



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 4048077

MANUFACTURER'S SPECIFICATIONS

CB RADIO SPECIFICATIONS (1)

• Radio

Frequency Range:	AM 535-1610 KHz FM 88-108 MHz
Intermediate Frequency:	AM 455 KHz FM 10.7 MHz
Sensitivity:	AM 11 uV Min. FM 6 uV
Stereo Separation:	25 dB (at 400 Hz)

• Common

Power Supply Voltage:	12 VDC (11-16V), Negative Ground
Power Consumption:	
Radio AM:	Approximately 8.3W
Radio AM/FM-MX:	Approximately 8.3W
CB Transceiver:	Approximately 11.0W
Audio Power Output:	Greater than 4.0 Watts per channel for distortion less than 10%.
Speaker Impedance:	1.6-3.2 Ohms

• CB Receiver

Channels:	40
Frequency Range:	26.965 - 27.405 MHz
Intermediate Frequency:	1st (10.595 MHz) 2nd (455 KHz)
Sensitivity:	.7 uV input to produce at least 2 Watts audio output at 10 db S/N ratio or better
Adjacent Channel Rejection:	40 dB for less than 6 dB reduction in SINAD ratio.
Squelch Sensitivity (Full CW):	200 uV to 631 uV
AGC:	94 dB (output $\pm$ 2 db for inputs of 10 uV to 0.5 volts)

CB RADIO SPECIFICATIONS (1) (continued)

• CB Transmitter

Channels:	40
Frequency Range:	26.965 - 27.405 MHz
Frequency Tolerance:	$\pm$ 0.005%
RF Output Power:	4W (Maximum)
Modulation Capability:	80-100%
Spurious Suppression:	-60 dB or more
Antenna Impedance:	50 Ohms

CHRYSLER MODELS 4048076/8077

Courtesy of the Manufacturer

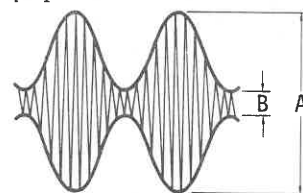
HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206

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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 13.80-volt DC input. Connect low sides of test equipment to ground unless specified otherwise. Connect 50-ohm dummy load or antenna before keying transmitter.

Suggested Alignment Tools: GC ELECTRONICS:
 C974 8276, 5000
 L204, L206 9091, 8728A, 8728
 T201, T202, T203, T301 thru T304, T906,
 T907, T908, IFT301 thru IFT305 5009, 8728A, 8728



$$\text{Modulation Ratio} = \frac{A - B}{A + B} \times 100 (\%)$$

FIGURE 1

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of frequency counter thru 5pF to TP10 (IC901 Pin 3).	Ch. 19	C974	Adjust for 10.240MHz.
Input of DC meter to TP1 (Junction of R967 & R968).	Ch. 19	T906	Adjust for 3.20 volts.
Input of oscilloscope to TP2 (Junction of T908 & R985).	Ch. 19	T907, T908	Adjust for Maximum.
Input of frequency counter to TP2 (Junction of T908 & R985).	Ch. 1		Check for 16.370MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP11 (IC901 Pin 2).	Ch. 1		Check for 1.010MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP12 (TR305 Base).	Ch. 19		Check for 10.140MHz.
Input of frequency counter thru 5pF to TP13 (TR207 Emitter).	Ch. 19, XMT		Check for 10.595MHz.
Input of frequency counter to antenna jack.	Ch. 19, XMT	C974	Check for 27.185MHz. If necessary readjust C974 for 27.185MHz.

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. Squelch MINIMUM, NB Off.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP12 (TR305 Base). 455kHz, 1000Hz @ 30% modulation.	Ch. 19	IFT305, IFT304, IFT303	Adjust for Maximum output.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19	IFT302, IFT301, T303, T302, T301	Adjust for Maximum output. If necessary readjust IFT303, IFT304, IFT305.
Inject a 100pps, pulse width 1uSec signal at antenna jack. Input of oscilloscope to TP3 (TR310 Collector).	Ch. 19 NB On	T304	Adjust for Maximum.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Squelch MINIMUM, NB Off.

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation. Output 500uV.	Ch. 19	VR302	AGC Adjust volume for 0db. Decrease generator output to 1uV. Adjust VR302 for 10db drop in audio.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation. Output 500uV.	Ch. 19 Squelch Maximum	VR303	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	VR301	S METER Adjust for 9 on s scale of meter.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation. Output 1uV. Input of AC VTVM to TP14 (CN301 Pin 1).	Ch. 19	VR305	AUDIO GAIN Adjust for 90mV audio.

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.

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
	Ch. 19	T203, T202, T201, L206, L204, VR203	Adjust for Maximum.
	Ch. 19	VR202	Adjust for 3.8 watts.

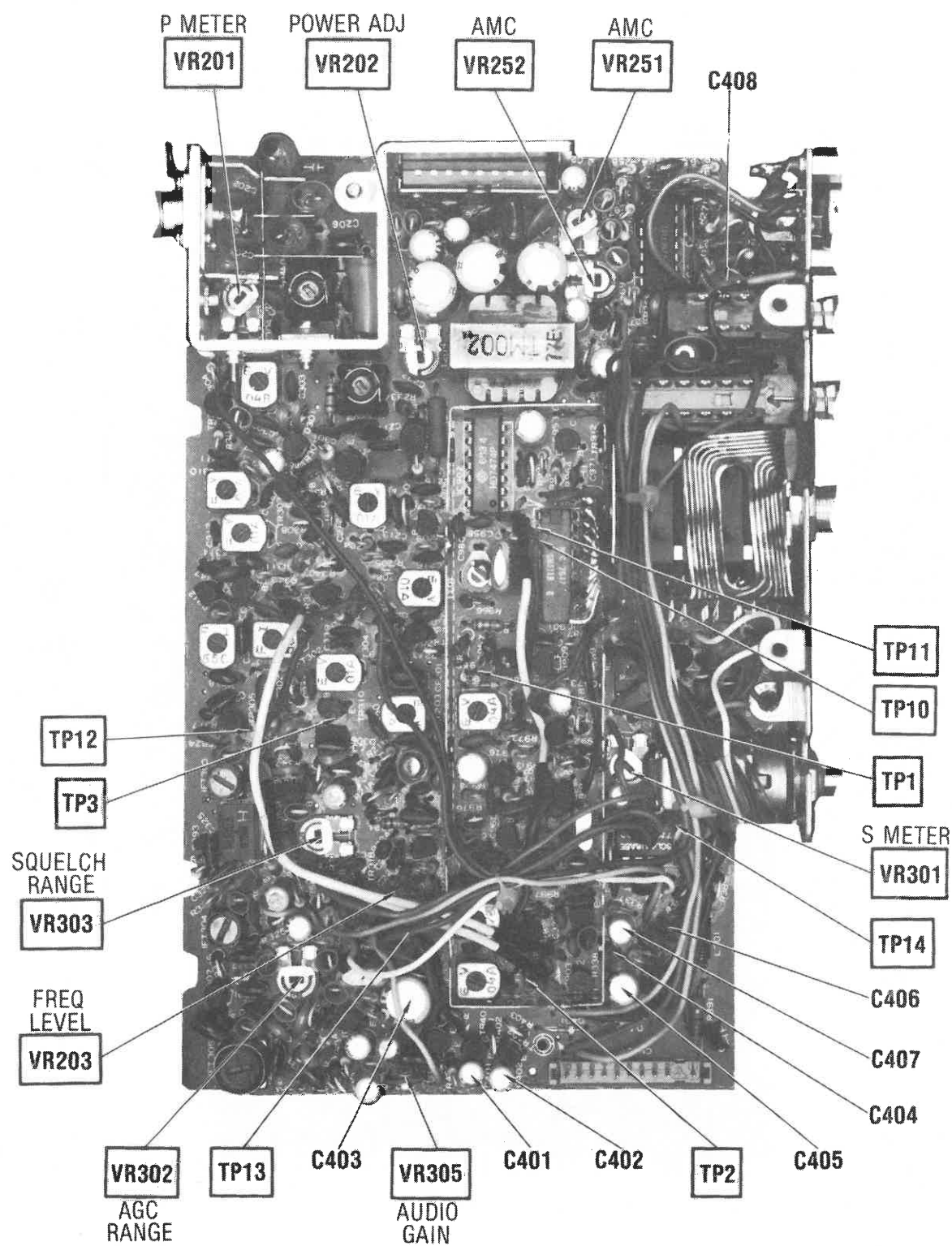
TRANSMITTER ADJUSTMENTS

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 adjustment of transmitter.
See page 4 for channel frequencies.

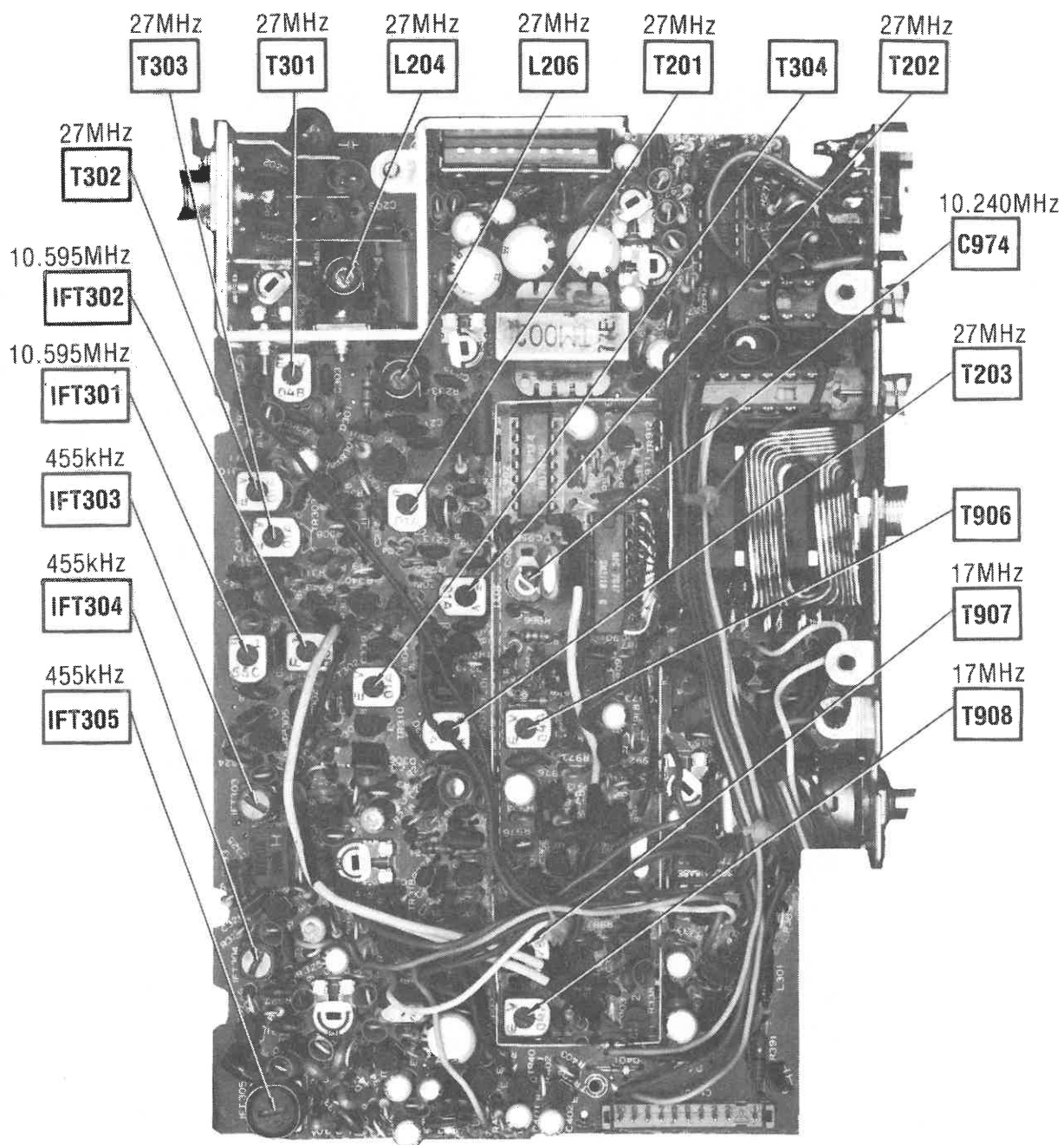
TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of oscilloscope or modulation meter to antenna jack. Inject a 1000Hz, 70mV signal at Mic input.	Ch. 19	VR251, VR252	AMC Adjust VR252 for maximum modulation. Adjust VR251 for 100% modulation maximum. See Figure 1.
Connect an RF wattmeter and 50-ohm 25-watt dummy load to antenna jack.	Ch. 19	VR201	P METER Adjust VR201 so that P meter agrees with RF wattmeter.

TRUTH CHART

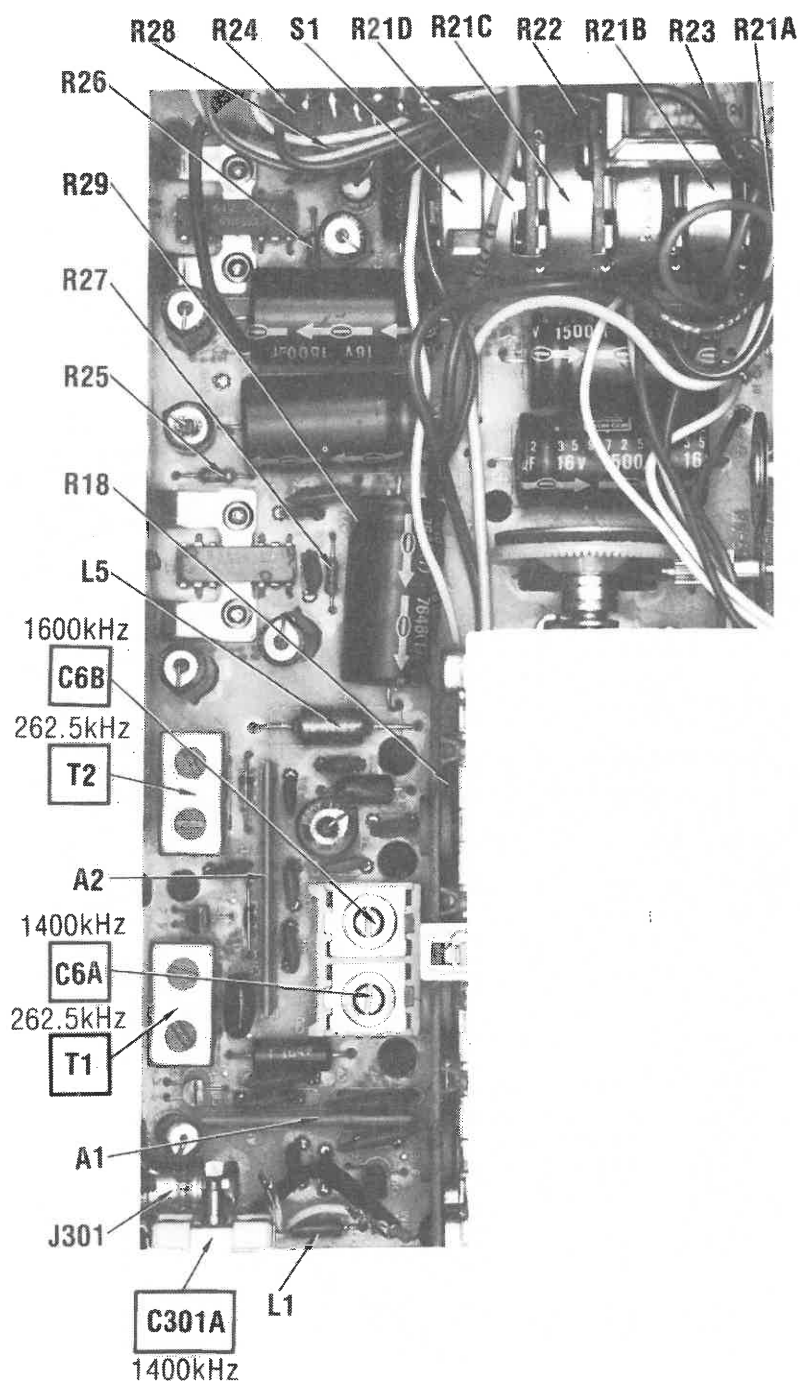
CHANNEL	1 = 5.00 Volts 0 = 0 Volts								REC & XMT SYNTHESIZER OUTPUT IN MHz AT TP2 (Junction T908 & R895)	DIVIDER INPUT VCO OUTPUT IN MHz AT TP11 (IC901, PIN 2)	
	IC901 PROGRAM DIVIDER										
	PINS										
	11	12	13	14	15	16	17				
1	1	0	0	1	0	1			16.370	1.010	
2	1	0	0	1	1	0			16.380	1.020	
3	1	0	0	1	1	1			16.390	1.030	
4	1	0	1	0	0	1			16.410	1.050	
5	1	0	1	0	1	0			16.420	1.060	
6	1	0	1	0	1	1			16.430	1.070	
7	1	0	1	1	0	0			16.440	1.080	
8	1	0	1	1	1	0			16.460	1.100	
9	1	0	1	1	1	1			16.470	1.110	
10	1	1	0	0	0	0			16.480	1.120	
11	1	1	0	0	0	1			16.490	1.130	
12	1	1	0	0	1	1			16.510	1.150	
13	1	1	0	1	0	0			16.520	1.160	
14	1	1	0	1	0	1			16.530	1.170	
15	1	1	0	1	1	0			16.540	1.180	
16	1	1	1	0	0	0			16.560	1.200	
17	1	1	1	0	0	1			16.570	1.210	
18	1	1	1	0	1	0			16.580	1.220	
19	1	1	1	0	1	1			16.590	1.230	
20	1	1	1	1	0	1			16.610	1.250	
21	1	1	1	1	1	0			16.620	1.260	
22	1	1	1	1	1	1			16.630	1.270	
23	0	0	0	0	1	0			16.660	1.300	
24	0	0	0	0	0	0			16.640	1.280	
25	0	0	0	0	0	1			16.650	1.290	
26	0	0	0	0	1	1			16.670	1.310	
27	0	0	0	1	0	0			16.680	1.320	
28	0	0	0	1	0	1			16.690	1.330	
29	0	0	0	1	1	0			16.700	1.340	
30	0	0	0	1	1	1			16.710	1.350	
31	0	0	1	0	0	0			16.720	1.360	
32	0	0	1	0	0	1			16.730	1.370	
33	0	0	1	0	1	0			16.740	1.380	
34	0	0	1	0	1	1			16.750	1.390	
35	0	0	1	1	0	0			16.760	1.400	
36	0	0	1	1	0	1			16.770	1.410	
37	0	0	1	1	1	0			16.780	1.420	
38	0	0	1	1	1	1			16.790	1.430	
39	0	1	0	0	0	0			16.800	1.440	
40	0	1	0	0	0	1			16.810	1.450	



CB BOARD



CB BOARD



AM-AUDIO BOARD

ALIGNMENT INSTRUCTIONS

Check for specified source voltage.
Connect low sides of generator and indicator to ground unless specified otherwise.
Use only enough generator output to provide a usable indication.

