

Instruction Sheet

Follow these instructions to install the H55 GIVEG basket lift kit.

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. On the rear of the fryer, remove the four (4) side screws towards the outer edge of the fryer (see Figure 1).
4. Using the screws removed from previous step, insert the screws into the holes in the center of the fryer back (see Figure 2) and thread the holes, if not already threaded. Remove the screws after threading.
5. Using the screws removed from step 3 and supplied screws, attach the basket lift assembly (see Figure 3). If any of the holes don't line up, use the supplied self-tapping screws.



Figure 1

6. Insert the supplied cable assembly (1087490) through the opening in the bottom of the basket lift assembly. Connect the male Molex connector to the female Molex connector (see Figure 4).



Figure 2



Figure 3

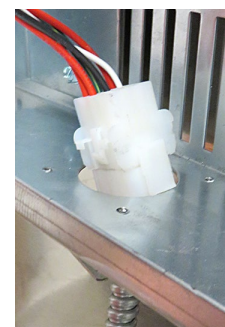


Figure 4

Subject: 8263795 H55 GIVEG Basket Lift Installation Instructions (Gas)

Models affected: H55 Gas Fryers with GIVEG Interface Boards

In This Kit		
Part #	Description	Qty
130000902	B/L ASSY, CE GIVEG BOARD	1
8238458	ARM W/A BL LEFT H55	1
8238459	ARM W/A BL RIGHT H55	1
8090434	SCREW, #10X3/8 HX WSHR HD NP	4
8091101	SCREW, #12X1/2 HX WSHR SL HD Z	2
8090360	SCREW, #8x3/8 TYP B HX WSHR HDZP	3
8090132	SCREW, 1/4-20X3/4 PN SL HD SS	2
8090412	SCREW, #10-1/2 HX WSHR HD NP	8
8090364	SCREW, #8 X 5/8" HX	14
8090361	SCREW, DRILL #8 X 1/2" HX	10
1065193	WIRE ASSY, BL W/RELAY	1
1065447	WIRE ASSY, B/L W/RELAY	1
2309950	GUIDE, H55 BASKET LIFT ARM	1
1087490	CABLE ASS'Y, BASKET LIFT H55	1
2401707	COVER FPRE/H55 MODULAR BASKET LIFT	1
8072469	BUSHING, HEYCO 1" I.D. SB1250-16	2
8140015	TY WRAP	6
8076389	HARNESS, HE CE VAT1 FLTR W/BL	1
8052163	DIAGRAM, 230-250V CE FQ/OCF B/L	1
130230316	BRACKET, BASKET LIFT HARNESS	1
8100632	TUBING, SS PIN PUSHER	1
8198031	INSTRUCTIONS	1

7. Attach the conduit plate to the bottom of the basket lift assembly using four (4) supplied screws (see Figure 5).
8. Route the other end of the conduit harness, along the inside left side of the fryer for vat #1, to the front of the fryer (see Figure 6). All other vats will run directly to the rear of associated control box. Wires will be removed from this connector and added to the filter harness connector behind the rear of the far-left control box.

