

SAMS PHOTOFACT[®]

AUTO RADIO SERIES



AR-228

228

NOVEMBER, 1976



Handwritten: 8003H
11/23/76

CONTENTS

DODGE

Demon, Swinger (76)
2CH2602
5CH2602

FORD

Thunderbird (76)
1FD4602

LINCOLN

Continental, Mark IV (76)
1FD4606
1LN4602

PLYMOUTH

Duster, Scamp, Valiant (76)
2CH2602
5CH2602

UNIVERSAL

Boman Astrosonix
BM-595
Medallion
65-416
Pioneer
TP-8001E

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

World Radio History

\$3.50
\$4.40 IN CANADA
Cat. No. AR-228



SAMS PHOTOFAC[®]

AUTO RADIO SERIES



VOLUME
228



by the *Howard W. Sams.* ENGINEERING STAFF



HOWARD W. SAMS & CO., INC.
INDIANAPOLIS, INDIANA

**FIRST EDITION
FIRST PRINTING—NOVEMBER, 1976**

**PHOTOFACT®
AUTO RADIO SERIES
VOLUME 228**

Copyright © 1976 by Howard W. Sams & Co., Inc.
Indianapolis, Indiana 46206. Printed in the United States of America.

All rights reserved. Reproduction or use, without express permission, of editorial or pictorial content, in any manner, is prohibited. No patent liability is assumed with respect to the use of the information contained herein.

The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed.

Library of Congress Catalog Card Number: 49-11493



AUTO RADIO SERIES

TABLE OF CONTENTS

TRADE NAME AND MODEL

PAGE

Boman Astrosonix Model BM-595	5
Dodge/Plymouth Models 2CH2602 (3501472) 5CH2602 (3501472)	31
Ford/Lincoln Models 1FD4602 1LN4606	45
Medallion Model 65-416	75
Pioneer Model TP-8001E	93

Cumulative Index to Prior Volumes	117
--	------------

GENERAL SERVICING INFORMATION

The following information applies to all tape units in this volume, and should be followed before any adjustments are made or trouble diagnosis is attempted. Any exceptions or additions will be found in the detailed servicing procedures for each tape unit.

POWER SOURCES

Many tape units require full supply voltage for proper operation. Be sure the supply voltage is maintained at the rated value under load while making adjustments.

CLEANING

All head faces should be cleaned with head cleaner or methyl alcohol to remove dust and accumulated oxide. (An applicator may be fashioned from absorbent cotton.) Do not use a screwdriver or any metallic object near the head faces.

CAUTION: Avoid getting head cleaner on any plastic surface.

Clean capstans, pressure rollers, and tape guides with alcohol using a soft lint-free cloth. Also use alcohol to remove oil and grease from drive belts and other driving surfaces.

LUBRICATING

Clean all surfaces before lubricating. Apply a few drops of #20 machine oil to all bearings and rotating bushings. Apply a thin film of light, nonhardening grease to all cam surfaces and pawls, if they have been factory lubricated. Always wipe excess oil or grease from parts that have been lubricated.

CAUTION: Oil and grease must be kept off all driving surfaces as well as any parts which may transfer oil or grease to them.

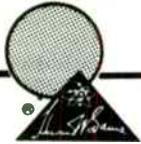
DEMAGNETIZING

Heads require demagnetizing at regular intervals to maintain high-frequency response, dynamic range, and low distortion. (Follow instructions included with the demagnetizing unit.) After demagnetizing the heads, keep all screwdrivers and other metallic objects away from the head faces. Tape guides may also require occasional demagnetizing.

IMPORTANT: Be sure to demagnetize the heads after making resistance measurements in the head circuits.

CARTRIDGES

Many problems associated with tape units result from defective cartridges. Always try a cartridge known to be good before attempting repairs.



MODEL BM-595

SEQUENCE OF OPERATION

PLAY

Pressing a cassette into Housing (24) slides Spring (81) to pivot Arm (10), causing Plate (13) to pivot Lever (11). Arm (10) also allows Spring (77) to pivot Lever (12).

Releasing pressure on the cassette allows Spring (70) to pivot Arm (10). Arm (10) moves Lever (12) to pivot Lock (43). Lock (43) releases Arm (28) to allow Spring (72) to pull Bracket (25). Bracket (25) actuates Switch (S301), pivots Lever (9), and moves the cassette down, inserting Spindles (17) and (18). Lever (9) releases Plate (2) to allow Arm (3), pulled by Spring (71) to slide Plate (2), moving the head forward and allowing Spring (74) to press Roller (4) against the capstan. Arm (3) also pivots Lever (41) to move Plate (40), releasing Spindles (17) and (18).

Arm (3) also releases Arm (21A), pulled by Spring (67), to press Shaft (21C) against Spindle (17).

The motor -- through Pulley (87), Belt (63), Idler (20), Belt (62), Pulley (21B), Clutch (21), and Shaft (21C) -- drives Spindle (17).

FAST FORWARD (FROM PLAY)

Pressing the Fast Forward button moves Slide (35) to pivot Arm (15). Arm (15) releases Plate (37), pulled by Spring (66), to lock Arm (15), Slide (35) and the Fast Forward button.

Slide (35) also moves Arm (3) to momentarily release Lever (41), allowing Plate (40), moved by Spring (75), to press and release Spindles (17) and (18). Arm (3) also pivots Arm (21A) to move Shaft (21C) from Spindle (17).

Arm (15) also pivots Arm (6) to move Lever (7).

Lever (7) causes Spring (78) to pivot Plate (16), pressing Idler (22) against Flywheel (19) and Clutch (22A) against Spindle (17).

The motor -- through Pulley (87), Belt (63), Flywheel (19), Idler (22), and Clutch (22A) -- drives Spindle (17).

REWIND

Pressing the Rewind button moves Slide (8) to pivot Arm (14). Arm (14) releases Plate (36), pulled by Spring (66), to lock Arm (14), Slide (8), and the Rewind button.

Slide (8) also moves Lever (42) to pivot Arm (3). Arm (3) momentarily releases Lever (41) to allow Plate (40), moved by Spring (75), to press and release Spindles (17) and (18). Arm (3) also pivots Arm (21A) to move Shaft (21C) from Spindle (17).

Arm (14) also pivots Arm (6) to move Lever (7). Lever (7) causes Lever (38) and Spring (76) to pivot Plate (16), pressing Idler (22) against Idler (20), and Clutch (22A) against Spindle (18).

The motor -- through Pulley (87), Belt (63), Idler (20), Idler (22), and Clutch (22A) -- drives Spindle (18).

RESUME PLAY (FROM FAST FORWARD OR REWIND)

Pressing the Stop/Eject button pivots Plate (36) or (37) to allow appropriate springs to reverse previously selected function.

Springs (64), (65), (67), (71), and (78) reverse Fast Forward sequence. Springs (64), (67), (68), (71), and (76) reverse the Rewind sequence.

BOMAN ASTROSONIX MODEL BM-595

SEQUENCE OF OPERATION (Continued)

STOP-EJECT (FROM PLAY)

Pressing the Stop/Eject button moves Slide (32) to pivot Arm (3). Arm (3) releases Lever (41) to allow Spring (75) to press Plate (40) against Spindles (17) and (18). Arm (3) also slides Plate (2) to move Roller (4) from the capstan and the head from the tape.

Slide (32) also pivots Lever (31) to rotate Plate (30). Plate (30) moves Plate (13) to allow Lever

(11), pivoted by Spring (70), to raise Arm (28). Arm (28) lifts Holder (5) to raise the cassette from Spindles (17) and (18), and actuate Switch (S301).

Lever (11) also moves Lever (12) to release Arm (10), pulled by Spring (70). Arm (10) slides Spring (81) to eject the cassette

CLEANING

LUBRICATING

HEAD DEMAGNETIZING

Refer to "General Servicing Information" on page 4.

ADJUSTMENTS

IMPORTANT: Before making any adjustments, refer to "General Servicing Information" on page 4.

1. All voltage measurements referred to in this chart are made at a tape speed of 1 7/8 ips with an AC-DC VTVM.
2. All torque measurements are made at a tape speed of 1 7/8 ips with a spring scale applied to a point 1 inch from spindle center.
3. All pressure measurements are made by using a spring scale to determine that point at which pressure is just removed.

ADJUST	REMARKS
Play Take-up Torque	Nominal value 1/2 oz. No adjustment provided.
Fast Forward Torque	Nominal value 1 1/4 oz. No adjustment provided.
Rewind Torque	Nominal value 1 1/4 oz. No adjustment provided.
Pressure Roller Pressure	Nominal value 9 oz. Controlled by Spring (74).
Record/Play Head Azimuth	Connect AC meter across speaker; play an azimuth-test tape and adjust B1 for maximum output.

TROUBLE CHART

IMPORTANT: Before consulting this chart, refer to "General Servicing Information" on page 4.

SYMPTOM	REMARKS
Take-up erratic or inoperative in play or record	Spindle (17) dirty, worn or binding. Shaft (21C) dirty, worn or binding. Clutch (21) dirty, worn or binding. Pulley (21B) dirty, worn or binding. Idler (20) dirty, worn or binding. Belt (62) dirty or worn. Spring (67) weak or out of place. Arm (21A) binding.
Take-up erratic or inoperative in fast forward	Spindle (17) dirty, worn or binding. Idler (22) dirty, worn or binding. Spring (78) weak or out of place. Clutch (22A) dirty, worn or binding.
Rewind erratic or inoperative	Spindle (18) dirty, worn or binding. Idler (20), (22) dirty, worn or binding.

TROUBLE CHART (Continued)

IMPORTANT: Before consulting this chart, refer to "General Servicing Information" on page 4.

