

Instruction Sheet

Follow these steps to update the fryer and install FQLink.

Subject: FQ4000 Chick-fil-A FQLink Installation Instructions

Models affected: Chick-fil-A FilterQuick 4000 (Touch Screen) Fryers

11.3.25

STEP 1: CONFIRM COMMON CONTROLLER IS INSTALLED

1. The fryer **MUST** have at least **ONE (1)** Common Controller (see Figure 1) installed in the battery. If a Common Controller is installed, continue to step 2. The Common Controller can be identified by the large silver metal bezel that surrounds the touch screen. If the fryer **DOES NOT** have a Common Controller installed, **DO NOT PROCEED**. **A controller conversion kit 8263725 MUST be installed prior to continuing to STEP 2 for installation.**



Figure 1

STEP 2: DISCONNECT KCCM (IF IT IS INSTALLED)

1. Disconnect power from the fryer.
2. Remove the two screws attaching the controller to the fryer (see Figure 3).
3. Disconnect the RJ11 KCCM CAN/power harness (see Figure 4) from the FIB board.
4. Connect the supplied RJ11 CAN terminator to the connector on the FIB board from step 3 above (see Figure 5).
5. Trace the **BLACK** wire in the power harness in step 3 back to a Wago snap connector. Remove the **BLACK** wire (see Figure 6).



Figure 3

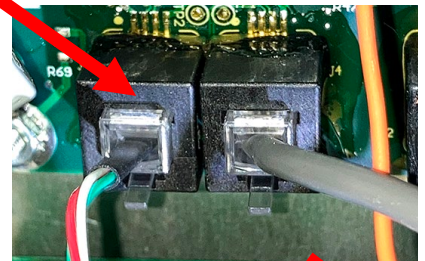


Figure 4



Figure 5

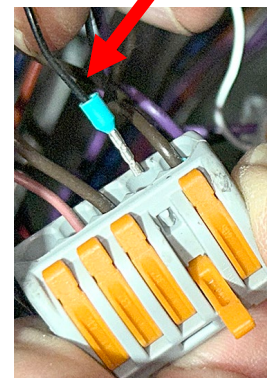


Figure 6

6. Trace the **WHITE** wire in the power harness in step 3 back to a Wago snap connector. Remove the **WHITE** wire (see Figure 7).
7. Trace the **GREEN** ground wire back to the ground stud in the rear of the control box and snip the ground wire at the stud (see Figure 8).
8. Snip the green, white and red wires in the harness shown in step 3 (see Figure 9).
9. Disconnect the RJ45 connector on the other end of the harness in step 3 from the KCCM board (see Figure 10). The KCCM board will remain in the control box.
10. Remove the harness from the previous step and discard.
11. Reconnect power to the fryer.

