



TDM-100/150 BASE PLATE UPGRADE PROCEDURES

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TDM-100/150 BASE PLATE UPGRADE PROCEDURES

PURPOSE

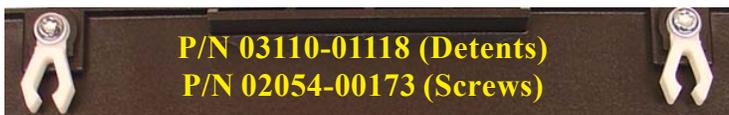
This guide covers the steps for replacing the TDM-100/150 dispenser base plate, detent clips, and access panel fasteners. This procedure includes a list of all tools and hardware necessary for the upgrade as well as the steps involved.

SCOPE

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

REQUIRED PARTS AND TOOLS

TOOLS REQUIRED		
Phillips Screwdriver #20 Torx driver		
TDM-100 BASE PLATE UPGRADE KIT (P/N 06200-08125) TDM-150 BASE PLATE UPGRADE KIT (P/N 06200-08126)		
PARTS SUPPLIED		
PART NUMBER	DESCRIPTION	QUANTITY
¹ 03110-01004	Frame Bottom	1
² 03110-01094	Mech S, Frame Bottom Long	1
03110-01118	Detent Clip, Gray	2
02054-00173	Screw, T20, Self-tapping, Plastite, Washer-head	2
03110-01133	Fastener/Diverter, Plastic, White	4
07100-00078	TDM-100/150 Base Plate Upgrade Procedures	1
¹ Included in 06200-08125 Upgrade Kit. ² Included in 06200-08126 Upgrade Kit.		



TDM-100/150 BASE PLATE UPGRADE PROCEDURES

REMOVING THE TDM FROM A FIXED TRAY

Note: Before proceeding, follow the proper shutdown procedures to remove power from the ATM:

1. Open the cabinet vault door. Rotate the dispensing mechanism mounting platform to the service position. To do this, locate the spring-loaded locking pin on the underside of the mounting tray. This pin lets you lock the dispenser's swivel mounting platform into half-turn access positions. (Figure 1)
2. Pull the pin down to release the swivel mounting platform. Slowly turn the tray clockwise so that the note and reject cassettes can be accessed from the front. Release the locking pin and move the mounting platform back and forth slightly to ensure the pin snaps back into place, locking the mounting platform into the service position (Figures 2 and 3).

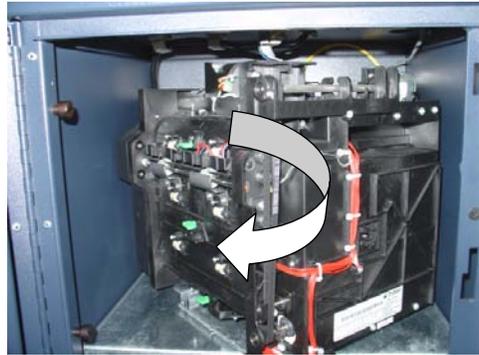
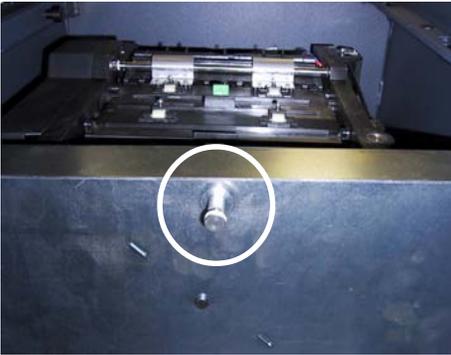


Figure 1. Pull release pin for swivel platform. Figure 2. Rotate dispenser clockwise. Figure 3. Mechanism in service position.

3. Disconnect the power and communication (Comms) cables from the dispenser (Figure 4). Open the ferrite component that surrounds the 2 cables and set aside.
4. Remove the note and reject cassettes. Using a phillips head screwdriver, remove the four (4) screws that secure the dispenser to the swivel platform (Figure 5). Remove the TDM dispenser mechanism and place on a flat surface.



Figure 4. Power and Comm cable disconnected.

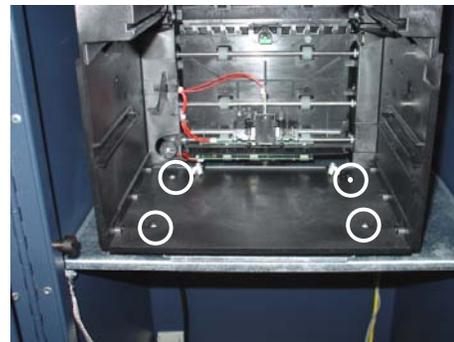


Figure 5. Remove mounting screws.

