



PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license.

(Refer to FCC Rules and Regulations Part 95, Subpart C & D.)

The frequency of the transmitter should be checked periodically with a secondary frequency standard to insure proper and legal operation.

Best results will be obtained when adjusting the final RF output circuit if the antenna normally used is connected and the chassis is as nearly in the cabinet as possible.

Connect either 50-ohm dummy load or the normally used antenna system.



MODEL JAGUAR 40B

MANUFACTURER'S SPECIFICATIONS

Transmitter

1. Oscillation System.....	P.L.L. system (3 X'TALS)
2. RF Power Output.....	3.9watts @ 13.8V DC
3. Final Efficiency.....	Better than 60%
4. Modulation System	Driver & F.A. collector modulation
5. Modulation.....	98% or less with modulation limiter
6. Modulation Input Level.....	2mV @ 70% modulation (-55dBm)
7. Modulation Frequency Characteristics	300 to 2700Hz -6dB, @1000Hz 0dB
8. Occupied Bandwidth.....	Better than 99.9%
9. Spurious Radiation.....	Better than 70dB down
10. Frequency Stability.....	±0.002% @ -30°C to +50°C
11. Microphone.....	600ohm, -70dBm
12. Battery Consumption.....	Non modulation 0.7A Full modulation 1.1A
13. AC.....	117V 40VA

Receiver

1. Circuit System.....	Dual Conversion Superheterodyne
2. I.F. Frequencies	1st I.F. 10.695MHz 2nd I.F. 455kHz
3. Sensitivity	0.26μV @ EIA SINAD 12dB
4. Frequency Stability.....	±0.002%
5. Pass Bandwidth	5.6kHz
6. Intermodulation.....	-60dB down
7. Adjacent Channel Rejection.....	-70dB at ±10kHz
8. 2 Signal Desensitizing.....	75dB
9. Spurious Response	Better than 80dB down
10. A.G.C. Characteristics	10dB @ RF input 100dB increase
11. Squelch Gain.....	Threshold level 0.08μV, maximum 100μV
12. AF Power Output.....	8ohm, 5 watts @ distortion 10%

Courtesy of the Manufacturer

HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206

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PEARCE-SIMPSON MODEL JAGUAR 40B

ALIGNMENT INSTRUCTIONS

CAUTION: Use isolation transformer or observe polarity when connecting test equipment. Maintain line voltage at 120V AC. Allow a 15-minute warm-up period.
 Check for 12.60 volts at TP12. (See Transmitter Adj.)
 Connect low sides of test equipment to ground unless specified otherwise.
 Connect 50-ohm dummy load or antenna before keying transmitter.
 Connect microphone.

(Suggested Alignment Tools:

GC ELECTRONICS:

L4 thru L10, L22 5000, 5009, 8276, 8728, 8728A

L1, L2, L3, L12, L14, L17 thru L21 9440

L25, L26 9300, 9302, 9304

VC1, VC2, VC3 5000, 8276

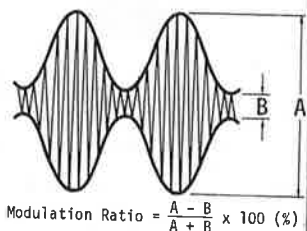


FIGURE 1

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of oscilloscope to TP1.	Ch. 19	L10	Adjust for Maximum RF output.
Input of frequency counter to TP1.	Ch. 19	VC1	Adjust for 10.240MHz.
Input of oscilloscope to TP9 (L12 Secondary).	Ch. 19	L12	Adjust for Maximum RF output.
Input of frequency counter to TP9 (L12 Secondary).	Ch. 19	VC2	Adjust for 36.380MHz.
Input of DC meter to TP5.	Ch. 1	L14	Adjust for 2.75 volts.
Input of frequency counter to TP10 (Junction of C6, C82 and C83).	Ch. 1		Check for 37.660MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP8 (IC1 Pin 2).	Ch. 1		Check for 1.280MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP11 (Q17 Emitter).	Ch. 19, XMT	VC3	Adjust for 10.695MHz.

RECEIVER ALIGNMENT

Connect an AC VTVM or AF wattmeter across speaker voice coil.
 Adjust volume control to obtain a suitable indication.
 Set generator output low enough to prevent AGC limiting.
 Check for 12.60 volts at TP12. (See Transmitter Adjustments.)

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP1. 455kHz, 1000Hz @ 30% modulation.	Ch. 19 RF Gain Maximum Squelch MINIMUM Response ANL Off	L9, L8, L7, L6, L5	Adjust for Maximum.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19 RF Gain Maximum Squelch MINIMUM Response ANL Off.	L4, L3, L2, L1	Adjust for Maximum. If necessary readjust L5, L6, L7, L8 and L9.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Check for 12.60 volts at TP12. (See Transmitter Adjustments.)

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation Output 200uV.	Ch. 19 RF Gain Maximum Response ANL Off	FVR1	SQUELCH RANGE Adjust so that squelch just breaks.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation Output 100uV.	Ch. 19 RF Gain Maximum Response ANL Off	FVR2	S METER Adjust for 9 on S scale of meter.

TRANSMITTER ALIGNMENT

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.
NOTE: Be sure to check transmit frequency and power on all active channels after alignment of transmitter.
See page 4 for channel frequencies.
Check for 12.60 volts at TP12. (See Transmitter Adjustments.)

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.	Ch. 19	L17,L18,L19, L20,L21,L22,	Adjust for Maximum.
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.	Ch. 19	L26,L25	Adjust for 4 watts Maximum.

PEARCE-SIMPSON MODEL JAGUAR 40B

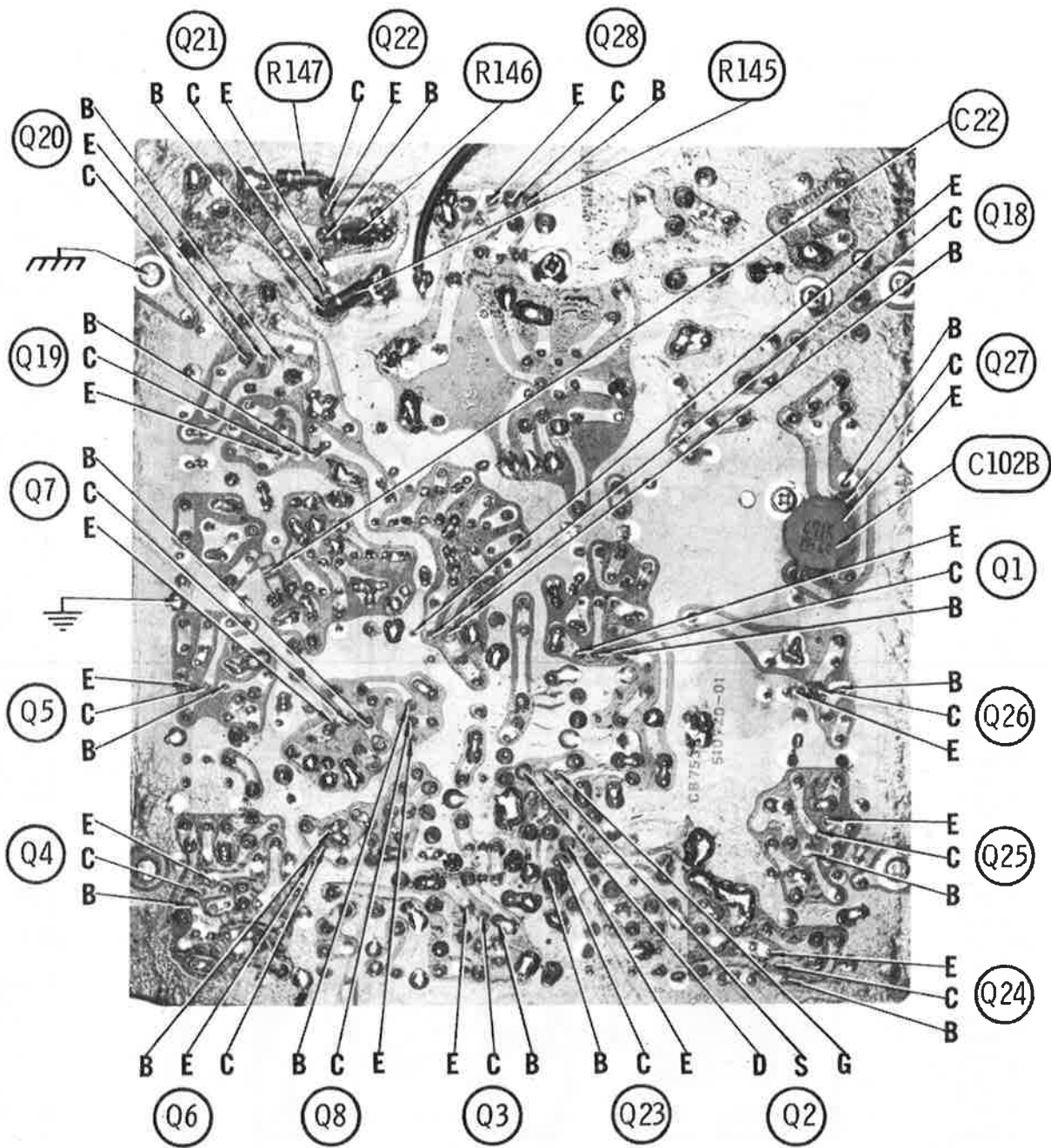
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NOTE: Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.
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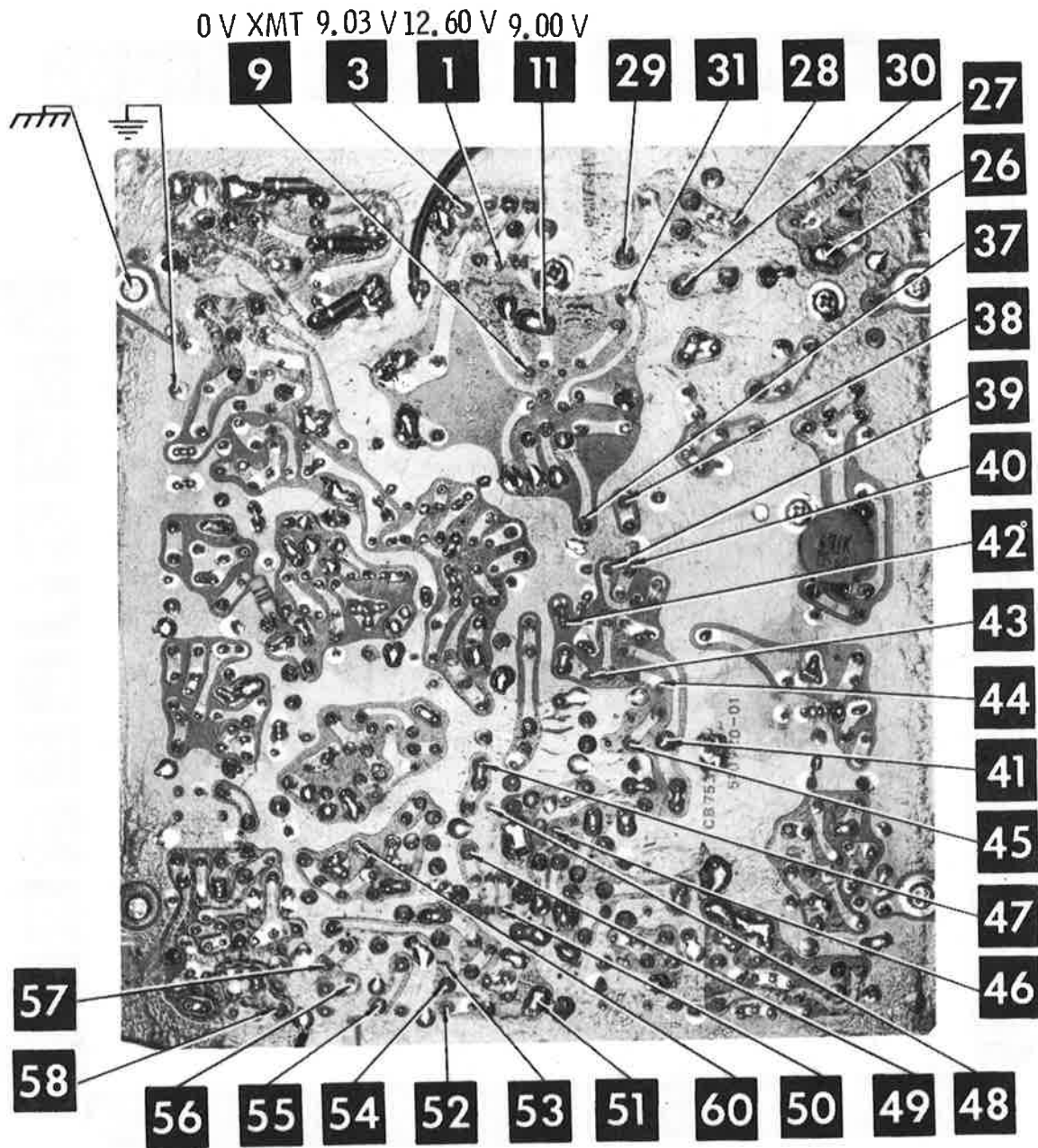
TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of DC meter to TP12 (Q30 Collector).	Ch. 19	FVR5	VOLT REG. Adjust for 12.60 volts. Voltage should not vary when keying transmitter.
Modulation meter to antenna jack. Inject a 1000Hz, 2mV signal at MIC input.	Ch. 19	FVR3	MODULATION LIMITER Adjust for 100% modulation Maximum. See Figure 1.
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.	Ch. 19	FVR4	RF PANEL METER Adjust so that RF Panel meter agrees with RF wattmeter.

TRUTH CHART

C H A N N E L	1 = 5.70 Volts 0 = 0 Volts								REC & XMT VCO OUTPUT IN MHz AT TP10	DIVIDER INPUT IN MHz AT TP8	
	IC1 PROGRAM DIVIDER										
	PINS										
	11	12	13	14	15	16					
1	0	0	0	0	0	0			37.660	1.280	
2	0	0	0	0	0	1			37.670	1.290	
3	0	0	0	0	1	0			37.680	1.300	
4	0	0	0	1	0	0			37.700	1.320	
5	0	0	0	1	0	1			37.710	1.330	
6	0	0	0	1	1	0			37.720	1.340	
7	0	0	0	1	1	1			37.730	1.350	
8	0	0	1	0	0	1			37.750	1.370	
9	0	0	1	0	1	0			37.760	1.380	
10	0	0	1	0	1	1			37.770	1.390	
11	0	0	1	1	0	0			37.780	1.400	
12	0	0	1	1	1	0			37.800	1.420	
13	0	0	1	1	1	1			37.810	1.430	
14	0	1	0	0	0	0			37.820	1.440	
15	0	1	0	0	0	1			37.830	1.450	
16	0	1	0	0	1	1			37.850	1.470	
17	0	1	0	1	0	0			37.860	1.480	
18	0	1	0	1	0	1			37.870	1.490	
19	0	1	0	1	1	0			37.880	1.500	
20	0	1	1	0	0	0			37.900	1.520	
21	0	1	1	0	0	1			37.910	1.530	
22	0	1	1	0	1	0			37.920	1.540	
23	0	1	1	1	0	1			37.950	1.570	
24	0	1	1	0	1	1			37.930	1.550	
25	0	1	1	1	0	0			37.940	1.560	
26	0	1	1	1	1	0			37.960	1.580	
27	0	1	1	1	1	1			37.970	1.590	
28	1	0	0	0	0	0			37.980	1.600	
29	1	0	0	0	0	1			37.990	1.610	
30	1	0	0	0	1	0			38.000	1.620	
31	1	0	0	0	1	1			38.010	1.630	
32	1	0	0	1	0	0			38.020	1.640	
33	1	0	0	1	0	1			38.030	1.650	
34	1	0	0	1	1	0			38.040	1.660	
35	1	0	0	1	1	1			38.050	1.670	
36	1	0	1	0	0	0			38.060	1.680	
37	1	0	1	0	0	1			38.070	1.690	
38	1	0	1	0	1	0			38.080	1.700	
39	1	0	1	0	1	1			38.090	1.710	
40	1	0	1	1	0	0			38.100	1.720	

