

Instruction Sheet

Follow these instructions to install or replace an Intuition gas pressure sensor.

Subject: 8263976 & 8263977 Intuition Gas Pressure Sensor Kit Instructions

Models affected: Intuition Gas Fryers

10/23/2026

1. If adding a new gas pressure sensor to the fryer (see Figure 1), remove the 1/4" NPT plug from the gas manifold port. If replacing a gas pressure sensor, skip to step 3.
2. Apply a small amount of Loctite® 545 pipe sealant or Teflon™ paste to the threads of the male end of the street elbow or bushing and attach it to the 1/4" NPT port on the manifold and skip to step 5.
3. Disconnect the sensor from the top left connector on the rear of the SCB box (see Figure 2).

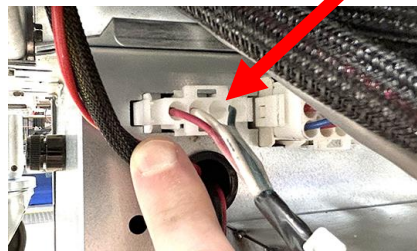


Figure 2

4. Remove the old sensor (see Figure 3) from the elbow or bushing.
5. Apply a small amount of Loctite® 545 pipe sealant or Teflon™ paste to the female end of the elbow or bushing and attach the new sensor to the elbow or bushing (see Figure 4).
6. Attach the 4-pin round harness to the sensor (see Figures 5 & 6). **NOTE: The harness connector is keyed to only insert one way.**



Figure 1



Figure 3

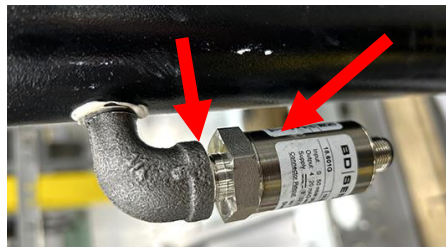


Figure 4

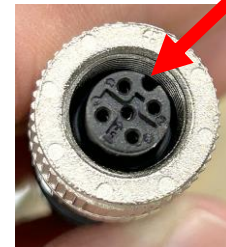


Figure 5



Figure 6

7. Gently rotate the connector to tighten the electrical connection until it is snug.
8. Connect to the plug shown in Figure 2.
9. Press the **HOME** button .
10. Press the **SETTINGS** button .
11. Enter **1650** using the number keys and press the **CHECK** button .

In This Kit (Not all parts will be in each kit)		
Part #	Description	Qty
130007236	SENSOR, GAS MANIFOLD PRESSURE	1
8130543	ELBOW, STREET 1/4 NPT BM	1
8130304	BSHNG, FLUSH 1/2NPTX1/4NPT BM	1
8198107	30LB GAS PRESSURE SNSR INSTRUCTIONS	1

12. Press **GENERAL**.

13. Swipe up to scroll down and press **FRYER CONFIGURATION**.

14. Ensure **Gas Sensor** is set to **On** (see Figure 7) and press the **CHECK** button .

15. Press the **HOME** button .

16. Power cycle the fryer using the master power reset switch.

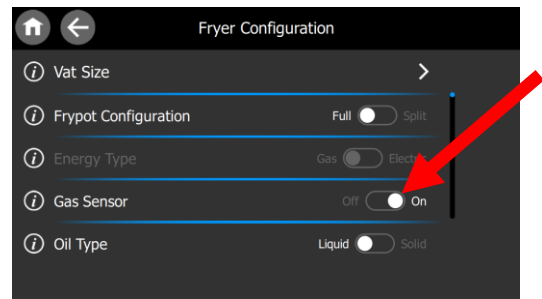


Figure 7