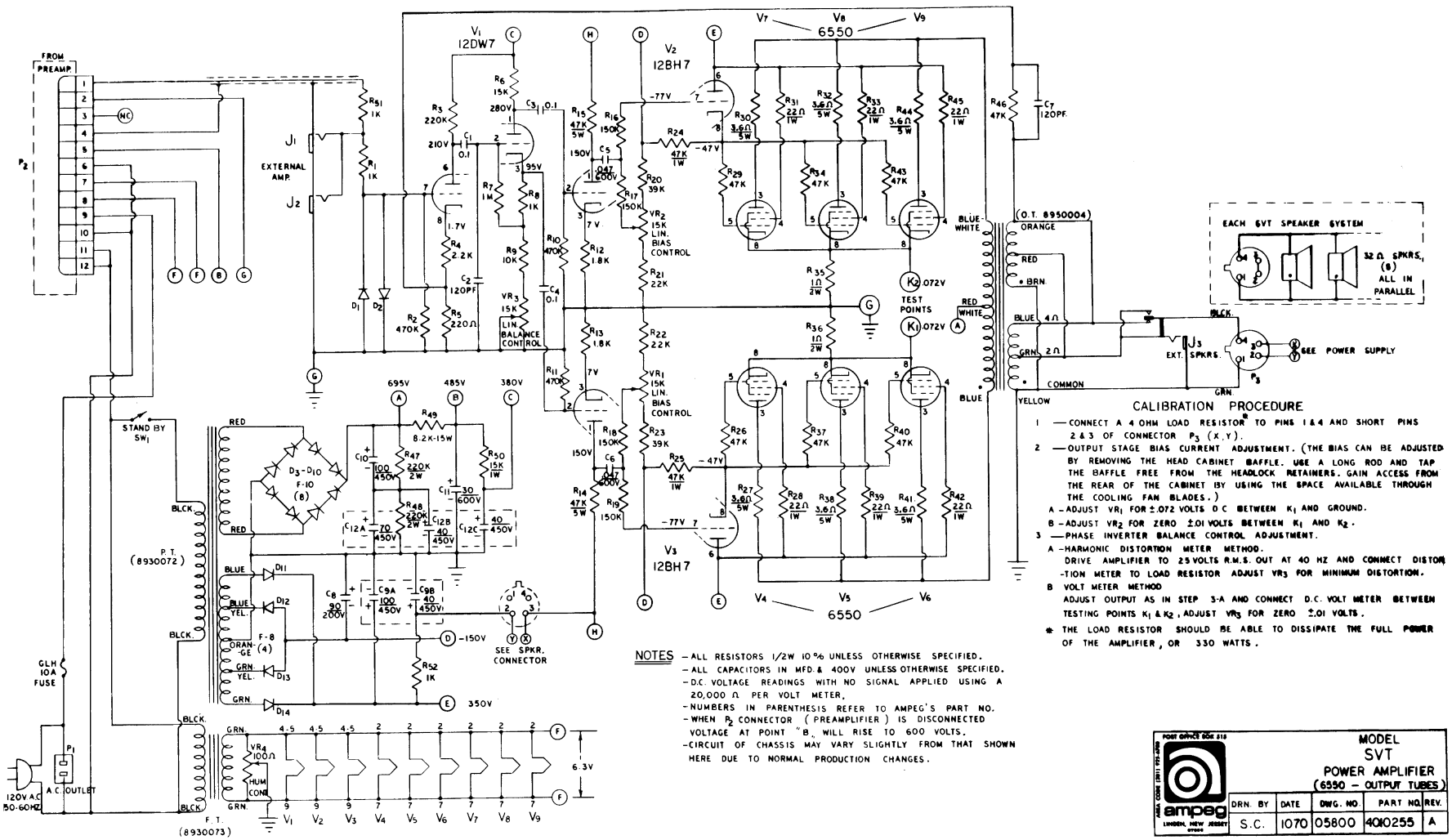
SVT **(REV A)**

Ampeg



CALIBRATION PROCEDURE

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

2 — OUTPUT STAGE BIAS CURRENT ADJUSTMENT. (THE BIAS CAN BE ADJUSTED BY REMOVING THE HEAD CABINET BAFFLE. USE A LONG ROD AND TAP THE BAFFLE FREE FROM THE HEADLOCK RETAINERS. GAIN ACCESS FROM THE REAR OF THE CABINET BY USING THE SPACE AVAILABLE THROUGH THE COOLING FAN BLADES.)

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 330 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 20,000 Ω PER VOLT METER.
- NUMBERS IN PARENTHESIS REFER TO AMPEG'S PART NO.
- WHEN P_2 CONNECTOR (PREAMPLIFIER) IS DISCONNECTED VOLTAGE AT POINT "B" WILL RISE TO 600 VOLTS.
- CIRCUIT OF CHASSIS MAY VARY SLIGHTLY FROM THAT SHOWN HERE DUE TO NORMAL PRODUCTION CHANGES.

ampeg LYNDEN, NEW JERSEY

MODEL
SVT
POWER AMPLIFIER
(6550 – OUTPUT TUBES)

DRN. BY	DATE	DWG. NO.	PART NO.	REV.
S.C.	1070	05800	4010255	A