

## INSTALLATION INSTRUCTION

### LAUNDRY DISPENSER GROUND WIRE & SAFETY SHIELD KIT

#### Important Installation Precautions:



Multiple live circuits may be present under the trigger module cover. Disconnect power from all circuits before servicing.

- Electrical connections should only be performed by trained personnel in accordance with local electrical wiring regulations.
- Use trigger and main power wiring hole connections that provide strain relief, such as cable glands, strain reliefs, or conduit connections. Conduit is recommended.
- Hole plugs must be used when no wires are routed through the holes.
- Use only double-insulated (0.8 mm) reinforced wire for main power and trigger connections, subject to local electrical code requirements.
- Auxiliary enclosure ground wire must be connected to the right ground lug stud, between two lock nuts.
- NOTE: Trigger voltages must all be either above or below 42 VAC/60 VDC. Do not mix trigger voltages less than 42 VAC/60 VDC and greater than 42 VAC/60VDC on the same unit.

#### 1. Lid:

- Remove PCB and spacer on bottom right mounting stud.
- Place first 6-32 lock nut on mounting stud and tighten.
- Fit 35.5 cm (14") earth wire from kit on mounting stud, on top of the new lock nut.
- Put a second 6-32 lock nut on mounting stud over ground wire item and remount PCB. (see photo below for earth wire orientation).
- Place square white tie-wrap on lid and secure earth wire with tie-wrap. (see photo below for placement).

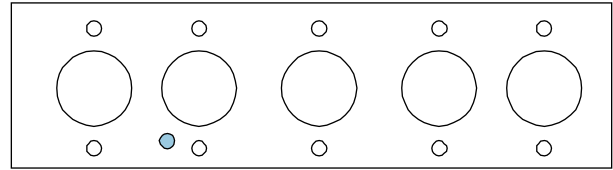


#### 2. Label

Place "!" exclamation point label on front product label, approximately 2 cm (1") to the right of the lid screw

#### 3. Front Panel

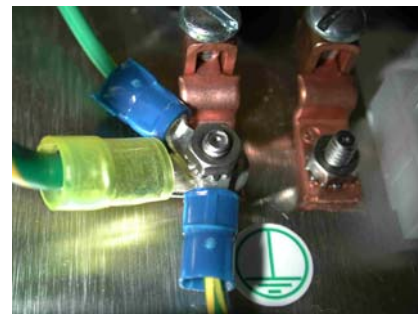
- Remove No 2 pump and mounting plate.
- Drill or punch hole from the outside through the front panel, approximately 1 cm (0.5") to the left of the pump 2 bottom screw hole. Use a .140" (3.55mm) drill bit or a .157" (4mm) punch.



- Insert 6-32 X 3/8" pan head screw from the front of the unit and secure with 6-32 lock nut from the inside of the unit.
- Fit new 15.2 cm (6") earth wire over screw.
- Secure earth wire with second 6-32 lock nut.
- Refit No 2. pump and mounting plate on front panel.

#### 4. Enclosure

- Remove lock nut from leftmost earth stud in base of box.
- Place new earth lug over leftmost mounting stud.
- Over earth lug on same stud put:
  - New 15.2 cm (6") earth wire from front panel
  - New 35.5 cm (14") earth wire from lid
  - Existing earth wire from power supply
  - Original lock nut. (see photo below)



- Place additional 6-32 lock nut on rightmost mounting stud.
- Remove the plastic bushings (qty. 5) from the bottom of the enclosure and replace with plastic hole plugs.
- For three pump box units only:** Place new tie-wrap base on back wall of enclosure and secure earth wire with tie-wrap. (see photo below for placement).
- For five pump box units only:** Cut rightmost tie-wrap on back wall of enclosure, place new earth strap with existing wire harness and re-secure to tie-wrap base using tie-wrap.
- For units with trigger module only:**

1. Remove screws securing trigger module, replacing them with plastic spacers.
2. Place 5 language warning label, “!” exclamation point label, and lightning bolt labels on safety shield.
3. Snap safety shield onto spacers, (see photo below for label placement).