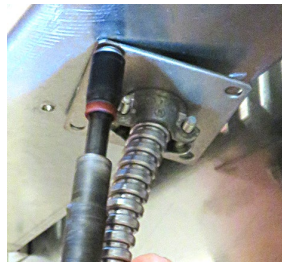


Figure 5

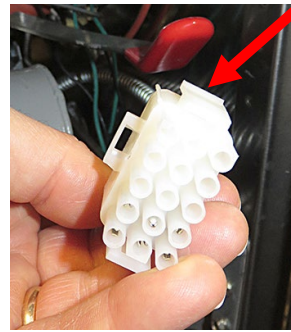


Figure 6

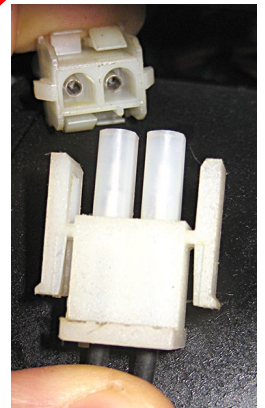


Figure 7

9. Disconnect 2-pin solenoid connection behind the far-left control box (see Figure 7).

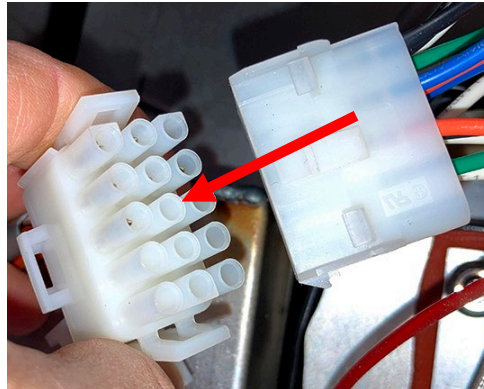


Figure 8

10. Disconnect the 15-pin filter harness behind the far-left control box (see Figure 8).

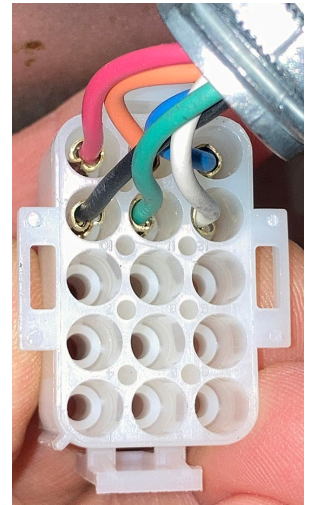


Figure 9

11. Take a photo of the wire locations in the basket lift harness in step 8, noting their pin positions (see Figure 9).

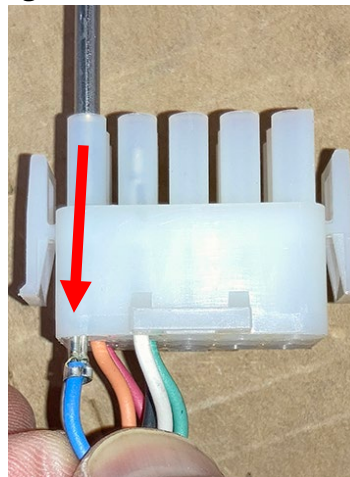


Figure 10

12. Using the supplied pin pusher, push **ALL** the pins out of the basket lift harness from step 8 and insert into the corresponding positions of the existing MALE 15-pin filter harness disconnected in step 10 (see Figures 10 & 11).

***NOTE:**

Black - Pin 10,
Green - Pin 11,
White - Pin 12,
Red - Pin 13,
Orange - Pin 14,
Blue - Pin 15.

13. Gently tug on the six (6) wires inserted into the

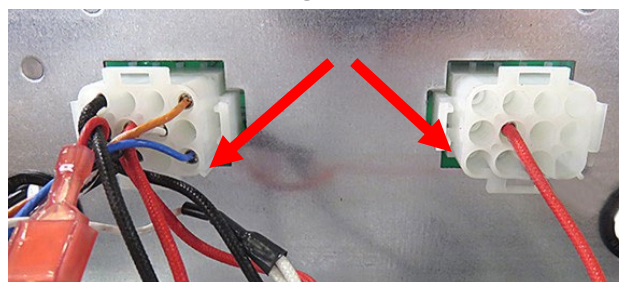


Figure 12 Rear View of Control Box

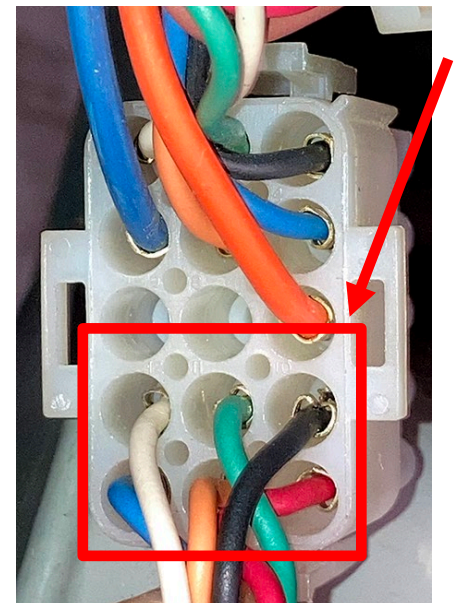


Figure 11

connectors in the previous steps to ensure the pins are fully locked into the connector

14. On the rear of the control box are two (2) connectors that attach to the rear of the interface board (see Figure 12). The photo is viewed from inside from the rear of the fryer.

