

# LOV-T Software Update Instructions

To update the software, follow the attached instructions. If you have any problems or questions call Frymaster at 1-800-551-8633.

## Loading Software from a USB flash drive

Updating the software takes approximately **30** minutes for the entire fryer. Ensure the store has enough product cooked while updating the fryers.

**It is critical to follow ALL these steps to ensure a successful software update.**

**When the software has been updated, the menu file MUST be updated while the touch screens display POWER OFF to prevent issues.**

**Pressing the POWER button on the touch screen and turning on the fryers prior to loading the menu file, may render the touch screen inoperable.**

- **Check with the manager about any LTO's (Limited Time Offer) products that may have been programmed into the controllers. If so capture the product details such as product name, cook time, etc. to program in later.**

The following reset **MUST** be performed to clear items before updating.

1. Pull the filter pan slightly out of the fryer.
2. Press the HOME button.
3. Press the SERVICE button.
4. Press the SERVICE button again.
5. Enter 1650.
6. Press the checkmark.
7. Press the down arrow button.
8. Press the FIB-RESET 2 button.
9. Press YES to confirm.
10. Press the check button.
11. Press the home button.

- The software only needs to be loaded in the USB port in the far-left fryer cabinet and it will update **ALL** the controllers and boards in the system.

**To update the software, follow these steps carefully:**

1. Switch all controllers to **OFF**. Press the information (?) button; press the down arrow; press the SW version button. The controller displays INITIALIZING. Write down the current M4000 (UIB)/VIB/ FIB/SIB software versions.
2. On the **far-LEFT** controller press the HOME button.
3. Press the SERVICE button.
4. Press the SERVICE button again.
5. Enter 1650 and press the checkmark button.
6. Press the TECH MODES button.
7. Press the down arrow.
8. Press the SOFTWARE UPGRADE button.

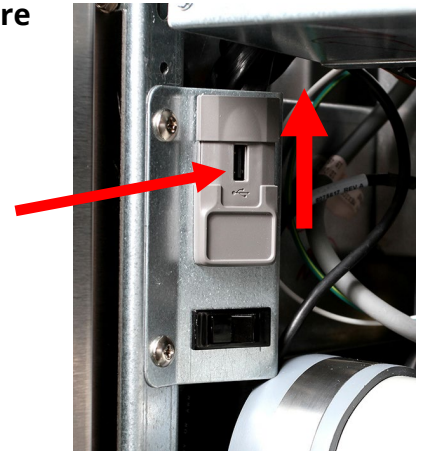


Figure 1

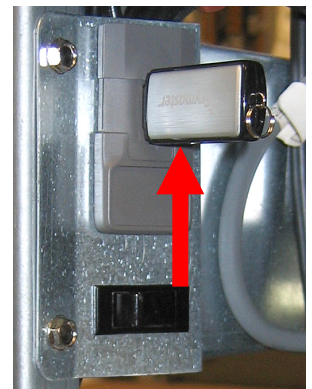


Figure 2

9. Controller displays INSERT USB.
10. Open the far-left cabinet door and slide the USB cover up (see Figure 1).
11. Insert the USB flash drive (see Figure 2).
12. The controller displays IS USB INSERTED? YES NO
13. Press the YES button after the USB flash drive is inserted.
14. Controller displays READING FILE FROM USB. PLEASE DO NOT REMOVE USB WHILE READING.
15. Controller displays READING COMPLETED, PLEASE REMOVE USB.
16. Remove the USB flash drive and lower cover over the USB slot.
17. Press the YES button after the USB flash drive is removed.
18. Controller displays CONFIRM CONTROLLERS AVAILABLE FOR UPGRADE VIB, SIB, FIB AND UIB.
19. Press the YES button to continue.
20. Controller displays UIB/VIB/SIB/FIB – DATA TRANSFER IN PROGRESS, WILL COMPLETE IN X MINUTES for each board.
21. Controller displays UIB/VIB/SIB/FIB – UPGRADE IN PROGRESS, WILL COMPLETE IN X MINUTES for each board.
22. When the software update is complete, the far-left controller will display UPGRADE COMPLETE? YES on followed by the rest of the controllers displaying SOFTWARE UPGRADE COMPLETED.
23. Press the YES button.
24. The far-left controller displays UPGRADE COMPLETED, POWER CYCLE THE SYSTEM; the other controllers continue to display SOFTWARE UPDATE COMPLETED.