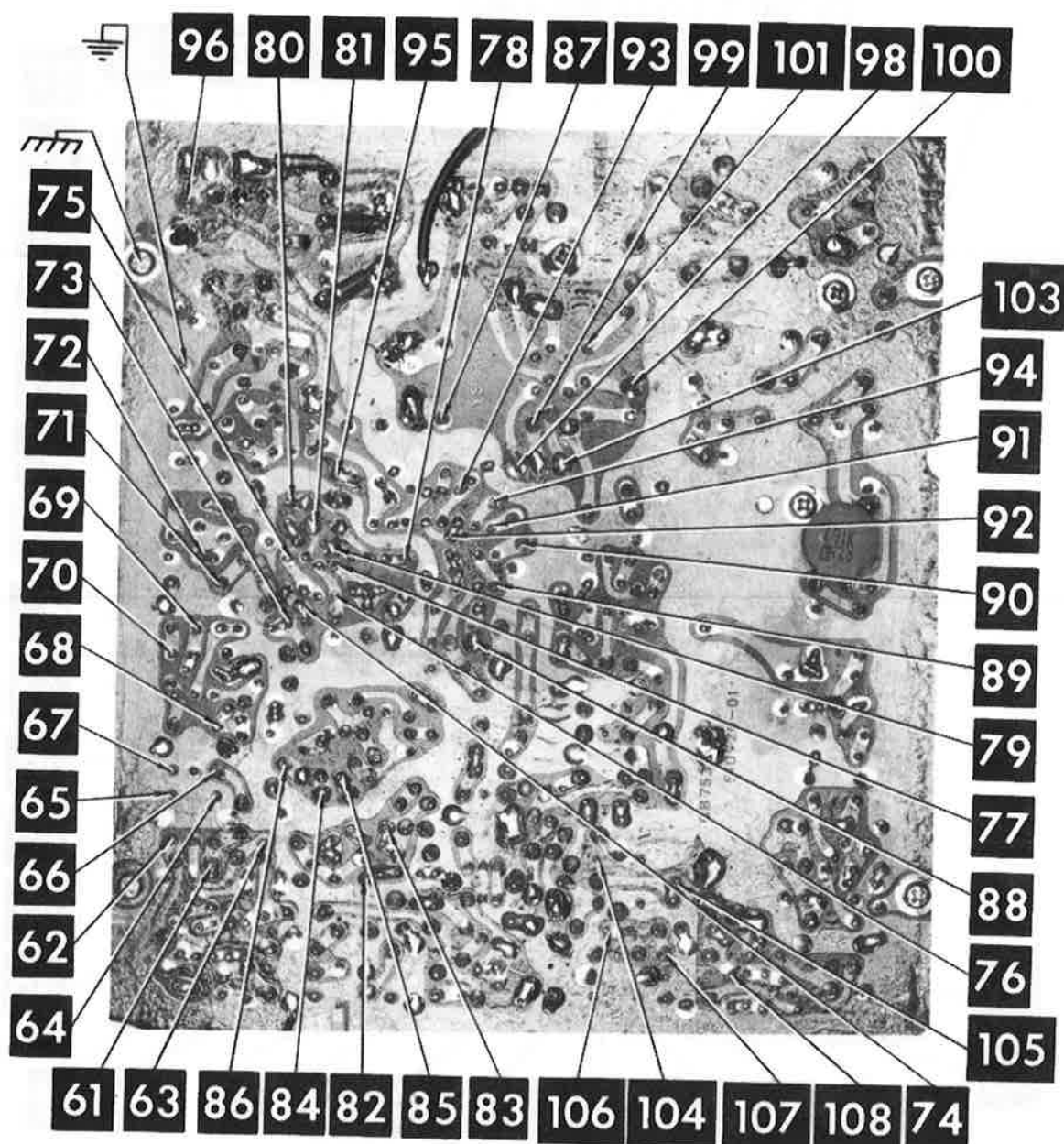


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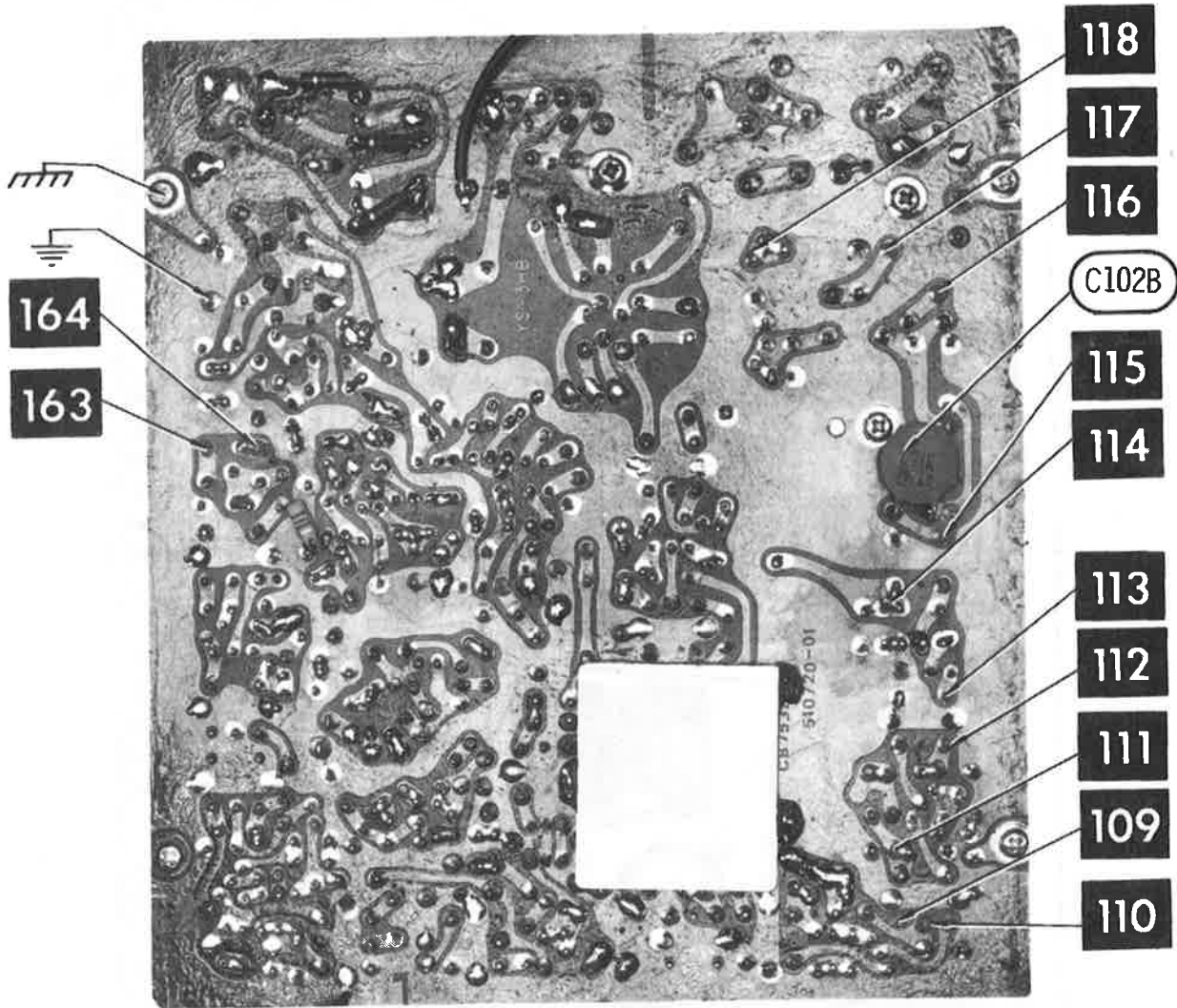


PEARCE-SIMPSON MODEL JAGUAR 40B

MAIN BOARD

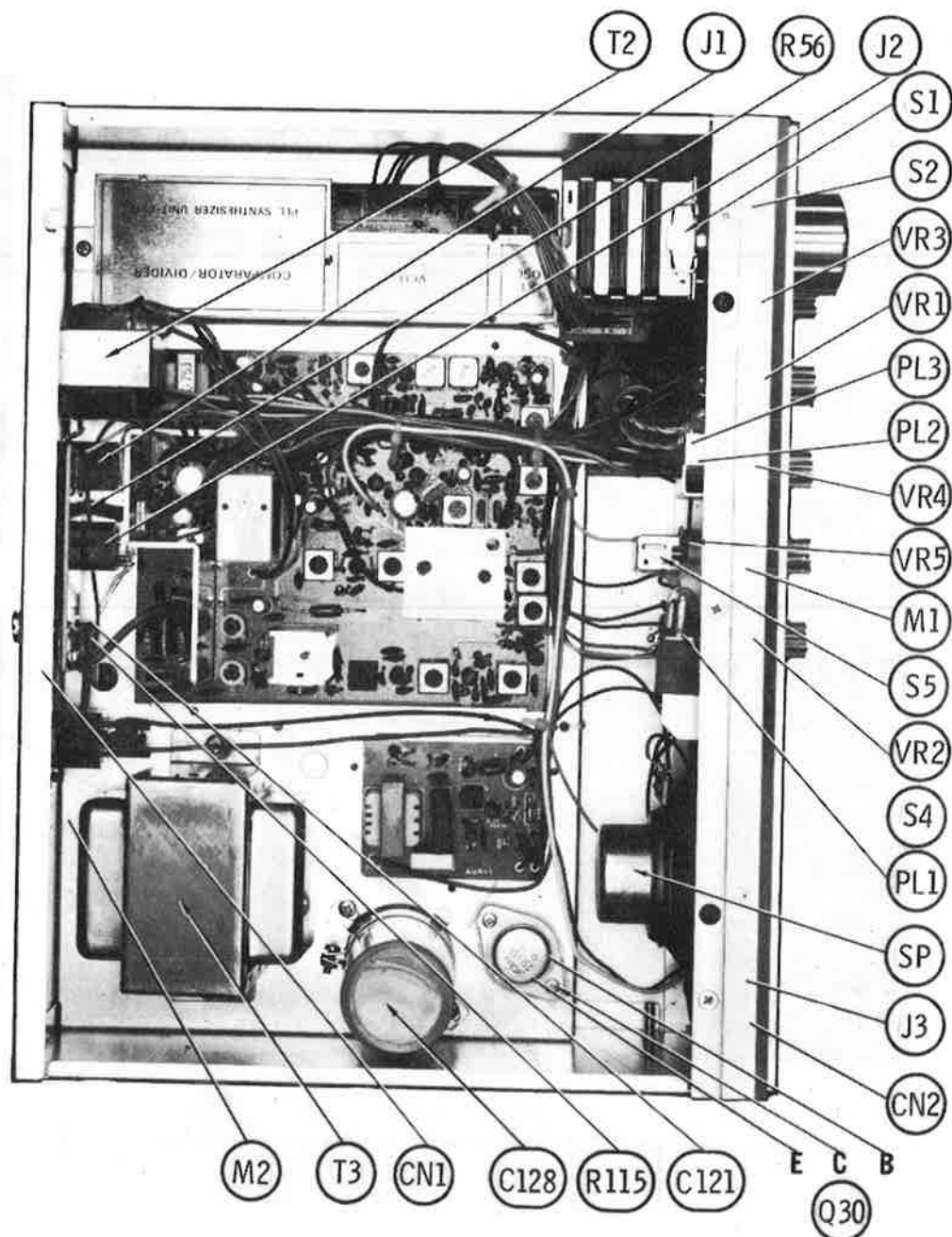


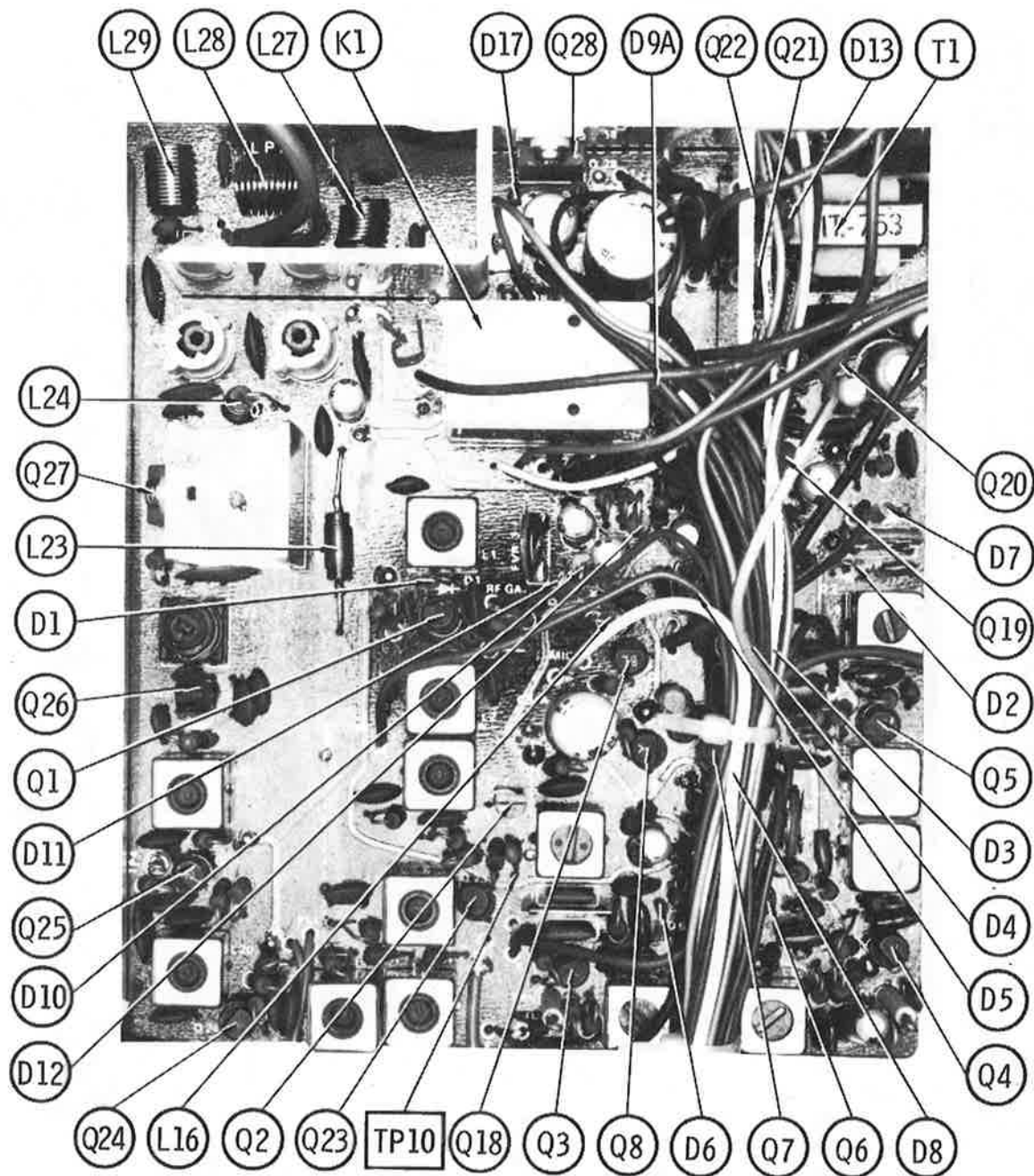
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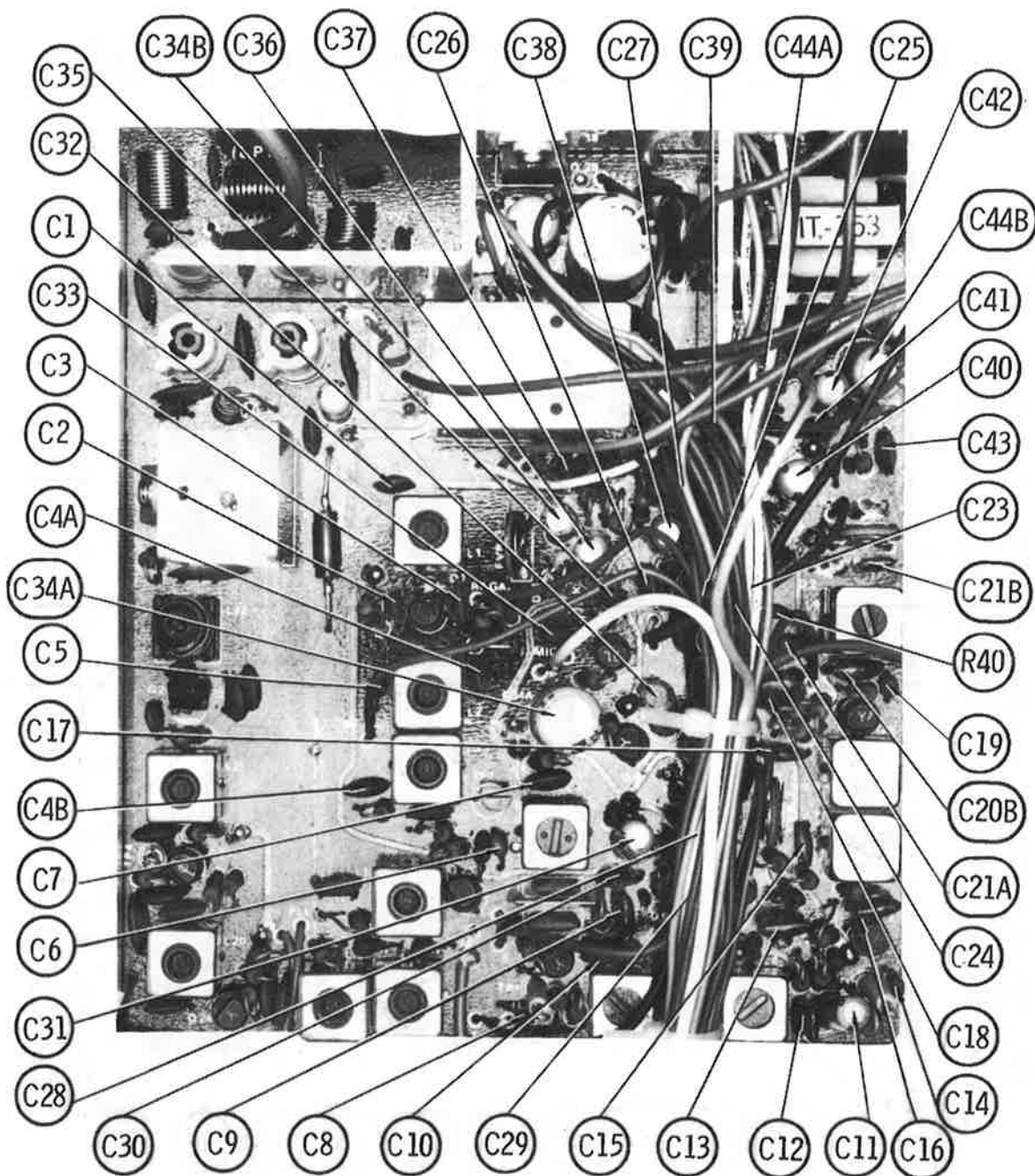
PEARCE-SIMPSON MODEL JAGUAR 40B