15. Reach up behind the control box and locate the plugs shown in Figure 12.

16. Disconnect both connectors from the rear of the control box and gently lower ensuring that no pins are pulled from the plugs (see Figure 13).

17. Remove the controller bezel associated with the basket lift (see Figure 14).

18. Remove the two screws, attaching the controller, associated with the basket lift (see Figure 15).

19. Disconnect all the connections on the rear of the controller (see Figure 16).

20. Disconnect all connections on the interface board and remove the interface board (see Figure 17).

21. Disconnect the existing 15-pin female harness behind the control box by tracing and disconnecting wires inside the control box that are connected to pins 1, 2 & 3.

22. Locate new 8076389 15-pin female harness and insert the **BLACK** wire with the terminated pin connector into pin 7 of the J3 12-pin male connector that was shown in Figure 13, with the single **RED** wire (see Figure 18). (***Note – Pin 1 is indicated by the ridge in the corner (see Figures 18, 19, 20 and 21)). Reference drawing on last page of these instructions.**

23. Insert the **RED** wire with the terminated pin connector of the new harness into pin 7 of the J1 12-pin male connector that was shown in Figure 13, with the large group of wires (see Figure 19).

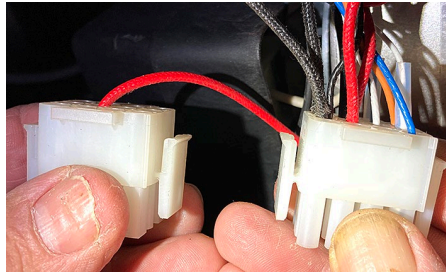


Figure 13



Figure 14



Figure 15

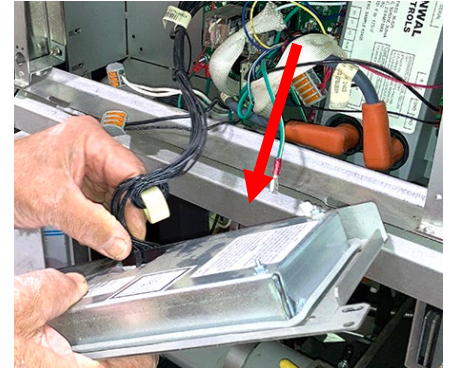


Figure 16

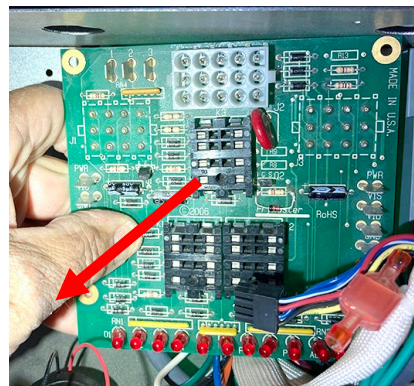


Figure 17

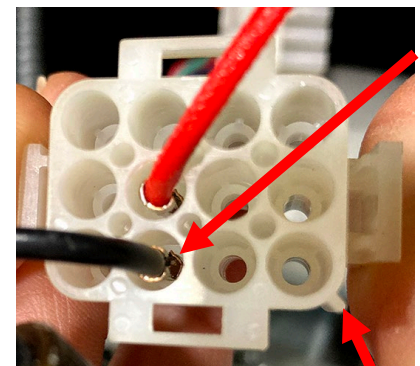


Figure 18

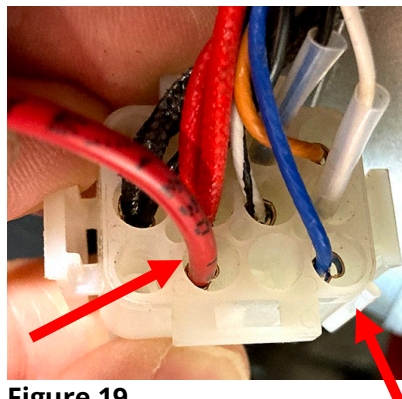


Figure 19

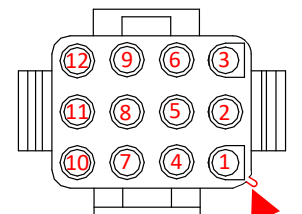


Figure 20
Viewed from the Rear
of Connector

24. Insert the **WHITE** wire with the terminated pin connector of the new harness into pin 10 of the J1 12-pin male connector that was shown in Figure 13, with the large group of wires (see Figure 21).

