

Installation Guide for Overfill Sensor with Ground, JST Kit #3 – #4687330

Parts List:

1885408	Mach. Screw, #6-32 x .50, SS
1907013	Hex Nut, 6-32, SS
4685413	PCB assy, Overfill Sensor, JST w/ Ground Wire
4687200	Holder, Overfill sensor
4687430	Instructions, Overfill Sensor w/ Ground, just

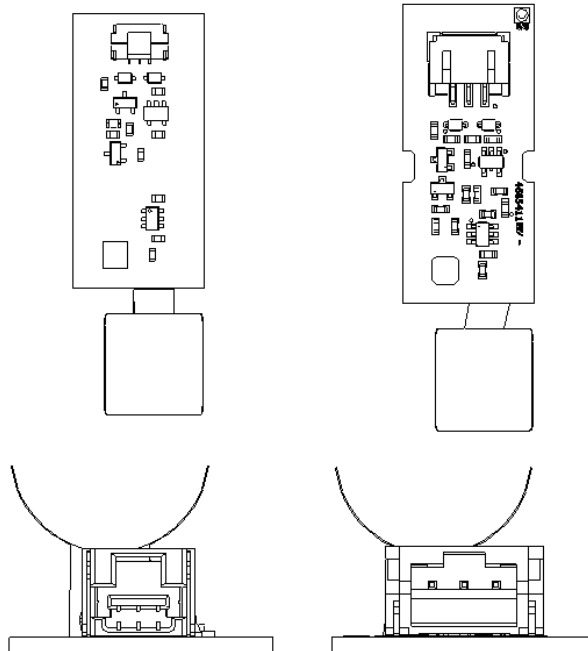
Introduction

These instructions will retrofit the glassware washer's Overfill Sensor with the Overfill Sensor with Ground wire. This fix addresses issues with Fill Failures.

Determine which type of sensor is on the washer. See diagram below.

CLIKMATE CAPSENSE BOARD

JST CAPSENSE BOARD

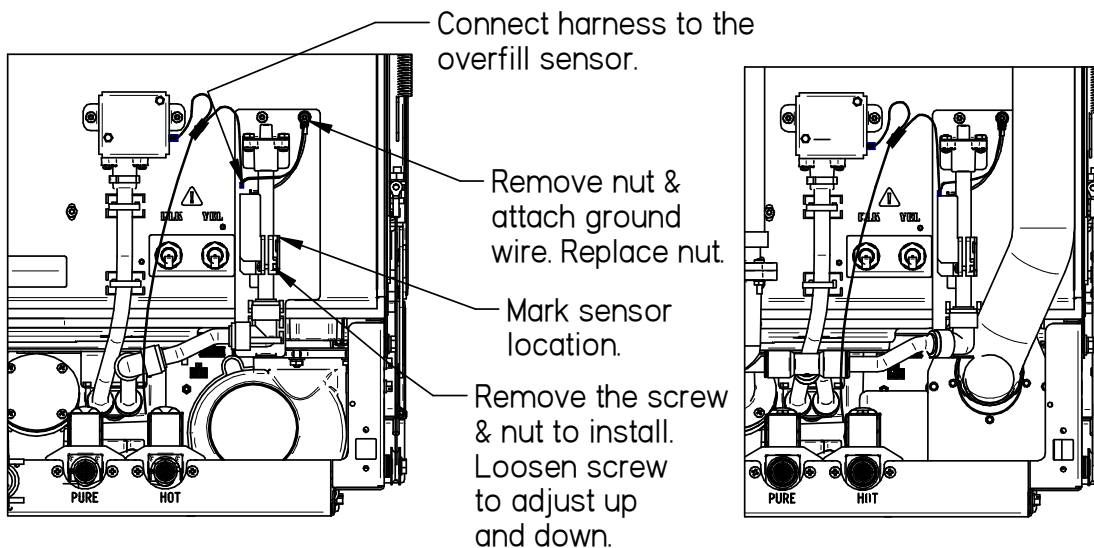


This service kit is for JST Overfill Sensor replacement. If the washer uses a ClickMate Overfill Sensor, please call Labconco Product Service.

Uninstall the Overfill Sensor:

1. Disconnect power to the glassware washer.
2. Mark the location of the Overfill Sensor so the new sensor can go back at the same location.
3. Remove the Overfill Sensor assembly by removing the screw and nut on the sensor holder.
4. Pull the connector along the direction of the board (**Do not pull on the wires!**).

Install the Overfill Sensor:



SteamScrubber

FlaskScrubber

1. Connect the wire assembly connector to the new Overfill Sensor. If the connector is damaged, use the supplied wire assembly.
2. Install the new Overfill Sensor in the same location with the screw and nut. Pass the green ground wire behind the tube.
3. Remove the nut that holds the Overfill Sensor mounting bracket and connect the green ground wire. Replace the nut.
4. Continue to next page to for setting sensor height..

Set Overfill Sensor:

1. Turn power back on.
2. Go to the Maintenance Screen, and touch for 2 to 5 seconds the top and bottom left corners of the display simultaneously to get to the Factory Settings page.
3. Perform a factory fill. Once completed change the fill time to 5 and continue to fill the tank. Continue filling the tank until you receive the High Water Alarm. Turn off the water immediately by pressing the “OK” and “STOP FILL” buttons on the display.
4. Check the water level in the tank. The water level should be just touching the top of the distribution tube. The blue light on the overfill sensor should be on. If the water level didn't reach the top of the distribution tube, the sensor should be moved up.
5. If the sensor needs to be adjusted, loosen the sensor screw and move the Overfill Sensor up or down until the blue light on the sensor illuminates. Raise the sensor up 1/8” above this until the light goes off. Tighten the screw (do not overtighten).
6. Drain the water and repeat step 4 to confirm that the Overfill Sensor is set correctly. **Caution:** *In the Factory Fill Screen only, you can continue to add water over the High Water Alarm until the Overfill Sensor actuates. If the Overfill Sensor is set too low, you will never get the High Water Alarm. If the Overfill Sensor is set too high and never actuates you can continue to add water and over run the tank.*