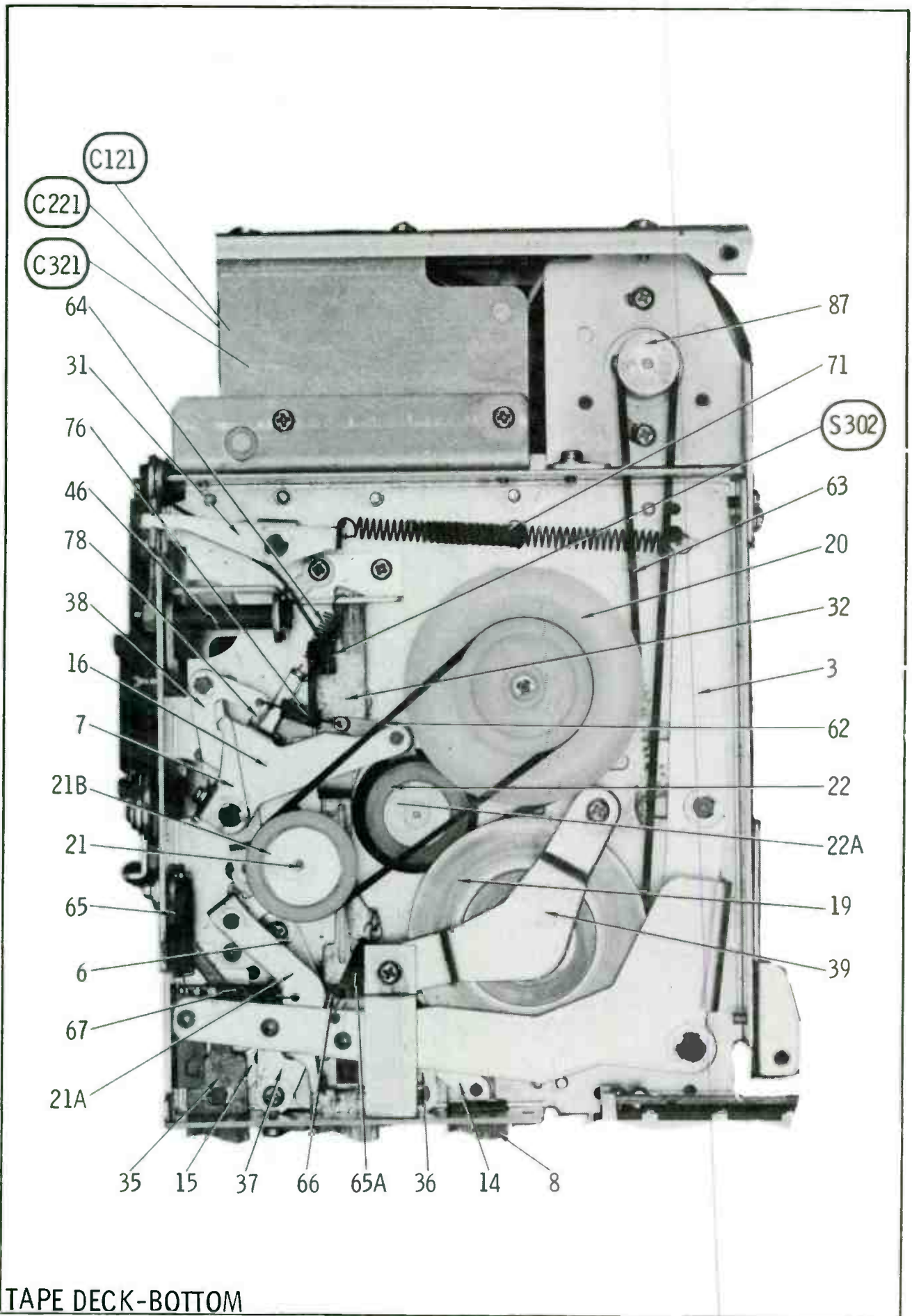
SYMPTOM	REMARKS
Capstan does not rotate	Belt (63) dirty, worn or broken. Flywheel binding. Motor defective or not supplied with power.
Tape rides up and down between capstan and pressure roller.	Capstan bent. Roller (4) worn. Excessive take-up torque.
Unit will not accept cassette.	Lever (12) worn or binding. Spring (77) weak or out of place. Lock (43) binding. Arm (10) binding. Spring (70) weak or out of place. Spring (72) defective.
Wow or flutter	Roller (4) dirty or worn. Belt (63) dirty or worn. Bearing (23) binding. Cassette defective. Motor defective. Excessive take-up torque. Plate (2) binding. Spring (71) weak or out of place. Arm (3) binding.

BOWAN ASTROSONIX MODEL BM-595

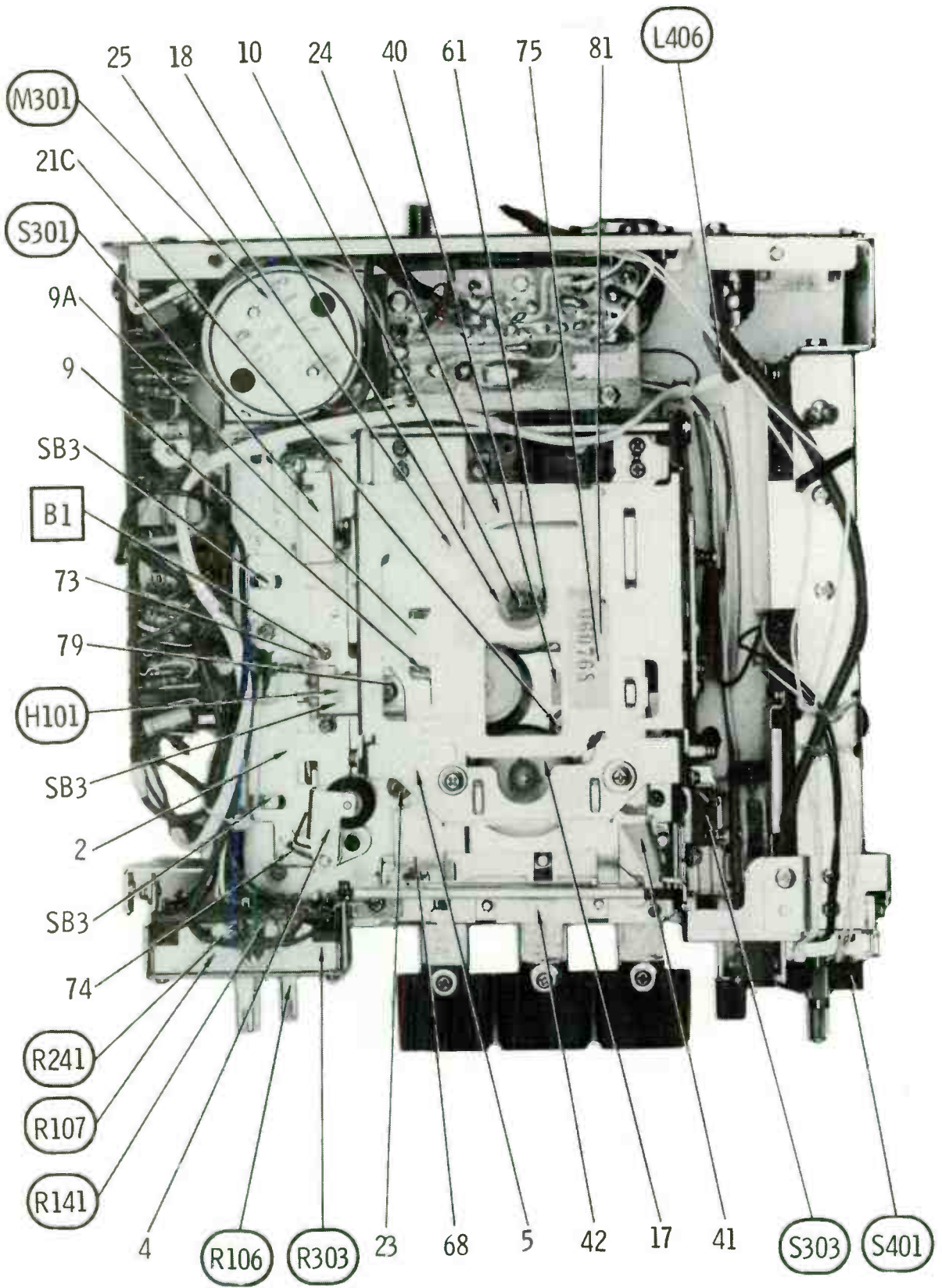
MECHANICAL PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
SB3		3mm Ball Bearing (3 Used)	32		Eject Slide
2		Head Plate	35		Fast Forward Slide
3		Head Plate Arm	36		Fast Forward Lock Plate
4		Pressure Roller	37		Rewind Lock Plate
5		Cassette Holder	38		Fast Wind Tension Lever
6		Fast Wind Arm	39		Flywheel Bracket
7		Fast Wind Actuating Lever	40		Brake Plate
8		Rewind Slide	41		Brake Actuator Lever
9		Head Plate Release Lever	42		Rewind Lever
		(Assembly)	43		Cassette Housing Arm Lock
9A	(1)	Head Plate Release Lever Spring	46		Cassette Arm Shaft
10		Cassette Arm (Assembly)	57		Flywheel Adjusting Screw
11		Pivot Lever	61		Cassette Arm Roller
12		Cassette Positioning Lever	62*		Take-up Belt*
13		Interlocking Plate	62*		Flywheel Belt*
14		Rewind Arm	64		Fast Wind Plate Spring
15		Fast Forward Arm	65		Fast Forward Slide Spring
16		Fast Wind Plate	65A		Eject Slide Spring
17		Take-up Spindle (Assembly)	66		Fast Wind Lock Plate Spring
18		Supply Spindle (Assembly)	67		Take-up Spring
19		Flywheel	68		Rewind Slide Spring
20		Take-up Idler	70		Pivot Lever Spring
21		Take-up Clutch (Assembly)	71		Head Plate Spring
21A	(2)	Take-up Clutch Arm	72		Cassette Housing Spring
21B	(2)	Take-up Clutch Pulley	73		Azimuth Spring
21C	(2)	Take-up Shaft	74		Pressure Roller Spring
22		Fast Wind Idler (Assembly)	75		Brake Plate Spring
22A	(3)	Fast Wind Clutch	76		Rewind Spring
23		Capstan Bearing	77		Cassette Positioning Lever Spring
24		Cassette Housing			Fast Forward Spring
25		Cassette Housing Bracket	78		Head Plate Bearing Spring
28		Cassette Housing Arm	79		Cassette Spring
30		Eject Pivot Plate	81		Motor Pulley
31		Eject Lever	87		

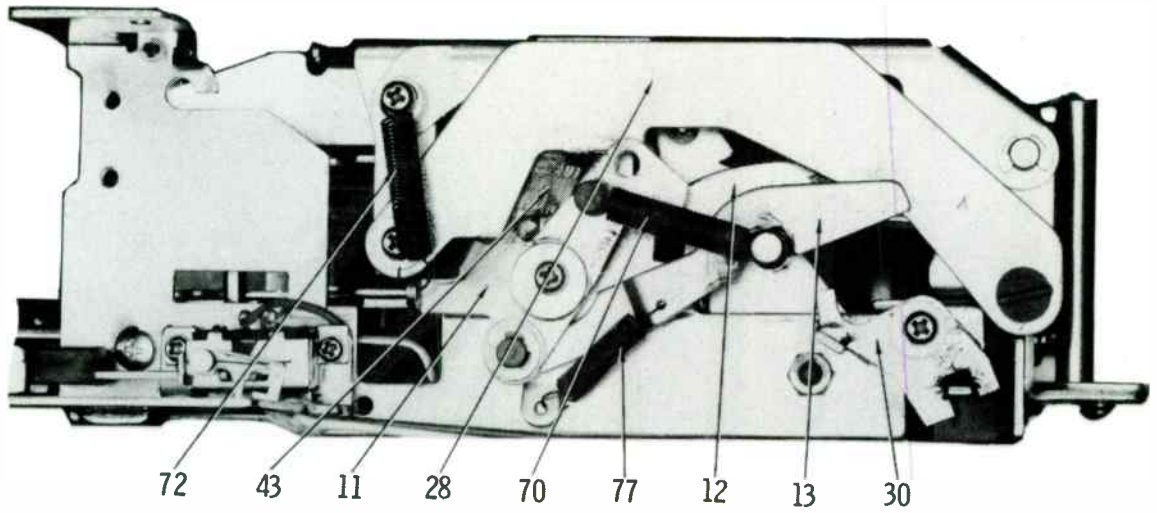
- * Take-up Belt - E-V/GAME Replacement Number 1407-46. (1) Part of Assembly (9).
 WALSCO Replacement Number 1425-31. (2) Part of Assembly (21).
 * Flywheel Belt - E-V/GAME Replacement Number 1407-201. (3) Part of Assembly (22).
 WALSCO Replacement Number 1425-35.



