

Power Supply Spark Test

Warning:

Risk of high voltage shock. The power supply generates voltages as high as 10,000 volts. A high voltage charge may continue to be present after the power has been turned off. This procedure is for technicians trained and experienced with high voltage.

High Voltage Test

1. Use screw drivers rated for high voltage.
2. Keep screw drivers grounded at all times.
3. Draw a spark by tapping the grounded screw driver to a high voltage terminal and slowly opening the gap and noting the maximum width where the sparking stopped.

The new electronic power supplies should only be spark tested at the output with caution not to spark any internal electronics. Using a jumper wire to ground the screw driver may make probing easier.

