AMERICAN GAMES

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Instruction, Printer Kit Installation

Review these instructions completely prior to beginning Printer Installation procedure. Installation instructions for Vend Door Mount Thermal Printer Kit (Item 99611B) in PTVM models 4200 and 8400.

This procedure describes the steps necessary to properly and safely install the new thermal printer, printer shelf and associated wire harnesses in an American Games Pull Tab Vending machine, models 4200 and 8400 built after August 2016.

*WARNING: The following procedures require working around high voltage circuitry.
                        Serious injury may result from improper handling.
           Follow steps precisely or have a qualified technician perform these operations.*
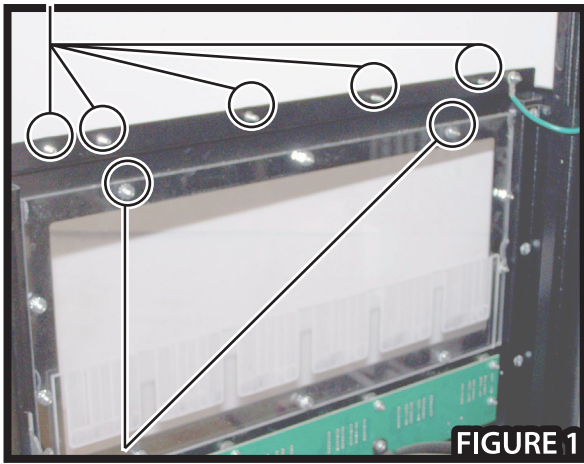
Review Parts
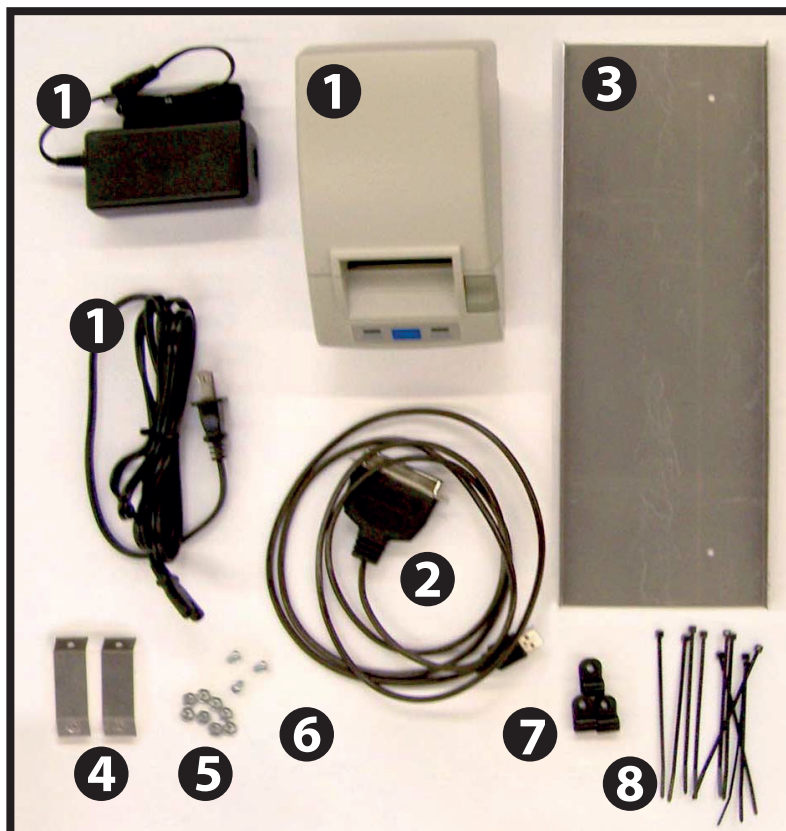
1 Printer and Power Cord (1 ea.)