Suggested Alignment Tools:

GC ELECTRONICS:

T1, T2, T103 5009, 8728A, 8728
C6, C301, C102, C108, C115 5000, 8276
T101, T102 9440

PUSH-BUTTON ADJUSTMENT

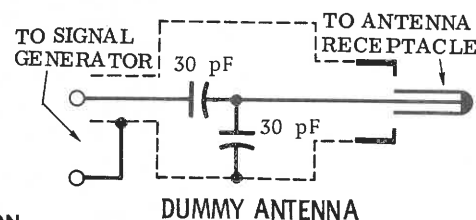
1. Pull button out.
2. Tune manually to desired station.
3. Press button in firmly.
4. Repeat for remaining buttons.

AM ALIGNMENT—SELECTOR IN AM POSITION FM Board must be removed to gain access to AM IF Coils.

Connect output meter across speaker voice coil.

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	ADJUST	REMARKS
High side thru .1uF to antenna	262.5kHz 400-Hz mod.	High freq end stop	T2 T1	Adjust for maximum.
Thru dummy antenna to antenna input.	600kHz	600kHz	L4	"
Thru dummy antenna to antenna input.	1600kHz	1600kHz	C6B	"
Thru dummy antenna to antenna input.	1400kHz	1400kHz	C6A, C301 L3, L2	Adjust for maximum. Repeat alignment until no further improvement is noted.

With radio installed in car and antenna extended 36", tune in a weak station near 1400kHz and adjust C301 for maximum output. Antenna adjustment is located right side of radio at rear.



FM IF ALIGNMENT USING FM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001uF to TP17 (Q102, G2).
Use 60-hertz, frequency-modulated signal, 450kHz sweep.
Use 60-hertz sawtooth voltage in scope for horizontal deflection.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
"	"	Vert input of scope to TP15	T102 T101	Adjust T101 & T102 for maximum amplitude and straightness of line, similar to Fig. 2.

FIG. 2

FM RF ALIGNMENT—SELECTOR IN FM POSITION

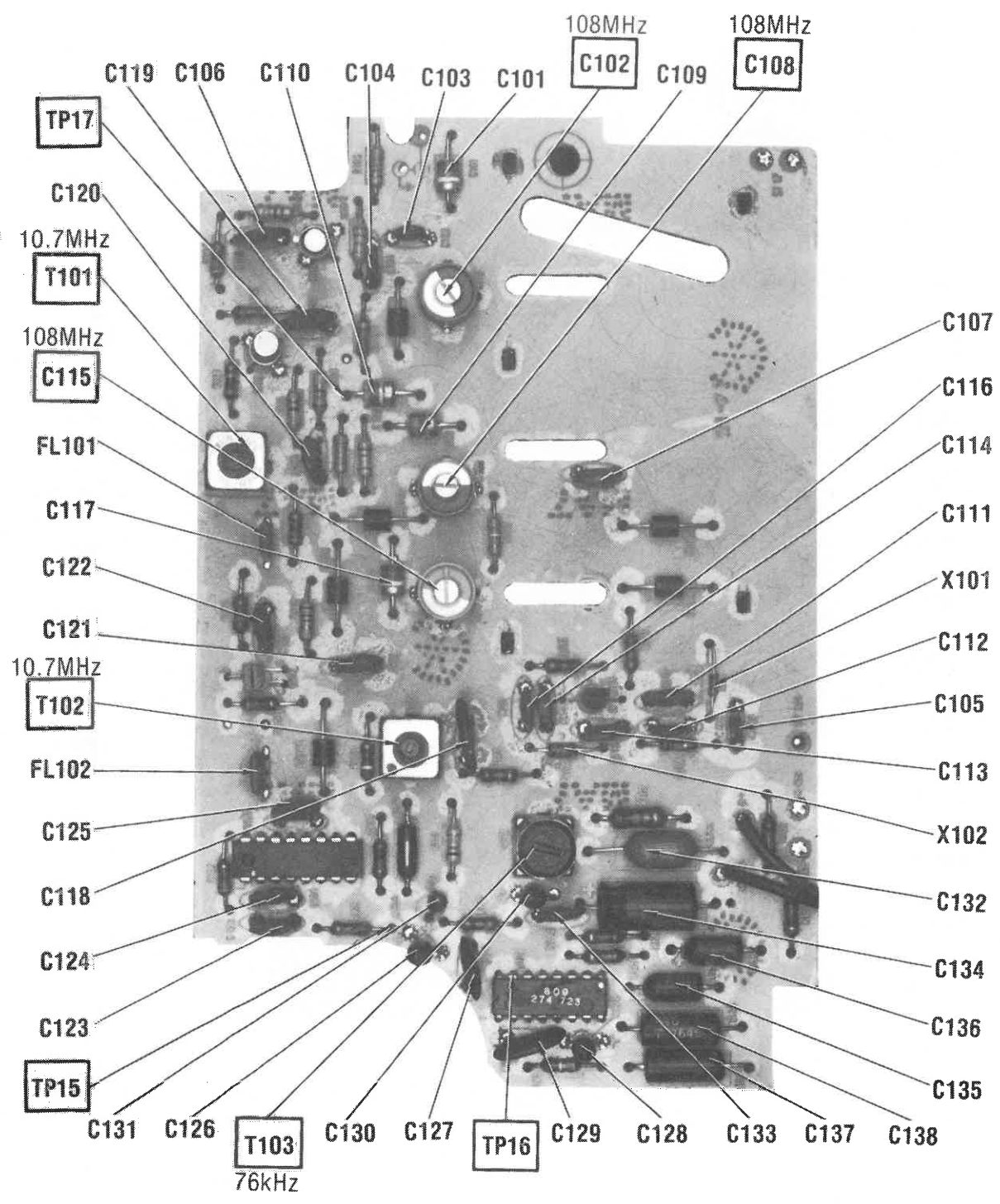
Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead. Adjustment of coils by bending should not be attempted unless the coil is deformed or replaced.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
88MHz Modulated	88MHz	AC probe of VTVM to voice coil	L103, L102, L101	Adjust for maximum.
108MHz Modulated	108MHz	"	C115, C108, C102	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

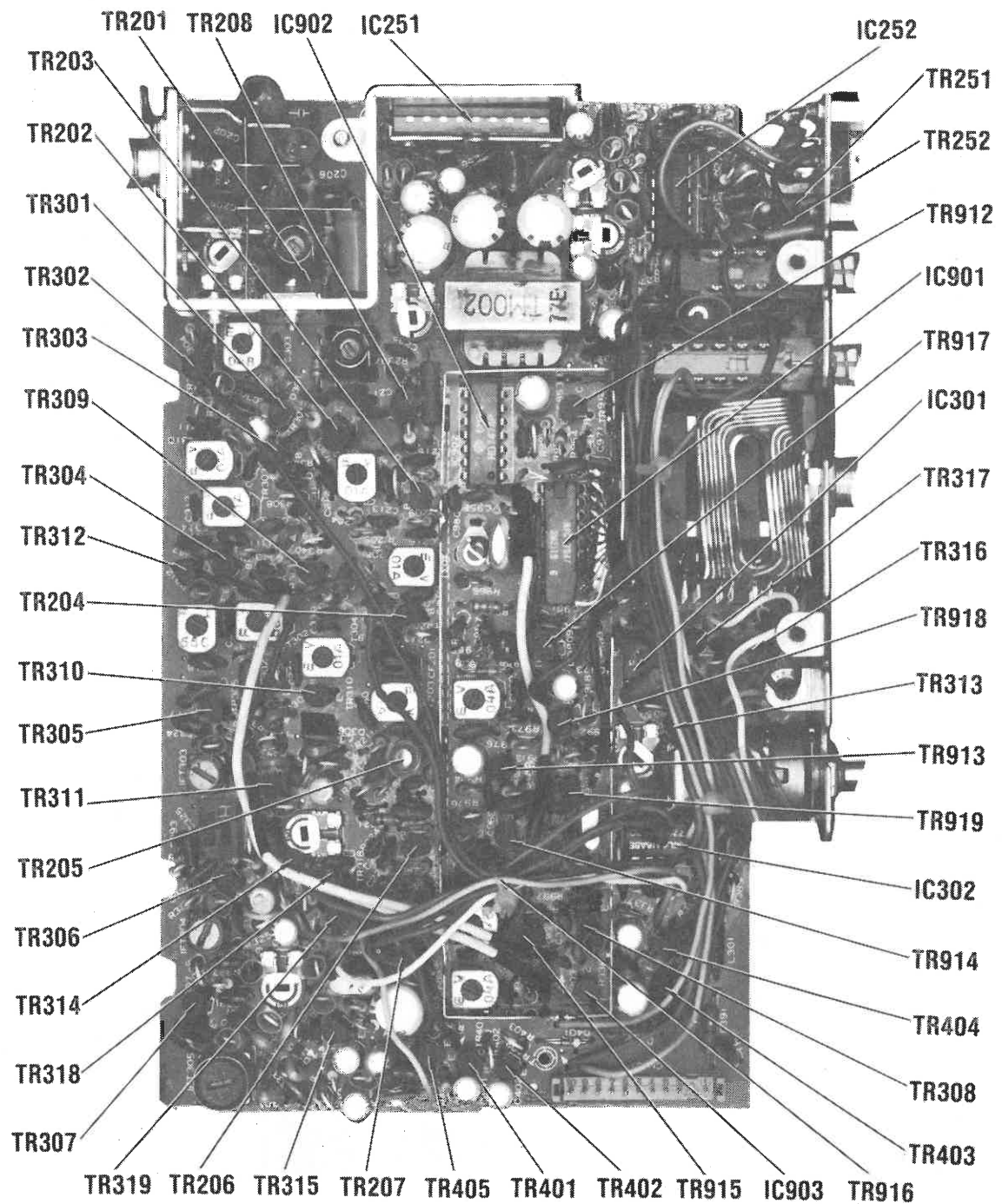
FM STEREO ALIGNMENT

Connect a jumper from TP15 (junction of R125 and C126) to ground.

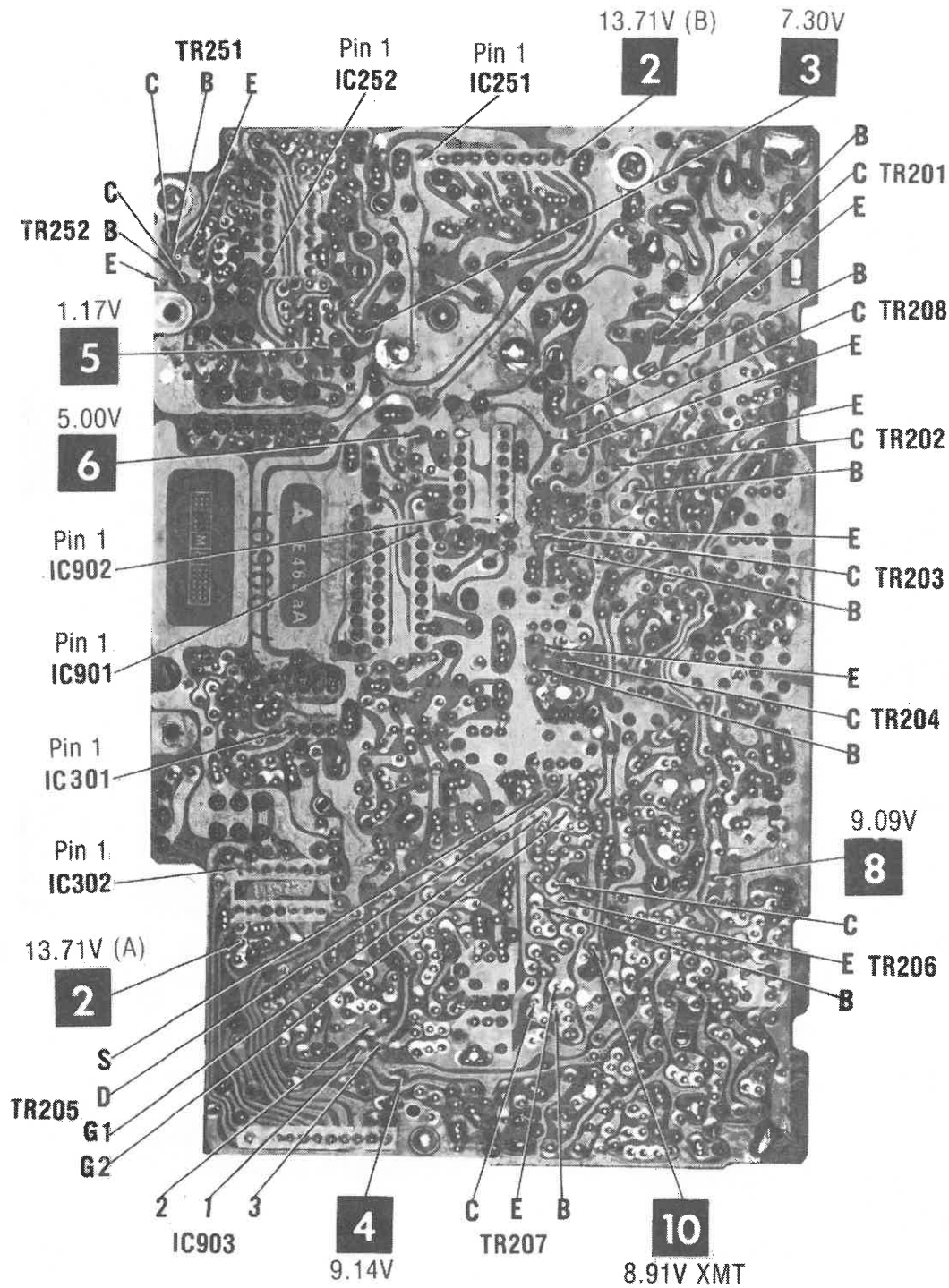
GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
	Input of frequency counter to TP16 (IC102 Pin 10).	T103	Adjust for 76kHz $\pm$ 20Hz.



