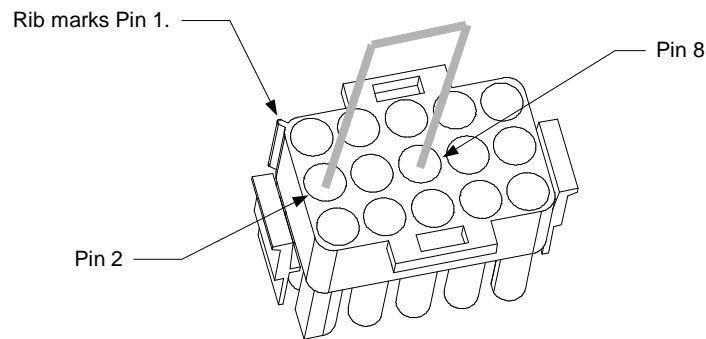

















DIGITAL CONTROLLER RECONFIGURATION INSTRUCTIONS







If it is necessary to reconfigure a Digital Controller in the field (for example, to change it from gas to electric, full- to split-pot, or Non-CE to CE) follow the steps below. Setup can be accomplished with the controller installed on the fryer or through the use of the MTB310A test box.

1. Verify that AC power is being supplied to the controller and that the controller is OFF (displays are blank).
2. Ground pin 8 of the 15-pin connector by inserting a paper clip or a piece of wire into the connector as shown in the illustration below. (**NOTE:** If the controller is already installed on the fryer, open the fryer control panel to gain access to the 15-pin connector. When pin 8 has been grounded, close the fryer control panel.)








Insert a paper clip or wire into pins 8 and 2 of the 15-pin connector to ground pin 8.

3. Press the left  key. The left display will show *C o d E*.
4. Press the left , left , right , and right  keys in that order. *G A S* will appear in the left display and *0* or *1* will appear in the right display. (**NOTE:** If the display goes blank instead of showing *G A S*, pin 8 has not been properly grounded and steps 2 and 3 must be repeated.)
5. Use the left   keys to change the right display to 1 for gas or 0 for electric.
6. Press the left  key. The left display will change to *S P L t* and the right display will show *0* or *1*. Press the left   keys to change the right display to 0 for full-pot or 1 for split-pot.
7. Press the left  key. The left display will change to *C N t r* and the right display will show *0* or *1*. If *0* is displayed, press the left  key to change the number to 1.
8. Press the left  key. The left display will change to *A C Y C* and the right display will show *0* or *1*. Press the left   keys to change the right display to *0* to prevent the operator from bypassing the melt cycle or *1* to allow the operator to bypass the melt cycle.

9. Press the **left**  key. The left display will change to *d I S P* and the right display will show 0 or 1. Press the **left**   keys to change the right display to 0 for setpoint display (Non-CE) or 1 for frypot temperature display (CE).
10. Press the **left**  key. The left display will change to *C o N* and a number will appear in the right display. Press the **left**   keys to adjust the melt cycle ON duration in accordance with the table below.

| Fryer Type | ON Duration | OFF Duration |
|----------------------|-------------|--------------|
| HE Gas (Non-CE) | 6 | 24 |
| HE Gas (CE) | 8 | 24 |
| All Electric | 3 | 12 |
| 45, CF & 47 Full Pot | 3 | 24 |
| 47 Split Pot | 8 | 24 |

11. Press the **left**  key. The left display will change to *C o F F* and a number will appear in the right display. Press the **left**   keys to adjust the melt cycle OFF duration in accordance with the table above.
12. Press the **left**  key. Both displays will go blank. Turn off the AC power to the controller and remove the ground from Pin 8. Wait at least 10 seconds before restoring AC power to the controller.
13. Press the left ON/OFF switch (on split-pot units, press both switches). Press the  key(s) to toggle the temperature display(s) between Celsius and Fahrenheit. Setup is now complete.