826-2872/2873/2955 F3000 Kit Installation Instructions

Follow these instructions to replace a FAST VC 210 controller with an F3000:

1. Prior to removing existing controller, compare the existing menu strip's products against the new menu strip's products. Note any additional products that do not exist on the new controller. Go into programming and note cook times and temperatures.

2. Remove power from the unit.

3. Remove the two screws attaching the existing controller to the frame. See Figure 1.

4. Lower the controller and disconnect the two wire harnesses attached to the controller. See Figure 2.

5. Remove menu strip from new controller and add any new products not listed using a permanent marker. See Figure 3

6. Reinsert menu strip fully into controller slot.

7. Align the new controller bezel to the fryer to check for proper fit. If necessary, remove the tinnerman clips for proper fit. See Figure 4. If this controller has a radio installed, ensure it is installed on the far right fryer on multi-battery fryers. See Figure 5.

8. Attach supplied harness to new controller and attach 2-pin and 9-pin existing fryer harnesses to supplied harness. See Figure 6.

9. Attach controller to control panel frame using supplied screws.

10. Return power and test operation.

11. It may be necessary to program additional products into the controller using the times and temperatures noted in step # 1. Follow the setup instructions on the following pages to ensure the fryer type, time etc. is correct.

Part No.	Description	Qty
**	F3000 Controller	1
809-1083	Screw ¼-20x7/8	2
807-5176	Controller Harness FV	1
*807-5177	Controller Harness DV	
230-8217	Bezel	1
809-1084	Tinnerman Clip ¼-20	2
819-6710	F3000 Manual	1
819-6709	F3000 Quick Reference	1
819-6708	Instructions	1

In This Kit

*DV harness only in kit 826-2873.   ** Varies

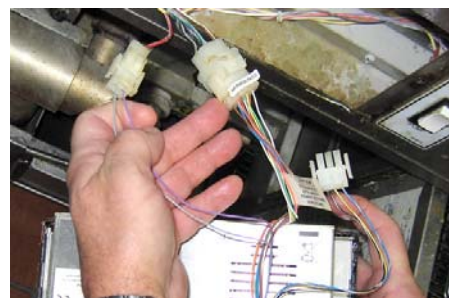**Figure 1:** Remove the screws.

Figure 2: Disconnect the two wire harnesses.

Figure 3: Removing menu strip.

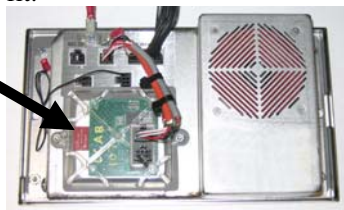**Figure 4:** Removal of tinnerman clips may be necessary for proper fit.

Figure 5: F3000 with radio.

Figure 6: Attach fryer harnesses to supplied controller harnesses

F3000 Setup Instructions

The F3000 <u>must be configured</u> **for the specific fryer. Failure to configure it properly, prior to use, may result in fryer malfunction.**

Install the F3000 by removing the existing computer and replacing with the new computer. Ensure that the computer control cable is securely fastened to the computer and that the ground is secured.

1. With the computer displaying OFF, press and hold the ✓ (check) key until Product Setup is displayed.
2. Press the ▶ (right) arrow key two times until **TECH MODE** is displayed. Press the ✓ (check) key.
3. Enter code 7628.
4. Follow the sequence below to configure the computer.

Left Display	Right Display	Action
LOCALE	NON-CE	Press ▼▲ to scroll to choice CE or Non-CE and press ▶. **NOTE: CE should only be selected for all countries in the European Common Union.**
SYSTEM TYPE	LEGACY - FRYMASTER	Press ▼▲ to scroll to choices: LEGACY – FRYMASTER, HENNY PENNY, PITCO, WINSTON or WELLS and press ▶.
ENERGY	GAS	Press ▼▲ to scroll to choice Gas or Electric and press ▶.
TYPE	HV55	Press ▼▲ to scroll choices. Once selection is made press ▶.
FRESH OIL	NONE	Press ▼▲ to scroll choices JIB, Bulk-RTI, Bulk-FL (Frontline) or None and press ▶. **NOTE: Only AOF and OCF fryers with MIB boards should be set for Fresh Oil. All others should be set to NONE.**
WASTE	NONE	Press ▼▲ to scroll choices JIB, Bulk-RTI, Bulk-FL (Frontline) or None and press ▶. **NOTE: Only AOF and OCF fryers with MIB boards should be set for Waste Oil. All others should be set to NONE.**
RESET PRODUCTS	NO	Press ▲ YES and press ▶ to continue.
EXIT	EXIT	Press ✓ button once to return the computer to OFF.

