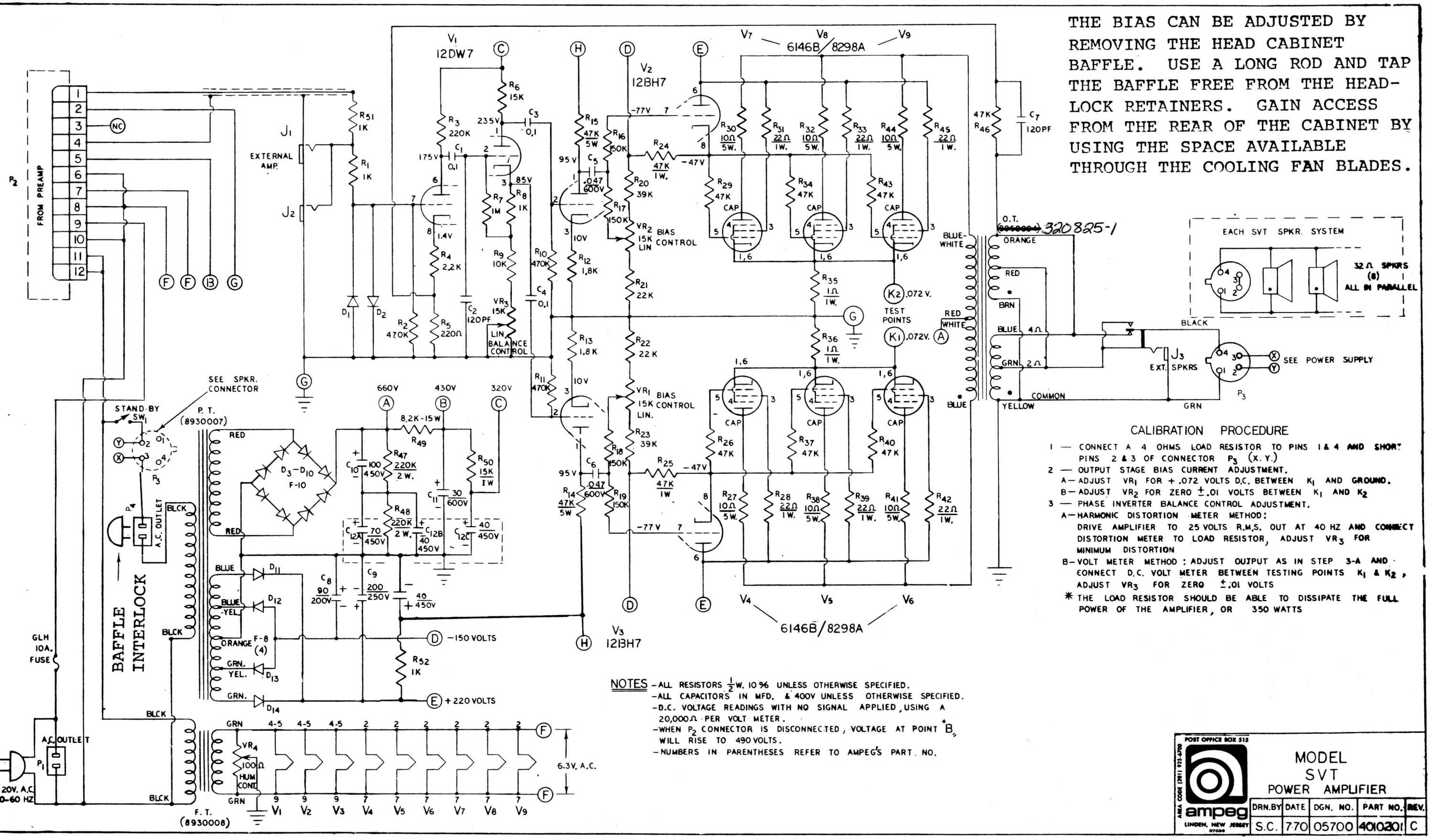
THE BIAS CAN BE ADJUSTED BY REMOVING THE HEAD CABINET BAFFLE. USE A LONG ROD AND TAP THE BAFFLE FREE FROM THE HEAD-LOCK RETAINERS. GAIN ACCESS FROM THE REAR OF THE CABINET BY USING THE SPACE AVAILABLE THROUGH THE COOLING FAN BLADES.



CALIBRATION PROCEDURE

1 — CONNECT A 4 OHMS LOAD RESISTOR TO PINS 1 & 4 AND SHORT PINS 2 & 3 OF CONNECTOR P_3 (X. Y.)

2 — OUTPUT STAGE BIAS CURRENT ADJUSTMENT.
- A — ADJUST VR_1 FOR + .072 VOLTS D.C. BETWEEN K_1 AND GROUND.
- B — ADJUST VR_2 FOR ZERO ± .01 VOLTS BETWEEN K_1 AND K_2

3 — PHASE INVERTER BALANCE CONTROL ADJUSTMENT.
- 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 VR_3 FOR MINIMUM DISTORTION
- B — VOLT METER METHOD : ADJUST OUTPUT AS IN STEP 3-A AND CONNECT D.C. VOLT METER BETWEEN TESTING POINTS K_1 & K_2, ADJUST VR_3 FOR ZERO ± .01 VOLTS

* THE LOAD RESISTOR SHOULD BE ABLE TO DISSIPATE THE FULL POWER OF THE AMPLIFIER, OR 350 WATTS

NOTES
- ALL RESISTORS ½W. 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 P_2 CONNECTOR IS DISCONNECTED, VOLTAGE AT POINT "B" WILL RISE TO 490 VOLTS.
- NUMBERS IN PARENTHESES REFER TO AMPEG'S PART. NO.

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ampeg
LINDEN, NEW JERSEY 07036

MODEL SVT POWER AMPLIFIER

DRN. BY	DATE	DGN. NO.	PART NO.	REV.
S.C.	7-70	05700	401020-1	C