

- (3) Select a programming resistance by multiplying the desired output voltage by 1000 (the programming constant is 1000 ohms per volt). A constant current of 1 milli-ampere will flow through this resistance, and its wattage rating should be chosen to minimize drift due to heating.
- (4) Connect the external programming resistance between the RV and S+ terminals using twisted, shielded wire. Connect the shield to the G (chassis ground) terminal to minimize output ripple.
- (5) Turn on the power source.

## CAUTION

IF THE REMOTE PROGRAMMING CONNECTIONS ARE OPENED WHILE THE SUPPLY IS OPERATING, THE OUTPUT VOLTAGE WILL RISE SLIGHTLY ABOVE THE SET VALUE. WHEN A SWITCH IS USED TO SELECT RESISTORS FOR OUTPUT VOLTAGE PROGRAMMING, IT SHOULD HAVE SHORTING TYPE CONTACTS TO AVOID VOLTAGE SPINES.

e. Current Limiting : The maximum output may be limited to a value below 500 milliamperes as follows:

- (1) Turn on the power source and set the meter switch to MA.
- (2) Depress the CURRENT LIMIT SET button and adjust the CURRENT LIMIT ADJ control until the meter indicates the maximum desired output current. Release the CURRENT LIMIT SET button.