MAIN BOARD

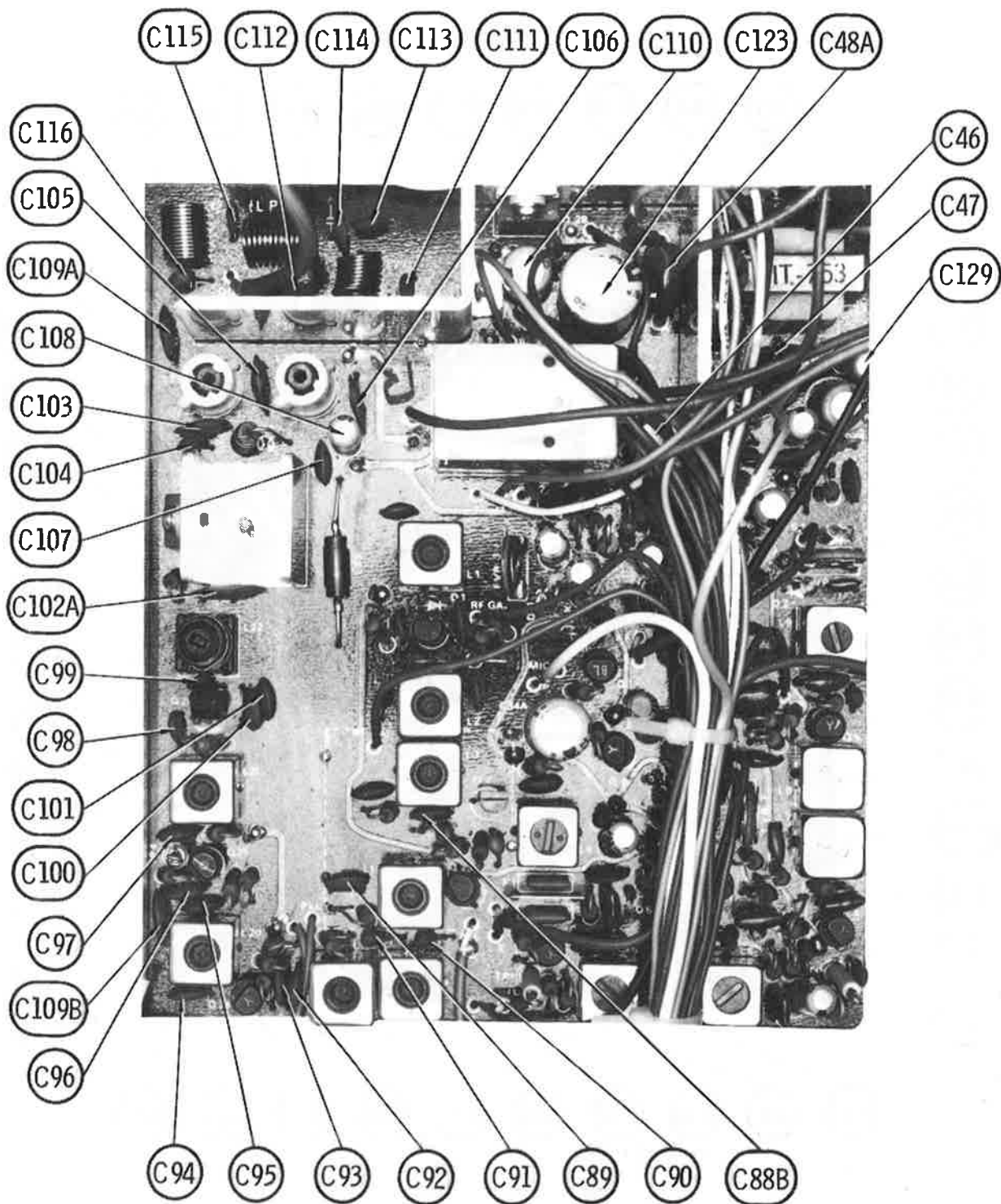




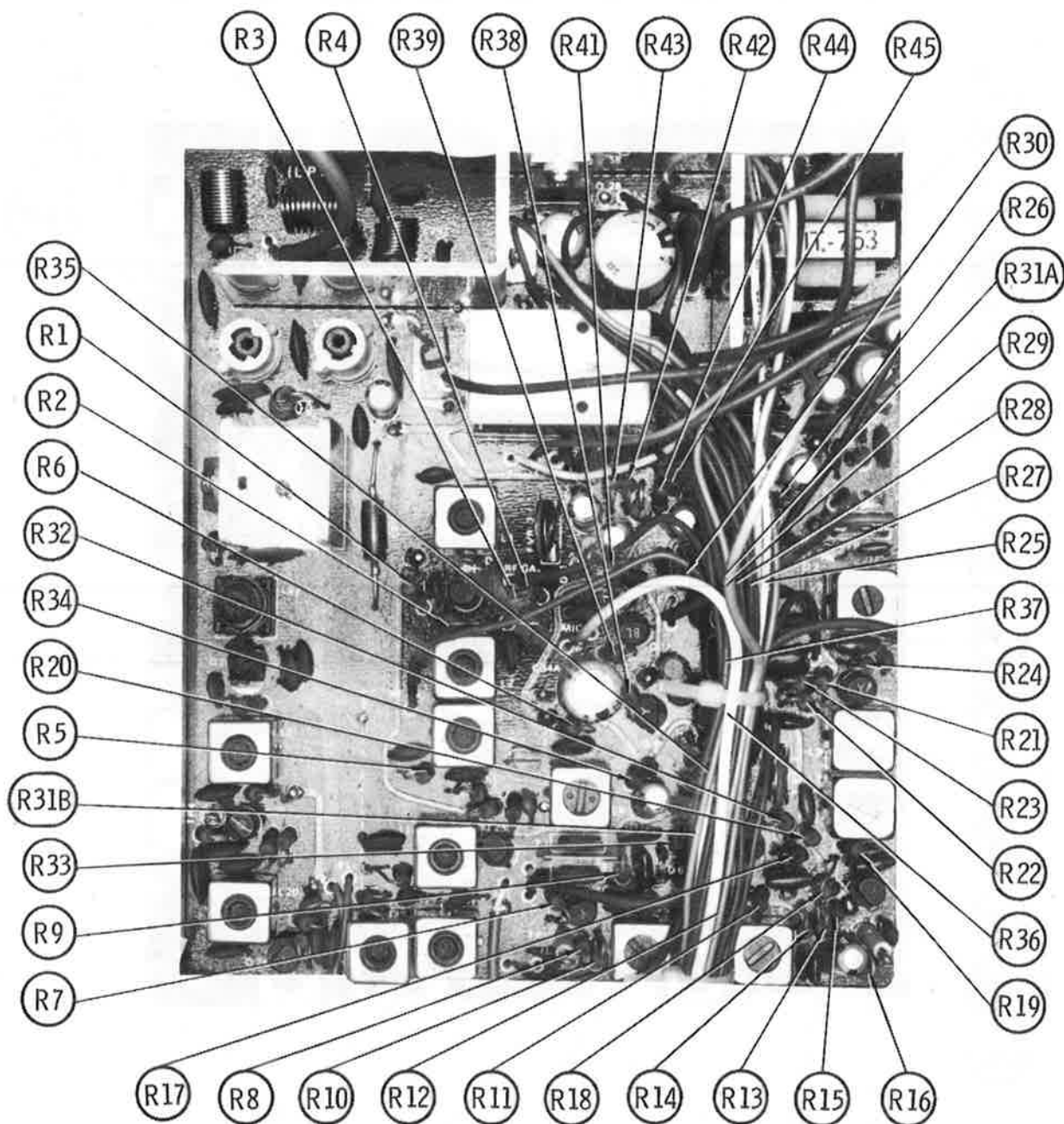
MAIN BOARD



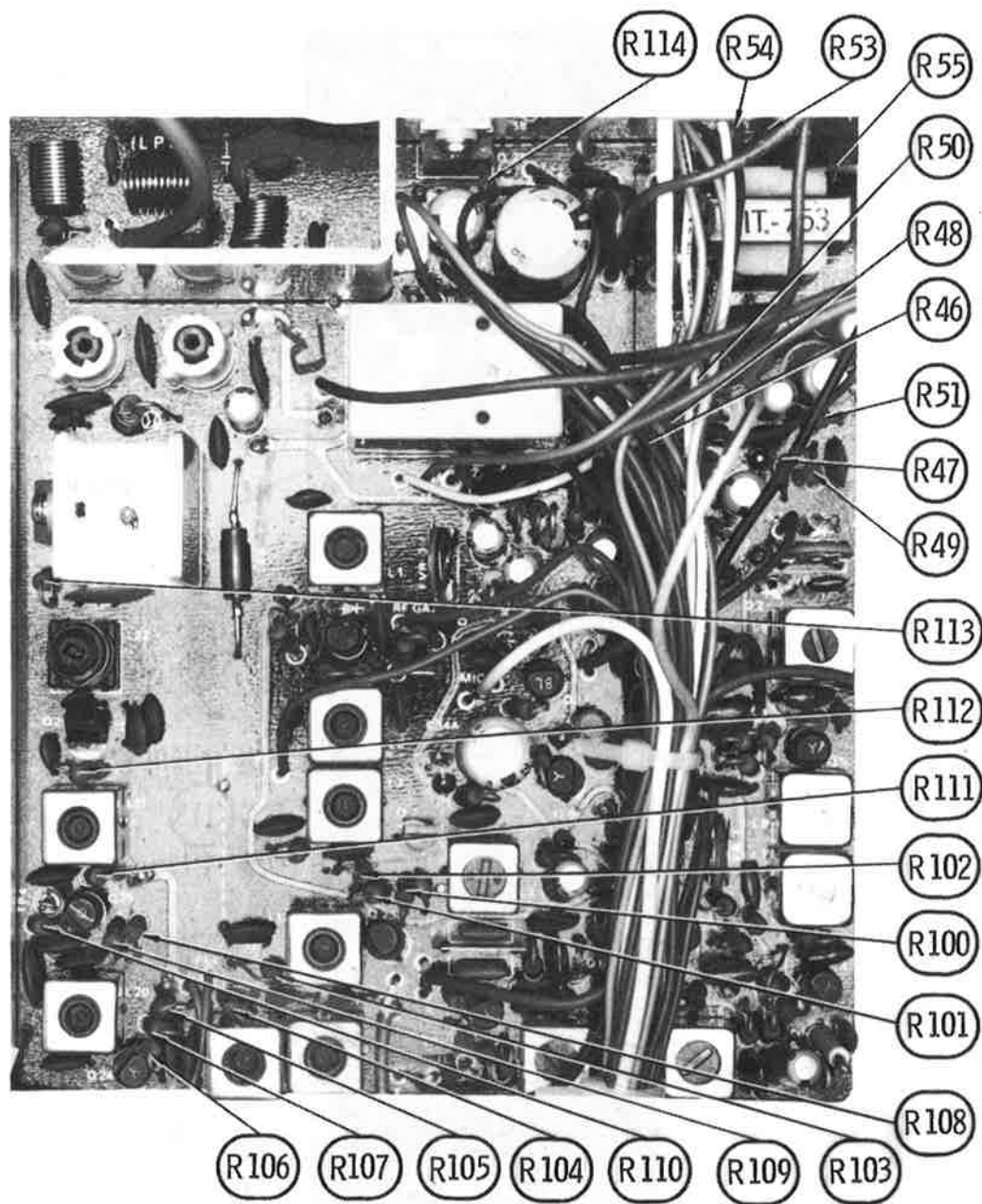
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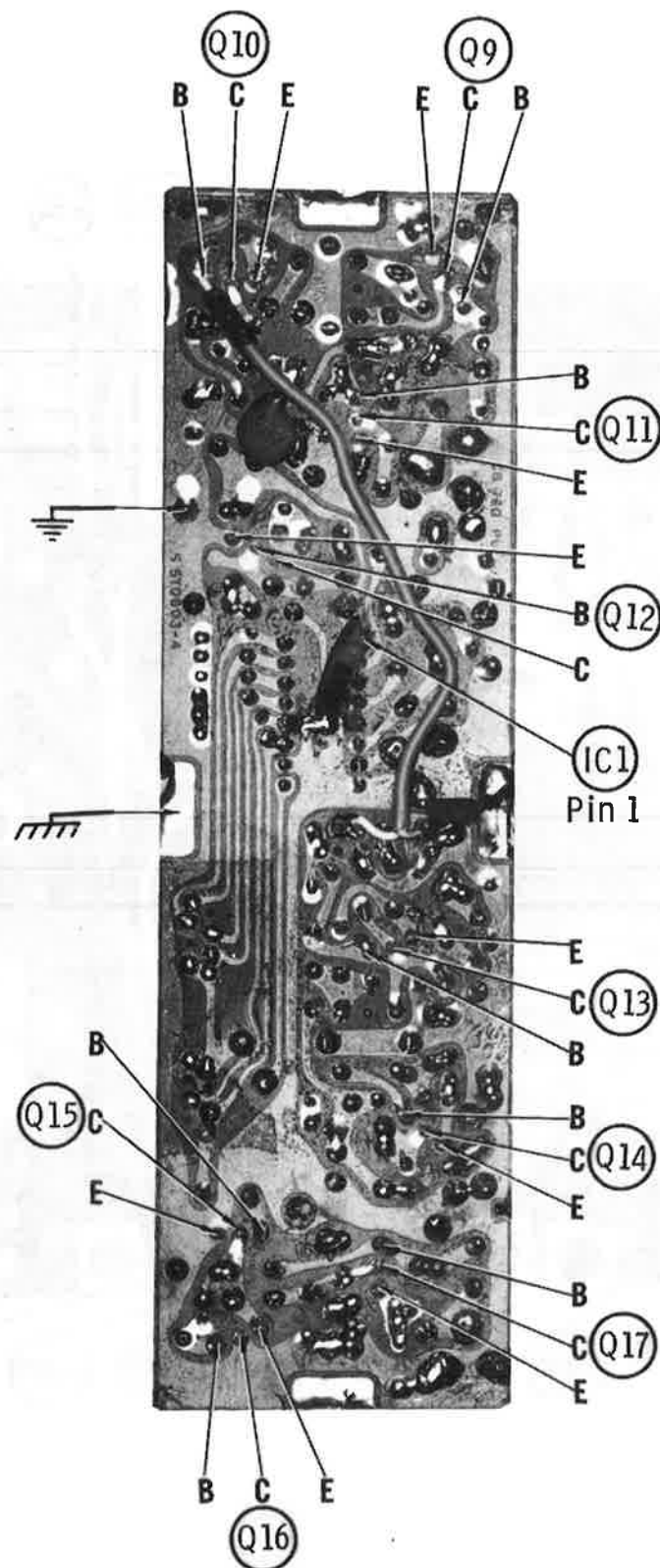
MAIN BOARD