F3000 Setup Instructions

Additional configuration parameters

To set up additional parameters such as time, date, language, etc. enter setup using the directions below.

1. With the computer displaying OFF, press and hold the ✓ (check) key until Product Setup is displayed.
2. Press the ▶ (right) arrow key until *VAT SETUP* is displayed. Press the ✓ (check) key.
3. Enter code 3228.
4. Follow the sequence below to configure the computer.

Vat Set Up

Left Display	Right Display	Action
OFF	*OFF*	Press ✓ until Product Setup is displayed.
PRODUCT SETUP	Blank	Press ▶ to scroll to Vat setup and press ✓. See the owner's manual shipped with the computer for Product setup.
VAT SETUP	*ENTER CODE*	Enter 3228.
SYSTEM	Blank	Press ✓.
LANGUAGE	*ENGLISH*	Press ▼▲ to scroll to choice and press ▶.
2ND LANGUAGE	*ENGLISH*	Press ▼▲ to scroll to choice and press ▶. (This option allows another language to be selected from the front panel.)
LOCALE	*NON-CE*	Press ▼▲ to scroll to choice Non-CE or CE and press ▶.
ENERGY	*GAS*	Press ▼▲ to scroll to choice Gas or Electric and press ▶.
TYPE	*KJ3*	Press ▼▲ to scroll choices. See type selections on the preceding page. With the correct fryer displayed, press ▶.
SYSTEM VOLUME	*9*	Sets sound level for computer. Enter level, 0-9 (0=Off/ 9=Loudest). Press ▶.
TEMPR FORMAT	*F*	Press ▼▲ to scroll choices: F for Fahrenheit; C for Celsius. Press ▶.
EXIT MELT TEMPR	*100F*	Use numbered keys to change default setting. Press ▶. (This is the temperature for the fryer to exit the melt cycle.)
SETBACK TEMPR	*250F*	Use numbered keys to change default setting. Press ▶. (This is the temperature during setback or idle mode.)
FRESH OIL	*NONE*	Press ▼▲ to scroll choices JIB, Bulk-RTI, Bulk-F (Frontline) or None. Press ▶. **NOTE: Only AOF and OCF fryers with MIB boards should be set for Fresh Oil. All others should be set to NONE.**
WASTE OIL	*NONE*	Press ▼▲ to scroll choices JIB, Bulk-RTI, Bulk-F (Frontline) or None. Press ▶. **NOTE: Only AOF and OCF fryers with MIB boards should be set for Waste Oil. All others should be set to NONE.**
RECOVERY ALARM	*DISABLED*	Press ▼▲ to scroll choice DISABLED or ENABLED if recovery alarm is to be enabled. Default is DISABLED. Press ▶.
EXIT	*EXIT*	Press ✓ button once and return the computer to OFF.
TIME/DATE		
OFF	*OFF*	Press ✓ until Product Setup is displayed.
PRODUCT SETUP	Blank	Press ▶ to scroll to Vat setup and press ✓. See the owner's manual shipped with the computer for Product setup.
VAT SETUP	*ENTER CODE*	Enter 3228.
SYSTEM	Blank	Press ▶ to scroll to TIME/DATE.

