

Instruction Sheet

Follow these instructions to remove the Translator Board and Replace the OQS (Oil Quality Sensor).

1. Disconnect power and gas from the fryer.
2. Remove the fryer from the hood to gain access to the rear of the fryer.
3. Open the door and remove the oil JIB container from the fryer to gain access to the FIB (Filter Interface Board) box (see Figure 1).
4. Remove the two (2) ¼" screws attaching the cover of the FIB box (see Figure 2).
5. Remove the cover FIB box cover (see Figure 3).
6. The red translator board is located on the right side of the FIB box (see Figures 3 and 4).
7. Disconnect the RJ11 cable, with the red, green and white wires, as shown in the lower right corner of the translator board (see Figures 4 and 5).

Subject: Translator Board Removal & OQS (Oil Quality Sensor) Replacement Instructions
Models affected: FilterQuick Touch Fryers

Required		
Part #	Description	Qty
8104443	SENSOR, OIL QUALITY EBRO MULTI	1
8076106	ADAPTER, LEGACY CAN TO JC6 CAN	1
8074552	HARNESS, COMMUNICATIONS END	1
8197534	INSTRUCTIONS	1



Figure 1

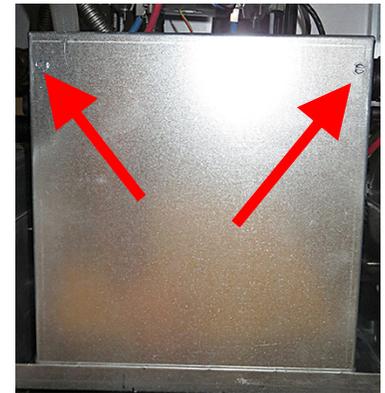


Figure 2

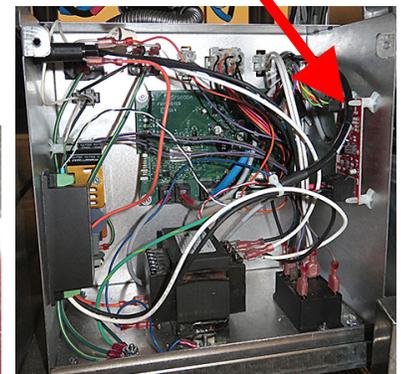


Figure 3

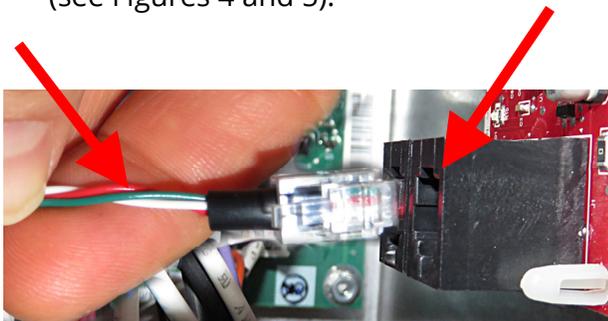


Figure 5

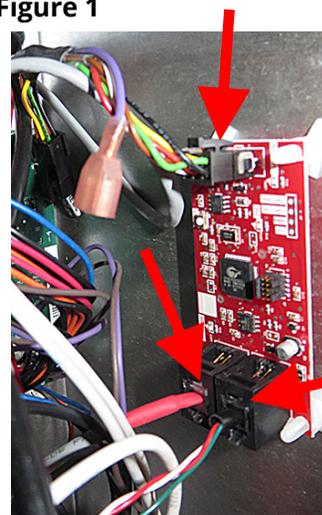


Figure 4

8. Disconnect the gray RJ11 cable, with the red shrink wrap, in the lower left corner of the translator board (see Figures 4 and 6).

