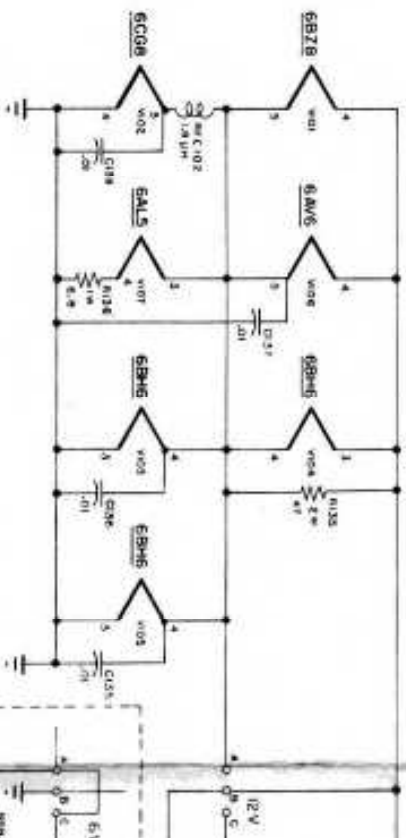
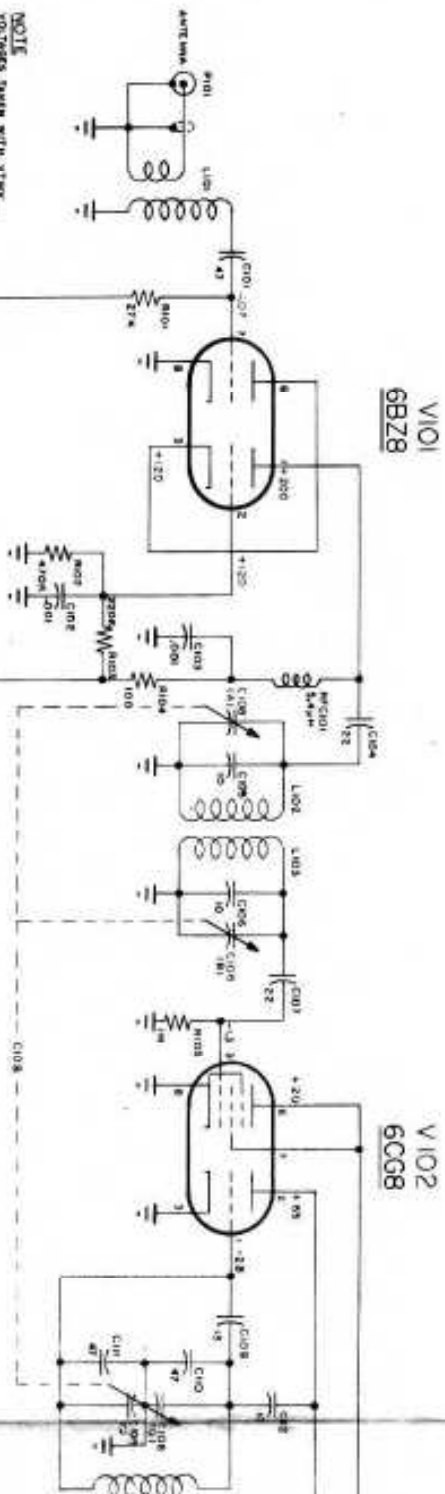
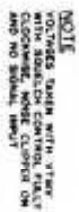


