

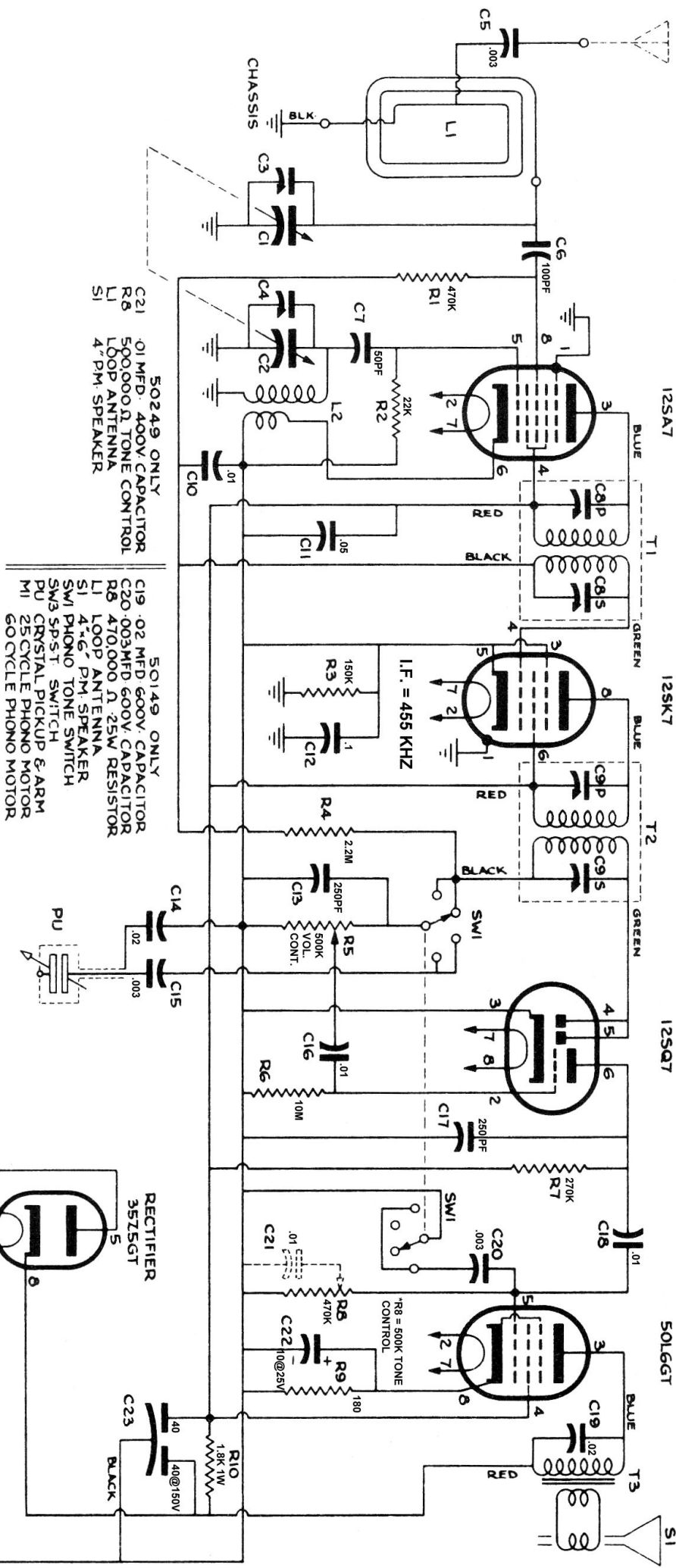
EXTERNAL ANTENNA

CONVERTER 12SA7

1-F. AMP. 12SK7

2ND DET.-A.V.C.- 6-1ST AUDIO 12SQ7

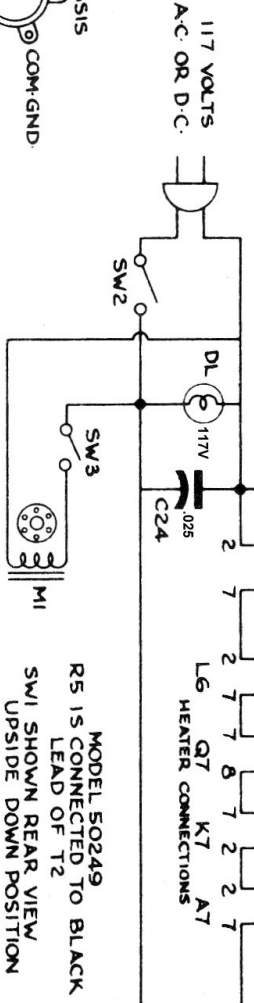
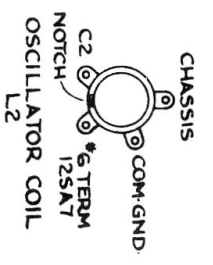
POWER AMP. 50L6GT