FM BOARD

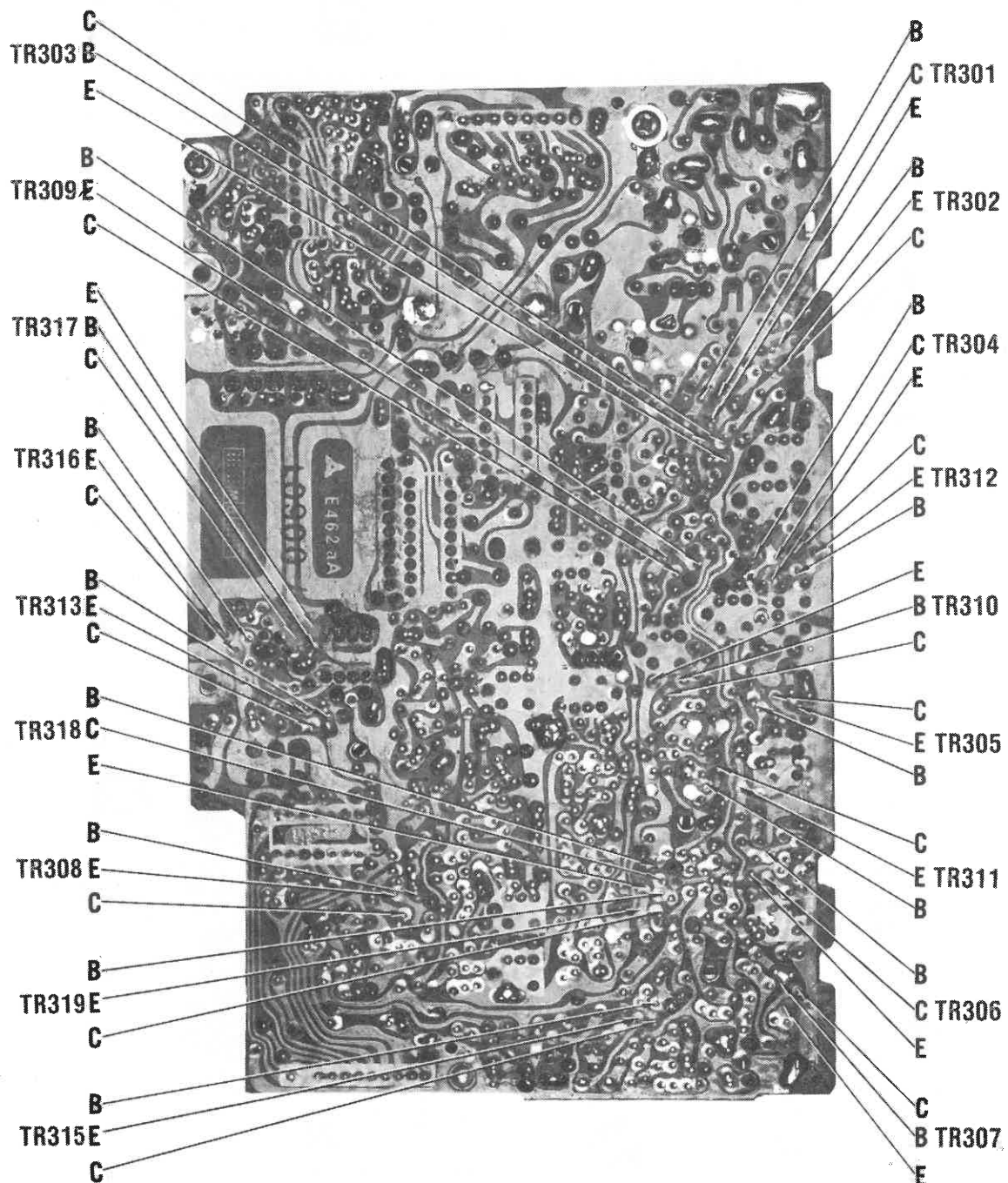


CB BOARD

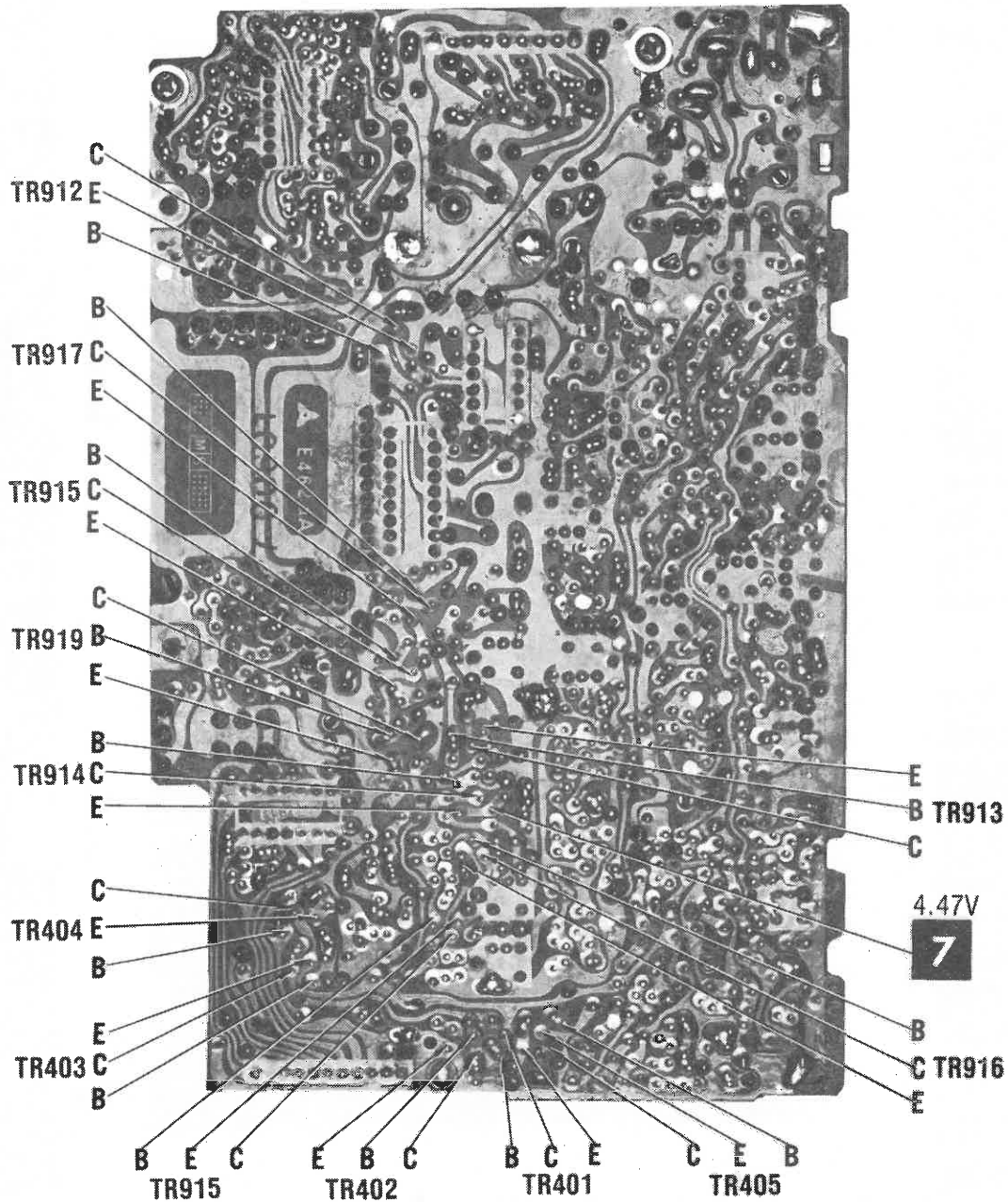


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CB BOARD

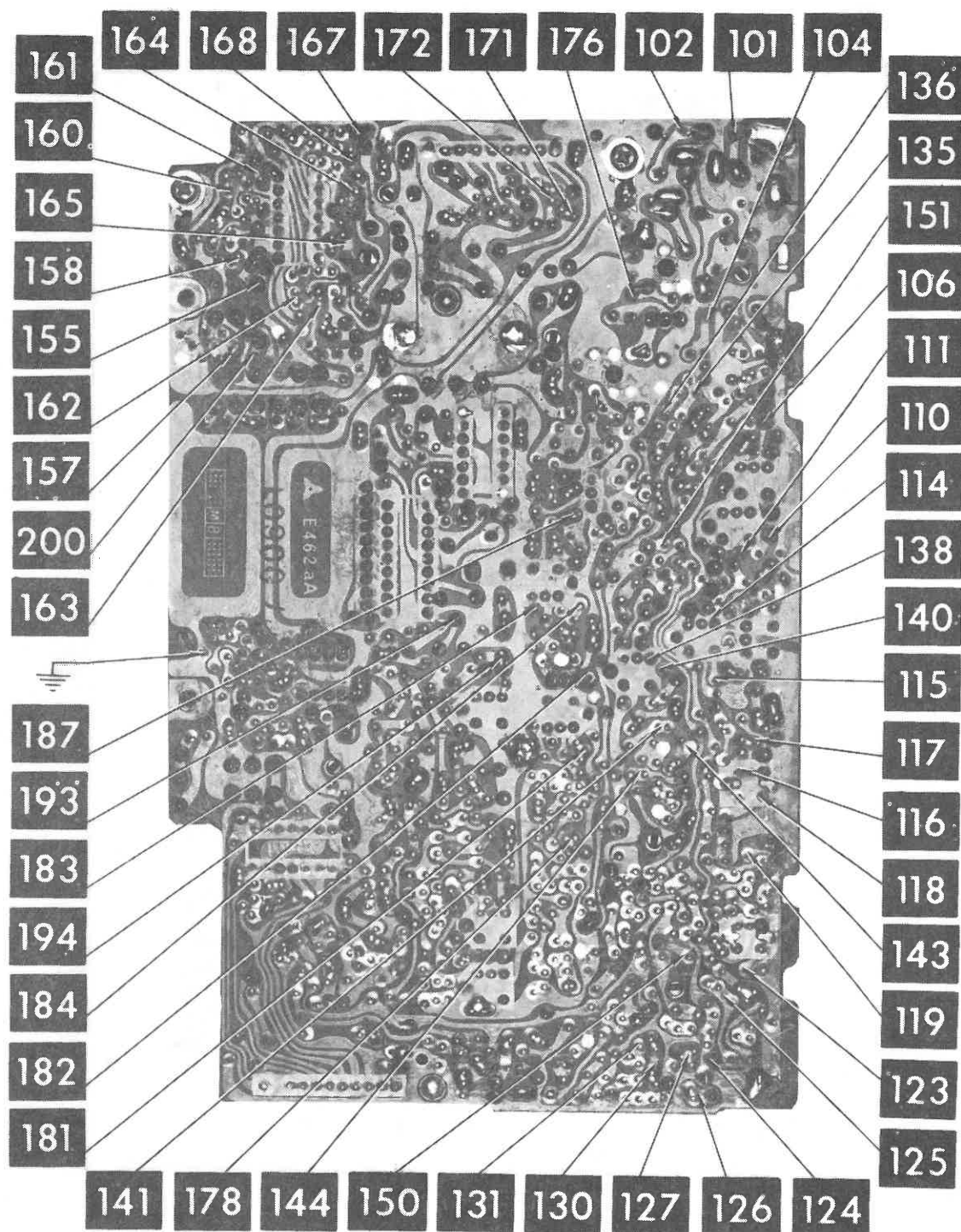


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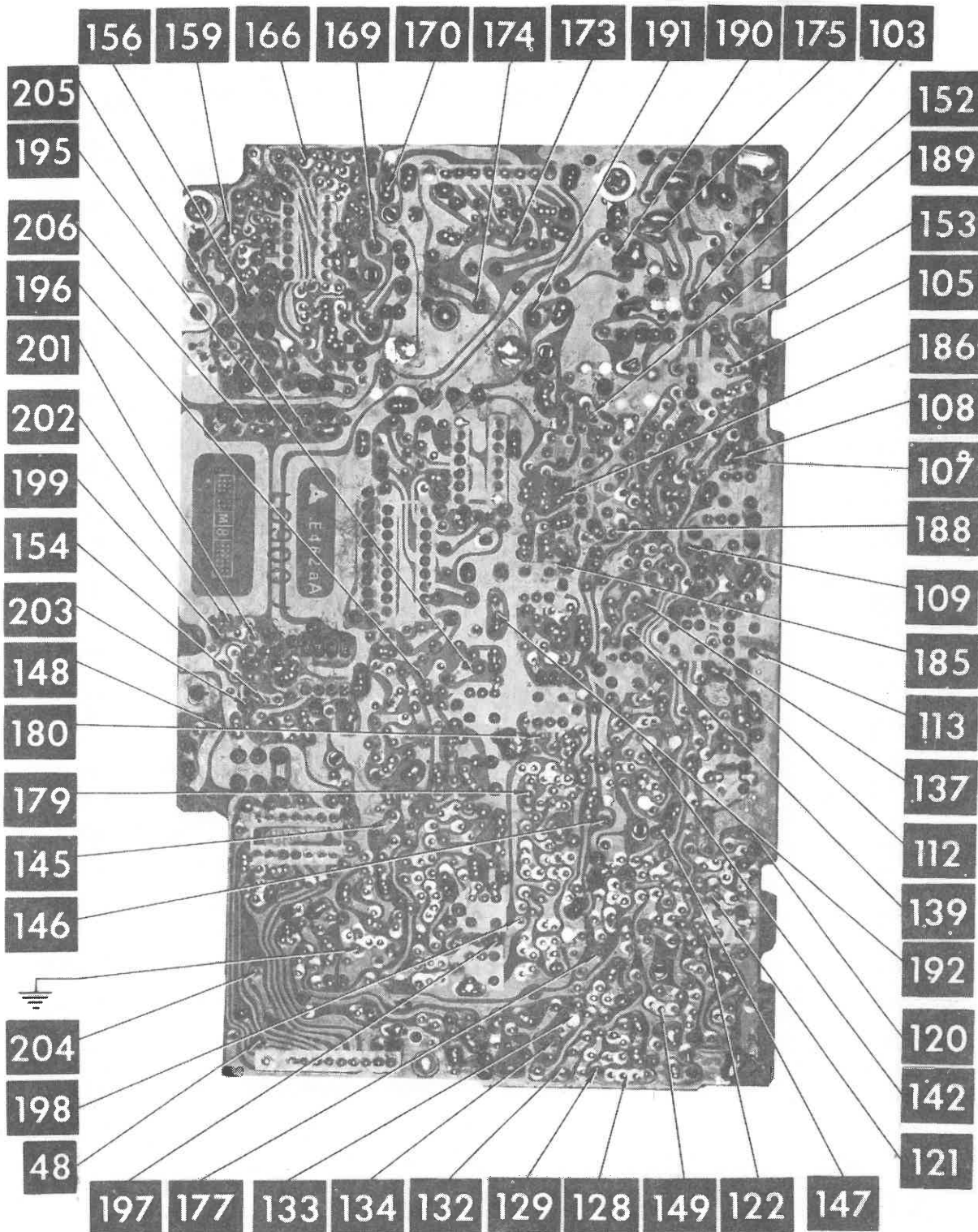
CHRYSLER MODELS 4048076/8077

CB BOARD

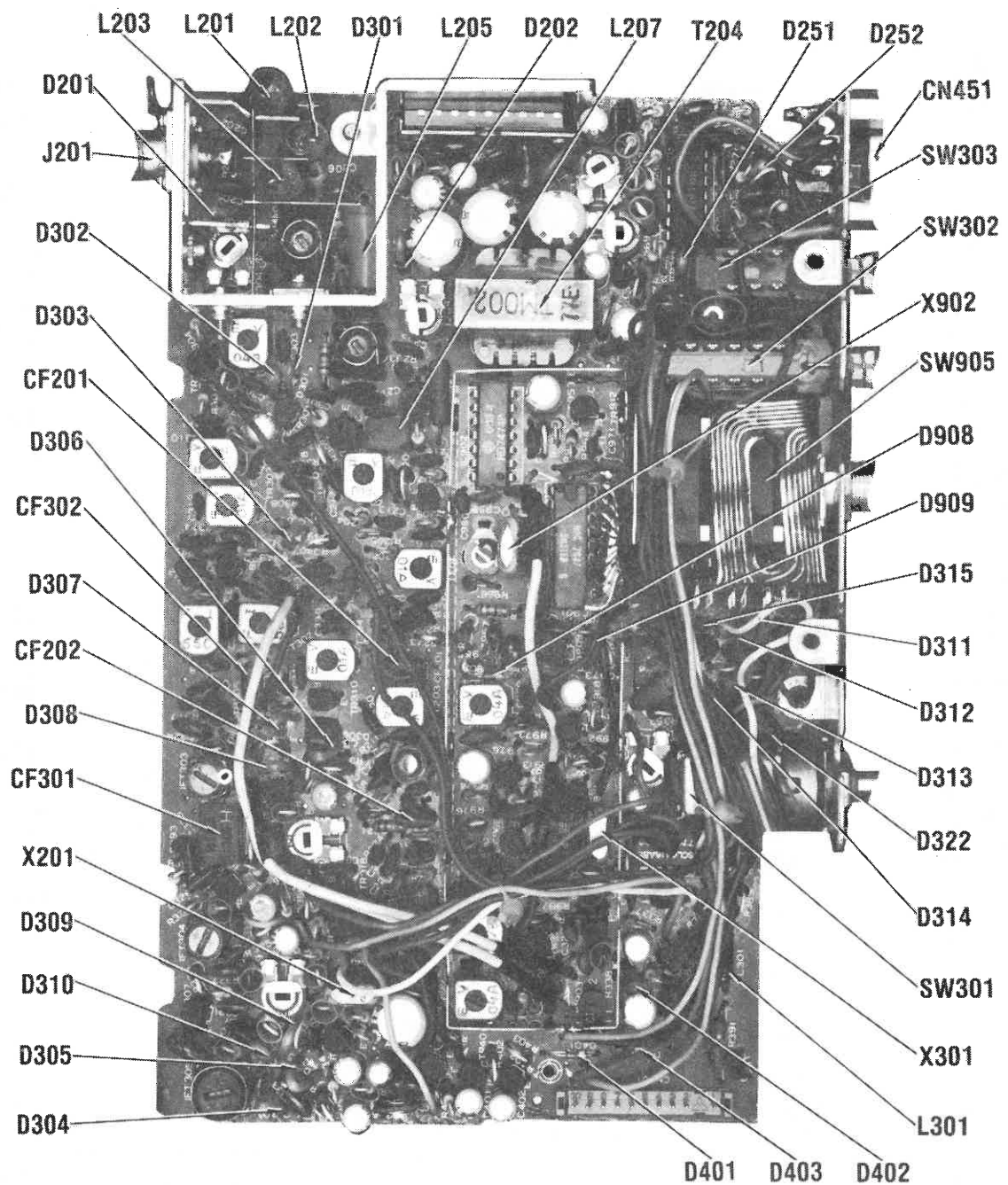


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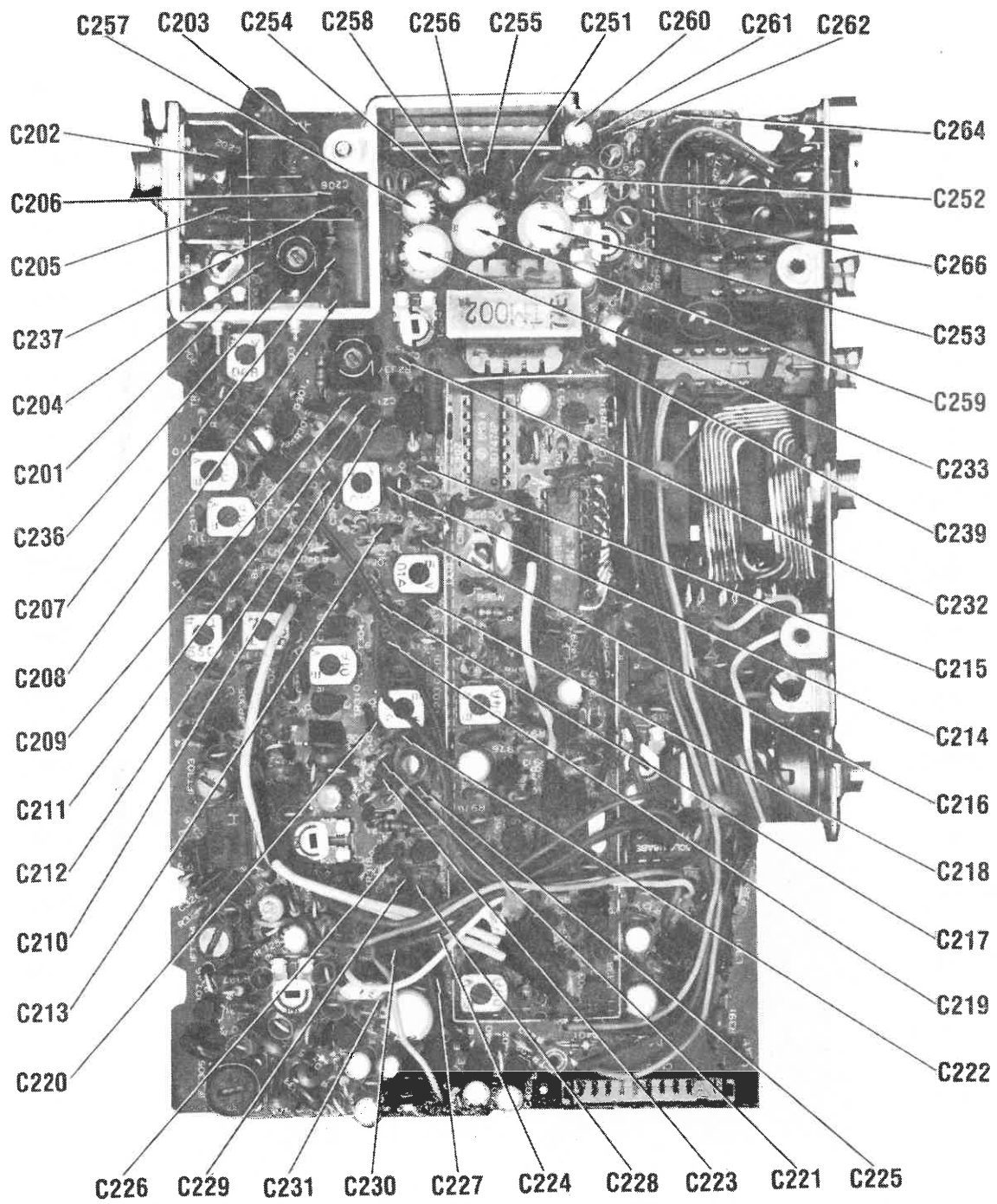
CHRYSLER MODELS 4048076/8077



