

RF AMP.
6K7M

MODULATOR
6AT7M

I.F. AMP.
6K7M

DIODE
2ND. DET.
86M

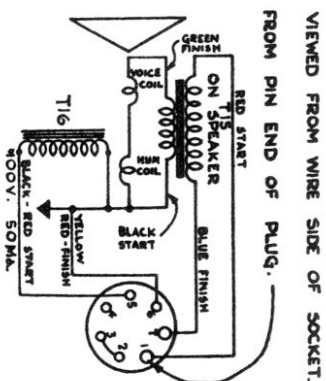
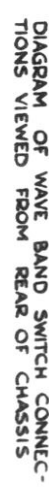
6X6
TUNING INDICATOR

Note: ALL WAVE BAND SWITCHES
VOLTAGE READINGS ARE BETWEEN POINTS
SHOWN AND CHASSIS (GROUND)

Color Code of 6X6
B + 250 VOLTS
+ 70V.

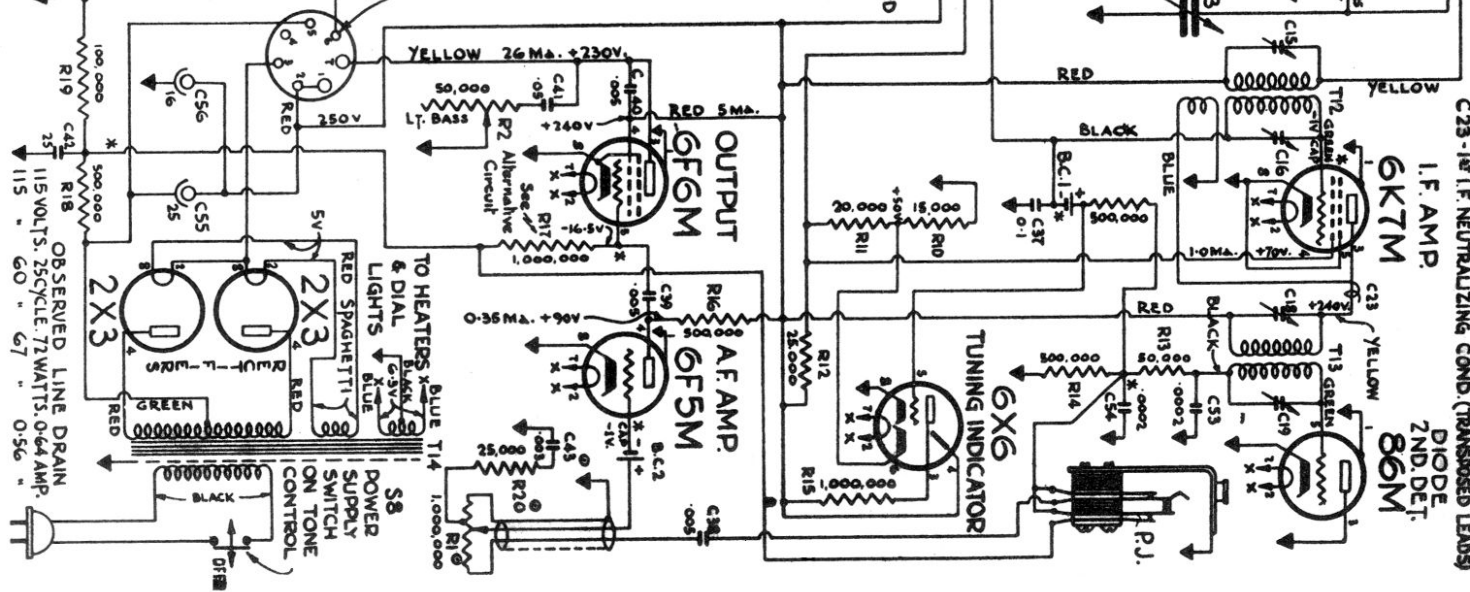
Components:
Resistors: R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14
Capacitors: C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16
Tubes: 6K7M, 6AT7M, 6X6, 86M
Other: PT. 1A156, RT, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13, T14, T15, T16, T17, T18, T19, T20, T21, T22, T23, T24, T25, T26, T27, T28, T29, T30, T31, T32, T33, T34, T35, T36, T37, T38, T39, T40, T41, T42, T43, T44, T45, T46, T47, T48, T49, T50, T51, T52, T53, T54, T55, T56, T57, T58, T59, T60, T61, T62, T63, T64, T65, T66, T67, T68, T69, T70, T71, T72, T73, T74, T75, T76, T77, T78, T79, T80, T81, T82, T83, T84, T85, T86, T87, T88, T89, T90, T91, T92, T93, T94, T95, T96, T97, T98, T99, T100

