



# TRANAX MAIN BOARD REPLACEMENT

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## Document Updates

Apr. 27, 2012 Original

July 13, 2012 Add Printer Controller Board and Dispenser DIP SW settings

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#### PURPOSE

This guide covers the steps for replacing and upgrading Tranax 1700W main boards to allow Triton software to be used on non-Triton ATMs. This upgrade guide will include a list of all tools, hardware and part numbers necessary for main board replacement, as well as the steps involved in removal, installation and wiring.

#### SCOPE

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

#### APPLICATION

These conversion kits apply to all Tranax 1700W units in the U.S. and Canada. Triton's Leopard I main board will be available as a direct replacement for existing Tranax main boards. The upgrade will include all pre-loaded Triton software necessary for upgrading units.

#### NOTE: DIP SWITCH SETTINGS

**Printer 1 & 7 on all others off**

**Dispenser 1,2 & 4 on, 3 off**



Dispenser  
DIP SW

### REQUIRED PARTS AND TOOLS

#### Kit P/N 09110-00203 (U.S.) and 09110-00204 (Canada)

These kits replace existing main boards and software currently loaded on Tranax 1700W models in the U.S. and Canada. The replacement main boards come fully pre-loaded with Triton software.

<b>TOOLS REQUIRED</b>	#2 Phillips screwdriver
<b>KIT 09110-00203 (U.S.)</b>	Leopard I Main Board/software replacement for Tranax 1700W units in U.S.
<b>KIT 09110-00204 (Canada)</b>	Leopard I Main Board/software replacement for Tranax 1700W units in Canada

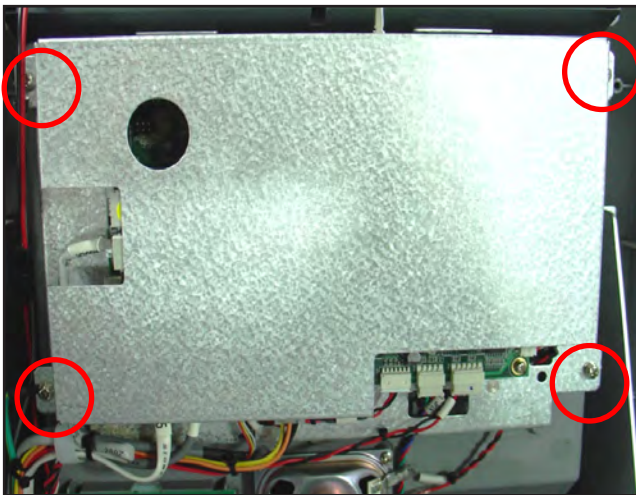
### REMOVAL/REPLACEMENT PROCEDURE

Before proceeding, follow these steps to remove power from the ATM: Unlock and open the ATM control panel and turn power **OFF** (0) on the ATMs power supply module (red switch). If possible, unplug the ATM power cord at the wall outlet. Remove lock screws to tilt face forward for easier accessibility.



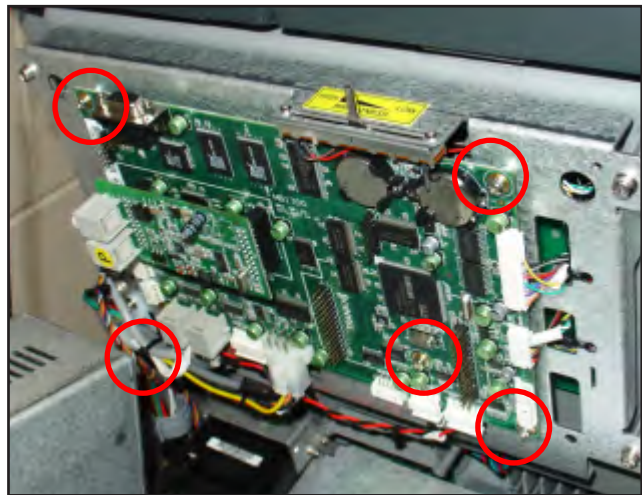
**Warning:** Observe all necessary precautions for handling electrostatic sensitive devices.

1. Refer to the applicable service manual for your unit, or to the representative steps below, to remove and replace the main board and re-secure wiring connections.
2. Ensure power is removed from the unit. Ensure printer and dispenser DIP SW settings are changed.
3. With a Phillips screwdriver, remove four (4) screws to lift metal main board protective cover if applicable, (**see figure 1**).
4. Once the main board is exposed, disconnect all cables. Make a connection chart if necessary to aid in re-connection, (**see figure 5**).
5. Remove the five (5) screws attaching the main board to its bracket, (**see figure 2**). The new Triton main board is the same size as the previous board and will mount to the same bracket.
6. Once the new main board is secured, reconnect wiring at the same points as removal, (**see figure 5**), and replace protective board cover if applicable.
7. Ensure DIP SW settings are correct before applying power. Apply power to unit and test functionality. It will take up to 30 seconds for the display to illuminate.