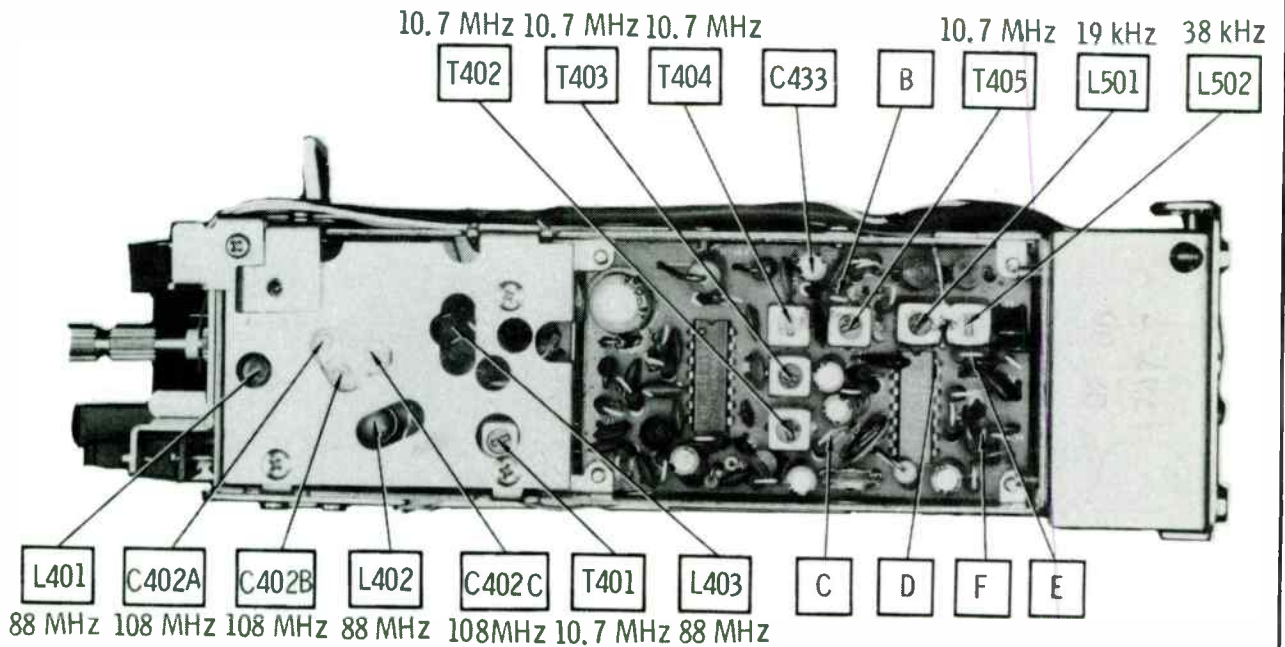
TAPE DECK-BOTTOM



CHASSIS-TOP



TAPE DECK-RIGHT SIDE



CHASSIS-RIGHT SIDE

ALIGNMENT INSTRUCTIONS

Check for specified source voltage.

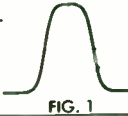
Use only enough generator output to provide a usable indication.

Suggested Alignment Tools:

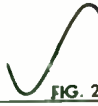
GC ELECTRONICS

ALL 8290,8868,9087

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

High side of generator thru .001uf to ant. input.			low side to ground.	
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz Unmodulated	Point of non-interference	DC probe of VTVM to point B, common to ground.	T404,T403, (1) T402,T401	Adjust for maximum. 
"	"	DC probe of VTVM to point C, common to ground.	T405	Adjust for zero reading. A positive or negative reading will be obtained on either side of correct setting.

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

High side of generator thru .001uf to point A, Use 60-hertz frequency modulated signal with 450kHz sweep. Use 60-hertz sawtooth voltage in scope for horizontal deflection.			low side to ground.	
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz 450kHz Sweep	Point of non-interference	Vert input of scope to point B, low side to ground.	T404,T403, (1) T402,T401	Disconnect stabilizing capacitor C433. Adjust for maximum gain and symmetry of response similar to Fig. 1 Reconnect C433. 
"	"	Vert input of scope to point C, low side to ground.	T405	Adjust T405 for maximum amplitude and straightness of line similar to Fig. 2. Readjust T404.

FM RF ALIGNMENT—SELECTOR IN FM POSITION

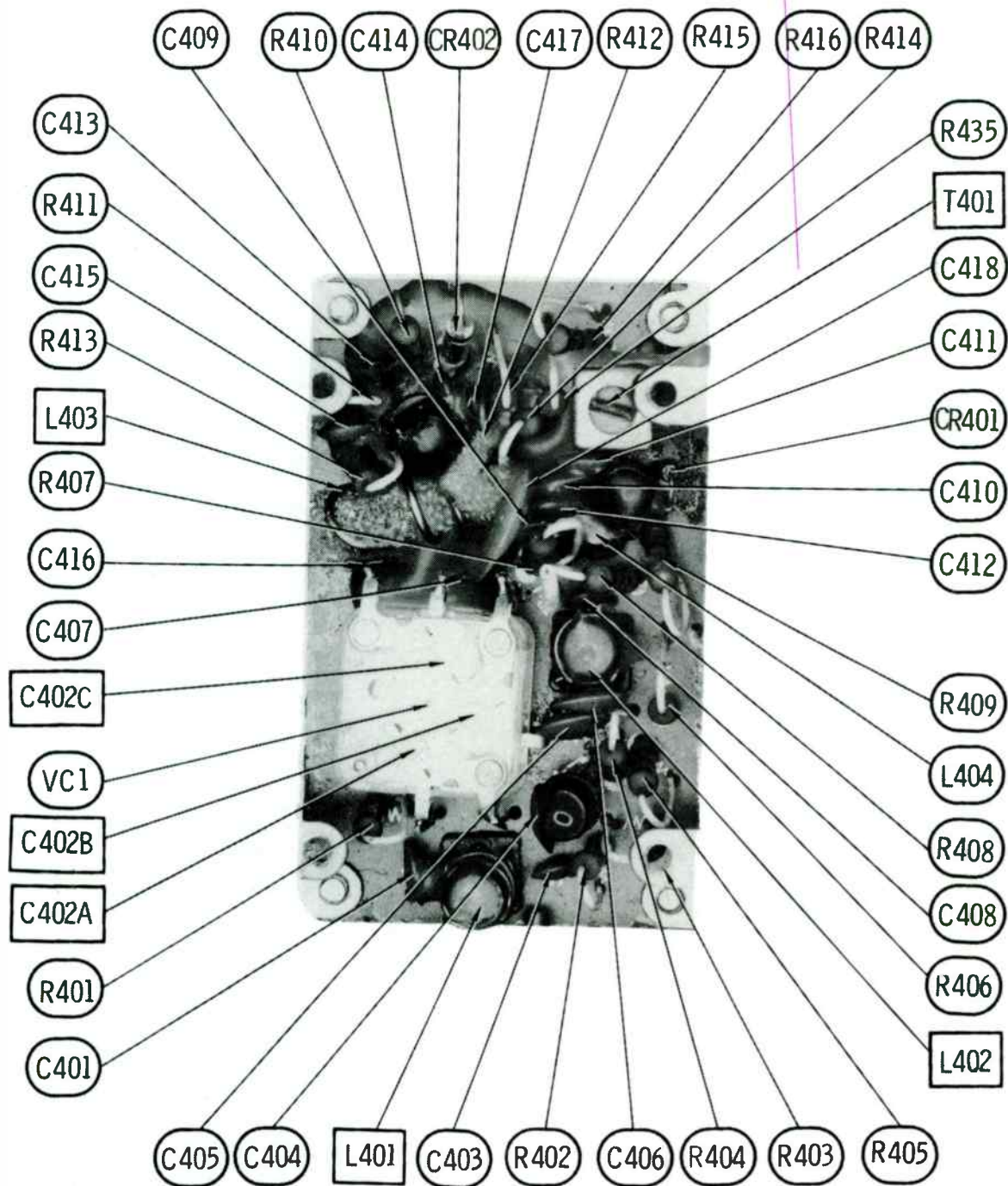
Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead. Adjustment of coils by bending should not be attempted unless the coil is deformed or replaced.				
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
88MHz Unmodulated	Low freq end	DC probe of VTVM to point B, common to ground.	L403,L402, L401	Adjust for maximum.
Unmodulated	Tune to signal	"	C402C,C402B, C402A	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

(1) Before adjusting, vary generator frequency slightly. Maximum output indicates exact IF.

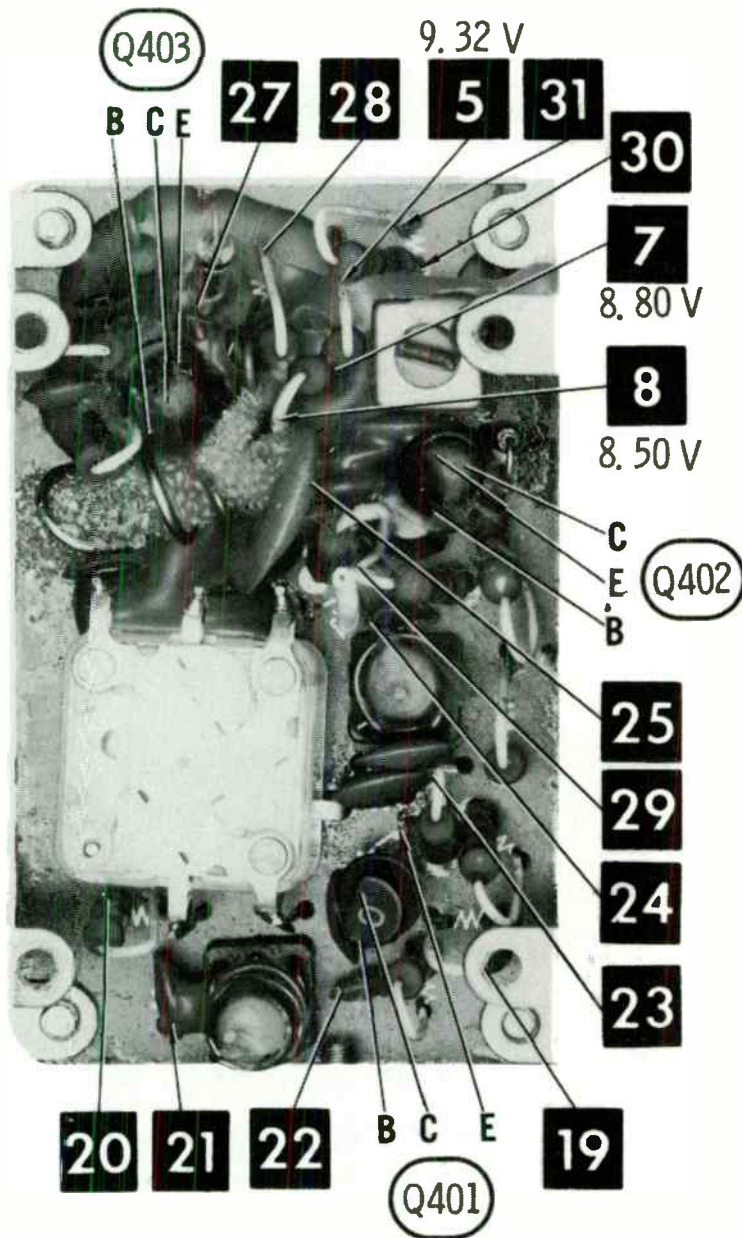
FM STEREO MULTIPLEX ALIGNMENT USING FM STEREO SIGNAL GENERATOR (± .0001% ACCURACY)

High side of generator thru 47K to point A,			low side to ground.	
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
19kHz	Vert input of scope thru 47K to point D, low side to ground.		L501,L502	Adjust for maximum 38kHz response.
Modulated Left Channel	Vert input of scope to point E, low side to ground.		L502	Adjust for MINIMUM. This step should require only slight adjustment.
Modulated Right Channel	Vert input of scope to point F, low side to ground.			Check for MINIMUM. If necessary, make compromise adjustment of L502.