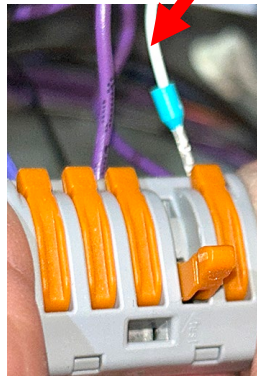


Figure 7

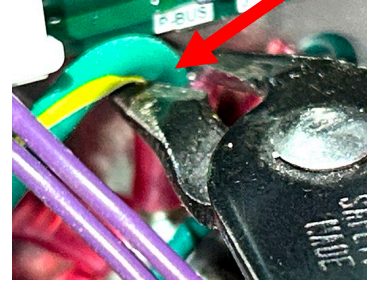


Figure 8

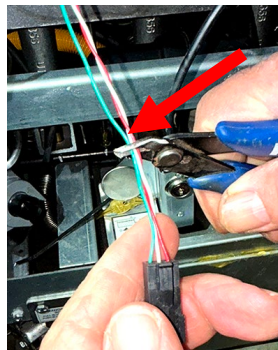


Figure 9

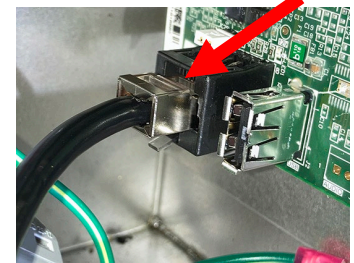


Figure 10

STEP 3: CHECK SOFTWARE VERSIONS

1. Wait two (2) minutes and press the **"HOME"** button on the (see Figure 13).
2. Press the **?** button (see Figure 14).
3. Press the down arrow button (see Figure 15).
4. Press the software version button (see Figure 16).
5. The fryer software versions should be **UIC - 10.00.142; VIB - 01.03.003; FIB - 10.00.062**.
6. Press the down arrow button **TWO (2)** times (see Figure 17).
7. The **GATEWAY SOFTWARE VERSION** should be **63.99.044** (see Figure 18).

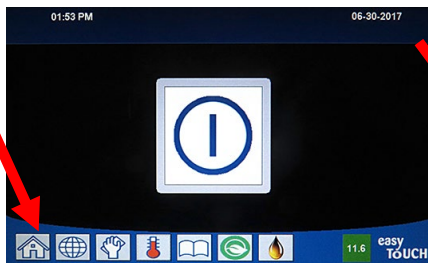


Figure 13

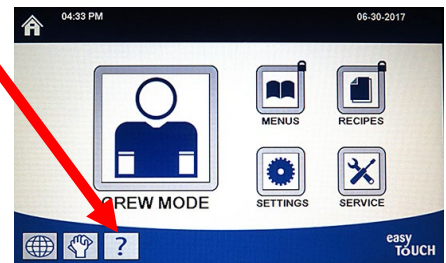


Figure 14



Figure 15

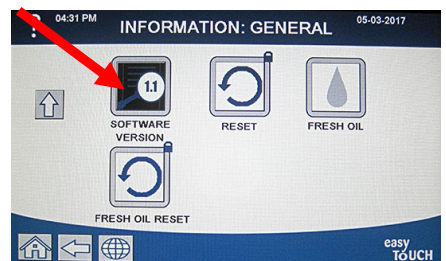


Figure 16

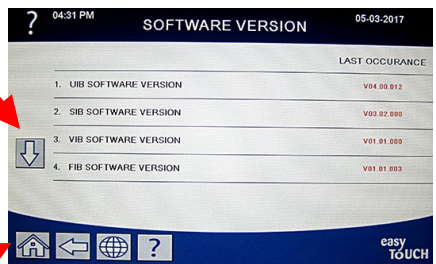


Figure 17

8. If the fryer software matches and the GATEWAY SOFTWARE MATCHES (see Figure 18), press the "HOME" button (see Figure 17) and skip TO STEP 6 EDIT THE CONFIG SETTINGS

10. GATEWAY SOFTWARE VERSION

V63.99.044

Figure 18

9. If the fryer software versions **DO NOT MATCH** the versions shown in step 5 on the preceding page, press the "HOME" button (see Figure 17). Skip to the next section STEP 4 UPDATE THE FRYER SOFTWARE.
10. If the fryer software matches, but the GATEWAY SOFTWARE **DOES NOT MATCH** skip to STEP 5 INSTALL THE RIOT AGENT SOFTWARE.

STEP 4: UPDATE THE FRYER SOFTWARE

1. If a new controller was installed in STEP 1 on the first page and the fryer software was updated to the versions below, the fryer software **DOES NOT NEED TO BE RELOADED**. Skip to the next section. If a new controller was already present on the fryer, locate the USB with the **FRYER SOFTWARE FILES** and follow the enclosed instructions to update the fryer software using the USB port on the **FAR-LEFT** side of the fryer, just inside the left fryer door (see Figure 2). The software versions after update should be: UIC – 10.00.142; VIB – 01.03.003; FIB – 10.00.062.



