



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 STALKER IX

MANUFACTURER'S SPECIFICATIONS

TRANSMITTER

Output Power

AM 4 watts

SSB 12 watts PEP

Emission Type AM

6A3

Emission Type SSB

3A3J

Spurious Harmonic Emission

Better than -60 dB

Frequency Tolerance

0.003%

Modulation Percentage (Peak)

100%

RECEIVER

Sensitivity at 10 dB S+N/N

AM 0.5 μ V

SSB 0.25 μ V

Sensitivity for 500 mW Audio Output

AM 0.25 μ V

SSB 0.15 μ V

Squelch Threshold

AM 0.5 μ V

SSB 0.2 μ V

Squelch Deepest Point

1000 μ V

"S" Meter S-9

100 μ V

Delta Tune/Clarifier

± 1.25 KHz

Maximum AF Output Power

4 watts

AF Output Power/10% Distortion

3 watts

Selectivity BW @ 6 dB Down

6 KHz

Adjacent Channel Rejection

-60 dB

Image Rejection

Greater than -60 dB

Speaker Impdance

8 ohms

PUBLIC ADDRESS

Output Power @ 10% Distortion

3.0 watts

TEABERRY MODEL STALKER IX

Courtesy of the Manufacturer

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

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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. Adjustments made with 13.8-volt DC input. 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:

L1 thru L10, L13, L14, L17 thru L20, L26 thru L29 .. 9440

L36, L39 8728,9304,9089

CT1, CT2, CT3 5000,8276,9089

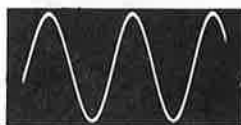


FIGURE 1



FIGURE 2



FIGURE 3

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of frequency counter to TP12 (IC2 Pin 8).	Ch. 19 AM		Check for 10.240MHz.
Input of oscilloscope to TP10.	Ch. 19, AM Clarifier Midrange	L18	Adjust for maximum RF. (2.3V p-p typical) (See Figure 1.)
Input of DC meter to TP9.	Ch. 40 AM	L13	Adjust for 3.50 volts. Check for approximately 2.50 volts on Channel 1.
Input of oscilloscope to TP1.	Ch. 19 USB	L14	Adjust for maximum RF. (300mV p-p typical) (See Figure 2.)
Input of frequency counter to TP1.	Ch. 19 USB Clarifier Midrange	CT3	Adjust for 34.9875MHz $\pm$ 20Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP1.	Ch. 19 LSB Clarifier Midrange	L19	Adjust for 34.9825MHz $\pm$ 20Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP1.	Ch. 19 AM Clarifier Midrange	L20	Adjust for 34.9850MHz $\pm$ 20Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP10.	Ch. 1 USB		Check for 1.430MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP3.	Ch. 19 USB	CT1	Adjust for 7.8025MHz +5Hz or -0Hz.
Input of frequency counter to TP3.	Ch. 19 LSB	CT2	Adjust for 7.7975MHz +0Hz or -5Hz.
Input of frequency counter to TP3. Disconnect TP7 and TP8.	Ch. 19, XMT AM	L17	Adjust for 7.8000MHz +5Hz. Reconnect TP7 and TP8.
Input of frequency counter to antenna input.	Ch. 1, XMT AM	VR3	Adjust for 26.965MHz. Check all channels. (See Page 4 for channel frequencies.)

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.
Mode AM, RF Gain Maximum, Squelch MINIMUM, Clarifier Midrange, NB Off.

AM

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP13 (TR10 Collector). 7.8MHz, 1000Hz @ 30% modulation.	Ch. 19	L3,L4	Adjust for maximum output.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19	L5,L6,L7, L8,L9,L10	Adjust for maximum output. Readjust L3 and L4 for maximum.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Input of oscilloscope to TP14 (D2 Cathode).	Ch. 19	L1,L2	Set generator output for 10db signal to noise plus noise ratio of receiver. Inject a 100pps, 1uSec. pulse width signal at antenna input. Switch Noise Blanker on and adjust for maximum amplitude pulses (10V peak typical). (See Figure 3.)

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.
Mode USB, RF Gain Maximum, Squelch MINIMUM, Clarifier Midrange, NB Off.

SSB

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP13 (TR10 Collector). 7.8025MHz, no modulation.	Ch. 19	L3,L4	Adjust for maximum output.
Output of signal generator thru .01uF to antenna input. 27.186MHz, no modulation.	Ch. 19	L5,L6,L7, L8,L9,L10	Adjust for maximum output. Readjust L3 and L4 for maximum.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Mode AM, RF Gain Maximum, Squelch MINIMUM, Clarifier Midrange, NB Off.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output 1000uV.	Ch. 19 Squelch Maximum	VR2	SQUELCH RANGE Adjust so squelch just breaks.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19	VR1	SIG METER Adjust for 9 on SIG scale of meter.

TRANSMITTER ALIGNMENT

Connect a 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.

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of RF wattmeter to antenna input. Inject a two tone 50mV signal at mic input.	Ch. 19 USB Mike Gain Maximum	L26,L27,L28, L29,L36	Set VR7 to MINIMUM. Adjust for maximum RF output.
Input of spectrum analyzer or harmonic meter to antenna input.	Ch. 19 AM Mike Gain MINIMUM	L39	Adjust for MINIMUM at 54MHz (2nd harmonic).

TRANSMITTER ADJUSTMENTS

Connect a 50-ohm, 25-watt dummy load to antenna connector.

NOTE: Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.

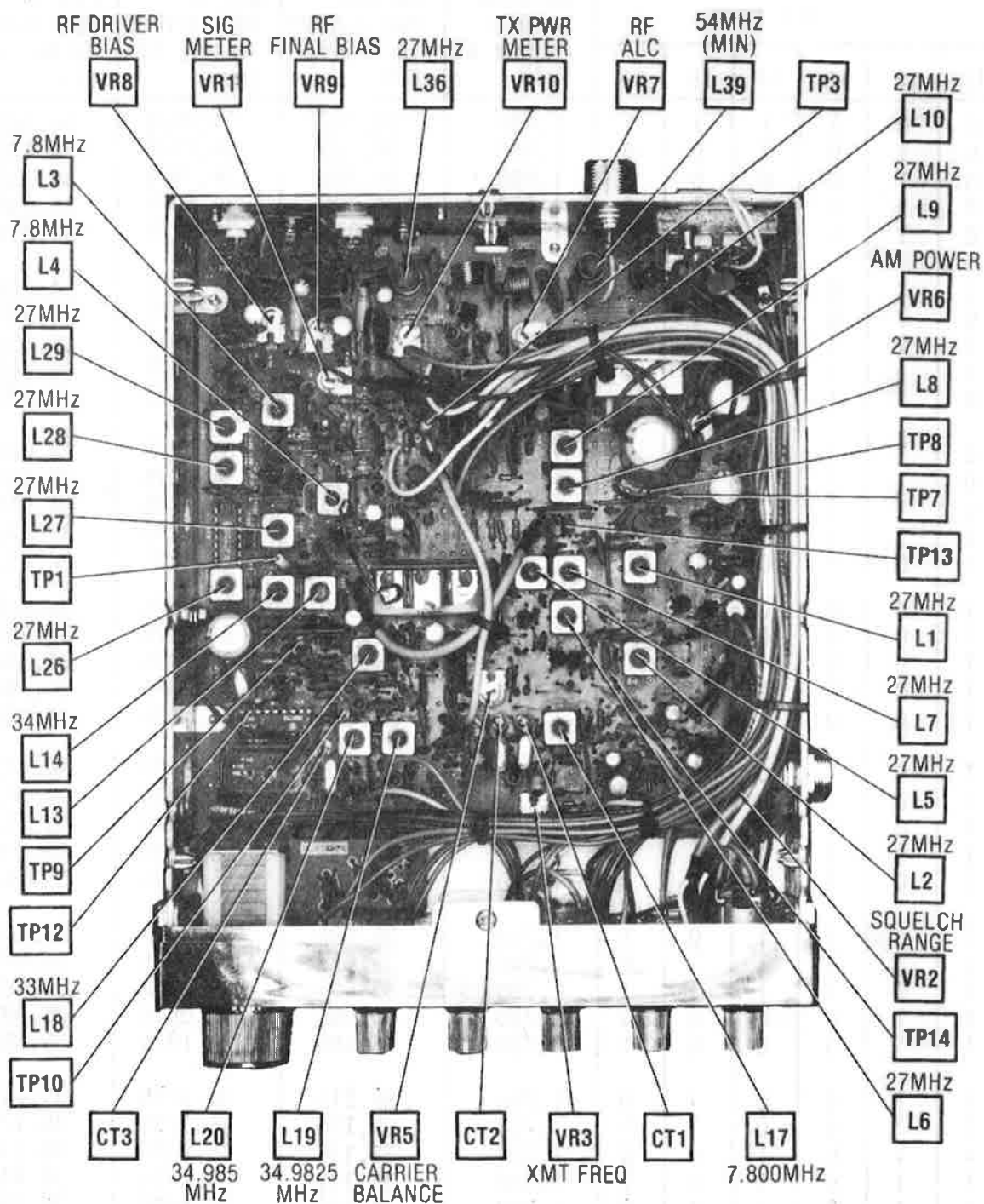
See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Insert a 0-150mA DC current meter at TP8. No modulation.	Ch. 19 USB Mike Gain MINIMUM	VR8	RF DRIVER BIAS Adjust for 35mA idle current. Reconnect TP8.
Insert a 0-150mA DC current meter at TP7. No modulation.	Ch. 19 USB Mike Gain MINIMUM	VR9	RF FINAL BIAS Adjust for 45mA idle current. Reconnect TP7.
Input of RF wattmeter to antenna input. No modulation.	Ch. 19 USB Mike Gain MINIMUM	VR5	CARRIER BALANCE Adjust for MINIMUM RF output. Check LSB and readjust if necessary for MINIMUM RF output.
Input of RF wattmeter to antenna input. Inject a two tone, 50mV signal at mic input.	Ch. 19 USB Mike Gain Maximum	VR7	RF ALC Adjust for 11.0 watts PEP RF output maximum.
Input of RF wattmeter to antenna input. No modulation.	Ch. 19, AM Mike Gain MINIMUM	VR6	AM POWER Adjust for 4.0 watts RF output maximum.
Input of RF wattmeter to antenna input. No modulation.	Ch. 19, AM Mike Gain MINIMUM	VR10	TX PWR METER Adjust so PWR Meter agrees with RF wattmeter.

