

INSTRUCTIONS



308-834

Rev. A



This manual contains important warnings and information.
READ AND KEEP FOR REFERENCE.

INSTRUCTIONS

First choice when quality counts.™

Circuit Board Kit

Part No. 240-436

Replacing the Circuit Board

WARNING



INJECTION HAZARD

To reduce the risk of an injury from injection, splashing fluid, or moving parts, follow the **Pressure Relief Procedure** on page 1 before checking or servicing the equipment.

1. Follow the **Pressure Relief Procedure**.

Pressure Relief Procedure

- a. Set the operator switch to standby.
- b. Shut off the control purge air.
- c. Shut off the air at the spray gun.
- d. Relieve fluid and air pressure at the component and solvent feed pumps or pressure pots, as explained in their separate instruction manuals.
- e. Set the operator switch to mix.
- f. Hold a metal part of the spray gun firmly to the side of a grounded metal pail, and trigger the gun to relieve fluid pressure.
- g. Set the operator switch to standby.
- a. If you suspect that the spray tip or hose is completely clogged or that pressure has not been fully relieved after following the steps above, very slowly loosen the hose end coupling and relieve pressure gradually, then loosen the coupling completely. Now clear the tip or hose obstruction.

2. Turn off the power to the control (air and/or electrical).

WARNING



ELECTRIC SHOCK HAZARD

To reduce the risk of electric shock, the air to the air driven power supply must be shut off before servicing the control. If an external power supply is used, make sure its power is turned off.

3. Put on the grounding strap provided.

CAUTION

Wear the grounding strap provided when servicing the control to avoid shorting out the circuit board.

4. Remove the control front cover (2). See Fig. 1, on the back page.
5. Loosen the two screws (21) from the control panel (63) to allow the panel to drop forward.

6. Disconnect the wire harnesses (94, 95) from the two circuit board connectors (AC).
7. Unscrew the four screws (63c) and remove the circuit board cover (AA).
8. Disconnect the ribbon cable (AB).
9. Unscrew the four hex standoffs (63b), and remove the circuit board (63a).
10. Secure the new circuit board (63a) to the panel with the hex standoffs (63b).
11. Connect the ribbon cable (AB) to the circuit board (63a).
12. Place the cover (AA) over the circuit board (63a), and secure it with the screws (63c).
13. Connect the wire harnesses (94, 95) to the two circuit board connectors (AC).
14. Close the panel (63); be sure not to crimp or pinch the wires. Secure the panel with the screws (21).
15. Install the front cover (2).

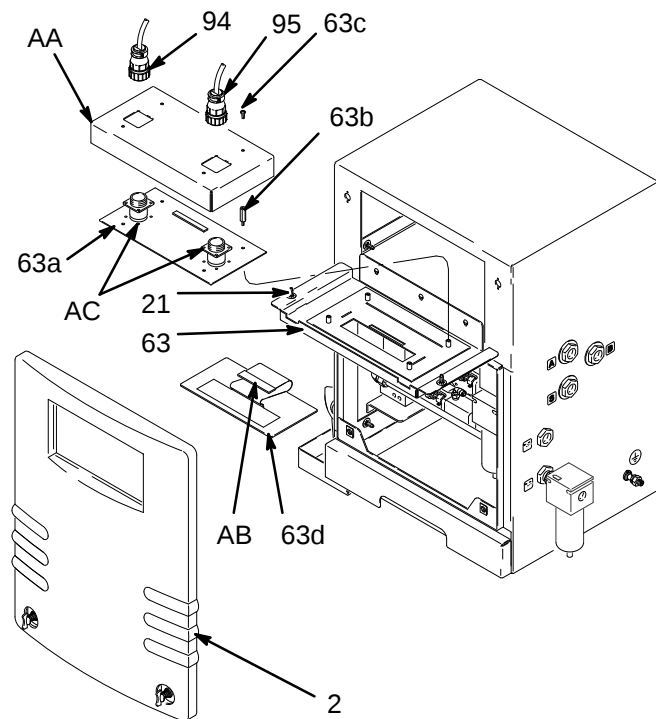


Fig. 1

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*All written and visual data contained in this document reflects the latest product information available at the time of publication.
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