

Instruction Sheet

Follow these instructions to ensure the settings are correct after Touch Screen replacement.

Subject: Touch Screen Replacement Settings Instructions

Models affected: Touch Screen Fryers

1. Remove the two Phillips head screws from the upper left and right corners of the controller (see Figure 1).
2. Slide the controller up to disengage it from the bezel (see Figure 2).
3. Lift the controller out from the bezel (see Figure 3).
4. Lower the controller and rest it on the bottom of the control box (see Figure 4). The black tether on the right will support the controller.
5. Disconnect the RJ45 cable from the SIB board **FIRST** (see Figure 5).
6. Disconnect the ground cable and the speaker cable and the USB cable (if applicable) (see Figure 6).
7. Disconnect the lanyard tether from the frame (see Figure 7) to remove the controller.
8. Replace the controller and reverse above steps to reinstall the controller.
9. For new controllers without a locator wire, the Vat ID **MUST** be set up correctly to operate correctly and avoid a duplicate Vat ID error. At bootup, if a **DUPLICATE BOARD VAT ID** is detected **ALL** controllers display the VAT ID setup screen (see Figure 8). Select the correct VAT ID for **each vat**. Vat ID #1 is far left controller. Vat ID #2 is the next controller to the right, etc. **If changes are required, go to Service>Service>1650 for McD's and 3000 for Non-McD's>Tech Modes>Select Vat ID. Ensure the Vat ID is set up for correct vat ID number.** Once all VAT IDs are selected, power cycle the fryer battery using process in Step 2 on the first page.
10. Verify the software versions match on **EVERY** controller.



Figure 1



Figure 2

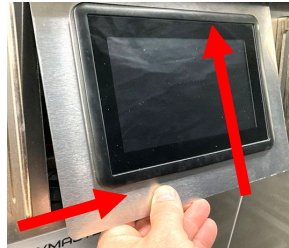


Figure 3

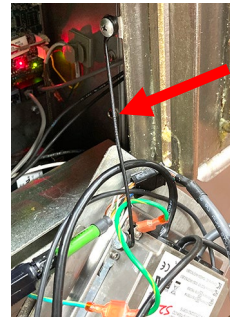


Figure 4

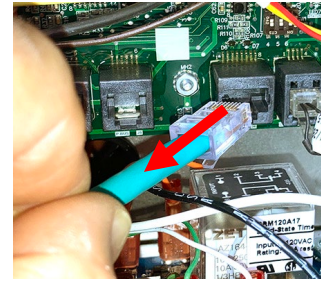


Figure 5

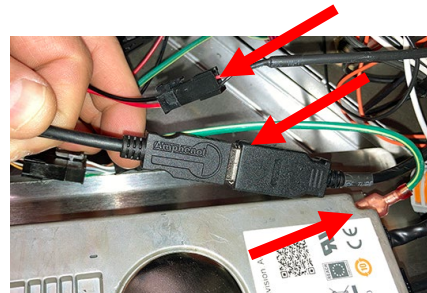


Figure 6

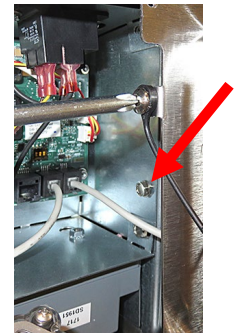


Figure 7

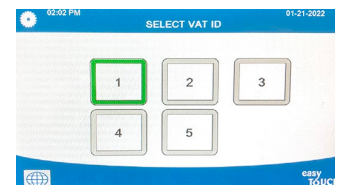






















Figure 8

If the software versions **DO NOT MATCH** on every controller and board, the software **MUST** be updated. Go to <https://www.frymaster.com/Service#Software> to download the latest software. Use password "tech".

WARNING: Mismatched software can cause the fryer to work improperly.

11. Setup **MUST** be performed to ensure proper operation of the fryer.
12. Setup the controller (locale, energy type, vat type, oil system type, waste oil type, basketlift, etc.) by going to Settings>Service>**1650 for Mcd's or 3000 for Non-Mcd's**. If the controller being replaced is in the far-left position, the current date and time and Lane Assignments need to be setup by going to Settings>Service>**1234 for Mcd's or 3000 for Non-Mcd's**.
13. Press .
14. Press  (Settings).
15. Press  (Service).
16. Enter **3000** for Non-McDonald's or **1650** for McDonald's.
17. Press .
18. Select Energy Type. Choose Gas or Electric. Press .
19. Select Vat Type (if applicable). Choose Split, Full, or other fryer type. Press .
20. Press .
21. Select Oil System Type. If correct advance to next step. Choose JIB or Bulk. Power cycle the system and advance to next step.
22. Select Waste Oil. If correct go to next step. Otherwise choose None or Bulk. Power cycle the system and advance to next step.
23. Press  two (2) times.
24. Select OQS Setup if an OQS sensor is installed. Otherwise skip to step 25.
25. Select OQS Enable/Disable and select Enable to activate. Press .
26. If applicable, select Basic Auto Filter. If the setting is correct, advance to next step. If not, select **Enabled** if the fryer **DOES NOT** have an OIB sensor. Select **Disabled** if the fryer **HAS** an OIB sensor. Press .
27. Press .
28. Press  (Manager).
29. Enter **3000** for Non-McDonald's or **1650** for McDonald's.
30. Select Date & Time. Set correct time and date.
31. Press .
32. Press  two (2) times.
33. If the fryer has a Basket Lift, Select Basket Lift. Select On. Press .
34. Press .
35. Power cycle the entire fryer for **60 seconds**.
36. If these fryers are not connected to the cloud this concludes the controller replacement. If these fryers are connected to the cloud go the next step.
37. On the far-left controller verify Gateway (FQLink) software version by pressing  →  →  →  SOFTWARE VERSION
38. The version should match the version at the QR code below or at <https://www.frymaster.com/service/fqlink-connectivity-software>.
39. If the software versions **DO NOT MATCH** what is on the website in the previous step, download the specific latest FQLink software that matches the same prefix as the current Gateway software on the fryer (Example 60.xx.xxx).
40. Gateway (FQLink) software installation and configuration instructions are at the bottom of the webpage at the QR code to the right or at <https://www.frymaster.com/service/fqlink-connectivity-software>.