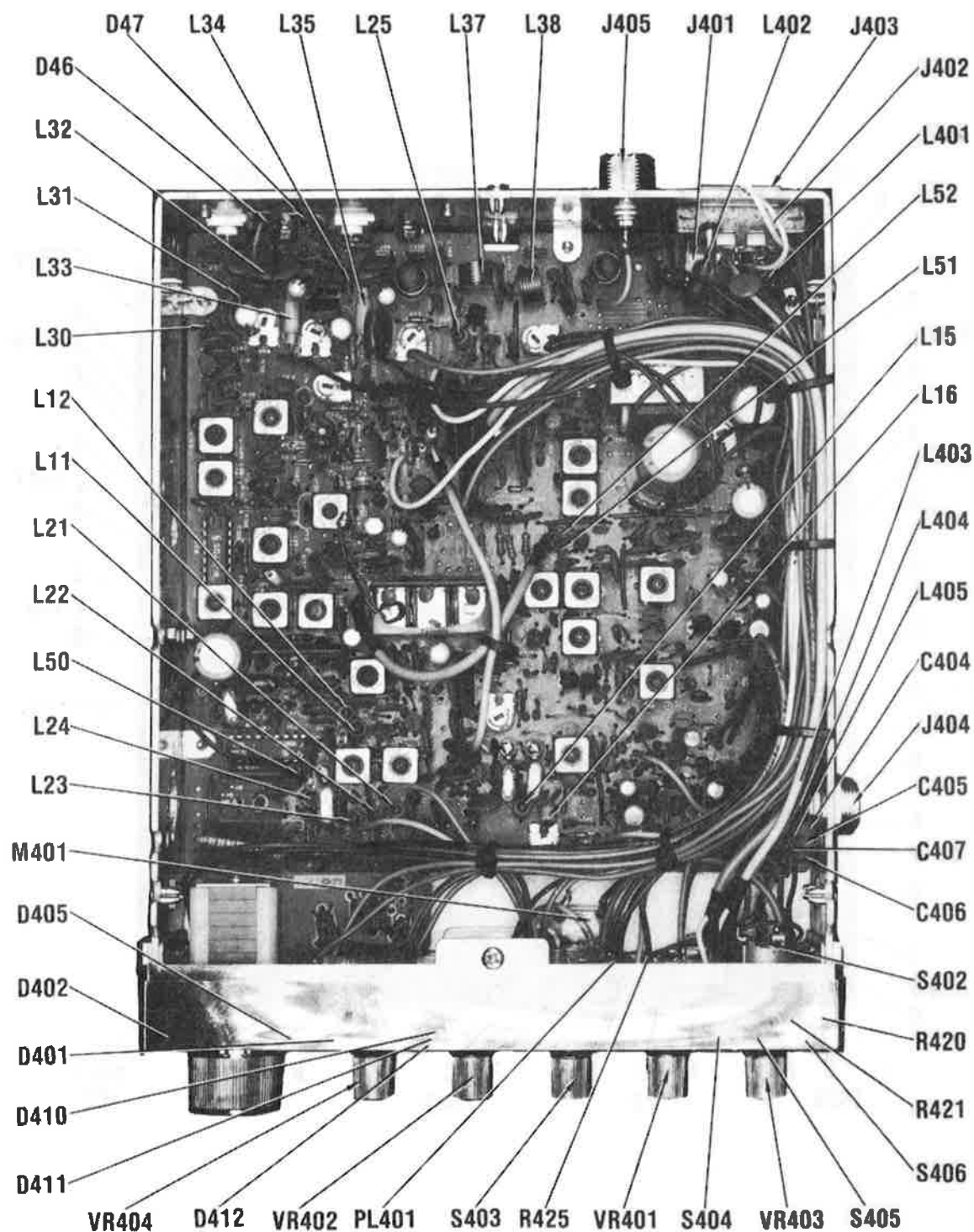
TRUTH CHART

C H A N N E L	1 = 7.98 Volts 0 = 0 Volts						DIVIDER INPUT IN MHz AT TP10	AM REC VCO OUTPUT IN MHz AT TP1	USB REC VCO OUTPUT IN MHz AT TP1	LSB REC VCO OUTPUT IN MHz AT TP1
	CHANNEL INPUT CODES									
	IC2 PINS									
	11	12	13	14	15	16				
1	0	0	1	1	1	1	1.430	34.765	34.7675	34.7625
2	0	1	0	0	0	0	1.440	34.775	34.7775	34.7725
3	0	1	0	0	0	1	1.450	34.785	34.7875	34.7825
4	0	1	0	0	1	1	1.470	34.805	34.8075	34.8025
5	0	1	0	1	0	0	1.480	34.815	34.8175	34.8125
6	0	1	0	1	0	1	1.490	34.825	34.8275	34.8225
7	0	1	0	1	1	0	1.500	34.835	34.8375	34.8325
8	0	1	1	0	0	0	1.520	34.855	34.8575	34.8525
9	0	1	1	0	0	1	1.530	34.865	34.8675	34.8625
10	0	1	1	0	1	0	1.540	34.875	34.8775	34.8725
11	0	1	1	0	1	1	1.550	34.885	34.8875	34.8825
12	0	1	1	1	0	1	1.570	34.905	34.9075	34.9025
13	0	1	1	1	1	0	1.580	34.915	34.9175	34.9125
14	0	1	1	1	1	1	1.590	34.925	34.9275	34.9225
15	1	0	0	0	0	0	1.600	34.935	34.9375	34.9325
16	1	0	0	0	1	0	1.620	34.955	34.9575	34.9525
17	1	0	0	0	1	1	1.630	34.965	34.9675	34.9625
18	1	0	0	1	0	0	1.640	34.975	34.9775	34.9725
19	1	0	0	1	0	1	1.650	34.985	34.9875	34.9825
20	1	0	0	1	1	1	1.670	34.005	34.0075	35.0025
21	1	0	1	0	0	0	1.680	35.015	35.0175	35.0125
22	1	0	1	0	0	1	1.690	35.025	34.0275	35.0225
23	1	0	1	1	0	0	1.720	35.055	35.0575	35.0525
24	1	0	1	0	1	0	1.700	35.035	35.0375	35.0325
25	1	0	1	0	1	1	1.710	35.045	35.0475	35.0425
26	1	0	1	1	0	1	1.730	35.065	35.0675	35.0625
27	1	0	1	1	1	0	1.740	35.075	35.0775	35.0725
28	1	0	1	1	1	1	1.750	35.085	35.0875	35.0825
29	1	1	0	0	0	0	1.760	35.095	35.0975	35.0925
30	1	1	0	0	0	1	1.770	35.105	35.1075	35.1025
31	1	1	0	0	1	0	1.780	35.115	35.1175	35.1125
32	1	1	0	0	1	1	1.790	35.125	35.1275	35.1225
33	1	1	0	1	0	0	1.800	35.135	35.1375	35.1325
34	1	1	0	1	0	1	1.810	35.145	35.1475	35.1425
35	1	1	0	1	1	0	1.820	35.155	35.1575	35.1525
36	1	1	0	1	1	1	1.830	35.165	35.1675	35.1625
37	1	1	1	0	0	0	1.840	35.175	35.1775	35.1725
38	1	1	1	0	0	1	1.850	35.185	35.1875	35.1825
39	1	1	1	0	1	0	1.860	35.195	35.1975	35.1925
40	1	1	1	0	1	1	1.870	35.205	35.2075	35.2025