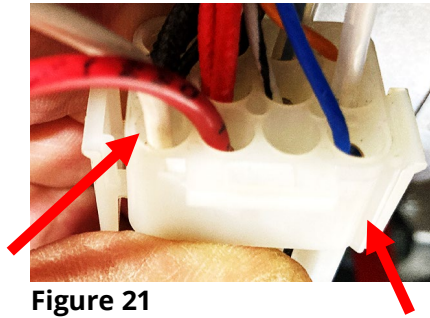


Figure 21

25. Gently tug on the three (3) wires inserted into the connectors in the previous steps to ensure the pins are fully locked into the connectors.

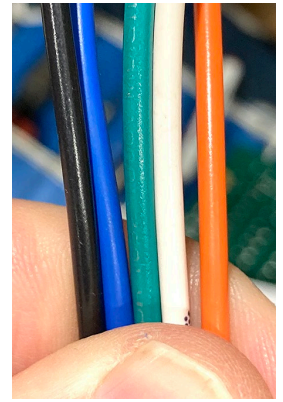


Figure 22

26. Locate an opening in the rear of the control box, near the center of the box, to feed remaining wires from the new intermediate harness into the control box. Pop out any plugs if needed, in the rear of the control box and insert provided Heyco bushings. **NOTE: Feed the remaining wires from the harness through the bushing WITHOUT the high voltage spark wire.**

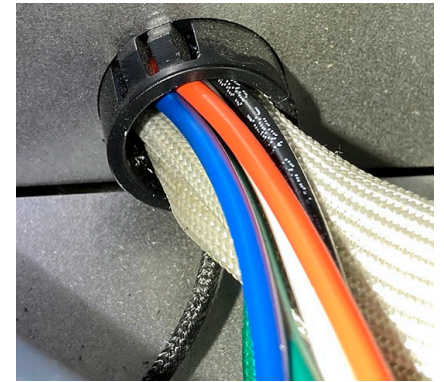


Figure 23

27. Feed the remaining wires (Black, Blue, Green, White and Orange) from the new intermediate harness through a bushing, into the rear of the control box (see Figures 22 & 23).

28. Locate the white line voltage wire and insert the white line voltage wire and the blue and white wire from the new harness into a Wago snap connector (see Figure 24).

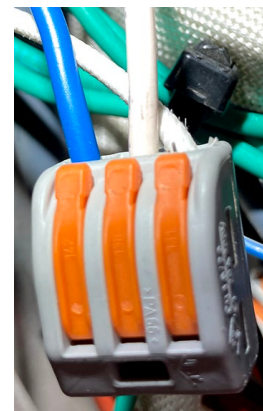


Figure 24

29. Locate the black line voltage wire and insert the black line voltage wire and the orange and black wire from the new harness into a Wago snap connector (see Figure 25).



Figure 25

30. Gently tug on ALL wires in Wago snap connectors to ensure the wires are securely connected.

31. Reattach the interface board removed in step 20 and reconnect all the connectors (see Figures 26 & 27). Attach the new ground wire and any other ground wires to the stud of the interface board.

32. Reconnect the two 12-pin connectors disconnected in step 16, ensuring that the correct connectors are connected to the correct side of the rear of the interface board (see Figure 12).