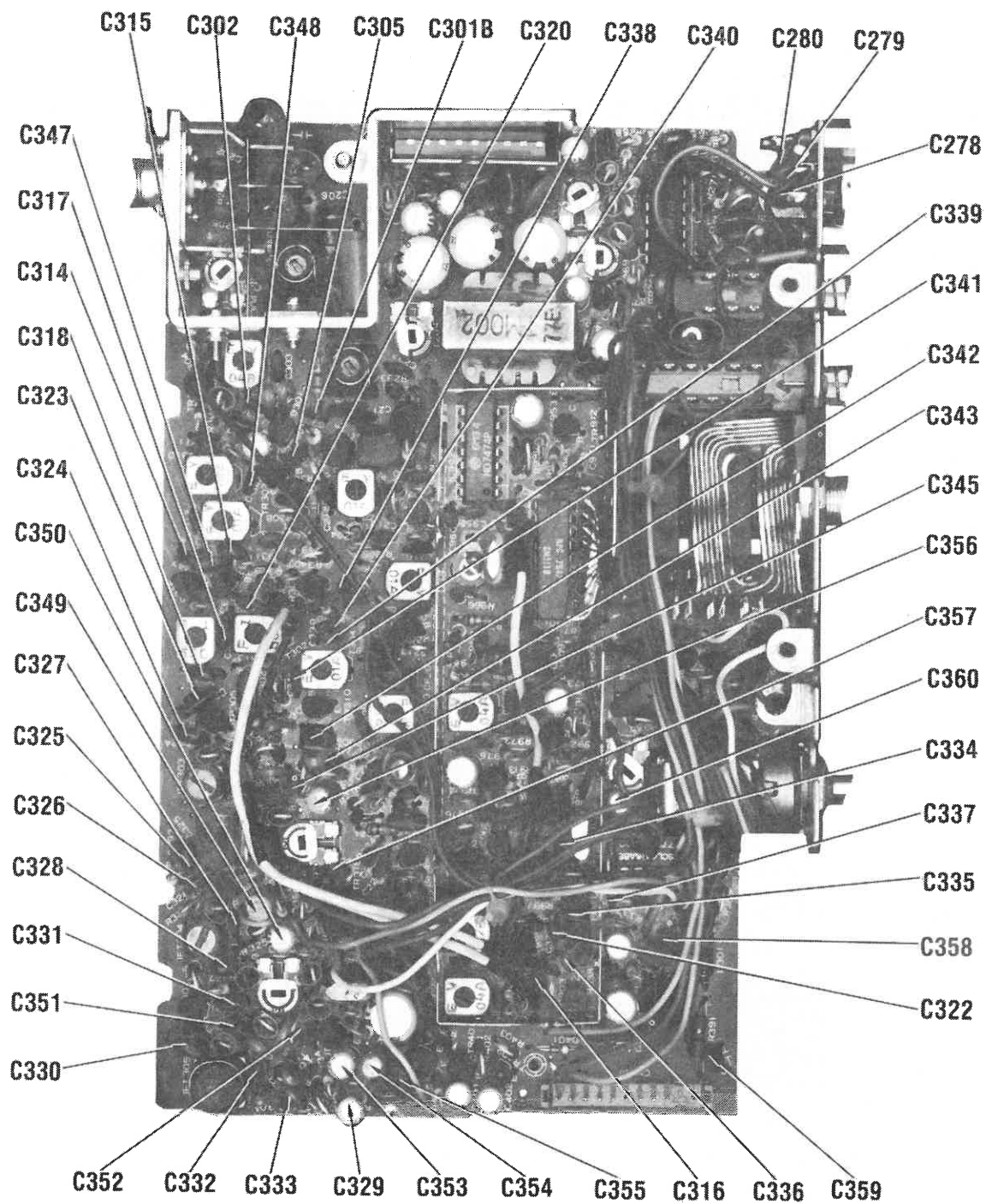
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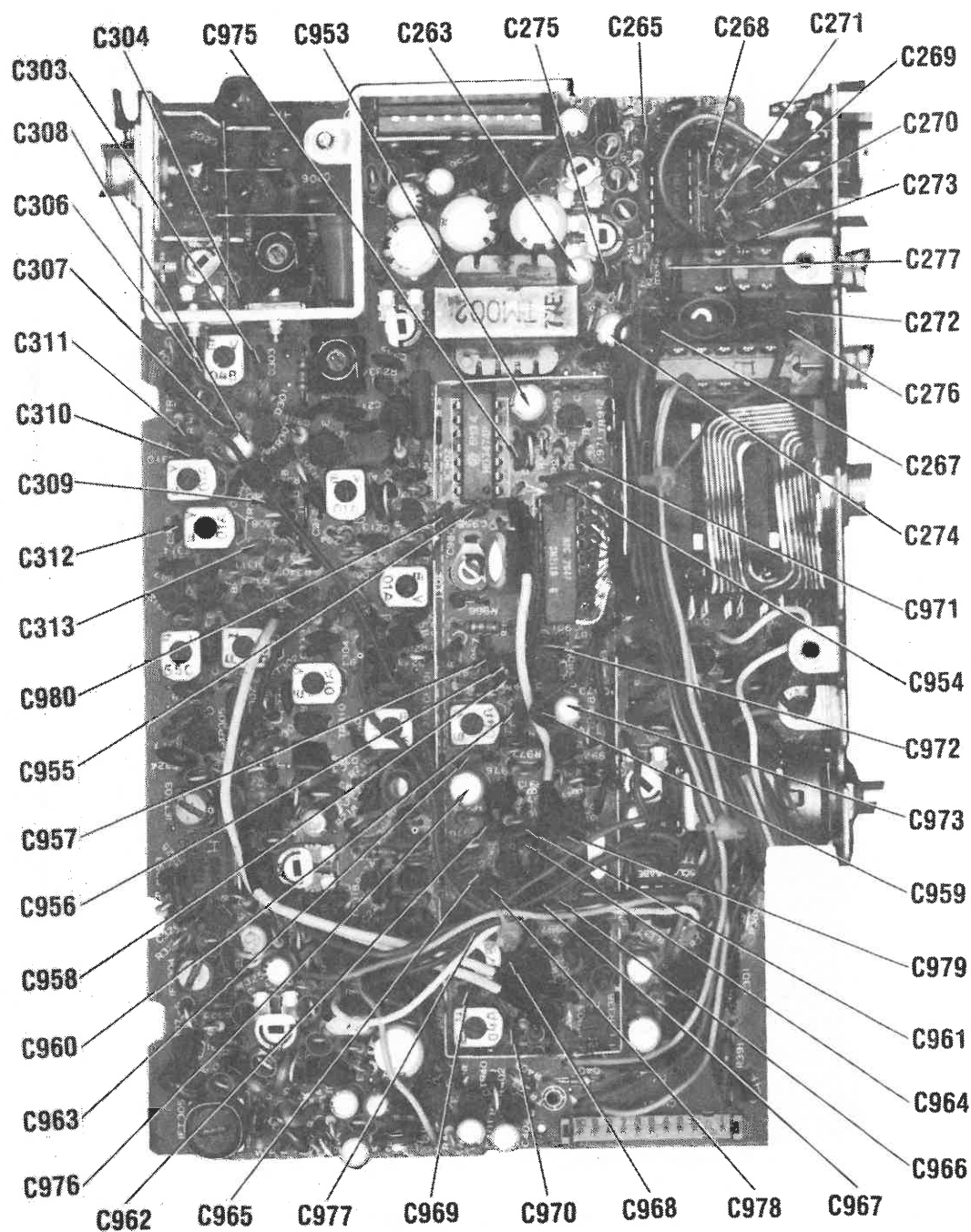
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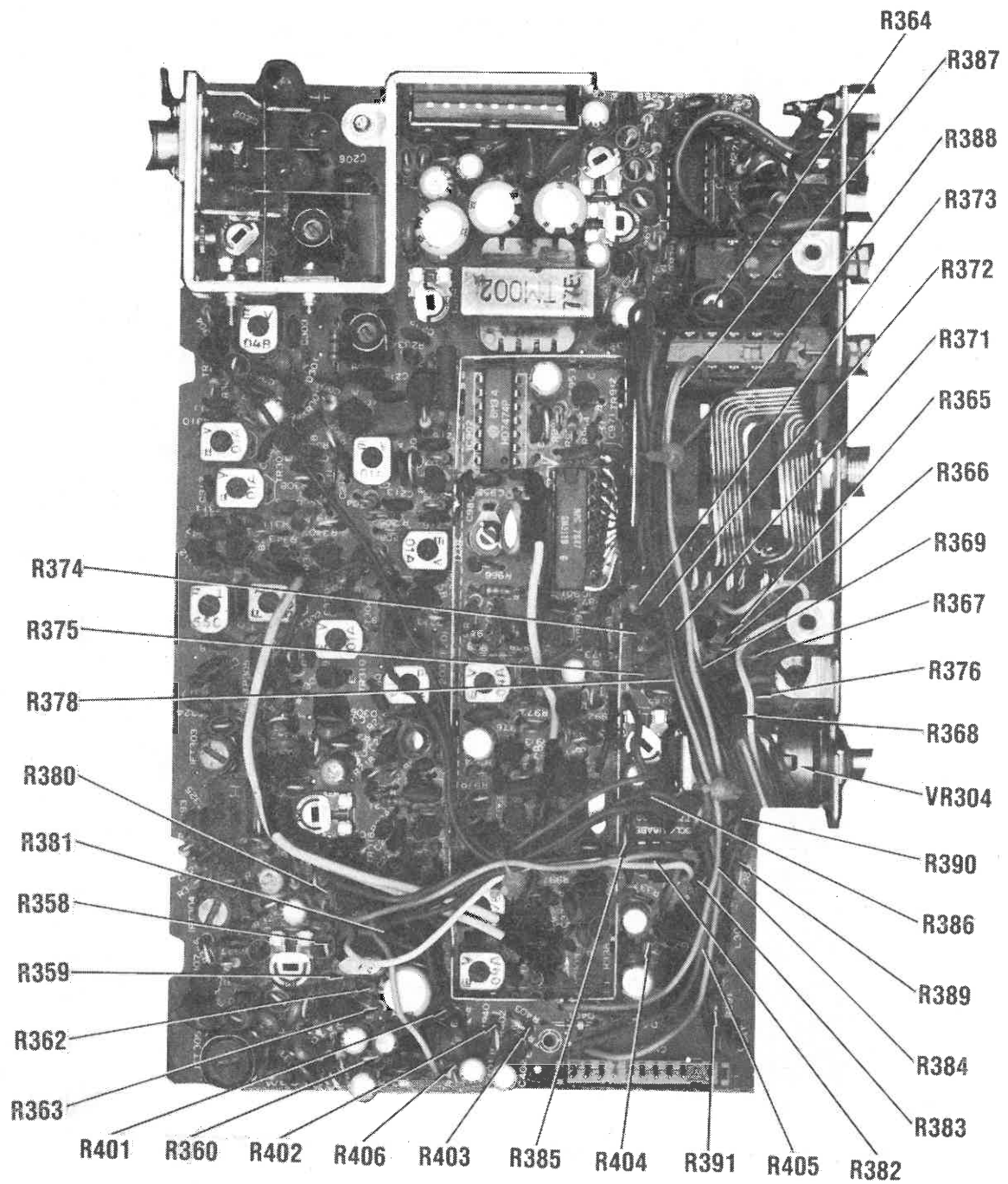
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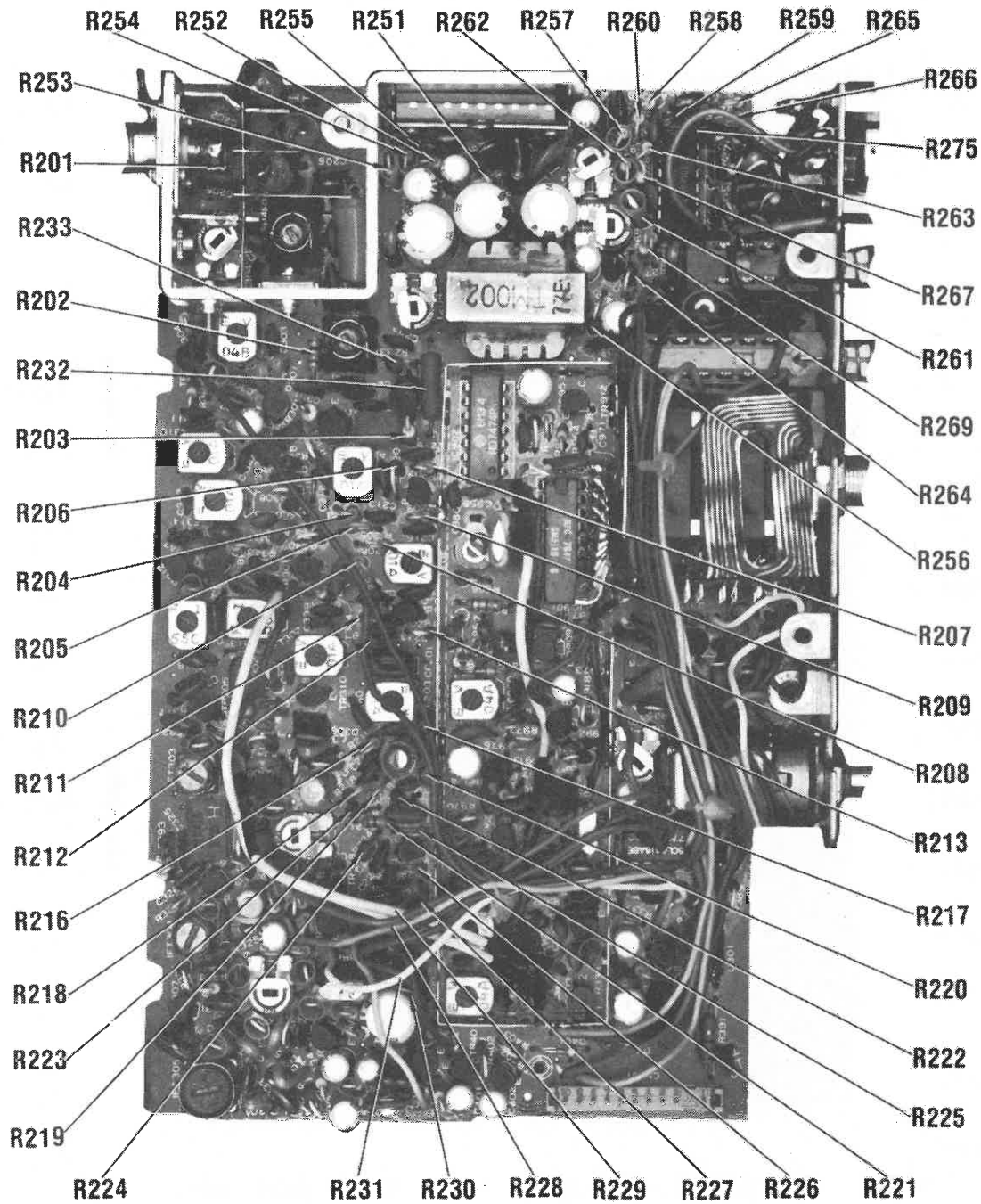
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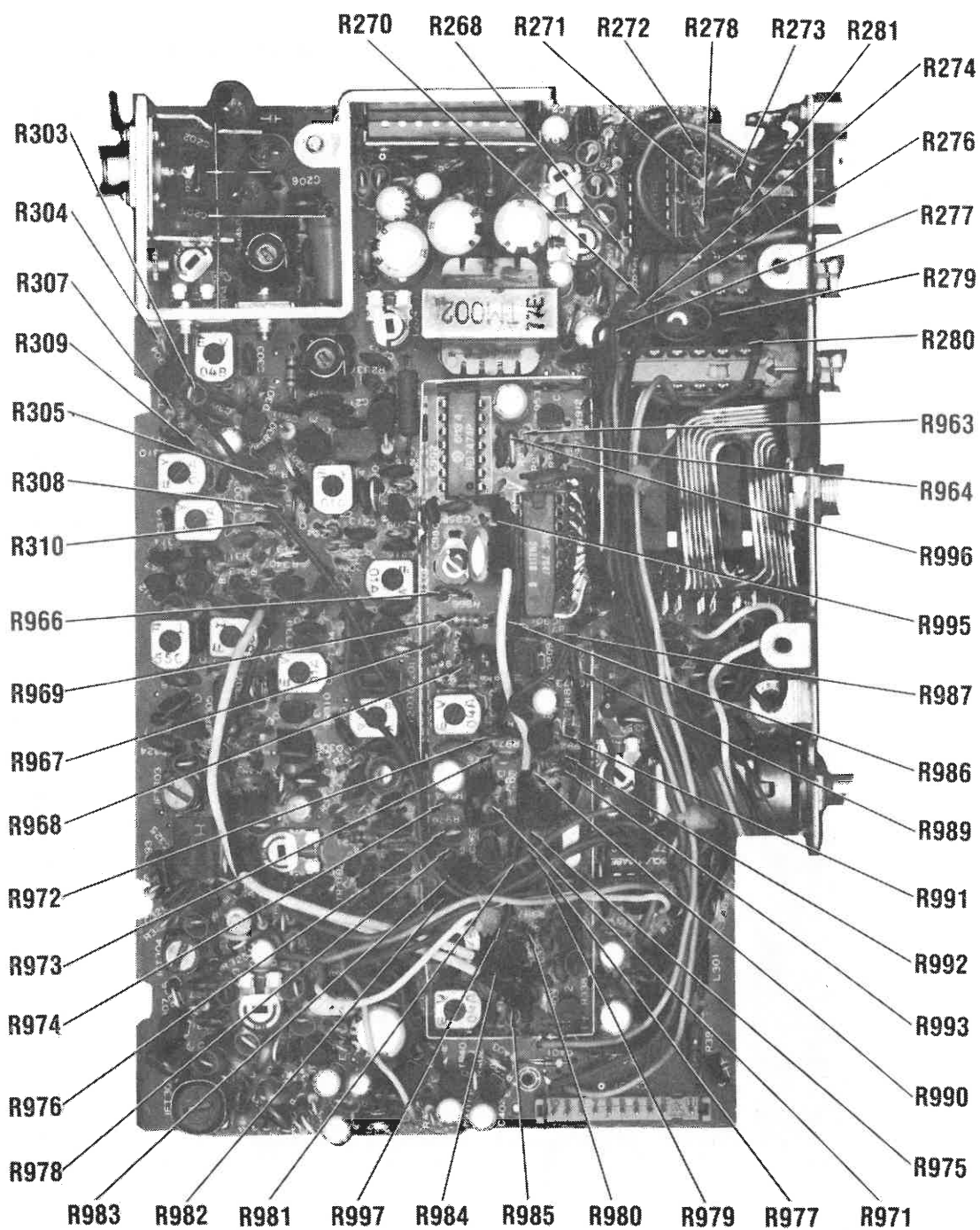
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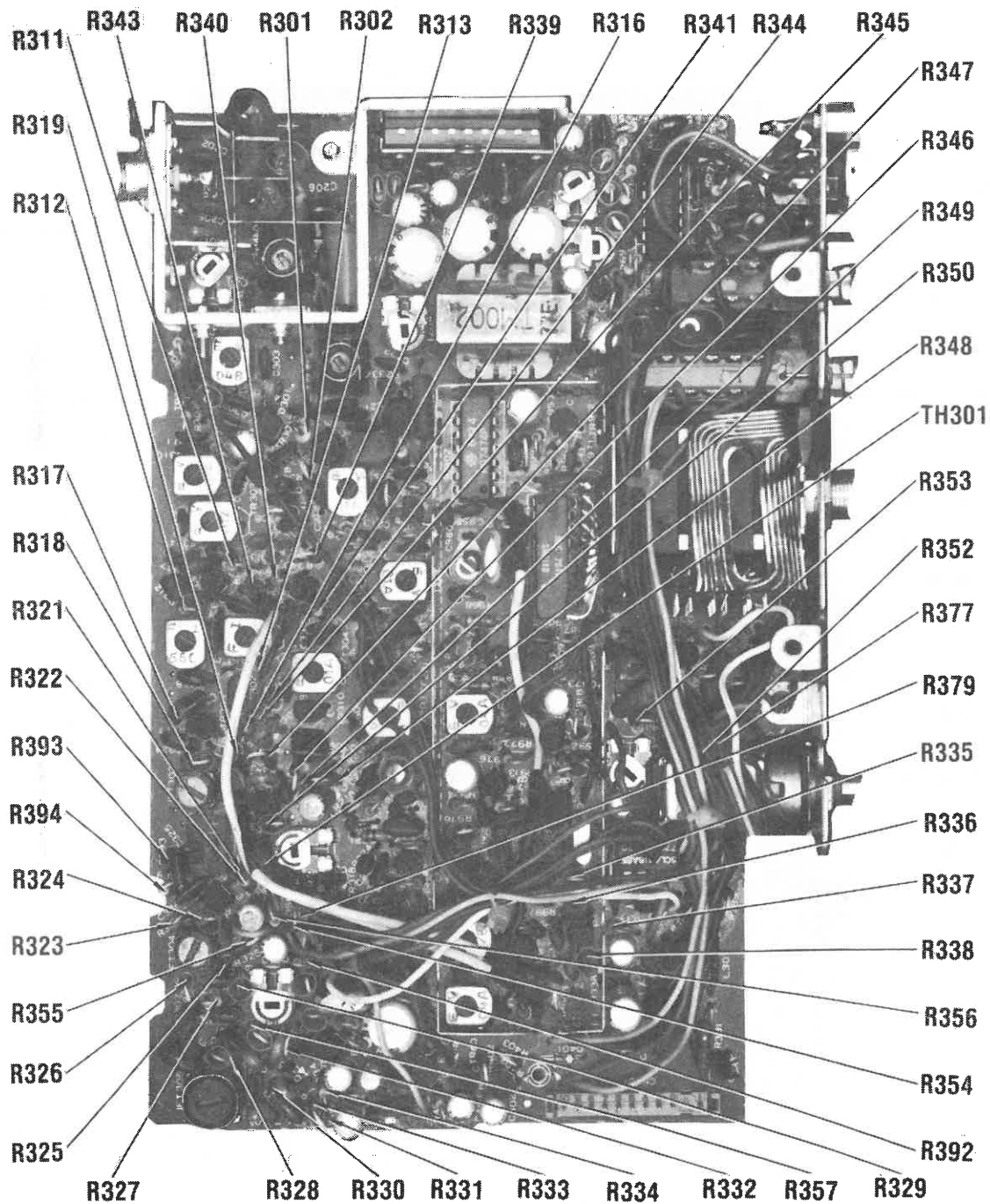
CB BOARD