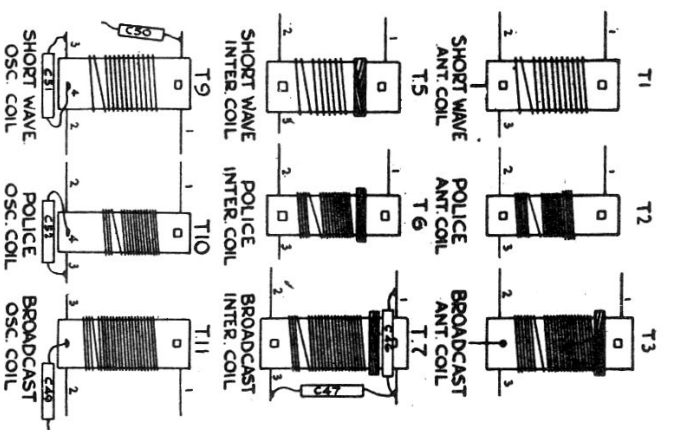
3 3/4" ±
 0.1" ↓ COLOR CODE OF 6X6
 2 WHITE - 3 YELLOW - 4 RED
 5 GREEN - 6 BLUE -
 7 BLACK - 8 BROWN



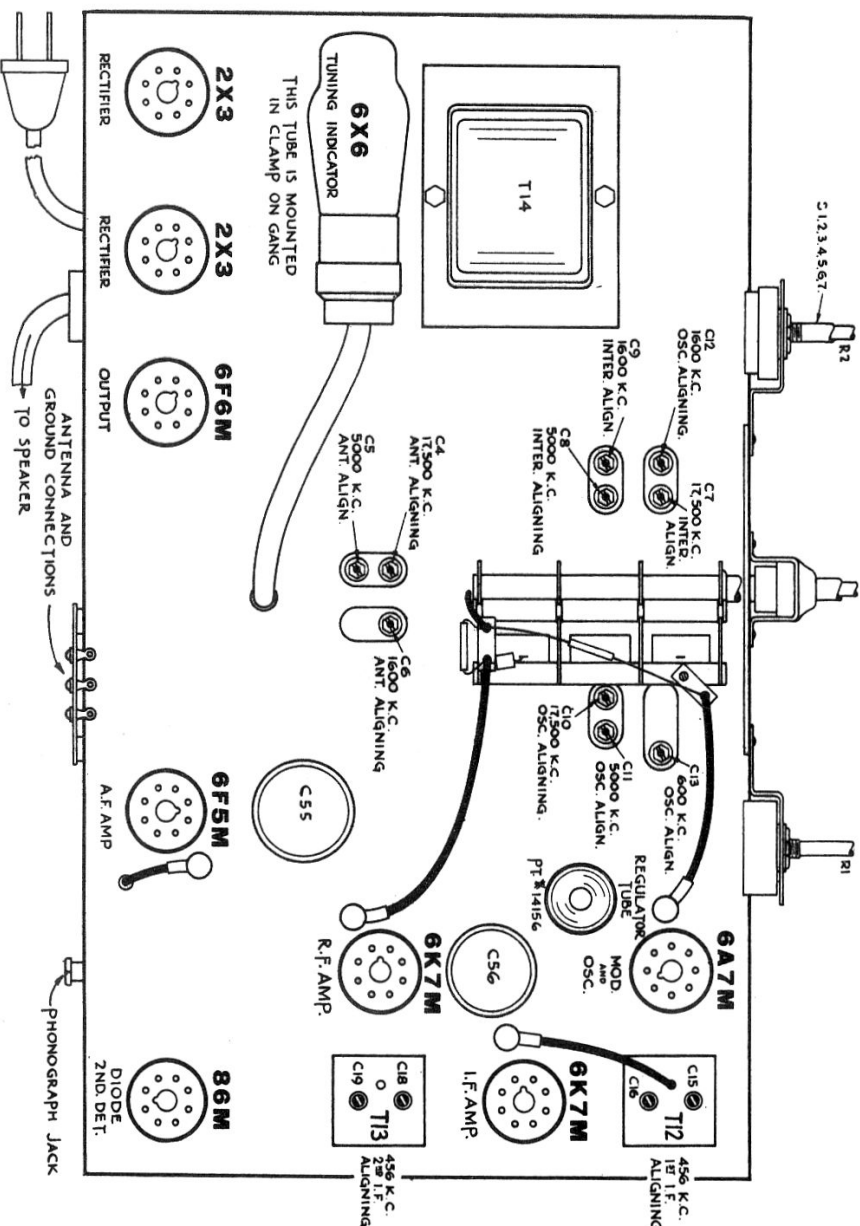
Rogers 12-95
Majestic 797, 7981
De Forest "Gaspe" "Belle Isle"

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





Rogers 12-95 Majestic 797, 7981 De Forest "Gaspe", "Belle Isle"



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	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.	C9	To Peak Interstage
4	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C6	To Peak Ant.
5	To Antenna	600 kc/s.	600 kc/s.	Broadcast	.0002 mfd.	Max.	C13*	To Peak Osc.
6	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C12	Recheck C12
7	To Antenna	5.0 mc/s.	5.0 mc/s.	Police Amateur	400 ohms	Max.	C11	To Peak Osc.
8	To Antenna	5.0 mc/s.	5.0 mc/s.	Police Amateur	400 ohms	Max.	C8	To Peak Interstage
9	To Antenna	5.0 mc/s.	5.0 mc/s.	Police Amateur	400 ohms	Max.	C5	To Peak Ant.
10	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-Wave	400 ohms	Max.	C10	To Peak Osc.
11	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-Wave	400 ohms	Max.	C7	To Peak Interstage
12	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-Wave	400 ohms	Max.	C4	To Peak Ant.
13								

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 (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.