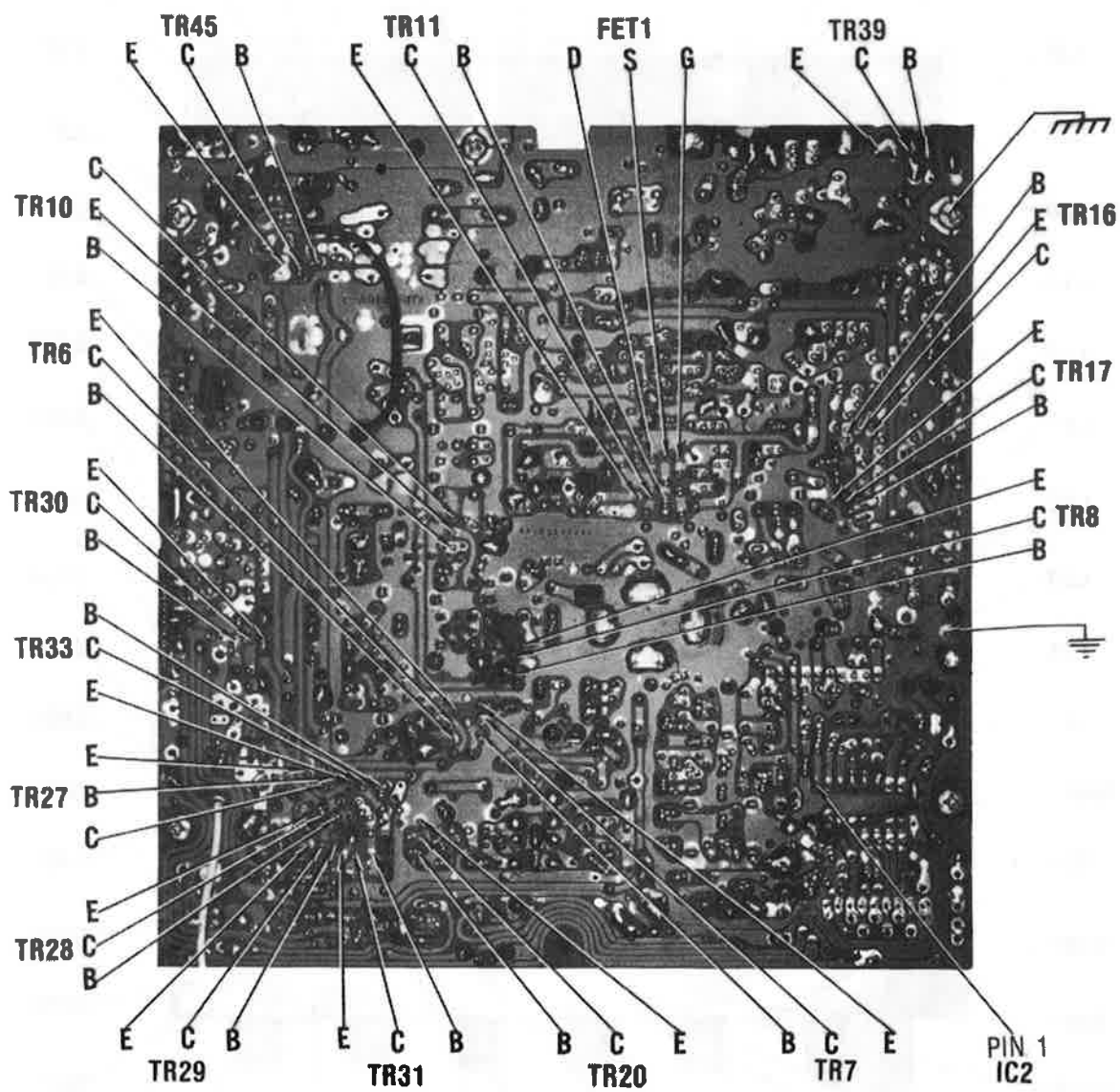
TEABERRY MODEL STALKER 1X



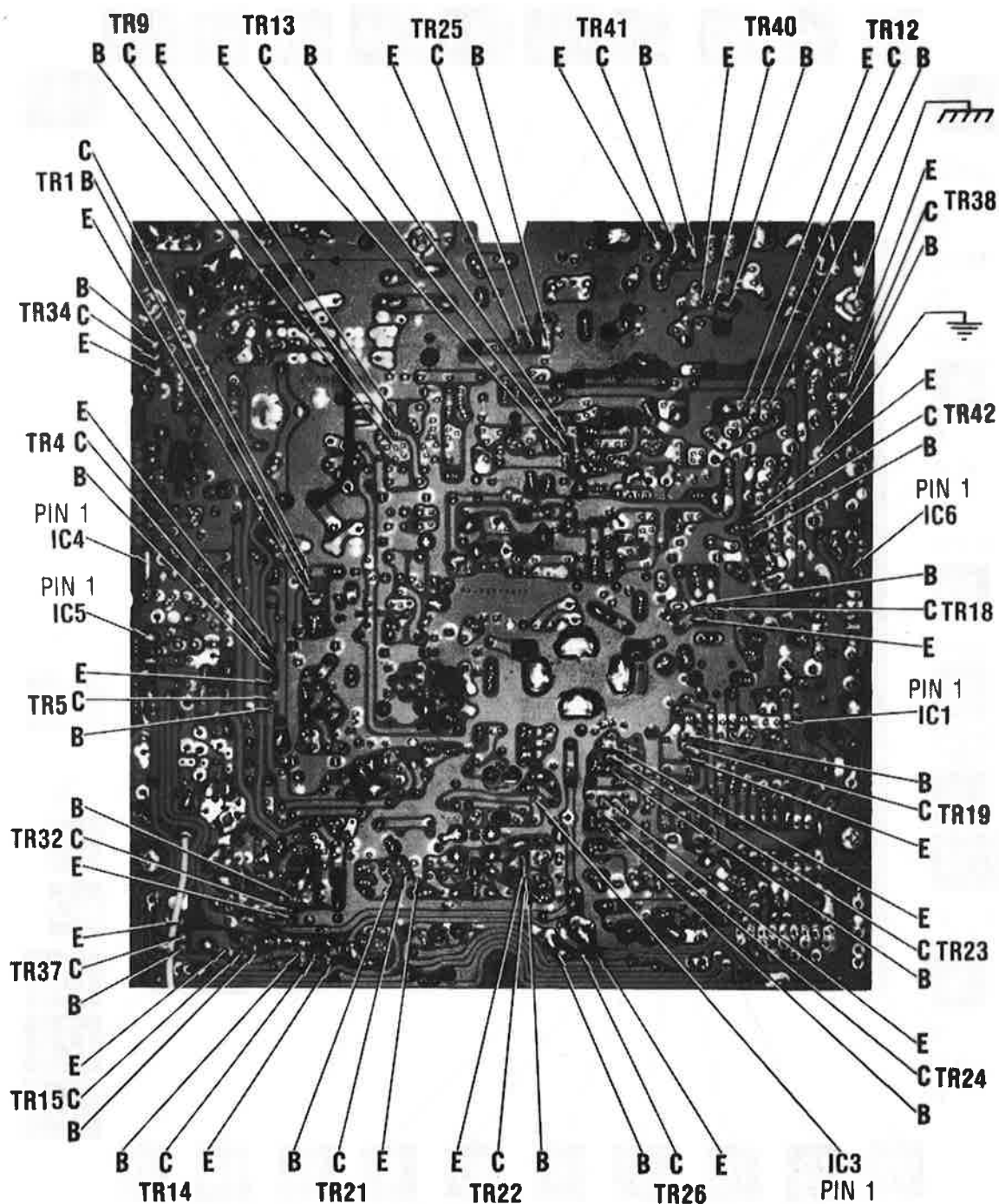
CHASSIS-BOTTOM



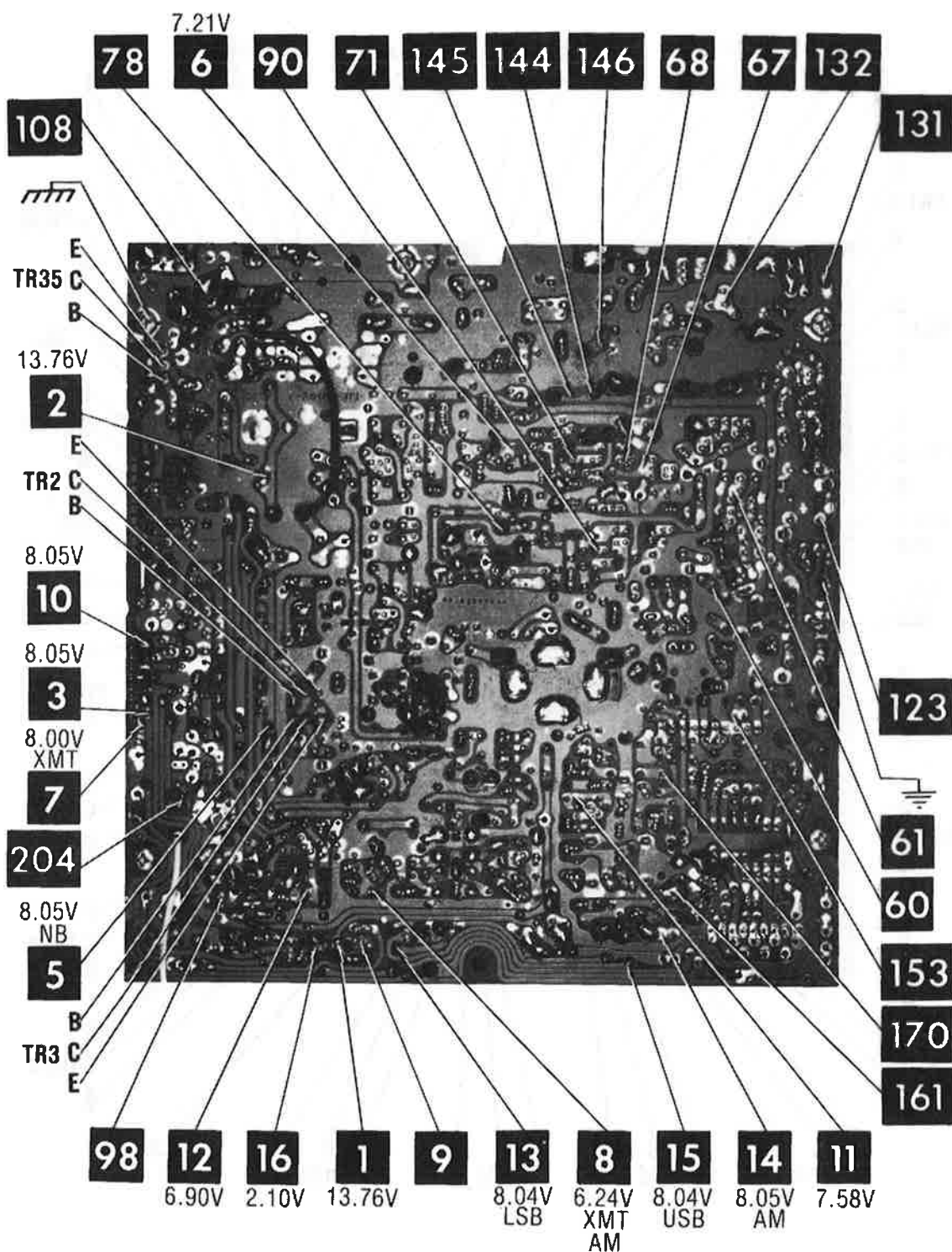
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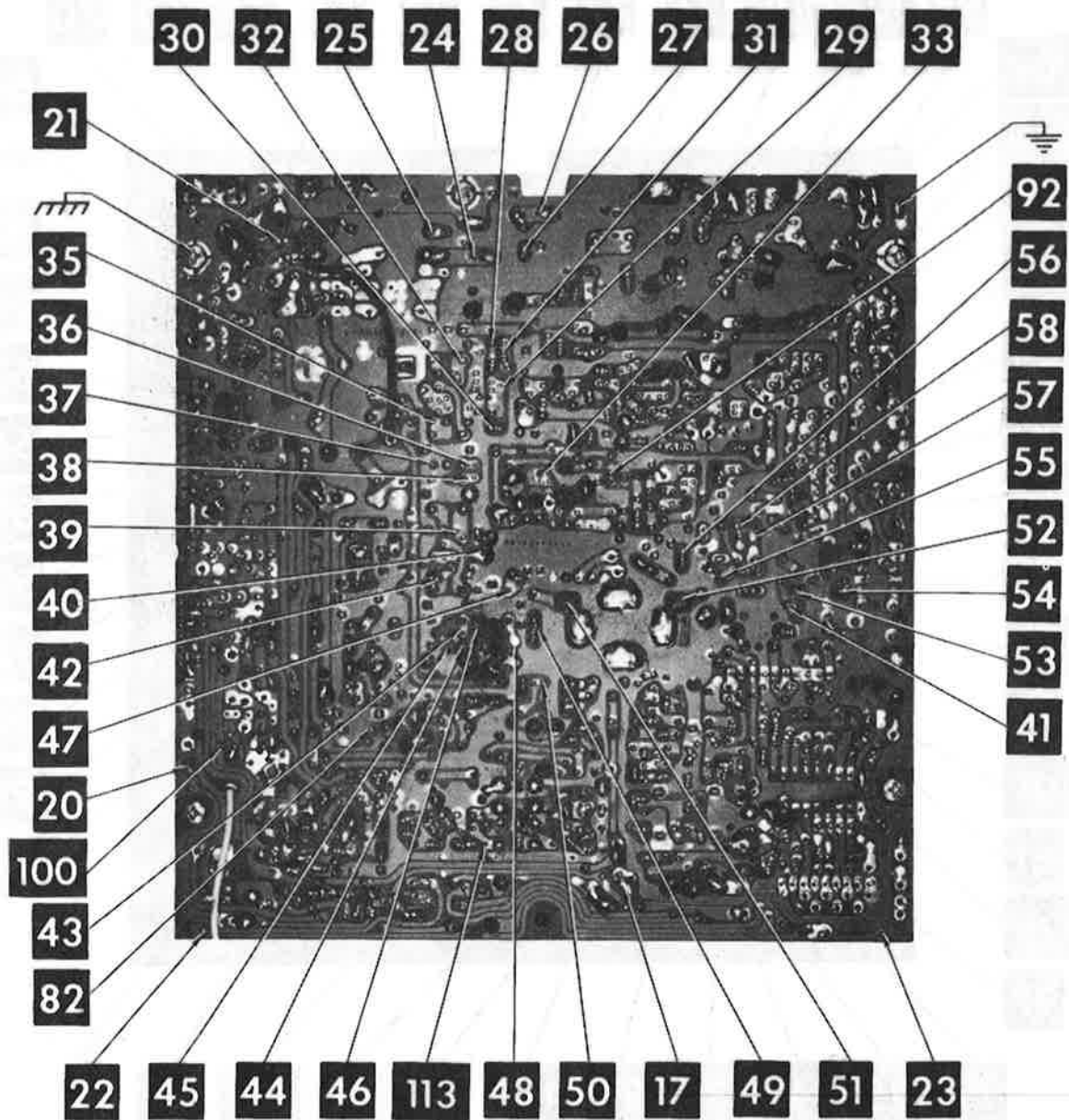
MAIN BOARD



MAIN BOARD

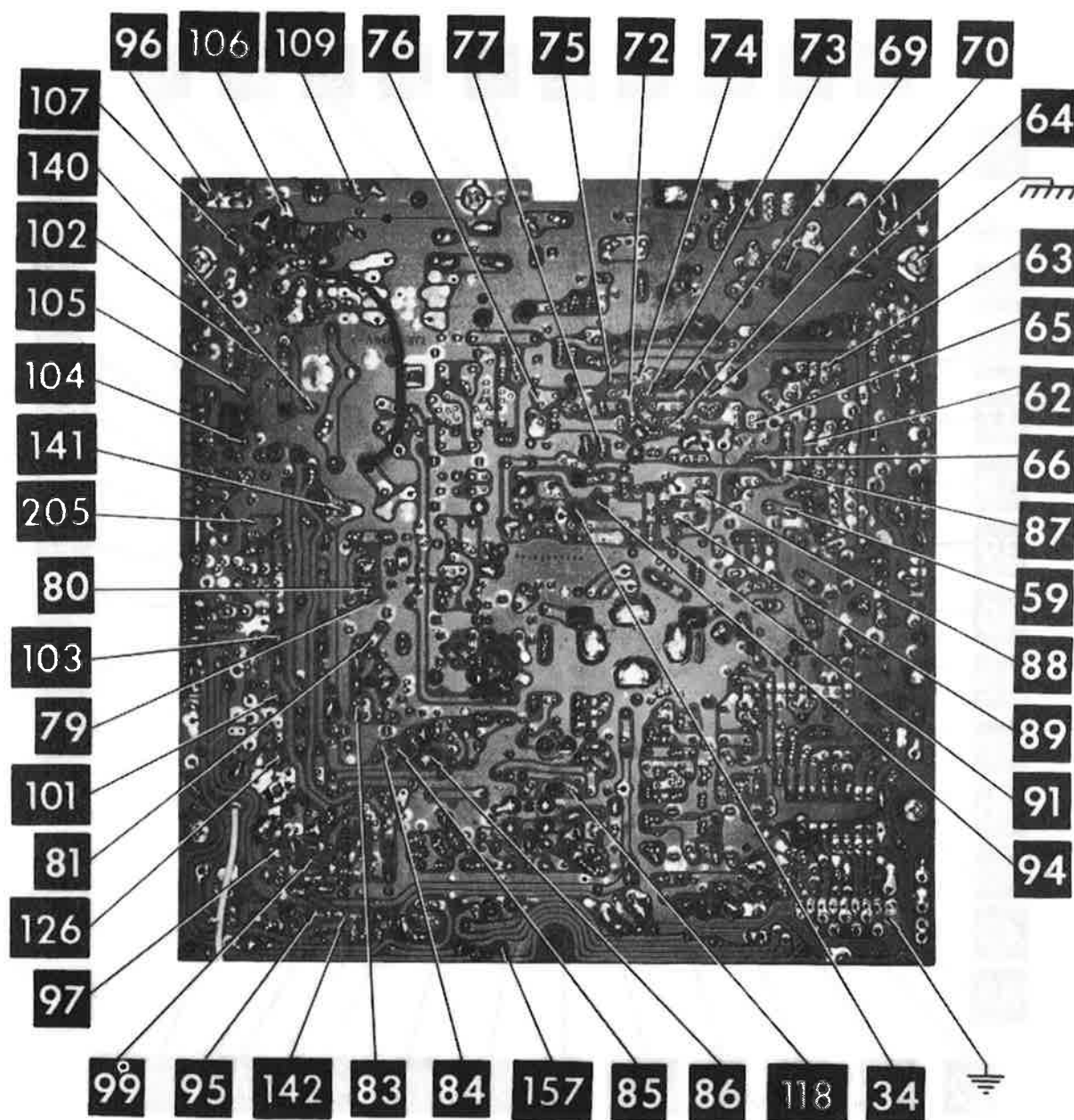


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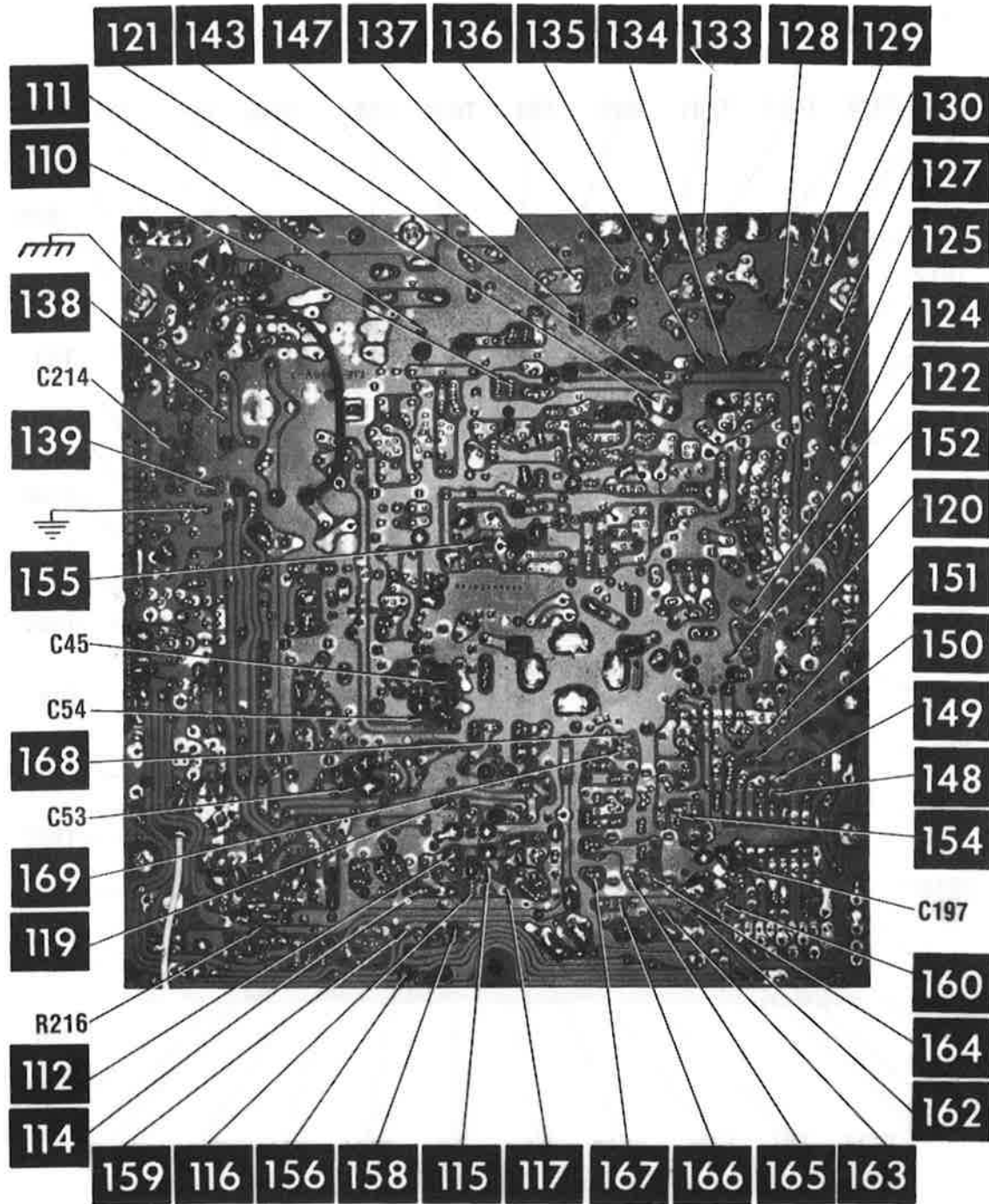


