

Instruction Sheet

Follow these instructions to install the basket lift kit.

Subject: 8263839, 8263708 & 8263709 Basket Lift Kit Installation Instructions (Electric)

Models affected: FilterQuick Touch Electric Fryers (FQE30T/FQE60T/FQE80T)

09/18/2024

1. Remove the touch screen controller and bezel.

- a. Disconnect the power from the fryer.
- b. Remove the two Phillips head screws from the upper left and right corners of the controller (see Figure 1).
- c. Loosen the acorn nuts on both ends of the guard (see Figure 2).
- d. Slide the guard up to the top of the rails (see Figure 3).
- e. Slide the controller up to disengage it from the bezel (see Figure 4).
- f. Lift the controller out from the bezel (see Figure 5).
- g. Disconnect the RJ45 controller cable from the SIB board (see Figure 6).
- h. Lower the controller and rest it on the bottom of the control box (see Figure 7). The black tether on the right will support the controller.
- i. Locate and disconnect the current vat locator, speaker wire and ground wire from the rear of the controller (see Figure 8).

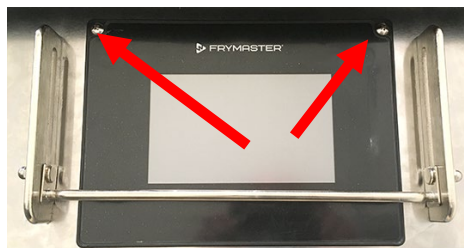


Figure 1

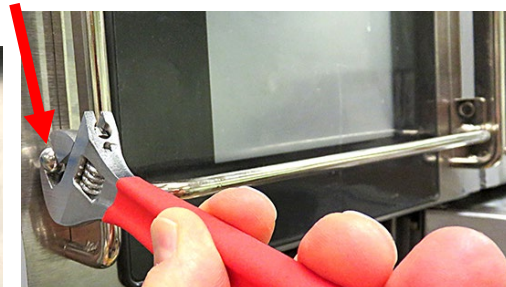


Figure 2



Figure 3



Figure 4

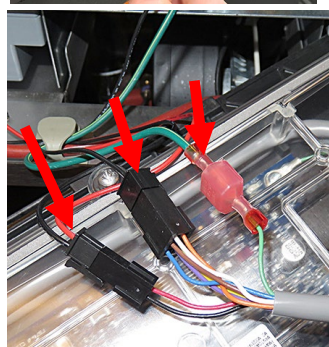


Figure 8



Figure 6



Figure 7



Figure 9

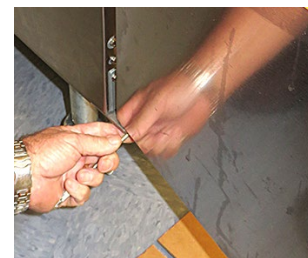


Figure 10

- j. Disconnect the lanyard tether (see Figure 9).
- k. Remove the controller and set aside.
- l. Remove the door by pushing up on the up on the pin on the lower hinge with a screwdriver or similar object until the door can be removed (see Figure 10).
- m. Remove the bezel by removing the two screws on the bottom of the bezel, starting with the screw closest to the door first, so the bezel can rest on the door (see Figure 11).
- n. Remove by tilting the bezel up and out from the bottom and lower towards the front of the fryer (see Figure 12).