**Figure 3**

**WAIT UNTIL ALL CONTROLLERS DISPLAY THAT THE SOFTWARE UPGRADE IS COMPLETE BEFORE POWER CYCLING THE FRYER, TO ALLOW FOR THE SOFTWARE TO PROPERLY LOAD. FAILURE TO WAIT, MAY CORRUPT THE MEMORY AND RENDER THE CONTROLLER INOPERABLE.**

25. Cycle the fryer control power using the reset switch under the USB slot or under the far-left control box on electric fryers (see Figure 3). **ENSURE THE SWITCH IS PRESSED AND HELD FOR 60 SECONDS.**
26. While the fryer is rebooting some controllers may take up to 10 minutes to reboot as the software is loading.
27. Once all controllers have returned to the power standby switch, go to the next step.
28. **VERIFY** software update by pressing the information (?) button; press the down arrow; press the SW version button. The controller displays INITIALIZING. Ensure that the M4000(UIB)/VIB/ FIB/SIB software versions have updated.

Software Versions should be: **UIB: 04.00.053, SIB: 04.00.000, VIB: 1.01.000 and FIB: 01.01.017**

29. Press the home button.
30. Press the CREW MODE button.
31. The software update is complete.
32. **DO NOT SOFT POWER ON THE TOUCH SCREEN CONTROLLERS UNTIL AFTER THE MENU FILE BELOW IS LOADED. FAILURE TO LOAD THE MENU FILES FIRST MAY RESULT IN RENDERING THE CONTROLLER INOPERABLE.**
33. **The menu file MUST be updated with this software update. Follow the steps below to update the menu file.**

## Follow the steps below to update the Menu file.

**NOTE: This will overwrite any current product menu items and their settings. This may require reentering any limited time offering products cook times, temperatures, etc. and reassigning products to their locations on the touch screen controller.**

1. Switch all controllers to **OFF**.
2. Press the HOME button.
3. Press the SERVICE button.
4. Press the MANAGER button.
5. Enter 4321.
6. Press the check button.
7. Press the USB – MENU OPERATION button.
8. Press the COPY MENU FROM USB TO FRYER button.
9. The controller displays INSERT USB.
10. Open the far-left cabinet door and slide the USB cover up (see Figure 1).
11. Insert the USB flash drive (see Figure 2).
12. The controller displays IS USB INSERTED? YES NO
13. Press the YES button after the USB flash drive is inserted.
14. Controller displays READING FILE FROM USB. PLEASE DO NOT REMOVE USB WHILE READING.
15. Controller displays UI – UI DATA TRANSFER IN PROGRESS changing to MENU UPGRADE IN PROCESS.
16. Controller displays UPGRADE COMPLETE?
17. Press YES
18. Controller displays MENU UPGRADE COMPLETED, REMOVE THE USB AND RESTART THE ENTIRE BATTERY.
19. Remove the USB flash drive and lower cover over the USB slot.
20. Press the YES button after the USB flash drive is removed.
21. Cycle the fryer control power using the reset switch. In some models, this is located under the USB slot (see Figure 3). In some gas models, the momentary rocker switch (see Figure 4) is located under the far-left control box (see Figure 5). In some electric models the momentary rocker switch is located directly behind the JIB reset switch (see Figure 6). **ENSURE THE SWITCH IS PRESSED AND HELD FOR 60 SECONDS.**
22. Products may need reassigned to their locations and any limited time offerings products may need to be reentered into each controller.

**Reprogram any Limited Time Offer (LTO's) in the controllers that may have been overwritten during the update.**

**On the far-left controller check the fryer settings to ensure the controller is set for proper energy type, filtration oil type, etc. With the display at POWER OFF press the Settings button. Press the Service Button. Enter 1650 and press check. Check the energy type and ensure the fryer is set for the proper energy type (gas, electric). Press the down arrow two (2) times to Filtration Type and ensure the fryer is set to Liquid. Press the checkmark. If the fryer is connected to a bulk oil system like RTI, ensure the Oil System Type and Waste Oil are set to Bulk. Press the HOME button to exit.**

**FINALLY reset the power ONE FINAL time.**

34. **Cycle the fryer control power using the reset switch under the USB slot (see Figure 3). ENSURE THE SWITCH IS PRESSED AND HELD FOR 60 SECONDS.**