TEABERRY MODEL STALKER IX

MAIN BOARD

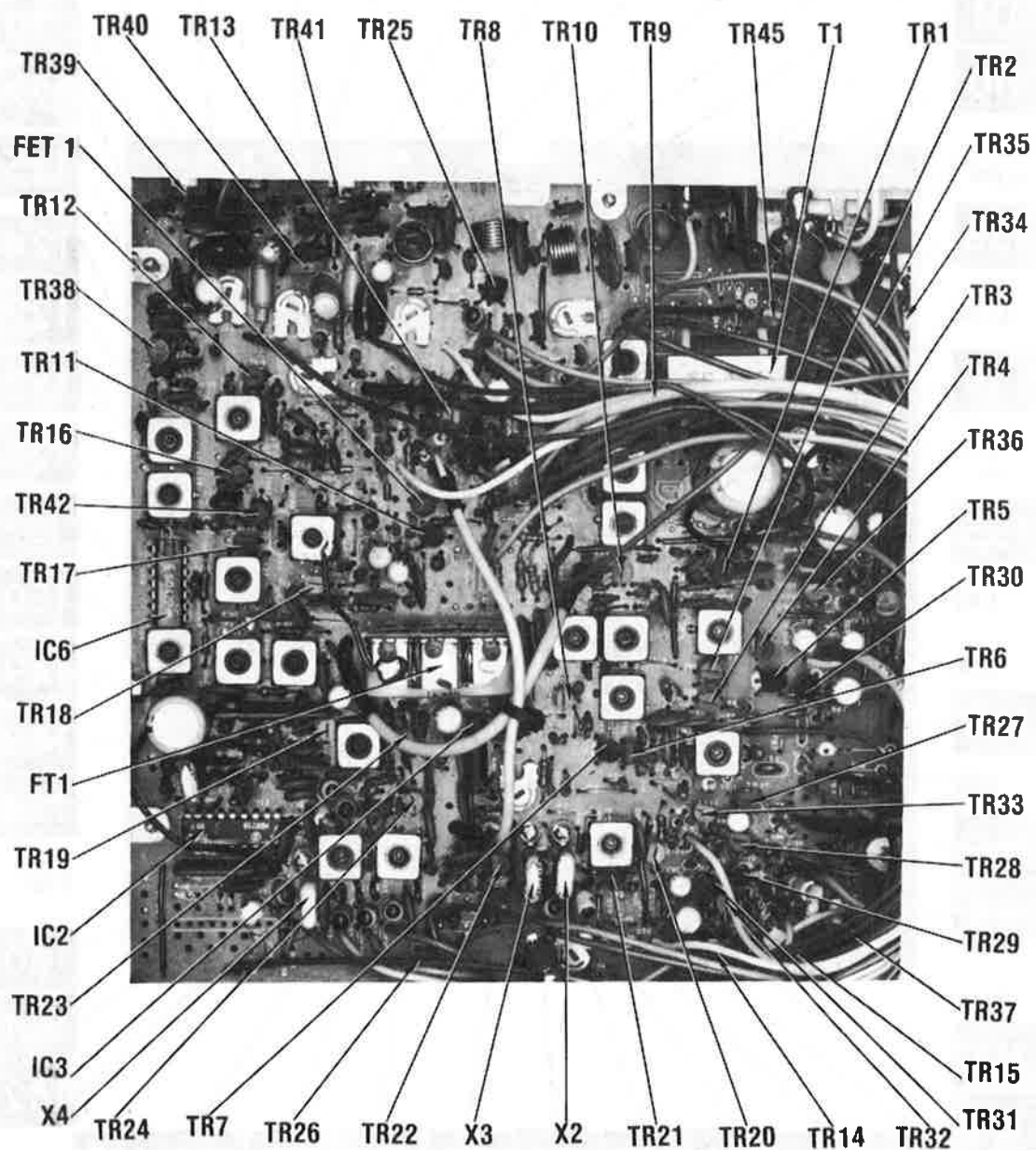


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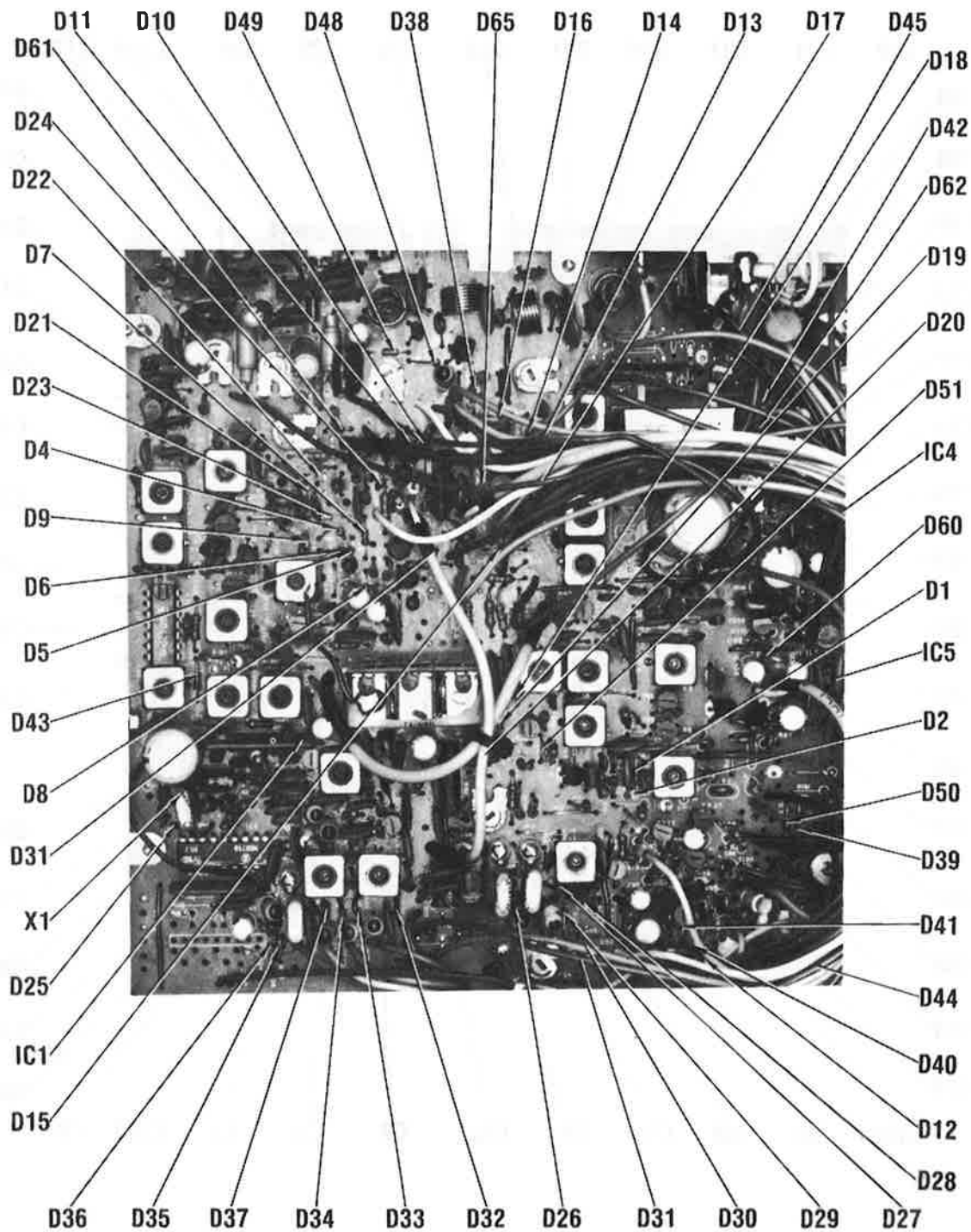