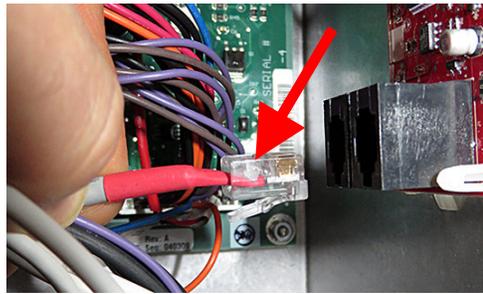


Figure 6

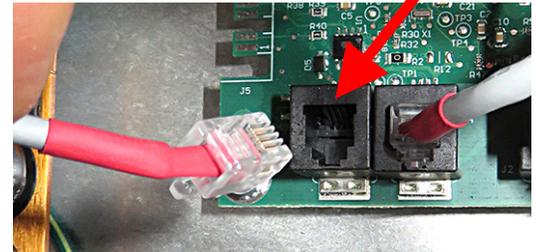


Figure 7

9. Disconnect the other end of the cable removed in the previous step from the FIB (Filtration Interface Board) (see Figure 7).
10. Connect the RJ11 cable with the red, white and green wires, removed from the translator board in step 7, to the open RJ11 connector on the FIB board, where the cable was removed in the previous step (see Figure 8).

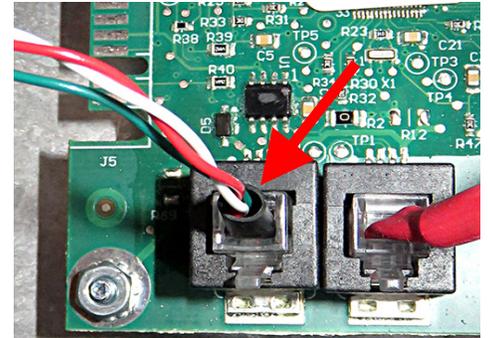


Figure 8

11. Disconnect the 6-pin connector from the top of the translator board (see Figure 9).
12. On the rear of the FIB box, cut the orange cable that was disconnected in the previous step (see Figure 10).



Figure 10

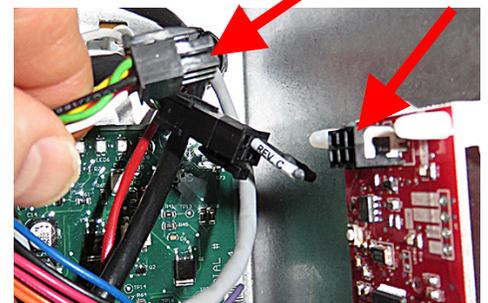


Figure 9

13. Remove and retain the terminator from the cable. Discard the remaining orange cable (see Figure 11).

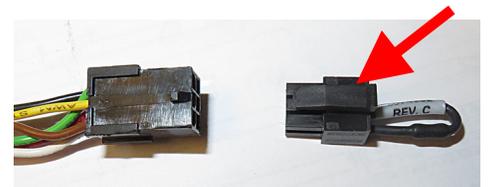


Figure 11

14. Cut the four (4) nylon standoffs attaching the translator board to the box and discard the board (see Figure 12).



Figure 12

15. At the lower end of the OQS (Oil Quality Sensor), cut the opposite end of the orange cable and discard the cable (see Figure 13).

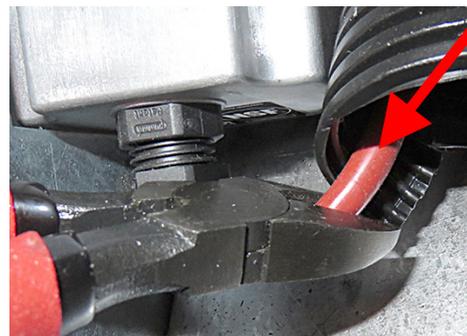


Figure 13

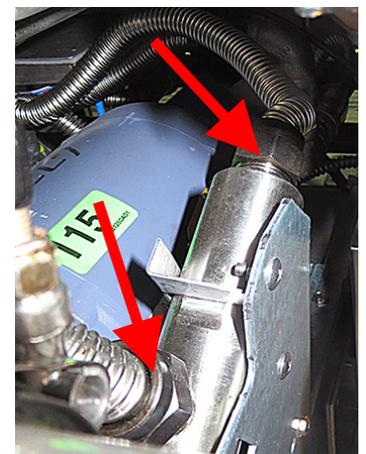


Figure 14

16. Disconnect both flexlines from the OQS sensor (see Figure 14).

17. Although the bracket shown may vary slightly, remove the screws that attach the OQS bracket to the frame (see Figure 15).