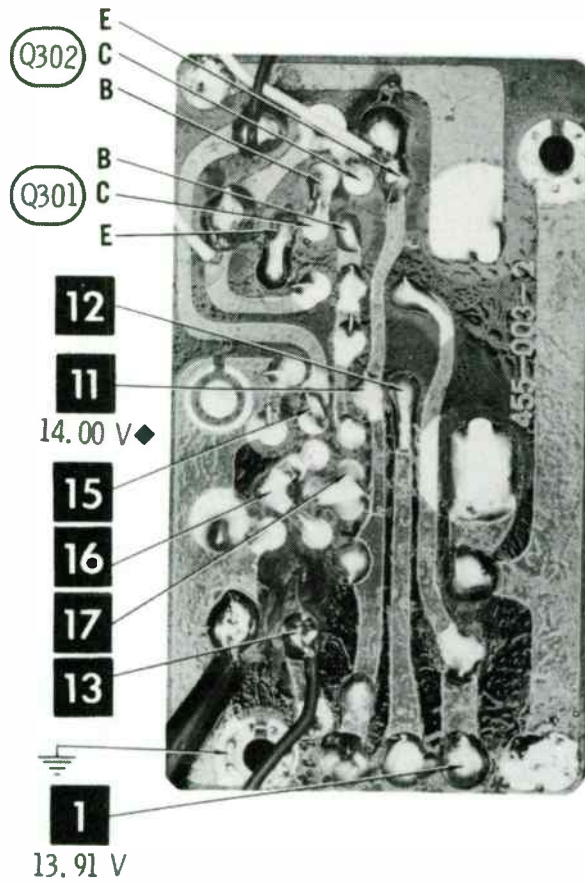
BOWMAN ASTROSONIX MODEL BM-595



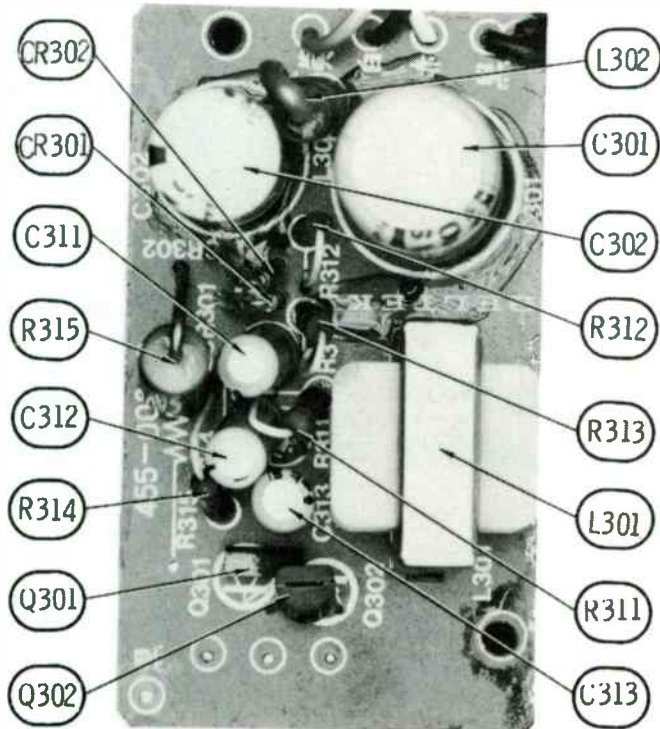
TUNER BOARD



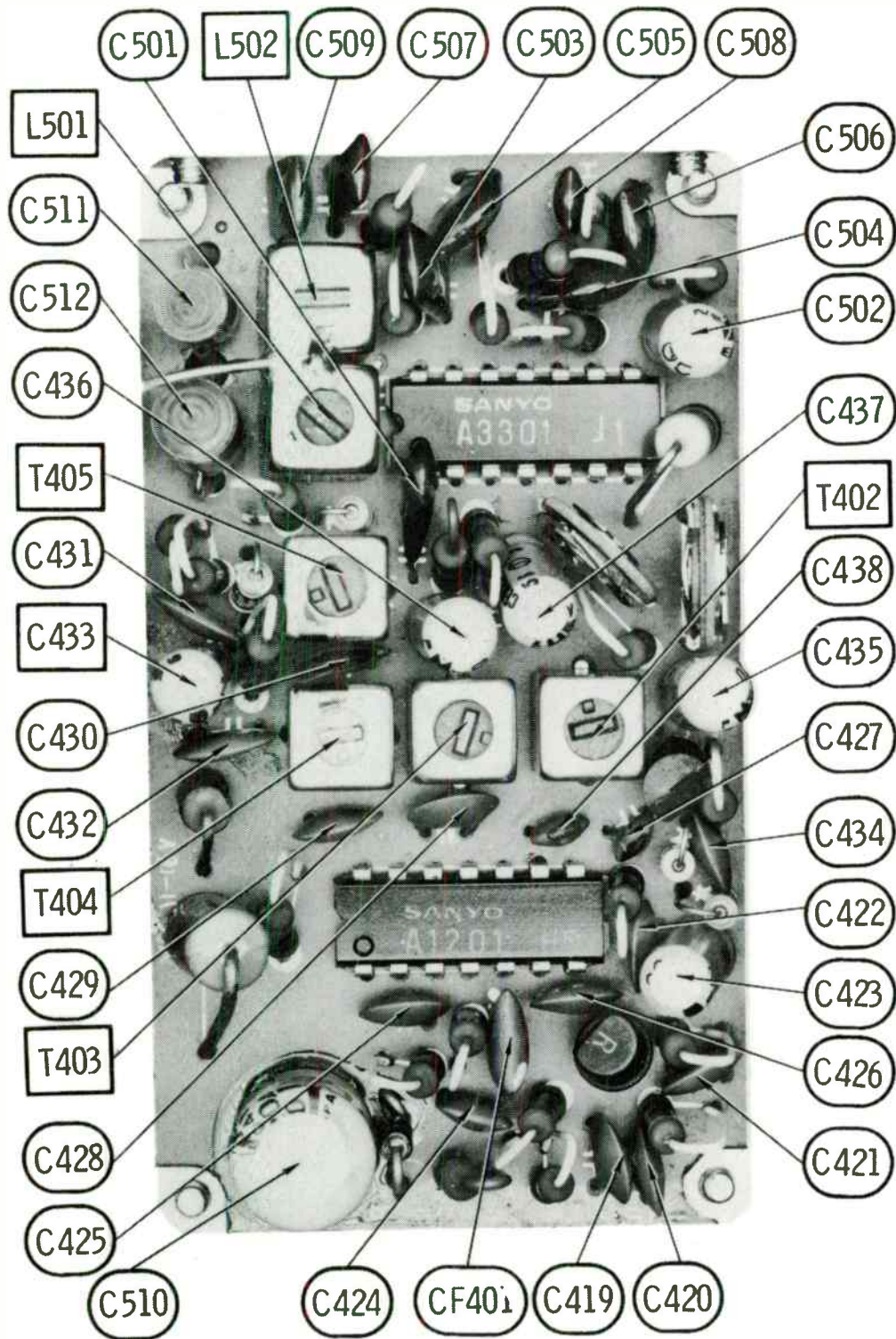
ROMAN ASTROSONIX MODEL BM-595



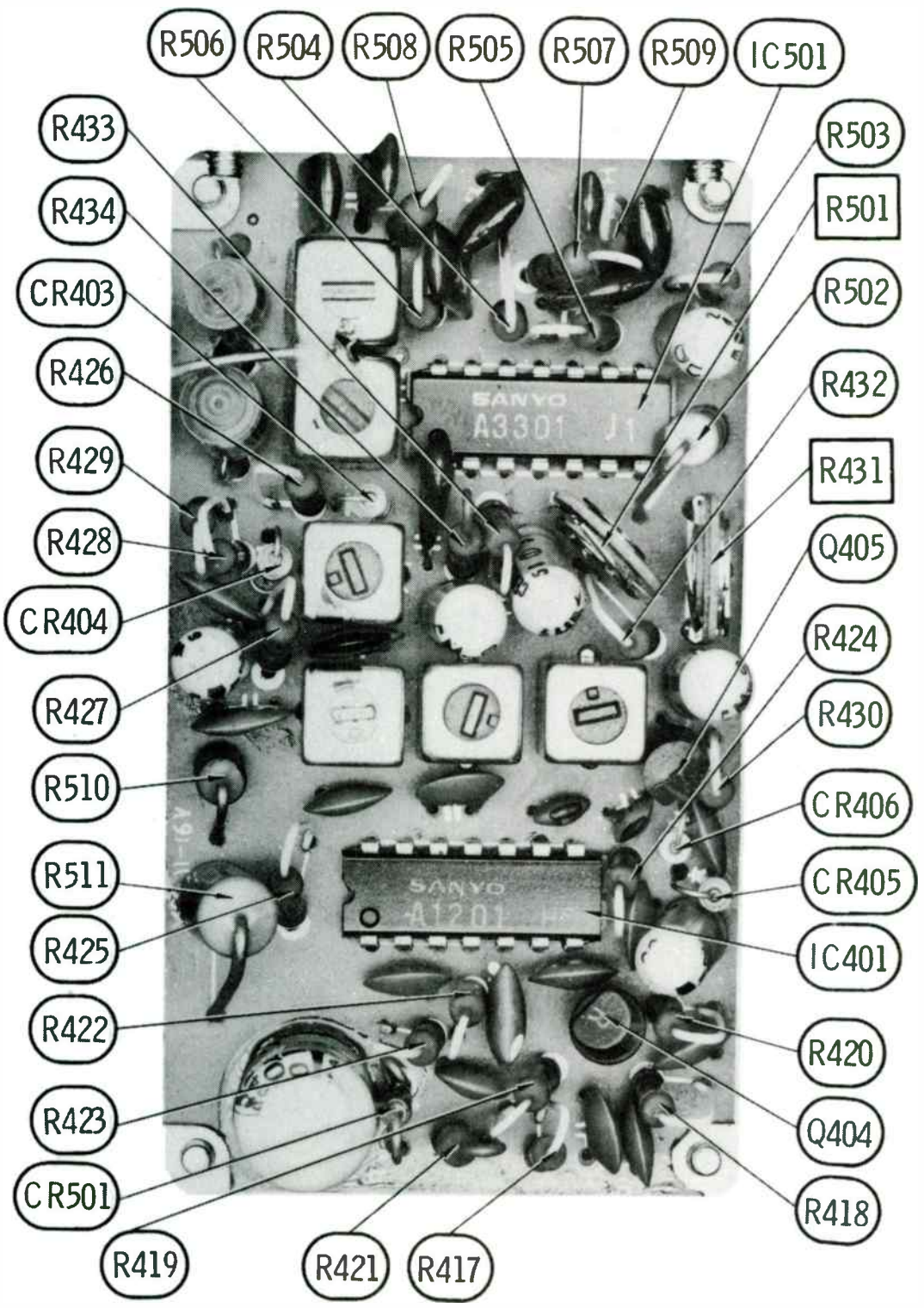
◆ TAPE



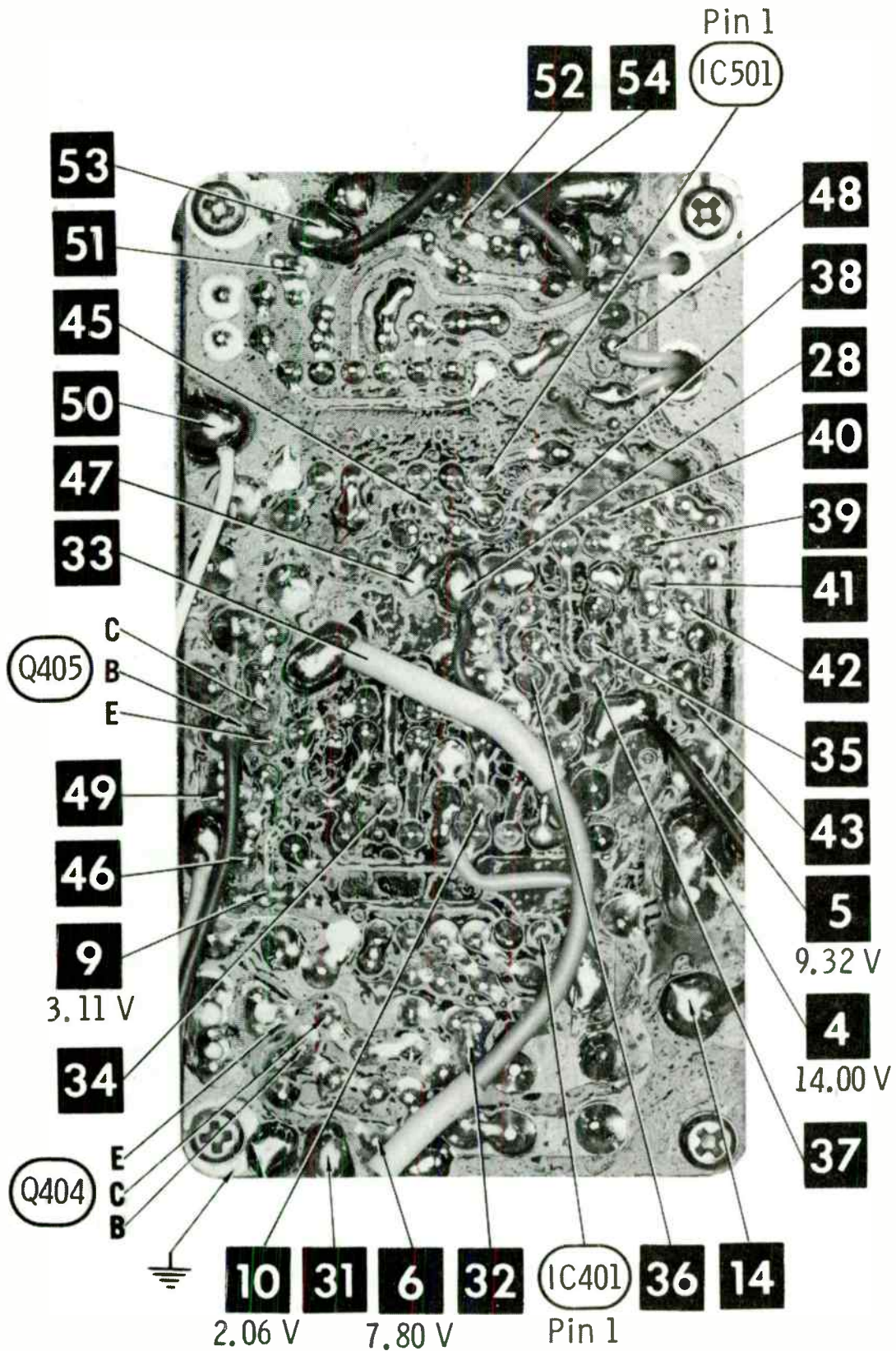
TAPE BOARD



IF/MPX BOARD

