



Installation Instructions

Product Name Here

The following terms are used throughout this document to bring attention to the presence of hazards of various risk levels, or to important information concerning use of the product

DANGER!!	Indicates the presence of a hazard that will cause severe personal injury, death, or substantial property damage if ignored .	Caution	Indicates the presence of a hazard that will or can cause minor personal injury or property damage if ignored .
WARNING!	Indicates the presence of a hazard that can cause severe personal injury, death, or substantial property damage if ignored .	Notice	Indicates special instructions on installation, operation, or maintenance that are important but not related to personal injury hazards.

CPT Fan Replacement

- 1 Lock out and tag out AC power to the CPT Controller at the electrical service panel.

WARNING!	Voltage stored in the capacitor bank of the CPT Controller presents a risk of POTENTIALLY LETHAL ELECTRICAL SHOCK EVEN AFTER THE POWER IS DISCONNECTED. After disconnecting the power, wait 5 minutes. Verify that the red Capacitor Charge LED on the Inverter board has gone out before servicing or removing the controller.
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- 2 *Record the location of each wire before disconnecting.* Incorrect wiring can cause catastrophic failure of the inverter board. Disconnect the AC input lines. Disconnect dispenser, transducer, pump, and alarm wiring (if applicable). See *figure 1*.
- 3 Disconnect the inverter plate ground wire from the chassis ground lug. Refer to *figure 1*.
- 4 Disconnect the ribbon cables from connector J5. (Refer to *figure 1*) Disconnect the network cable from connector J3 (if applicable).
- 5 Disconnect the tandem cable from the RS232 serial port (if applicable). (Refer to *figure 1*)
- 6 Remove the three mounting screws and cotter pin (retain screws). Remove the CPT Controller inverter board assembly from the enclosure.
- 7 Disconnect the fan power from connector (J2) on the inverter board. Refer to *figure 2*.
- 8 Remove the two mounting screws from the fan housing and retain. Remove the old fan. See *figure 2*.
- 9 Installation of the replacement fan is the reverse of removal.
- 10 Reinstall the inverter board assembly and secure with the three mounting screws.
- 11 Reconnect the ground wire from the inverter plate to the chassis ground lug.
- 12 Reconnect network cable to connector J3 (if necessary) and reconnect the tandem serial cable (if necessary).

For Technical Assistance Call:
1-800-777-2480

RE260-307 Rev B 06/99

Red Jacket/Marley Pump reserves the right to make design improvements and pricing modifications as necessary and without notice. Contact Red Jacket for information relevant to the operation of Red Jacket Equipment with equipment from other manufacturers

- 13 Reconnect the AC input and dispenser signal wiring by routing through the left front conduit, up through the clip and down to the proper connectors. (Refer to *figure 3*)
- 14 Route the pump wiring and transducer cable through the right rear conduit and reconnect to the proper terminals. See *figure 3*.
- 15 Recheck all wiring connections against the record of the original connections **BEFORE** applying power to the CPT Controller.

Installation Drawings:

