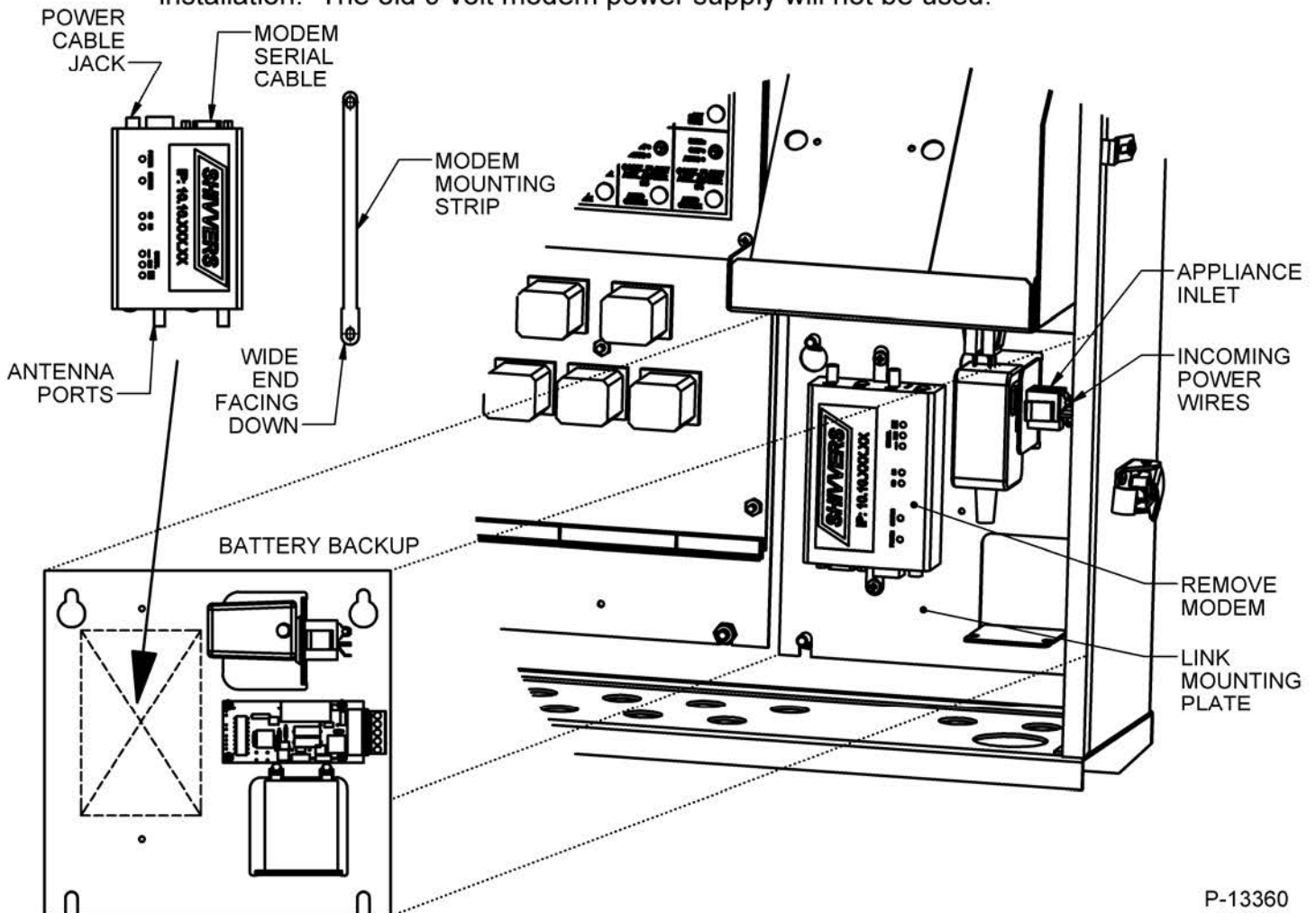![SHIVVERS logo]