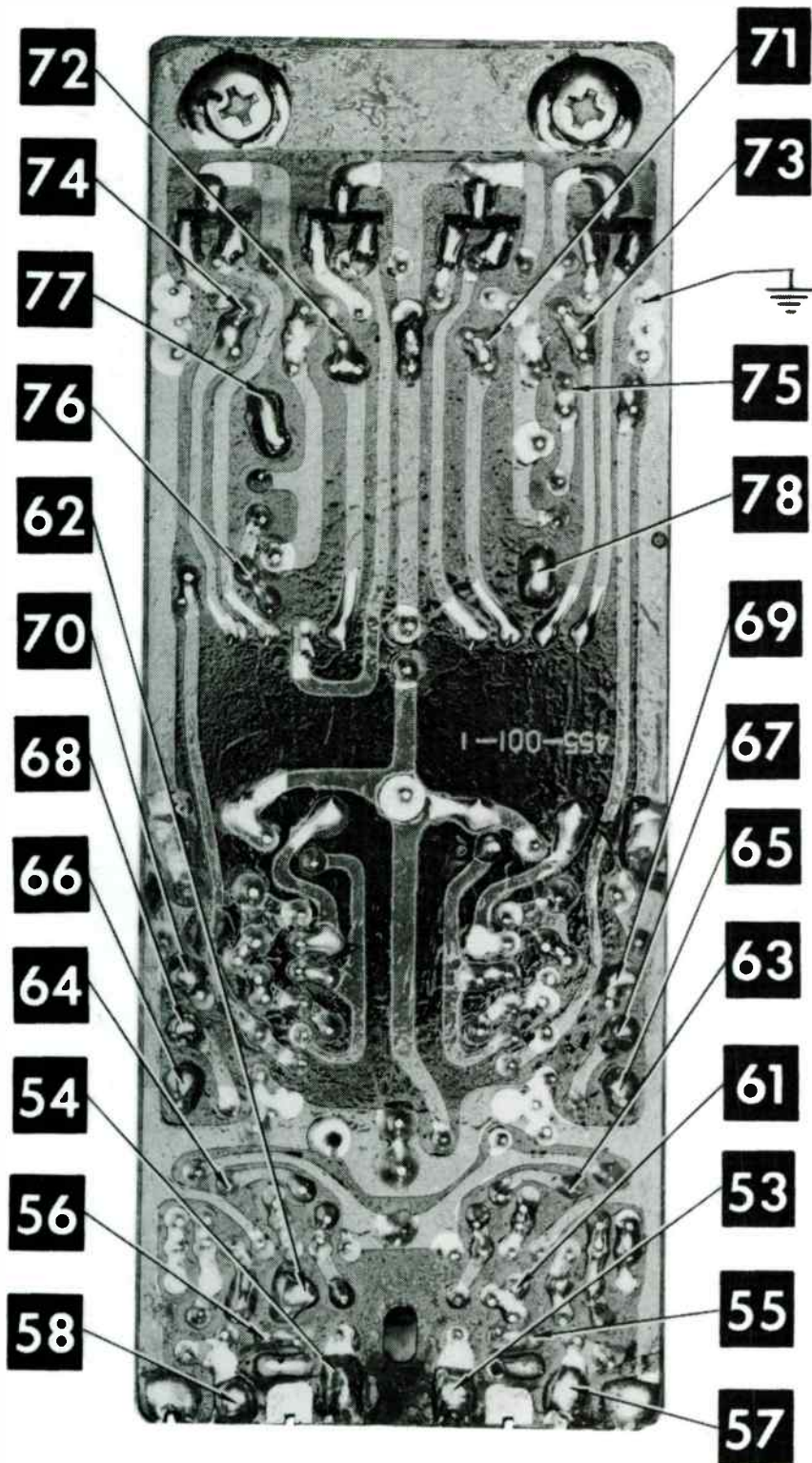


IF/MPX BOARD

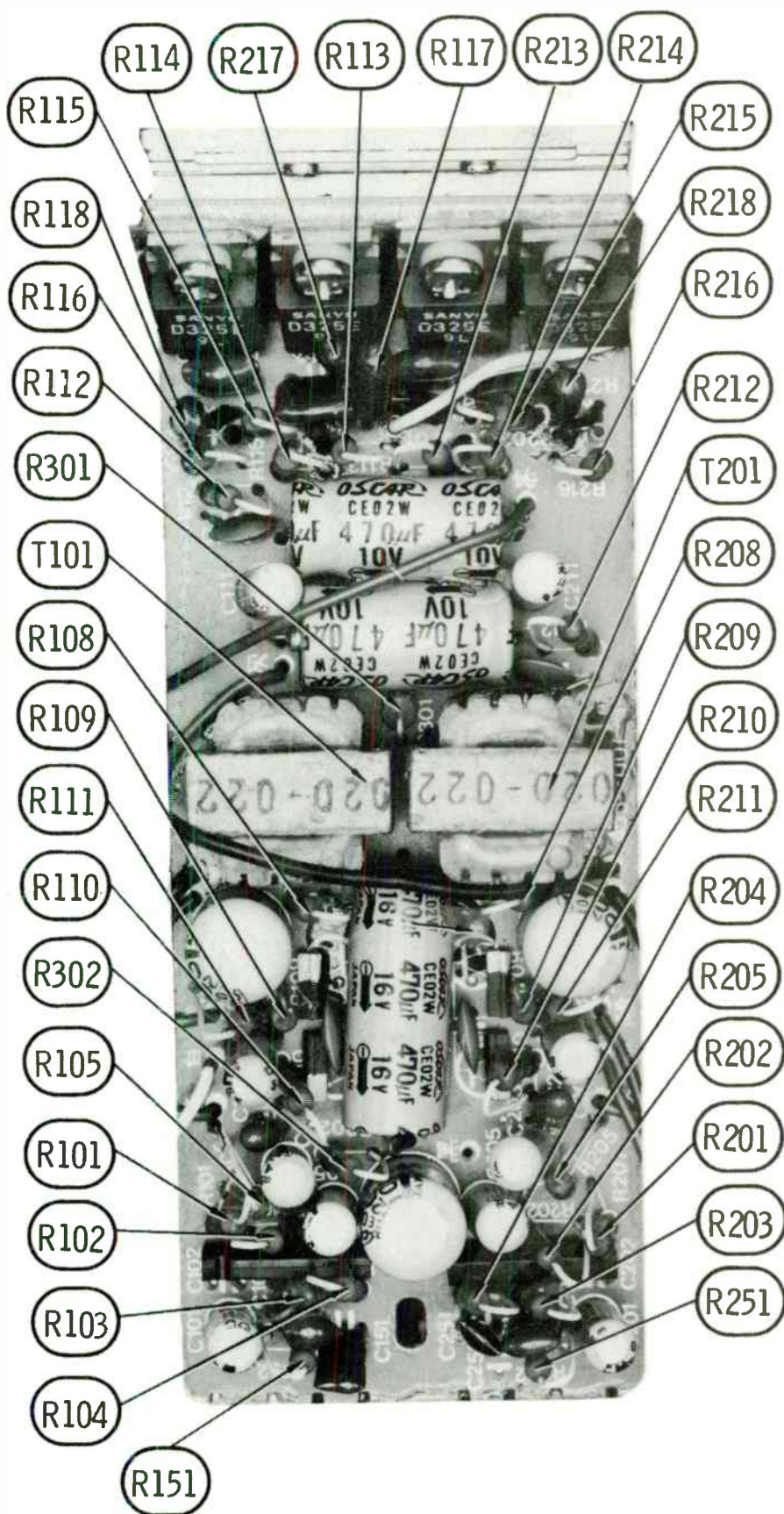


BOMAN ASTROSONIX MODEL BM-595

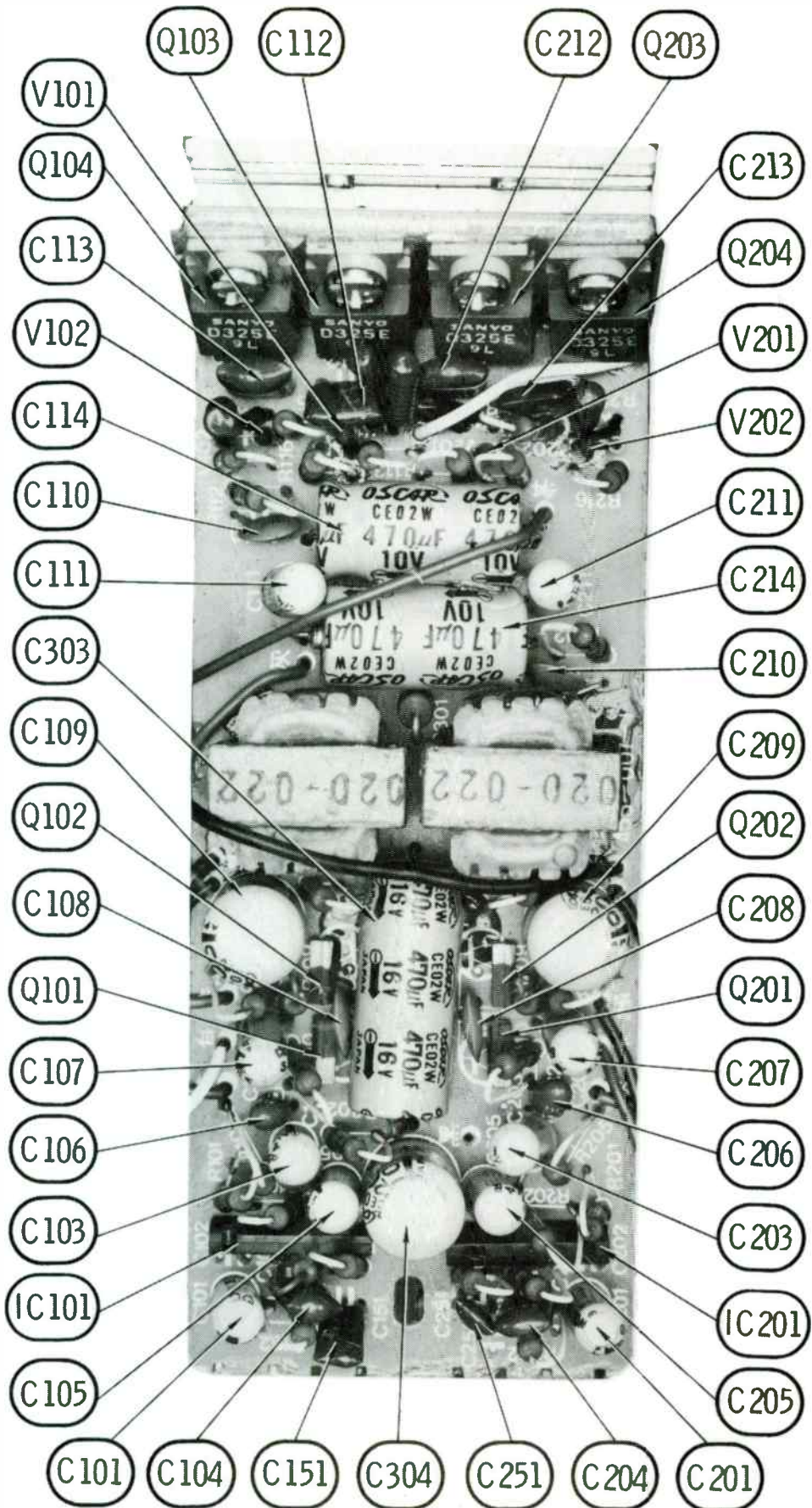
IF/MPX BOARD



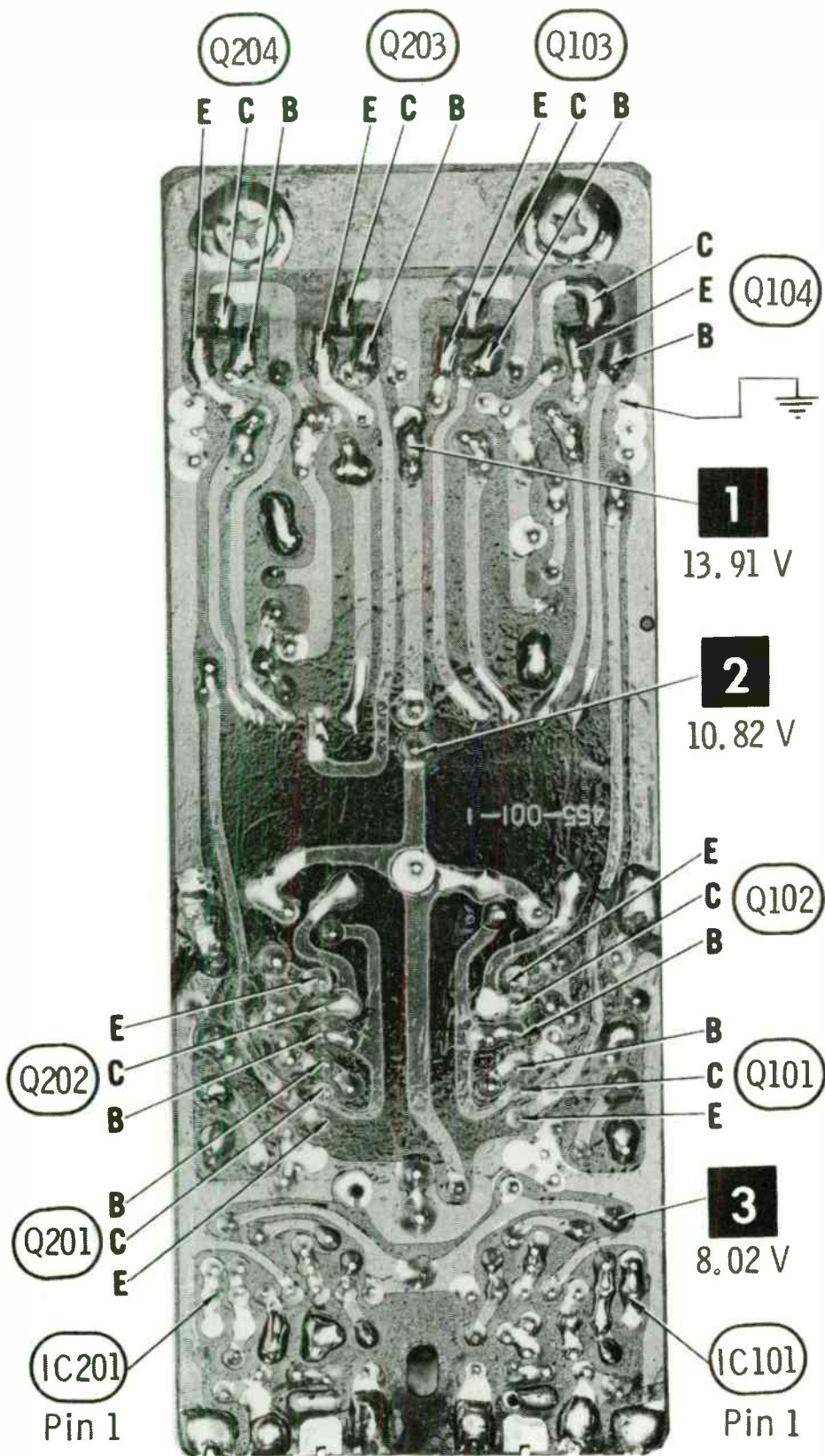
AUDIO BOARD



AUDIO BOARD



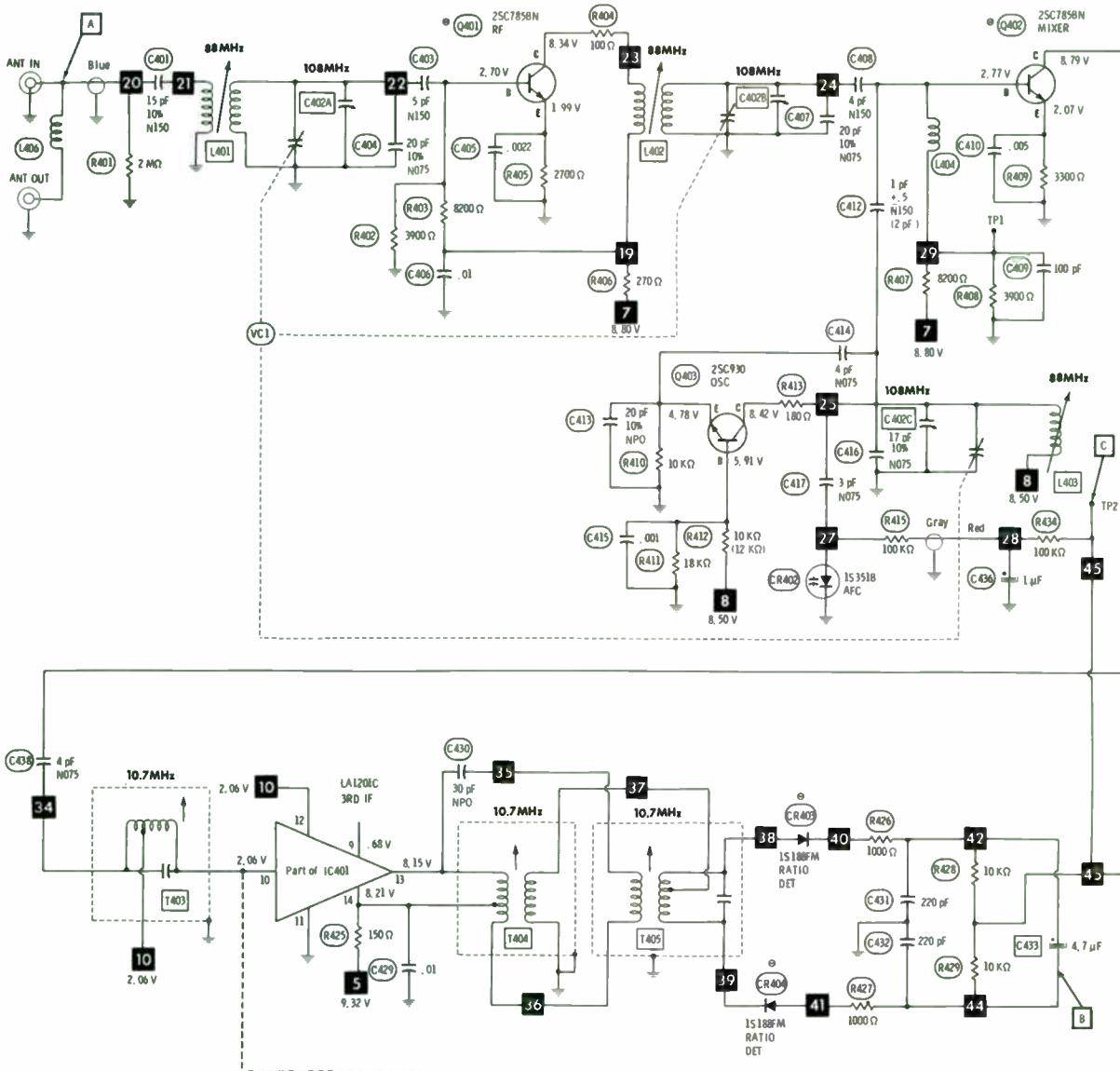
AUDIO BOARD



BOMAN ASTROSONIX MODEL BM-595