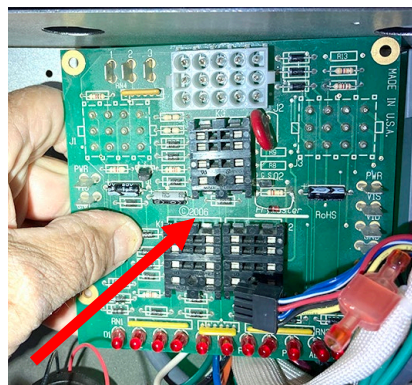


Figure 26

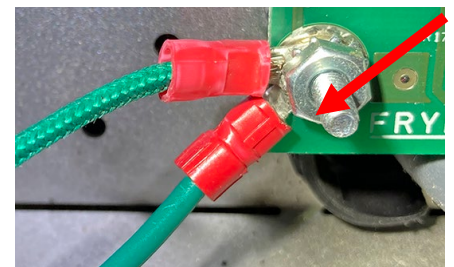


Figure 27

33. Connect the new 15-pin female connector from the intermediate harness and the male connector from the basket lift assembly (see Figure 28).

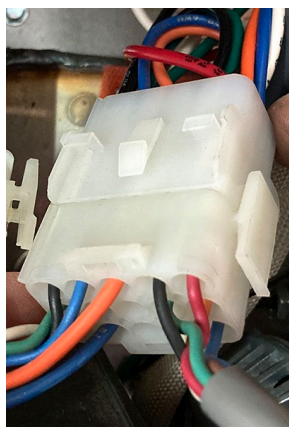


Figure 28

34. Reconnect 2-pin connector removed in step 9 (see Figure 29).

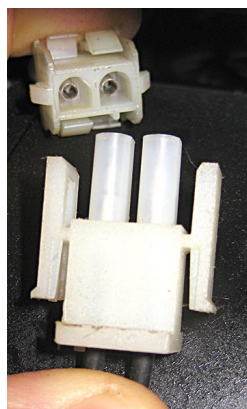


Figure 29

35. Attach the conduit bracket to the end of the basketlift conduit as shown (see Figure 30).

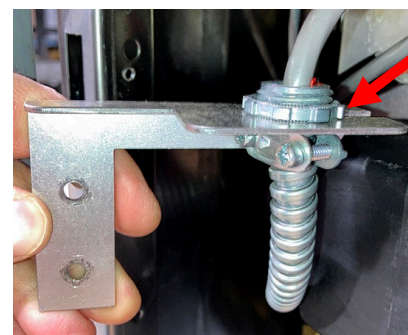


Figure 30

36. Attach the bracket to the cabinet upright, under the far left vat, in the upper left corner, using two (2) drillpoint screws (see Figure 31 and 32). Attach to uprights close to associated control boxes for other vats.



Figure 31

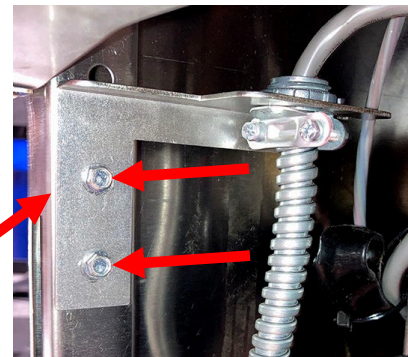


Figure 32

37. Reattach the controller and bezel removed in steps 17 -19.

38. Attach the included wiring diagram to the inside of the basketlift cover (see Figure 33).



Figure 33

39. Slide the cover over the basket lift arms (see Figure 34).



Figure 34

40. Attach three (3) cabinet screws to the two outer holes and the center hole, on the top of the basketlift cover (see Figure 35).



Figure 35

41. Using supplied 8091101 screws, attach to the cover using the two (2) inner holes (see Figure 36).



Figure 36

42. Remove existing basket lift hanger (see Figure 37) and discard. Slide new basket lift bracket over the existing studs (see Figure 38).



Figure 37

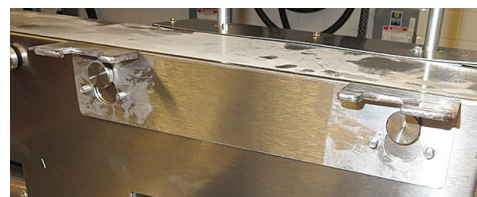


Figure 38

43. Attach the new arms into bracket by inserting at a 45 degree angle and placing over the basket lift shaft (see Figures 39 and 40).

44. Insert the baskets into the basket lift arms (see Figure 41).

45. If adding additional basket lifts to other vats, repeat steps 5-7. Route the basket lift harness to the rear of the control box. Then repeat steps 14-20, 22-33, 35-43.