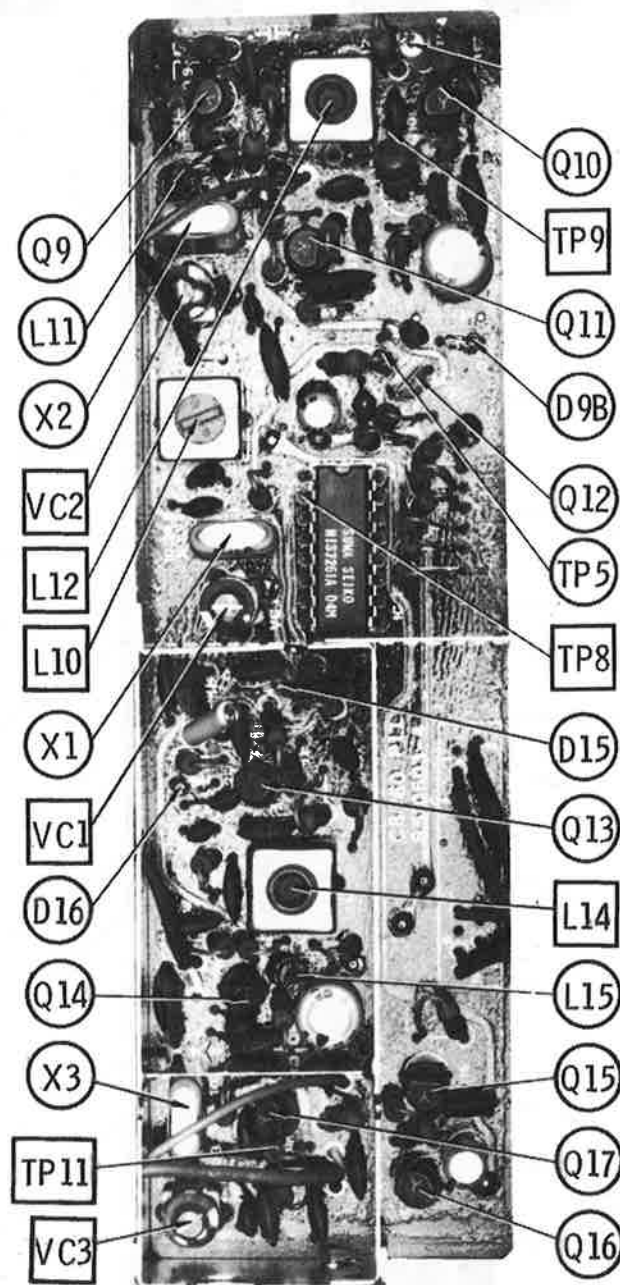
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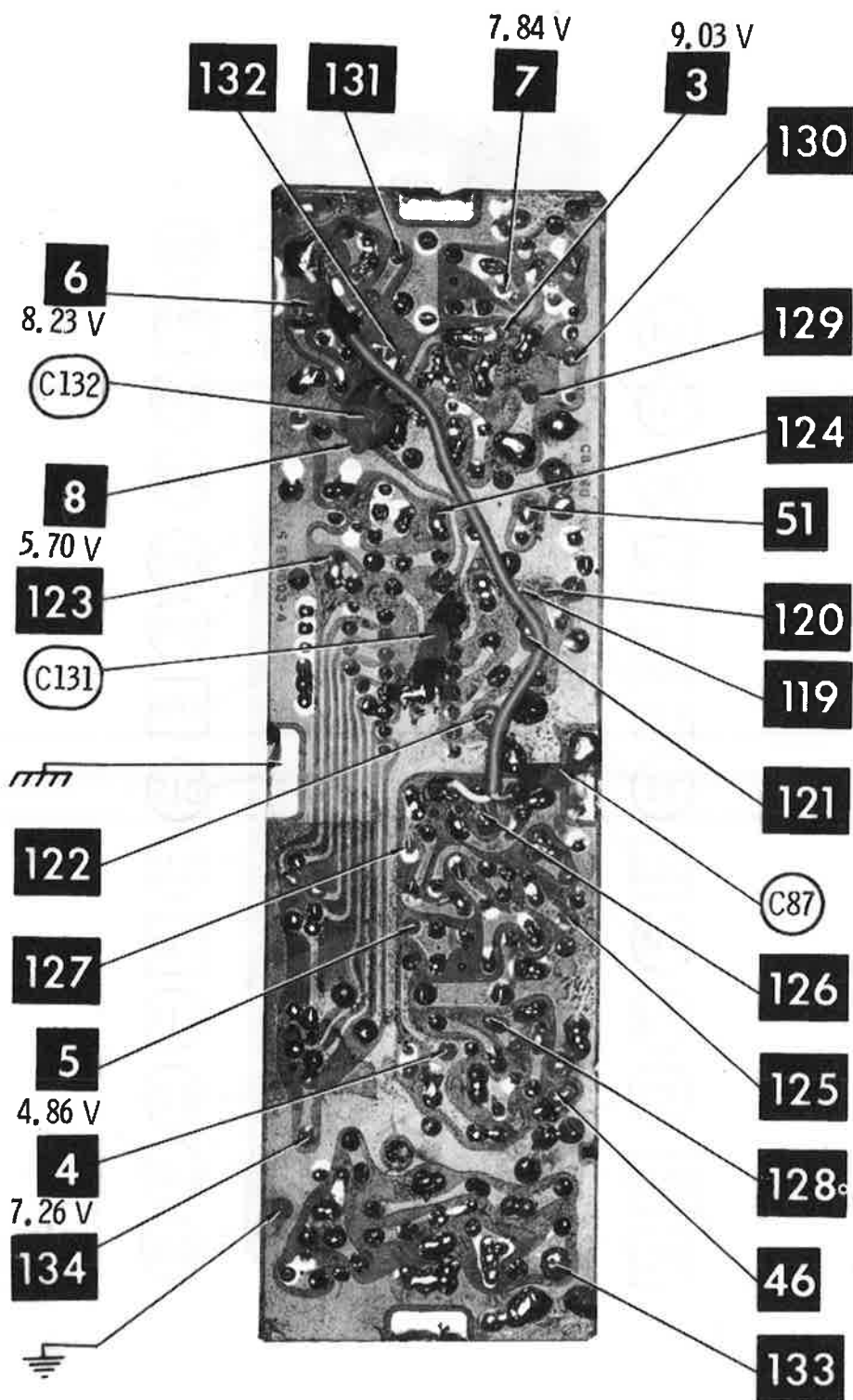
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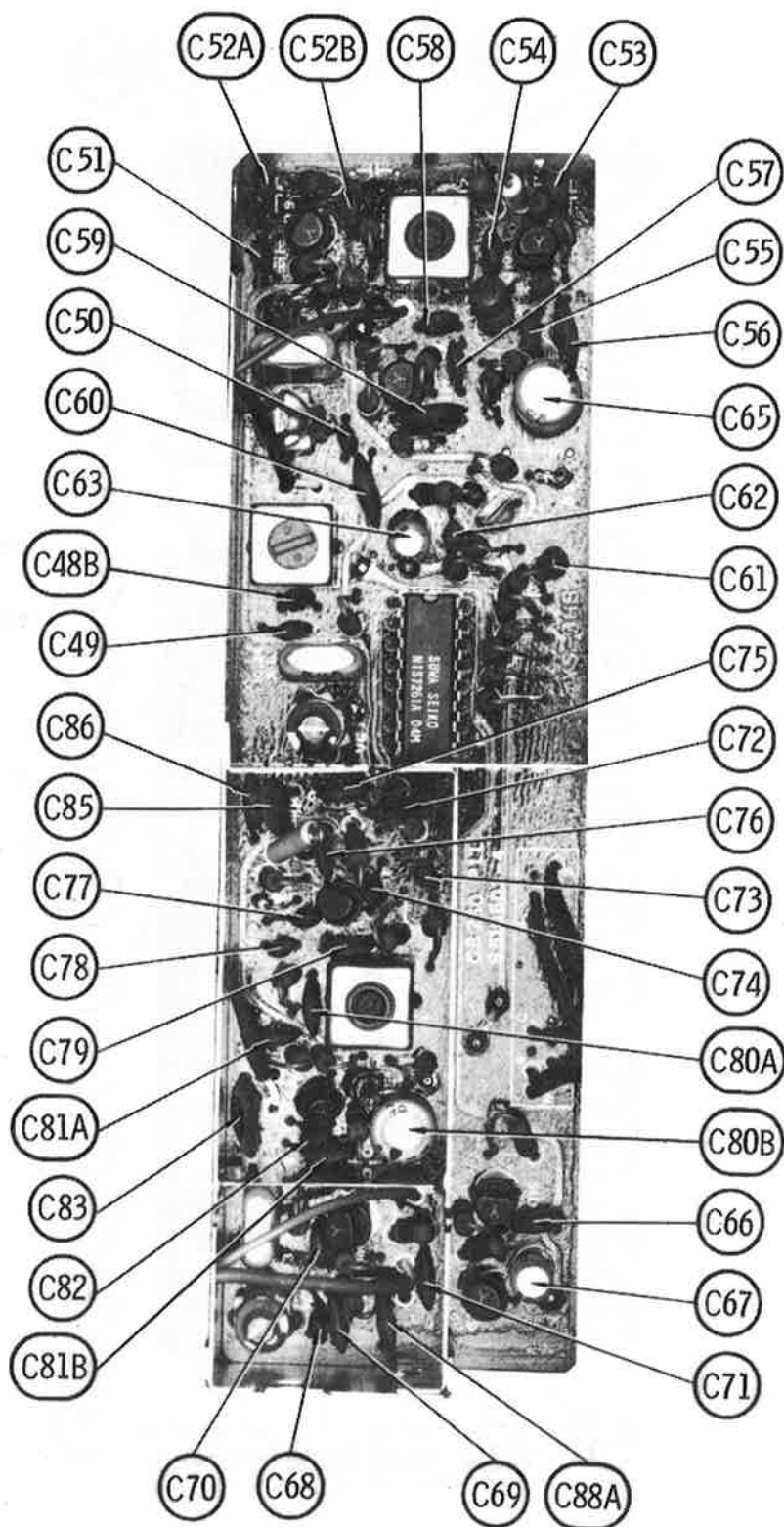
PLL BOARD



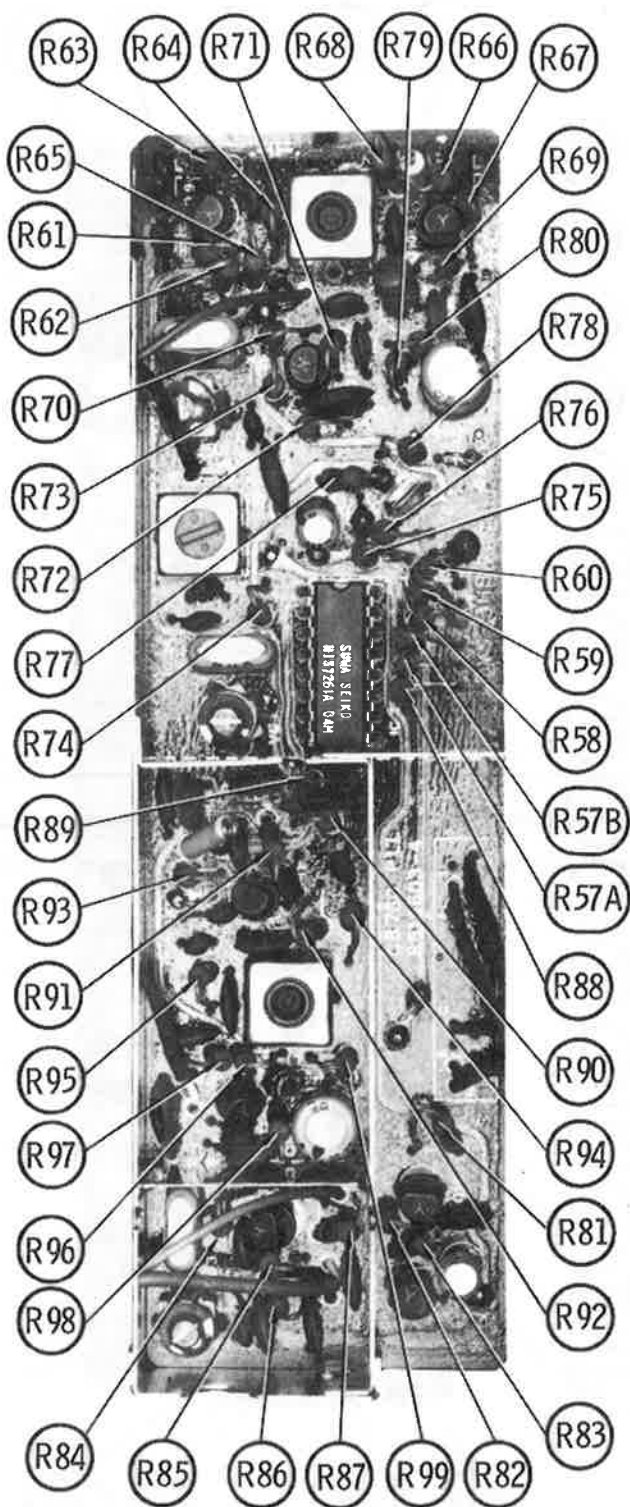
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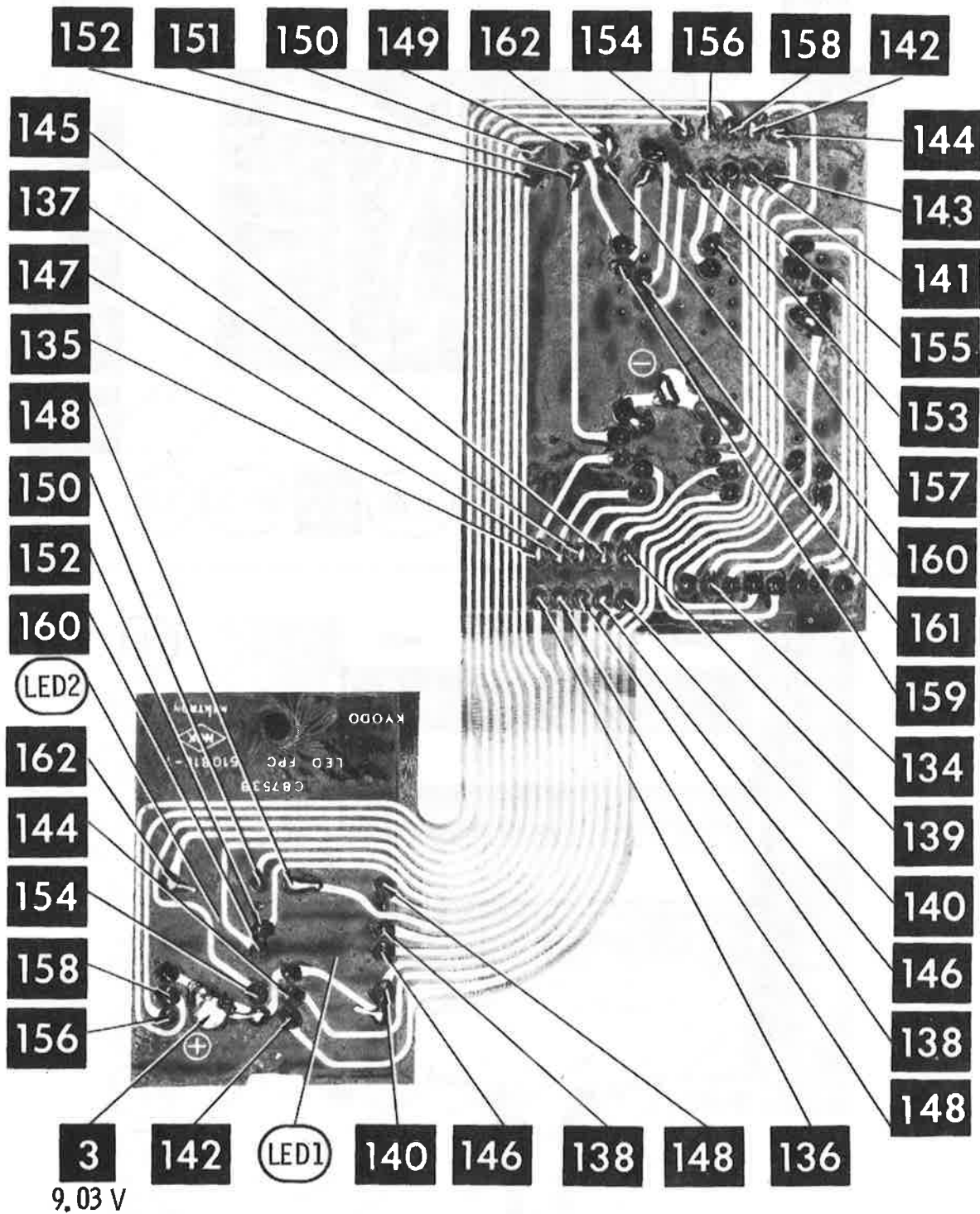
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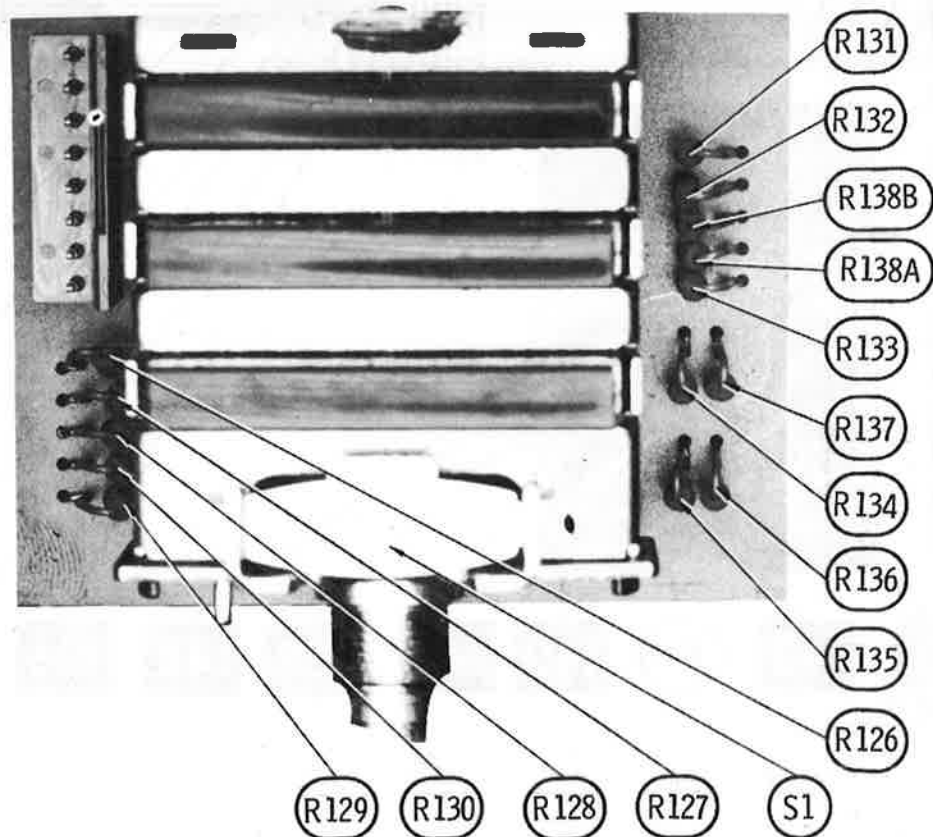
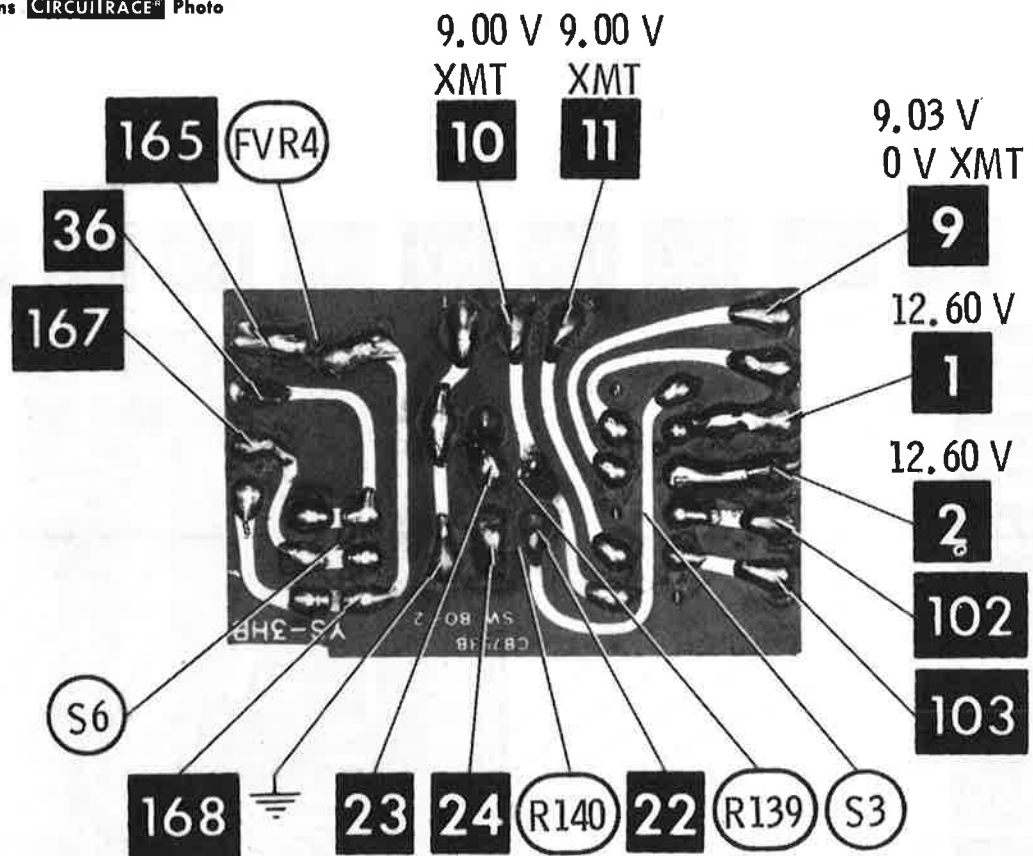
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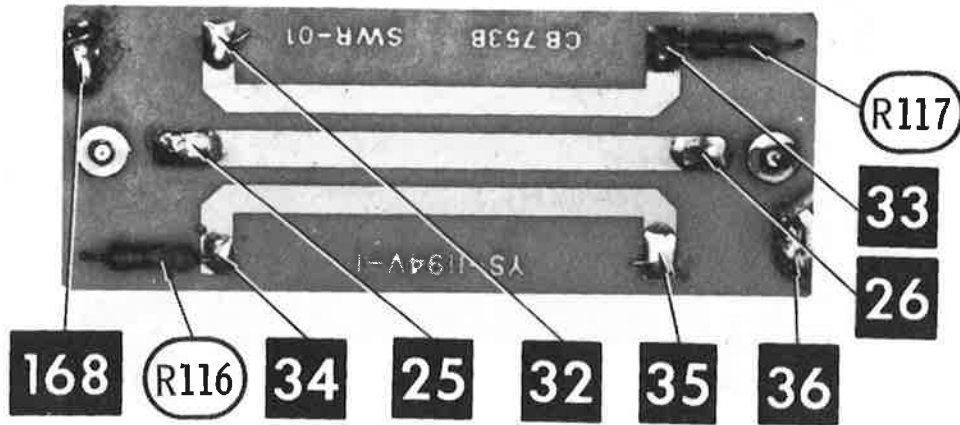


