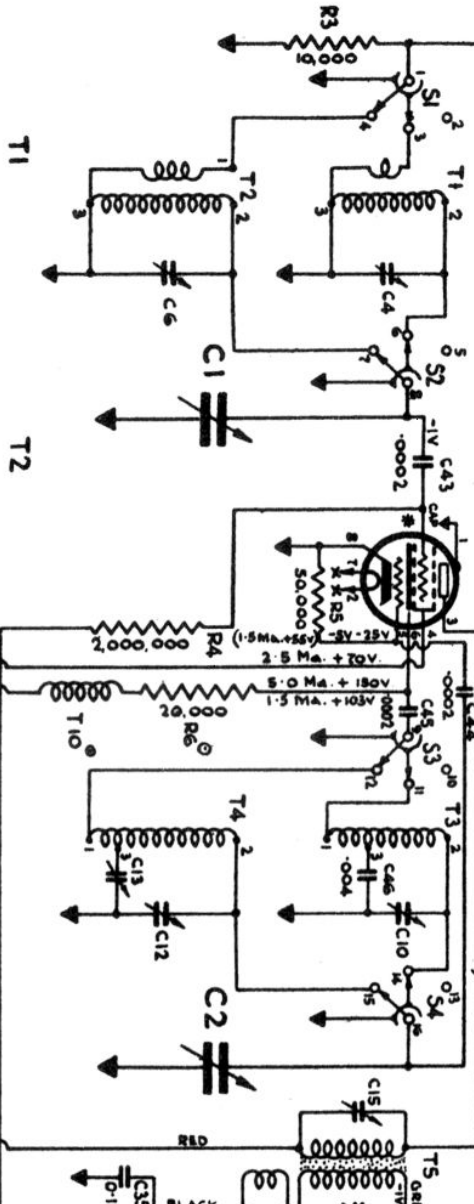
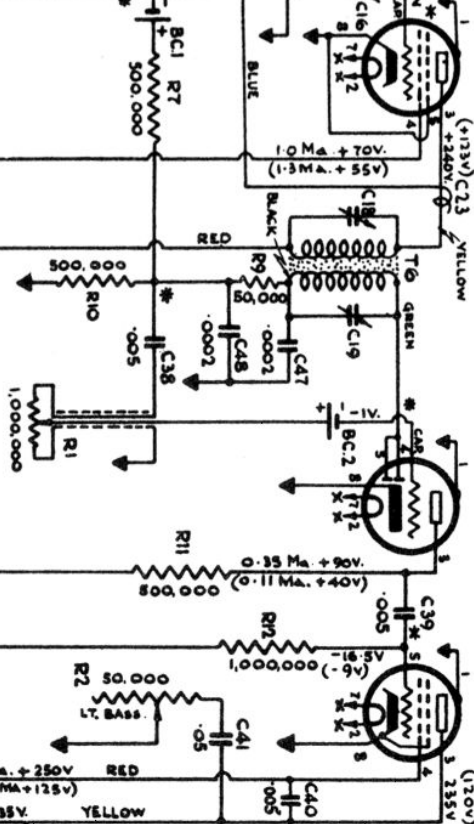


- C4 - 17,500 K.C. ANT. ALIGNING.
- C6 - 1,600 K.C. " "
- C10 - 17,500 K.C. OSC. ALIGNING.
- C12 - 1,600 K.C. " "
- C13 - 600 K.C. " SERIES ALIGN.
- C15 - 456 K.C. 1ST I.F. ALIGNING.
- C16 - 456 K.C. 1ST " "
- C18 - 456 K.C. 2ND I.F. ALIGNING.
- C19 - 456 K.C. 2ND " "
- C23 - 1ST I.F. NEUTRALIZING COND. (Transposed Leads)