CB BOARD

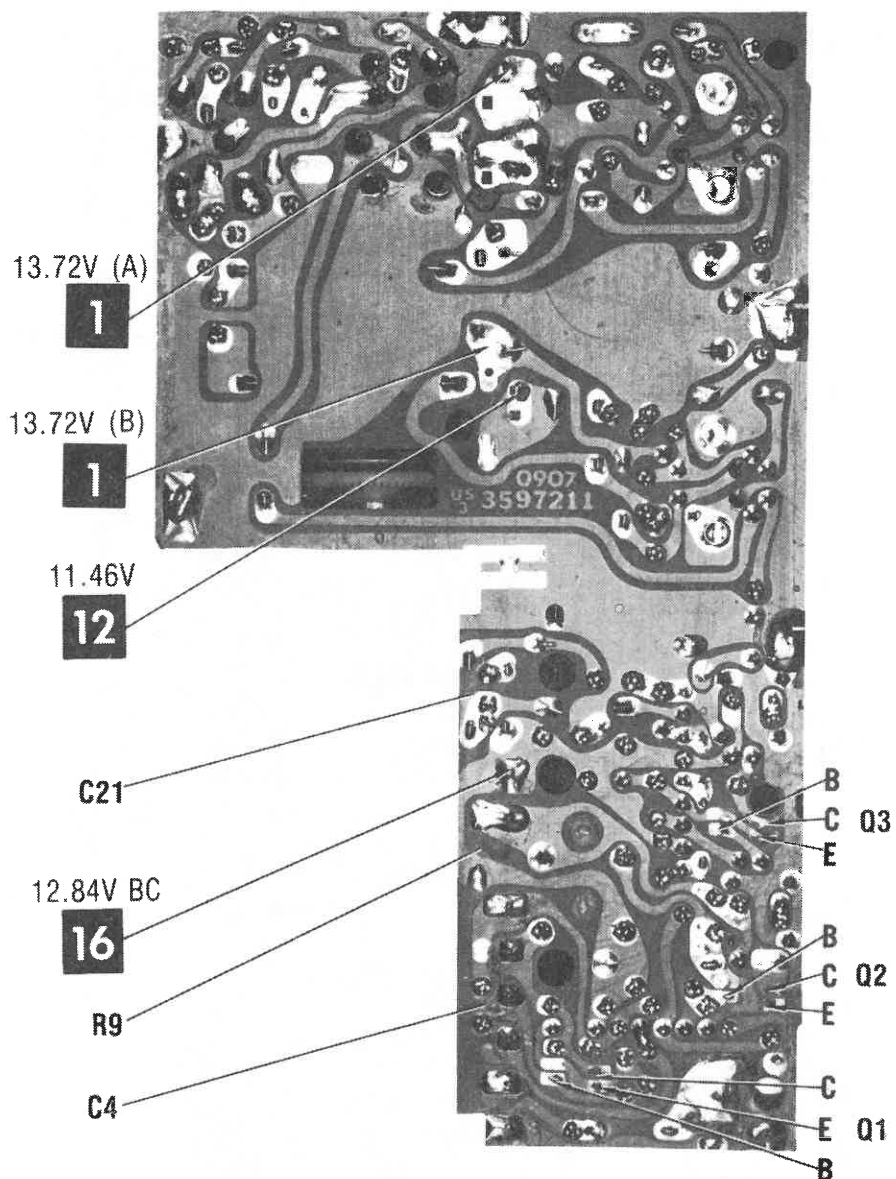


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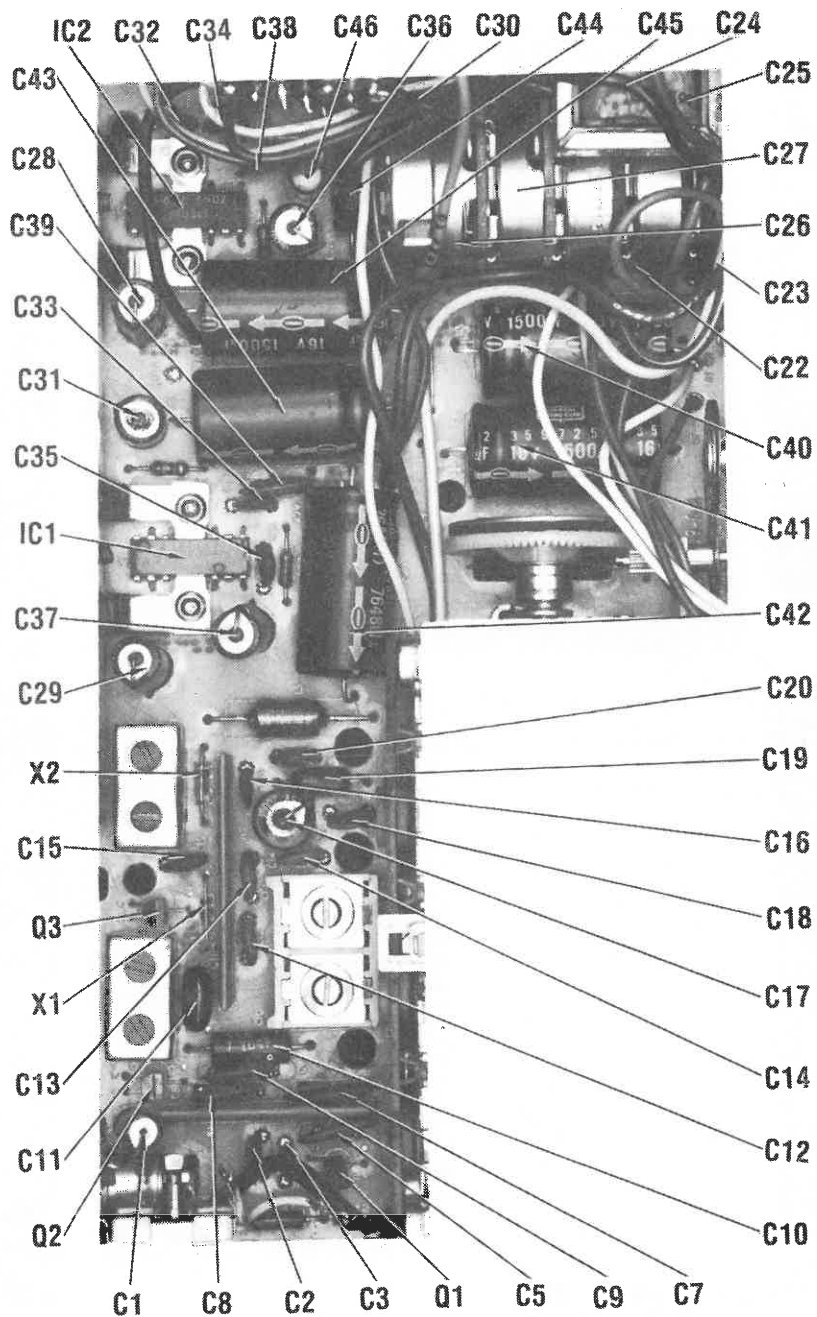


CHRYSLER MODELS 4048076/8077

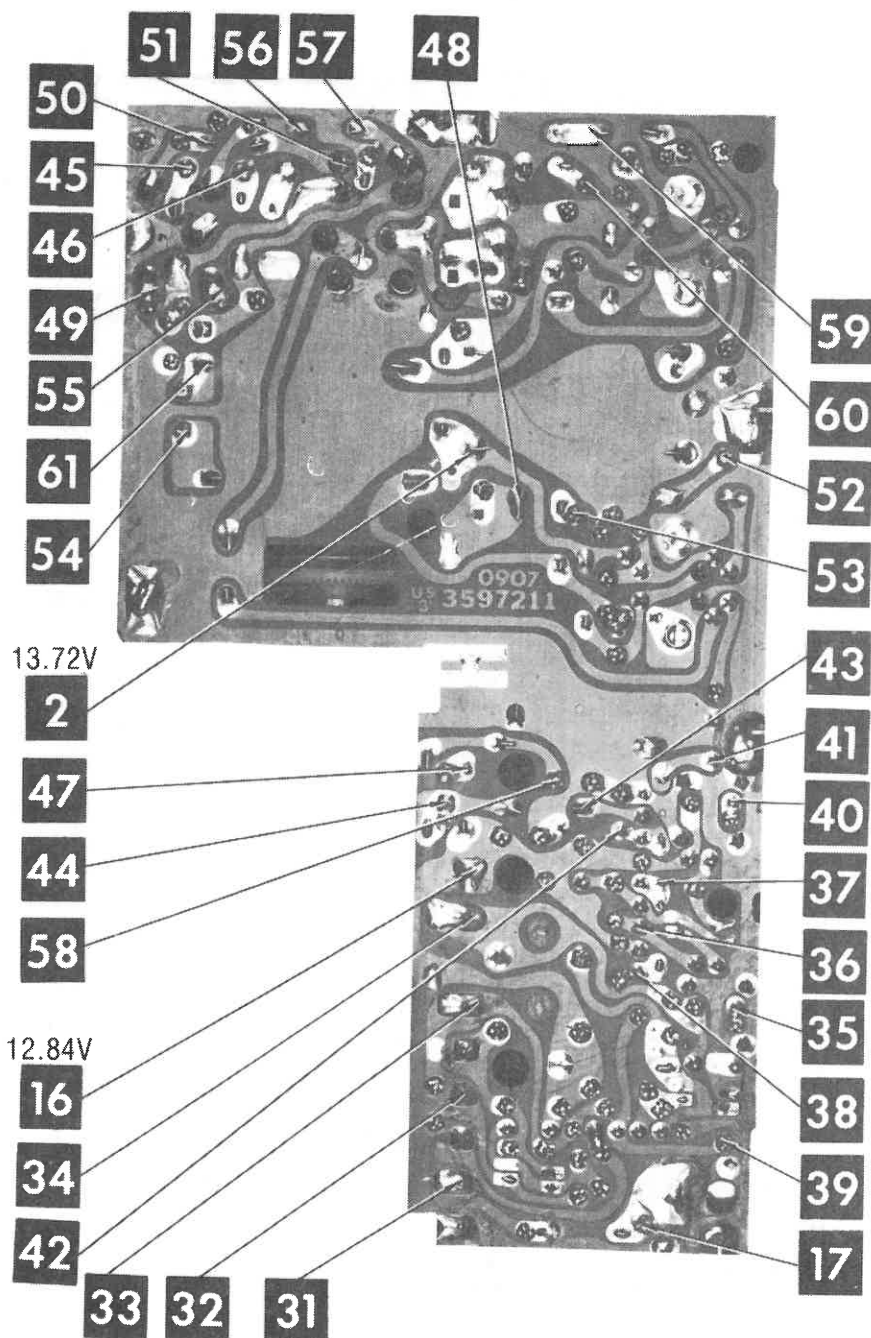
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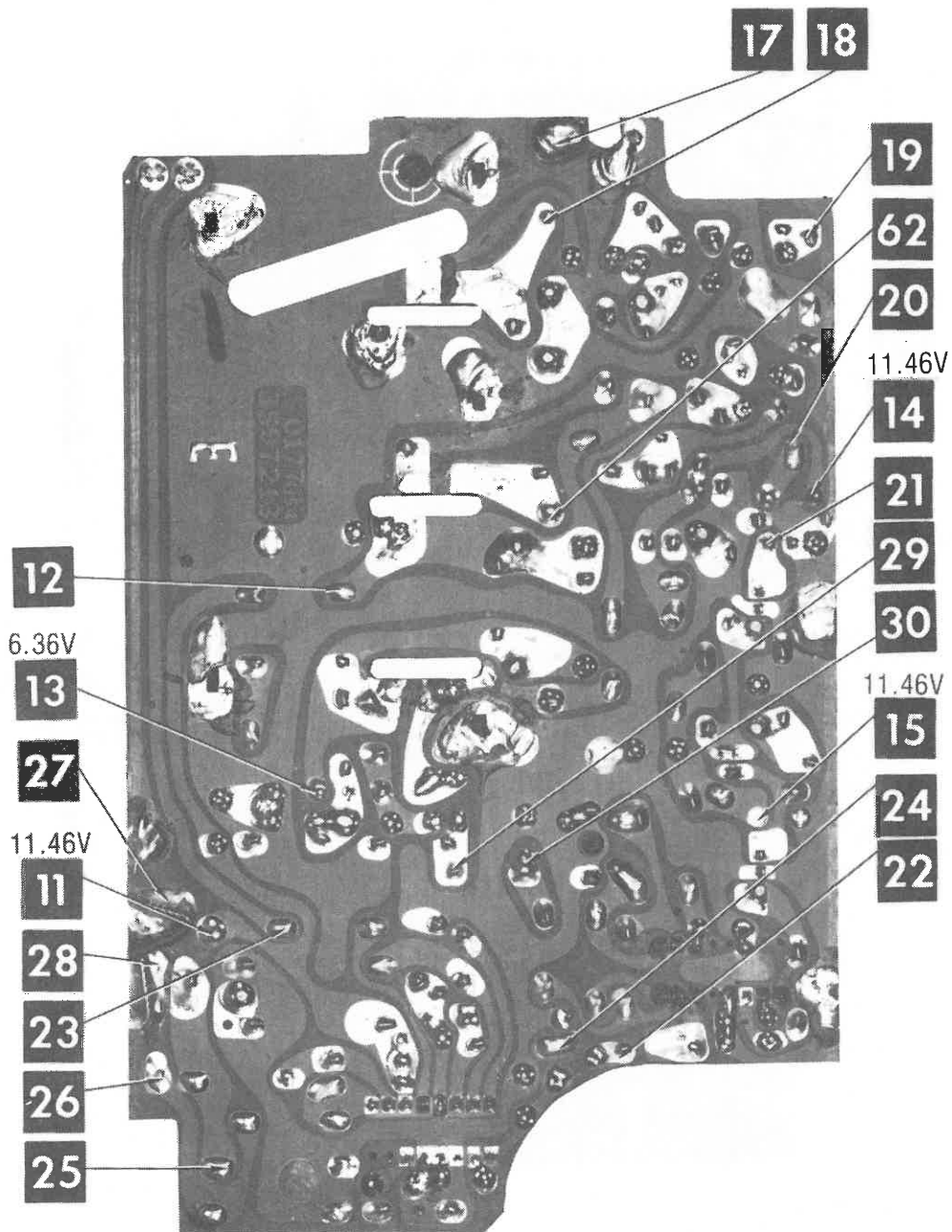
AM-AUDIO BOARD



