



***WALL THICKNESS CONVERSION PROCEDURE  
STANDARD TO ISLAND CONFIGURATION  
(MODEL FT5000 X-SCALE ATM)***

**TDN 07102-00064 03/2006**

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# WALL THICKNESS CONVERSION PROCEDURES

## PURPOSE

This guide covers the steps for reconfiguring your FT5000 to accommodate exterior wall thickness. If you currently have an “extended” configured model (accommodates walls up to 10”), you can “collapse” the unit (accommodates walls up to 5”). This procedure includes a list of all tools and hardware necessary for the conversion as well as the steps involved.

## SCOPE

This procedure applies to all service personnel involved in the process of maintaining or converting Triton ATMs.

## OVERVIEW

The conversion of the FT5000 from a “long” to “short” configuration involves two separate (2) procedures:

- 1) - Shortening the NMD-100 extension throat assembly.
- 2) - Physically “collapsing” the cabinet.

**This procedure requires that unit power be turned OFF!**

## REQUIRED PARTS AND TOOLS

TOOLS REQUIRED		
#2 Phillips Screwdriver      #T10 Torx Driver		
Conversion Kit (Long to Short) (P/N 06200-00148)		
PARTS SUPPLIED		
PART NUMBER	DESCRIPTION	QUANTITY
04005-00450	180mm Extension Kit	1
	Bracket, (Left/Right)	2
	Screws, #10 Torx	16
A002576	Left Extension Spacers, Plastic, Snap-on	2
A002577	Right Extension Spacers, Plastic, Snap-on	2
(NOT USED)	Cable, Delivery Position Sensor	1
03072-00015	Ty Wrap	4
07102-00064	Conversion Procedures	1



## WALL THICKNESS CONVERSION PROCEDURES

### NMD-100 THROAT EXTENSION ASSEMBLY CONVERSION

1. Open cabinet vault door and slide the NMD-100 dispenser out fully. Disconnect all the cables (Data, shutter, and AC power) to the dispenser.

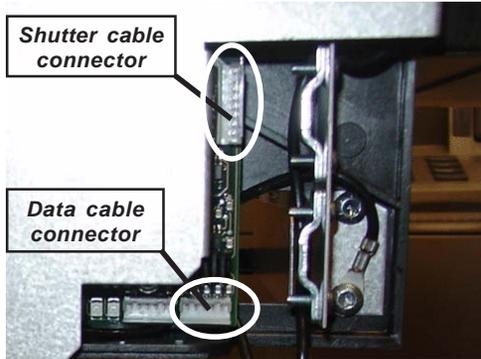


Figure 1. Disconnect shutter and data cables.

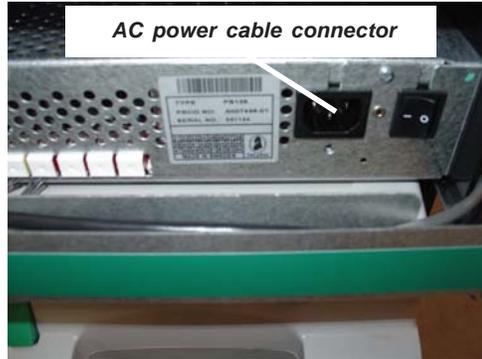


Figure 2. Disconnect AC power cable.

2. Remove the dispenser from the cabinet and place on a level surface area. **Caution:** When removing the mechanism, take care not to damage the extension throat assembly. A 2-person lift is recommended.

3. Disconnect the ground wires from the side panels. Remove the top and side panels from the mechanism (Figure 3).

4. Disconnect the Bundle Output Unit (BOU) wires from the Central Machine Controller (CMC) shown in Figures 3 and 4.



Figure 3. Remove top/side panels.

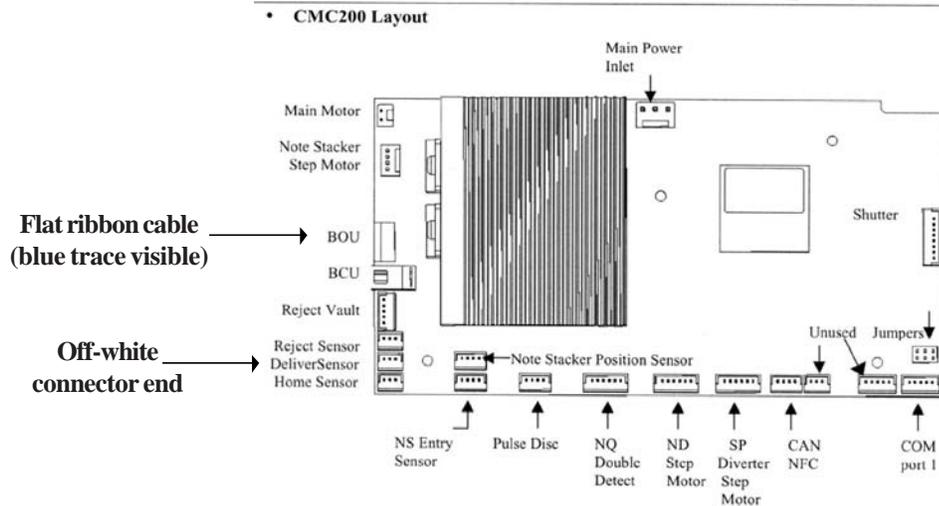


Figure 4. BOU cable connects to CMC.