2 Printer Data Cable (1 ea.)

3 Printer Shelf (1 ea.)

4 Printer Shelf Brackets (2 ea.)

5 6-32 Nut (6 required)

6 6-32 x 1/4" Screw (2 required)

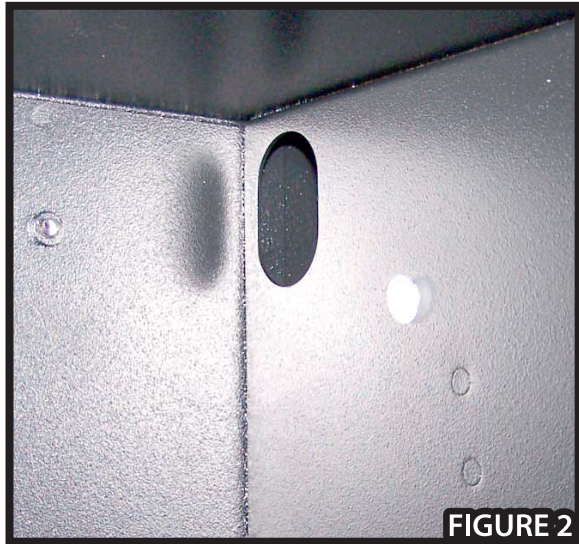**7** 1/4" Cable Clamp (2 required)

8 4" Zip Ties (4 required)
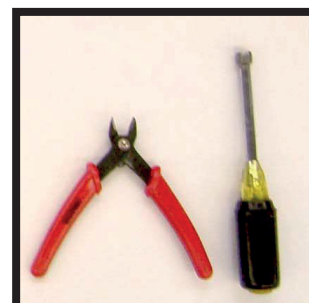
Required Tools

5/16" nut driver

Pair of small wire cutters or "Snips"

Vend Door Printer Shelf Mounting PEMs

FIGURE 1

Vend Door Window Printer Bracket Positioning PEMs

FIGURE 2

FIGURE 3

1. Unplug vending machine from power source (wall outlet). Ensure machine is fully disconnected from power prior to beginning this procedure.

Do Not Plug In Or Power Up Machine Until Prompted To Do So.

2. Open Ticket and Money compartment doors. Remove Bill Box from Bill Acceptor and set in back of Money compartment.

3. On the Vend Door window, locate the two (2) printer Bracket positioning PEM screws. Using 5/16" nut driver, remove the two (2) 6-32 nuts and set aside to use again later. *Figure 1.*

Note: For model 8400 machines, mount brackets and printer shelf on right side Vend Door.

4. Place Printer Brackets on window PEM screws (deep angle bend to window) and replace 6-32 nuts (do not tighten nuts at this time).

5. Locate "Through Hole" between Ticket and Money compartment (top, back of interior partition) *Figure 2.*

6. From the Money compartment, run the AC adapter cable connector through the "Through Hole" into the Ticket compartment (approx. 3 ft. of length). The AC adapter power inlet box should rest on the floor of the Money compartment.
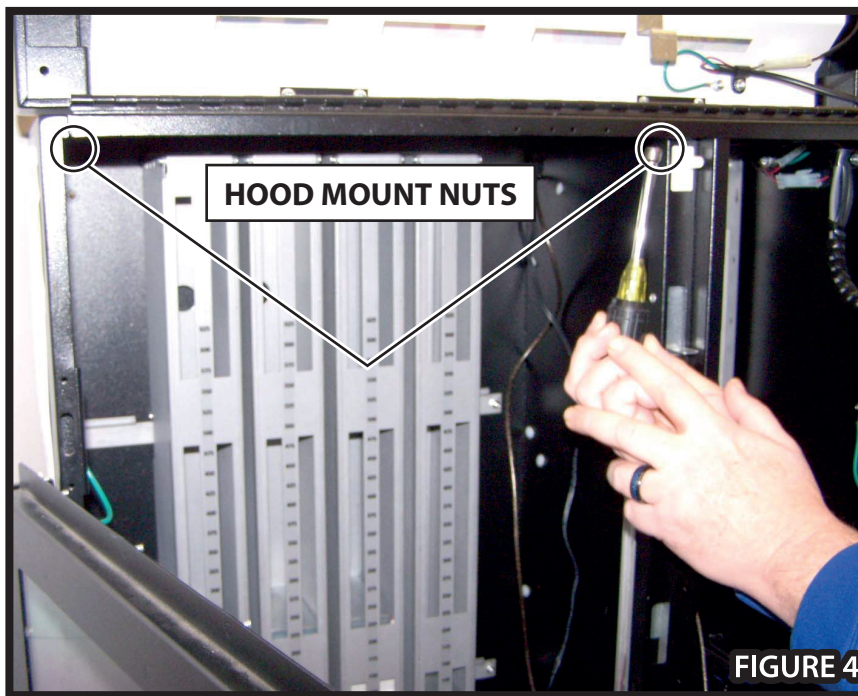
7. From the Ticket compartment, run the USB end of the Printer Data Cable through the "Through Hole" into the Money compartment (approx. 2 ft. of length).

