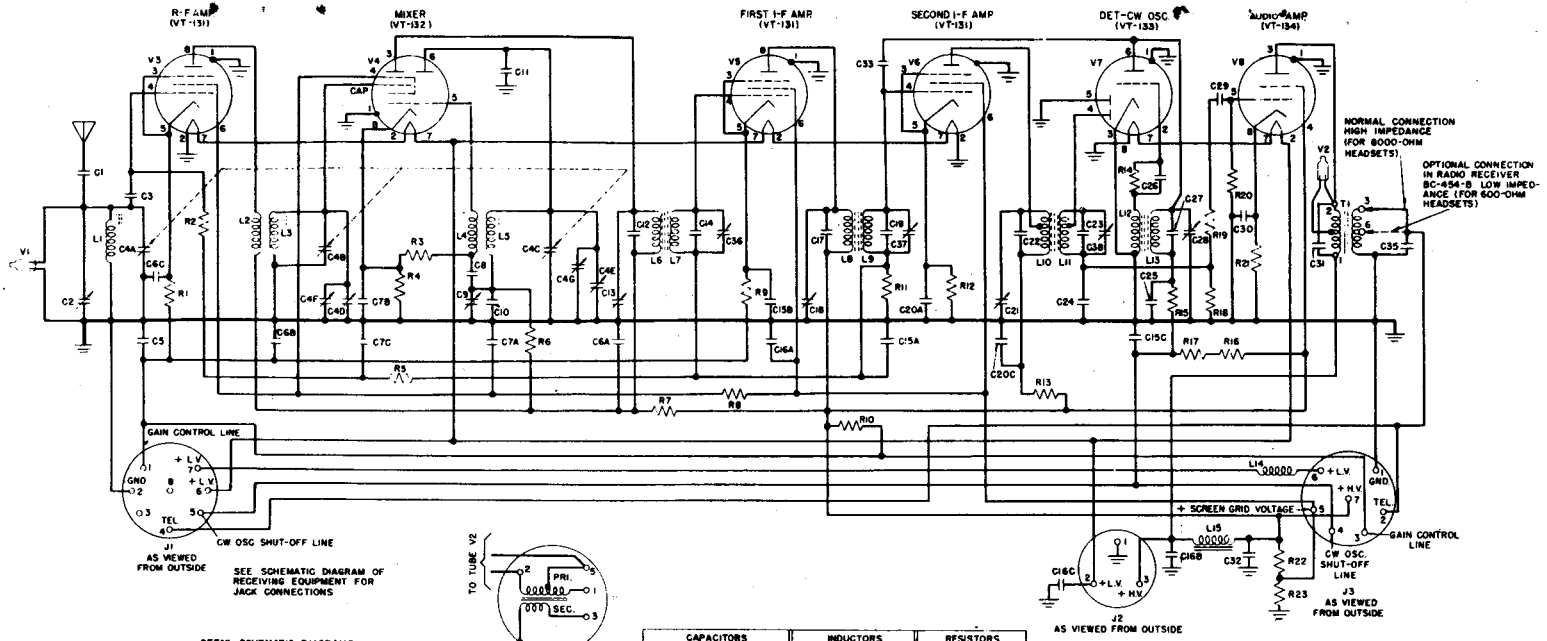
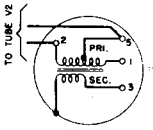
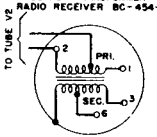


