

Before performing any service always follow applicable safety precautions.

Proximity Sensor Adjustment

Affected Products:	Gas rotisserie smokers with proximity sensor
Affected Serial Range:	N/A
Related Issue #:	N/A

Issue Description:

The proper adjusting method when the proximity sensor fails to detect that the door is closed.

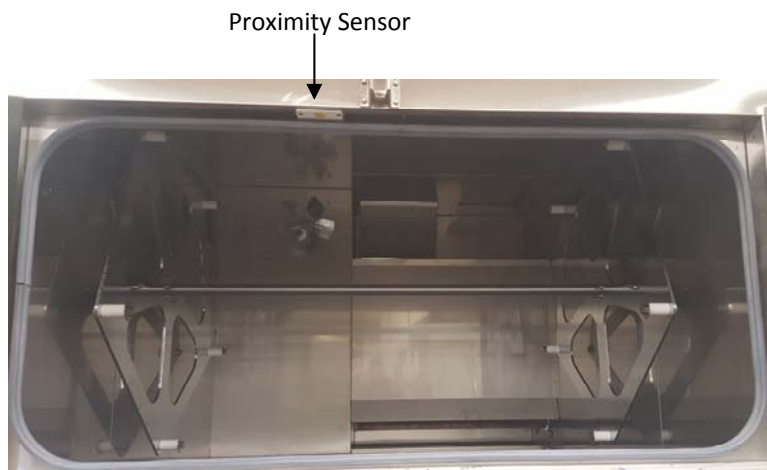
On smokers equipped with the standard CV control this can be indicated by the control readout being blank and the main power switch no longer being illuminated when the door is closed and the smoker is powered on.

On smokers equipped with the optional cook and hold control this can be indicated by the control reading "door" when the door is closed.

Actions Required:

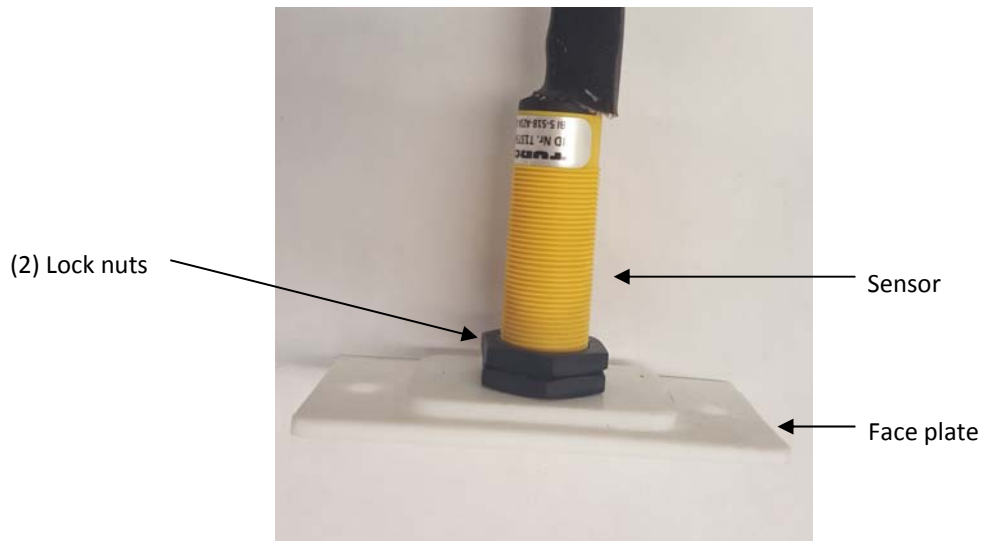
The proximity sensor should be adjusted down to reduce the sensing range between the door and sensor.

1. Remove the 2 screws with a flat-tip screwdriver that hold the proximity sensor face plate to the smoker and lower the sensor out of smoker.



Actions Required (continued):

2. Loosen the 2 lock nuts on the back of the sensor.



3. Adjust the sensor by screwing the sensor down on the face plate until a 1/8" (3mm) gap exists between the top edge of the door and the face of the sensor. CAUTION: DO NOT ALLOW THE SENSOR TO MAKE CONTACT WITH THE DOOR AS THIS WILL DAMAGE THE SENSOR AND VOID THE WARRANTY.
4. Tighten the lock nuts until they are snug against the face plate.
5. Re-install the sensor in the smoker. CAUTION: CARE SHOULD BE TAKEN WHEN RE-INSTALLING THE SENSOR TO ENSURE THAT THE INSULATION INSIDE OF THE SMOKER REMAINS BETWEEN THE SENSOR AND THE INTERIOR CABINET OF THE SMOKER. IF THE INSULATION IS PUSHED UP INSIDE OF THE SMOKER, OR THE SENSOR IS BETWEEN THE INSULATION AND THE INTERIOR CABINET OF THE SMOKER, THE EXCESS HEAT WILL SHORTEN THE LIFE OF THE PROXIMITY SENSOR.

Additional Comments:

The door hinges / screws should not be considered as a way to adjust spacing for the proximity sensor as this will not accomplish the adjustment needed.

Secondary Distribution:

Service technicians within the Distributor's organization.
Service companies.

For Additional Information:

Southern Pride Technical Service: (800) 437-2679