8. Gather the cable connector end of the AC adapter with the parallel interface end of the Printer Data Cable. The cable connector end should extend approx. 2" beyond the parallel interface. Secure the cables together with one (1) 4" zip tie just above the parallel interface end. Draw zip tie "tight" to hold cable together. *Figure 3.*

9. Place another zip tie around the cables approx. 5" above parallel interface end and tighten zip tie. Using caution not to cut or knick cables, with wire snips, cut excess zip tie length from both zip ties.

HOOD MOUNT NUTS

FIGURE 4

USB PORT   4" ZIP TIE

FIGURE 5

AUXILLARY OUTPUT
PRINTER DATA CABLE
AC ADAPTER INLET BOX

FIGURE 6

10. In the Ticket compartment side, using 5/16" nut driver remove the two (2) outer-most Hood Mount nuts (Figure 4) and set aside for later use.

   Note: For model 8400 machines, remove only the right interior Hood Mount screw and proceed to step 12.

11. Place connector cables in one (1) ¼" cable clamp approx. 11" above connector ends and secure to left interior Hood Mount screw and replace and tighten 6-32 nut.
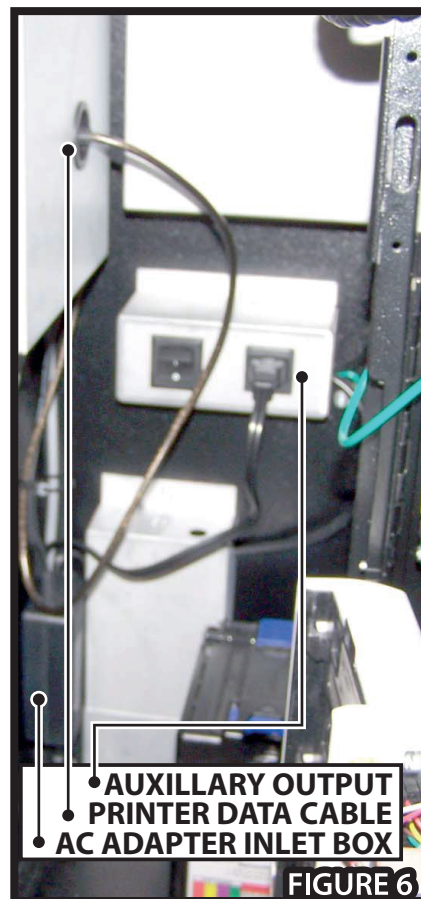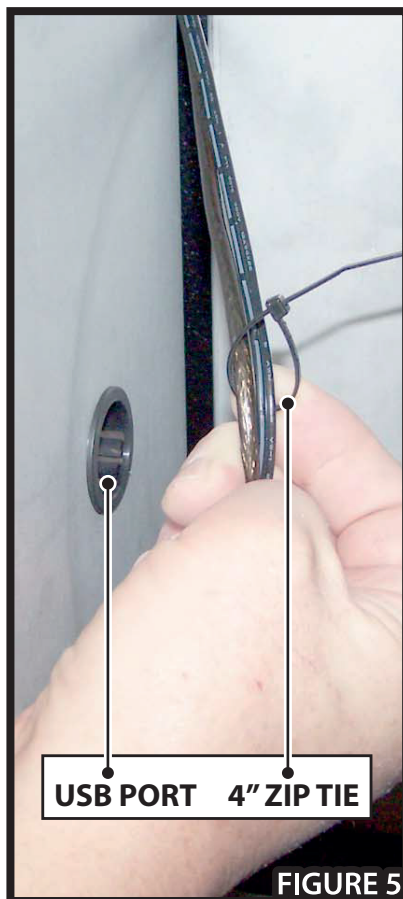
12. Gather connector cable across Ticket compartment and place another ¼" cable clamp on cables and secure to right interior Hood Mount screw and replace 6-32 nut. Before tightening screw, cables should be drawn snug between cable clamps to prevent or eliminate slack between the cable clamps. Tighten 6-32 nut.