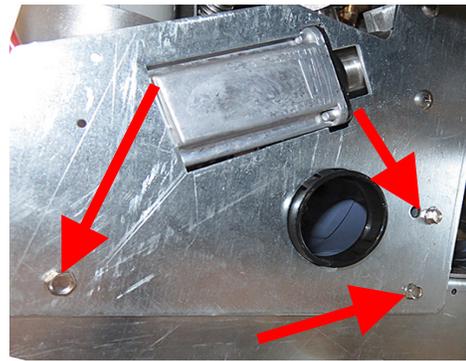


Figure 15

18. Lay the OQS sensor on its side and remove the nuts that securing the OQS sensor to the bracket (see Figure 16).

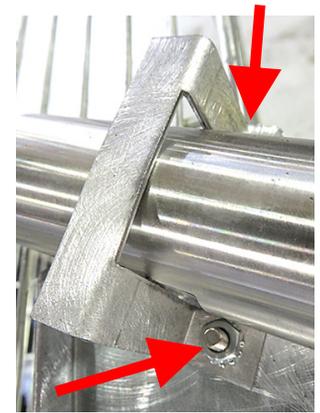


Figure 16

19. Remove and replace the OQS sensor.

20. Reattach the brackets and flexlines.



Figure 17

21. Remove the far **left** controller by removing the two (2) Phillips head screws (see Figure 17).

22. It may be necessary to loosen the bar in front of the controller.

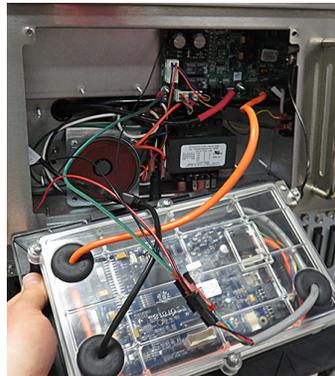


Figure 19

23. Slide the controller up while pulling the bottom out (see Figure 18).

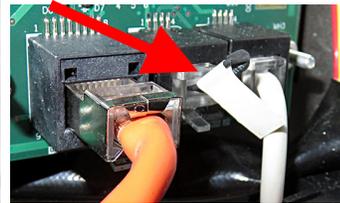


Figure 20

24. Gently lower the controller and hang by the tether (see Figure 19).

25. Remove the RJ-11 terminator resistor from the SIB (Smart Interface Board) (see Figures 20 and 21). Retain for a spare.

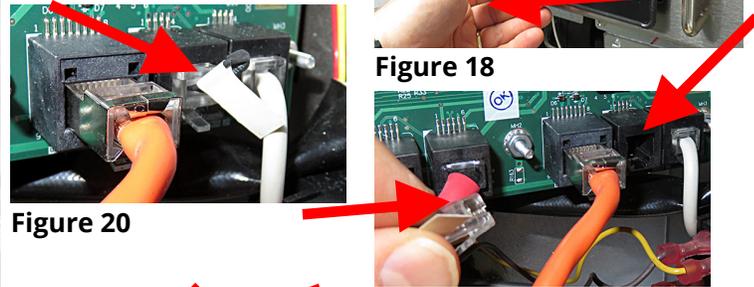


Figure 18

26. Remove the two (2) screws securing the far left ignition module assembly, located behind the left door (see Figure 22).



Figure 22

27. Remove the module assembly by pushing the assembly towards the rear of the fryer and lowering.

28. Allow the module assembly to hang out of the way (see Figure 23).



Figure 23

29. Route the harness from the new OQS sensor, behind the left control box, through the opening with the grommet (see Figure 24).