AM-AUDIO BOARD

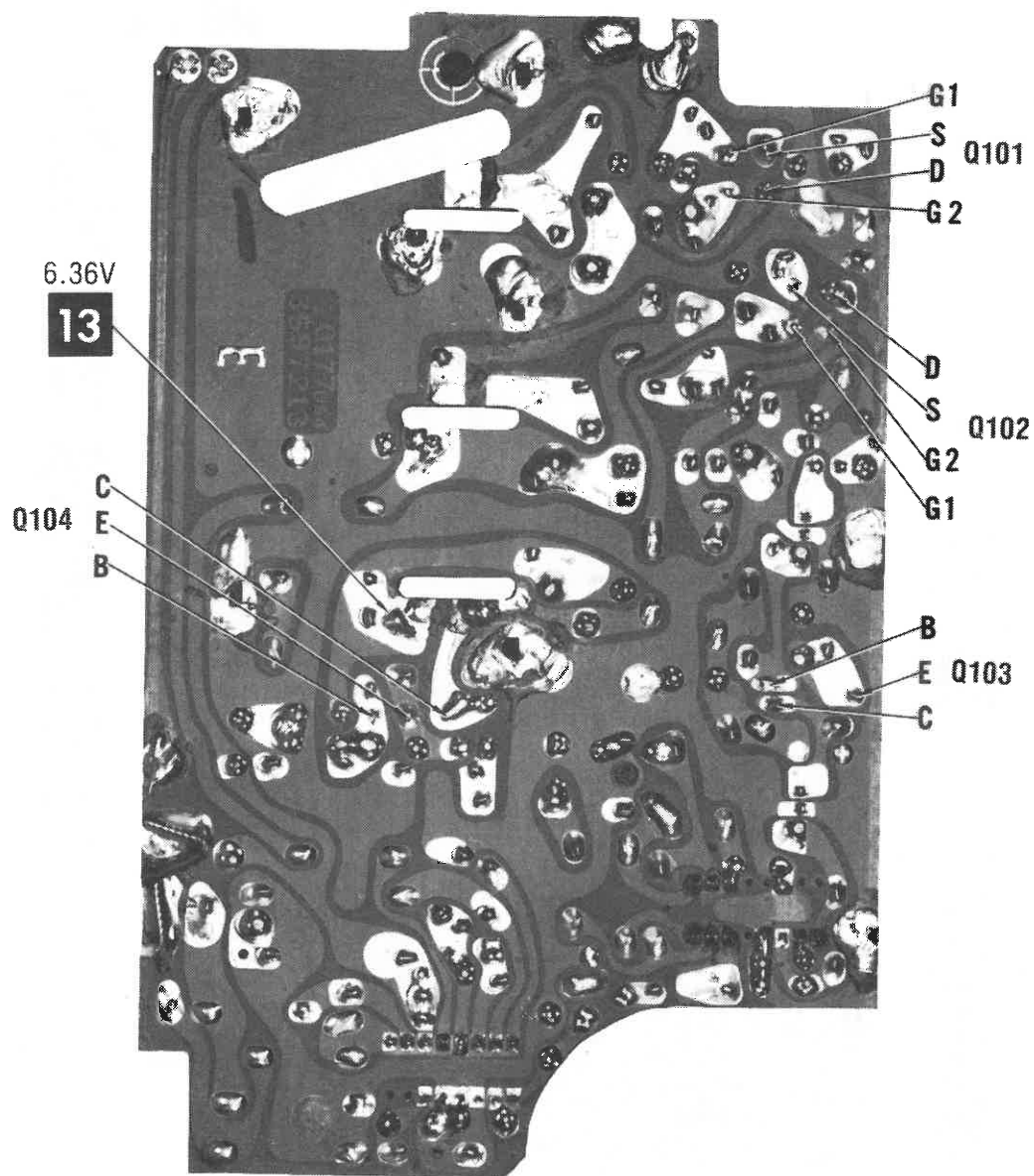


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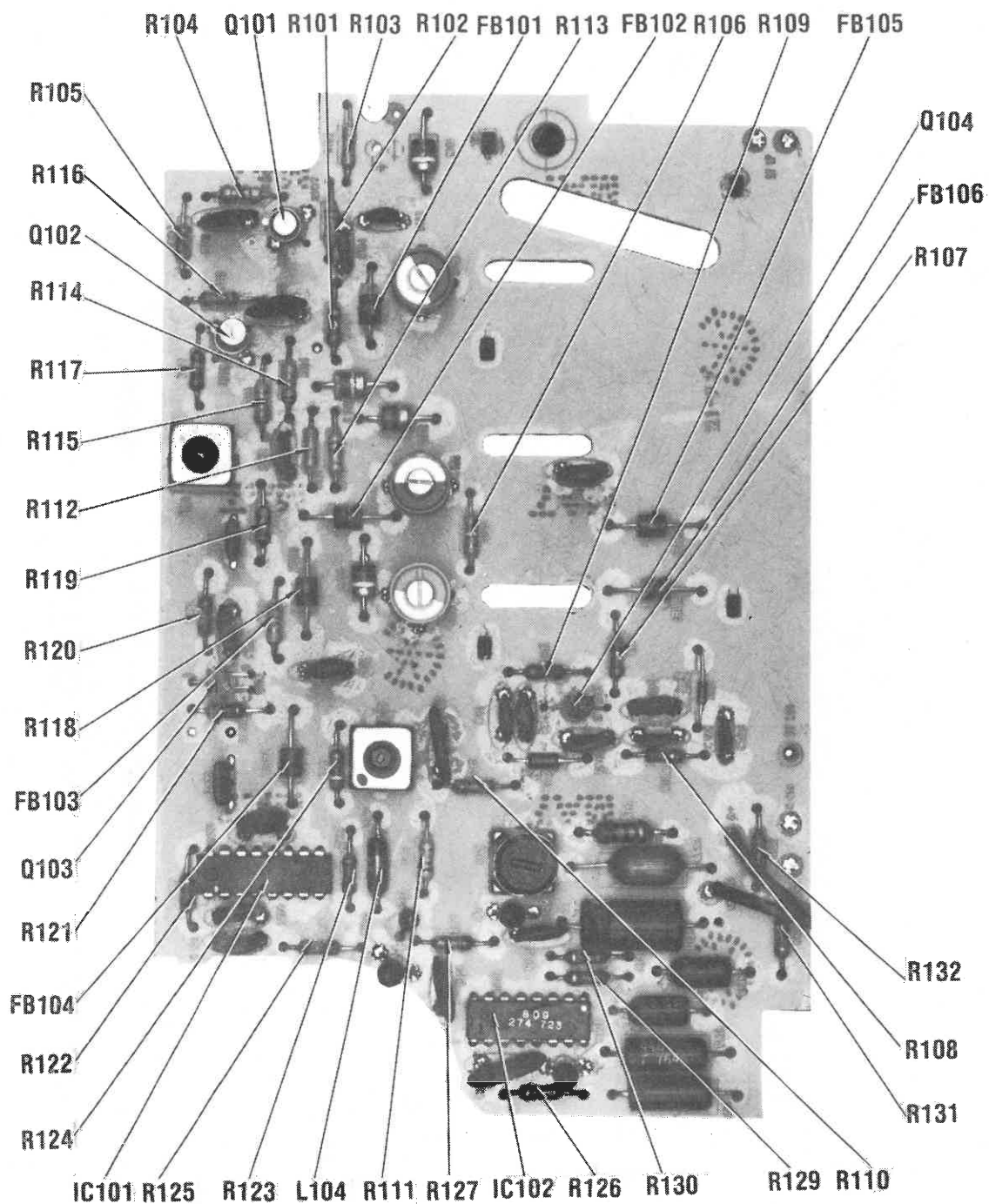


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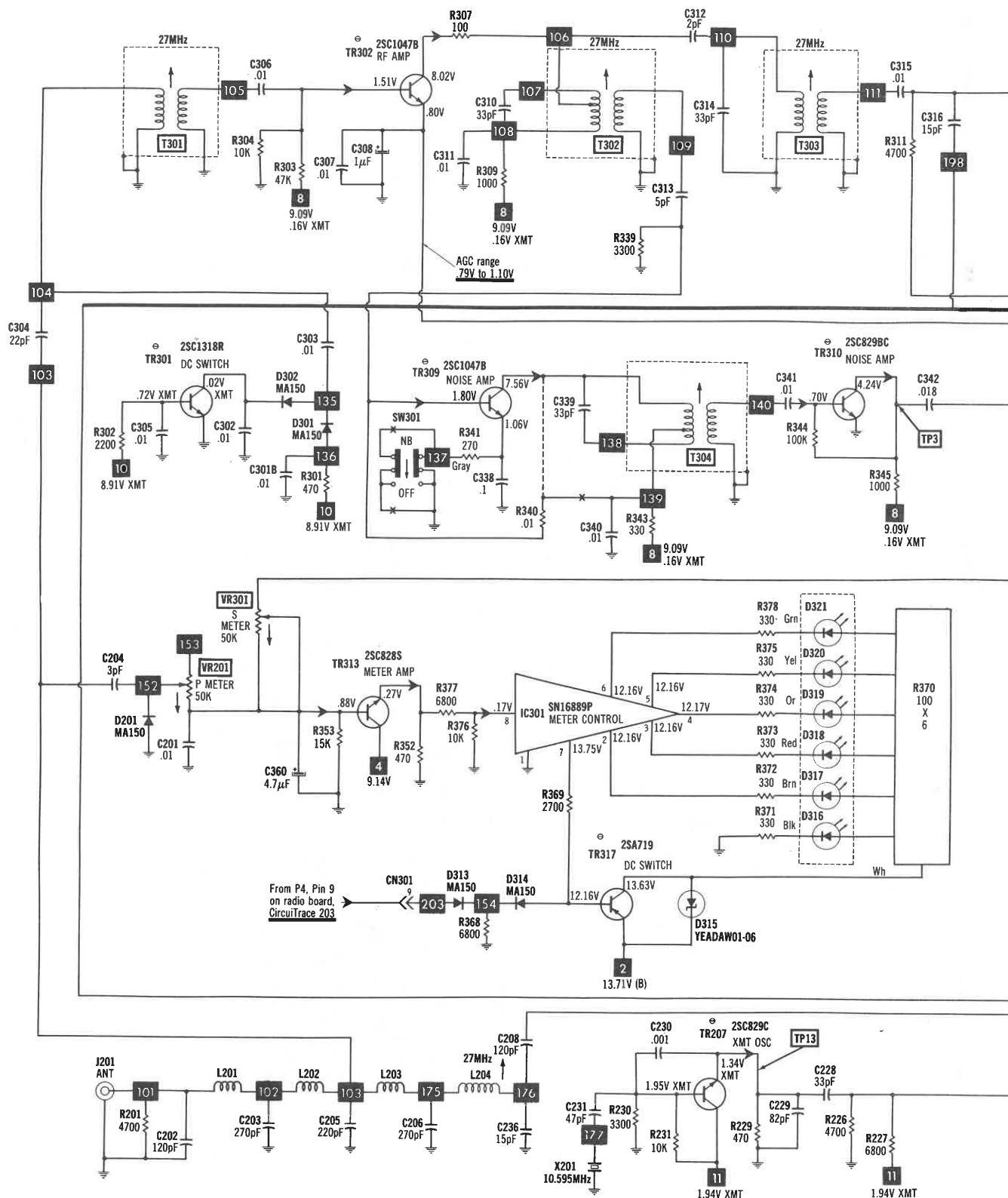
FM BOARD



FM BOARD



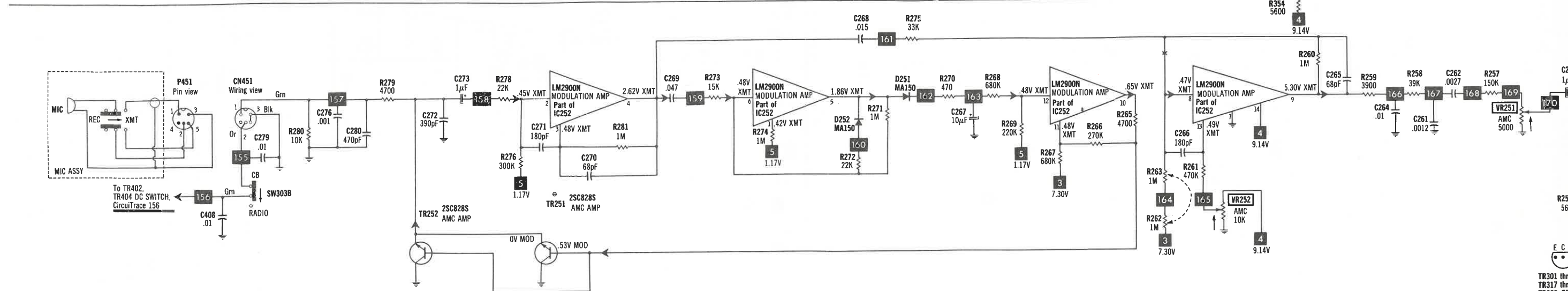
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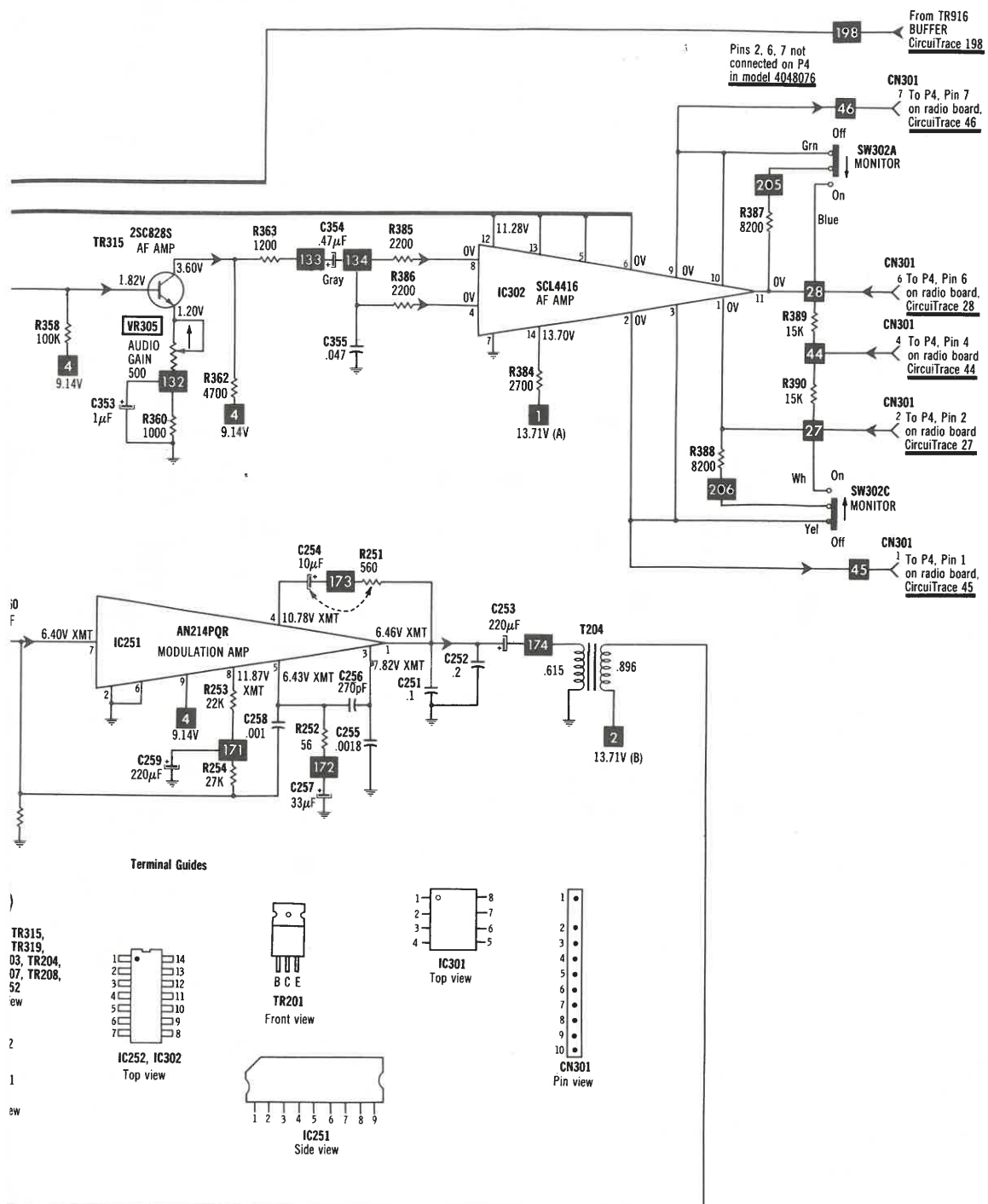


A PHOTOFAC STANDARD NOTATION SCHEMATIC
WITH **CircuTracer**
© Howard W. Sams & Co., Inc. 1978

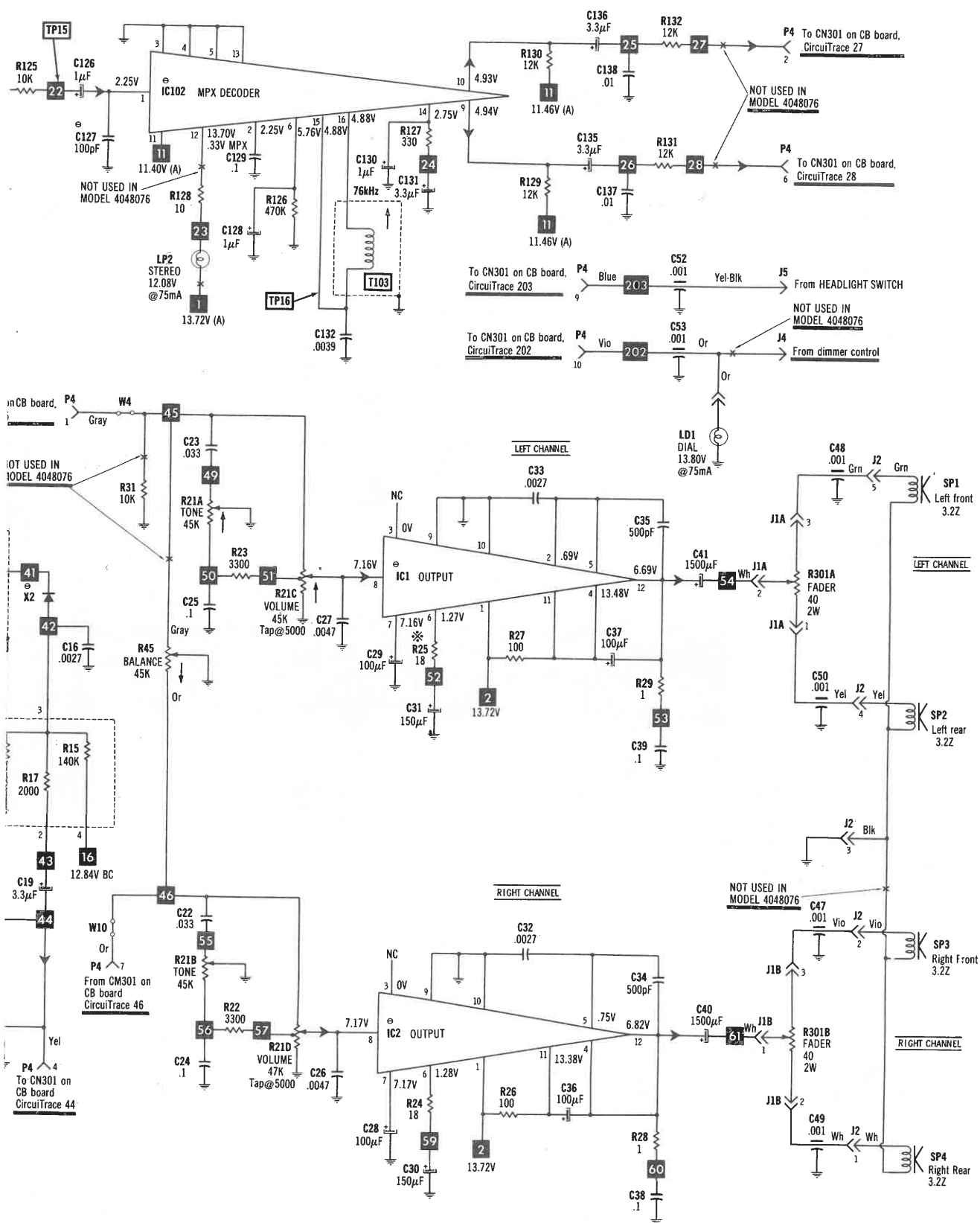
- ✕ Circuitry not used in some versions
- Circuitry used in some versions
- ⊕ See parts list
- ⊛ Nominal value
- ⊥ Ground
- ⊞ Chassis
- ⊕ Common tie point
- Signal path
- ⊞ Voltage path

