

TITLE: EDGE LE/EDGE 2 Power Supply Replacement

Category: GERBER EDGE

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Summary: Replacing the power supply in the EDGE LE or EDGE 2

Replacing the power supply in the EDGE LE or EDGE 2

The original power supply is no longer available, so replacing with the power supply from the EDGE FX.

Parts List for Power Supply Kit = P83389A

Power Supply
Adapter Plate
Cooling Fan
Enable jumper
Four M4x10mm flat head cap screws
Four M4x8mm cap head screws

➤ To prepare the new power supply for installation

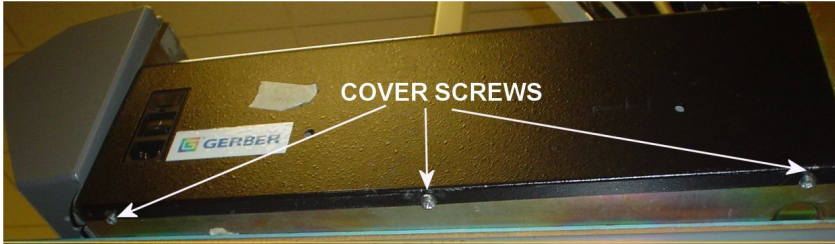
NOTE: TURN OFF and UNPLUG THE EDGE and be sure all power supplies have been discharged.

- 1 Mount Adapter plate to new power supply using four M4x10mm flat head screws.



➔ To prepare the power supply in the EDGE LE or EDGE 2

- 1 Open the top of the unit.
- 2 Loosen the three screws on the bottom of the unit securing the side cover (power switch side.)



- 3 Remove the side cover.
- 4 Remove the two M4 screws securing the airflow baffle to the power supply and remove the airflow baffle.



- 5 Disconnect the wires from the AC power terminal block.
- 6 Disconnect the wires from the DC terminals.
- 7 Remove the M4 button head screw from the power supply support bracket and two M4 screws from the bottom of the unit securing the power supply and remove the power supply.

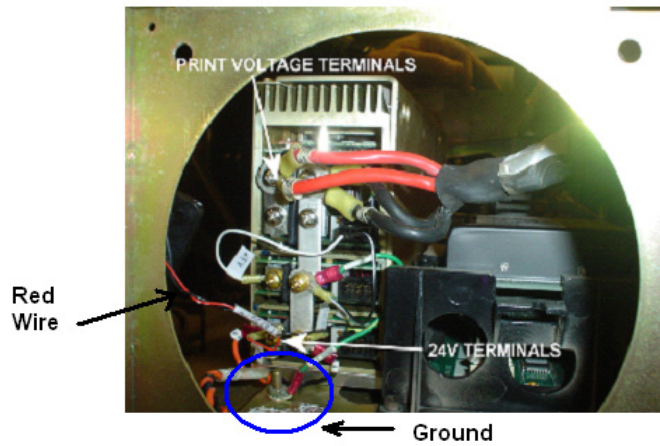
- 8** Remove the two M3 socket head screws securing the 40 OHM25W power resistor and remove the resistor.



- 9** Remove the four M4 flat head screws securing the cooling fan and remove the cooling fan.
10 Connect the AC input wires to the AC terminal block of power supply.



- 11** Connect the 24V wires to the 24V terminals of power supply.
12 Connect chassis ground jumper to the power supply.
13 Connect the print voltage wires to the power supply.



- 14** Secure the power supply with the four M4 x 8mm screws.
- 15** Install the new cooling fan and the fan guard with the fan in the same orientation as the old fan (airflow in) using the screws removed in step 9.