INSTALLING BATTERY BACKUP FOR
COMMAND CENTER WITH SHIVVERS LINK
(641AS-001A)

⚠ **DANGER**   **MAKE SURE THE MAIN POWER IS DISCONNECTED AND LOCKED OFF! THIS MUST INCLUDE THE POWER TO THE FAN(S).**

1. After disconnecting and locking out power, unhook the antenna cables, serial cable, and power cable from the Modem in the lower right corner.
2. Disconnect the incoming power wires from the appliance inlet on the mounting plate.
3. Remove the Link mounting plate from the Command Center, by loosening the 4 nuts holding it in place and lifting up.
4. Remove the Modem from the old mounting plate.
5. Locate the Battery Backup Kit and install the Modem onto the new mounting plate, with the antenna ports facing down. The Modem Mounting Strip must have the wide end at the bottom. It may be required, that you pull the strip out of the bottom of the Modem and reinstall in the correct orientation for the Battery Backup installation. The old 9 volt modem power supply will not be used.

WIRING BATTERY BACKUP FOR
COMMAND CENTER WITH SHIVVERS LINK

⚠ DANGER

MAKE SURE THE MAIN POWER IS DISCONNECTED AND LOCKED OFF! THIS MUST INCLUDE THE POWER TO THE FAN(S).

6. Remove the cover plate over the bottom of the Plenum Control by removing the 2 screws holding it in place. SEE FIGURE 1.

7. Reconnect the Modem Serial Cable and Antennas (removed on Step 1 of the previous page).

8. Connect the Power Jack from the Battery Backup Harness to the top of the Modem.

9. Connect the three wires from the Battery Backup Serial Cable of the harness to the same spots on the 10 pole terminal at the bottom of the Plenum Board as the Printer Serial Cable and Modem Serial Cable (red at 5, black at 6, & shield at 7) **Leave all other Serial Cable wires connected. (There will be up to 3 wires in the terminals when done.)** SEE FIGURE 2.

10. Re-install the incoming power terminals (removed on Step 2 of the previous page) to the appliance inlet on the Battery Backup. SEE FIGURE 3.

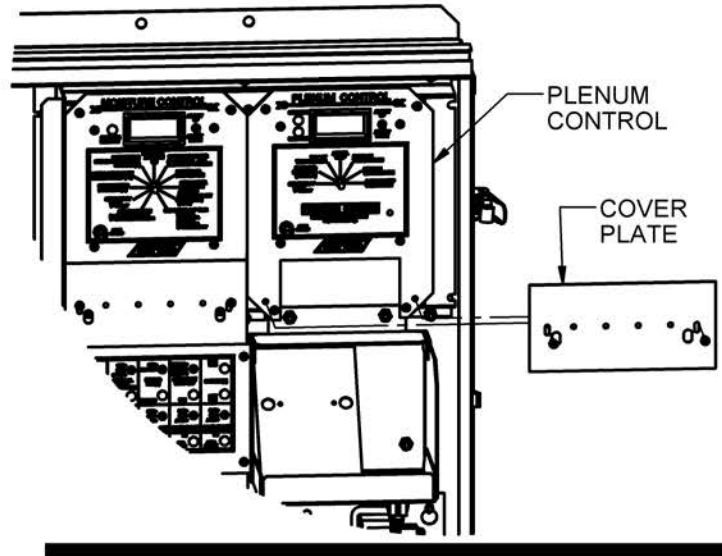11. Replace cover plate on bottom of Plenum Control.

FIGURE 1

PLENUM CONTROL

COVER PLATE

FIGURE 2

PLENUM CONTROL

RED
BLACK
SHIELD

THERE WILL ALSO BE A SERIAL CABLE TO THE PRINTER AND ONE TO THE MODEM IN THE SAME TERMINALS.

