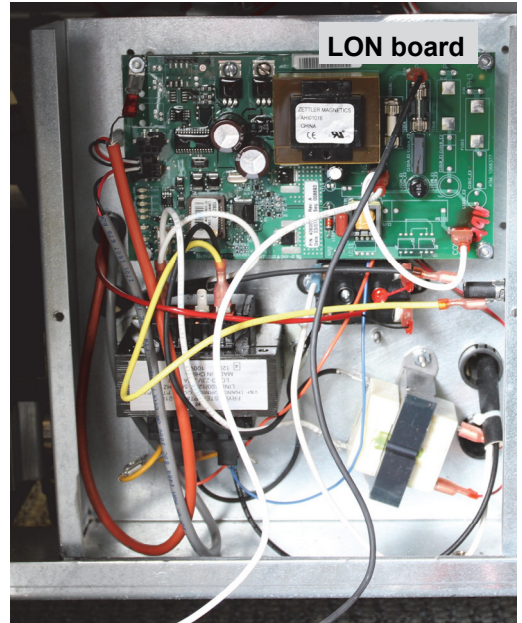


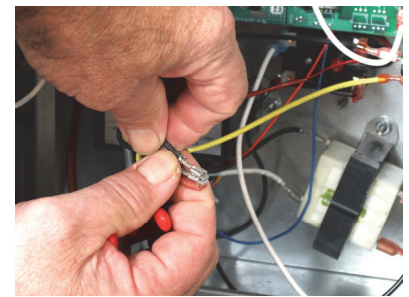
# LOV Fryer LON Board Removal

Follow these instructions to remove a failed LON board from a LOV fryer.

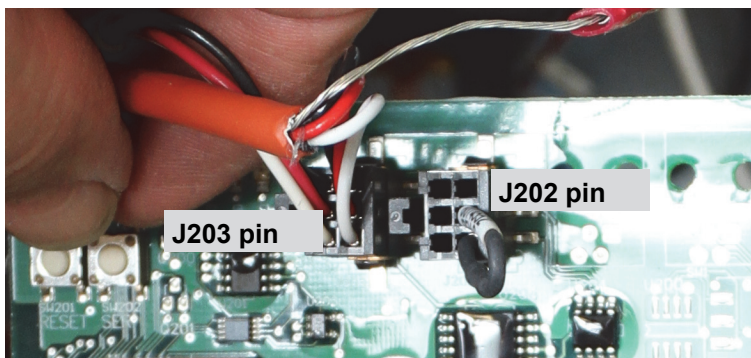
1. Remove power from unit.
2. Remove JIB.
3. Remove cover from ATO Box.
4. Locate LON board. **See Figure 1.**
5. Trace black and white wires attaching LON board to the transformer, removing wire ties as necessary.
6. Remove piggyback connections connecting the LON to the transformer and remove LON wiring from piggybacks. **See Figure 2 and Figure 5, an annotated wiring diagram.**
7. Reconnect wires unrelated to LON board to the transformer.
8. Remove orange CAN and related gray wiring plug from the LON board pin J203. Remove the CAN terminator from pin J202. **See Figures 3, 5.**
9. Cut the plug from the CAN wiring, which allows the wiring to be fed through the grommet at the rear of the ATO box.
10. Remove the LON board.
11. At the rear of the fryer, remove the lower panel to access the back of the ATO box.
12. Remove the orange and gray wiring harness (the wire removed from LON's J203) plug from J10 on the ATO box.
13. Place the CAN terminator removed from J202 on the LON board in J10 at the rear of the ATO box (the position the CAN cable was removed from). **See Figure 4.**
14. Reposition the ATO box cover and the JIB and return the fryer to service.