Figure 2

STEP 5: INSTALL THE RIOT AGENT SOFTWARE

1. Ensure all controllers are OFF and in the standby mode (see Figure 11).

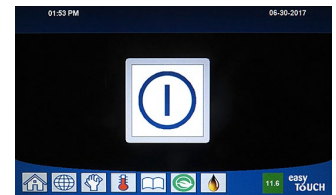


Figure 11






2. On the left screen, press  →  →  → 3000 →  → TECH MODES  → SOFTWARE UPGRADE
3. Locate the USB with the **RIOT AGENT SOFTWARE FILES** and insert the USB drive into the USB port, just inside the fryer door (see Figure 12). The USB port may differ in appearance based on date of manufacture.
4. Follow the onscreen instructions.
5. Press **YES** when the screen displays **READING COMPLETED**.
6. Press **YES** when the screen displays **ALLOW 30 MINUTES FOR SOFTWARE UPGRADE. NO FRYING. UPDATE NOW?**



Figure 12

7. While updating the controller displays various messages. Once the update is finished it will either reboot the left controller, if deploying for the first time or display instructions to remove the USB and power cycle.
8. Remove the USB flash drive and lower cover over the USB slot.



Figure 13

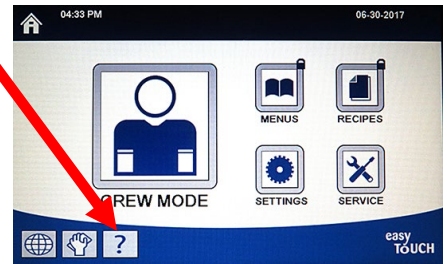


Figure 14



Figure 15



Figure 16

9. Press the **YES** button to confirm.
10. The screen displays **UPGRADE COMPLETED, POWER CYCLE SYSTEM.**
11. Power cycle the system for **60 SECONDS**. Failure to **press and hold the reset switch long enough, may cause an incomplete software update.**
12. Wait two (2) minutes and press the **"HOME"** button on the (see Figure 13).
13. Press the **?** button (see Figure 14).
14. Press the down arrow button (see Figure 15).
15. Press the software version button (see Figure 16).
16. Press the down arrow button **TWO** (2) times (see Figure 17).
17. The **GATEWAY SOFTWARE VERSION** should be **63.00.044** (see Figure 18).
18. Press the **"HOME"** button (see Figure 8) when finished.

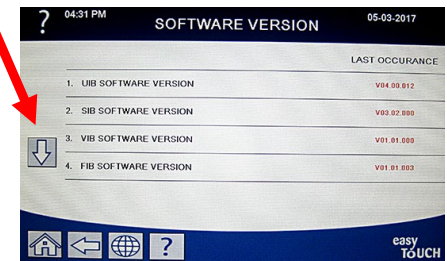







Figure 17



Figure 18

STEP 6: EDIT THE CONFIG SETTINGS

1. Press  →  →  → **9000** →  →  **6-times** → **CONNECTIVITY**
2. Select **SERIAL NUMBER**.


3. Enter the serial number located inside the door of the far-left fryer. Ensure no space is entered after the serial number.
4. Press ✓.
5. Controller displays **SETUP COMPLETE RESTART THE SYSTEM.**
6. Press ✓.
7. Select **MODEL NUMBER.**
8. Enter the model number located inside the door of the far-left fryer.
9. Press ✓.
10. Select **NUMBER OF UIs.**
11. Select the number of controllers in the battery of fryers and press ✓.
12. Controller displays **SETUP COMPLETE RESTART THE SYSTEM.**
13. Press ✓.
14. Press 
15. Power cycle the entire fryer by **PRESSING** and **HOLDING** the black toggle reset switch for **60 SECONDS**. The reset switch is located either under the USB port, near the USB port or under the control box (see Figures 19 and 20).



Figure 19



Figure 20