SERIAL CABLE TO BATTERY BACKUP
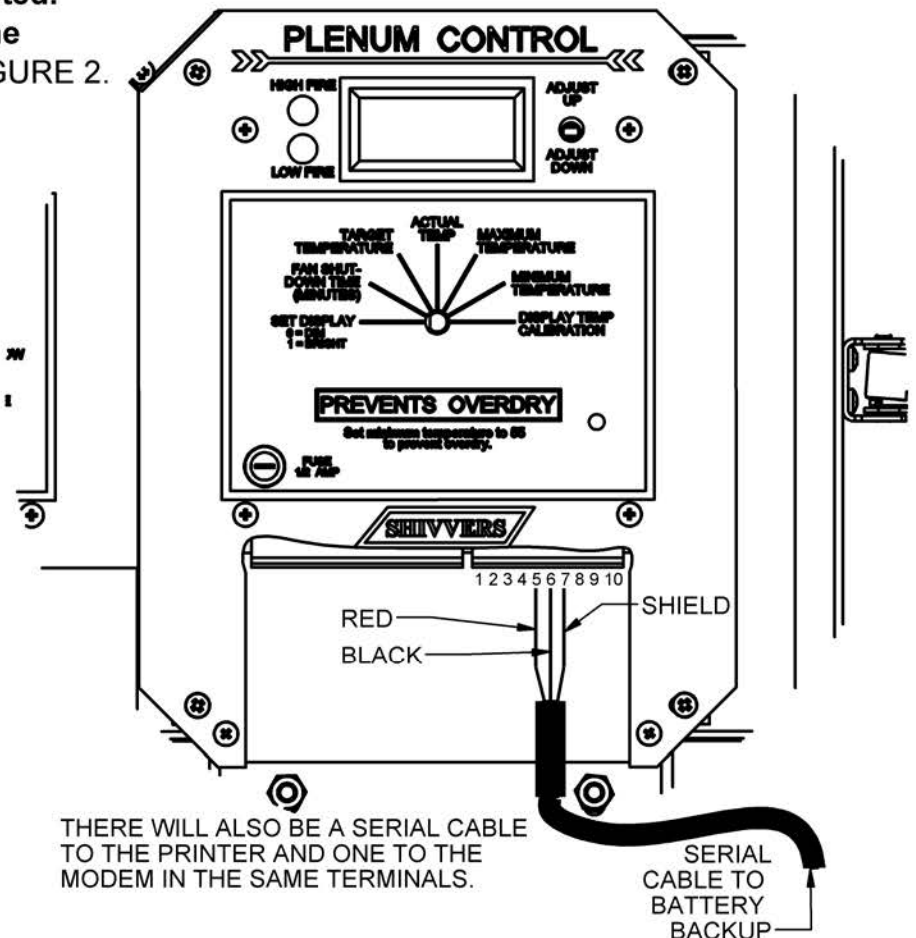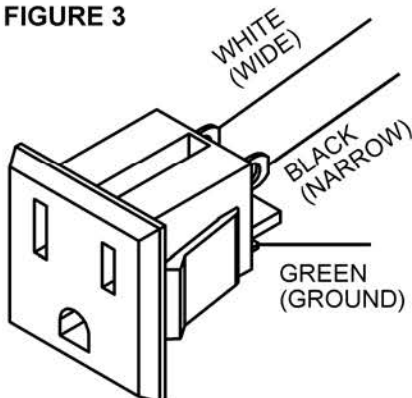
FIGURE 3

WHITE (WIDE)

BLACK (NARROW)

GREEN (GROUND)

TEST OPERATION OF BATTERY BACKUP

If the backup battery is discharged, it may be necessary to leave the Command Center Control Power on for several hours to charge the battery.

After the backup battery is charged, turn on the Command Center Control Power, if it isn't already on.

Wait for a few seconds then shut the Command Center Control Power off. The backup battery board will sense that power is lost. It will wait approximately 30 seconds and send an error message to the modem.

The modem will send the error message to Shivvers through a cellular connection. The Shivvers listener will read the message and generate a text message to users on the Link text list. The text will be:
Subject: Power Loss
Message: Modem has detected power loss. Check system power.

It may take several minutes to get the text message.

If Command Center Control Power is turned back on before the first 30 seconds elapses, the error message will not be sent.