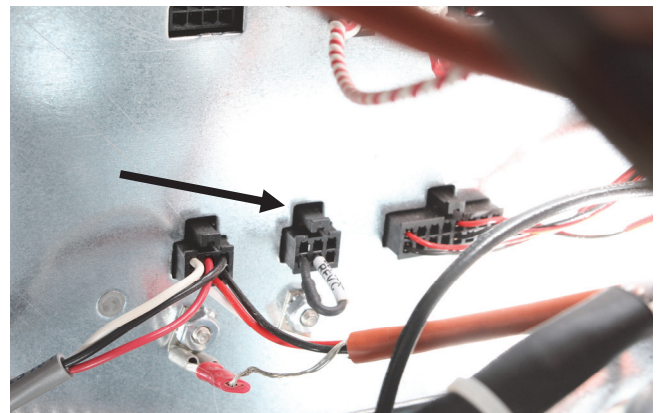
**Figure 1:** The LON board is in the ATO box behind the JIB.



**Figure 2:** Remove piggybacks connecting the LON board to the 24V transformer.



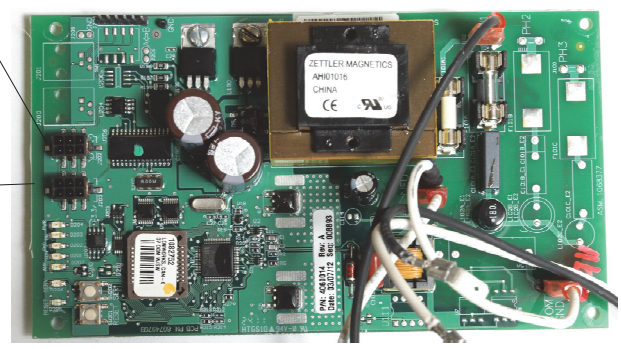
**Figure 3:** Remove CAN cable from the J203 plug and the terminator from the J202 plug.



**Figure 4:** The CAN terminator removed from the LON board is shown in position J10 on the rear of the ATO box..

J202,  
terminator  
location on  
LON board.

J203, CAN  
position on  
LON board.



Terminator  
removed  
from J202 on  
LON board  
and inserted  
in J10 on the  
ATO board,  
the location  
the CAN  
cable was  
removed  
from.

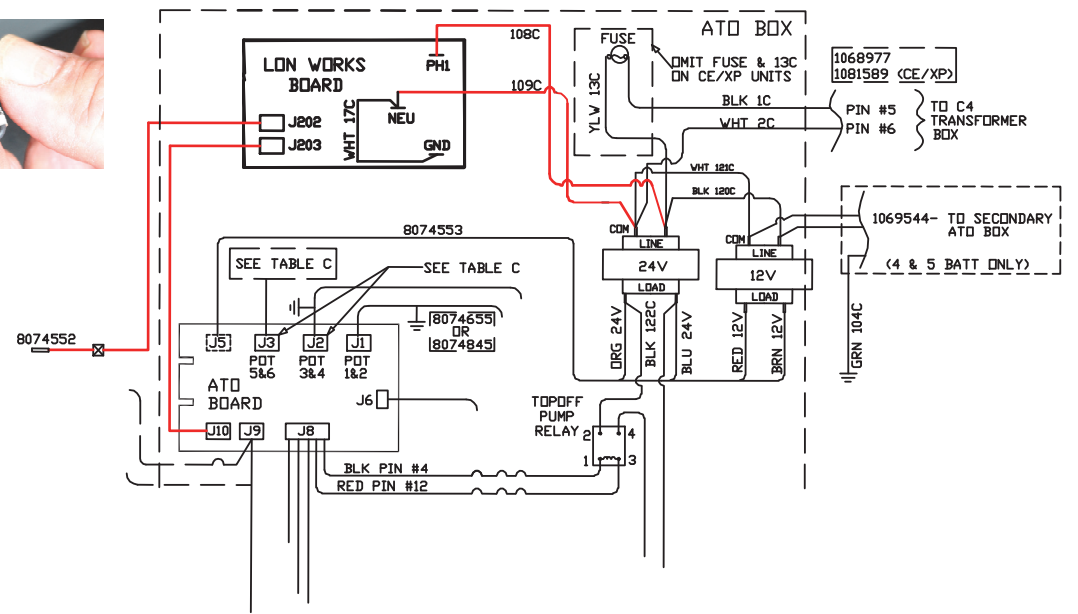


Figure 5: Annotated wiring schematic.