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 TEST POINTS 14 & 15 TO PINS 6 & 9 AND SHORT PINS 2 & 3 OF CONNECTOR PLX (K X 4).
2. OUTPUT STAGE BIAS CURRENT ADJUSTMENT.
   A. ADJUST VR5 FOR +0.72 VOLTS DC BETWEEN K7 AND GROUND.
   B. ADJUST VR6 FOR ZERO 0.6 VOLTS BETWEEN K7 AND K8.
3. PHASE INVERTER BALANCE CONTROL ADJUSTMENT.
   A. HARMONIC DISTORTION METER METHOD: DRIVE AMPLIFIER TO 25 VOLTS RMS, BUT AT 40 HZ AND CONNECT DISTORTION METER TO LOAD RESISTOR, ADJUST VR6 FOR MINIMUM DISTORTION.
   B. VOLT METER METHOD: ADJUST OUTPUT AS IN STEP 3A AND CONNECT D.C. VOLT METER BETWEEN TESTING POINTS K7 & K8, ADJUST VR7 FOR ZERO 2.0 VOLTS.

**NOTES:**
- ALL RESISTORS ±10.9%. UNLESS OTHERWISE SPECIFIED.
- ALL CAPACITORS IN MICROFARADS, UNLESS OTHERWISE SPECIFIED.
- D.C. VOLTAGE READINGS WITH NO SIGNAL APPLIED, USING A 20,000 OHM VOLT METER.
- WHEN PIN 3 CONNECTOR IS DISCONNECTED, VOLTAGE AT POINT B, WILL RISE TO 495 VOLTS.
- NUMBERS IN PARENTHESES REFER TO AMPEP'S PART NO.
Ampeg Super Valve Technology (SVT) Amplifier (R)
Pre-amp. Section 1972
Drawn By: Joe Piazza 7/14/96