TEABERRY MODEL STALKER IX

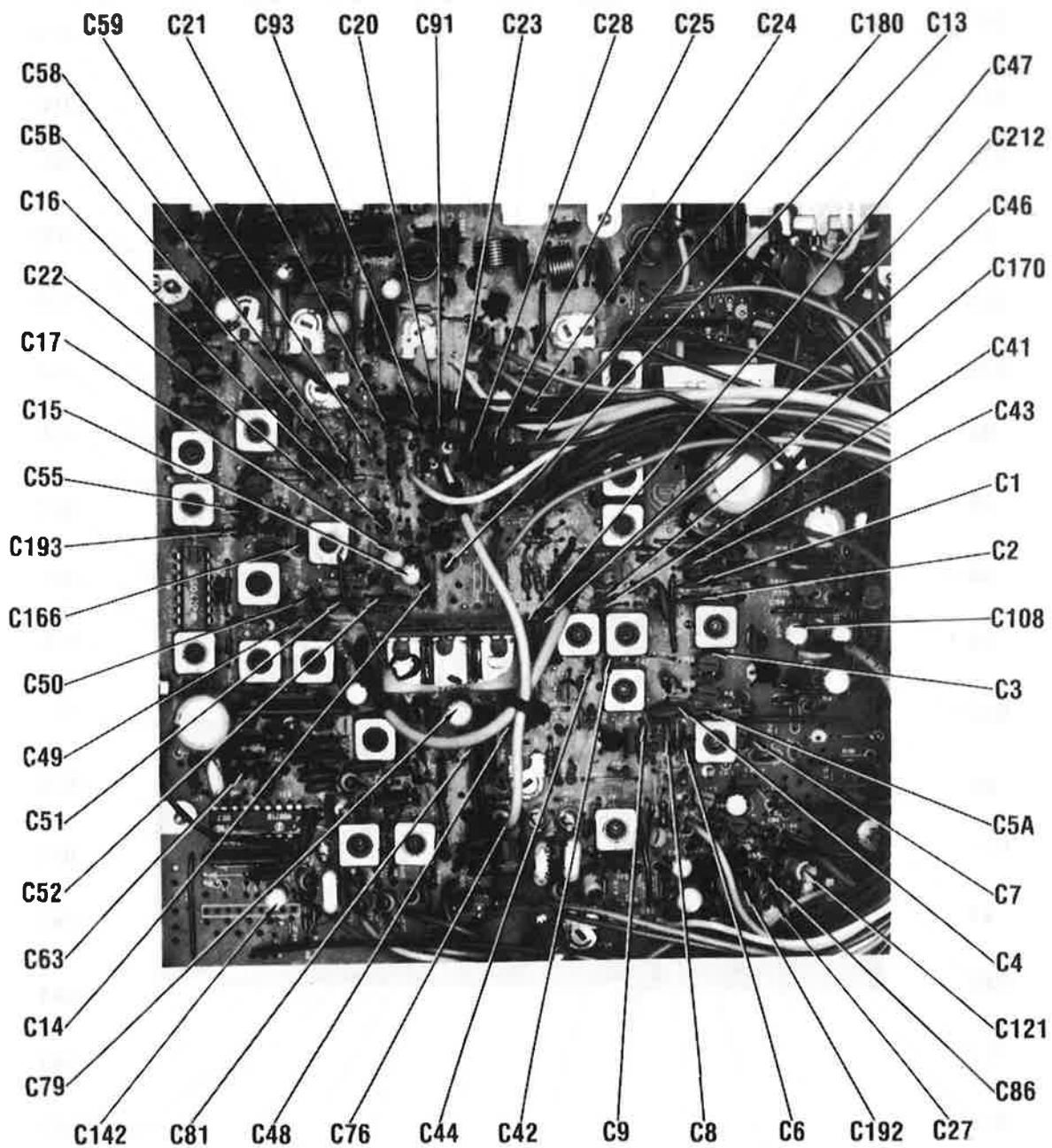
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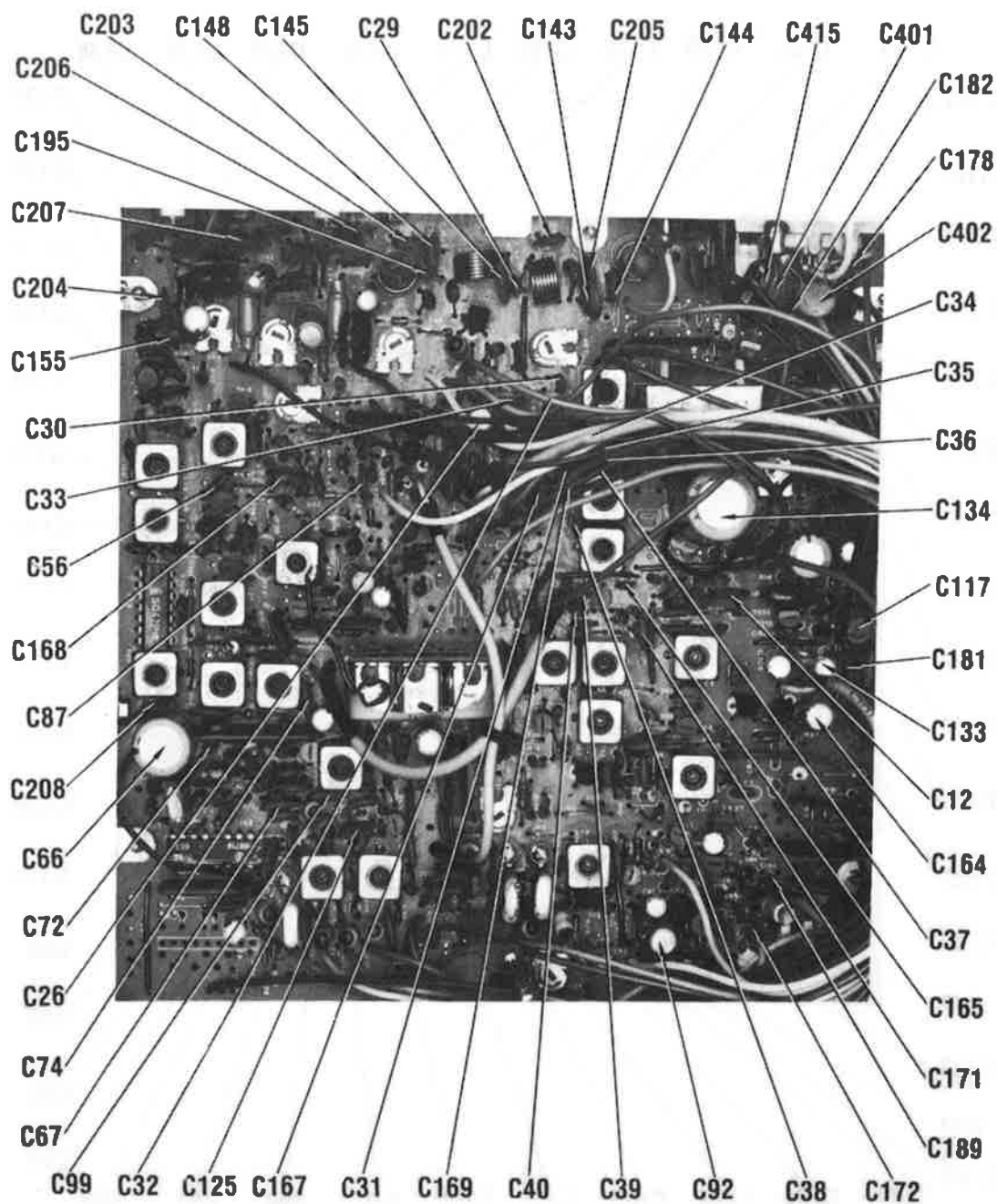
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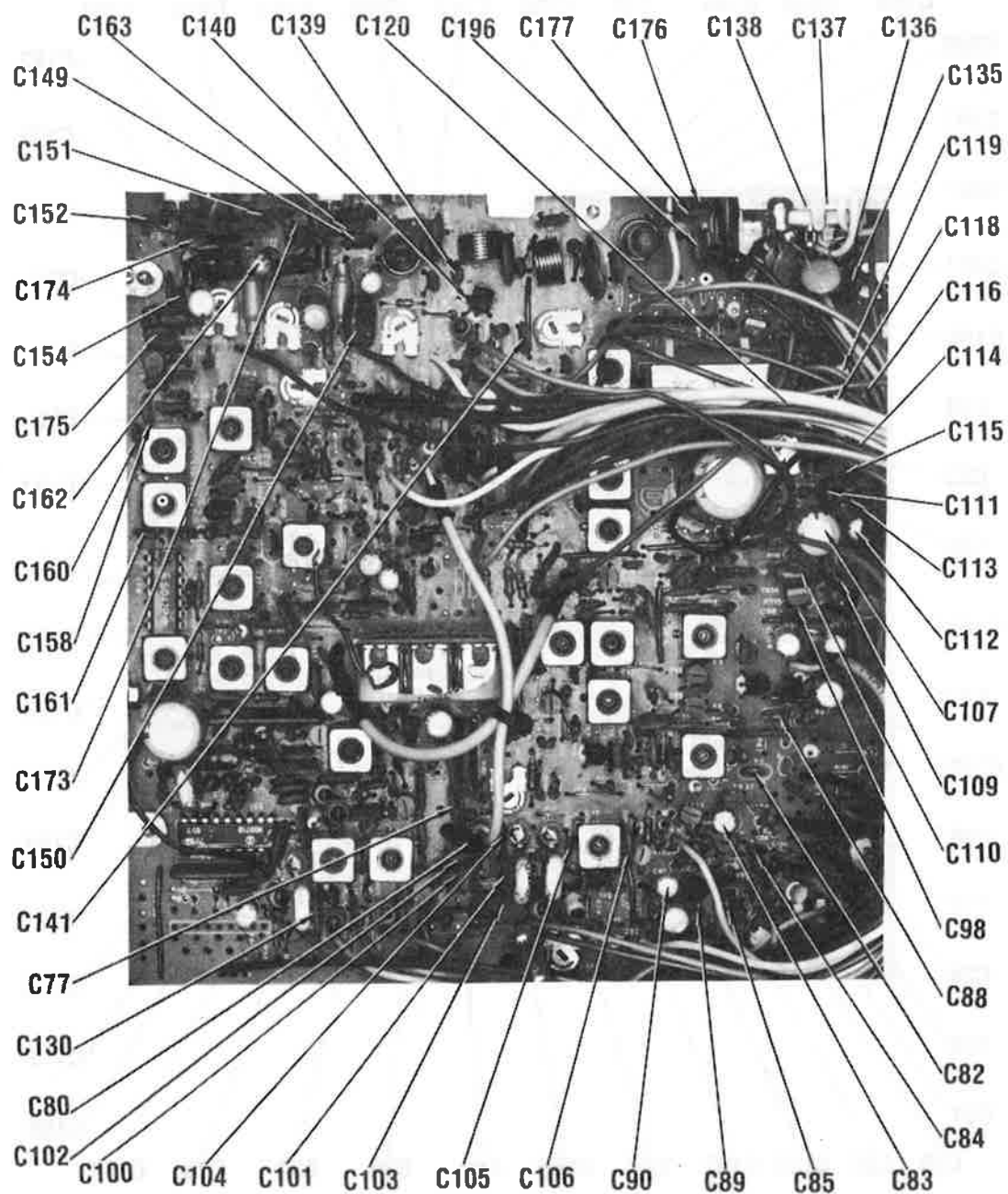
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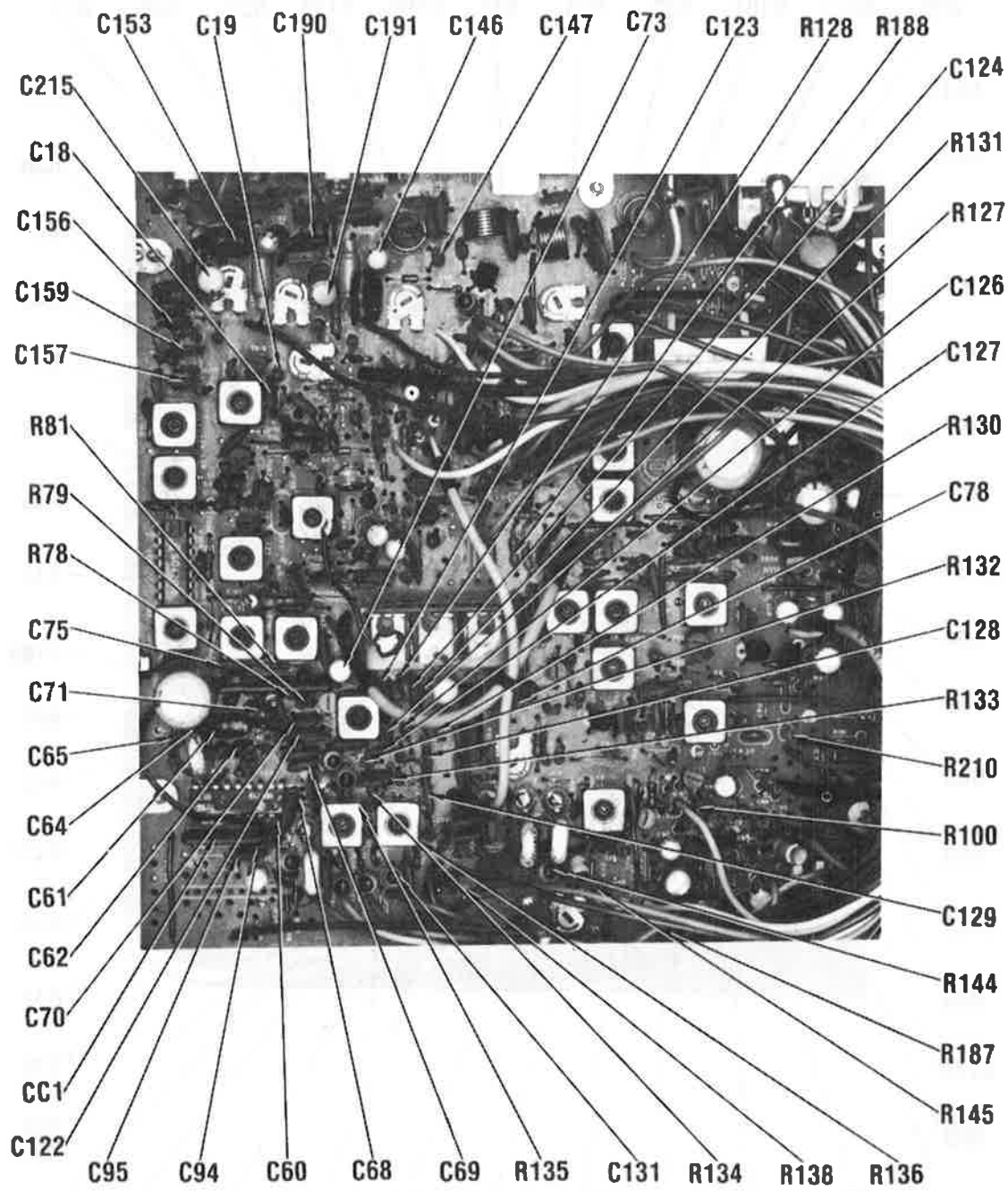
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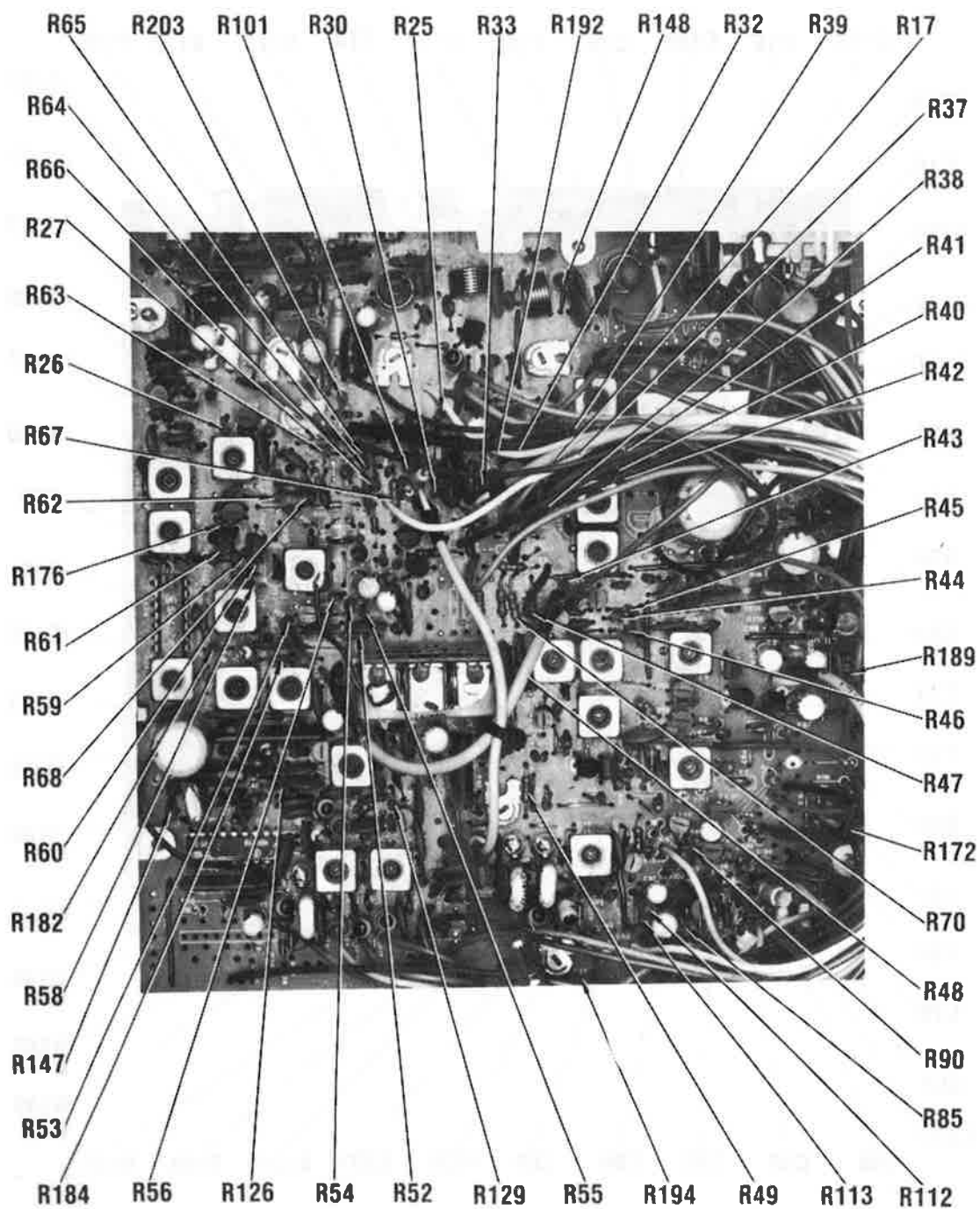
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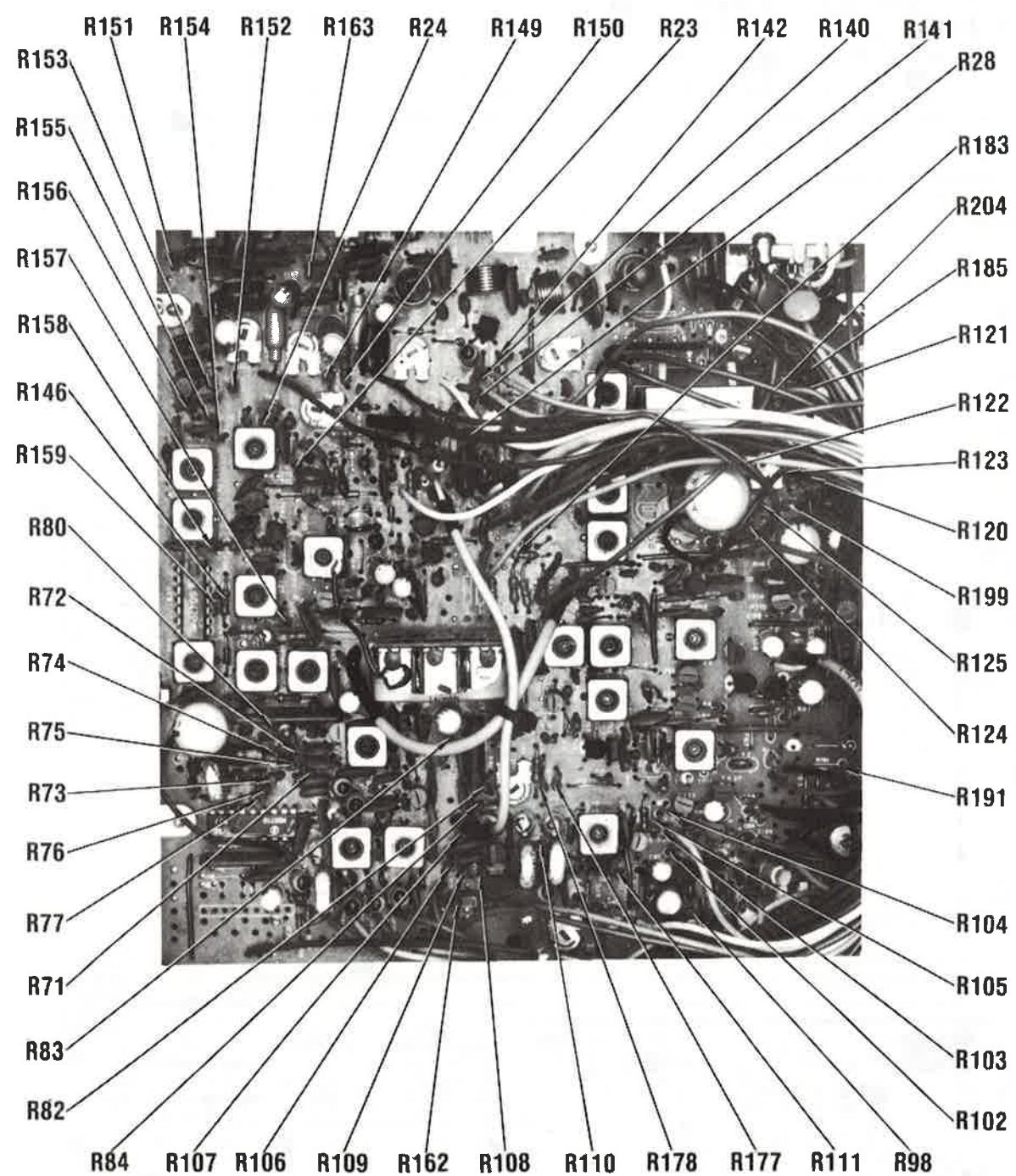