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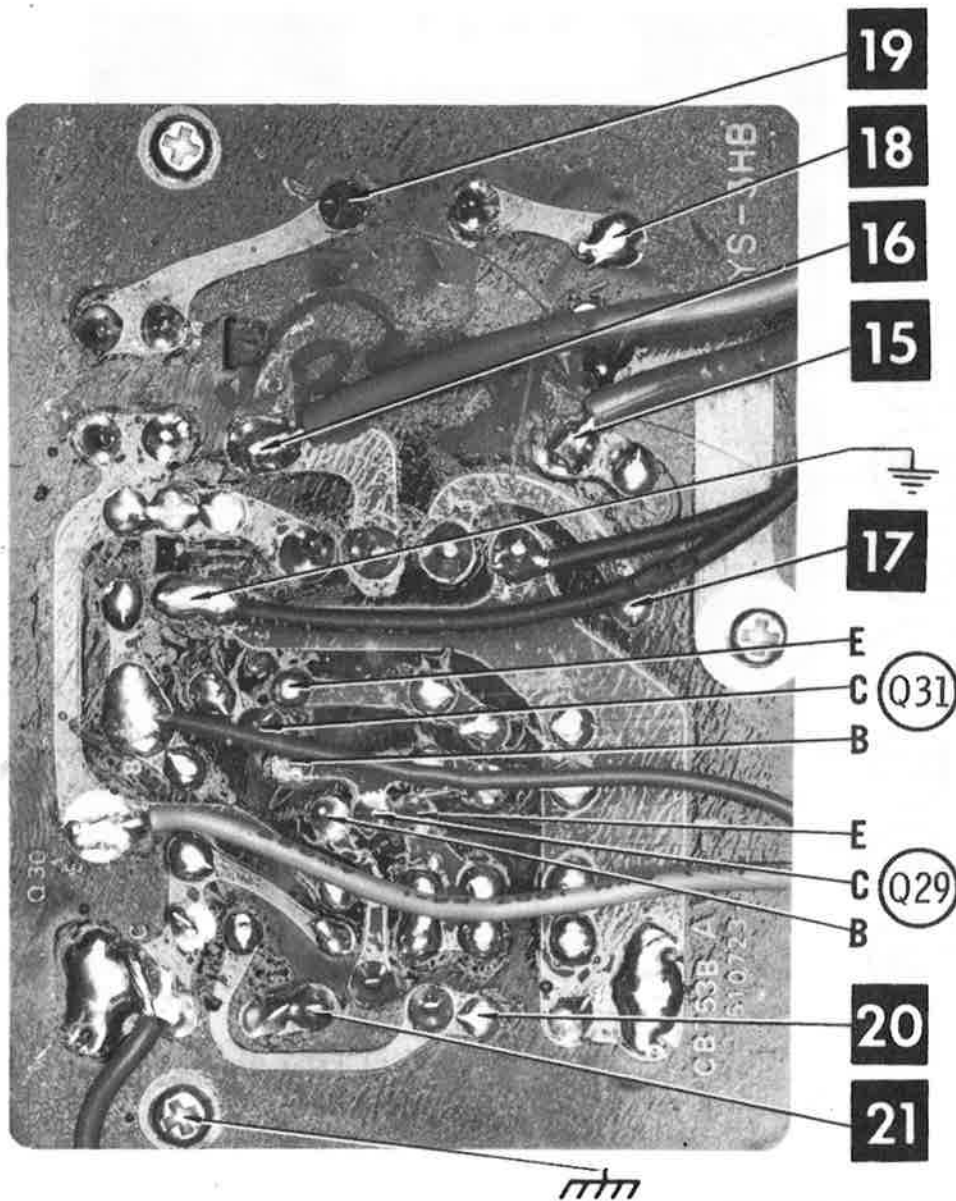