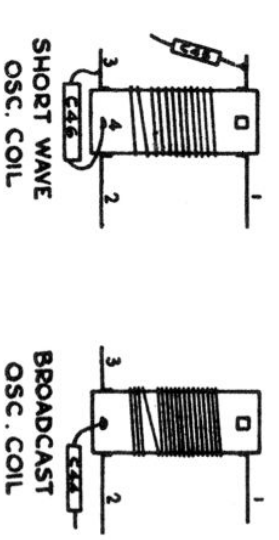
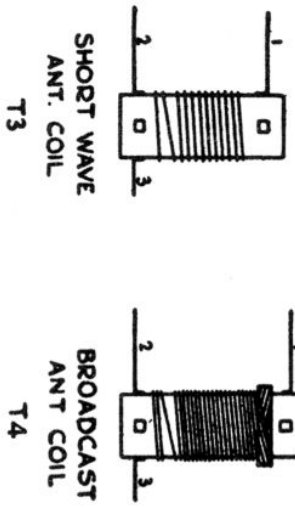
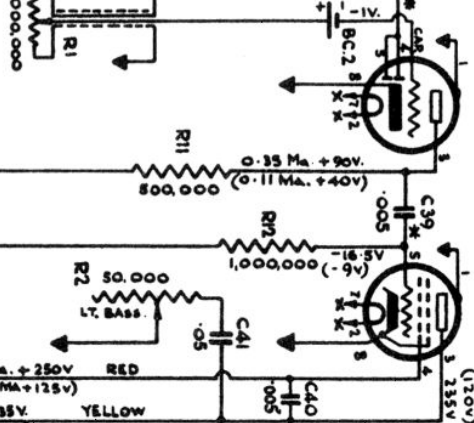
MODULATOR & OSCILLATOR GATM



1ST I.F. AMP. 6K7M

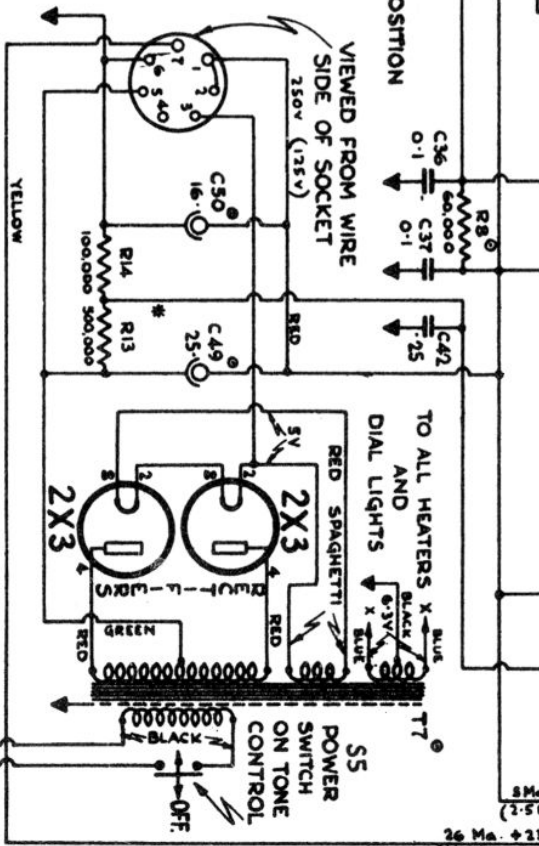


DIODE & 1ST AUDIO AMP. OUTPUT T5M 41M



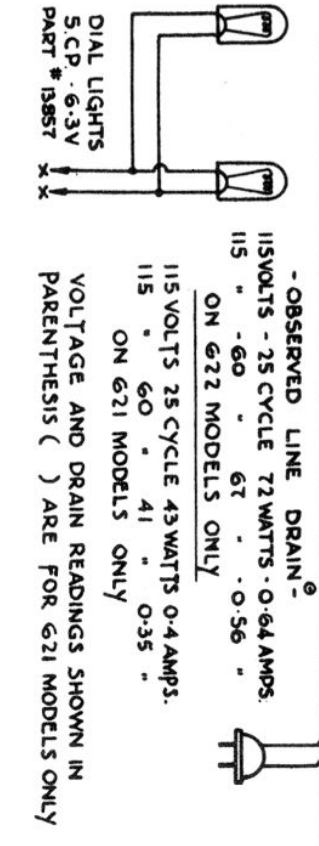
**Rogers 12-60, 12-60B
Majestic 760, 760B
De Forest "Erie" "Erie B"**