Continued on the following page

F3000 Setup Instructions

Left Display	Right Display	Action
TIME/DATE	Blank	Press ✓.
TIME ENTRY	TIME	Use numbered keys to change time. Enter time in 24 hour format. Press ▶.
DATE FORMAT	MM/DD/YY	Press ▼▲ to scroll choices. With the date format displayed, press ▶.
ENTER DATE	DATE	Use numbered keys to change date. Press ▶.
EXIT	EXIT	Press ✓ button once and press ▶ to scroll to System, Time/Date, Filter, E-Log, Change Password or Edit Alarm Names. With desired choice displayed, press ✓ or press the Scan button once to return the computer to OFF.
DST SETUP		This is daylight savings time setup. In the United States, daylight savings time begins each year at 2:00 A.M. on the second Sunday in March, with clocks moving ahead one hour. Daylight savings time ends each year at 2:00 A.M. on the first Sunday in November, with clocks moving back one hour. For the two states and international locations, which do not use DST, set to disabled.
OFF	OFF	Press ✓ until the controller displays Main Menu for three seconds changing to PRODUCT SETUP.
PRODUCT SETUP	Blank	Press ▶ to scroll to Vat setup and press ✓.
VAT SETUP	ENTER CODE	Enter 3228.
DST	ENABLED	Press ▼▲ to scroll choices DISABLED and ENABLED. Press ▶. (This enables or disabled daylight savings time. Default is enabled.) If disabled is chosen, pressing the ▶ button, displays exit. Press the exit scan button three times to exit.
DST START MONTH	3	Enter the daylight savings time starting month using the 1-10 keys. (Default is US government starting month "3".) Press ▶.
DST START SUNDAY	2	Enter the daylight savings time starting Sunday using the 1-10 keys. (Default is US government starting Sunday "2".) Press ▶.
DST END MONTH	11	Enter the daylight savings time ending month using the 1-10 keys. (Default is US government ending month "11".) Press ▶.
DST END SUNDAY	1	Enter the daylight savings time ending Sunday using the 1-10 keys. (Default is US government ending Sunday "1".) Press ▶.
EXIT	EXIT	Press ✓ button once and press ▶ to scroll to System, Time/Date, Filter, E-Log or Change Password. With desired choice displayed, press ✓ or press the Exit/Scan button three times to return the controller to OFF.
FILTER		Follow the first four steps above to adjust time and date. Scroll to FILTER and continue.
FILTER	Blank	Press ✓.
GLOBAL FILTER COUNT	20	Press ▶. (This changes the total number of cooks to occur before a filter prompt. The default is 20.)
EOD FILTER TIME	21:00	Use numbered keys to change end of day filter time. Press ▶. The default is 21:00.
1 POLISH TIMER	ENABLED	Press ▼▲ to scroll to choice and press ▶. (This enables or disables the polish timer.)
1 POLISH TIME	08:00	Use numbered keys to change time. (This is the time the polish prompt will occur each day. The default is 08:00am.) Press ▶.
1 POLISH DURATION	30	Use numbered keys to change. (This is the duration, in minutes for a polish. The default is 30 minutes) Press ▶.

F3000 Setup Instructions

Left Display	Right Display	Action
1 POLISH DELAY TIME	*00:00*	Use numbered keys to change time. (This is the amount of time which an operator can delay the start of a polish.) Press ▶.
1 POLISH START TEMPR	*300F*	Use numbered keys to change temperature. (This is the temperature required for a polish to begin. The default is 300F.) Press ▶.
2 POLISH TIMER	*ENABLED*	Press ▼▲ to scroll to choice and press ▶. (This enables or disables the second polish timer.)
2 POLISH TIME	*14:00*	Use numbered keys to change time. (This is the time the second polish prompt will occur each day. The default is 14:00.) Press ▶.
2 POLISH DURATION	*30*	Use numbered keys to change. (This is the duration, in minutes for the second polish. The default is 30 minutes.) Press ▶.
2 POLISH DELAY TIME	*1:00*	Use numbered keys to change time. (This is the amount of time which an operator can delay the start of the second polish. The default is 1:00.) Press ▶.
2 POLISH START TEMPR	*300F*	Use numbered keys to change temperature. (This is the required temperature for the second polish to begin. The default is 300F.) Press ▶.
EXIT	*EXIT*	Press SCAN button three times to return the computer to OFF.
OFF	*OFF*	

When the setup is complete, completely remove power from the system for at least 10 seconds to reinitialize the computer then power back up the system. Wait at least 20 seconds before starting a function. If there are any questions contact the Frymaster service department at 1-800-551-8633.