AUDIO BOARD

NOTE: DEMAGNETIZE HEADS AFTER SERVICING

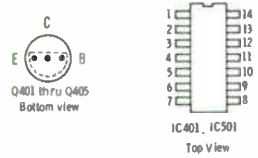


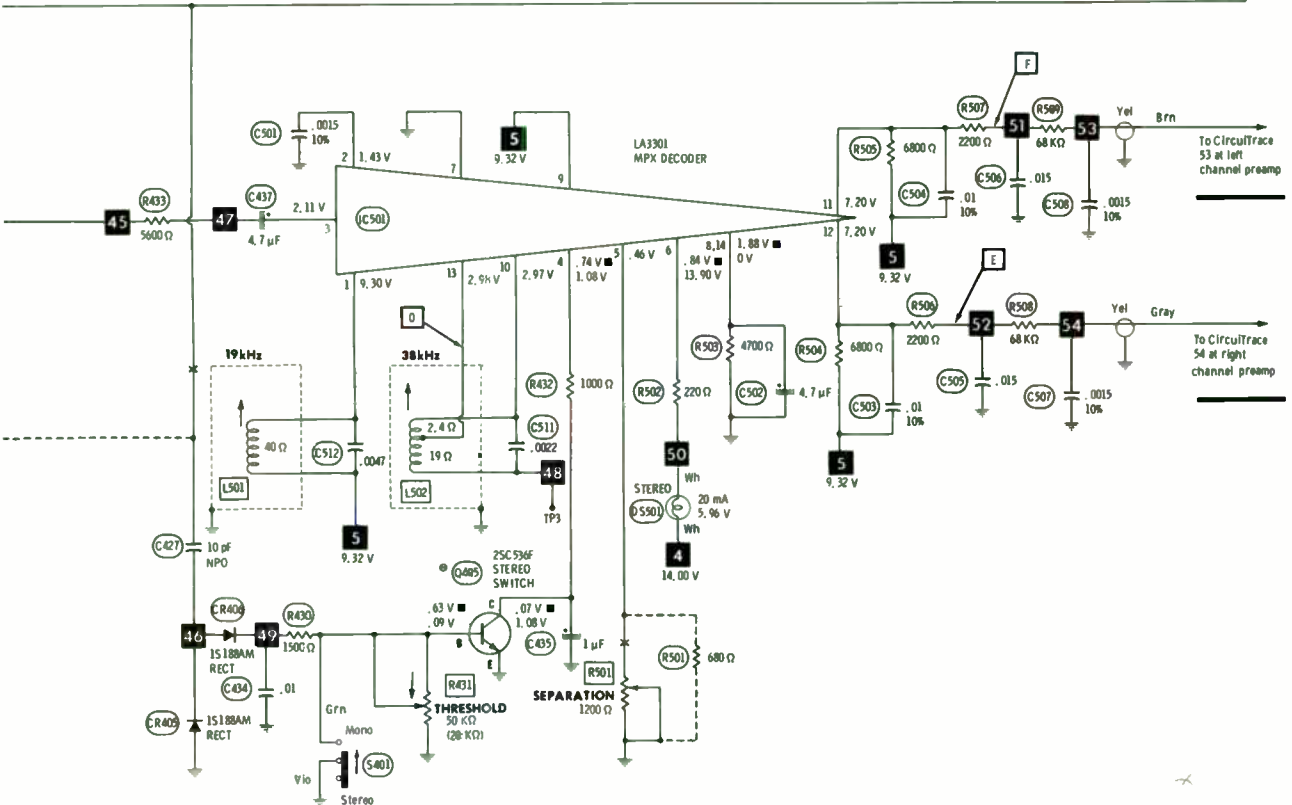
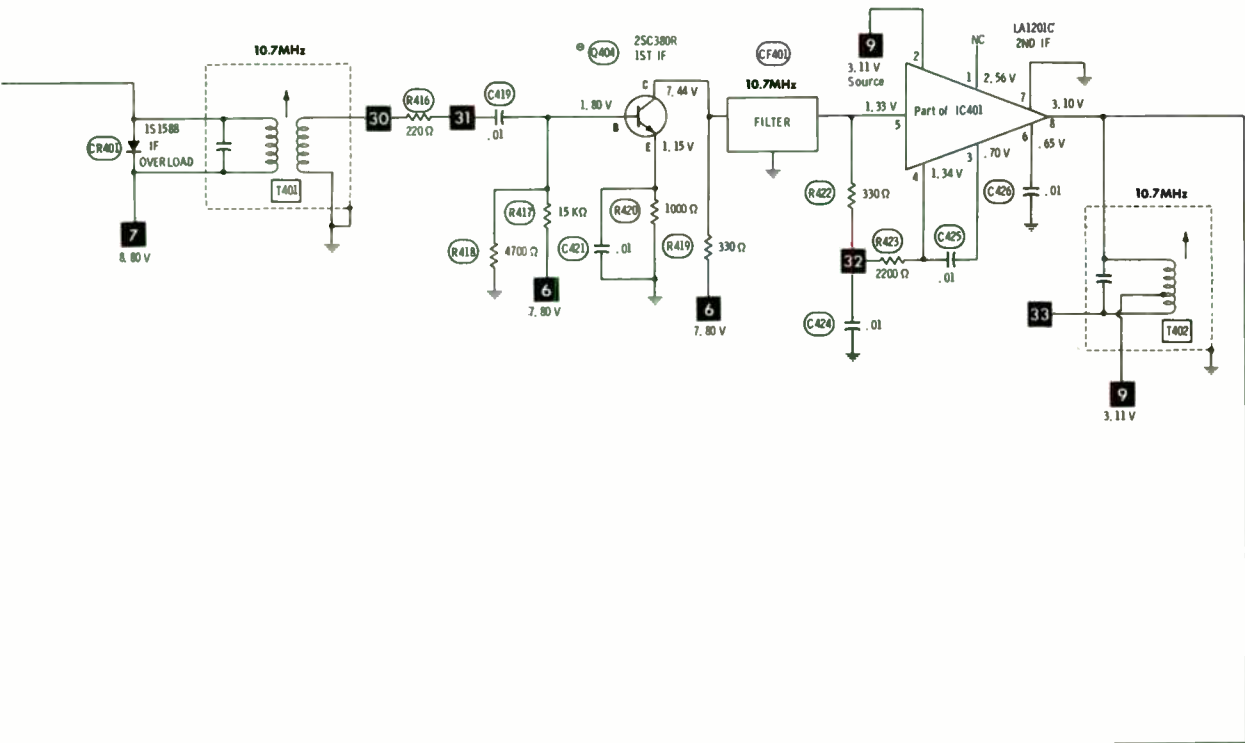
- ✖ Circuitry not used in some versions
- - - Circuitry used in some versions
- ⊙ See ports list
- ⊛ Nominal value
- ⊕ Ground
- ⊞ Chassis