TDM-100/150 BASE PLATE UPGRADE PROCEDURES

REMOVING THE TDM FROM A SLIDE TRAY

Note: Before proceeding, follow the proper shutdown procedures to remove power from the ATM:

1. Open the cabinet vault door. Release the locking slide rail and fully extend the dispenser from the cabinet (Figure 1). Rotate the dispensing mechanism mounting platform to the service position. To do this, locate the spring-loaded locking pin on the underside of the mounting tray (Figure 2). This pin lets you lock the dispenser's swivel mounting platform into half-turn access positions.
2. Pull the pin down to release the swivel mounting platform. Slowly turn the tray clockwise (Figure 3) so that the note and reject cassettes can be accessed from the front. Release the locking pin and move the mounting platform back and forth slightly to ensure the pin snaps back into place, locking the mounting platform into the "Service" position (Figure 4).



Figure 1. Dispenser fully extended.

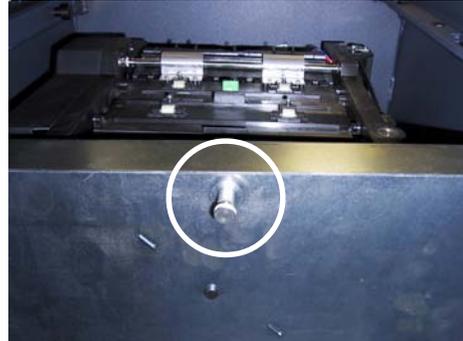


Figure 2. Pull release pin for swivel platform.



Figure 3. Rotate mechanism to service position (clockwise).



Figure 4. Mechanism in "Service" position.

3. Disconnect the power and communication (Comms) cables from the dispenser (Figure 5). Carefully cut any Ty wraps that are securing the cables to the dispenser. Open the ferrite component that surrounds the 2 cables and set aside.
4. Remove the note and reject cassettes. Using a phillips-head screwdriver, remove the six (6) mounting screws that secure the dispenser to the swivel platform (Figure 6). Remove the TDM dispenser mechanism and place on a flat surface.



Figure 5. Power and Comm cable disconnected.

Note
Some older model units have a different swivel platform. The dispenser was mounted using four (4) screws.

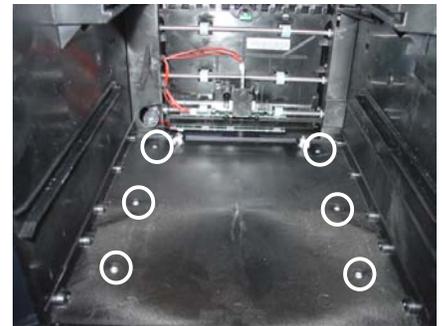


Figure 6. Remove mounting screws.

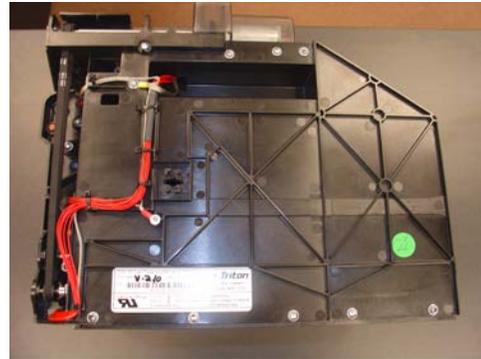
TDM-100/150 BASE PLATE UPGRADE PROCEDURES

REPLACING THE BASE PLATE, DETENT CLIPS, DIVERTER FASTENERS

The following procedures apply to both TDM dispensers (100/150). The TDM-150 has two (2) additional torx screws that have to be removed from each side. The following steps will reference the TDM-100.



TDM-100



TDM-150

1. Place the dispenser on its side as shown in Figure 1. Using the #20 torx driver, remove the three (3) bottom torx screws. Set screws aside.
2. Turn the dispenser over on its other side as shown in Figure 2. Remove the two (2) bottom torx screws. Set screws aside. Using a phillips screwdriver, remove the two (2) phillips screws that secure the belt cover and grounding harness. Remove the belt cover and set screws aside.



Figure 1. Torx screws location.