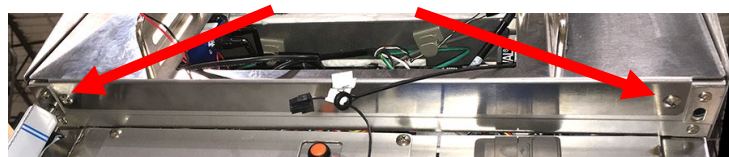


Figure 11

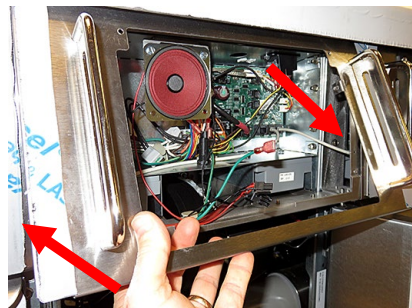


Figure 12

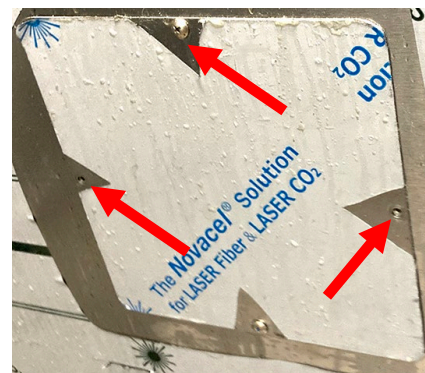


Figure 13

2. Remove the left side panel (if applicable).

- a. Remove the top and two (2) side screws attaching the left side access panel (see Figure 13).
- b. Loosen the bottom screw attaching the left side access panel and allow the panel to rotate down out of the way (see Figure 14).



Figure 14

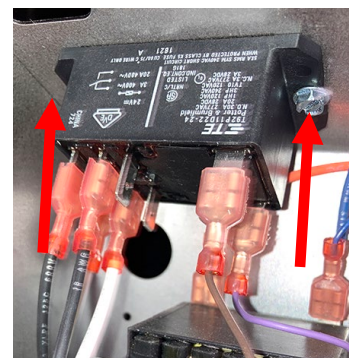


Figure 15

3. Install the wiring.

- a. Remove the screws attaching the relay in upper left corner of the control box (see Figure 15). With the wires attached, lower out of the way.
- b. Remove the conduit nut from the harness and conduit (see Figure 16).
- c. Gain access to to the rear of the fryer. Starting from the rear of the fryer, insert the conduit with the wires shown (see Figure 17) into the rear of the fryer.
- d. Route the harness towards the left side of the fryer (as viewed from the front of the fryer), past the side panel access, removed in Step 13b (see Figure 18), to the upper left rear corner knockout opening in the control box (see Figure 19).
- e. Secure the harness to the rear of the control box with the conduit nut (see Figure 20).
- f. Reattach relay, removed in step a above.

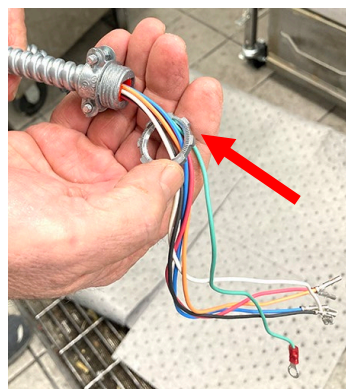


Figure 16

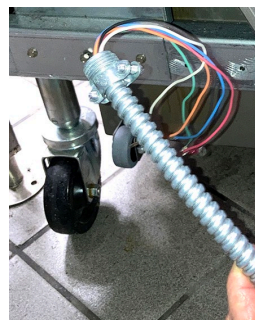


Figure 17

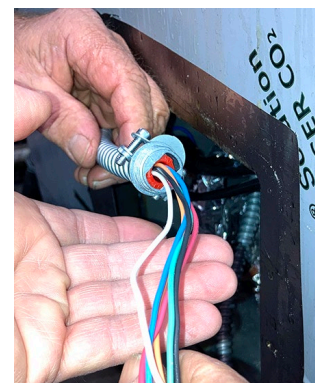


Figure 18



Figure 19

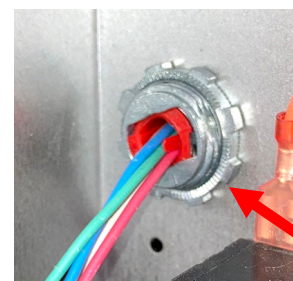


Figure 20

- g. Locate the 8075951 harness. Disconnect the three (3)-pin molex connector and wires from the 20-pin connector (see Figure 21). If already present on the fryer skip to step K. Use a small screwdriver or fine pin to gently lift up the tabs (see Figure 22) and