**Figure 1**

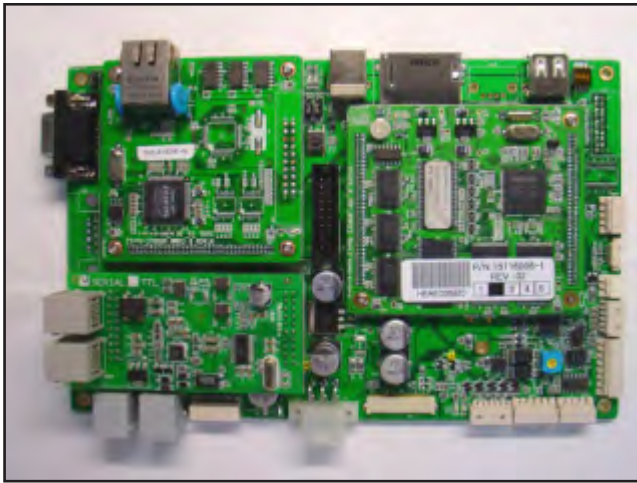
*On applicable units, remove protective metal covering to access main board.*



**Figure 2**

*Mounting screws are located on four corners and of original and replacement main boards.*

# TRANAX 1700W MAIN BOARD REPLACEMENT



**Figure 3**

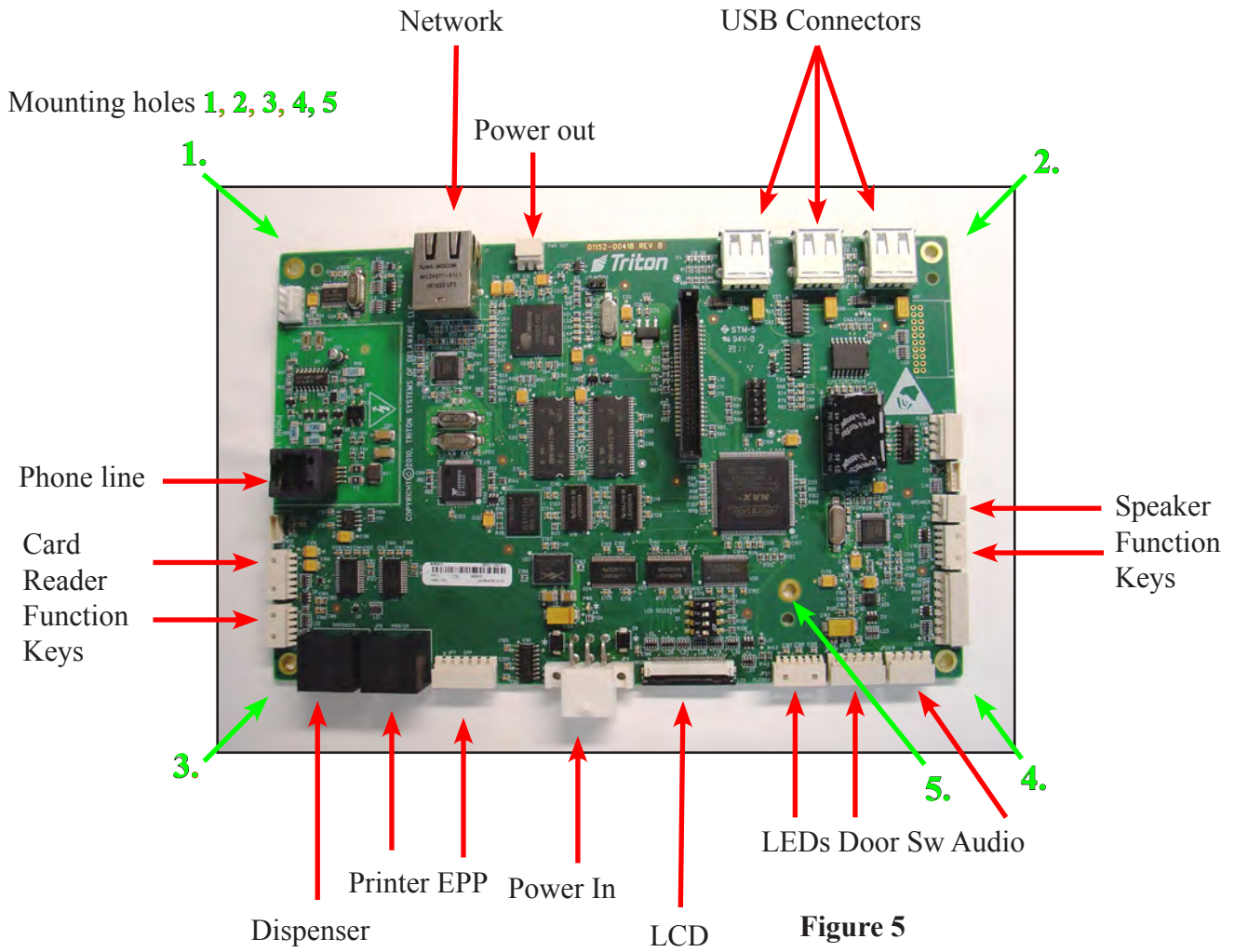
*Current Tranax 1700W main board*



**Figure 4**

*New Leopard I Triton replacement main board*

## WIRING AND CONNECTIONS



*Identical in size and with only minor variations, Triton main board plug-in configurations are much the same as the original board.*