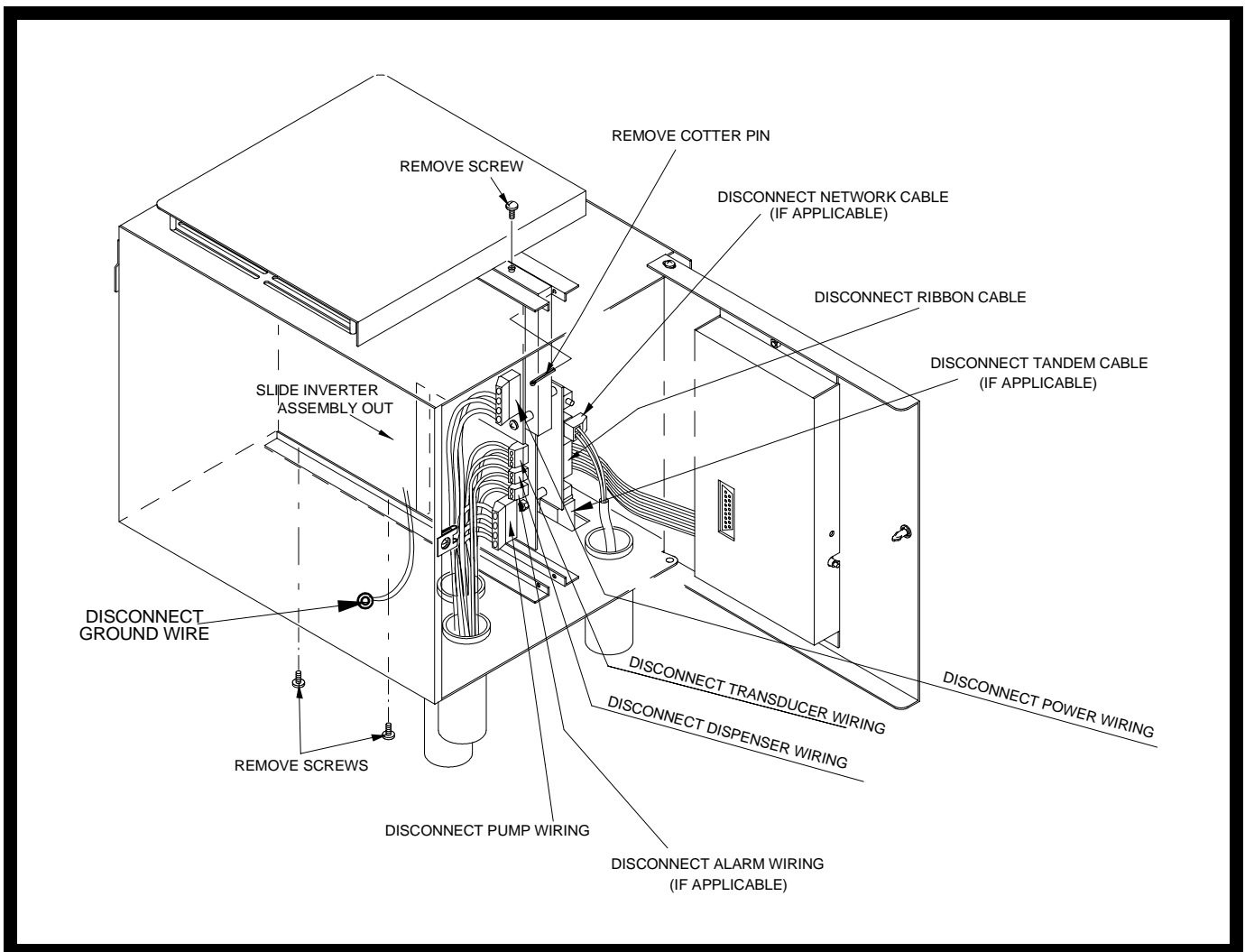


Figure 1 Disconnecting and removing the inverter assembly

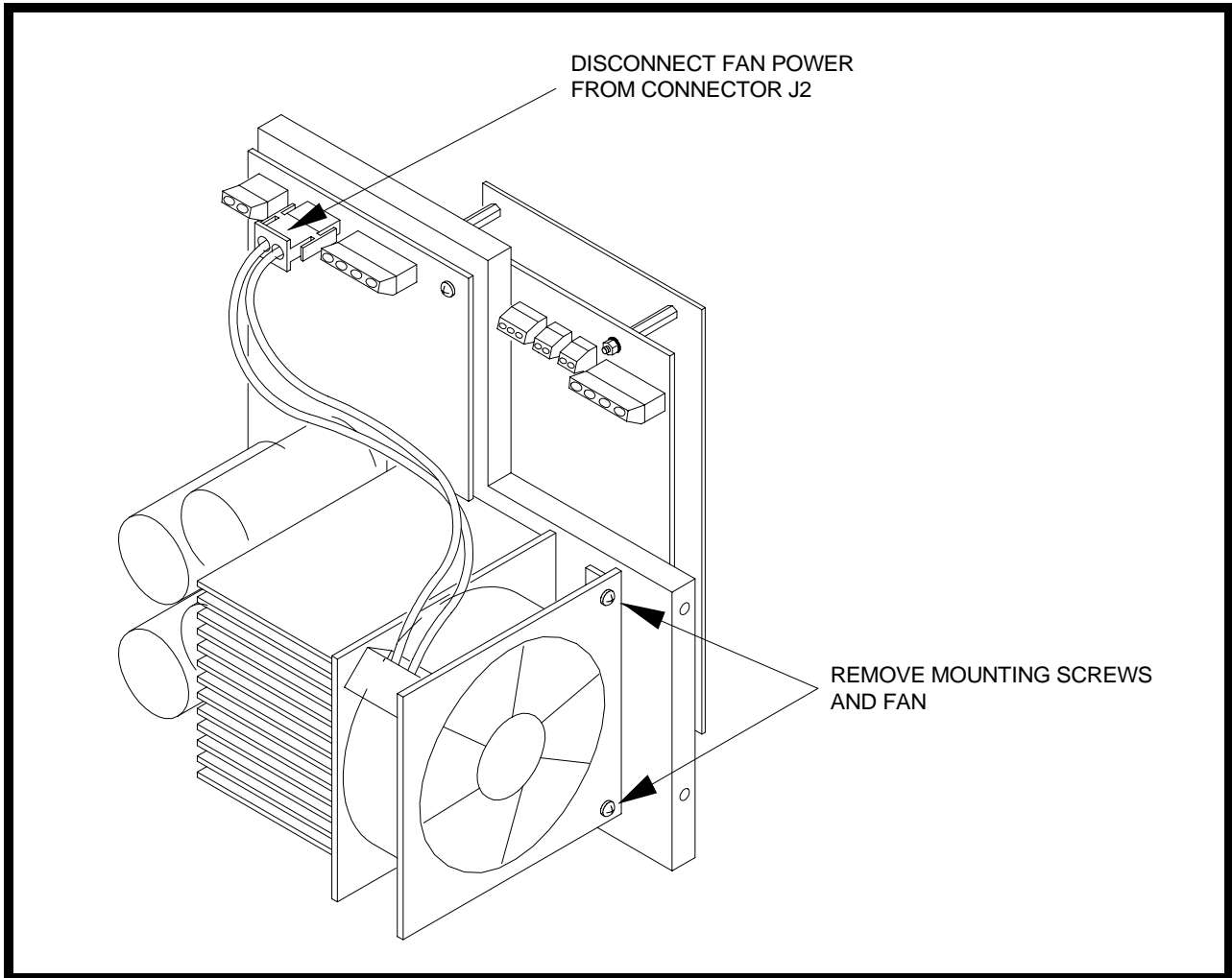