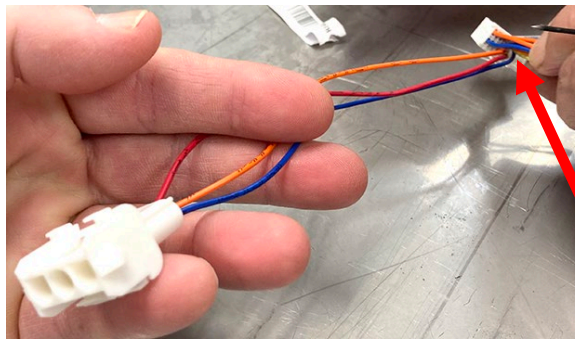


Figure 21

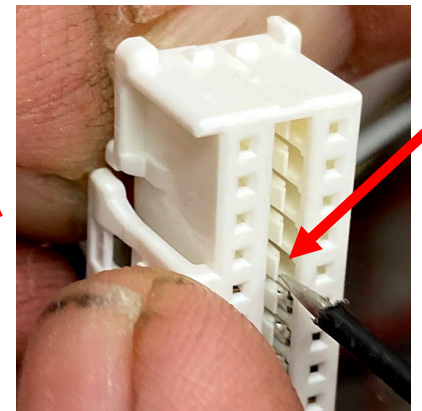


Figure 22

- gently tug on the wires, to disconnect the orange, red and blue wires as shown (see Figure 23).

- h. Using the 3-pin harness removed in the previous step (see Figure 24), insert the blue wire below the yellow wire, on the J1 vertical connector attached to the SIB board (see Figures 25 and 26). **(NOTE:**

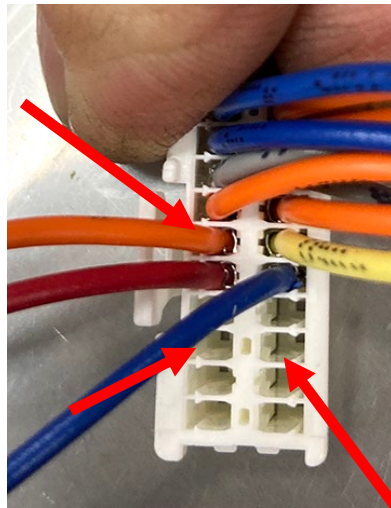


Figure 23

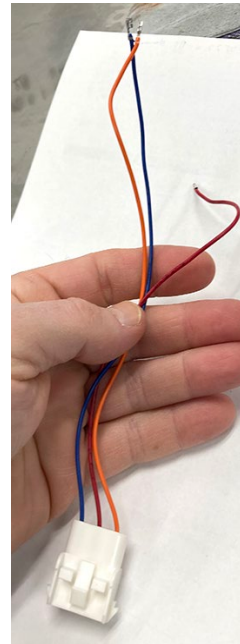


Figure 24

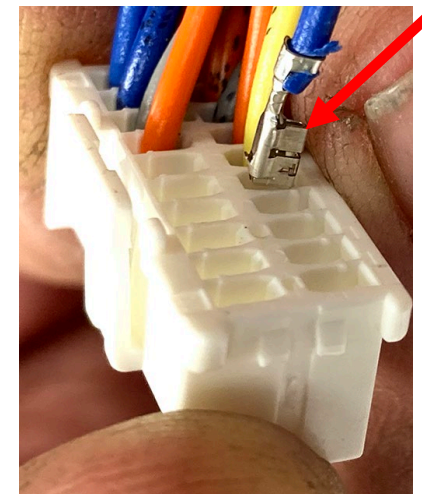


Figure 25

- Orient the flag of the wire terminal towards the outer edge of the plastic connector (see Figure 25).** Gently pull

- on the connector to ensure it is locked into place.
- i. Insert the orange wire directly to the left of the yellow wire, on the J1 vertical connector attached to the SIB board (see Figure 27).