CH. SELECTOR & LED BOARD



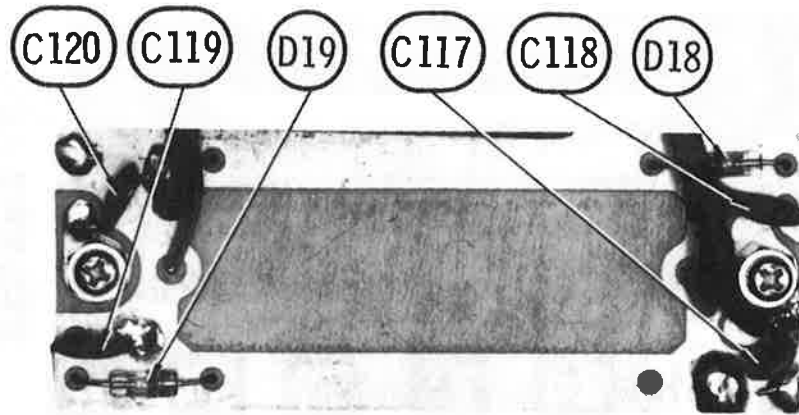


SWR BOARD

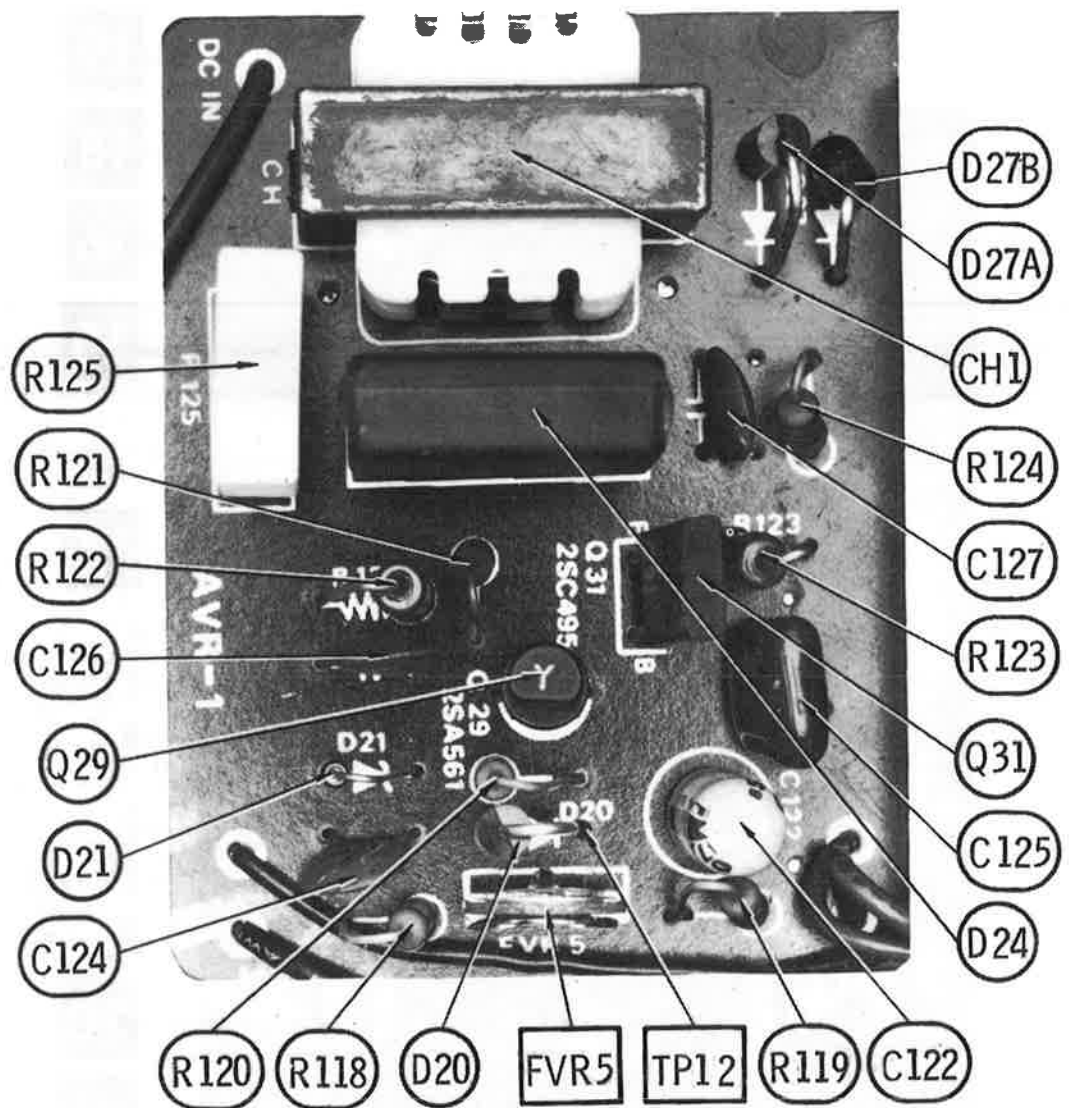


POWER SUPPLY BOARD

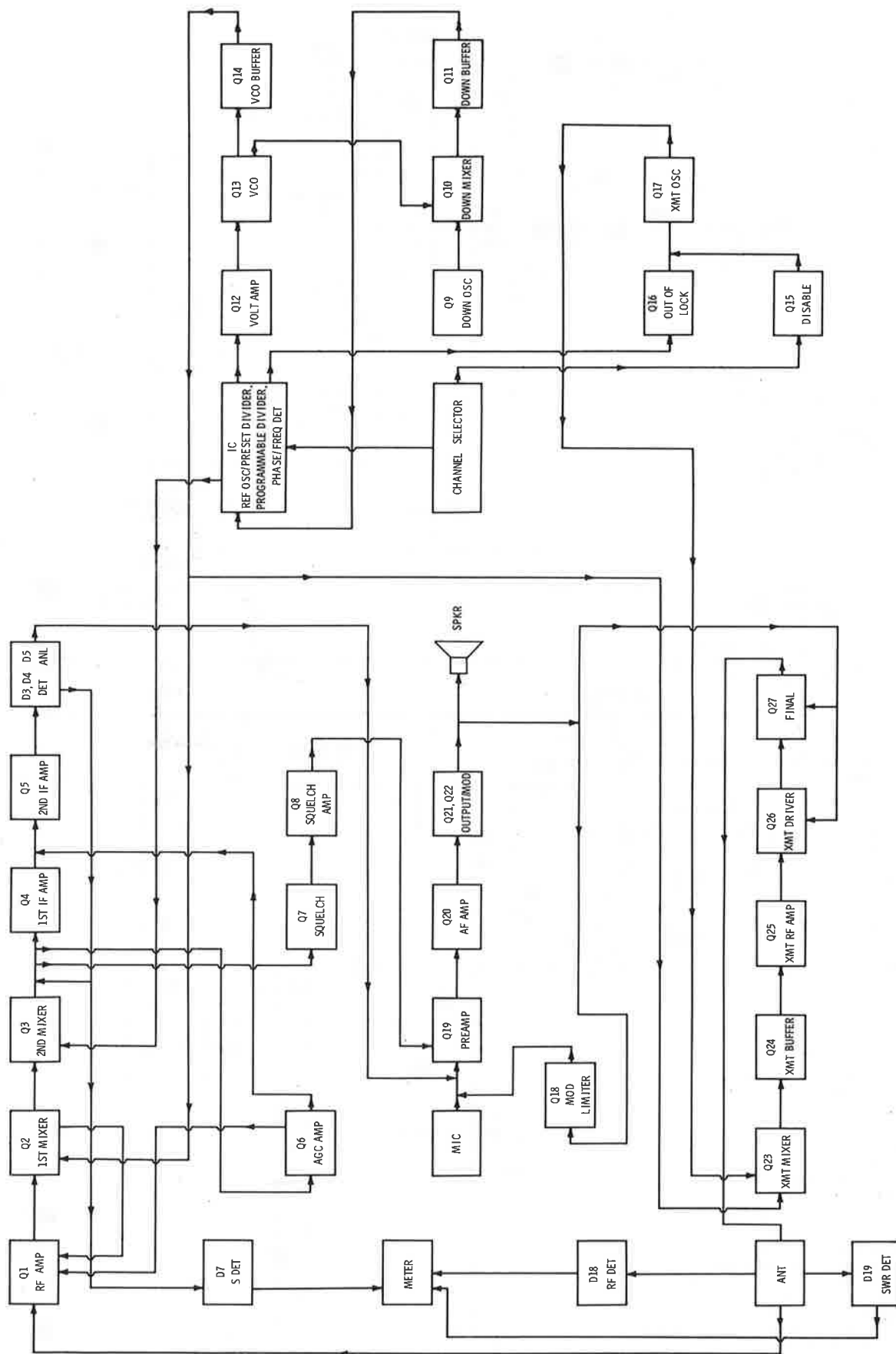
PEARCE-SIMPSON MODEL JAGUAR 408



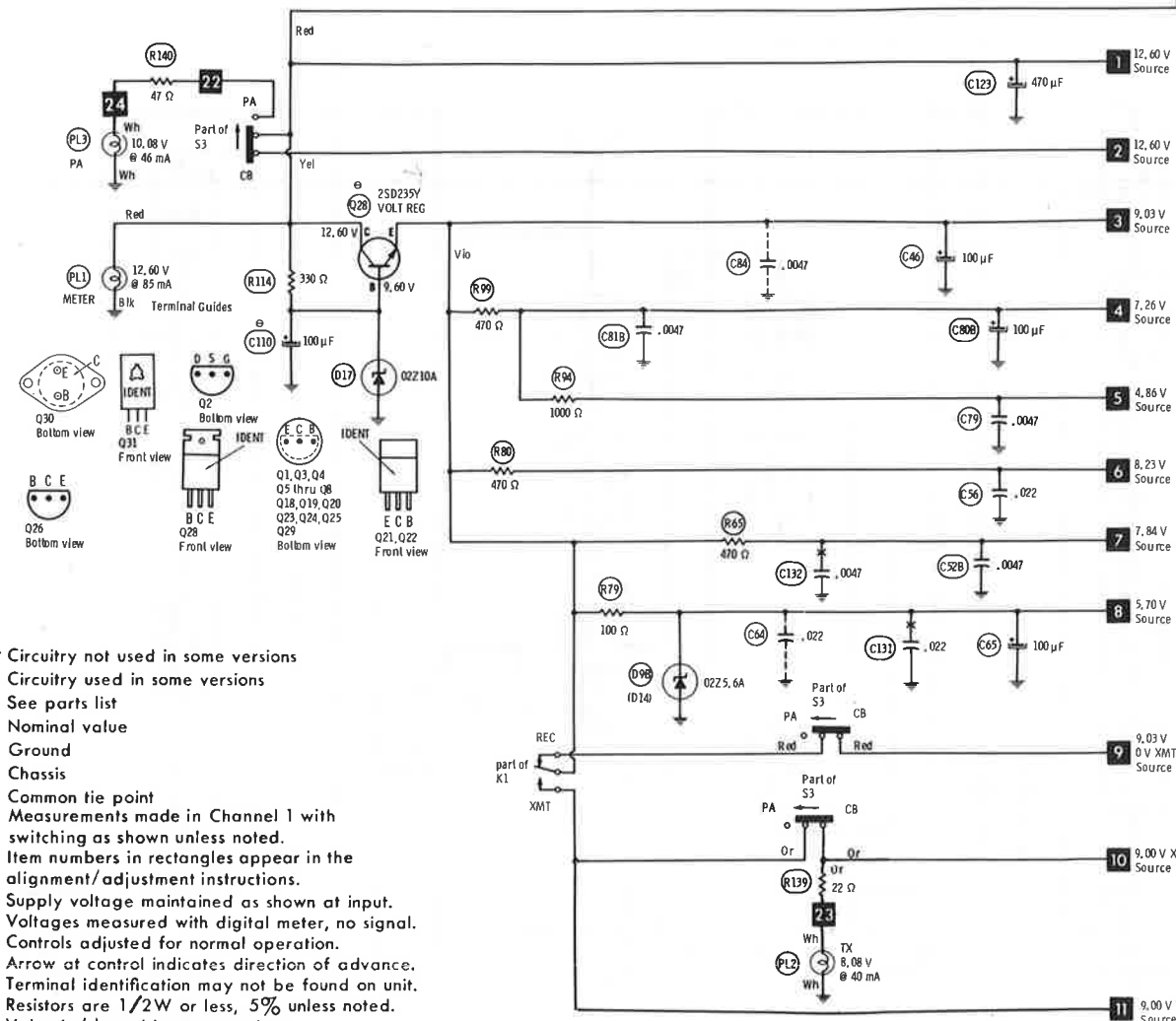
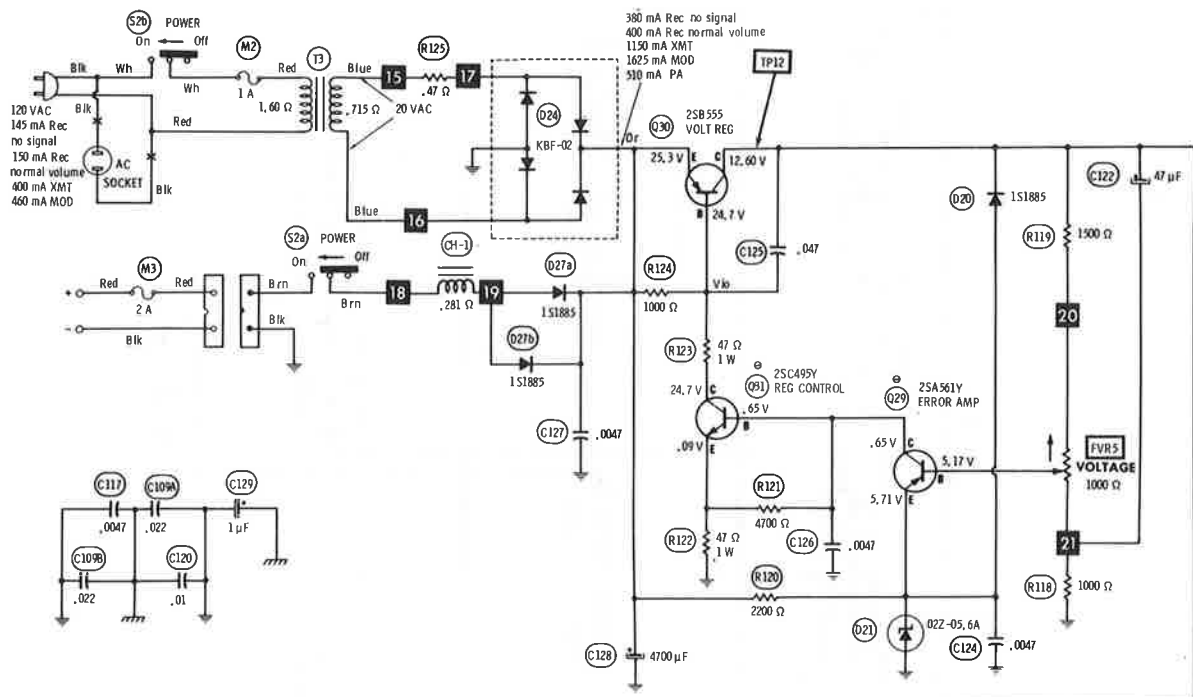
SWR BOARD



POWER SUPPLY BOARD



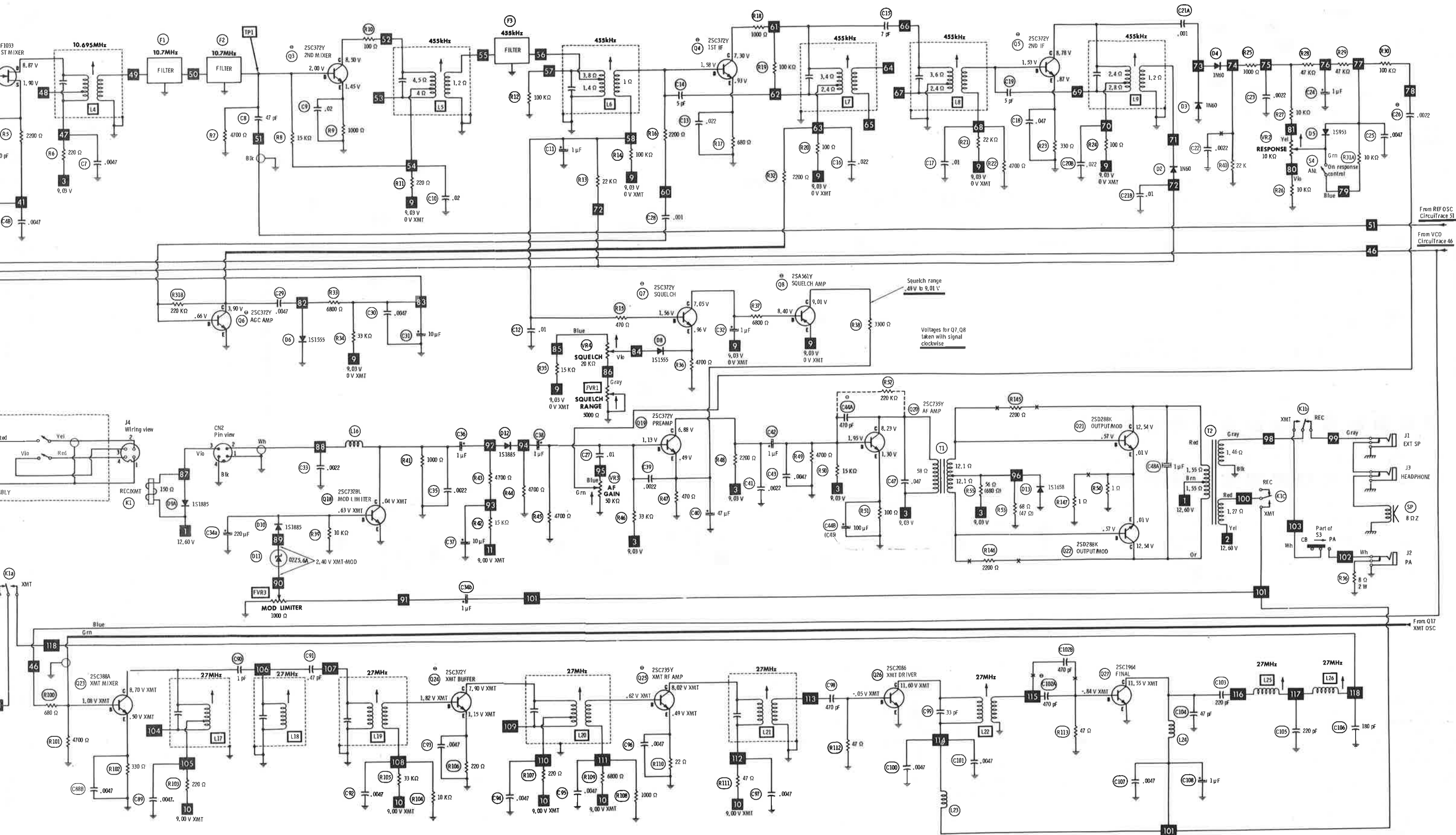
BLOCK DIAGRAM

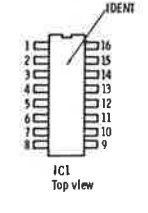
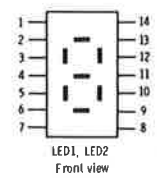
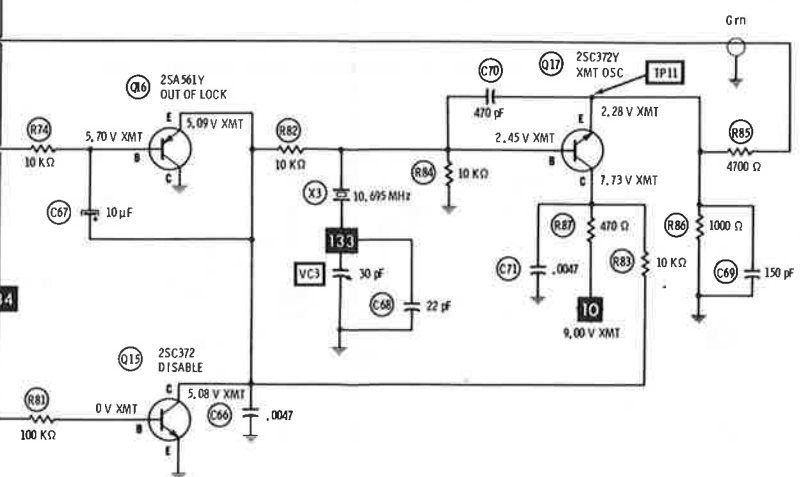
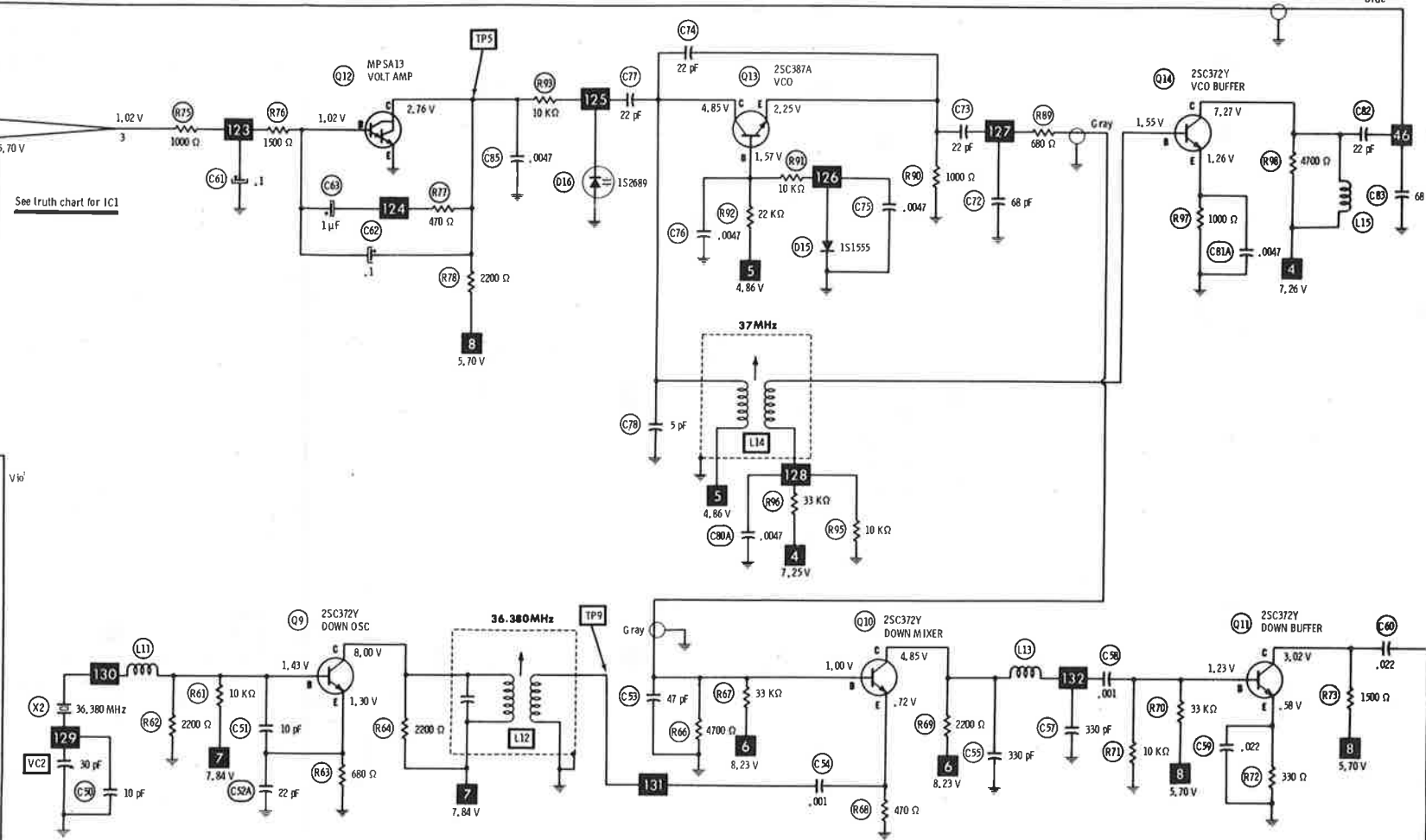
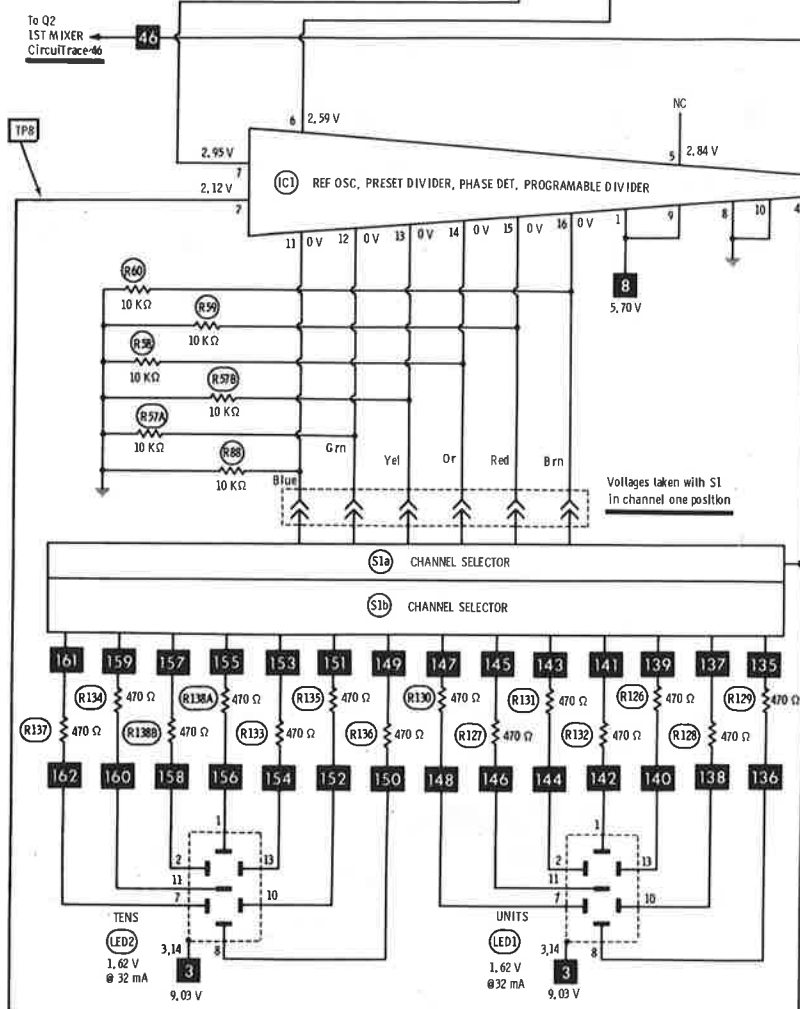
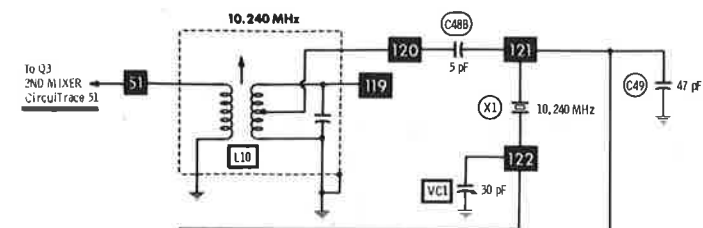