Figure 2 Removal of CPT Fan

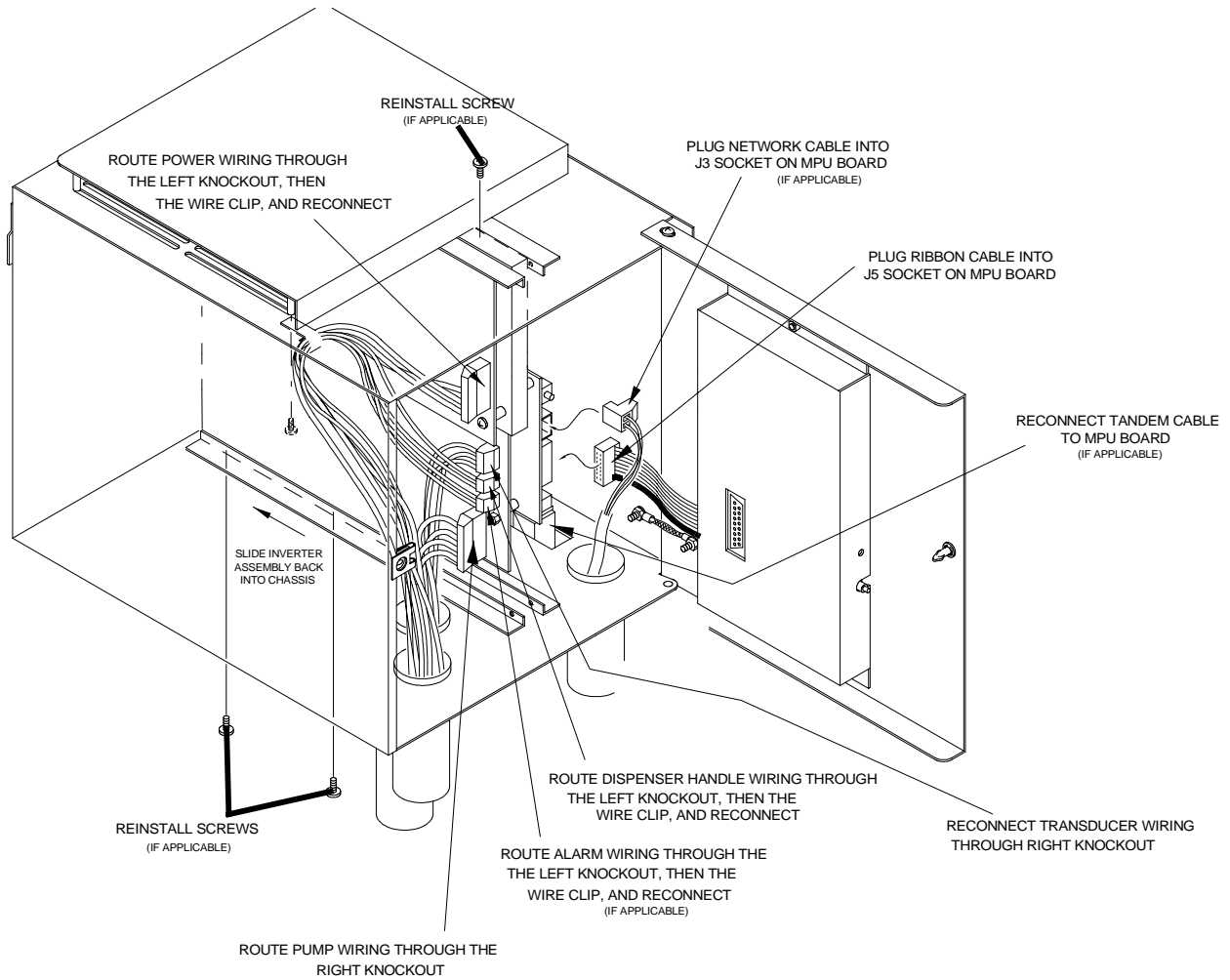


Figure 3 Reinstalling and reconnecting the inverter assembly