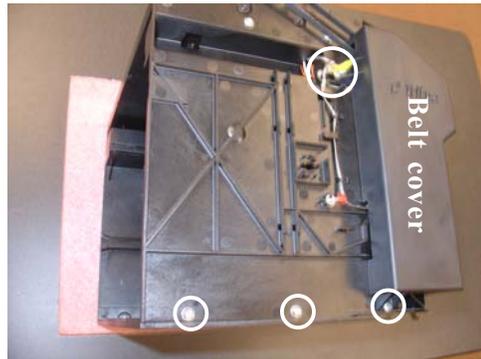


Figure 2. Torx/phillips screws location.

3. Turn the dispenser over so that the bottom plate is facing up as shown in Figure 3. Remove the bottom torx screw shown. Set the screw aside.

Note

This screw is slightly different from the other ones removed. When reassembling the new base plate, ensure this screw is placed in the proper location.

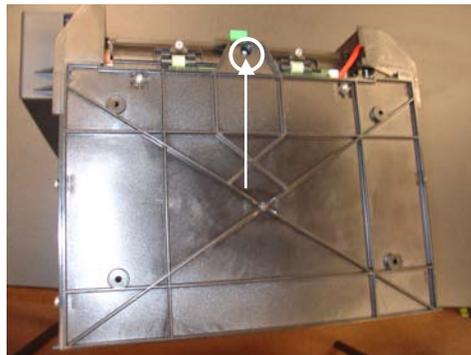


Figure 3. Bottom Torx screw location.

TDM-100/150 BASE PLATE UPGRADE PROCEDURES

- Turn the dispenser on its side and remove the existing base plate from the dispenser.

Note

If the plate is hard to remove, open the bottom access door located in Figure 4. **Loosen** the torx screw shown and base plate should release from dispenser.



Figure 4. Open access door to locate screw.

- Using the #20 torx driver, install the new detent clips (gray) to the new base plate with the screws provided (Figure 5). Hand-tighten screws!
- Install the new base plate to the dispenser by first aligning the notches on one side (Figure 6) and **gently** lifting the other until the plate snaps in place. Retighten the torx screw previously loosened in step 4 (**see Note**) **first**, if applicable.

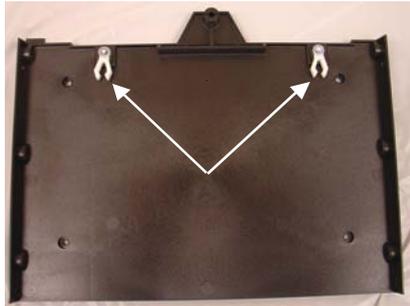


Figure 5. Install detent clips.



Figure 6. Align base plate with notches.

- Install the bottom torx screw removed in step 3. Reinstall the remaining side torx screws. Install the belt cover and ground harness.

**** CAUTION ****

**DONOT OVERTIGHTEN THE BOTTOM TORX SCREW!
This screw should ONLY be hand tight (snug).
Overtightening may cause damage to the dispenser!**

- Remove** the **Green** diverter fasteners (3 in front, 1 on inside) by slightly pressing against the tabs with your thumb until it “pops” out. **Install** the new fasteners (**White**) included in kit. Ensure fasteners are securing the access panels after installing.

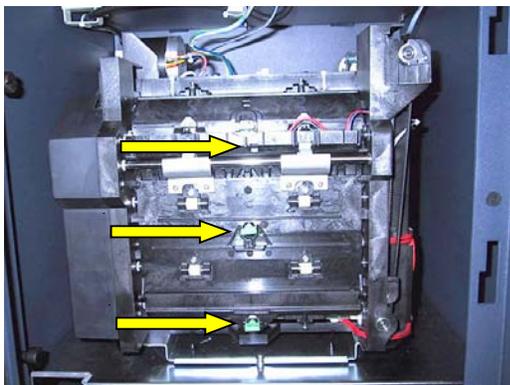


Figure 7. Fasteners on front.

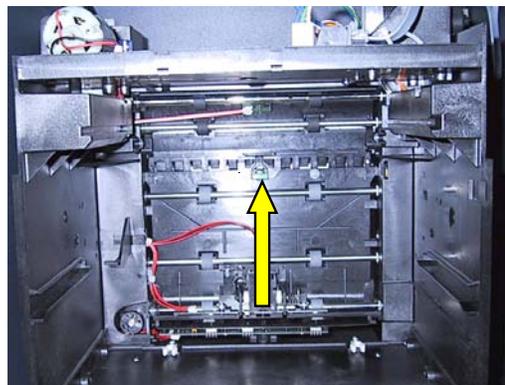


Figure 8. Fastener inside.

- Reinstall - the dispenser on the turntable, connect the power/comms cables, the ferrite component, and the note and reject cassettes. Installation complete.