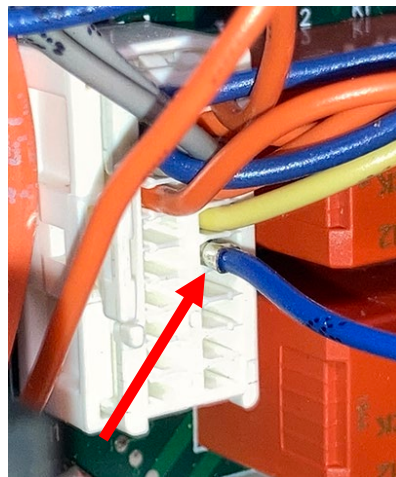


Figure 26

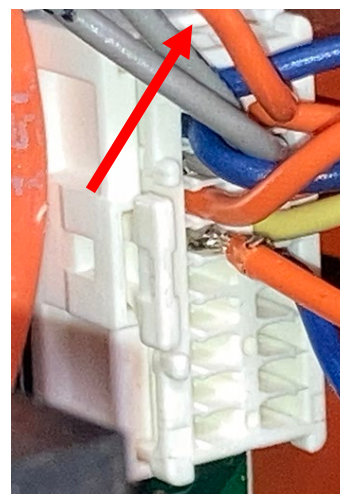


Figure 27

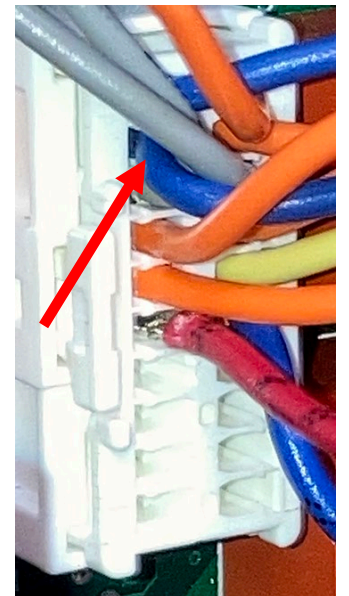


Figure 28

- (NOTE: Orient the flag of the wire terminal**

towards the outer edge of the plastic connector). Gently pull on the connector to ensure it is locked into place.

- j. Insert the red wire directly under the orange wire, on the J1 vertical connector attached to the SIB board (see Figure 28). **(NOTE: Orient the flag of the wire terminal towards the outer edge of the plastic connector).** Gently pull on the connector to ensure it is locked into place.

- k. Attach the 3-pin male molex connector to the 3-pin female molex connector from the previous step (see Figure 29).
- l. Insert the blue molex wire from the harness from step e into the 3-pin connector directly across the existing blue wire (see Figure 30). Gently pull on the connector to ensure it is locked into place.

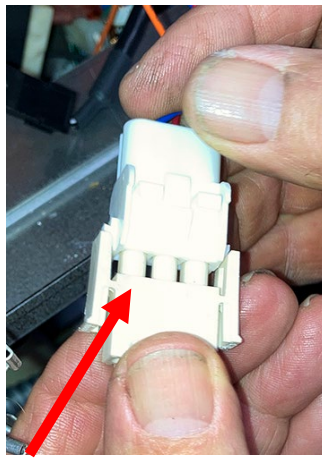


Figure 29

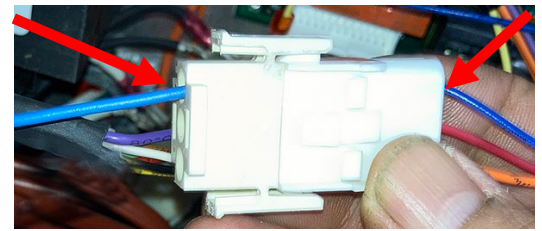


Figure 30

- m. Insert the orange molex wire from the harness from step e into the 3-pin connector directly across the existing orange wire (see Figure 31). Gently pull on the connector to ensure it is locked into place.

