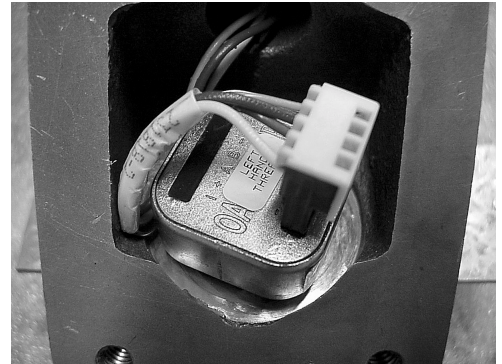


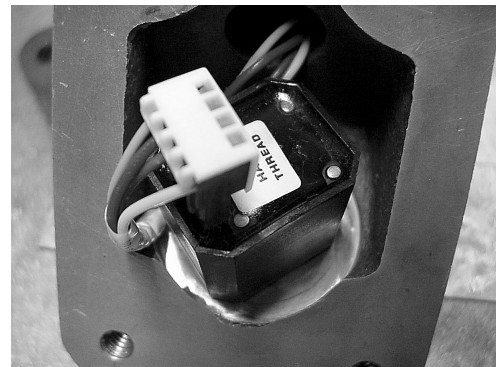
OPTICAL ENCODER REPLACEMENT FOR SERIES 9800A/2600A, 9820A/2620A

Read Important Warnings and Safeguards, 035282 prior to working on your dispenser

1. Remove 4 bolts securing the top cover for the pulser. Use care to prevent nicks or scratches on the mating surfaces between the top cover and the pulser body (this is a UL flame path).
2. Remove the cotter pin that engages the pulser shaft to the plastic gear.
3. Disconnect the connector from the top of the optical encoder.
4. Grasp the rectangular body of the optical encoder and turn **CLOCKWISE** to loosen. These are **LEFT HAND THREADS**. Remove optical encoder from assembly
5. Slide fiber washer over the new encoder shaft and install the encoder by turning **COUNTER-CLOCKWISE**. Tighten securely by hand.
6. The optical encoder comes in two different styles. The function of these is the same, however their physical shapes are slightly different. Before reinstalling the connector, determine the type of optical encoder that you have.
 - If the encoder has a silver metal housing, the connection should be made so that the wires are routed **over the top** of the encoder (Fig. 1)



- If the encoder has a black plastic housing, the connection should be made so that the wires are routed **around the side** of the encoder (Fig. 2). The position of the encoder pins will vary depending on where they are when the encoder is in its tightened position. In some cases, it is possible that the wire leads are too short to allow the connector to reach. If this occurs, try a different encoder. If this still does not resolve the issue, you must replace the entire pulser/conduit assembly rather than just the optical encoder.



7. Reinstall the cotter pin and bend in a manner that does not cause interference with the top of the gear that drives the pulser shaft (Fig. 3).
8. Reassemble top cover ensuring that the connector wires are not pinched in the mating surface.

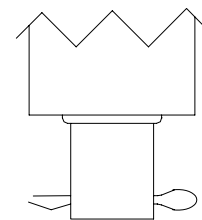


Fig. 3