Installing a New PLC Battery

If the red "Low Battery" indicator lights up on your Accu-Print™ control panel, open up the front doors on your control unit. If the red alarm indicator next to the PLC Switch is also lit, the battery will need to be replaced.

Call A.W.T. World Trade's Service Department at 800.444.PART (within the United States) or 773.725.4900 and order Part #GAO-51PLCB01. It is a stocked item and will generally take 2-3 days to receive.

CAUTION:

Do NOT remove the battery until you have the replacement battery in hand.

When changing the battery, Do NOT remove the machine from the power source.

However, you may turn the machine "off" using the control panel functions.

If the machine's power is removed, the data in the Programmable Logic Controller (PLC), located within the printer, may become either corrupted or erased.

If this occurs, you will need to ask your A.W.T./G.P.I. service technician for the "Reprogramming The PLC" technical information sheet which tells you how to download the data from the PLC program chip to the controller again.
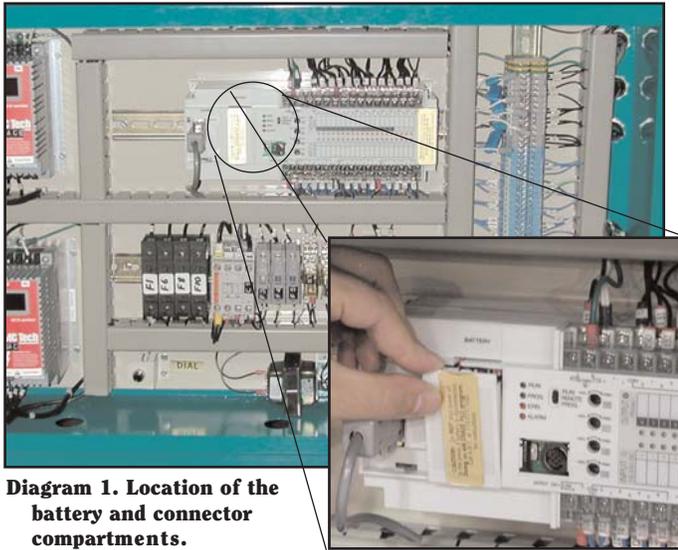

**Diagram 1. Location of the battery and connector compartments.**

INSTRUCTIONS

REMOVING THE BATTERY

1. Open the front doors on your control console. Locate the the battery and connector compartments. (See Diagram 1 for location.)
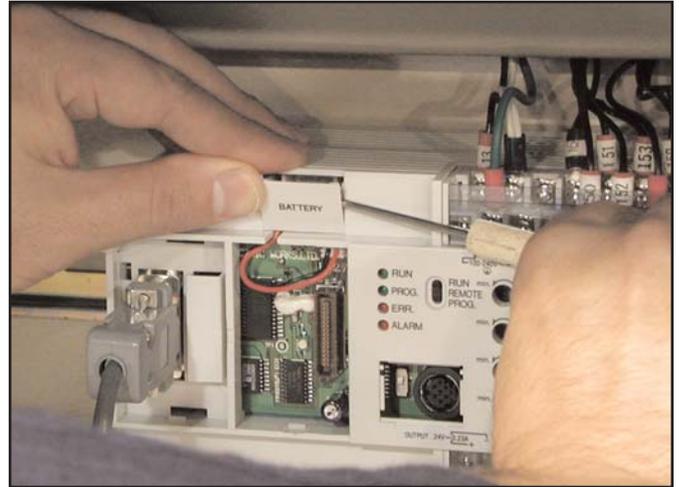
Diagram 2. Opening the cover of the battery compartment.

2. Using either your forefinger or a slotted screwdriver, pry open the top of the compartment over the connector. (See Diagram 1 inset.) Lift up to remove and then set it aside.