TO AVOID DAMAGE TO COMPONENTS, REFER TO PAGE 5 OF THE INSTRUCTION MANUAL BEFORE REMOVING ANY UNIT FROM THE CABINET

WARNING

RECEIVED

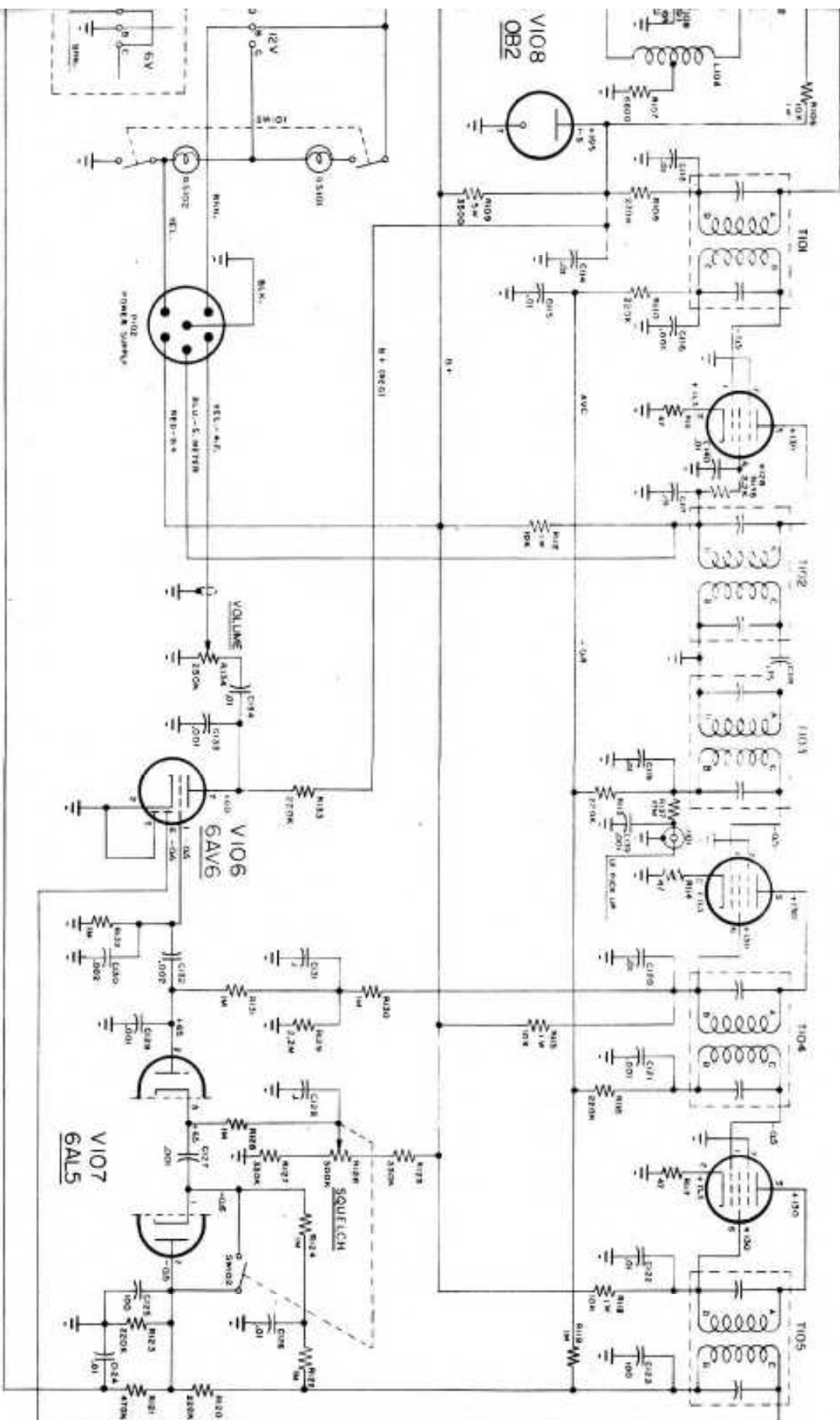
LOCATE THE GREEN TERMINAL STRIP AT THE REAR CORNER OF UNDER SLIDE CHASSIS. DISCONNECT OPPOSITE DIAL LIGHT SWITCH. REMOVE BROWN WIRE FROM TERMINAL "B" AND CONNECT TO TERMINAL "C".
CONNECT A SHORT JUMPER WIRE FROM TERMINAL "A" TO TERMINAL "C". GROUND TERMINAL "B" TO THE CENTER SHIELD OF THE ADJACENT TUNE SOCKET.



