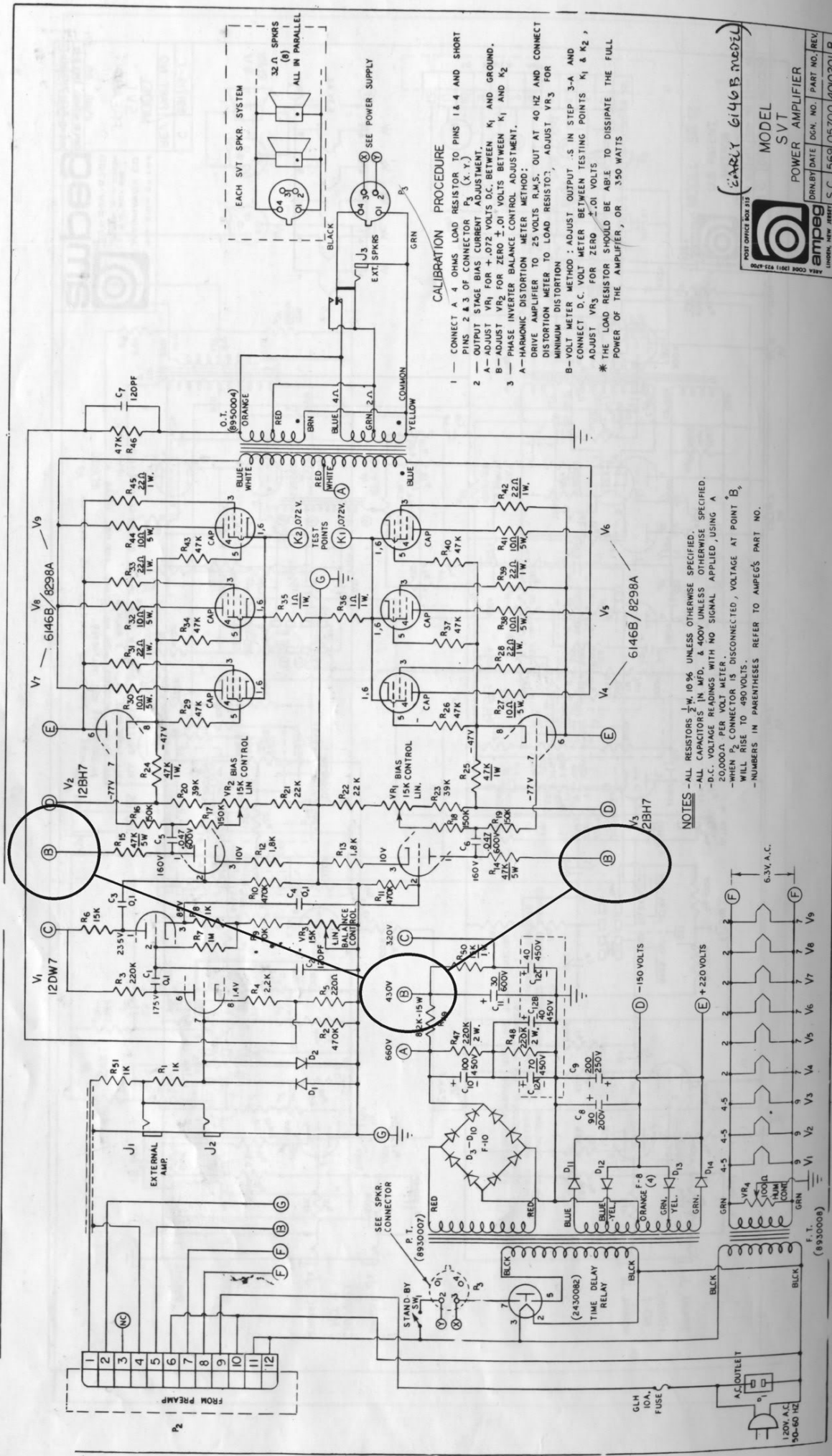




CALIBRATION PROCEDURE

- 1 — CONNECT A 4 OHMS LOAD RESISTOR TO PINS 1 & 4 AND SHORT PINS 2 & 3 OF CONNECTOR P₃ (X, Y)
- 2 — OUTPUT STAGE BIAS CURRENT ADJUSTMENT.
A — ADJUST VR₁ FOR +.072 VOLTS D.C. BETWEEN K₁ AND GROUND.
B — ADJUST VR₂ FOR ZERO ±.01 VOLTS BETWEEN K₁ AND K₂
- 3 — PHASE INVERTER BALANCE CONTROL METHOD:
A — HARMONIC DISTORTION METER METHOD:
DRIVE AMPLIFIER TO 25 VOLTS R.M.S. OUT AT 40 HZ AND CONNECT DISTORTION METER TO LOAD RESISTOR, ADJUST VR₃ FOR MINIMUM DISTORTION
B — VOLT METER METHOD: ADJUST OUTPUT .5 IN STEP 3-A AND CONNECT D.C. VOLT METER BETWEEN TESTING POINTS K₁ & K₂, ADJUST VR₃ FOR ZERO ±.01 VOLTS
* THE LOAD RESISTOR SHOULD BE ABLE TO DISSIPATE THE FULL POWER OF THE AMPLIFIER, OR 3.50 WATTS

- NOTES**
- ALL RESISTORS 1/2W, 10% UNLESS OTHERWISE SPECIFIED.
 - ALL CAPACITORS IN MFD. & 400V UNLESS OTHERWISE SPECIFIED.
 - D.C. VOLTAGE READINGS WITH NO SIGNAL APPLIED, USING A 20,000Ω PER VOLT METER.
 - WHEN P₂ CONNECTOR IS DISCONNECTED, VOLTAGE AT POINT B₁ WILL RISE TO 490 VOLTS.
 - NUMBERS IN PARENTHESES REFER TO AMPER'S PART NO.



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MODEL
SVT
POWER AMPLIFIER

DATE DCN. NO. PART NO. REV.

S.C. 569 05700 400201 B

EARLY 6146B MODEL