NOTE: ALL WAVE BAND SWITCHES ARE SHOWN IN BROADCAST BAND POSITION



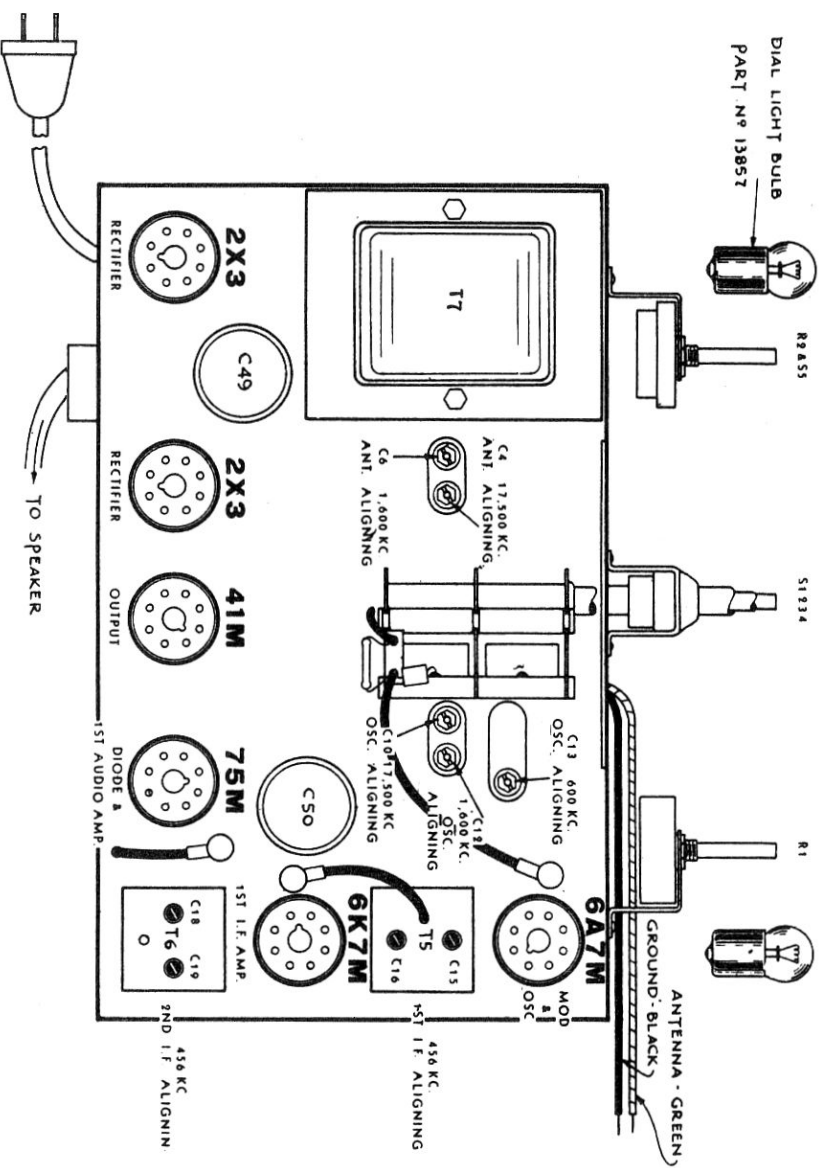
* VALUES OF RESISTANCE IN CIRCUIT DO NOT PERMIT OF ACCURATE VOLTAGE CHECK. USE PLATE CURRENT AS INDICATION OF PRESENCE OF CORRECT GRID & PLATE VOLTAGE.

VOLTAGE READINGS ARE BETWEEN POINTS SHOWN AND CHASSIS (GROUND) UNLESS OTHERWISE INDICATED.



- OBSERVED LINE DRAIN -
115 VOLTS - 25 CYCLE 72 WATTS - 0.64 AMPS.
115 " - 60 " 67 " 0.56 " ON 622 MODELS ONLY
115 VOLTS 25 CYCLE 43 WATTS 0.4 AMPS.
115 " 60 " 41 " 0.35 " ON 621 MODELS ONLY

VOLTAGE AND DRAIN READINGS SHOWN IN PARENTHESIS () ARE FOR 621 MODELS ONLY



Rogers 12-60, 12-60B Majestic 760, 760B De Forest "Erie", "Erie B"

ALIGNMENT —

Operation	Connection	Set Generator Tuning	Set Receiver Tuning	Band Switch Position	Dummy Antenna	Volume Control	Adjust	Remarks
1	To Grid Cap of 6A7M	456 kc/s.	700-800 kc/s.	Broadcast	.01 mfd.	Max.	(C19, C18) (C16, C15)	To Peak I. F.
2	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C12	To Peak Osc.
3	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C6	To Peak Ant.
4	To Antenna	600 kc/s.	600 kc/s.	Broadcast	.0002 mfd.	Max.	C13*	To Peak Osc.
5	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C12, C6	Recheck
6	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-Wave	400 ohms	Max.	C10	To Peak Osc.
7	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-Wave	400 ohms	Max.	C4	To Peak Ant.
8	Check I.F. neutralizing on signal in broadcast band. If insufficient increase by twisting leads (C23). If more than necessary, untwist (C23) slightly.							

NOTE:— Always use an output meter or other visual indicator when making alignment. Use only enough generator output to give readable value on output indicator. The resistors and condensers used as dummy antennae must be non-inductive types. *Rock tuning control during this adjustment. Always ground generator and receiver black (ground) connection.