V103
6BH6

V104
6BH6

V105
6BH6



R136 6.8 OHMS, 1 WATT
 R137 10 MEGOHMS, 1/2 WATT
 R138 2.2K OHMS, 1/2 WATT
 SW101 SWITCH, PILOT LAMP
 SW102 SWITCH, LINEAR TAPER
 PI01 PLUG, ANTENNA CONNECTOR, CINCH #11855
 PI02 PLUG, POWER SUPPLY, CINCH #12032
 DS101 LAMP, PILOT, G.E. #12
 DS102 LAMP, PILOT, G.E. #12
 RFC101 5.4 μH
 RFC102 1.9 μH
 LI01 COIL, CASCADE INPUT
 LI02 COIL, CASCADE PLATE
 LI03 COIL, MIXER GRID
 LI04 COIL, OSCILLATOR

T101 TRANSFORMER, 1.F. 2.3 MC
 T102 TRANSFORMER, 1.F. 2.3 MC
 T103 TRANSFORMER, 1.F. 2.3 MC
 T104 TRANSFORMER, 1.F. 2.3 MC
 T105 TRANSFORMER, 1.F. 2.3 MC

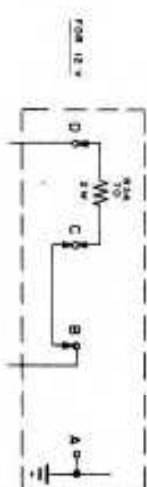
J101 JACK, 1.F. PICKUP, CINCH #8171

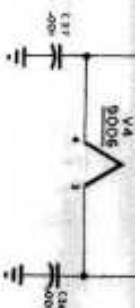
NOTES:

FOR 6-VOLT OPERATION:

1. DISCONNECT BROWN POWER CABLE LEAD FROM PIN B OF HEATER TERMINAL STRIP.
CONNECT LEAD TO PIN C.
2. CONNECT WIRE JUMPER FROM PIN A TO PIN C OF HEATER TERMINAL STRIP.
3. GROUND PIN B OF HEATER TERMINAL STRIP.

GONSET BURBANK, CALIF.	
SCHEMATIC RECEIVER MODEL 3136-R COMMUNICATOR	510-017





ALL VOLTAGES MEASURED WITH VTVM HAVING INPUT RESISTANCE OF AT LEAST 10 MΩ (50M INPUT, NO SIGNAL)

Number	Description	Pin	Measure
1	12BY7 SCREEN VOLTS	+125	
2	12BY7 PLATE VOLTS	+250	
3	60L BIAS VOLTS	-10	0
4	2E26 B1A6 VOLTS	-45	
5	2E26 SCREEN VOLTS	+150	
6	2E26 PLATE VOLTS	+250	
7	12AX7 PLATE VOLTS PIN 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	+150	+200
8	12AX7 PLATE VOLTS PIN 6	+20	+5
9	MAIN SUPPLY B+ VOLTS	+250	+200
10	60L SCREEN VOLTS	+210	+190
11	VFO BLOCKING BIAS	0	-60
12	12BY7 CATHODE VOLTS	+1.25	
13	60L CATHODE VOLTS	+5.5	
14	12AX7 CATHODE VOLTS PIN 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	+1.5	+1
15	12AX7 CATHODE VOLTS PIN 6	+1.5	+1
16	60L CATHODE VOLTS	+3.5	+10
17	300T 12BY7 SCREEN VOLTS		+10
18	300T 12BY7 SCREEN VOLTS		+15
19	300T 12BY7 SCREEN VOLTS		+100
20	300T 12BY7 SCREEN VOLTS		+200

