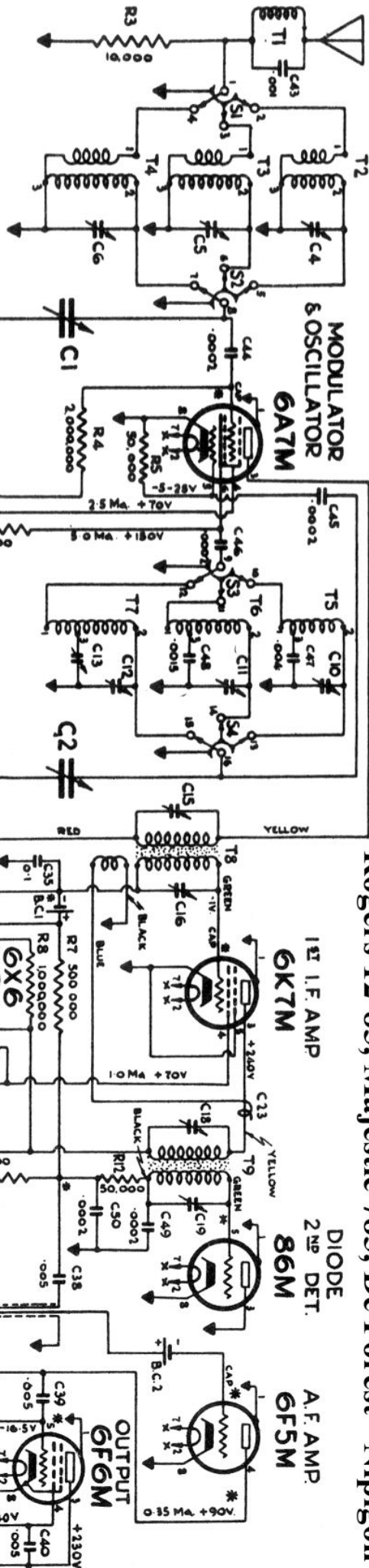
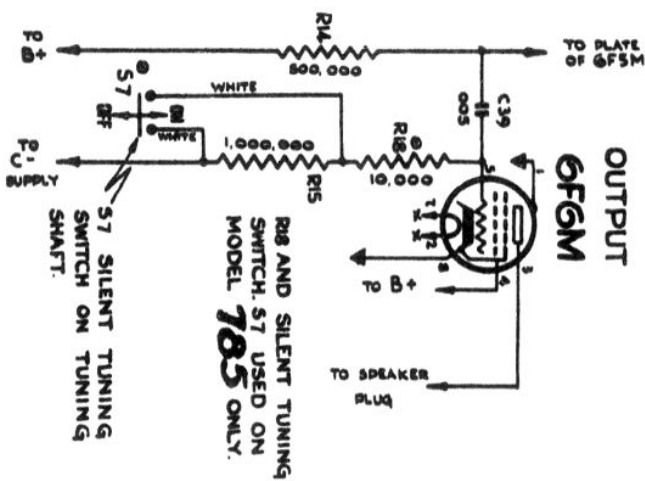


- C18 - 456 K.C. 2ND I.F. ALIGNING
C19 - 456 K.C. 2ND "
C23 - 1ST I.F. NEUTRALIZING COND.
(Transposed. Leads)

Rogers 12-85, Majestic 785, De Forest "Nipigon"



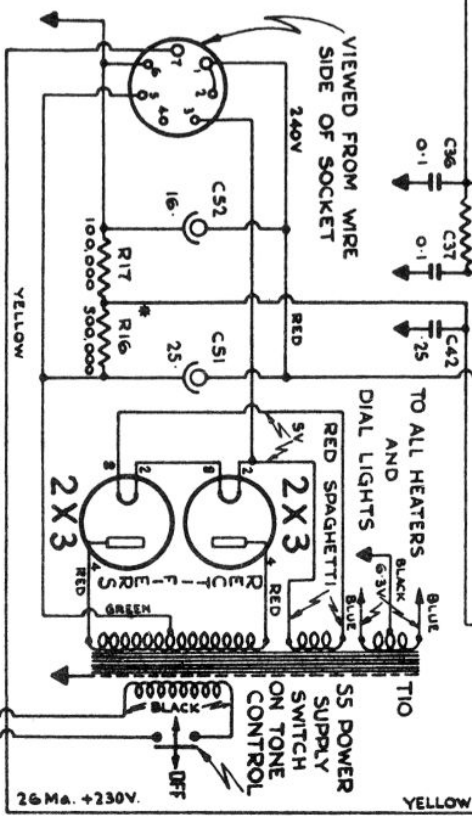
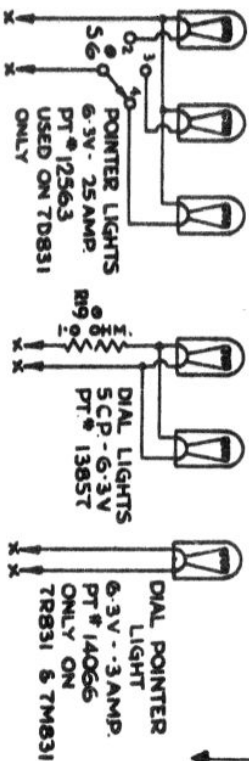
NOTE:- ALL WAVE BAND SWITCHES ARE SHOWN IN BROADCAST POSITION.