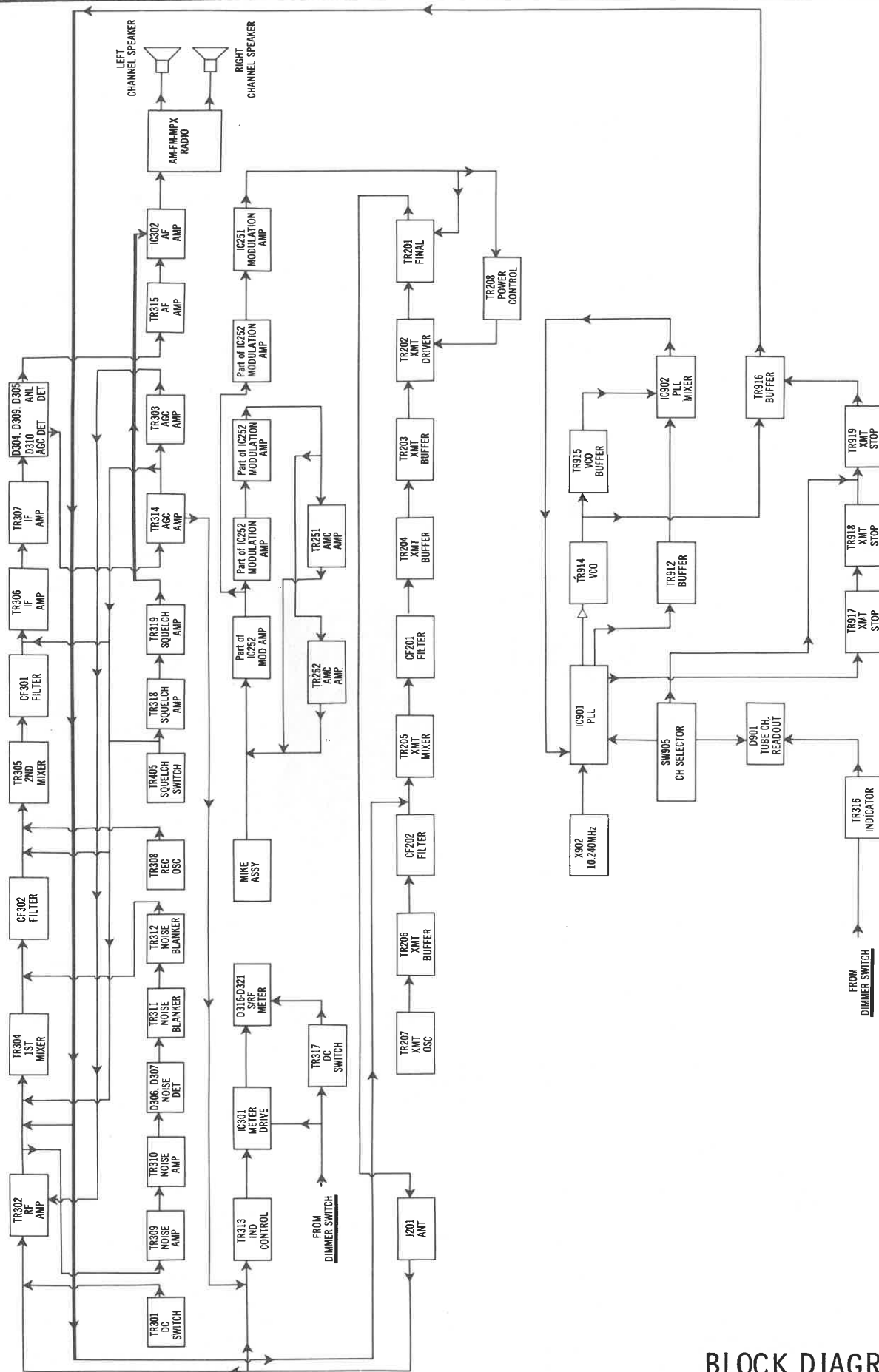
Measurements made in Channel 1 with switching as shown unless noted.
Item numbers in rectangles appear in the alignment/adjustment instructions.
Supply voltage maintained as shown at input. Voltages measured with digital meter, no signal. Controls adjusted for normal operation. Arrow at control indicates 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.



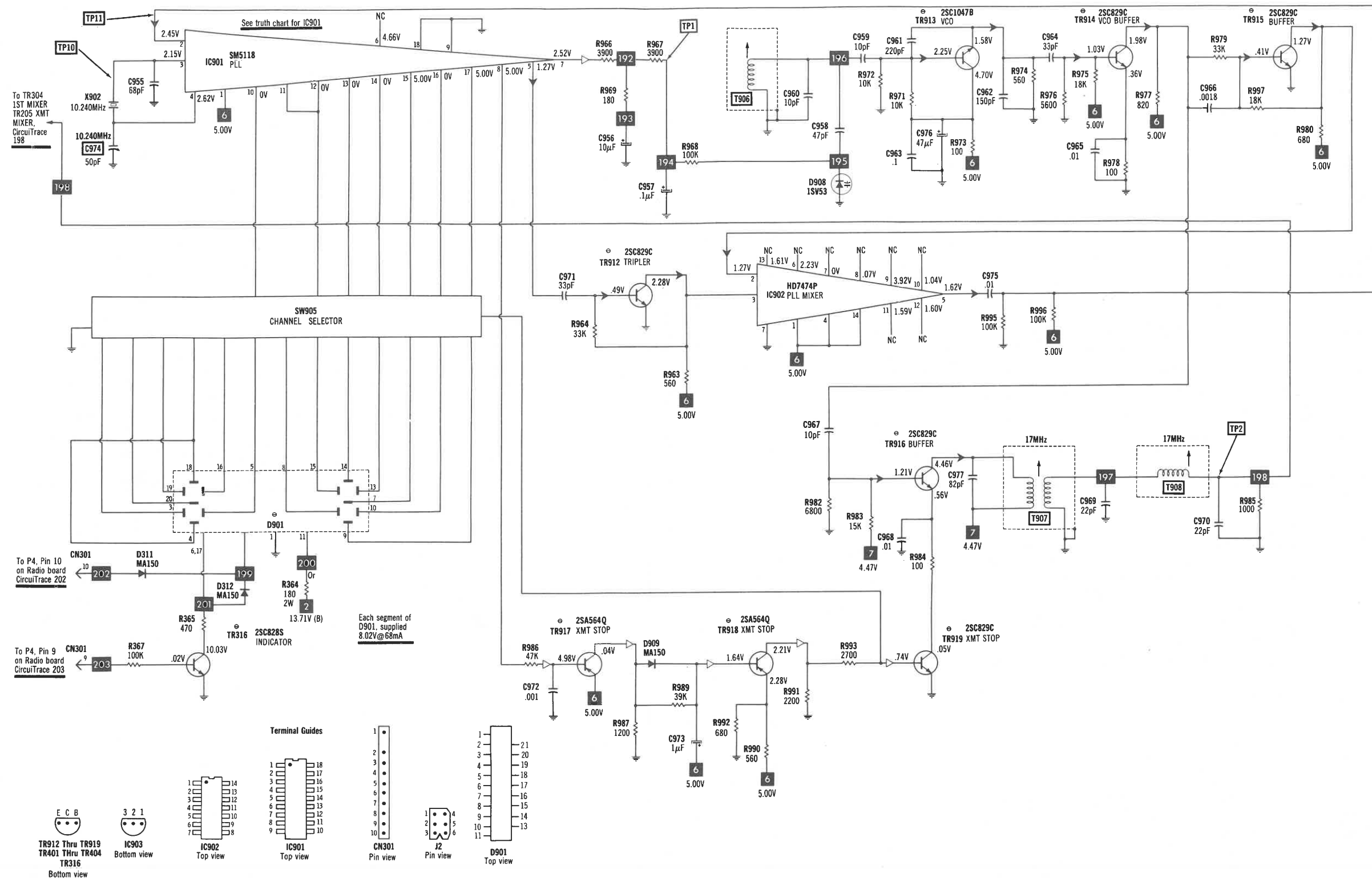








CHRYSLER MODELS 4048076/8077



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

ITEM No.	TYPE No.	MFG. 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.
D201	MA150	YEAADW01-06	GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D202	YEA0030		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	TM116	WEP156	212-76-02
D251	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D252	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D301	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D302	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D303	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D304	OA90		IN60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109	WEP134	103-29001
D305	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D306	OA90		IN60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109	WEP134	103-29001
D307	OA90		IN60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109	WEP134	103-29001
D308	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D309	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D310	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D311	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D312	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D313	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D314	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D315			GEZD-6-2	ZBG-2A	HEP20408	REN 137	SK3058	RT-237	ECG137	TM137/**	WEP1154	103-29008
D322	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D401	MA1100		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D402	MA1100		GEZD-10	ZB108		REN 140	SK3061	RT-241	ECG140A	1N4740A	WEP1110	103-29010
D403	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
D908			GE-90		HEPR2503	REN 614		RT-262	ECG614		WEP200	
D909	MA150		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
IC1			3597049									
			3598173									
IC2			3597049									
			3598173									
IC101			3596810									
IC102			3596809									
IC251	AN214PQR			GEIC-49	PTC757		REN 1058	SK3459	TVCM-74	ECG1058	AN214	WEP937
	AN214			GEIC-49	PTC757		REN 1058	SK3459	TVCM-74	ECG1058	AN214	WEP937
IC252	LM2900N		YEAAML2900N									
IC301	SN16889P		YEAMSN16889									
IC302	SCL4416ABE	YEAOMSCL4416										

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

ITEM No.	TYPE No.	MFRG. 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.
TR302	25C1318PQR		GE-210*	PTC123	HEPS0015*	REN 128	SK3122	RT-302	ECG297	TM297	WEP59*	121-1007
	25C1318		GE-210*	PTC123	HEPS0015*	REN 128	SK3122	RT-302	ECG297	TM297	WEP59*	121-1007
	25C1047B		GE-60*	PTC132*	HEPS0016*	REN 229*	SK3018*	RT-107	ECG229*	TM229*	WEP63*	121-29021
TR303	25C1047BCD		GE-60*	PTC132*	HEPS0016*	REN 229*	SK3018*	RT-107	ECG229*	TM229*	WEP63*	121-29021
	25C1047		GE-60*	PTC132*	HEPS0016*	REN 229*	SK3018*	RT-107	ECG229*	TM229*	WEP63*	121-29021
	25C829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
TR304	25C829BC		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
TR305	25C829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829BC		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
TR306	25C829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829BC		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
TR307	25C829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829BC		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
TR308	25C829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829BC		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
TR309	25C1047B		GE-60*	PTC132*	HEPS0016*	REN 229*	SK3018*	RT-107	ECG229*	TM229*	WEP63*	121-29021
	25C1047BCD		GE-60*	PTC132*	HEPS0016*	REN 229*	SK3018*	RT-107	ECG229*	TM229*	WEP63*	121-29021
	25C1047		GE-60*	PTC132*	HEPS0016*	REN 229*	SK3018*	RT-107	ECG229*	TM229*	WEP63*	121-29021
TR310	25C829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829BC		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
	25C829		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-29021*
TR311												

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.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
TR916	2SC829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-Z9021*
	2SC829BC		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-Z9021*
	2SC829		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-Z9021*
TR917	2SA564Q		GE-65	PTC103*	HEPS0019*	REN 234	SK3114	RT-303	ECG234	TM234	WEP564	121-879
	2SA564PQR		GE-65	PTC103*	HEPS0019*	REN 234	SK3114	RT-303	ECG234	TM234	WEP564	121-879
	2SA564		GE-65	PTC103*	HEPS0019*	REN 234	SK3114	RT-303	ECG234	TM234	WEP564	121-879
TR918	2SA564Q		GE-65	PTC103*	HEPS0019*	REN 234	SK3114	RT-303	ECG234	TM234	WEP564	121-879
	2SA564PQR		GE-65	PTC103*	HEPS0019*	REN 234	SK3114	RT-303	ECG234	TM234	WEP564	121-879
	2SA564		GE-65	PTC103*	HEPS0019*	REN 234	SK3114	RT-303	ECG234	TM234	WEP564	121-879
TR919	2SC829C		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-Z9021*
	2SC829BC		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-Z9021*
	2SC829		GE-20*	PTC139*	HEPS0015*	REN 123A	SK3444	RT-308	ECG229*	TM229*/**	WEP829	121-Z9021*
X1		3596061	GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177	TM177	WEP1062	103-131
X2		3596062	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109	WEP134	103-Z9001
X101		3596398	GEZD-6.8	ZB6.8A	HEPZ0409	REN 5071	SK3334	RT-238	ECG5071	TM5071/**	WEP1106	
X102		3596435	GE-90		HEPR2503	REN 614		RT-262	ECG614		WEP200	

* Lead configuration may vary from original.
/** Also available as exact type replacement.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFRG. PART No.	CORNELL- DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C1	50 5V	3596823	WBR50-25	TT6X50A	QE1-351	TVA-1100
C17	200 16V	3597249	WBR250-16	TT15X200A	QE1-479	TVA-1160,6
C19	3.3 16V	3596255		TAC335K015P03	QDT1-41	SD15-3R39
C28	100 16V	3597043(1)	PC100-16	VTT100F16	QV1-95	EV-1230
C29	100 16V	3597043	PC100-16	VTT100F16	QV1-95	EV-1230
C30	150 8V	3597251(1)	NLW150-10	TT12X150A	QV1-103	EV-1135
C31	150 8V	3597250	NLW150-10	TT12X150A	QE1-457	TVA1180
C36	100 16V	3597043	PC100-16	VTT100F16	QV1-95	EV-1230
C37	100 16V	3597043	PC100-16	VTT100F16	QV1-95	EV-1230
C40	1500 16V	3597252(1)		TT15X1500A	QE1-609	TVA1175,2
C41	1500 16V	3597252		TT15X1500A	QE1-609	TVA1175,2
C42	1500 16V	3597252		TT15X1500A	QE1-609	TVA1175,2
C43	1500 16V	3597252		TT15X1500A	QE1-609	TVA1175,2
C45	1500 16V	3597252		TT15X1500A	QE1-609	TVA1175,2
C126	1 25V	3596256(1)		TDC105M035EL		SD35-19
C128	1 25V	3596256(1)		TDC105M035EL		SD35-19
C130	1 25V	3596256(1)		TDC105M035EL		SD35-19
C131	3.3 16V	3597231(1)	WBR100-16	TDC335M015FL	QDT1-41	SD15-3R39
C134	100 16V	3597248(1)		TT15X100A	QE1-423	TVA-1160
C135	3.3 15V	3596255(1)		TAC335K015P03	QDT1-41	SD15-3R39
C136	3.3 15V	3596255(1)		TAC335K015P03	QDT1-41	SD15-3R39
C233	220 16V	ECEA16V220L	PC250-25	VTT220H16	QV1-117	EV-1240
C253	220 16V	ECEA16V220L	PC250-25	VTT220H16	QV1-117	EV-1240
C254	10 16V	ECEA16V10L	PC10-25	VTT10B25	QV1-41	EV-1222
C257	33 10V	ECEA10V33L	PC30-25	VTT33B10	QV1-61	EV-1125
C259	220 16V	ECEA16V220L	PC250-25	VTT220H16	QV1-117	EV-1240
C260	1 50V	ECEA50V1L	PC1-50	VTT1A50	QV1-11	EV-1615
C263	10 16V	ECEA16V10L	PC10-25	VTT10B25	QV1-41	EV-1222
C267	10 10V	ECSZ10EF10Q		TDC106M025FL	QDT1-64	SD25-109
C273	1 50V	ECEA50V1L	PC1-50	VTT1A50	QV1-11	EV-1615
C274	33 10V	ECEA10V33L	PC30-25	VTT33B10	QV1-61	EV-1125
C275	10 10V	ECSZ10EF10Q		TDC106M025FL	QDT1-64	SD25-109
C308	1 50V	ECEA50V1L	PC1-50	VTT1A50	QV1-11	EV-1615
C329	1 50V	ECEA50V1L	PC1-50	VTT1A50	QV1-11	EV-1615
C350	10 16V	ECEA16V10L	PC10-25	VTT10B25	QV1-41	EV-1222
C353	1 50V	ECEA50V1L	PC1-50	VTT1A50	QV1-11	EV-1615
C354	.47 50V	ECEA50MR47	PC1-50	VTTA47A63	QV1-3	EV-1610
C356	10 16V	ECEA16V10L	PC10-25	VTT10B25	QV1-41	EV-1222
C360	4.7 25V	ECEA25V47L	PC5-50	VTT47R7B50	QV1-27	EV-1319
C401	10 16V	ECEA16V10L	PC10-25	VTT10B25	QV1-41	EV-1222
C402	10 16V	ECEA16V10L	PC10-25	VTT10B25	QV1-41	EV-1222
C403	100 16V	ECEA16V100L	PC100-16	VTT100F16	QV1-95	EV-1230
C405	33 16V	ECEA16V33L	PC30-25	VTT33D25	QV1-63	EV-1325
C407	10 16V	ECEA16V10L	PC10-25	VTT10B25	QV1-41	EV-1222
C953	47 10V	ECEA10V47L	PC50-16	VTT47D16	QV1-73	EV-1226
C956	10 10V	ECSZ10EF10Q		TDC106M025FL	QDT1-64	SD25-109
C957	1 35V	ECSZ35EF10Q		TDC104M050EL	QDT1-2	SD50-109
C973	1 50V	ECEA50V1L	PC1-50	VTT1A50	QV1-11	EV-1615
C976	47 10V	ECEA10V47L	PC50-16	VTT47D16	QV1-73	EV-1226

(1) Not used in model 4048076.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