13. In the Money compartment, gather cables and secure with one (1) 4" zip tie approx. 9" below the "Through Hole" or at USB port located on CPU cover. *Figure 5.*

14. Place another zip tie around the cables approx. 3" above the AC adapter power inlet box and tighten zip tie. Using caution not to cut or knick cables, with wire snips, cut excess zip tie length from both zip ties.

15. In Money compartment, plug AC adapter into auxiliary outlet and USB end of Printer Data Cable into USB port at CPU board. Tuck excess power cord and AC adapter power inlet box between lower interior partition and power inlet covers. *Figure 6.*
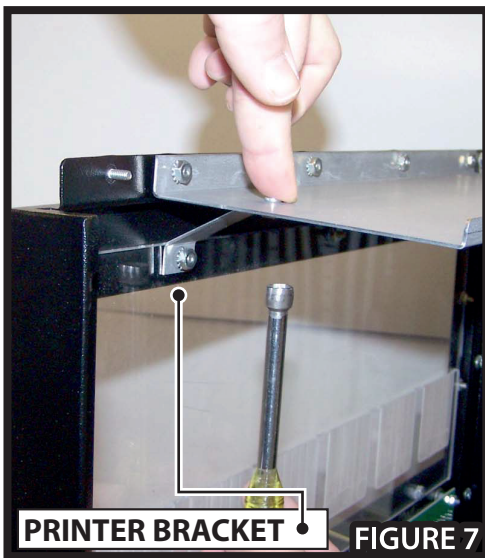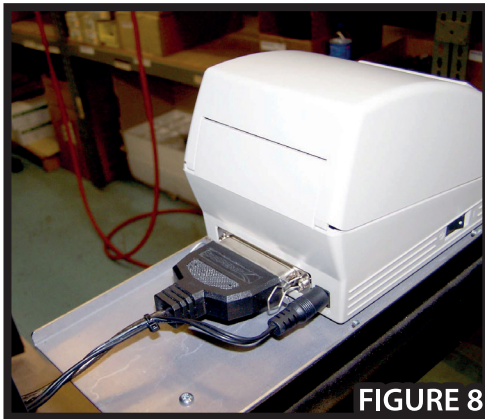
PRINTER BRACKET · **FIGURE 7**

FIGURE 8

16. On Vend Door, locate Printer Shelf mounting PEM screw (Figure 1) and place Printer Shelf on screws. Secure Printer Shelf in place with four (4) 6-32 nuts. Do not tighten at this time.

17. Position Printer Shelf Brackets under printer shelf. Align screw holes of Brackets with screw holes in shelf and secure with 6-32 x 1/4" screw and 6-32 nut. Do not tighten until both Brackets are secured to Printer Shelf. Once both Brackets are in place, tighten both nut/screw with 5/16" nut driver. *Figure 7.*

18. Tighten the two (2) 6-32 nuts where Brackets meet Vend Door window (Fig. 1). Tighten the four (4) 6-32 nuts across top of Printer Shelf (step 16 above).

19. Locate power switch on Thermal printer and set switch to "On" ("I" down). The Printer will not power up until power has been restored to vending machine. Do not restore power at this time. Place Thermal Printer on Printer Shelf and plug in parallel interface end of data cable to parallel port at rear of printer and secure connection with "port tabs" on printer. Plug in AC adapter cable connector (power end) into power connector at rear of printer. *Figure 8.*

20. Replace Bill Box to Bill Acceptor and restore power to machine (power up).

o The power indicator light should illuminate Green on the front of the Thermal Printer.

o When log in screen appears, enter personal ID (PIN) and follow Menu prompts.

o Press "D" on keypad to access Report Menus.

o Press "A" for "Inventory" or "Configuration" report.

o The report will print and the machines current set-up or configuration will appear on the printed report.

o For detailed explanation of available reports, refer to your Operator's Manual.

If after powering up your vending machine you receive the error message "No Printer Detected", unplug the machine and check the following:

A. Check cable connections are fastened properly.
B. Check the power switch on the printer is in the "On" position.
C. Check printer paper roll is positioned correctly in the printer unit. Plug vending machine in to power and retest.

For assistance, call the American Games Service Dept. toll free at 866.266.2946