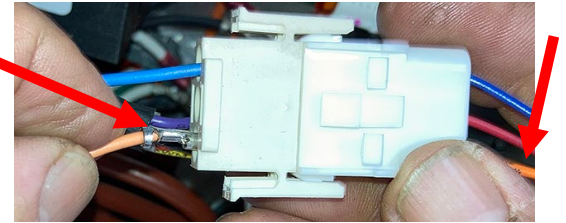


Figure 31

- n. Insert the red molex wire from the harness from step e into the 3-pin connector directly across the existing red wire (see Figure 32). Gently pull on the connector to ensure it is locked into place.

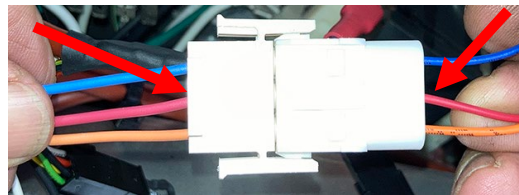


Figure 32

- o. Disconnect the white wires from the lower transformer (see Figure 33) or use enclosed Wago snap wire connectors, if necessary, to splice into the wires.

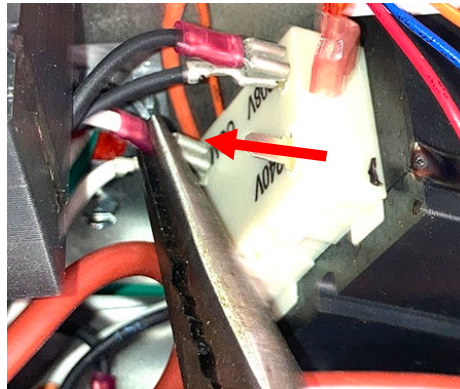


Figure 33

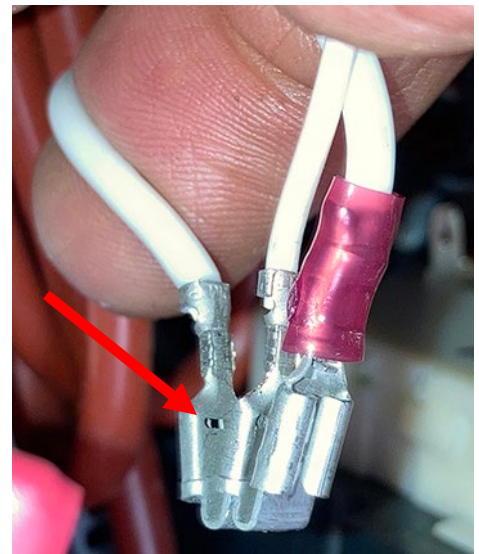


Figure 34

- p. Connect the white wire from the harness in step E to the butterfly terminal (see Figure 34).

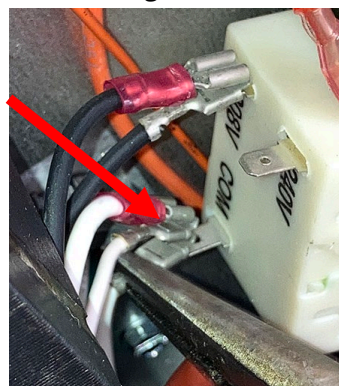


Figure 35

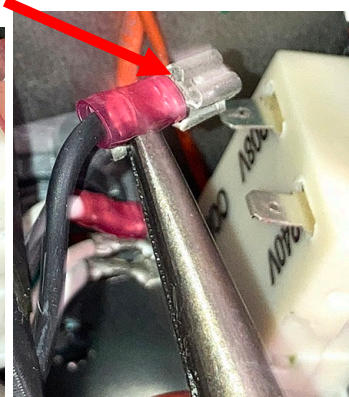


Figure 36



Figure 37

- q. Reattach the white wires to the transformer (see Figure 35).
- r. Disconnect the black wires from the lower transformer (see Figure 36).
- s. Connect the black wire from the harness in step e to the butterfly terminal.
- t. Reattach the black wires to the transformer (see Figure 37).
- u. Attach the ground wire from the harness in step e to the side of the control cabinet (see Figure 38).