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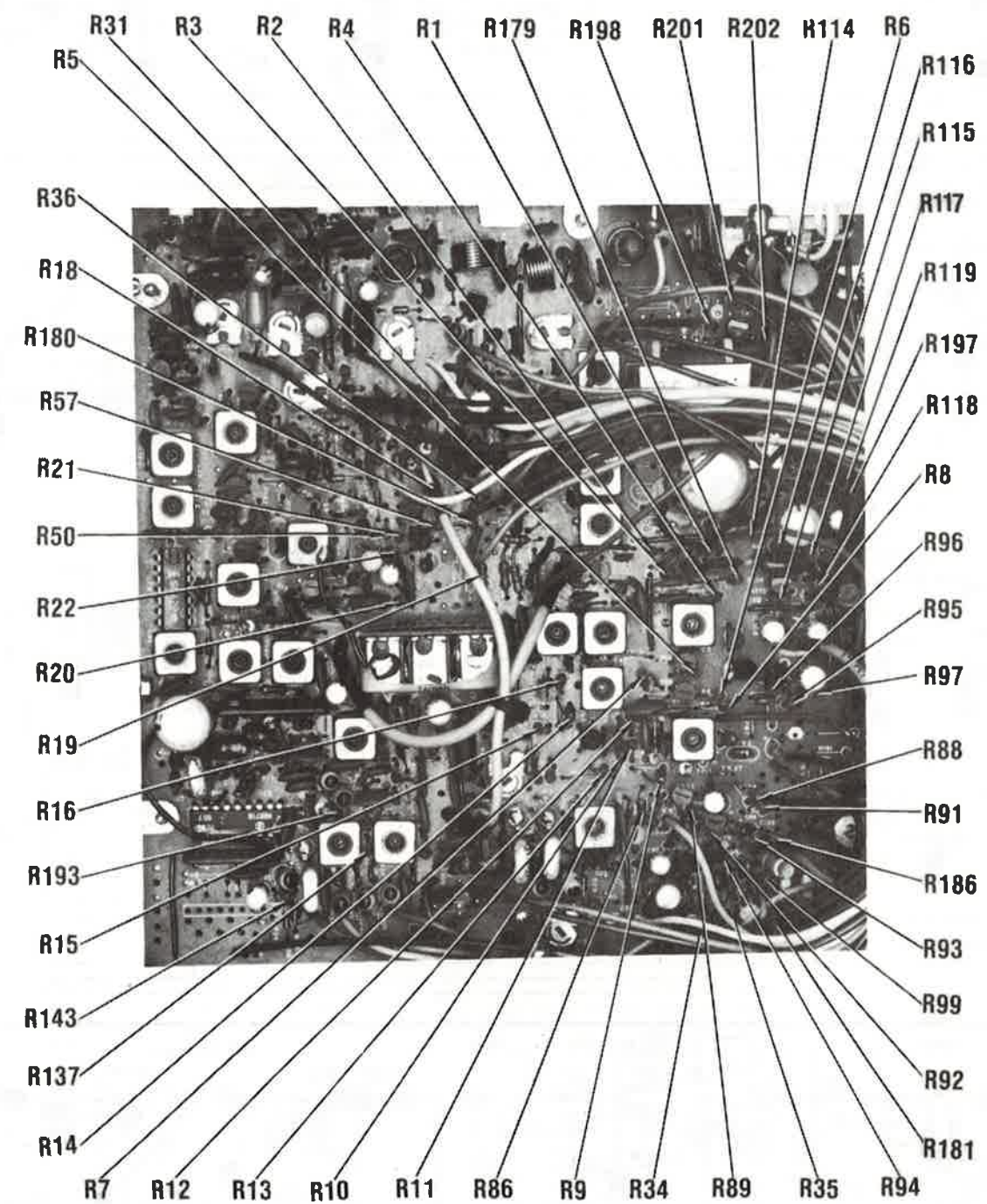
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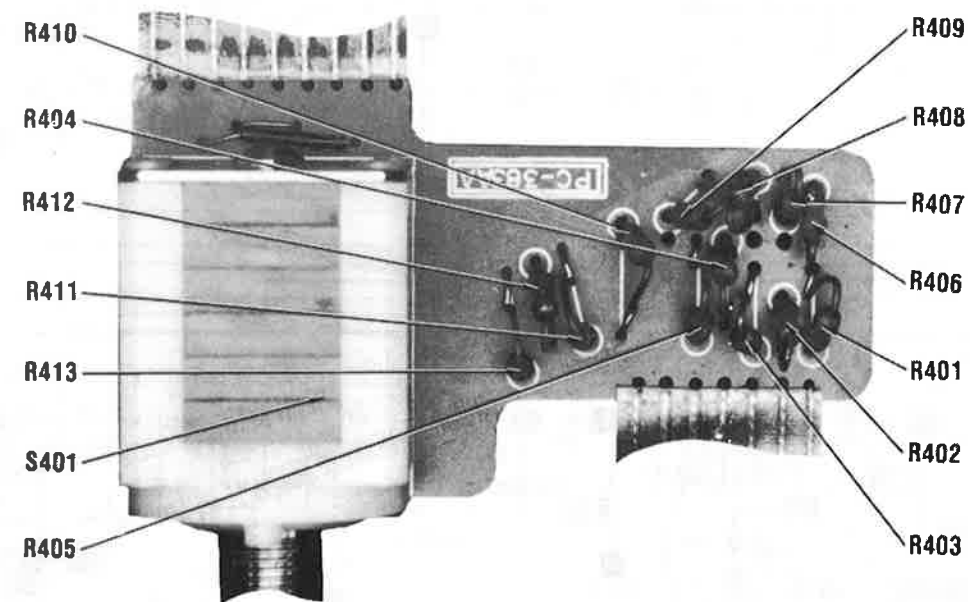
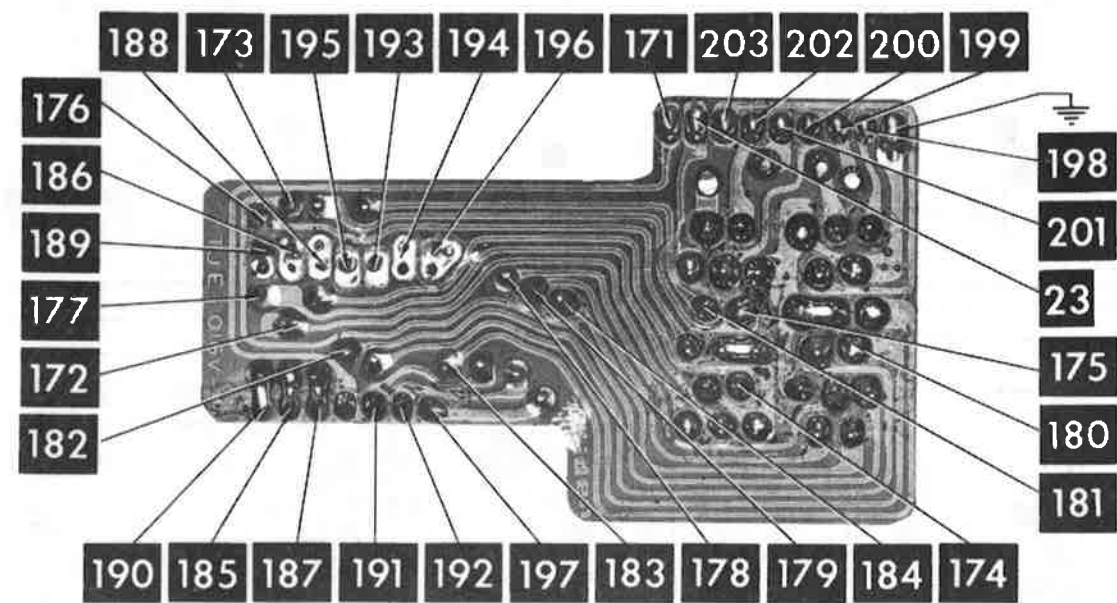
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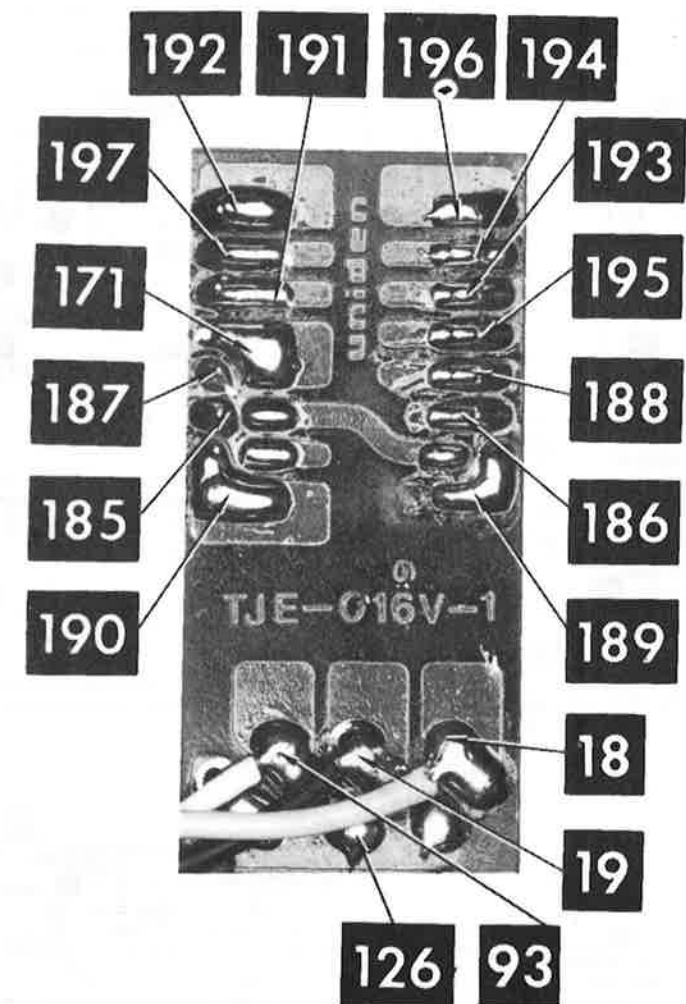
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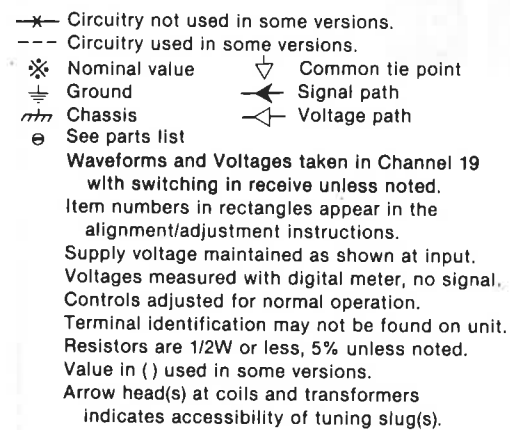
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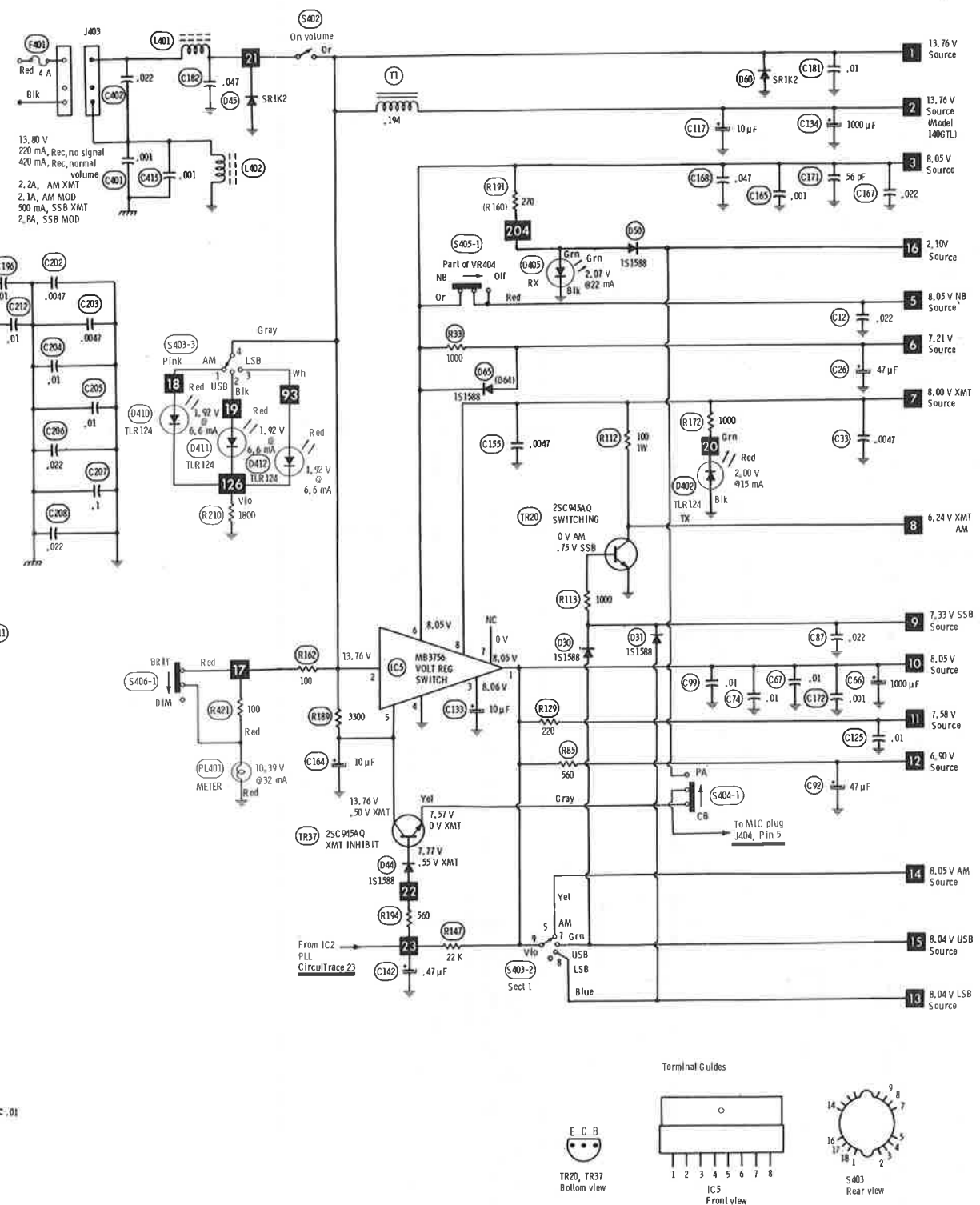
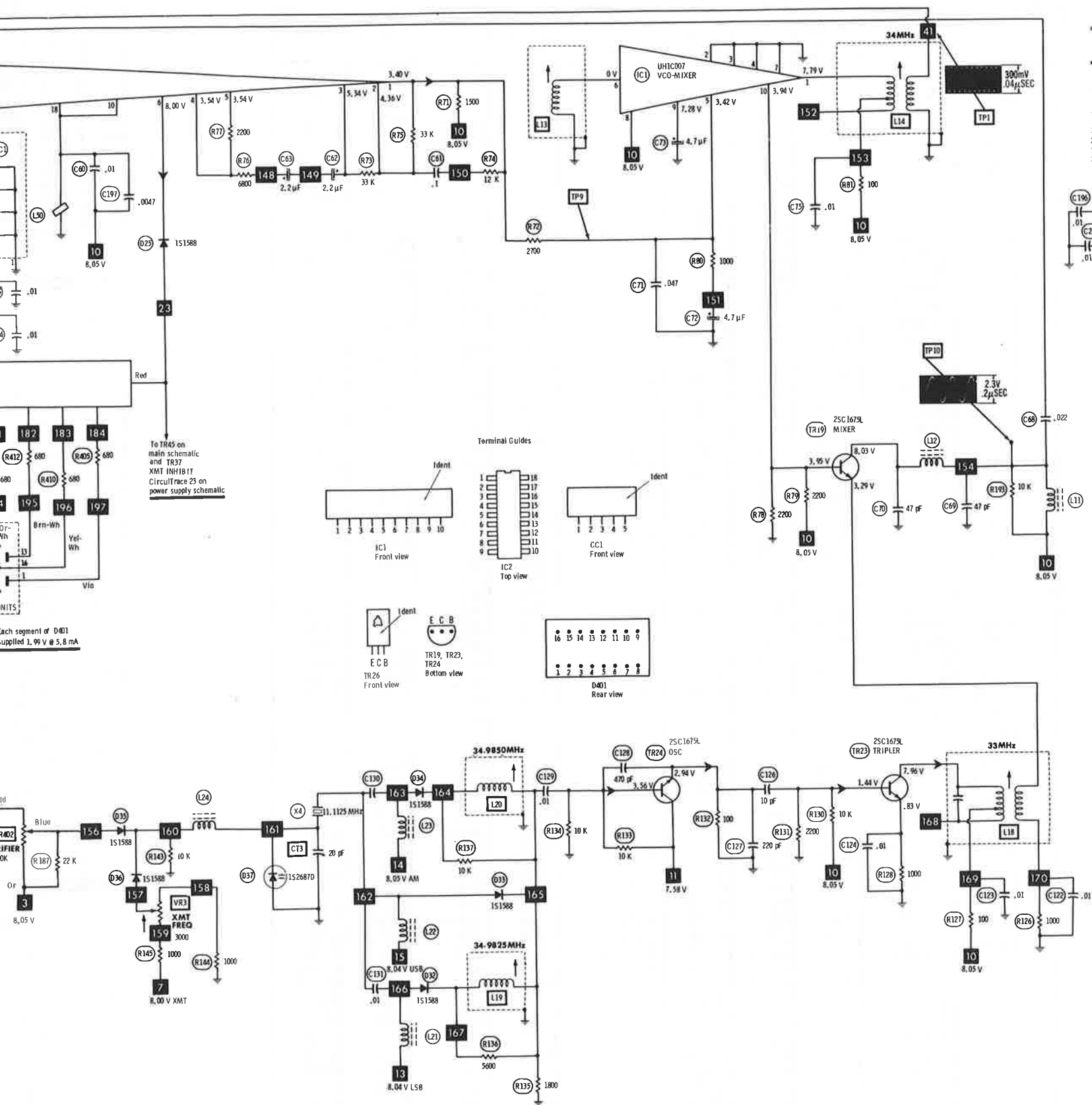
CHANNEL SELECTOR SWITCH BOARD



