

Installing Jumper Wire on a McDonald's Electric Fryer, Kit 826-1710

Follow these instructions to install a jumper wire in the contactor box of an electric domestic McDonald's fryer:

1. Remove power from fryer.
2. Pull fryer from hood system.
3. Disconnect elements from contactor box on rear of fryer.
4. Remove filter pan.
5. Pull filter carriage to front of fryer cabinet and disconnect oil hose from pump assembly. Fig. 1
6. Remove filter carriage.
7. Loosen and lower support under contactor boxes. Fig. 2
8. Remove C1 and C2 harness connectors from front of contactor box. Fig. 3
9. With contactor boxes still connected to the rear brace, lower the front of the contactor box toward the floor. This motion should release the contactor box from its tab connection at the rear of the cabinet. Fig 4
10. Bring contactor box forward and out of the fryer cabinet.
11. Remove top, which exposes the connector blocks for the C1 and C2 wiring harnesses. Fig. 5
12. Using the longest lead, run the jumper wire from Pin 4 on the C1 connector block to Pin 4 on the C2 connector block. Route the shorter remaining wire to Pin 15 on C2. Fig. 6 and Fig 7.
13. Return lid to contactor box.
14. Reverse above procedures to replace contactor box.
15. Return filter carriage and re-attach oil-return line; replace filter pan.

IN KIT 826-1710		
Part Number	Quantity	Description
806-6871	1	Jumper wire
819-5815	1	Instructions



Figure 1 The oil filter carriage must be disconnected from the filter pump to be completely removed from the fryer cabinet.

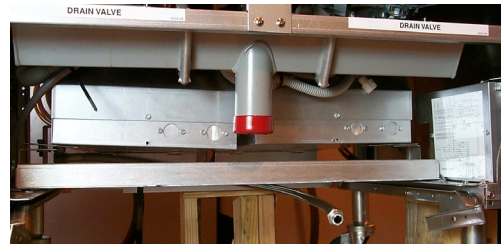


Figure 2: The brace below the contactor box is easily lowered, which allows removal of the boxes.

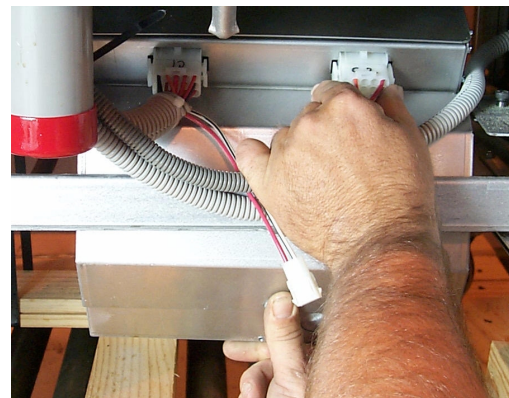


Figure 3 Remove connector plugs from front of contactor box.

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16. Return fryer to hood and check hood relay circuit.
17. Return fryer to service.

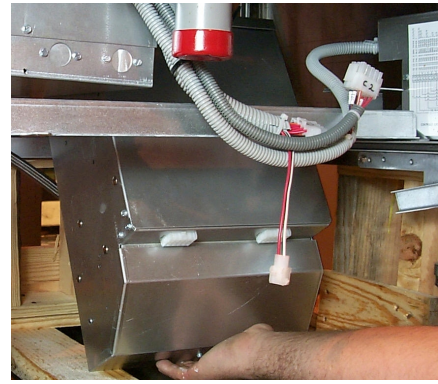
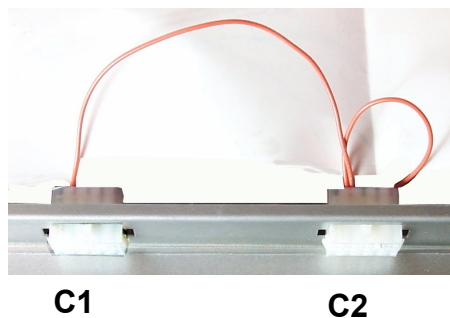
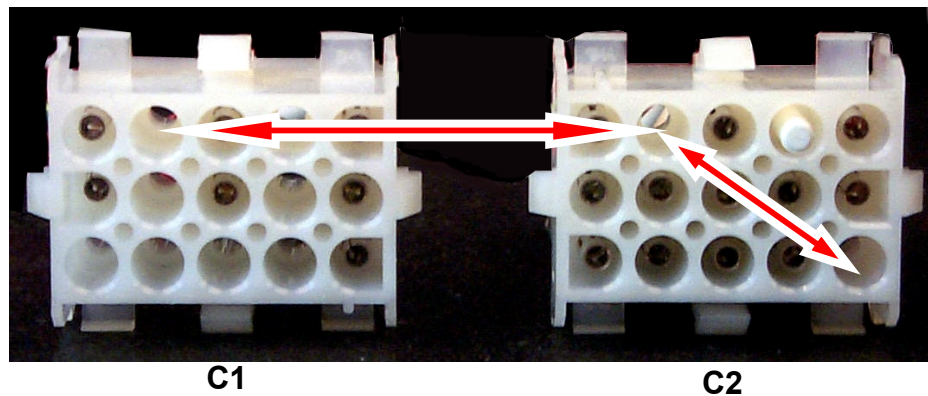


Figure 4: Lower the front edge of the contactor to the floor. The downward motion releases tabs, which hold the box in the rear.



Figure 5: Remove top to gain access to connector blocks.



Figures 6, 7: The jumper wire runs from Pin 4 on C1 (left above) to Pin 4 on C2 (right above). The jumper continues from Pin 4 on C2 to Pin 15 of C2. The jumper arrangement is shown at left from above. Other wires have been blocked to simplify the view.