



Here's the high voltage regulator section of a Stern SDU100 Module. I call this "Type 1" as it looks just like the Bally AS-2518-22. Be sure to note the polarity when you mount the large filter capacitor C26, the two transistors Q22 and Q23 and the diodes CR21 and VR1. Both diodes have a banded end that corresponds to the bar on the diagram printed on the circuit board. Also be sure to place the thermal insulator between Q21 and the heat sink, then with an ohm meter, be sure there is no continuity between the case of Q21 and the heat sink itself. You may have to dig your meter probe into the anodized finish of the heat sink to hit bare aluminum before you can make an accurate test.

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| Q21 – 2N3584 Transistor | Q22, Q23 – 2N3440 Transistor, heat sink on Q23 |
| CR21 – 1N4004 Rectifier | VR1 – 1N5275A Zener Diode |
| C26 – 150uF, 400 Volt Electrolytic Capacitor | |
| C27, C28 - .01uF, 630V Poly-Metal Capacitor | |
| RT1 – 25K Ohm, ½ Watt Trimmer Potentiometer | |
| R35 – 100K Ohm, 1 Watt Resistor (Brown/Black/Yellow) | |
| R51 – 22K Ohm, ½ Watt Resistor (Red/Red/Orange) | |
| R52 – 390 Ohm, ¼ Watt Resistor (Orange/White/Brown) | |
| R54 – 8.2K Ohm, ¼ Watt Resistor (Gray/Red/Red) | |
| R55 – 1.2K Ohm, ¼ Watt Resistor (Brown/Red/Red) | |
| R56 – 82K Ohm, ½ Watt Resistor (Gray/Red/Orange) | |
| F1 – 3/16 Amp, 8AG Fuse (1" x ¼") | |