



# Helpful Hints 0019

clear & easy

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DATE: 6-18-02

REVISION: 03

**SUBJECT:** Optic Sensor Adjustment for Coke 20 Plus Venders

# of People  
Required



**MODELS:** Coke 20 Plus Venders

**TOOLS REQUIRED:** Small flathead screwdriver

**ESTIMATED TIME:** 1 minute

**REASON FOR HINT:** To properly adjust the optic sensor when replacing a KO control board from a Coke 20 Plus Vender.



The following areas of this vender contain voltage, which can cause serious injury or even death. The main power cord, supplying 110 VAC to the evaporator, EMI filter, and refrigeration system. The power line from the EMI filter to the ballast and transformer. The ballast can produce upwards of 600 volts. Remove power from vender before working in any of these areas.

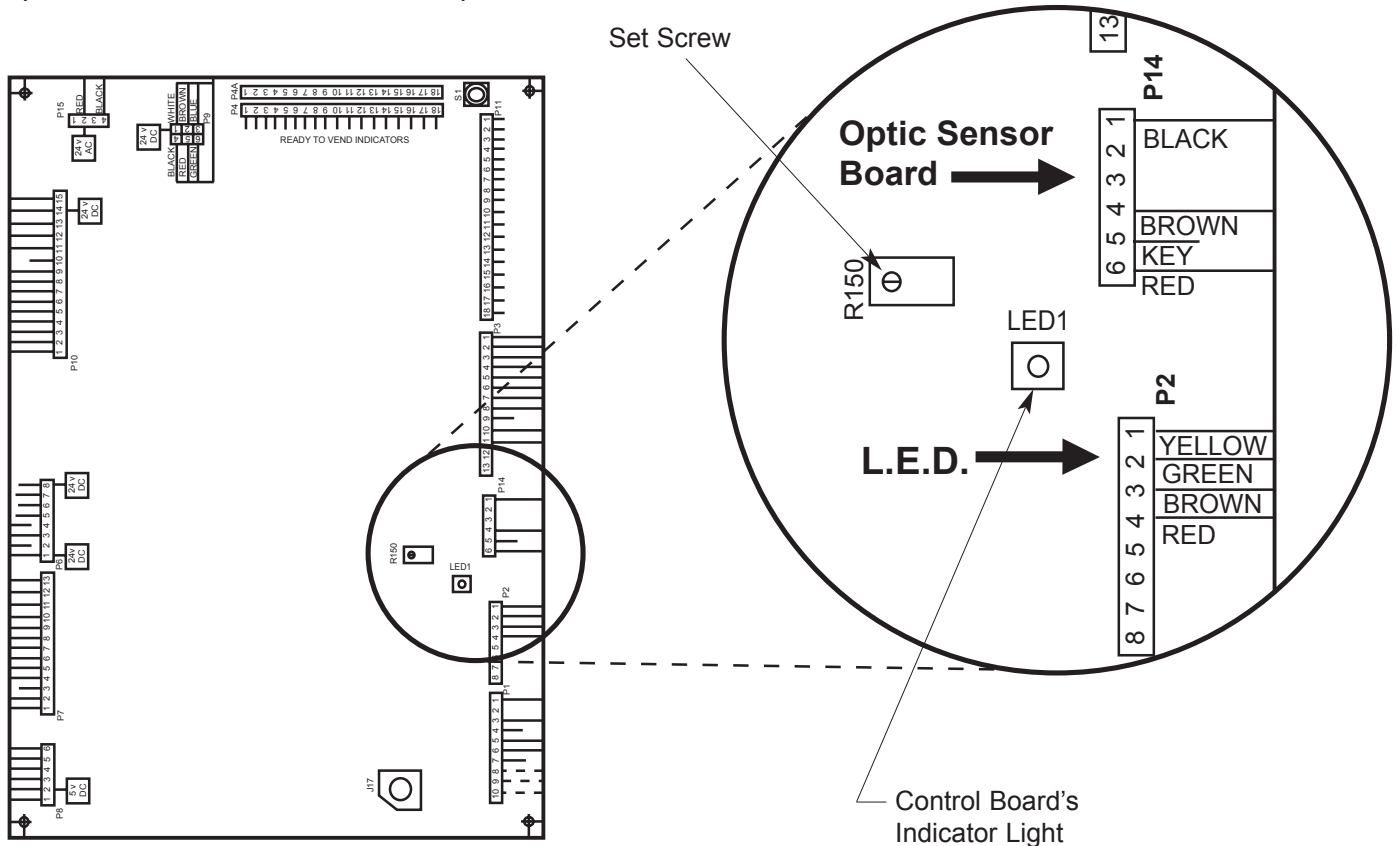
## INSTRUCTIONS:

1. Unplug optic sensor harness from the control board (P14).
2. Adjust the set screw (on the control board) clockwise until the indicator light becomes solid. Once the light becomes solid, continue two full turns clockwise.
3. Plug optic sensor harness to the control board (P14).

**Note:** After the optic sensor harness is plugged in, the indicator light on the control board will go out and the indicator light on the optic sensor board will come on.

4. Test adjustment by passing your hand across the path of the two optical sensors in the cabinet. Watch for the indicator light on the control board (LED1) to blink when the path is broken.

**!CAUTION!** If the optic sensor harness is plugged up to the wrong pin position (P2 which is for the L.E.D.), the optic sensor board will become inoperable.



**ANY QUESTIONS???** CONTACT ROYAL VENDORS' CUSTOMER SERVICE DEPARTMENT  
**CALL TOLL FREE (800) 931-9214**