



Subject: CashCode SM-US1732 Firmware to Accept the New US \$5 bill (2008)

Update A: Added Installation instructions for manual update.

Update B: Prior to any purchase an additional counterfeit issue was resolved and added, raising the firmware level from US1731 to US1732. The part numbers below did not change, the rev was simply updated since none had been purchased.

Overview

CashCode has released new firmware for US models of the CashCode SM Bill Acceptor unit in order to accept the new US \$5.00 bill.

Problem

Older version of the CashCode SM firm ware will not accept the new US \$5.00 bill. This new \$5 bill, released in 2008, will soon be in general circulation. This will affect all US customers.

Solution

Firmware in all US CashCode SM units must be updated in order to accept the new US \$5.00 bill. The new version of firmware issued by CashCode is titled SM-US1732.

New part numbers are as follows:

Part Number	Description	Supersedes
11002442	Bill Acceptor, CashCode, SM Backload, USA, Firmware SM-US1732	11001360
11002443	CashCode SM Stick SM-US1732	11001983

NOTE: Each SM Memory Stick can be used up to 25 times only.

<u>INQUIRIES TO:</u>		DATE
Fujitsu Transaction Solutions Inc.		
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Original signature copies maintained by Sustaining Engineering.		

Procedure to Update Firmware on CashCode SM Bill Acceptors (US)

For those customers who receive ASM updates from Software Development, Software Development will provide an ASM package with this update. In order to perform the update manually please follow the instructions below.

1. Power off unit.
2. Remove Stacker Cassette.




3. Remove Cover Plate.



4. Remove current memory stick (SM-NDEG), by sliding the metal clip towards the plastic socket. Once the clip has been released, the memory stick can be removed by pulling on the end.



5. Inset SM-US1732 memory stick. (Part # 11002443). Slide the Memory stick in to the socket, press down on the memory stick, holding against the circuit board, slide the metal retaining clip back to lock the chip in to place
6. Power on unit. Indicator lights on the front of unit will flash red & green while firmware is downloaded from the SM-US1732 memory stick.
7. When lights stop flashing, power off the unit, replace the SM-US1732 with the SM-NDEG memory stick. Using the procedure in steps 4 and 5.
8. Power-up the unit and test.

	Fujitsu Transaction Solutions	FIELD CHANGE AUTHORIZATION	FCA-08-002B
	Sustaining Engineering		EC-14578/14626
	San Diego, CA; Montreal, QC		February 11, 2008

This Field Change Authorization (FCA) is issued by the Sustaining Engineering as Design Authority for this product line. This change is to be implemented per the implementation guidelines below. Any deviation or exception to these guidelines must be reviewed and agreed with Sustaining Engineering for deviation authorization. Implementation information (unit serial numbers, cut-in dates, etc.) must be forwarded to FTXS Sustaining Engineering.

Product Affected:

All CashCode SM devices in U-Scan systems, US Only.

Change Type:

Standard <input checked="" type="checkbox"/>	Emergency: <input type="checkbox"/>	Mandatory: <input type="checkbox"/>	Non-Mandatory: <input checked="" type="checkbox"/>
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Reason for Change:

To allow the CashCode device to accept the new US \$5 bill due in circulation mid 2008.
CashCode firmware is updated, reference PSB-08-008B.
This is a Fit-On-Fail or Next Visit basis.

Part Number	Description	Supersedes
11002442	Bill Acceptor, CashCode, Model SM Backload, USA, Firmware 1732	11001360
11002443	CashCode SM Stick US1732	11001983

NOTE: Each SM Memory Stick can be used up to 25 times only.

Effect:

Safety: <input type="checkbox"/>	Maintainability: <input type="checkbox"/>	Performance: <input checked="" type="checkbox"/>	Reliability: <input type="checkbox"/>
Form: <input type="checkbox"/>	Fit: <input type="checkbox"/>	Function: <input checked="" type="checkbox"/>	Regulatory: <input type="checkbox"/>

Equipment Affected:

Type/Part Number	From/To Serial/Date	From/To Mod Level
All US CashCode SM Devices		Through Feb 2008

Implementation Requirements:

Integration: Re-Work Specific Customer or Region. Repair Centers: Re-Work All Stock.
Spares Stock: Re-Work All Stock. Installations: Re-Work at Next Site Visit.
Estimated Cost Impact sheet has been approved, forwarded to appropriate parties, and is attached to the EC in PDM.

Estimated Re-work Time:

Central: 10 minutes On-Site: 10 minutes

These times do not include packing, unpacking, testing, or gaining access to equipment.

Pre-Requisite Mods Required:

Yes: No:

NOTE: All published modifications must be implemented. Unless otherwise specified, Modifications must be implemented in chronological order.

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