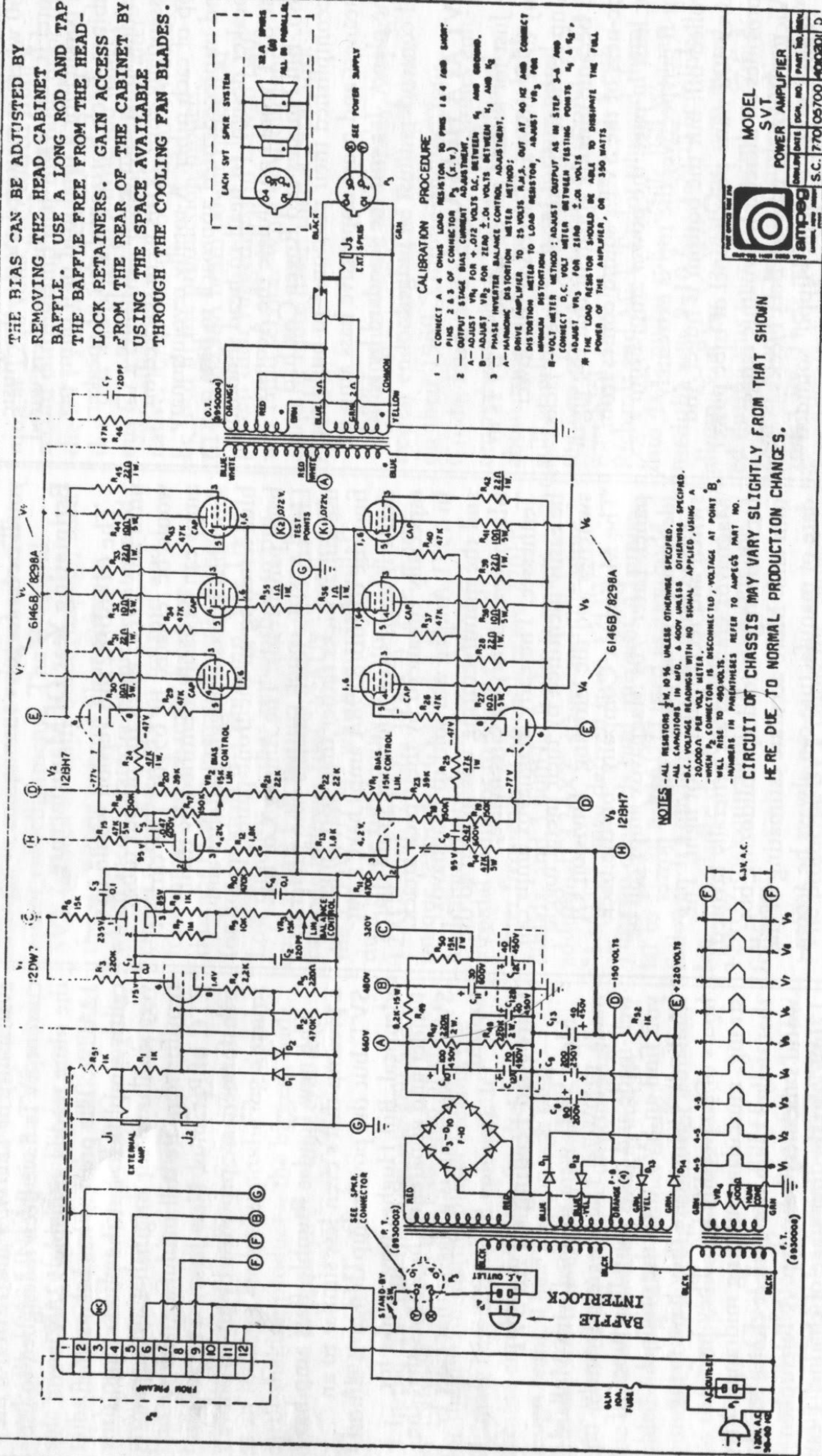


THE BIAS CAN BE ADJUSTED BY REMOVING THE HEAD CABINET BAFFLE. USE A LONG ROD AND TAP THE BAFFLE FREE FROM THE HEAD-LOCK RETAINERS. GAIN ACCESS FROM THE REAR OF THE CABINET BY USING THE SPACE AVAILABLE THROUGH THE COOLING FAN BLADES.



CALIBRATION PROCEDURE

- 1 - CONNECT A 4 OHM LOAD RESISTOR TO PINS 1 & 4 AND SHORT PINS 2 & 3 OF CONNECTOR P₃ (S.E.T.)
- 2 - OUTPUT STAGE BIAS CURRENT ADJUSTMENT:
A - ADJUST VR₄ FOR +.012 VOLTS D.C. BETWEEN P₁ AND GROUND.
B - ADJUST VR₂ FOR ZERO 2.0 VOLTS BETWEEN P₁ AND P₂
- 3 - PHASE INVERTER BALANCE CONTROL ADJUSTMENT:
A - MAXIMUM DISTORTION METER METHOD:
DRIVE AMPLIFIER TO 15 VOLTS R.M.S. OUT AT 40 KC AND CONNECT DISTORTION METER TO LOAD RESISTOR, ADJUST VR₃ FOR MAXIMUM DISTORTION
B - VOLT METER METHOD: ADJUST OUTPUT AS IN STEP 3-A AND CONNECT D.C. VOLT METER BETWEEN TESTING POINTS P₁ & P₂, ADJUST VR₃ FOR ZERO 2.0 VOLTS
- IF THE LOAD RESISTOR SHOULD BE ABLE TO DISRUPT THE FULL POWER OF THE AMPLIFIER, ON 350 WATTS

- NOTES**
- ALL RESISTORS 1/4 W. 10% UNLESS OTHERWISE SPECIFIED.
 - ALL CAPACITORS IN MFD. & 500V UNLESS OTHERWISE SPECIFIED.
 - D.C. VOLTAGE READINGS WITH NO SIGNAL APPLIED, USING A 20,000Ω PER VOLT METER.
 - WHEN P₃ CONNECTOR IS DISCONNECTED, VOLTAGE AT POINT B₁ WILL RISE TO 400 VOLTS.
 - NUMBERS IN PARENTHESES REFER TO AMPEREX PART NO.

CIRCUIT OF CHASSIS MAY VARY SLIGHTLY FROM THAT SHOWN HERE DUE TO NORMAL PRODUCTION CHANGES.

MODEL SVT

POWER AMPLIFIER

Amperex Corp. Inc.	Doc. No.	Part No.
S.C. 770	05700	400301 D