- ▽ Common tie point

Measurements with switching as shown unless noted:
 ■ FM Stereo signal ▲ AM
 ◆ Tape play

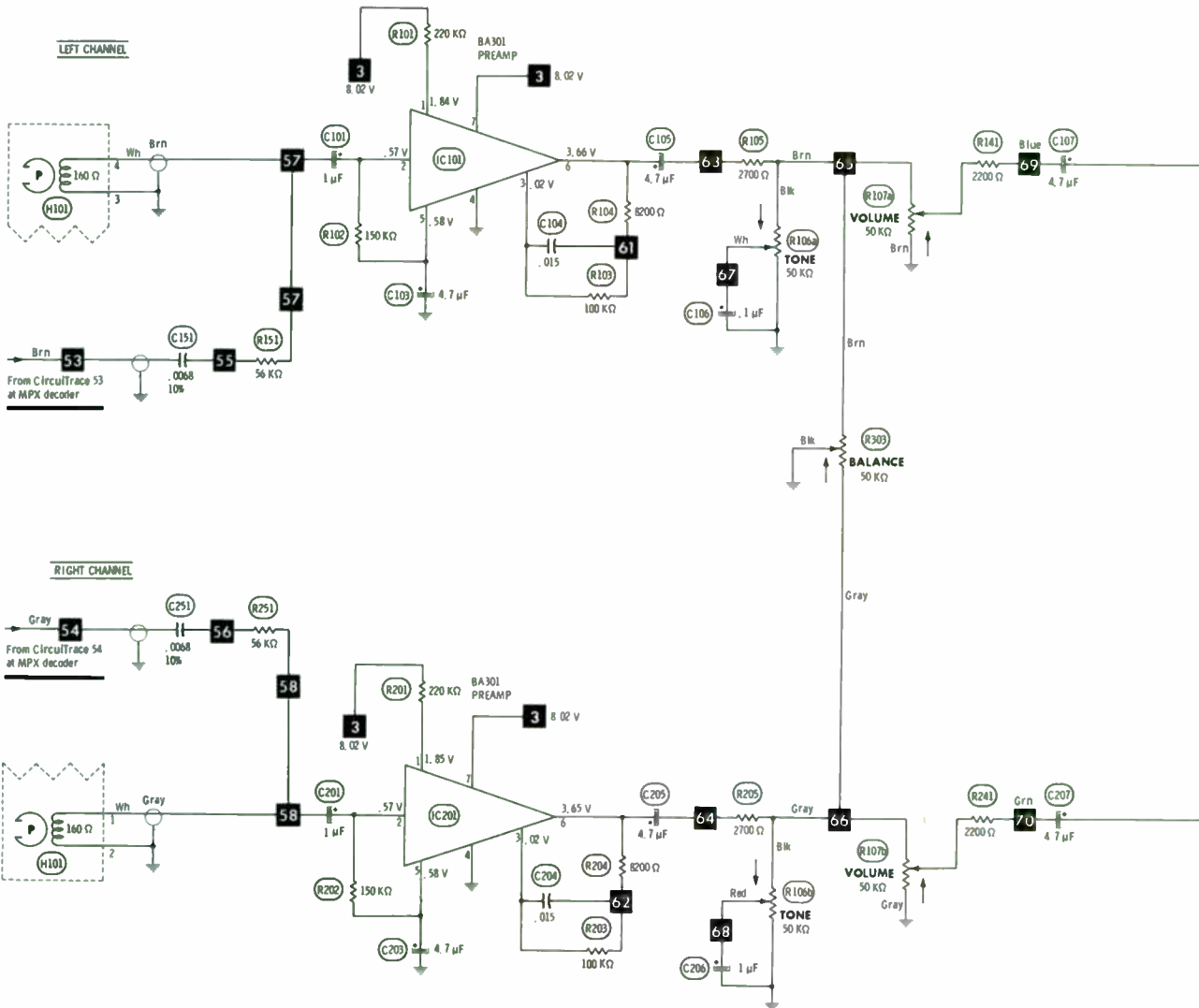
Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow at control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 5% unless noted.
 Value in () used in some versions.