46. Reconnect power to the fryer.

47. Turn on fryer and test both sides of the basketlift(s), ensuring that both arms raise and lower when starting a cook, associated with the basketlift side.

48. Ensure the fryer is repositioned under the hood.



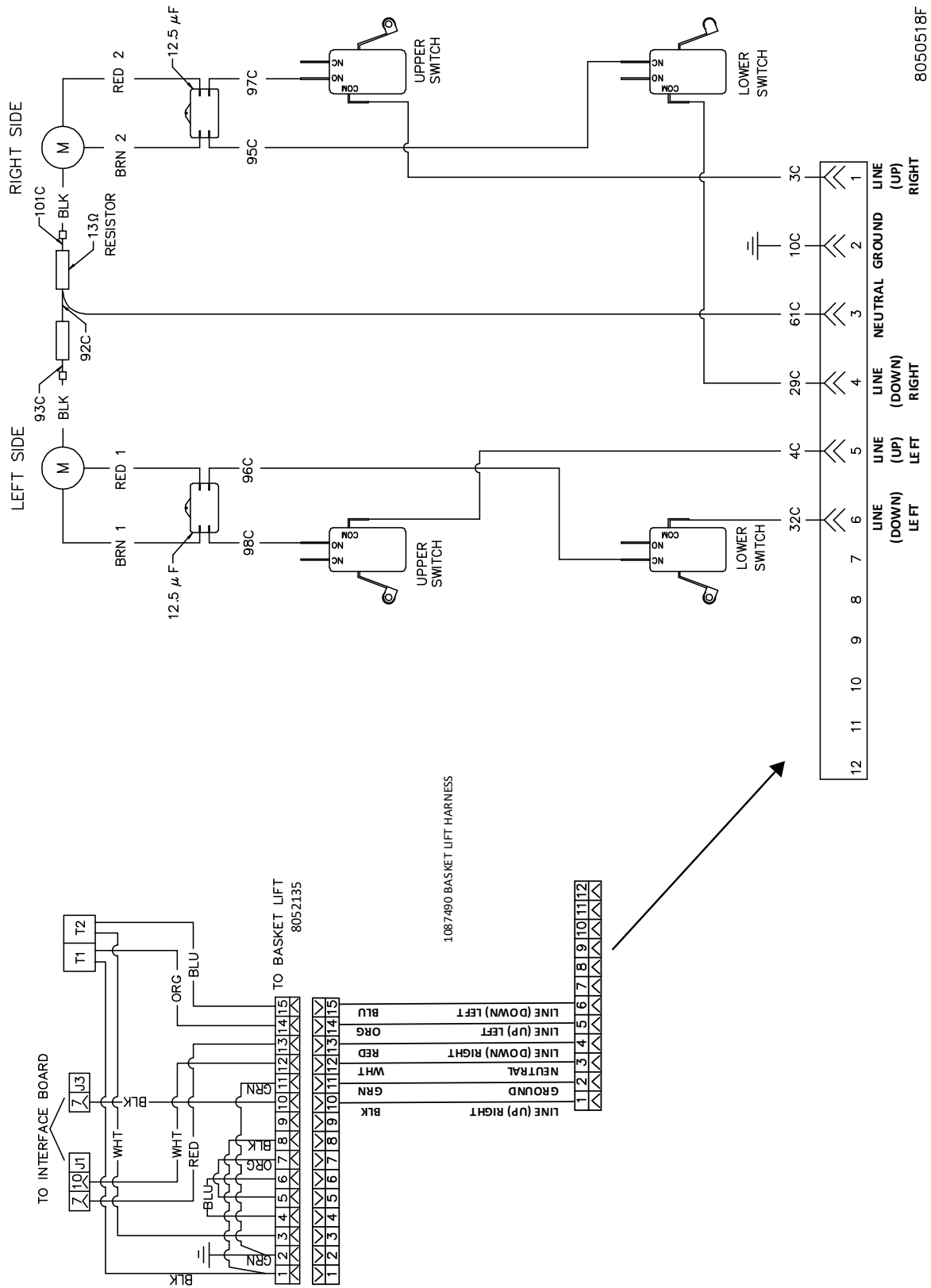
Figure 39



Figure 40



Figure 41



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