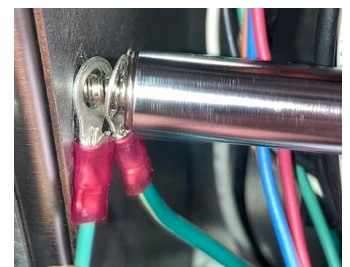


Figure 38

4. Install the Basket Lift

- a. On the rear of the fryer, remove the four (4) side screws towards the outer edge of the fryer (see Figure 39).
- b. Using the screws removed from previous step, insert the screws into the holes in the center of the fryer back (see Figure 40) and thread the holes, if not already threaded. Remove the screws after threading.
- c. Using the screws removed from step a and supplied screws, attach the basket lift assembly (see Figure 41). If any of the holes don't line up, use the supplied self-tapping screws.
- d. Insert the molex cable at the end of the conduit, from step 12 (see Figure 42) through the opening in the bottom of the basket lift assembly.
- e. Connect the male Molex connector to the female Molex connector (see Figure 43).
- f. Attach the conduit plate to the bottom of the basket lift assembly using 4 supplied screws (see Figure 44).
- g. Attach the wiring diagram to the inside of the basketlift cover and slide the cover over the basket lift arms (see Figure 45).
- h. Position the basket lift cover shield over the vents and using supplied screws secure the basket lift cover and shield. (see Figures 46 and 47).
- i. Using supplied 8091101 screws, attach to the cover using the two inner holes (see Figure 47).
- j. Remove existing basket lift hanger (see Figure 48) and discard.
- k. Slide new basket lift bracket over the existing studs or attach using three (3) screws depending on design (see Figures 49 and 50).



Figure 39

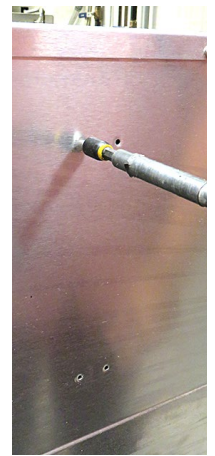


Figure 40



Figure 41

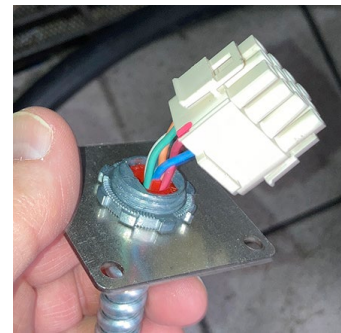


Figure 42



Figure 43



Figure 44



Figure 45

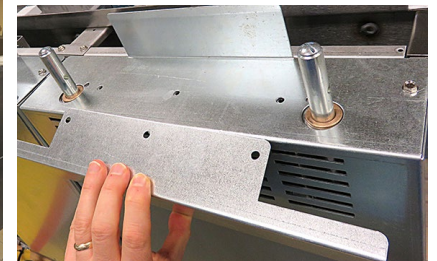


Figure 46



Figure 47



Figure 48



Figure 49



Figure 50

- l. Attach the new arms into bracket by inserting at a 45 degree angle and placing over the basket lift shaft (see Figures 51 and 52). **NOTE: Basket lift arms may differ in appearance depending on fryer type.**
- m. Insert the baskets into the basket lift arms (see Figure 53).
- n. Reconnect the power to the fryer.
- o. Ensure the fryer is repositioned under the hood.