TEABERRY MODEL STALKER IX



MAIN SCHEMATIC



PARTS LIST AND DESCRIPTION

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

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	MALLORY PART No.	RAYTHEON PART No.	RCA PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
D1	1N60	DDAY101001	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134	103-29001
D2	1N60	DDAY101001	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134	103-29001
D3	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D4	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D5	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D6	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D7	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D8	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D9	1N60	DDAY101001	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134	103-29001
D10	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D11	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D12	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D13	MC301	DDAY090001	GE-300	PTC214	REN 177	SK3175/177	ECG177	TM177	WEP1062	103-131
D14	MC301	DDAY090001	GE-300	PTC214	REN 177	SK3175/177	ECG177	TM177	WEP1062	103-131
D15	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D16	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D17	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D18	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D19	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D20	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D21	1N60	DDAY101001	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134	103-29001
D22	1N60	DDAY101001	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134	103-29001
D23	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D24	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D25	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D26	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D27	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D28	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D29	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D30	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D31	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D32	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D33	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D34	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D35	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D36	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D37	1S2687D	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D38	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D39	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D40	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D41	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D42	1N60	DDAY101001	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134	103-29001
D43	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D44	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D45	SR1K2	DDAY002002	GE-504A	PTC201	REN 116	SK3311	ECG116	TM116	WEP156	212-76-02
D46	WV1Y	DDFY020001	GE-504A	PTC201	REN 601	SK3463/601	ECG601	TM601	WEP156	212-76-02
D47	WV13YH	DDFY021001	GE-504A	PTC302	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D48	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D49	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D50	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D51	SR1K2	DDAY002002	GE-504A	PTC201	REN 116	SK3311	ECG116	TM116	WEP156	212-76-02
D52	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D53	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
D54	1S1588	DDAY047001	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925	103-287
FET-1	2SK198L	DDCY001002	GE-FET-2	PTC161	REN 132*	SK3834/132	ECG132*	TM132*	WEP926	121-756
IC1	UNIC-007	DDCY133001	GE-FET-2	PTC161	REN 132*	SK3834/132	ECG132*	TM132*	WEP926	121-756
IC2	MB8719	DDCY101001	GE-FET-2	PTC161	REN 132*	SK3834/132	ECG132*	TM132*	WEP926	121-756
IC3	AM612	DDCY130001	GE-FET-2	PTC161	REN 132*	SK3834/132	ECG132*	TM132*	WEP926	121-756
IC4	TA7222P	DDCY146001	GE-FET-2	PTC161	REN 132*	SK3834/132	ECG132*	TM132*	WEP926	121-756
IC5	NR3756	DDCY131001	GE-FET-2	PTC161	REN 132*	SK3834/132	ECG132*	TM132*	WEP926	121-756
IC6	SC42P	DDCY122001	GE-FET-2	PTC161	REN 132*	SK3834/132	ECG132*	TM132*	WEP926	121-756
TR1	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-29021
TR2	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-29021
TR3	2SC1730L	DDBY269001	GE-17*	PTC136*	REN 107	SK3293/107	ECG107	TM107/**	WEP1945	121-972
TR4	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR5	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR6	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR7	2SA733P	DDBY003001	GE-48	PTC127	REN 294	SK3114/290	ECG294	TM294/**	WEP911	121-952
TR8	2SC1730L	DDBY269001	GE-17*	PTC136*	REN 107	SK3293/107	ECG107	TM107/**	WEP1945	121-972
TR9	2SC1674L	DDBY295002	GE-61*	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR10	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR11	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR12	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR13	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR14	2SA733P	DDBY003001	GE-48	PTC127	REN 294	SK3114/290	ECG294	TM294/**	WEP911	121-952
TR15	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR16	2SC1730L	DDBY269001	GE-17*	PTC136*	REN 107	SK3293/107	ECG107	TM107/**	WEP1945	121-972
TR17	2SC1674L	DDBY295002	GE-61*	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR18	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR19	2SC1675L	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR20	2SC945AQ	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR21	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR22	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR23	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR24	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR25	2SC1675L	DDBY259001	GE-213	PTC132*	REN 229*	SK3122	ECG229*	TM229*	WEP773	121-972
TR26	2SC496-0	DDBY246001	GE-57	PTC163	REN 295	SK3253/295	ECG295	TM295/**	WEP913	121-972
TR27	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR28	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR29	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR30	2SA733P	DDBY003001	GE-48	PTC127	REN 294	SK3114/290	ECG294	TM294/**	WEP911	121-952
TR31	2SA733P	DDBY003001	GE-48	PTC127	REN 294	SK3114/290	ECG294	TM294/**	WEP911	121-952

PARTS LIST AND DESCRIPTION (CONTINUED)

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

SEMICONDUCTORS (Select replacement transistor for best results) (cont)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	MALLORY PART No.	RAYTHEON PART No.	RCA PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
TR32	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR33	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR34	2SC1419C	DDBY270002	GE-66	PTC167	REN 152	SK3197/235	ECG152	TM152	WEP745	121-987-C2
TR35	2SC945AQ	DDBY224003	GE-212	PTC121*	REN 199	SK3124/289	ECG199	TM199/**	WEP1945	121-972
TR36	2SC458C	DDBY273001	GE-210	PTC121*	REN 289	SK3124/289	ECG199	TM199/**	WEP1945	121-9

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
C28	.1 50V 10%			WMF05P1	M192P1049R8	QFT2-215	1FT-P10
C29	12 NPO 50V				CN0412		10TCC-G12
C30	.001 50V		DD-102		GP210		10TS-D10
C31	.001 50V		DD-102		GP210		10TS-D10
C32	.001 50V		DD-102		GP210		10TS-D10
C33	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C34	.001 50V		DD-102		GP210		10TS-D10
C35	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C36	4 NPO 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C37	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C38	2 NPO 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C39	.001 50V		DD-102		GP210		10TS-D10
C40	.001 50V		DD-102		GP210		10TS-D10
C41	.001 50V		DD-102		GP210		10TS-D10
C42	2 NPO 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C43	33 NPO 50V 5%		DTZ-33	NP033	CN0433		10TCC-Q33
C44	2 NPO 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C45	.022 50V		DC-253	MGP025	TA125		TG-S25
C46	.022 50V		DC-253	MGP025	TA125		TG-S25
C47	.022 50V		DC-253	MGP025	TA125		TG-S25
C48	.01 50V		UK50-103		MAG5011		
C49	.022 50V		DC-253	MGP025	TA125		TG-S25
C50	.022 50V		DC-253	MGP025	TA125		TG-S25
C51	.022 50V		DC-253	MGP025	TA125		TG-S25
C52	.022 50V		DC-253	MGP025	TA125		TG-S25
C53	330 N750 50V 5%		DTN-330	N330	CN7333		10TCU-T33
C54	330 N750 50V 5%		DTN-330	N330	CN7333		10TCU-T33
C55	.022 50V 10%			DPMS	M192P2239R8	QFT2-127	1FT-S22
C56	.022 50V		DC-253	MGP025	TA125	QFT2-1	TG-S25
C58	.001 50V 10%			DPMS6D1	M192P10292		1FT-D10
C60	.01 50V		UK50-103		MAG5011	QFT2-215	1FT-P10
C61	.1 50V 10%			WMF05P1	M192P1049R8		10TCC-Q18
C64	18 NPO 50V		DTZ-10	NP010	CN0418		10TCC-Q10
C65	10 NPO 50V		UK50-103		CN0410		
C67	.01 50V		DC-253	MGP025	TA125		TG-S25
C68	.022 50V		DC-253	MGP025	TA125		10TCC-Q47
C69	47 NPO 50V 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C70	47 NPO 50V 10%		DTZ-47	NP047	CN0447	QFT2-171	1FT-S47
C71	.047 50V 10%			DPMS2S47	M192P4739R8		
C74	.01 50V		UK50-103		MAG5011		
C75	.01 50V		UK50-103		MAG5011		10TCC-Q15
C76	15 NPO 50V 5%		DTZ-15	NP015	CN0415		
C77	.01 50V		UK50-103		MAG5011		
C78	.01 50V		UK50-103		MAG5011		10TCC-V47
C80	4 NPO 50V		DTZ-4R7	NP04P7	CN0547		
C81	270 N750 50V 10%						
C82	.0068 50V 10%			WMF1D68	M192P6829R8	QFT2-73	1FT-D68
C85	.0033 50V 10%			WMF1D33	M192P3329R8	QFT2-43	1FT-D33
C86	.0068 50V 10%			WMF1D68	M192P6829R8	QFT2-73	1FT-D68
C87	.022 50V		DC-253	MGP025	TA125		TG-S25
C88	.01 50V 10%			WMF1S1	M192P1039R8	QFT2-91	1FT-S10
C89	.01 50V 10%			WMF1S1	M192P1039R8	QFT2-91	1FT-S10
C91	.001 50V 10%			DPMS6D1	M192P10292	QFT2-1	1FT-D10
C93	.01 50V 10%			WMF1S1	M192P1039R8	QFT2-91	1FT-S10
C94	.01 50V		UK50-103		MAG5011		
C95	.01 50V		UK50-103		MAG5011		10TS-D10
C98	.001 50V		DD-102		GP210		
C99	.01 50V		UK50-103		MAG5011		
C100	.01 50V		UK50-103		MAG5011		10TS-T47
C101	470 50V		DD-471	GP470	GP347		10TCC-T10
C102	100 NPO 50V 5%		DTZ-100	NP0100	CN0310		
C103	.01 50V		UK50-103		MAG5011		10TCC-Q18
C104	18 NPO 50V 5%		DTZ-10	NP010	CN0418		10TCC-Q10
C105	10 NPO 50V		UK50-103		CN0410		
C106	.01 50V		UK50-103		MAG5011		
C110	.033 50V 10%			DPMS6S33	M192P3339R8	QFT2-149	1FT-S33
C111	.022 50V 10%			DPMS2S22	M192P2239R8	QFT2-127	1FT-S22
C115	.001 50V 10%			DPMS6D1	M192P10292	QFT2-1	1FT-D10
C116	.1 50V 10%			WMF05P1	M192P1049R8	QFT2-215	1FT-P10
C122	.01 50V		UK50-103		MAG5011		
C123	.01 50V		UK50-103		MAG5011		
C124	.01 50V		UK50-103		MAG5011		
C125	.01 50V		UK50-103		MAG5011		
C126	10 NPO 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C127	220 50V		DTZ-220				10TCC-T22
C128	470 50V		DD-471	GP470	GP347		10TS-T47
C129	.01 50V		UK50-103		MAG5011		
C130	.01 50V		UK50-103		MAG5011		
C131	.01 50V		UK50-103		MAG5011		
C135	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C136	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C137	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C138	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C139	1 NPO 50V				CN0510		10TCC-V10
C140	10 NPO 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C141	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C143	68 NPO 50V 5%		DTZ-68	NP068	CN0468		10TCC-Q68
C144	39 NPO 50V 5%				CN0439		10TCC-Q39
C145	180 50V 10%				*		10TCR-T18
C147	1 NPO 50V	CCR2811815			CN0510		10TCC-V10
C148	390 N750 50V 10%		DTN-390				10TCU-T39
C149	330 N750 50V 5%		DTN-330	N330	CN7333		10TCU-T33
C150	.1 50V 10%			WMF05P1	M192P1049R8	QFT2-215	1FT-P10
C151	470 N750 50V 5%		DTN-470				10TCU-T47
C152	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C153	.1 50V 10%			WMF05P1	M192P1049R8	QFT2-215	1FT-P10
C154	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C155	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C156	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C157	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C158	47 NPO 50V 10%		DTZ-47	NP047	CN0447		10TCC-Q47