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5. **Remove BOU.** Using the T10 Torx driver, remove the two (2) screws (each side) that secure the BOU to the extension delivery throat assembly (Figure 5). Slide and remove the BOU from the plastic extension spacers. Set BOU aside (Figure 6).



Figure 5. Remove screws shown.



Figure 6. BOU removed.

6. **Remove bracket.** Using the T10 Torx driver, remove the five (5) screws (each side) that secure the extension throat bracket. Remove the bracket (with the plastic spacers attached). This assembly will be replaced with shorter brackets and new plastic spacers included in kit.

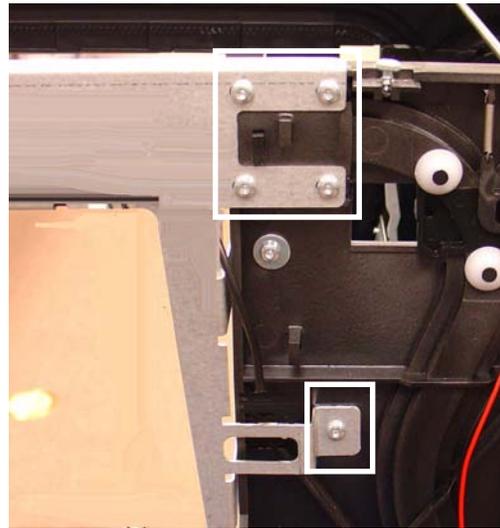


Figure 7. Remove bracket screws shown.

7. **Assemble spacers/bracket/BOU assembly.**

- Snap the two (2) **Left** spacers together. Install/snap on the dispenser as shown in Figure 8. The “teeth” will be on the bottom side. Perform the same for the **Right** side.

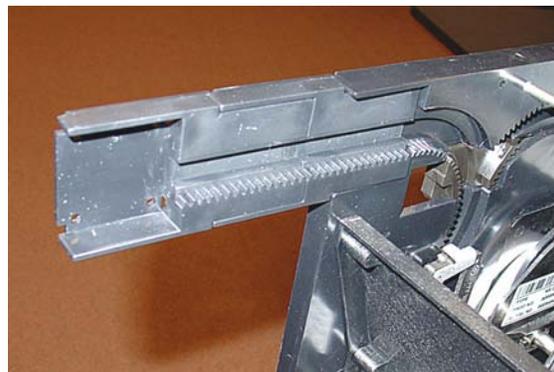


Figure 8. Spacers installed.

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- Install/snap the BOU on the ends of the spacers (Figure 9).
- Install the (L) and (R) side brackets as shown in (Figure 10). The flange on the brackets will be facing “in”.

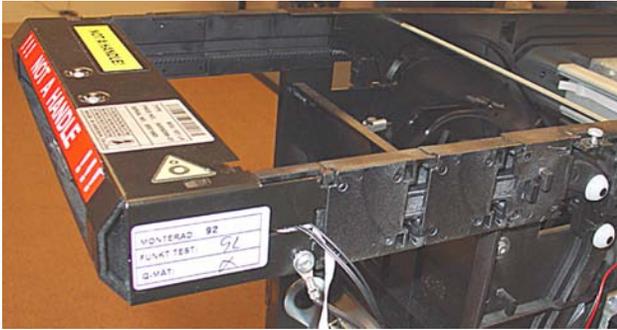


Figure 9. BOU installed on spacers.

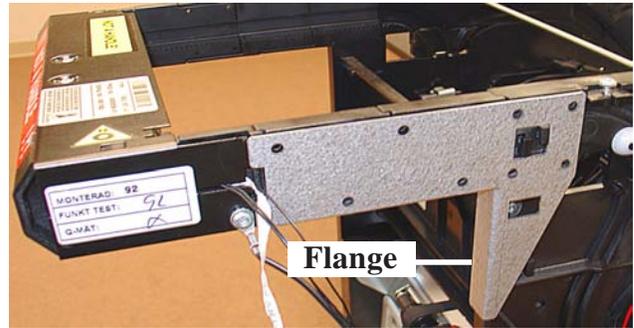


Figure 10. Bracket installed.