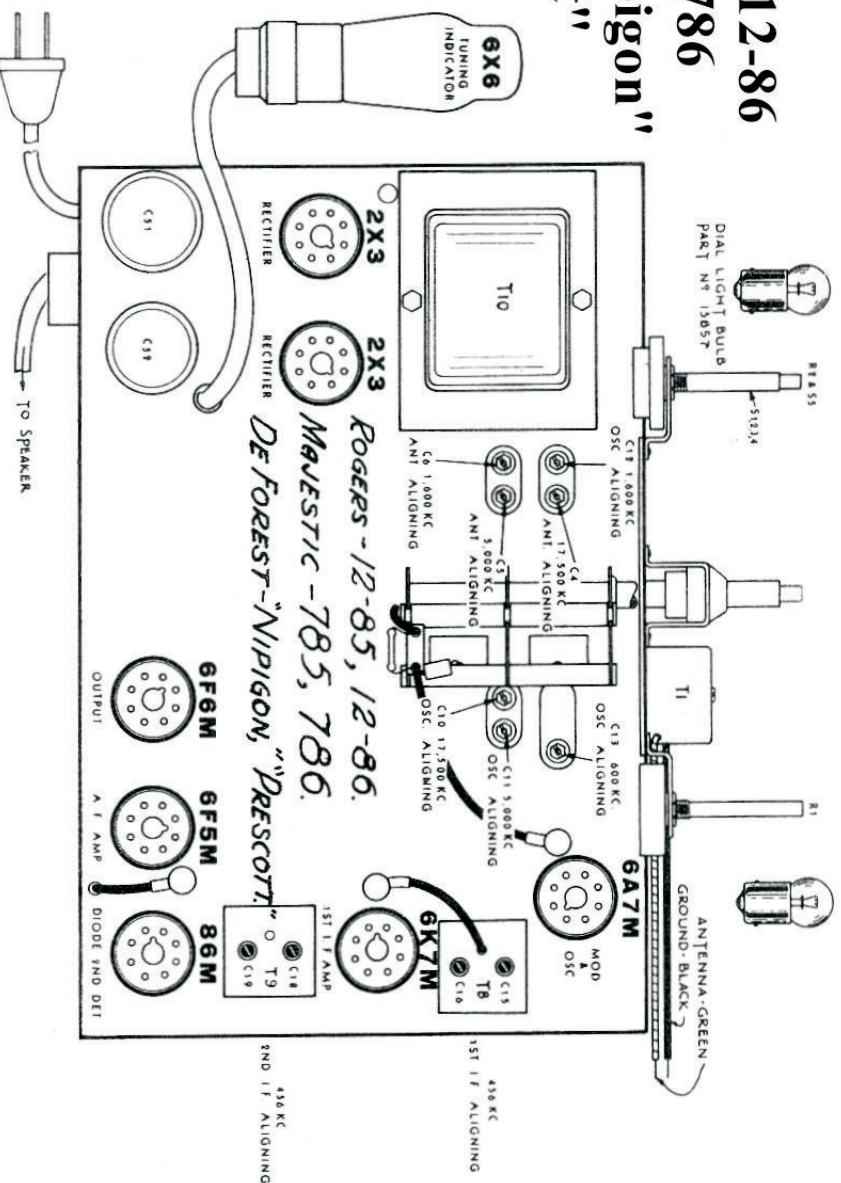
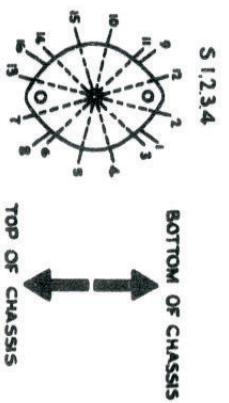
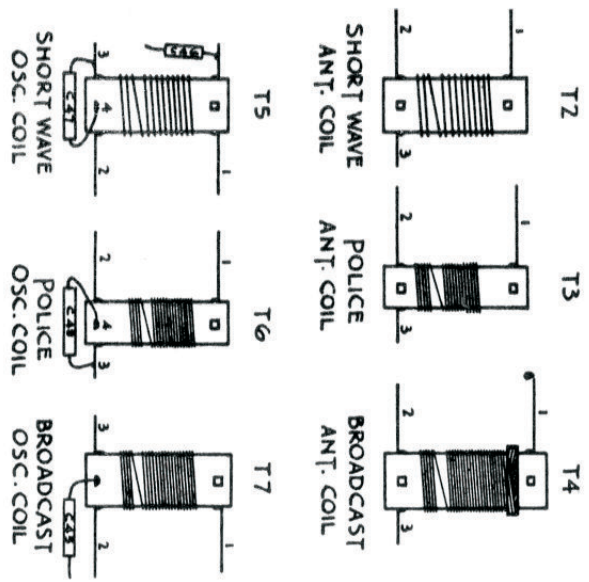
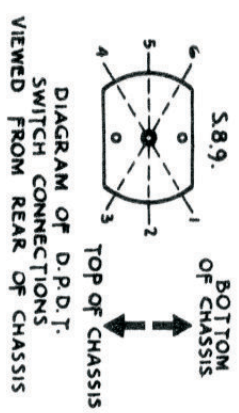
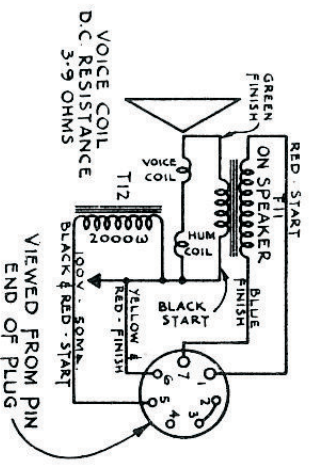
* VALUES OF RESISTANCE IN CIRCUIT DO NOT PERMIT OF ACCURATE VOLTAGE CHECK. USE PLATE CURRENT AS INDICATION OF CORRECT GRID AND PLATE VOLTAGE.

