

P/N 290604 Optical Sensor

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Optical Sensor P/N 290604 Replacement and Adjustment

Tools Required

- Small flat blade screwdriver
- Medium flat blade screwdriver

Procedure

Removal

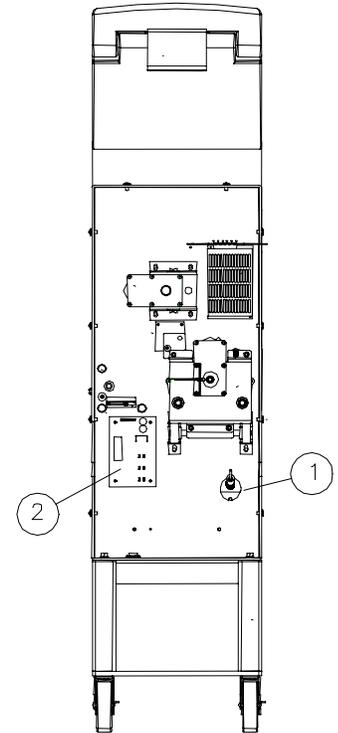
1. Turn the power off and unplug the power cord.
2. Remove the ten back cover mounting screws.
3. Remove the back cover.
4. Unplug the sensor wire from the controller board and remove it from any wire holders it may be in.
5. Loosen the sensor nut.
6. Remove the sensor from the mounting bracket by turning it counterclockwise.

Installation

1. Thread the new sensor clockwise into the mounting bracket until it just touches the sensor window.

Caution: do not force the sensor into the window it may push the window off the front of the mounting block.

2. Turn the sensor counterclockwise until the sensor adjusting screw is facing down.
Note: it is important the adjusting screw be facing down for proper sensor operation.
3. Slide the sensor nut over the sensor wire and thread it onto the sensor.
4. Hold the sensor in place and hand tighten the sensor nut.
5. Connect the sensor wire to the controller board.



Item No.	Description
1	Sensor
2	Controller board

Sensor adjustment

1. Turn ON the Dispenser. Set a basket on the basket rack with the front of the basket touching the basket stop.
2. Turn the adjustment screw fully counterclockwise. The green light should be ON.
(Turn the screw slowly until it stops to avoid damaging the sensor. The screw can turn a total of 270 degrees.)
3. Turn the adjustment screw clockwise until the red light turns ON. Green light should be OFF.
4. Turn the adjustment screw clockwise until the green light turns ON. The red light should still be ON.
5. Test by positioning the basket on the basket rack and removing it. Watch the control panel to ensure the LED light turns off.
(Display must be in "Auto Operation" mode to test sensor operation.)

Item No.	Description
1	Adjustment screw
2	LED light - green
3	LED light - red