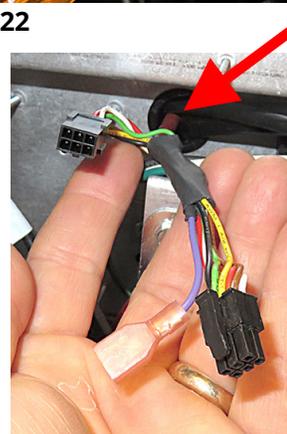


Figure 24

30. Reattach the module assembly removed in steps 26 and 27.
31. Attach the 6-pin male terminator removed in step 13 (or the 8074552 terminator that was included with these instructions) into the 6-pin female connector of OQS harness (see Figure 25).

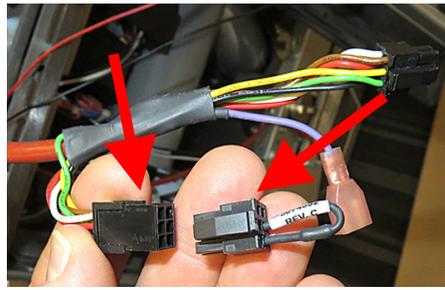


Figure 25

32. Attach the new 8076106 adaptor to the 6-pin male end of the OQS harness (see Figure 26).
33. Disconnect the orange harness from the controller to the SIB board, to ease attaching OQS sensor adaptor (see Figure 27).
34. Attach the RJ11 adaptor from step 31 to the SIB board, where the RJ11 terminator was removed in step 25 (see Figure 28).

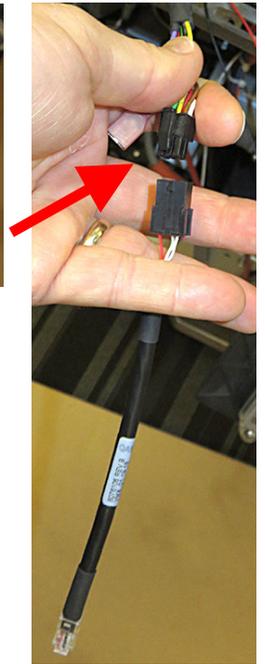


Figure 26

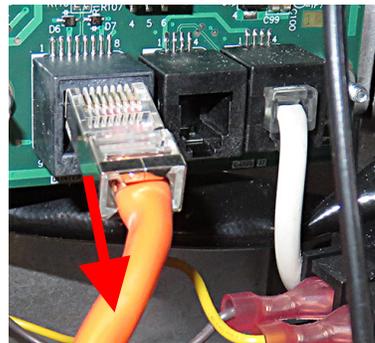


Figure 27

35. Reattach the harness disconnected in step 33 (see Figure 29).
36. Use zip ties to secure the OQS sensor harness out of the way.
37. Reassemble the fryer and return under the hood.
38. Reconnect gas and power.
39. Allow a few minutes for the fryer to boot up.
40. Once fryer has powered up, wait one (1) additional minute with the left controller OFF and press the HOME button. 

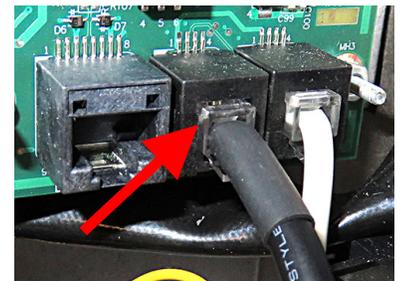


Figure 28

41. Press the INFORMATION button. 
42. Press the down arrow button one time. 
43. Press the SOFTWARE VERSION button. 
44. The controller displays INITIALIZING....
45. Once the software versions are displayed, press the down arrow button. 

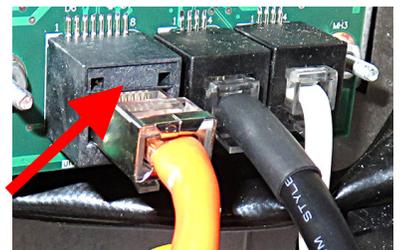


Figure 29

46. The OQS software version should display 80.01.012. If the displayed version is all zeros (00.0000.00), check the connections from the OQS sensor to the SIB board again.
47. Press the HOME button to exit. 
48. Power on the controller and let the oil heat to setpoint.
49. Press the filter button. 
50. Press OQS FILTER.
51. Press the YES ✓ (check) button and test for proper function.