

## UPDATE CONTROL FIRMWARE FOR FETCO CBS-2100XTS coffee brewers

Load from online file to SD card, load SD card into CBS-2100XTS coffee brewer.

–**ONLY** for brewers with controls with bootloader version 1.1.3.

### How to upload FETCO® software and firmware updates

Check that software has bootloader version 1.1.3. In Service Menu

Do not use this instruction set if your bootloader is not ver. 1.1.3...

A separate set is available for other bootloader versions

See Illustration 3 for how to access bootloader version in “FIRMWARE” settings in General Service Menu

### Prepare memory drive with firmware file to upload

From file ZIP-CBS21xx\_3010\_W\_BL.zip:

Extract the files shown below to an empty SD card formatted to FAT 32

(See Illustration 1 for specification of the SD card media)

Notes:

Copy only files shown!

Do not copy the INSTRUCTIONS.PDF, and do not to have any similar or old files on media!

#### File menu from jZIP-CBS21xx\_3010\_W\_BL.zip

<i>USE?</i>	<b>Name</b>	<b>Type</b>
Copy if bootloader is NOT 1.1.3→	BLTEMP.BIN	BIN File
Copy if bootloader is NOT 1.1.3→	BOOTLDR.BIN	BIN File
Copy if bootloader is NOT 1.1.3→	CBS2130.BLD	BLD File
Copy if bootloader is NOT 1.1.3→	CBS2130.BLT	BLT File
<b>YES!—COPY→</b>	CBS2130.frm	FRM File
<b>NO!-Do Not Copy→</b>	<b>INSTRUCTIONS.PDF</b>	<b>PDF File</b>

This is the file menu from the FETCO .ZIP file.

Load only files shown to your SD card

### Update brewer with firmware

See Illustration 2 for location of port for SD card

A) Turn power switch “OFF”  
(power switch is on back, lower right)

B) Load prepared SD card into the brewer SD card port and  
turn power switch “ON”

Screens will change and show the update process.

Do not remove card or operate equipment.

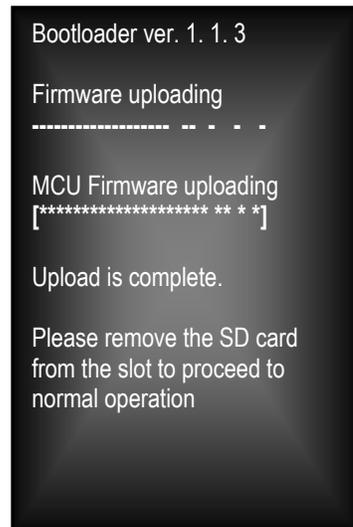
Wait until “upload is complete” screen is shown

C)...next - remove the SD card

D) Update complete

E) See Illustration 3 for resetting brewer.

→ Brewer may have returned to factory default, and user settings may need to be entered



**Illustration 1)** SD Card requirements  
 FETCO equipment only loads updates from SD cards with these specifications.

**SPECIFICATION:**

- Required SD card for FETCO® firmware
- 1) Use 2 GB, 1GB is allowed
  - 2) Class 4 speed
  - 3) DO NOT use SDH (HSD) Cards- Use only **SD cards**

Typical SD card



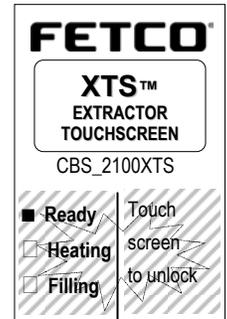
**Illustration 2** location of port for SD card  
 Release flexible cover for access



**Illustration 3**

**Access to brewer settings in General Service Menu, Verify boot loader version and reset model after update**

- Enter Service Menu by accessing the power switch on back of the panel
  - Switch power “OFF”
  - After at least ten seconds: Turn power switch “ON”
  - Touch and hold XTS screen as shown to enter the programming screens. →
  - When entering The SERVICE MENU: the first screen is “PROGRAM”
  - Use the arrow icons to scroll through the five main SERVICE menus.
  - Scroll to **“OTHER”** and scroll down (“Error Codes” will be the first feature.)
  - Scroll left to **“Firmware”**
  - Scroll down to “Display Versions” which is abbreviated: **“Disp. Versions”**
  - If Model Number On The Top Line Being Displayed Is Different From Your Equipment: Scroll back to **Reset to Factory** Move control to **“YES”**
  - Scroll through and select your model, select and touch ENTER to complete update.
- A Menu Tree is below to show the main categories of the five SERVICE menus.



XTS Main Menu				
PROGRAM	GENERAL	INPUTS	OUTPUTS	OTHER
Batch 1 Left	Tank Temp	Display Inputs	Show Summary	Error Codes
Batch 2 Left	Brew at Temp.	Calib Touch Screen	Left Valve	Copy Program
Batch 3 Left	Units of Measure		L.Bypass Valve	Upload LOGO
Batch 3 Left	ECO Mode		Right Valve	Reset to Factory
Batch 1 Right	LOGO Timeout		R.Bypass Valve	
Batch 2 Right	Brew B.Sensor		Fill Valve	Counters
Batch 3 Right	Use Flojet®		L.B. Basket Lock	<b>Firmware</b>
Batch 4 Right	LLC Sensitivity		R.B.Basket Lock	
Batch Copy			Heater	DEMO Mode
			Screen	

These instructions are for FETCO Coffee Brewer Models:  
 CBS-2131XTS, CBS-2132XTS;  
 CBS-2141XTS, CBS-2142XTS;  
 CBS-2151XTS, CBS-2152XTS;



Example screen to display boot loader version (1.1.3)

These update instructions will only work correctly if the Firmware has Bootloader version 1.1.3.