* NEGATIVE ONLY
NETION FUNCTION SWITCH

GONSET MODEL 3136 TRANSMITTER	
510-013	

1/2 WATT
1/2 WATT
2 WATT
1/2 WATT

CVR. ANTENNA CONNECTOR, CINCH #11613
CVR. POWER SUPPLY, CINCH #11916
INTERNAL SPEAKER, CINCH #8171
EXTERNAL PHONES, SWITCHCRAFT #12-A
AIR POWER SUPPLY, CINCH #4-70
A, CINCH #8171
FO, CINCH #8171
MICROPHONE, SWITCHCRAFT #5-12-B
ANTENNA TRANSMITTER-RECEIVER, INTERNAL
CRYSTAL, SPECIAL
METER, SPECIAL
SLIDE, TR-PA, WINT #5M-726
TRANSMIT-RECEIVE, SPECIAL
SLIDE, CARBON-XTAL, WINT #5M-726

OSCILLATOR PLATE
MULTIPLIER GRID
MULTIPLIER PLATE
2E26 GRID
FINAL PLATE
IL
IL
IL
IL

RFC1 600 μH
RFC2 18 μH
RFC3 18 μH
RFC4 1 μH

K1 RELAY, DPDT 24 VDC COIL, POTTER & BRUMFIELD #KA-1250
K2 RELAY, DPDT 24 VDC COIL, POTTER & BRUMFIELD #KA-1250
T1 TRANSFORMER, MODULATION, KAPITOL #M-1036

P1 PLUG, TRANSMITTER ANTENNA CONNECTOR, CINCH #M-95
P2 PLUG, ANTENNA TRANSMITTER-RECEIVER, EXTERNAL
P3 PLUG, ANTENNA TRANSMITTER-RECEIVER, INTERNAL

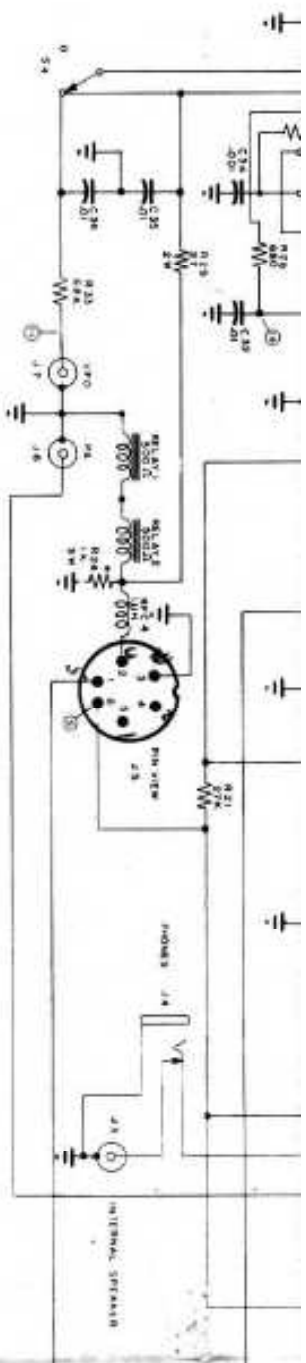
D61 LAMP, PILOT, G.E. #51

NOTES:

R2L 1K OHMS, 5 WATTS (IN FIRST RUN MODELS ONLY)

FOR 6-VOLT OPERATION:

1. REMOVE WIRE JUMPER BETWEEN PINS B AND C OF HEATER TERMINAL STRIP.
2. CONNECT WIRE JUMPERS BETWEEN PINS A AND B AND BETWEEN PINS C AND D OF HEATER TERMINAL STRIP.
3. CONNECT WIRE JUMPER ACROSS RESISTOR R10