3. Using a slotted screwdriver, pry open the battery com partment door. (See Diagram 2). Lift up to remove and then set it aside.
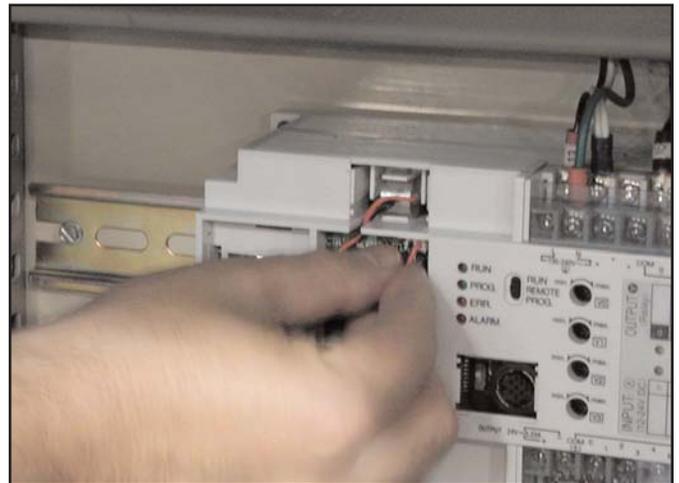
Diagram 3. Removing the connector.

4. Locate the battery's connector that is plugged into the console. The connector will be located at the other end of the two wires that extend from the battery. They will be in the upper right corner of the larger compartment underneath the battery.

5. Grasping the two wires as close to the connector as possible, gently move the connector side to side, pulling towards you at the same time. (See Diagram 3.) Once

you have removed the connector, lift the battery out of its compartment and discard properly according to local regulations.

INSTALLING THE NEW BATTERY

Diagram 4. Installing the battery.

1. Place the new battery in the battery compartment with the wires hanging downward, pressing the battery firmly into place. (See Diagram 4.).
2. Guide the wires into the slot at the bottom of the Battery Compartment. (See Diagram 5.)
3. Grasping the wires just below the white battery connector, align the battery connector with the circuit board connector, making sure the lipped edge of the battery connector is facing up.
4. Firmly push the battery connector into the circuit board connector's slot.
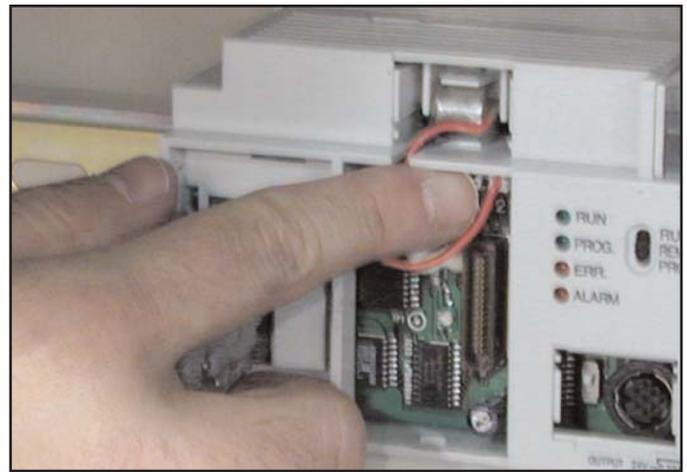
Diagram 5. Securing the battery wires.

5. Replace both the battery compartment and the connector compartment doors.

Diagram 6. Inserting the battery's electrical connector.

IMPORTANT!

If the power was accidentally disconnected from your unit, the battery power may have been totally drained. Check the battery using a standard voltmeter. If the battery is still good, it should register between 2.5 and 3 volts.

If your battery was drained, then it is also highly probably that your PLC Program and your modem configuration have both been erased. If this is the case, then the ERR LED indicator light will be on.

If your Program has been erased, you will need to order a MASTER MEMORY UNIT. This consists of two separate chips: the Eraser EPROM Chip (removes "fragmented pieces of your memory from the program), and the PLC Chip (reprograms your memory and reconfigures your modem).

To reorder this unit, call the A.W.T. Service Department at 800.444.PART (within the U.S.), or 773.725.4900 (outside the U.S.) and order both of the following items. Insert the Serial Number of your unit, found on the back of the unit.

QTY.	PART #
1	(*Serial Number of your Unit*)**NP**
1	(*Serial Number of your Unit*)**P**