COLOR CODE FOR 6X6
2. WHITE 3. YELLOW 4. RED.
5. GREEN 6. BLUE 7. BLACK 8. BROWN

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



Rogers 12-85, 12-86 Majestic 785, 786 De Forest "Nipigon" & "Prescott"



Alignment

Operation	Connect Generator	Set Generator Tuning	Set Receiver Tuning (X)	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) To Peak I. F. (C16, C15)
2	To Antenna (Green)	1600 kc/s.	1600 kc/s.	Broadcast		.0002 mfd.	Max.	C12 To Peak Osc.
3	To Antenna (Green)	1600 kc/s.	1600 kc/s.	Broadcast		.0002 mfd.	Max.	C6 To Peak Ant.
4	To Antenna (Green)	600 kc/s.	600 kc/s.	Broadcast		.0002 mfd.	Max.	C13* To Peak Osc.
5	To Antenna (Green)	1600 kc/s.	1600 kc/s.	Broadcast		.0002 mfd.	Max.	C12, C6 Recheck
6	To Antenna (Green)	5.0 mc/s.	5.0 mc/s.	Police Amateur	400 ohms	Max.	C11	To Peak Osc.
7	To Antenna (Green)	5.0 mc/s.	5.0 mc/s.	Police Amateur	400 ohms	Max.	C5	To Peak Ant.
8	To Antenna (Green)	17.5 mc/s.	17.5 mc/s.	Short-wave	400 ohms	Max.	C10	To Peak Osc.
9	To Antenna (Green)	17.5 mc/s.	17.5 mc/s.	Short-wave	400 ohms	Max.	C4	To Peak Ant.
10	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. (X) On Automatic models, the selector dial must be in the Manual position at all times during primary alignment. The tuning indicator will assist in indicating maximum alignment.