50249 ONLY
 C21 .01 MFD. 400V. CAPACITOR
 R8 500,000 OHM TONE CONTROL
 L1 LOOP ANTENNA
 S1 4" PM. SPEAKER

50149 ONLY
 C19 .02 MFD. 600V. CAPACITOR
 C20 .003MFD. 600V. CAPACITOR
 R8 470,000 OHM TONE CONTROL
 L1 LOOP ANTENNA
 S1 4" PM. SPEAKER
 SW3 PHONO TONE SWITCH
 PU CRYSTAL PICKUP & ARM
 M1 25 CYCLE PHONO MOTOR
 60 CYCLE PHONO MOTOR

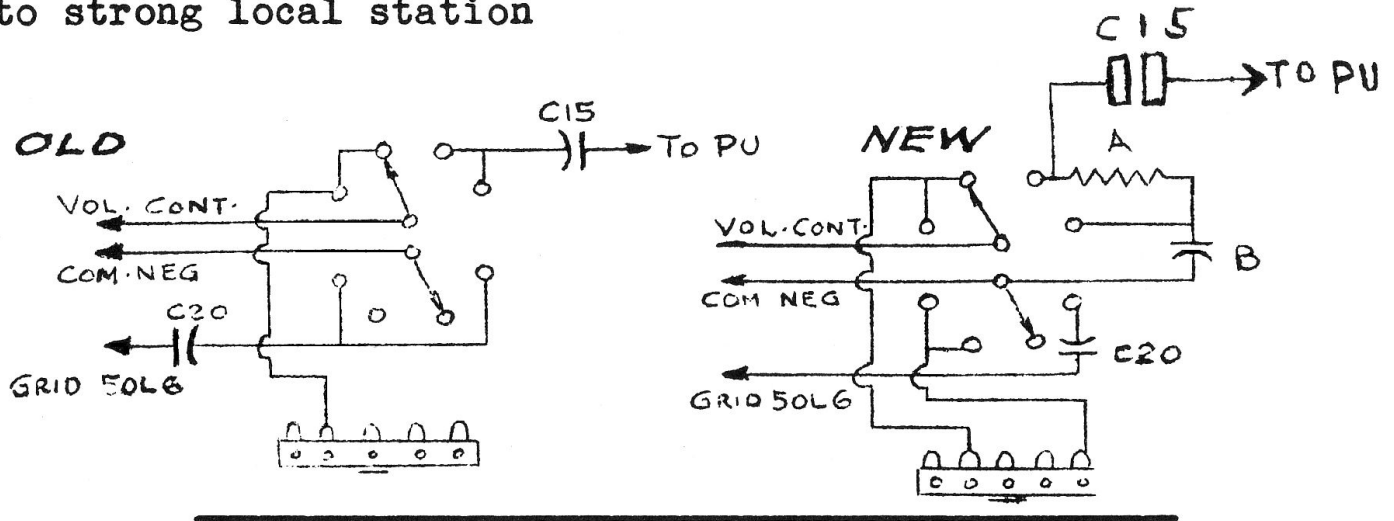
Sparton 50149KC, 50249K



MODEL 50249
 R5 IS CONNECTED TO BLACK LEAD OF T2
 SW1 SHOWN REAR VIEW UPSIDE DOWN POSITION

Sparton 50149KC, 50249K

Schematic change to Model 50149 KC to prevent interference on phono when set is left tuned to strong local station



ALIGNMENT DATA

- Adjust Signal Generator to 455 Kcs and connect to Antenna Post and Chassis -- dial at 1500 Kcs.
- Adjust I.F. Trimmer C9S and C9P on I.F. Transformer T2 for maximum output; then adjust Trimmer C8S and C8P on I.F. T1 for maximum output, using setting giving least regeneration and best tone quality.
- Adjust Signal Generator to 1500 Kc., Dial to 1500 Kc and adjust Trimmer C4 on V. Capacitor to bring Oscillator to 1500 Kcs.
- Adjust Trimmer C3 to maximum signal with Signal Generator disconnected from Ant. Terminal by about 4 inches, or on a station signal near 1500 Kc. (-20 Kc.)
- Note: Above adjustments must be made with Base Plate on bottom of chassis.

