

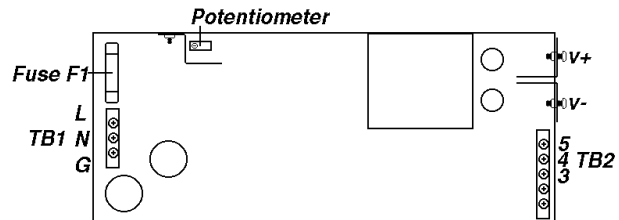
Adjusting the power supply voltage to the printhead

WARNING: When performing this procedure you must have the EDGE plugged in and turned on. Dangerous voltages exist in the power supply when the EDGE is turned on. Take extreme caution when performing this procedure to avoid injury or death.

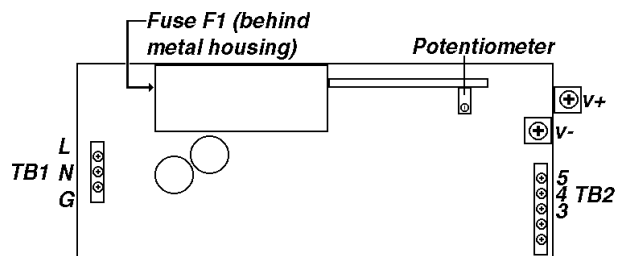
CAUTION: Static electricity is a serious threat to modern integrated circuits. Before reaching into the EDGE or handling any components, touch any bare metal of the chassis. This discharges any potentially harmful static electrical charge being carried.

The power supply is located behind the right side panel. Remove the side panel, then plug in and turn on the EDGE.

1. Use a volt meter to read voltage (VDC) across terminals V+ and V- and make a note of the reading.
2. Read the resistance on the printhead's manufacturing label.
3. Refer to the EDGE Power Supply Voltage Settings table on the next screen to determine the correct voltage setting for the printhead resistance. If the voltage measured at step 1 is not the correct voltage for the printhead resistance determined at step 2, adjust the potentiometer until the voltage is correct when read across terminals V+ and V-.
4. Turn off and unplug the EDGE and replace the right side panel.



Todd power supply



Deltron power supply

LE Power Supply Voltage Settings

Printhead resistance range	Correct VDC reading
1135 - 1139	17.9
1140 - 1152	18.0
1153 - 1165	18.1
1166 - 1178	18.2
1179 - 1192	18.3
1193 - 1205	18.4
1206 - 1218	18.5
1219 - 1232	18.6
1233 - 1246	18.7
1247 - 1259	18.8
1260 - 1273	18.9
1274 - 1287	19.0
1288 - 1301	19.1
1302 - 1315	19.2
1316 - 1329	19.3
1330 - 1343	19.4
1344 - 1357	19.5
1358 - 1372	19.6
1373 - 1386	19.7
1387 - 1400	19.8
1401 - 1415	19.9
1416 - 1430	20.0
1431 - 1444	20.1
1445 - 1459	20.2
1460 - 1474	20.3
1475 - 1489	20.4
1490 - 1504	20.5
1505 - 1519	20.6
1520 - 1534	20.7
1535 - 1549	20.8
1550 - 1564	20.9
1565 - 1580	21.0
1581 - 1595	21.1
1596 - 1611	21.2