Figure 51








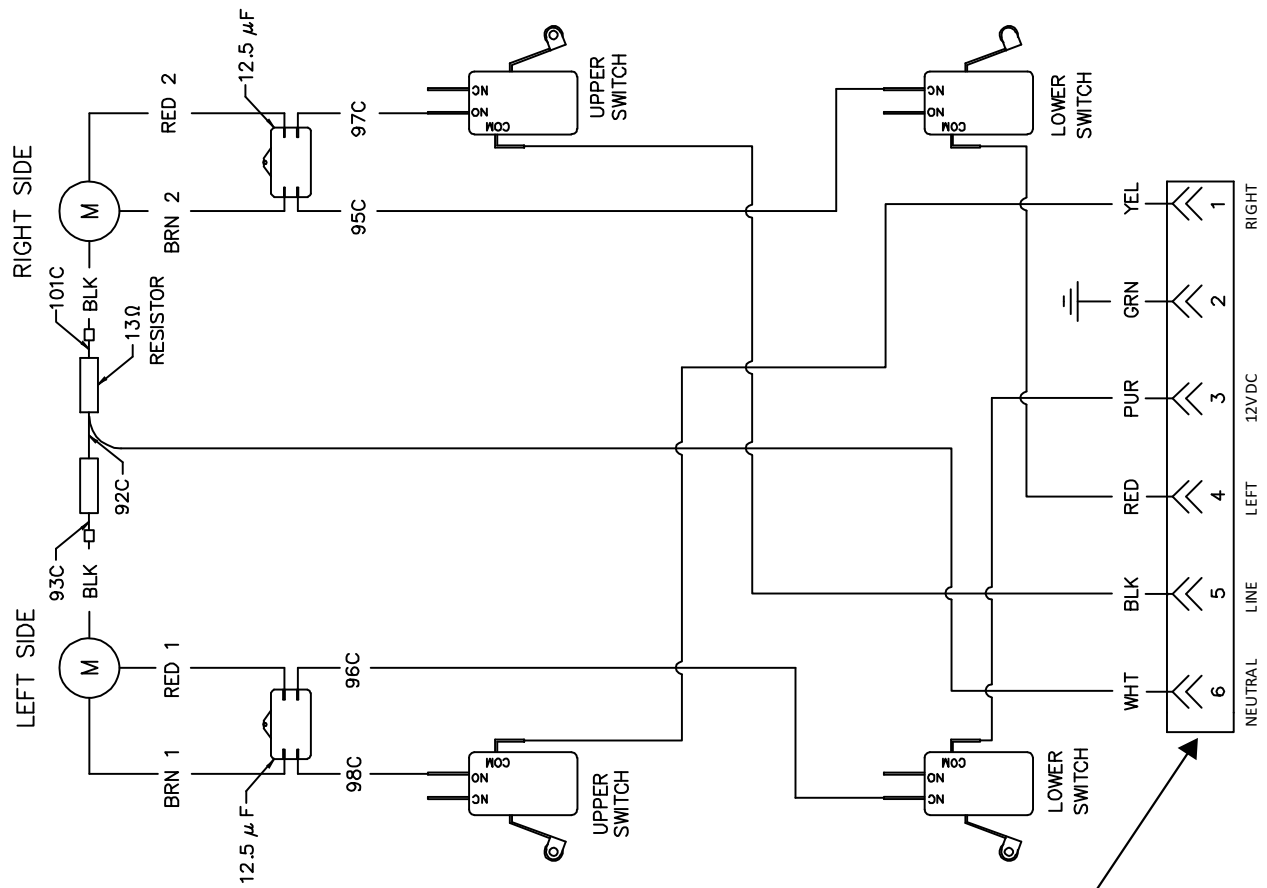
Figure 52



Figure 53

5. Test Basket Lift

- a. Once fryer has rebooted, wait one (1) additional minute and with the controller OFF, press the  button.
- b. Press the  button.
- c. Press the  (MANAGER) button.
- d. Enter **1656 or 3000 or 1993 or 1968**.
- e. Press the √ (check) button.
- f. Press the down arrow button two (2) or three (3) times until BASKET LIFT is visible. 
- g. Press BASKET LIFT.
- h. Press ON.
- i. Press the √ (check) button.
- j. Press the  button to exit.
- k. Press and hold the momentary reset switch. Ensure the switch is pressed and held for one (1) minute. The button may be located on the rear of the control box behind the JIB reset switch. On other units, the switch is located close to the USB port on the far-left side of the fryer.
- l. Once the fryer is rebooted start a cook to test the basket lift operation.



REFERENCES TO LEFT AND RIGHT ARE FROM THE FRONT OF THE FRYER