TEABERRY MODEL STALKER IX

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS (cont)

ITEM No.	RATING	MFG. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C159	330 N750 50V 5%	CCR2811215	DTN-330	N330	CN7333	QFT2-91	10TCU-T33
C160	2 NPO 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C161	.01 50V 10%			WMF1S1	M192P1039R8		1FT-S10
C163	120 N220 50V 10%			*		QFT2-171	10TCR-T12
C165	.001 50V		DD-102		GP210		10TS-D10
C166	18 50V				CN0418		10TCC-Q18
C167	.022 50V		DC-253	MGP025	TA125	QFT2-171	TG-S25
C168	.047 50V			DPMS2S47	M192P4739R8		1FT-S47
C170	100 50V		DTZ-100	NP0100	CN0310		10TCC-T10
C171	56 NPO 50V 5%				CN0456	QFT2-171	10TCC-056
C172	.001 50V		DD-102		GP210		10TS-D10
C173	.0047 50V		DD-472	GP4700	GP247		56A-D47
C174	220 N750 50V 10%		DTN-220	N220	CN7322	QFT2-63	10TCU-T22
C175	33 50V		DTZ-33	NP033	CN0433		10TCC-033
C176	.001 50V		DD-102		GP210		10TS-D10
C177	.022 50V		DC-253	MGP025	TA125	QFT2-171	TG-S25
C178	.001 50V		DD-102		GP210		10TS-D10
C181	.01 50V		UK50-103		MAG5011		
C182	.047 50V		UK50-503		MAG5015	QFT2-171	
C189	.01 50V		UK50-103		MAG5011		
C190	.047 50V 10%			DPMS2S47	M192P4739R8		1FT-S47
C192	.001 50V		DD-102		GP210	QFT2-63	10TS-D10
C195	47 NPO 50V 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C196	.01 50V		UK50-103		MAG5011		
C197	.0047 50V			WMF1D47	M192P4729R8	QFT2-63	1FT-D47
C202	.0047 50V		DD-472	GP4700	GP247		56A-D47
C203	.0047 50V		DD-472	GP4700	GP247		56A-D47
C204	.01 50V		UK50-103		MAG5011	QFT2-171	
C205	.01 50V		UK50-103		MAG5011		
C206	.022 50V		DC-253	MGP025	TA125		TG-S25
C207	.1 50V		CK-104		MAG5001	QFT2-171	TG-S25
C208	.022 50V		DC-253	MGP025	TA125		
C212	.01 50V		UK50-103		MAG5011		1FT-S47
C214	.047 50V 10%			DPMS2S47	M192P4739R8	QFT2-1	
C401	.01 50V		UK50-103		MAG5011		
C402	.022 50V		DC-253	MGP025	TA125		TG-S25
C403	.001 50V		DD-102		GP210	QFT2-1	10TS-D10
C404	.001 50V		CY15C102M	FA102K03	SM210		1FT-D10
C405	.001 50V		CY15C102M	FA102K03	SM210		1FT-D10
C406	.001 50V		CY15C102M	FA102K03	SM210	QFT2-1	1FT-D10
C407	.001 50V		CY15C102M	FA102K03	SM210		1FT-D10
C415	.001 50V		CY15C102M	FA102K03	SM210		1FT-D10
CT1	20	CCVY028004					
CT2	20	CCVY028004					
CT3	20	CCVY028004					

*Not normally in distributor's stock. Available thru distributor on order to manufacturer.

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA			
			MFG. PART No.	CENTRALAB PART No.	MALLORY PART No.	TRW PART No.
VR1	Sig Meter	10K	RRVY189005			U260R103B
VR2	Squelch Range	1000	RRVY189003			U260R102B
VR3	XMT Frequency	3000	RRVY189004			U260R502B
VR5	Carrier Balance	10K	RRVY189005			U260R103B
VR6	AM Power	5000	RRVY189010			U260R502B
VR7	RF ALC	10K	RRVY189005			U260R103B
VR8	RF Driver Bias	500	RRVY189002			U260R501B
VR9	RF Final Bias	5000	RRVY189010			U260R502B
VR10	TX Power Meter	100K	RRVY189008			U260R104B
VR401	Squelch	100K	RRVY126001			
VR402	Clarifier	20K	RRVY139001			
VR403	Volume/Power Switch	10K	RRVY008001			
VR404	RF Gain	10K	RRVY324001			

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	Noise Blanker	LLAY038001	LA-038	CBS512-7TC	
C2	Noise Blanker	LLAY179001	LA-179		
L3	AM IF (7.8MHz)	LLAY255001	LA-255		
L4	IF Amp (7.8MHz)	LLAY263001	LA-263		
L5	Mixer (7.8MHz)	LLAY2620016	LA-262		
L6	Mixer (7.8MHz)	LLAY257001	LA-257		
L7	Mixer (7.8MHz)	LLAY258001	LA-258		
L8	Rec Mixer (27MHz)	LLAY259001	LA-259		
L9	RF Amp (27MHz)	LLAY260001	LA-260		
L10	Rec RF (27MHz)	LLAY261001	LA-261		
L11	RF Choke (470MHz)	LLDY012004	LD-012		
L12	Pi Filter (100uH)	LLZY012001	LZ-012		
L13	PLL	LLAY216001	LA-216		
L14	VCO (34MHz)	LLAY195001	LA-195		
L15	RF Choke (470uH)	LLDY012004	LZ-012		
L16	RF Choke (470uH)	LLDY012004	LD-012		
L17	Carrier Shift (7.8MHz)	LLAY217001	LA-217		
L18	RF Choke	LLAY256001	LA-256		
L19	Oscillator (34.9825MHz)	LLAY217001	LA-217		
L20	Oscillator (34.9850MHz)	LLAY218001	LA-218		

PARTS LIST AND DESCRIPTION (CONTINUED)

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

COILS (RF-IF) (cont)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L21	RF Choke (470uH)	LLDY012004	LD-012		
L22	RF Choke (470uH)	LLDY012004	LD-012		
L23	RF Choke (470uH)	LLDY012004	LD-012		
L24	RF Choke (470uH)	LLDY012004	LD-012		
L25	RF Choke (100uH)	LLZY012001	LZ-012		
L26	IF (7.8MHz)	LLAY219001	LA-219		
L27	XMT Mixer (35MHz)	LLAY160001	LA-160		
L28	Pre Driver (27MHz)	LLAY220001	LA-220		
L29	Pre Driver (27MHz)	LLAY254001	LA-254		
L30	XMT Driver (27MHz)	LLDY096001	LD-096		
L33	RF Choke	LLDY098001	LD-098		
L35	RF Choke	LLDY098001	LD-098		
L36	Loading Final (27MHz)	LLCY019001	LC-019	CB-305	
L37	Pi Filter (27MHz)	LLCY051001	LE-051		
L38	Antenna Matching (27MHz)	LLCY051001	LE-051		
L39	Trap (54MHz)	LLCY019001	LC-019	CB-305	
L401	RF Choke	LLDY013001	LD-013		
L402	RF Choke	LLDY013001	LD-013		
L403	RF Choke	LLDY089001	LD-089		

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.	
T1	2.8A	.19	2.3mH	TTFY147001 TF-151(1)			(1) Number on unit.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP401	3 1/2" PM 8 Ohms	ASPY050001	3A0528	

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
F401	4A Quick Acting	ZFSY012001		AGC-4	HRK	312004	150145	

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFGR. 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	AMKY106001				18-093	1	2	5	3	NC	4

TEABERRY MODEL STALKER IX

PARTS LIST AND DESCRIPTION (CONTINUED)

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

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CC1	Capacitor Array	HHAY003001	Consists of four capacitors.
D401	LED	DDAY078001	Channel Readout (1.99V, 5.8mA)(TLR-321)
D402	LED	DDAY100001	TX (Transmit) RED (2.00V, 15mA)(TLR124)
D405	LED	DDAY116001	RX Grn (2.07V, 22mA)(TLG12YA)
D410	LED	DDAY100001	AM Red (1.92V, 6.6mA)(TLR124)
D411	LED	DDAY100001	USB Red (1.92V, 6.6mA)(TLR124)
D412	LED	DDAY100001	LSB Red (1.92V, 6.6mA)(TLR124)
FT1	Filter	FFLY065001	7.8MHz
J401	Jack	JJKY089001	PA Speaker
J402	Jack	JJKY089001	Ext Speaker
J403	Jack	JJKY052001	DC Power
J404	Jack	JJKY104001	Mic
J405	Jack	JJKY068001	Antenna
L31	Ferrite Bead	LLDY087001	
L32	Ferrite Bead	LLDY101001	
L34	Ferrite Bead	LLDY087001	
L50	Ferrite Bead	LLDY077001	
L51	Ferrite Bead	LLDY077001	
L52	Ferrite Bead	LLDY077001	
L404	Ferrite Bead	LLDY077001	
L405	Ferrite Bead	LLDY077001	
M401	Meter	ZHTY097001	S/RF/PWR
PL401	Lamp		Meter (10.39V, 32mA)
S401	Switch	SSRY208001	Channel Selector
S402	Switch	RRVY008001	Power (Part of Volume)
S403	Switch	SSRY205001	AM/USB/LSB
S404	Switch	SSWY146001	PA/CB
S405	Switch	SSWY146001	NB-ANL
S406	Switch	SSWY146001	Dim/Brt
X1	Crystal	QQXY077001	10.240MHz
X2	Crystal	QQXY084001	7.8025MHz
X3	Crystal	QQXY083001	7.7975MHz
X4	Crystal	QQXY098001	11.1125MHz
	DC Power Cord	KZDZ070234	
	P.C. Board	PPCY385014	Main (PC-385AD)
	P.C. Board	PPCY33011	Channel Switch (PC-383AA)
	P.C. Board	PPCY373011	LED (PC-373AA)
	P.C. Board	PPCY389011	Mic Jack (PC-389AA)

CABINETS & CABINET PARTS (When ordering specify model, chassis & color)

ITEM	PART No.	ITEM	PART No.
Chassis	MDEC205978	ID Plate FCC	MDNP406476
Cover Top	MDBP205979	Knob-Channel	MDMP406425
Cover Bottom	MDBP205980	Knob-Volume,Squelch,Clarify,RF Gain	MDMP402181
Chassis Front	MDBP306470	Protection Cover, Chassis	MDZP405498
Front Panel	MDMP206472		

WIRING DATA

Cable (Speaker)(Unshielded).....	Use BELDEN No. 8782 (AWG24)(4 colors)
Shielding Strap.....	Use BELDEN No. 8660 (3/16" width)
Hook-up Wire (General Use).....	Use BELDEN No. 8524 (AWG22)(13 colors)
Hook-up Wire (Shielded).....	Use BELDEN No. 8401 (Braided Shield)(1 conductor)(AWG25)
	Use BELDEN No. 8421 (Spiral Shield)(1 conductor)(AWG25)
	Use BELDEN No. 8737 (Spiral Shield)(2 conductor)(AWG22)
Microphone Cable (Coiled).....	Use BELDEN No. 9467 (5 conductor-1 shielded)(6 ft.)(AWG28)