- Secure all these assemblies with the torx-head screws provided (8 per side).

8. Reconnect the BOU cables to the CMC. Due to shortening of the extension throat assembly, you will have excess cable slack. Use the ty wraps included to secure cables to dispenser frame/extension throat.

9. Install the dispenser top/side panels and reconnect all ground wires. Set unit aside and proceed to cabinet shortening procedures next.

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### SHORTENING THE CABINET

To slide the sleeve cabinet, there are (six) 6 bolts that have to be removed and relocated. There is also a security plate secured with two (2) phillips pan head screws that have to be removed.

1. Open sleeve cabinet door (where electronics are accessed). Remove the screw securing the shutter access plate (Figure 1) and temporarily remove the plate (**Note: This is NOT the security plate**).
2. Using a 7/16" socket, remove the two (2) top bolts located in Figure 2. Set bolts aside.
3. There are two (2) bolts on each side of cabinet (Figure 3). Remove the lowers bolts and *loosen* the top bolts. Next, relocate the lower bolts to the back top bolt holes (Figure 4). *Start* the bolts just enough. This will align the sleeve when it's pushed back. **DO NOT REMOVE the top bolts at this time.**



Figure 1. Remove shutter access plate.

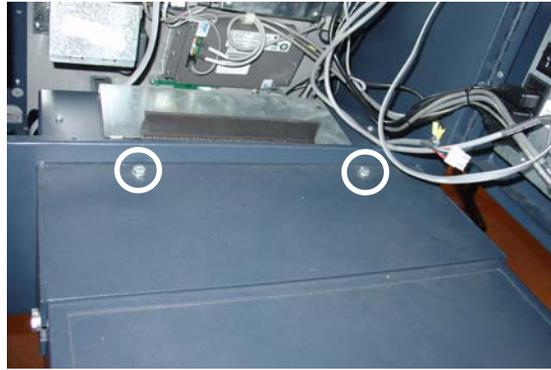


Figure 2. Top bolts location.



Figure 3. Side bolts location.

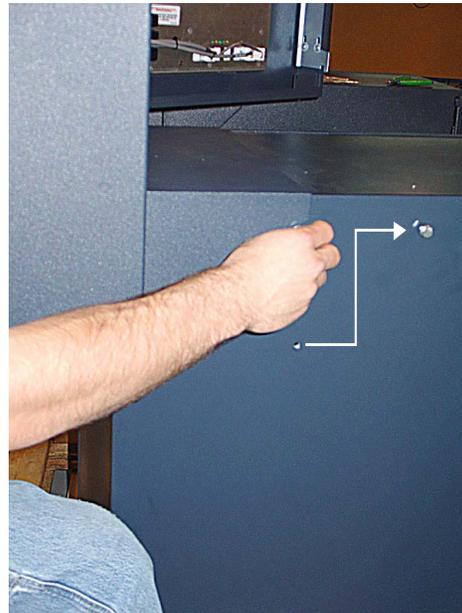


Figure 4. Relocate and start bolts in back top bolt hole.

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4. **Removal of security plate.** Refer to Figure 5. The security plate must be removed. Open the cabinet sleeve door and locate the two (2) phillips head screws (Figure 6). Using a phillips screwdriver, remove the 2 screws and security plate. *Note: If the plate is “wedged” in place, grasp the sleeve shown in Figure 7 and lift slightly until plate can be removed. The plate and screws are not needed for a “collapsed” configuration.*



Figure 5. Security plate location.



Figure 6. Security plate screws.



Figure 7. Remove plate.

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### **\*\* CAUTION \*\***

There are cables located near the shutter assembly (Figure 8). Ensure cables are not binding or damaged when sliding the sleeve back.

5. **Slide cabinet sleeve.** Remove the two (2) forward-most side bolts. Slowly push the cabinet sleeve back until it sets on the back top bolts relocated in **step 3**. Inserted the 2 bolts just removed in the lower bolt holes. Insert the top 2 bolts removed in **step 2**. **Secure** all the bolts (Figure 9).



Figure 8. Secure all bolts.



Figure 9. Secure all bolts.

6. Install the converted (shortened extension throat) NMD-100 dispenser in the cabinet. Slide the dispenser fully in the cabinet. Check the cables near the shutter assembly. They should be clear from obstructing the mechanism being pushed fully in the cabinet. Reconnect the dispenser cables (shutter, data, and AC power). There will be excess cable slack. Route/secure these cables to prevent being caught/pulled when the dispenser is racked out (Figures 10 and 11).



Figure 10. Ty wrap cables.



Figure 11. Route cables.

7. Reinstall the shutter access plate previously removed in step 1. This completes the conversion procedures from “Long” to “Short” configuration.