- C1 10 μ F, SILVER MICA, $\pm 5\%$
 C2 100 μ F, SILVER MICA, $\pm 5\%$
 C3 .001 μ F, DISC CERAMICON GNV
 C4 TRIMMER ON C5(A)
 C5 CAPACITOR, TUNING I. GANG
 C6 .01 μ F, DISC CERAMICON GNV
 C7 .5 μ F, TUBULAR CERAMIC, $\pm 10\%$
 C8 .001 μ F, DISC CERAMICON GNV
 C9 TRIMMER ON C5(B)
 C10 .001 μ F, DISC CERAMICON GNV
 C11 TRIMMER ON C5(C)
 C12 .001 μ F, DISC CERAMICON GNV
 C13 .001 μ F, DISC CERAMICON GNV
 C14 .001 μ F, DISC CERAMICON GNV
 C15 CAPACITOR, A.P.C. FINAL GRID
 C16 .001 μ F, DISC CERAMICON GNV
 C17 100 μ F, SILVER MICA 1000 WVDC, $\pm 10\%$
 C18 CAPACITOR, A.P.C. FINAL PLATE
 C19 150 μ F, SILVER MICA, $\pm 5\%$
 C20 CAPACITOR, A.P.C. 50 μ F
 C21 1.5 μ F, MINIATURE TUBULAR, $\pm 10\%$
 C22 .001 μ F, FEED-THRU TYPE, 20%
 C23 .1 μ F, MOLDED PAPER TUBULAR, 400 WVDC
 C24 .0005 μ F, TUBULAR, 1000 WVDC
 C25 10 μ F, ELECTROLYTIC, 350 WVDC, 65°C

- C26A 30 μ F, 50 WVDC
 C 10 μ F, 25 WVDC
 C 10 μ F, 450 WVDC — ELECTROLYTIC
 C27 .001 μ F, DISC CERAMICON GNV
 C28 100 μ F, TUBULAR CERAMIC
 C29 .01 μ F, DISC CERAMICON GNV
 C30 .01 μ F, DISC CERAMICON GNV
 C31 .01 μ F, DISC CERAMICON GNV
 C32 .01 μ F, DISC CERAMICON GNV
 C33 .001 μ F, DISC CERAMICON GNV
 C34 .001 μ F, DISC CERAMICON GNV
 C35 .01 μ F, DISC CERAMICON GNV
 C36 .01 μ F, DISC CERAMICON GNV
 C37 .001 μ F, DISC CERAMICON GNV
 C38 .001 μ F, DISC CERAMICON GNV
 C39 .001 μ F, DISC CERAMICON GNV
 C40 470 μ F, DISC CERAMICON 1 KV, 20%
 C41 100 μ F, CM 15 SILVER MICA
 C42 100 μ F, CM 15 SILVER MICA
 C43 .001 μ F, DISC CERAMICON GNV

- R7 47K OHMS, $\frac{1}{2}$ WATT
 R8 680 OHMS, $\frac{1}{2}$ WATT
 R9 22K OHMS, $\frac{1}{2}$ WATT
 R10 27 OHMS, $\frac{1}{2}$ WATT
 R11 22K OHMS, 1 WATT
 R12 47K OHMS, $\frac{1}{2}$ WATT
 R13 50K OHMS, POT. 5 METER ADJ.
 R14 33K OHMS, $\frac{1}{2}$ WATT
 R15 10K OHMS, $\frac{1}{2}$ WATT
 R16 27 OHMS, 2 WATTS
 R17 2.7K OHMS, $\frac{1}{2}$ WATT
 R18 220 OHMS, 2 WATTS
 R19 470K OHMS, $\frac{1}{2}$ WATT
 R20 470K OHMS, $\frac{1}{2}$ WATT
 R21 27K OHMS, $\frac{1}{2}$ WATT
 R22 3.9K OHMS, $\frac{1}{2}$ WATT
 R23 270K OHMS, $\frac{1}{2}$ WATT
 R24 SEE NOTES
 R25 100K OHMS, $\frac{1}{2}$ WATT
 R26 100K OHMS, POT. AUDIO GAIN
 R27 47K OHMS, $\frac{1}{2}$ WATT
 R28 680 OHMS, $\frac{1}{2}$ WATT
 R29 27 OHMS, 2 WATTS
 R30 100K OHMS, $\frac{1}{2}$ WATT
 R31 1.5 MEGOHMS, $\frac{1}{2}$ WATT

- L1 COIL, 60
 L2 COIL, 10
 L3A 1ST COIL
 L3B 2ND COIL
 L4 COIL, 10
 L5 TRAP COIL
 L6 TRAP COIL
 L7 TRAP COIL
 R32 1K OHM
 R33 68 OHM
 R34 70 OHM
 R35 47K OHM