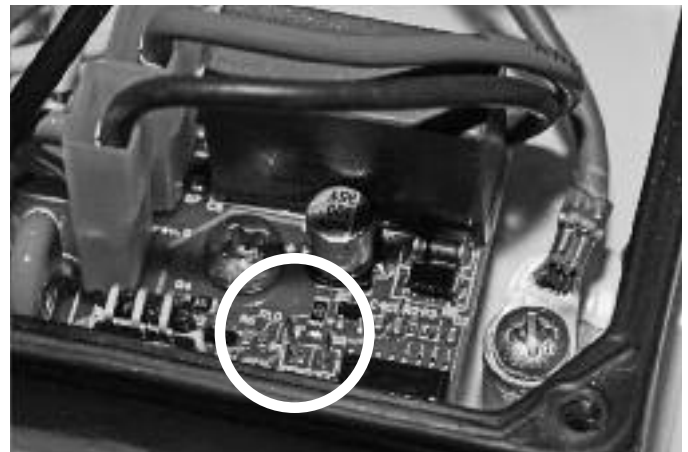

Figure 1: Electrical Switch Cover

Figure 2: Timer Jumper Wire

Figure 3: Timer Jumper Wire – Cut and Removed