* Circuitry not used in some versions
 --- Circuitry used in some versions
 Ⓢ See parts list
 * Nominal value
 Ⓢ Ground
 m Chassis
 ▽ Common tie point
 Measurements made in Channel 1 with switching as shown unless noted.
 Item numbers in rectangles appear in the alignment/adjustment instructions.
 Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow at control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 5% unless noted.
 Value in () used in some versions.

A PHOTOFACT STANDARD NOTATION SCHEMATIC
 WITH **CIRCUITRACE**[®]

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A PHOTOFACT STANDARD NOTATION SCHEMATIC

WITH CIRCUITRACE®

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PARTS LIST AND DES

(When ordering parts, state Model,

WIRING DATA

General-use Hook-up Wire (availa
 Shielded Hook-up Wire (spiral wr
 Speaker Cable (available in 4 co
 Braided
 Bonding Strap
 AC Power Cord

SEMICONDUCTORS (Select repl

ITEM No.	TYPE No.	MFR. PART No.	GENERAL ELECTRIC PART No.
D1	1S953		GE-300
D2	1N60		1N60
D3	1N60		1N60
D4	1N60		1N60
D5	1S953		GE-300
D6	1S1555		GE-300
D7	1N60		1N60
D8	1S1555		GE-300
D9A	1S1885		GE-504A
D9B	02Z-5.6A		GEZD-5.6
(D14)	02Z-5.6A		GEZD-5.6
D10	1S1885		GE-504A
D11	02Z-5.6A		GEZD-5.6
D12	1S1885		GE-504A
D13	1S1658		GE-90
D15	1S1555		GE-300
D16	1S2689		GE-90
D17	02Z-10A		GEZD-10
D18	1N60		1N60
D19	1N60		1N60
D20	1S1885		GE-504A
D21	02Z-5.6A		GEZD-5.6
D24	KBF-02		GE-510
D27A	1S1885		GE-504A
D27B	1S1885		GE-504A
IC1	NIS7261A		
Q1	2SC388A		GE-61*
Q2	JF1033		GE-FET-2
Q3	2SC372Y		GE-61*
Q4	2SC372Y		GE-61*
Q5	2SC372Y		GE-61*
Q6	2SC372Y		GE-61*
Q7	2SC372Y		GE-61*
Q8	2SC372Y		GE-61*
Q9	2SC372Y		GE-61*
Q10	2SC372Y		GE-61*
Q11	2SC372Y		GE-61*
Q12	MPS-A13		GE-64
Q13	2SC387A		GE-214
Q14	2SC372Y		GE-61*
Q15	2SC372Y		GE-61*
Q16	2SC372Y		GE-61*
Q17	2SC372Y		GE-61*
Q18	2SC372Y		GE-61*
Q19	2SC372Y		GE-61*
Q20	2SC372Y		GE-61*
Q21	2SD288K		GE-66
Q22	2SD288K		GE-66
Q23	2SC388A		GE-61*
Q24	2SC372Y		GE-61*
Q25	2SC372Y		GE-61*
Q26	2SC372Y		GE-61*
Q27	2SC196A		GE-215
Q28	2SD235Y		GE-66
Q29	2SD235Y		GE-66
Q30	2SA561Y		GE-82*
Q31	2SA561Y		GE-82*
Q32	2SA561Y		GE-82*
Q33	2SA561Y		GE-82*
Q34	2SA561Y		GE-82*
Q35	2SA561Y		GE-82*
Q36	2SA561Y		GE-82*
Q37	2SA561Y		GE-82*
Q38	2SA561Y		GE-82*
Q39	2SA561Y		GE-82*
Q40	2SA561Y		GE-82*
Q41	2SA561Y		GE-82*
Q42	2SA561Y		GE-82*
Q43	2SA561Y		GE-82*
Q44	2SA561Y		GE-82*
Q45	2SA561Y		GE-82*
Q46	2SA561Y		GE-82*
Q47	2SA561Y		GE-82*
Q48	2SA561Y		GE-82*
Q49	2SA561Y		GE-82*
Q50	2SA561Y		GE-82*
Q51	2SA561Y		GE-82*
Q52	2SA561Y		GE-82*
Q53	2SA561Y		GE-82*
Q54	2SA561Y		GE-82*
Q55	2SA561Y		GE-82*
Q56	2SA561Y		GE-82*
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Q73	2SA561Y		GE-82*
Q74	2SA561Y		GE-82*
Q75	2SA561Y		GE-82*
Q76	2SA561Y		GE-82*
Q77	2SA561Y		GE-82*
Q78	2SA561Y		GE-82*
Q79	2SA561Y		GE-82*
Q80	2SA561Y		GE-82*
Q81	2SA561Y		GE-82*
Q82	2SA561Y		GE-82*
Q83	2SA561Y		GE-82*
Q84	2SA561Y		GE-82*
Q85	2SA561Y		GE-82*
Q86	2SA561Y		GE-82*
Q87	2SA561Y		GE-82*
Q88	2SA561Y		GE-82*
Q89	2SA561Y		GE-82*
Q90	2SA561Y		GE-82*
Q91	2SA561Y		GE-82*
Q92	2SA561Y		GE-82*
Q93	2SA561Y		GE-82*
Q94	2SA561Y		GE-82*
Q95	2SA561Y		GE-82*
Q96	2SA561Y		GE-82*
Q97	2SA561Y		GE-82*
Q98	2SA561Y		GE-82*
Q99	2SA561Y		GE-82*
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Q110	2SA561Y		GE-82*
Q111	2SA561Y		GE-82*
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Q117	2SA561Y		GE-82*
Q118	2SA561Y		GE-82*
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Q120	2SA561Y		GE-82*
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Q127	2SA561Y		GE-82*
Q128	2SA561Y		GE-82*
Q129	2SA561Y		GE-82*
Q130	2SA561Y		GE-82*
Q131	2SA561Y		GE-82*
Q132	2SA561Y		GE-82*
Q133	2SA561Y		GE-82*
Q134	2SA561Y		GE-82*
Q135	2SA561Y		GE-82*
Q136	2SA561Y		GE-82*
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Q138	2SA561Y		GE-82*
Q139	2SA561Y		GE-82*
Q140	2SA561Y		GE-82*
Q141	2SA561Y		GE-82*
Q142	2SA561Y		GE-82*
Q143	2SA561Y		GE-82*
Q144	2SA561Y		GE-82*
Q145	2SA561Y		GE-82*
Q146	2SA561Y		GE-82*
Q147	2SA561Y		GE-82*
Q148	2SA561Y		GE-82*
Q149	2SA561Y		GE-82*
Q150	2SA561Y		GE-82*
Q151	2SA561Y		GE-82*
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Q153	2SA561Y		GE-82*
Q154	2SA561Y		GE-82*
Q155	2SA561Y		GE-82*
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Q157	2SA561Y		GE-82*
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Q161	2SA561Y		GE-82*
Q162	2SA561Y		GE-82*
Q163	2SA561Y		GE-82*
Q164	2SA561Y		GE-82*
Q165	2SA561Y		GE-82*
Q166	2SA561Y		GE-82*
Q167	2SA561Y		GE-82*
Q168	2SA561Y		GE-82*
Q169	2SA561Y		GE-82*
Q170	2SA561Y		GE-82*
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Q179	2SA561Y		GE-82*
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Q181	2SA561Y		GE-82*
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Q183	2SA561Y		GE-82*
Q184	2SA561Y		GE-82*
Q185	2SA561Y		GE-82*
Q186	2SA561Y		GE-82*
Q187	2SA561Y		GE-82*
Q188	2SA561Y		GE-82*
Q189	2SA561Y		GE-82*
Q190	2SA561Y		GE-82*
Q191	2SA561Y		GE-82*
Q192	2SA561Y		GE-82*
Q193	2SA561Y		GE-82*
Q194	2SA561Y		GE-82*
Q195	2SA561Y		GE-82*
Q196	2SA561Y		GE-82*
Q197	2SA561Y		GE-82*
Q198	2SA561Y		GE-82*
Q199	2SA561Y		GE-82*
Q200	2SA561Y		GE-82*
Q201	2SA561Y		GE-82*
Q202	2SA561Y		GE-82*
Q203	2SA561Y		GE-82*
Q204	2SA561Y		GE-82*
Q205	2SA561Y		GE-82*
Q206	2SA561Y		GE-82*
Q207	2SA561Y		GE-82*
Q208	2SA561Y		GE-82*
Q209	2SA561Y		GE-82*
Q210	2SA561Y		GE-82*
Q211	2SA561Y		GE-82*
Q212	2SA561Y		GE-82*
Q213	2SA561Y		GE-82*
Q214	2SA561Y		GE-82*
Q215	2SA561Y		GE-82*
Q216	2SA561Y		GE-82*
Q217	2SA561Y		GE-82*
Q218	2SA561Y		GE-82*
Q219	2SA561Y		GE-82*
Q220	2SA561Y		GE-82*
Q221	2SA561Y		GE-82*
Q222	2SA561Y		GE-82*
Q223	2SA561Y		GE-82*
Q224	2SA561Y		GE-82*
Q225	2SA561Y		GE-82*
Q226	2SA561Y		GE-82*
Q227	2SA561Y		GE-82*
Q228	2SA561Y		GE-82*
Q229	2SA561Y		GE-82*
Q230	2SA561Y		GE-82*
Q231	2SA561Y		GE-82*
Q232	2SA561Y		GE-82*
Q233	2SA561Y		GE-82*
Q234	2SA561Y		GE-82*
Q235	2SA561Y		GE-82*
Q236	2SA561Y		GE-82*
Q237	2SA561Y		GE-82*
Q238	2SA561Y		GE-82*
Q239	2SA561Y		GE-82*
Q240	2SA561Y		GE-82*
Q241	2SA561Y		GE-82*
Q242	2SA561Y		GE-82*
Q243	2SA561Y		GE-82*
Q244	2SA561Y		GE-82*
Q245	2SA561Y		GE-82*
Q246	2SA561Y		GE-82*
Q247	2SA561Y		GE-82*
Q248	2SA561Y		GE-82*
Q249	2SA561Y		GE-82*
Q250	2SA561Y		GE-82*
Q251	2SA561Y		GE

PARTS LIST AND DESCRIPTION
(When ordering parts, state Model, Part Number, and Description.)

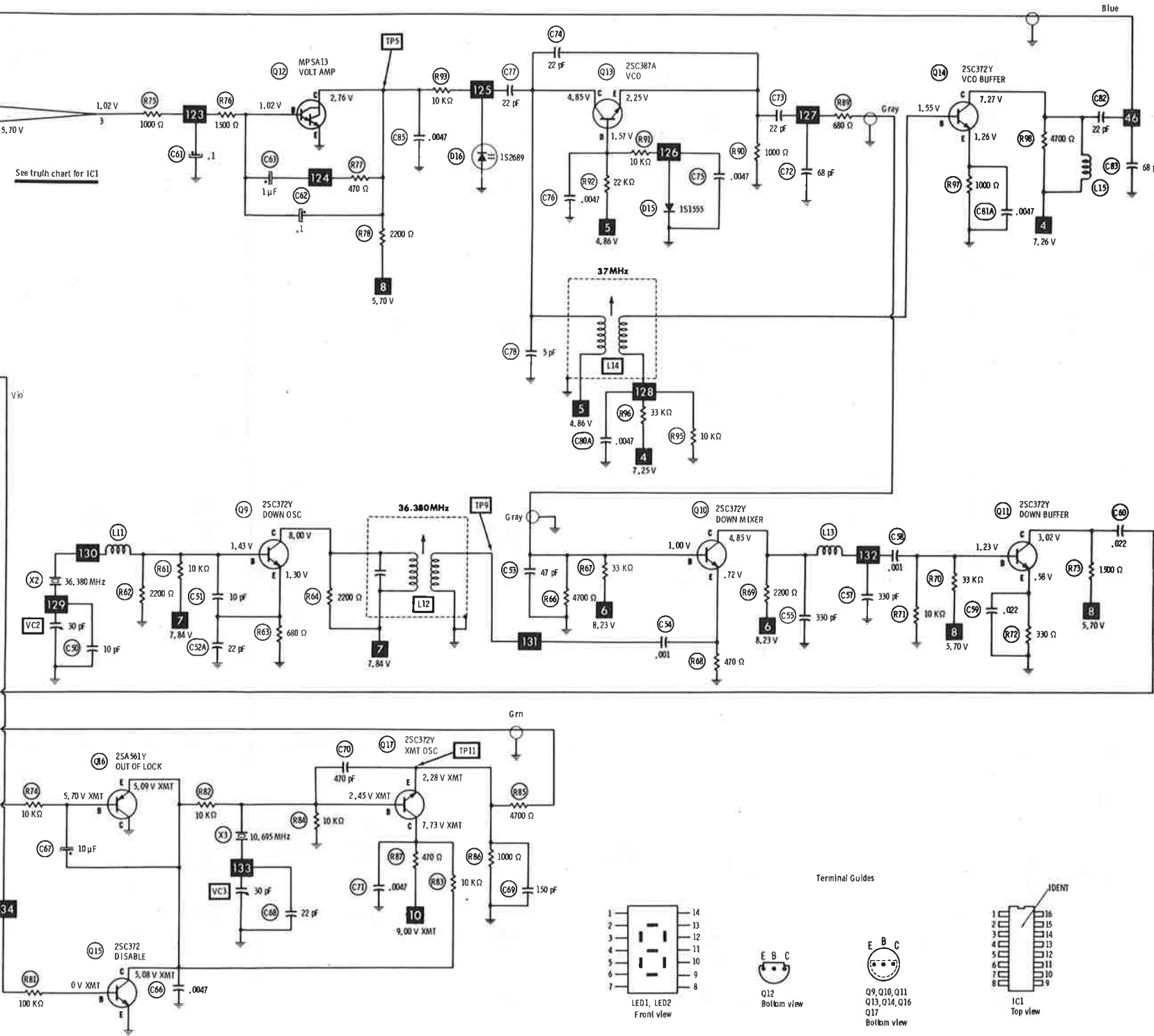
WIRING DATA

General-use Hook-up Wire (available in 5 colors)	BELDEN No. 8523	Coiled Microphone Cable
Shielded Hook-up Wire (spiral wrapped)	BELDEN No. 8421	3-conductor (1 shielded) 23AWG Belden No. 9471 (5')
Speaker Cable (available in 4 colors)	BELDEN No. 8401	BELDEN No. 8497 (6')
Bonding Strap	BELDEN No. 8782	BELDEN No. 9472 (7-1/2')
AC Power Cord	BELDEN No. 8672	28AWG Belden No. 9466 (6')
	BELDEN No. 17106	31AWG Belden No. 9468 (10')
	BELDEN No. 17109	5-conductor (1 shielded) 28AWG Belden No. 9467 (6')
		BELDEN No. 9465 (7-1/2')