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
C2	.0047 16V		DD-472	GP4700	GP247		5GA-D47
C3	.0027 16V				GP227		10TS-D27
C4	100 NPO 100V		DTZ-100	NP0100	CN0310		10TCC-T10
C5	130 N22u 10% 100V	3597296			*		10TCR-T12
C6A	150	3597232					
C6B	75	3597232					
C7	220 N470 10%	3596237			*		10TCT-T22
C8	.01 10% 16V		UK16-103		MAG1611		HY-420
C9	.01 10% 16V		UK16-103		MAG1611		HY-420
C10	.01 10%	(2)		WMF1S1	EWFA1A110	QFT2-91	1FT-S10
C11	390 5%	(2)		CD15FD391J03	SX339	QW1-41	MMA-391
C11A	130	(3)		CD15FD131J03	SX313	QW1-30	MMA-131
C12	240	(3)					
C13	.047 16V		UK16-503		MAG1615		HY-635
C14	.047 16V		UK16-503		MAG1615		HY-635
C15	150		DD-151		MAG1615		HY-635
C16	.0027 16V				GP315		10TS-T15
C18	.047 16V		UK16-503		GP227		10TS-D27
C20	.001 16V		DD-102G	GP1000	MAG1615	QC2-81	HY-635
C21	.0039 50V			DPMS6D39	GP210	QFT2-51	56A-D10
C22	.033 16V		UK16-333		M192P3929R8		1FT-D39
C23	.033 16V		UK16-333		MAG16133		HY-630
C24	.1 12V		UK12-104		MAG16133		HY-630
C25	.1 12V		UK12-104		MAG1201		HY-360
C26	.0047	(1)		WMF1D47	M192P4729R8	QFT2-63	1FT-D47
C27	.0047	(1)		WMF1D47	M192P4729R8	QFT2-63	1FT-D47
C32	.0027 16V	(1)			GP227		10TS-D27
C33	.0027 16V	(1)			GP227		10TS-D27
C34	500	(1)	DD-501	GP500	GP350		10TS-T50
C35	500	(1)	DD-501	GP500	GP350		10TS-T50
C38	.1 16V	(1)	UK16-104		MAG1601		HY-650
C39	.1 16V	(1)	UK16-104		MAG1601		HY-650
C44	.068 50V			WMF1S68	EWFA1A168	QF1-195	1PB-S68
C46	.047 100V			DPMS2S47	EWFA1A147	QFT2-171	1FT-S47
C47	.001	3598133 (1)					
C48	.001	3598133					
C49	.001	3598133 (1)					
C50	.001	3598133					
C51	.001	3598133					
C52	.001	3598133					
C53	.001	3598133					
C101	1.8 10%	3596840 (1)					
C102	6-25	3596539 (1)					
C103	.001 16V	(1)	DD-102G	GP1000	GP210	QC2-81	56A-D10
C104	.0047 16V	(1)	DD-472	GP4700	GP247		56A-D47
C105	.001 16V	(1)	DD-102G	GP1000	GP210	QC2-81	56A-D10
C106	.0047	(1)	DD-472	GP4700	GP247		56A-D47
C107	.047 16V	(1)	UK16-503		MAG1615		HY-635
C108	6-25	3596539 (1)					
C109	8.2 10%	3596843 (1)					
C110	4.7 10%	(1)	DTZ-4R7	NP04P7	GP580		10TCC-V82
C111	.047 16V	(1)	UK16-503		CN0547		10TCC-V47
C112	.0047 16V	(1)	DD-472	GP4700	MAG1615		HY-635
C113	25 NPO 10%	(1)	DTZ-25	NP025	GP247		56A-D47
C114	4.7 ±.5 N750 16V	(1)			CN0425		10TCC-Q25
C115	3-15	3597108 (1)			CN7547		10TCU-V47
C116	2.7 ±.5 N330 16V	3596415 (1)					
C117	2.7 10%	3596841 (1)					
C118	.1 12V	(1)	UK12-104		MAG1201		10TCC-V27
C119	.0047	(1)	DD-472	GP4700	GP247		HY-360
C120	.047 16V	(1)	UK16-503		MAG1615		56A-D47
C121	.047 16V	(1)	UK16-503		MAG1615		HY-635
C122	.047 16V	(1)	UK16-503		MAG1615		HY-635
C123	.047 16V	(1)	UK16-503		MAG1615		HY-635
C124	.047 16V	(1)	UK16-503		MAG1615		HY-635
C125	.047 16V	(1)	UK16-503		MAG1615		HY-635
C127	100 NPO 100V	(1)	DTZ-100	NP0100	CN0310		10TCC-T10
C129	.1 12V	(1)	UK12-104		MAG1201		HY-360
C132	.0039 5%	(1)		CD19FD392J03	SX239		MMA-392
C133	.047 16V	(1)	UK16-503		MAG1615		HY-635
C137	.01 10% 50V	(1)		WMF1S1	EWFA1A147	QFT2-91	1FT-S10
C138	.01 10% 50V	(1)		WMF1S1	EWFA1A147	QFT2-91	1FT-S10
C201	.01		UK50-103		MAG5011		10TCC-T12
C202	120 10%		DTZ-120		CN0312		10TCC-T27
C203	270 5%		DTZ-270				10TCC-V33
C204	3		DD-221	NP03P3	CN0533		10TS-T22
C205	220 10%		DTZ-3R3		GP322		10TCC-T27
C206	270 5%		DD-221				
C207	.01		DTZ-270				
C208	120 10%		UK50-103		MAG5011		
C209	68 NPO 10%		DTZ-120		CN0312		10TCC-T12
C210	.01		DTZ-68	NP068	CN0468		10TCC-Q68
C211	33 NPO 10%		UK50-103		MAG5011		
C212	470		DTZ-33	NP033	CN0433		10TCC-Q33
C213	.01		DD-471	GP470	GP347		10TS-T47
C214	33 N150 5%	YECCD1H330JP	UK50-103		MAG5011		
C215	.01		UK50-103		*		10TCP-Q33
C216	.01		UK50-103		MAG5011		
C217	.01		UK50-103		MAG5011		

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
C218	33 N150 5%	YECCD1H330JP			*		10TCP-Q33
C219	.01		UK50-103		MAG5011		
C220	.01		UK50-103		MAG5011		
C221	.01		UK50-103		MAG5011		
C222	33 N150	YECCD1H330JP			*		10TCP-Q33
C223	.01		UK50-103		MAG5011		
C224	10		DTZ-10	NP010	CN0410		10TCC-Q10
C225	47		DTZ-47	NP047	CN0447		10TCC-Q47
C226	.01		UK50-103		MAG5011		
C227	.01		UK50-103		MAG5011		
C228	33		DTZ-33	NP033	CN0433		10TCC-Q33
C229	82		DD-820		GP482		10TS-Q82
C230	.001 10% 50V		DTZ-47	DPMS6D1	EWFA1210	QFT2-1	1FT-D10
C231	47		UK50-103	NP047	CN0447		10TCC-Q47
C232	.01		DTZ-15	NP015	MAG5011		
C236	15		UK50-103	WMF1S1	CN0415	QFT2-91	10TCC-Q15
C237	.01 50V				EWFA1110		1FT-S10
C239	.01		UK50-103		MAG5011		
C251	.1 50V		UK16-204	WMF05P1	EWFO5010	QFT2-215	1FT-P10
C252	.2 12V						HY-470
C255	.0018 10% 50V			DPMS6D2	PVC622		6PS-D20
C256	270 5%		DTZ-270				10TCC-T27
C258	.001 10% 50V			DPMS6D1	EWFA1210	QFT2-1	1FT-D10
C261	.0012 10% 50V			DPMS6D1 2	PVC6212		6PS-D12
C262	.0027 10% 50V				M192P2729R8		192P2729R8
C264	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C265	68		DD-680	GP68	GP468		10TS-Q68
C266	180 10%		DD-181		GP318		10TS-T18
C268	.015 50V			WMF1S15	M192P1539R8	QFT2-105	1FT-S15
C269	.047 50V			DPMS2S47	EWFA1147	QFT2-171	1FT-S47
C270	68		DD-680	GP68	GP468		10TS-Q68
C271	180 10%		DD-181		GP318		10TS-T18
C272	390 10%		DD-391	GP390	GP339		10TS-T39
C276	.001 10% 50V			DPMS6D1	EWFA1247	QFT2-1	1FT-D10
C277	.01		UK50-103		MAG5011		
C278	.01		UK50-103		MAG5011		
C279	.01		UK50-103		MAG5011		
C280	470		DD-471	GP470	GP347		10TS-T47
C301A		3598022 3596033 (4)					
C301B	.01		UK50-103		MAG5011		
C302	.01		UK50-103		MAG5011		
C303	.01		UK50-103		MAG5011		
C304	22 NPO		DTZ-22	NP022	CN0422		10TCC-Q22
C305	.01		UK50-103		MAG5011		
C306	.01		UK50-103		MAG5011		
C307	.01 50V		UK50-103	WMF1S1	EWFA1110	QFT2-91	1FT-S10
C309	.01		DTZ-33	NP033	CN0433		10TCC-Q33
C310	33 NPO 10%		UK50-103		MAG5011		
C311	.01		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C312	2 NPO		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C313	5		DTZ-33	NP033	CN0433		10TCC-Q33
C314	33 NPO 10%		DTZ-15	WMF1S1	EWFA1110	QFT2-91	1FT-S10
C315	.01 50V			NP015	CN0415		10TCC-Q15
C316	15			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C317	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C318	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C320	2 NPO		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C322	8	YECCD1H080DM					
C323	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C324	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C325	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C326	.022 50V			DPMS2S22	EWFA1122	QFT2-127	1FT-S22
C327	.01		UK50-103		MAG5011		
C328	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C330	.047 50V			DPMS2S47	EWFA1147	QFT2-171	1FT-S47
C331	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C332	.01 50V			WMF1S1	EWFA1110	QFT2-91	1FT-S10
C333	.022 50V			DPMS2S22	EWFA1122	QFT2-127	1FT-S22
C334	150 10%		DD-151		GP315		10TS-T15
C335	.001 10% 50V			DPMS6D1	EWFA1210	QFT2-1	1FT-D10
C336	68		DD-680	GP68	GP468		10TS-Q68
C337	.01		UK50-103		MAG5011		
C338	.1 12V		UK12-104		MAG1201		HY-360
C339	33		DTZ-33	NP033	CN0433		10TCC-Q33
C340	.01		UK50-103		MAG5011		
C341	.01		UK50-103		MAG5011		
C342	.018 50V				M192P1839R8		192P1839R8
C343	.01		UK50-103		MAG5011		
C345	470		DD-471	GP470	GP347		10TS-T47
C347	.1 12V		UK12-104		MAG1201		HY-360
C348	.01		UK50-103		MAG5011		
C351	.001 10% 50V			DPMS6D1	EWFA1210	QFT2-1	1FT-D10
C352	.0068 10% 50V			WMF1D68	EWFA1168	QFT2-73	1FT-D68
	.01			DPMS6D1	EWFA1210	QFT2-1	1FT-D10

CHRYSLER MODELS 4048076/8077

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
C355	.047 50V	YECCD1H100KT	UK50-103	DPMS2S47	EWF1A147	QFT2-171	1FT-S47
C357	.01						
C358	.01						
C359	.01						
C404	.01						
C406	.01						
C408	.01						
C954	.1 12V						
C955	68						
C958	47						
C959	10 N470	YECCD1H100KT	DD-221	GP68	MAG1201	QFT2-1	HY-360
C960	10 N470						
C961	220 10%						
C962	150 10%						
C963	.1 12V						
C964	33						
C965	.01						
C966	.0018 10% 50V						
C967	10						
C968	.01						
C969	22	ECV1ZW50X32	UK50-103	NP033	MAG5011	QFT2-1	10TS-Q68
C970	22						
C971	33						
C972	.001 10% 50V						
C974	50						
C975	.01						
C977	82						
C978	.01						
C979	470						
C980	470						

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

(1) Not used in model 4048076.

(2) Used with GI Tuner.

(3) Used with SHQJI Tuner.

(4) Used in some versions.

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.
R21	Tone	45K	3598024			
R21	Volume-Power Switch	45K Tap @ 15K	3598223			
R21A	Tone-Left	45K	3598228 (22)			
B	Tone-Right	45K				
C	Volume-Left	45K Tap @ 15K				
D	Volume-Right/Power Switch	45K Tap @ 15K				
R21A	Tone-Left	45K	3598140 (22)			
B	Tone-Right	45K				
C	Volume-Left	45K Tap @ 15K				
D	Volume-Right/Power Switch	45K Tap @ 15K				
R301	Fader	40 2W	3598131		MSD54L	US503L
R301	Fader-L	40 2W	3598132			
R301A	Fader-R	40 2W	3596258 (22)			
B	Fader-L	40 2W				
R301A	Fader-L	40 2W	3596795 (22)			
B	Fader-R	40 2W				
R302	Balance	45K	3597192			
R302	Balance	45K	3597216			
VR201	P Meter	50K	EVNK4AA00B54			
VR202	Power ADJ	5000	EVNK4AA00B53			
VR203	Freq Level	500K	EVNK4AA00B55		MSD54L	US503L
VR251	AMC	5000	EVNK4AA00B53			
VR301	S Meter	50K	EVNK4AA00B54			
VR302	AGC Range	50K	EVNK4AA00B54			
VR303	Squelch Range	20K	EVNK4AA00B24			
VR304	Squelch/Switch	10K	EVHY93022B14			
VR305	Audio Gain	500	EVNJ0AA00B52			

(22) Used in model 4048077.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFR. PART No.			WORKMAN PART No.	MFR. PART No.
A1	Resistor Network		3597230(1)	R370	Resistor Network		EXBP86101K(3)
A2	Resistor Network		3597229(2)	TH301	10K Cold		ERTD2ZHK103S

- (1) Consists of one each 470, 110, 200K, 1K, 16K, 82K, 24K, 2.2K resistors.
 (2) Consists of one each 1K, 18K, 30K, 1.5K, 6.8K, 140K, 82K, 2K resistors.
 (3) Consists of six 100 ohm resistors.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
IFT301	Rec Mixer (10.595MHz)	EIF7S755C	EIA086		(1) Part of M1 (Tuner).
IFT302	Rec Mixer (10.595MHz)	EIF7S755C			
IFT303	Rec Mixer (455kHz)	YEIA07S7075D			
IFT304	Rec IF (455kHz)	YEIA07S7075D			
IFT305	Rec IF (455kHz)	YEIA10S7086			
L1	RF Choke (2.2uH)	3596331			
L2	AM Antenna	(1)			
L3	AM RF	(1)			
L4	AM Osc.	(1)			
L5	RF Choke (50mH)	3596247			
L101	FM Antenna	(1)	7703HK		
L102	FM RF	(1)			
L103	FM Osc.	(1)			
L104	RF Choke (27uH)	3597235			
L201	Antenna Matching	YELT04N017			
L202	Pi Filter	YELT04N017			
L203	Pi Filter	YELT04N017			
L204	Final Tuning (27MHz)	EIV10H43			
L205	RF Choke	YELT04N018			
L206	XMT Driver (27MHz)	EIV10H43			
L207	RF Choke	YELQ04N009			
L301B	RF Choke	YELT04C021			
T1	AM IF (262.5kHz)	3597234			
T2	AM IF (262.5kHz)	3597247			
T101	FM IF (10.7MHz)	3596400			
T102	FM Detector (10.7MHz)	3596807			
T103	FM MPX Coil (76kHz)	3596806			
T201	XMT Buffer (27MHz)	EIV7E701A			
T202	XMT Buffer (27MHz)	EIV7E701A			
T203	XMT Mixer (27MHz)	EIV7E701A			
T301	Rec Antenna (27MHz)	EIV7E704B			
T302	Rec RF (27MHz)	EIV7E701A			
T303	Rec RF (27MHz)	EIV7E701A			
T304	Noise Blanker	EIV7E701A			
T906	VCO	EIV7E704A			
T907	VCO Buffer (17MHz)	EIF7S757B			
T908	VCO Buffer (17MHz)	EIV7E704A			

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFR. PART No.	THORDARSON PART No.	TRIAD PART No.	
L301	1A	.306	3.8mH	YELT04N021 3597201(1)			(1) Number on unit.

CHRYSLER MODELS 404807/6/8077

PARTS LIST AND DESCRIPTION (CONTINUED)

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

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T204	8	38.42	YETM124X002 TM002(1)			(1) Number on unit.

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	WM2291X	18-032	18-034	18-010	18-105	1	3	2	NC	NC	5

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF201	Filter	EFCS27MT1	27MHz
CF202	Filter	YEIN09N5004D	10.7MHz
CF301	Filter	YEIC07D2006A	455kHz
CF302	Filter	YEIN09N5004D	10.7MHz
CN301	Connector	EMCS1001	10 Pin, on CB board.
CN451	Jack	YEATO7022	Mic
D316-D321	LED	YEADMV5274B	Meter S/Rf
FB101	Ferrite Bead	3596355	
FB102	Ferrite Bead	3596355	
FB103	Ferrite Bead	3596355	
FB104	Ferrite Bead	3596355	
FB105	Ferrite Bead	3596355	
FB106	Ferrite Bead	3596355	
FL101	Filter	3598430	10.7MHz
FL102	Filter	3597298	10.7MHz, Optional
	Filter	3598430	10.7MHz
J2	Filter	3597298	10.7MHz, Optional
	Cable Assembly	3598127	Speakers, Model 4048076
J3	Cable Assembly	3598134	Speakers, Model 4048077
J4	Cable Assembly	3598139	DC Power
J5	Cable Assembly	3598135	Dial Lamp
J6	Socket	3598229	Display Dimmer
J201	Connector	3597202	Radio Antenna
LP1	Lamp	YEAE01096	CB Antenna
LP2	Lamp	3598235	Dial, #1815 (13.80V @ 75mA)
M1	Tuner	3598270	Stereo Indicator #73 (12.08V @ 75mA)
M2	Tuner	3598031	Model 4048076
	Tuner	3598338	Model 4048076, Optional
P4	Tuner	3598032	Model 4048077
	Tuner	3598339	Model 4048077, Optional
P4	Coil Deck Assembly	3598056	Model 4048076
	Coil Deck Assembly	3598057	Model 4048077
P4	Digital Display	YEAL992BT04	Channel Readout, 7-Segment Gas Tube
	Cable Assembly	3598138	10 Pin; Radio-to-CB Subassembly, Model 4048076
	Cable Assembly	3598137	Radio-to-CB Subassembly, Model 4048077

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

ITEM No.	PART NAME	PART No.	NOTES
S1	Switch		Power (Part of volume control)
S301	Switch	3597167	AM/FM
	Switch	3597168	AM/FM, Optional
SW301	Switch		NB (Part of squelch control)
SW302	Switch	YEAS09066	Monitor
SW303	Switch	YEAS09067	CB/Radio
SW905	Switch	YEAS07051	Channel Selector
X201	Crystal	YEXLHC18U016	10.595MHz
X301	Crystal	YEXLHC18U018	10.140MHz
X902	Crystal	YEXLHC18U015	10.240MHz
	Printed Circuit Board	3598231	AM/Audio, Model 4048076
	Printed Circuit Board	3598232	AM/Audio, Model 4048077
	Printed Circuit Board	YEAP464	Flexible (Channel Display)
	Printed Circuit Board	3598234	FM
	Subassembly	3598011	CB, Complete

ITEM	PART No.	ITEM	PART No.
Cover, Bottom, CB Subassembly	YEFA05137	Knob, AM/FM	3598048 (2)
Cover, Top, Main Chassis	3597182	Knob, Balance Control	3598049
Cover, Upper, CB Subassembly	YEFA03243	Push-button, CB + Monitor	3598050
Escutcheon Assembly	3598044 (1)	Push-button, Tuner	3596860
Escutcheon Assembly	3598043 (2)	Sub-escutcheon Assembly	3598046 (1)
Front Plate, CB Subassembly	YEFA07027	Sub-escutcheon Assembly	3598047 (2)
		Tuner Pointer Assembly	3598052

(2) Model 4048077.

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')
(braided)	BELDEN No. 8401		BELDEN No. 8497 (6')
Speaker Cable (available in 4 colors)	BELDEN No. 8782		BELDEN No. 9472 (7-1/2')
Bonding Strap	BELDEN No. 8672	28AWG	BELDEN No. 9466 (6')
AC Power Cord (6')	BELDEN No. 17106	31AWG	BELDEN No. 9468 (10')
	(9') BELDEN No. 17109	4-conductor (unshielded) 23AWG	BELDEN No. 8415 (6')
		5-conductor (1 shielded) 28AWG	BELDEN No. 9467 (6')
			BELDEN No. 9465 (7-1/2')