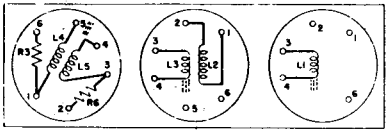


SYMBOL T1
OUTPUT TRANSFORMER
RADIO RECEIVER BC-454-A



SYMBOL T1
OUTPUT TRANSFORMER
RADIO RECEIVER BC-454-B

DETAIL SCHEMATIC DIAGRAMS
COIL ASSEMBLIES AND TRANSFORMERS

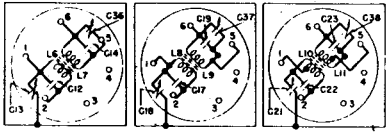


SYMBOL Z5C
R-F OSCILLATOR

SYMBOL Z5B
R-F AMPLIFIER

SYMBOL Z5A
R-F ANTENNA

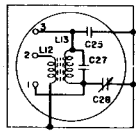
R-F COIL UNIT (3-6 MC) SYMBOL Z5



SYMBOL Z1
1ST I-F
1415 KC

SYMBOL Z2
2ND I-F
1415 KC

SYMBOL Z3
3RD I-F
1415 KC



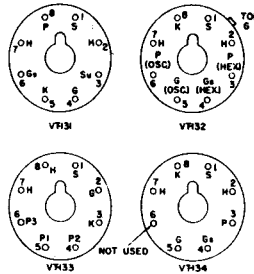
SYMBOL Z4
C-W OSCILLATOR
1415 KC

I-F COUPLING UNITS

CIRCUITS IN R-F COIL SET, I-F COUPLING UNITS, C-W OSCILLATOR, AND OUTPUT TRANSFORMER. THE TERMINAL NUMBERS ON THESE UNITS AGREE WITH THOSE SHOWN AT THE CORRESPONDING LOCATIONS ON THE PRACTICAL WIRING DIAGRAM.

CAPACITORS		INDUCTORS		RESISTORS	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	OHMS
C1	11 MMF.	L1	ANT. INPUT	R1	620
C2	15 MMF	L2, L3	RF AMP	R2	2,000,000
C3	100 MMF.	L4, L5	RF OSC.	R3	51,000
C4 (A TO G)	GANG (147 MMF)	L6, L7	IN 1ST IF	R4	820
C5	3 MF	L8, L9	IN 2ND IF	R5	150,000
C6 (A,B,C)	.05/.05/.05 MF	L10, L11	IN 3RD IF	R6	200,000
C7 (A,B,C)	.05/.05/.05 MF	L12, L13	CW OSC.	R7	200
C8	200 MMF.	L14	RF CHOKE, 112 MICRO-HENRIES	R8	200
C9	40 MMF			R9	620
C10	365 MMF.	L15	AF CHOKE 3 HENRIES	R10	360,000
C11	3 MMF			R11	100,000
C12	180 MMF			R12	510
C13	17 MMF			R13	200
C14	180 MMF			R14	100,000
C15 (A,B,C)	.05/.05/.05 MF			R15	5100
C16 (A,B,C)	22/22/22 MF			R16	51,000
C17	180 MMF			R17	51,000
C18	17 MMF			R18	510,000
C19	180 MMF.			R19	100,000
C20 (A,B,C)	.05/.01/.05 MF			R20	2,000,000
C21	17 MMF			R21	1500
C22	180 MMF			R22	7000
C23	180 MMF			R23	7000
C24	200 MMF				
C25	.001 MF				
C26	100 MMF				
C27	180 MMF				
C28	34 MMF				
C29	.005 MF				
C30	15 MF.				
C31	.001 MF				
C32	5 MF.				
C33	*				
C35	750 MMF.				
C36	17 MMF.				
C37	17 MMF.				
C38	17 MMF.				

* WIRING CAPACITANCE (LESS THAN 2 MMF).



TUBE SOCKET TERMINALS AS VIEWED FROM BOTTOM

G = CONTROL GRID
G (HEX) = CONTROL GRID, HEXODE SECTION
G (OSC) = CONTROL GRID, OSC SECTION
Gs = SCREEN GRID
Gs (HEX) = SCREEN GRID, HEXODE SECTION
H = HEATER
K = CATHODE
P = PLATE
P (HEX) = PLATE, HEXODE SECTION
P (OSC) = PLATE, OSC SECTION
P1 = FIRST DIODE PLATE
P2 = SECOND DIODE PLATE
P3 = TRIODE PLATE ON TUBE VT-133
S = SHELL
Sw = SUPPRESSOR GRID