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA											
			GENERAL ELECTRIC PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.		
D1	1S953		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062			
D2	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430		
D3	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430		
D4	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430		
D5	1S953		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062			
D6	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062			
D7	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430		
D8	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062			
D9A	1S1885		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156	212-76-02		
D9B	02Z-5, 6A		GEZD-5, 6	ZB5, 6B		REN 136	SK3057	RT-236	ECG136A	1N4734A	WEP1104			
(D14)	02Z-5, 6A		GEZD-5, 6	ZB5, 6B		REN 136	SK3057	RT-236	ECG136A	1N4734A	WEP1104			
D10	1S1885		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156	212-76-02		
D11	02Z-5, 6A		GEZD-5, 6	ZB5, 6B		REN 136	SK3057	RT-236	ECG136A	1N4734A	WEP1104			
D12	1S1885		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156	212-76-02		
D13	1S1658		GE-90	PTC201	HEPR2503	REN 614	SK3463	RT-262	ECG614		WEP200	ZEN-453		
	M8513			PTC301		REN 601	SK3100		ECG601					
D15	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062			
D16	1S2689		GE-90	PTC311	HEPR2503	REN 614		RT-262	ECG614		WEP200	ZEN-453		
D17	02Z-10A		GEZD-10	ZB10A	HEP20413	REN 140	SK3061	RT-241	ECG140	1N4740A	WEP1110			
D18	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430		
D19	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430		
D20	1S1885		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156	212-76-02		
D21	02Z-5, 6A		GEZD-5, 6	ZB5, 6B		REN 136	SK3057	RT-236	ECG136A	1N4734A	WEP1104			
D24	KB-F-02		GE-510	PTC205	HEPR0170	REN 125	SK3081	RT-201	ECG125		WEP170			
D27A	1S1885		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156	212-76-02		
D27B	1S1885		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156	212-76-02		
IC1	NIS7261A													
Q1	2SC388A		GE-61*	PTC101*	HEPS0020*	REN 161	SK3018*	RT-308	ECG233*	2SC735	WEP535	ZEN-127		
Q2	JF1033		GE-FET-2	PTC161	HEPF0021	REN 132	SK3448	RT-175	ECG312		WEP372	ZEN-123		
Q3	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q4	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q5	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q6	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q7	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q8	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SA561Y		GE-82*	PTC103	HEPS0019*	REN 159*	SK3466	RT-103A*	ECG159*	2SC372	WEP62*	121-879*		
	2SA561		GE-82*	PTC103	HEPS0019*	REN 159*	SK3466	RT-103A*	ECG159*		WEP62*	121-879*		
Q9	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q10	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q11	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q12	MPS-A13		GE-64	PTC153	HEPS9100	REN 172	SK3156	RT-144	ECG172		WEP970	ZEN-128		
Q13	2SC387A		GE-214	PTC132*	HEPS0020*	REN 161	SK3039*	RT-134	ECG316*	2SC717*	WEP56*	ZEN-104		
Q14	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q15	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q16	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SA561Y		GE-82*	PTC103	HEPS0019*	REN 159*	SK3466	RT-103A*	ECG159*		WEP62*	121-879*		
Q17	2SC372Y		GE-82*	PTC103	HEPS0019*	REN 159*	SK3466	RT-103A*	ECG159*		WEP62*	121-879*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q18	2SC792BL		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-62	PTC139*	HEPS0024*	REN 199	SK3122	RT-302	ECG199		WEP66	ZEN-128		
Q19	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q20	2SC735Y		GE-210*	PTC123*	HEPS0014*	REN 289	SK3122	RT-308*	ECG289	2SC735	WEP735A	ZEN-127		
	2SC735		GE-210*	PTC123*	HEPS0014*	REN 289	SK3122	RT-308*	ECG289	2SC735	WEP735A	ZEN-127		
Q21	2SD288K		GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	2SD235	WEP745	121-987-02		
	2SD235		GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	2SD235	WEP745	121-987-02		
Q22	2SD288K		GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	2SD235	WEP745	121-987-02		
	2SD235		GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	2SD235	WEP745	121-987-02		
Q23	2SC388A		GE-61*	PTC101*	HEPS0020*	REN 161	SK3018*	RT-308	ECG233*	2SC735	WEP535	ZEN-127		
Q24	2SC372Y		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
	2SC372		GE-61*	PTC121*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	2SC372	WEP372	121-29000*		
Q25	2SC735Y		GE-210*	PTC123*	HEPS0014*	REN 289	SK3122	RT-308*	ECG289	2SC735	WEP735A	ZEN-127		
	2SC735		GE-210*	PTC123*	HEPS0014*	REN 289	SK3122	RT-308*	ECG289	2SC735	WEP735A	ZEN-127		
Q26	2SC2086		GE-47*	PTC143*	HEPS3001*	REN 293*		RT-308*	ECG289	2SC735	WEP735A	ZEN-127		
Q27	2SC1964		GE-215	PTC186		REN 235	SK3197	RT-146	ECG235		WEP785			
Q28	2SD235Y		GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	2SD235	WEP745	121-987-02		
	2SD235		GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	2SD235	WEP745	121-987-02		
Q29	2SA561Y		GE-82*	PTC103	HEPS0019*	REN 159*	SK3466	RT-103A*	ECG159*		WEP62*	121-879*		
	2SA561		GE-82*	PTC103	HEPS0019*	REN 159*	SK3466	RT-103A*	ECG159*		WEP62*	121-879*		
Q30	2SB555		GE-263	PTC149			SK3359	RT-103A*	ECG159*		WEP62*	121-879*		
Q31	2SC495Y		GE-270	PTC180		REN 295	SK3253	RT-162	ECG295		WEP913	ZEN-209		
	2SC495		GE-270	PTC180		REN 295	SK3253	RT-162	ECG295		WEP913	ZEN-209		

* Lead configuration may vary from original.



PEARCE-SIMPSON MODEL JAGUAR 40B

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C11	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C24	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C31	10 16V		PC10-25	VTT10B25	QV1-41	EV-1222
C32	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C34A	220 6.3V		PC250-10	VTT220F10	QV1-115	EV-1140
C34B	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C36	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C37	10 16V		PC10-25	VTT10B25	QV1-41	EV-1222
C38	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C40	47 10V		PC50-16	VTT47D16	QV1-73	EV-1226
C42	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C44B	100 10V		PC100-10	VTT100E10	QV1-93	EV-1130
C46	100 10V		PC100-10	VTT100E10	QV1-93	EV-1130
C48A	1 50V NP		WNP1-50	TCN501A	QEN1-20	TVAN-1560
C61	.1 35V			TDC104M050EL	QDT1-2	SD50-R109
C62	.1 35V			TDC104M050EL	QDT1-2	SD50-R109
C63	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C65	100 10V		PC100-10	VTT100E10	QV1-93	EV-1130
C67	10 16V		PC10-25	VTT10B25	QV1-41	EV-1222
C80B	100 10V		PC100-10	VTT100E10	QV1-93	EV-1130
C108	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615
C110	100 10V		PC100-10	VTT100E10	QV1-93	EV-1130
	10 16V		PC10-25	VTT10B25	QV1-41	EV-1222
C122	47 10V		PC50-16	VTT47D16	QV1-73	EV-1226
C123	470 10V		PC500-16	VTT470K16	QV1-149	EV-1150
C126	4700 35V		BB0072B(1)	FP202(1)	TVLU-1129	TVLU-2065(1)
C129	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615

(1) Parallel sections.

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C1	.001 50V		DD-102G	GP1000	GP210	QC2-81	56A-D10
C2	300 50V		DD-301	GP300	GP330		10TS-T30
C3	.0047 50V		DD-472	GP4700	GP247		56A-D47
C4A	.0047 50V		DD-472	GP4700	GP247		56A-D47
C4B	.0047 50V		DD-472	GP4700	GP247		56A-D47
C5	1 50V				CN0510		10TCC-V10
C6	100 50V		DD-101	GP100	GP310		10TS-T10
C7	.0047 50V		DD-472	GP4700	GP247		56A-D47
C8	47 50V		DTZ-47	NP047	CN0447		10TCC-Q47
C9	.02 50V			DPMS2S2	PVC212		2PS-S20
C10	.02 50V			DPMS2S2	PVC212		2PS-S20
C12	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C13	.022 50V			DPMS2S22	EWFA1A122	QF1-127	1PB-S22
C14	5 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C15	7 50V		DTZ-6R8	NP06P8	CN0568		10TCC-V68
C16	.022 50V			DPMS2S22	EWFA1A122	QF1-127	1PB-S22
C17	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C18	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C19	5 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C20B	.022 50V			DPMS2S22	EWFA1A122	QF1-127	1PB-S22
C21A	.001 50V		DD-102G	GP1000	GP210	QC2-81	56A-D10
C21B	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C22	.0022 50V		DD-222		GP222	QC2-97	56A-D22
C23	.0022 50V		DD-222		GP222	QC2-97	56A-D22
C25	.0047 50V		DD-472	GP4700	GP247		56A-D47
C26	.0022 50V			DPMS6D22	EWFA1A110	QF1-91	1PB-S10
C27	.01 50V			WMF1S1	EWFA1A110	QC2-81	56A-D10
C28	.001		DD-102G	GP1000	GP210		56A-D10
C29	.0047 50V		DD-472	GP4700	GP247		56A-D47
C30	.0047 50V		DD-472	GP4700	GP247		56A-D47
C33	.0022 50V		DD-222		GP222	QC2-97	56A-D22
C35	.0022 50V		DD-222		GP222	QC2-97	56A-D22
C39	.0022 50V		DD-222		GP222	QC2-97	56A-D22
C41	.0022 50V		DD-222		GP222	QC2-97	56A-D22
C43	.0047 50V		DD-472	GP4700	GP247		56A-D47
C44A	470 50V		DD-471	GP470	GP347		10TS-T47
C47	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C48B	5 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C49	47 50V		DTZ-47	NP047	CN0447		10TCC-Q47
C50	10 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C51	10 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C52A	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C52B	.0047 50V		DD-472	GP4700	GP247		56A-D47
C53	47 50V		DTZ-47	NP047	CN0447		10TCC-Q47
C54	.001 50V		DD-102G	GP1000	GP210	QC2-81	56A-D10
C55	330 50V		DD-331	GP330	GP333		10TS-T33
C56	.022 50V				GP120		56A-S20
C57	330 50V		DD-331	GP330	GP333		10TS-T33
C58	.001 50V		DD-102G	GP1000	GP210	QC2-81	56A-D10
C59	.022 50V				GP120		56A-S20
C60	.022 50V				GP120		56A-S20
C64	.022 50V				GP120		56A-S20
C66	.0047 50V		DD-472	GP4700	GP247		56A-D47
C68	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C69	150 50V		DD-151		GP315		10TS-T15

PEARCE-SIMPSON MODEL JAGUAR 40B

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

CAPACITORS (cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C70	470 50V		DD-471	GP470	GP347		10TS-T47
C71	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C72	68 50V		DD-680	GP68	GP468		10TS-Q68
C73	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C74	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C75	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C76	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C77	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C78	5 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C79	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C80A	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C81A	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C81B	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C82	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C83	68 50V		DD-680	GP68	GP468		10TS-Q68
C84	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C85	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C86	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C87	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C88A	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C88B	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C89	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C90	1 50V				CN0510		10TCC-V10
C91	.47 50V pF						
C92	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C93	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C94	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C95	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C96	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C97	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C98	470 50V		DD-471	GP470	GP347		10TS-T47
C99	33 50V		DTZ-33	NP033	CN0433		10TCC-Q33
C100	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C101	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C102A	470 50V		DD-471	GP470	GP347		10TS-T47
C102B	470 50V		DD-471	GP470	GP347		10TS-T47
C103	220 50V		DD-221	GP322	GP322		10TS-T22
C104	47 50V		DTZ-47	NP047	CN0447		10TCC-Q47
C105	220 50V		DD-221	GP322	GP322		10TS-T22
C106	180 50V		DD-181	GP318	GP318		10TS-T18
C107	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C109A	.022 50V				GP120		5GA-S20
C109B	.022 50V				GP120		5GA-S20
C111	120 50V		DD-221	GP322	GP322		10TS-T22
C112	470 50V		DD-471	GP470	GP347		10TS-T47
C113	120 50V		DD-221	GP322	GP322		10TS-T22
C114	56 50V				CN0456		10TCC-Q56
C115	120 50V		DD-221	GP322	GP322		10TS-T22
C116	47 50V		DTZ-47	NP047	CN0447		10TCC-Q47
C117	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C118	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C119	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C120	.01 50V		DC-103	MGPO1	TA110	QC2-141	TG-S10
C121	10 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C124	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C125	.047 50V			DPMS2S47	EWFTA147	QF1-771	1PB-S47
C126	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C127	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C131	.022 50V				GP120		5GA-S20
C132	.0047 50V		DD-472	GP4700	GP247		5GA-D47
VC1	30 50V						
VC2	30 50V						
VC3	30 50V						

CONTROLS (All wattages 1/2 watt, or less, unless listed)

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA			
			MFR. PART No.	CENTRALAB PART No.	MALLORY PART No.	TRW PART No.
FVR1	Squelch Range	5000		T-5000	MTC53L1	X201R502B
FVR2	S	10K		T-10K	MTC14L1	X201R103B
FVR3	Mod. Limiter	1000		T-1000	MTC13L1	X201R102B
FVR4	RF	50K		T-50K	MTC54L1	X201R503B
FVR5	Voltage	1000		T-1000	MTC13L1	X201R102B
VR1	RF Gain	5000				
VR2	Response/ANL SW	10K				
VR3	AF Gain	50K				
VR4	Squelch	20K				
VR5	SWR CAL/SWR SW	50K				

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	Rec Antenna (27MHz)				
L2	Rec RF (27MHz)				
L3	Rec RF (27MHz)				
L4	IF (10.695MHz)				
L5	IF (455kHz)				
L6	IF (455kHz)				
L7	IF (455kHz)				
L8	IF (455kHz)				
L9	IF (455kHz)				
L10	Ref Osc (10.240MHz)				
L11	RF Choke (.9uH)				
L12	Down Osc (36.380MHz)				
L13	RF Choke (.47uH)				
L14	VCO (37MHz)				
L15	RF Choke (.9uH)				
L16	RF Choke (.9uH)				
L17	XMT Mixer (27MHz)				
L18	XMT Mixer (27MHz)				
L19	XMT Mixer (27MHz)				
L20	XMT Buffer (27MHz)				
L21	XMT AMP (27MHz)				
L22	XMT Driver (27MHz)				
L23	RF Choke (.9uH)				
L24	RF Choke (.9uH)				
L25	Final (27MHz)				
L26	Pi Filter (27MHz)				
L27	RF Choke				
L28	RF Choke				
L29	RF Choke				

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
CH1	1.5A	.3	4mH	CH-753(1)			(1) Number on unit.

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	1	.5		IT-753(1)			(1) Number on unit.

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T2	8	1 2 .6 1	MT-753(1)			(1) Number on unit.

PEARCE-SIMPSON MODEL JAGUAR 40B

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

TRANSFORMER (Power)

ITEM No.	RATING		REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	MFG. PART No.	THORDARSON PART No.	TRIAD PART No.	
T3	120V AC @ 460mA AC	20V AC @ 25.25A AC	PT-753(1)			(1) Number on unit.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFG. PART No.	QUAM PART No.	
SP	2 3/4" X 4" PM 8 Ohms			

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA						
		PART No.		BUSS PART No.		LITTELFUSE PART No.		WORKMAN PART No.
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER	DEVICE
M2	1 Amp			AGC1	HKP	312001	342012	FG1-2
M3	2 Amp			AGC2	HDJ	312002	150145	FG2-2

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFG. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC CONNECTOR	GC Red	GC Shield	GC Yellow	GC Blue	GC White	GC Black
MIC		18-032	18-034	18-010	18-092	2	1	3	NC	NC	1

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
F1	Ceramic Filter		10.7MHz SFE-10.7mA
F2	Ceramic Filter		10.7MHz SFE-10.7mA
F3	Ceramic Filter		455kHz CFU-455Hz
K1	Relay		TX/RX 4-TR
LED1	LED		Channel Display UNITS
LED2	LED		Channel Display TENS
M1	Meter		S/RF 8000HM-200UA
PL1	Lamp		Meter (12.60V @ 85mA)
PL2	Lamp		TX (8.08V @ 40mA)
PL3	Lamp		PA (10.08V @ 46mA)
S1	Switch		Channel Selector
S2	Switch		Power SUE-32D0Y
S3	Switch		CB/PA
S4	Switch		ANL (Part of Response Control)
S5	Switch		SWR (Part of SWR CAL Control)
S6	Switch		SWR REF/FWD