Terminal Guides





NOTE: DEMAGNETIZE HEADS AFTER SERVICING



✖ Circuitry not used in some versions

--- Circuitry used in some versions

⊙ See parts list

⊛ Nominal value

⊕ Ground

⊞ Chassis

⊟ Common tie point

Measurements with switching as shown unless noted.

■ FM Stereo signal ▲ AM

◆ Tape play

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 PHOTOFACIT STANDARD NOTATION SCHEMATIC

WITH **CIRCUITRACE**

© Howard W. Sams & Co., Inc. 1976

Terminal Guides



H101 Rear view



IC101 & IC201 Side view

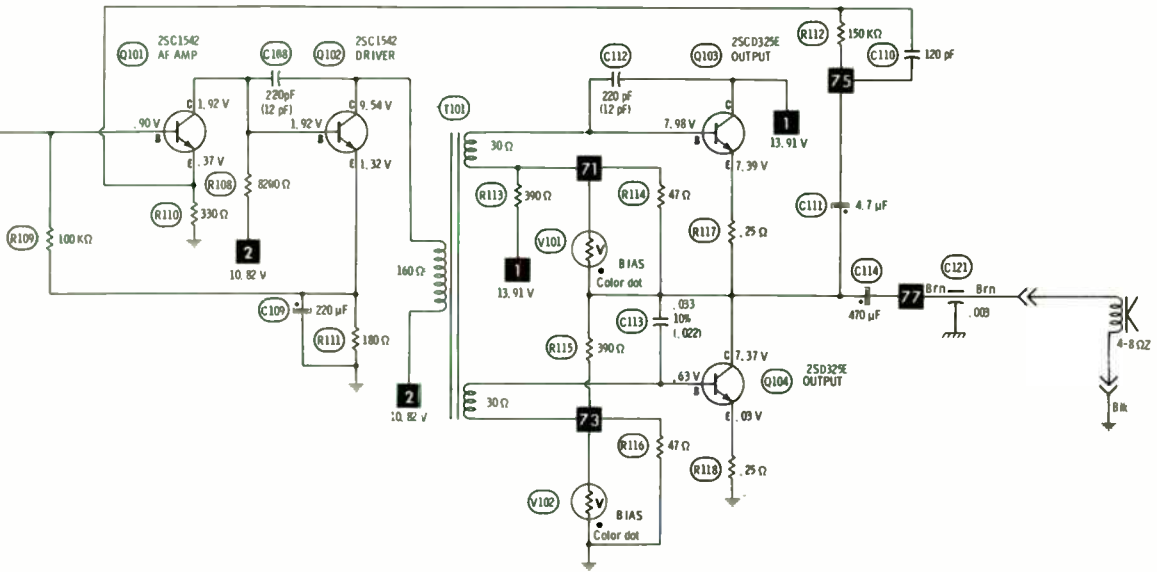


Q101, Q102, Q201, Q202 Bottom view

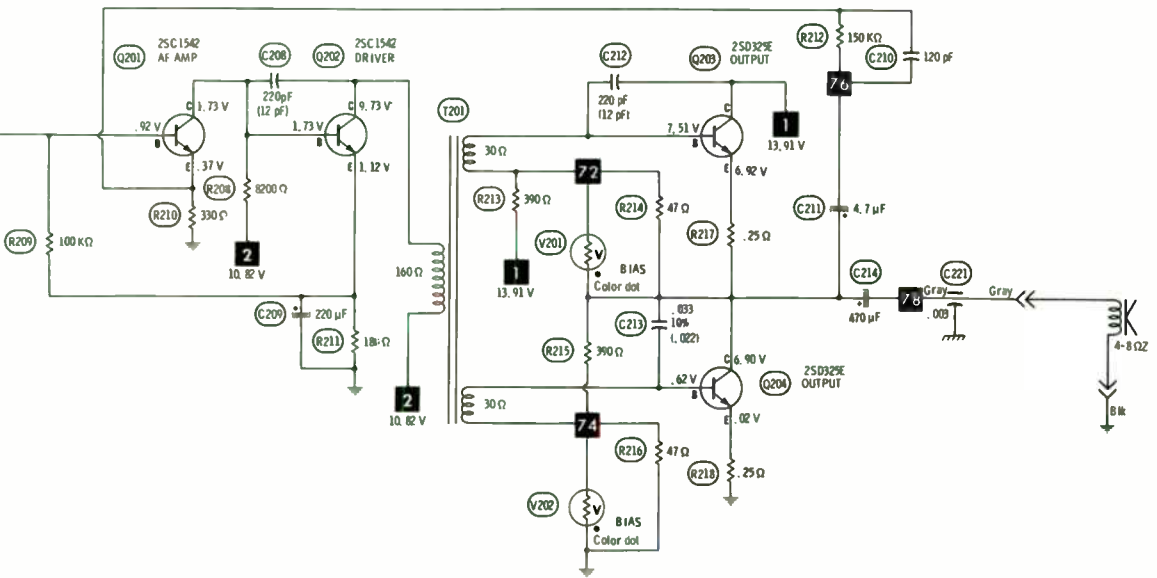


Q103, Q104, Q203, Q204 Side view

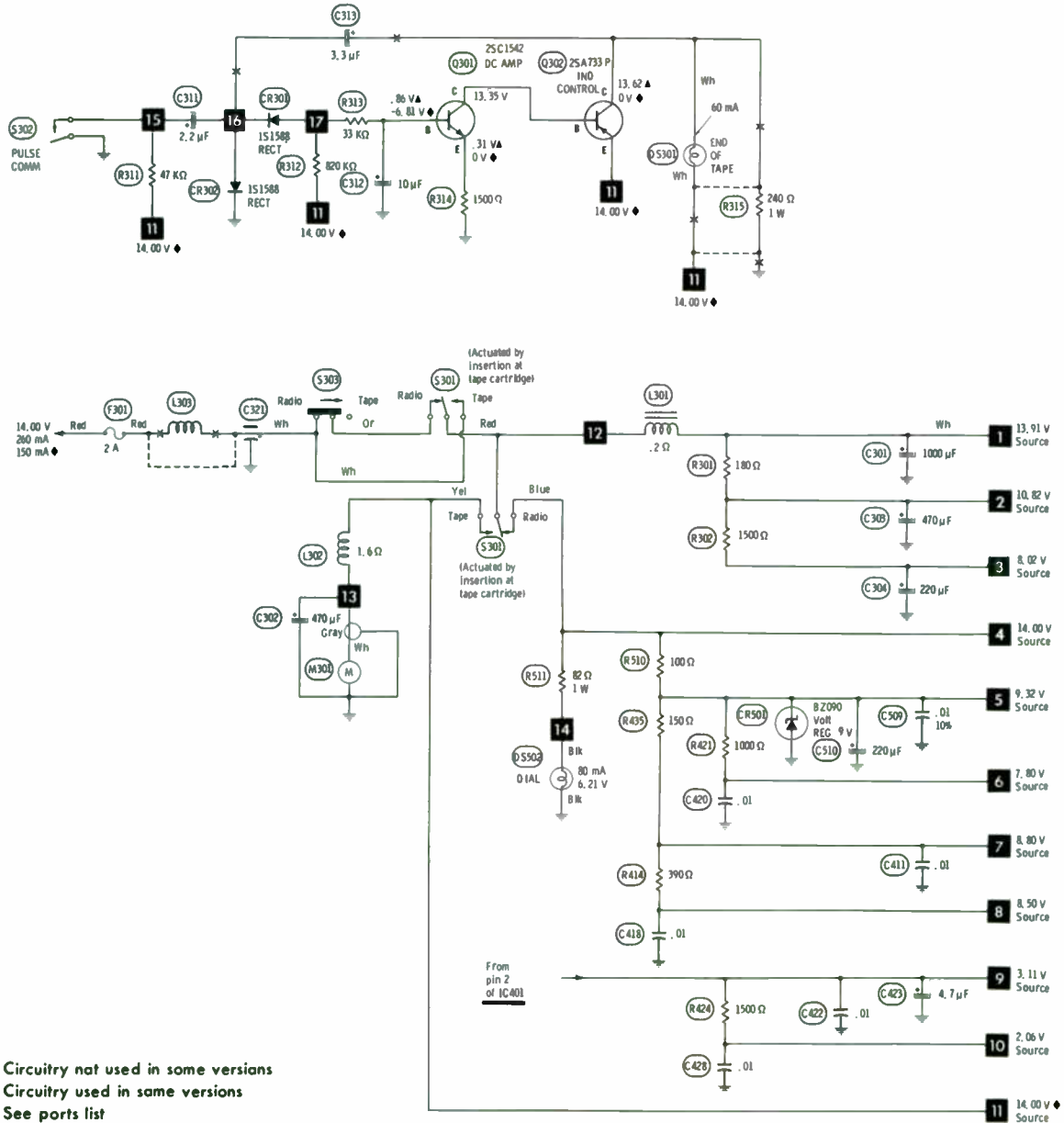
LEFT CHANNEL



RIGHT CHANNEL



NOTE: DEMAGNETIZE HEADS AFTER SERVICING

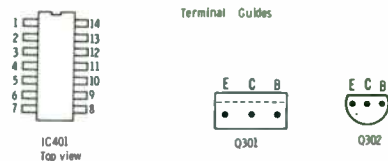


- *— Circuitry not used in some versions
 - - - Circuitry used in some versions
 - ⊙ See ports list
 - ★ Nominal value
 - ⚡ Ground
 - ▣ Chassis
 - ▽ Common tie point
- Measurements with switching as shown unless noted:
- FM Stereo signal ▲ AM
 - ◆ Tape play

Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow of 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 PHOTOFACIT STANDARD NOTATION SCHEMATIC WITH CIRCUITRACE

© Howard W. Sams & Co., Inc. 1976



PARTS LIST AND DESCRIPTION

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.

Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA								
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.	
CR301	1S1588	Zener (9.0 Volt)	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	
CR302	1S1588		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	
CR401	1S1588		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	
CR402	1S351B		GE-90	D201		HEPR2503	RE 195	SK3126	RT-262		
CR403	1S188FM		1N60(7)	1N60 (7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)	
CR404	1S188FM										
CR405	1S188AM			1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	
CR406	1S188AM			1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	
CR501	BZ090		GEZD-9.1		ZB9.1B		RE 114		RT-240	ECG139	
IC101	BA301									ECG1135	
IC201	BA301									ECG1135	
IC401	LA1201C									ECG1003	
IC501	LA3301									ECG1006	
Q101	2SC1542			GE-62	TR-53	PTC139	HEPS0025	RE 13	SK3124	RT-102	ECG123A
Q102	2SC1542			GE-62	TR-53	PTC139	HEPS0025	RE 13	SK3124	RT-102	ECG123A
Q103	2SD325E			GE-66	TR-55	PTC110		RE 21	SK3054	RT-154	ECG152
Q104	2SD325E			GE-66	TR-55	PTC110		RE 21	SK3054	RT-154	ECG152
Q201	2SC1542			GE-62	TR-53	PTC139	HEPS0025	RE 13	SK3124	RT-102	ECG123A
Q202	2SC1542			GE-62	TR-53	PTC139	HEPS0025	RE 13	SK3124	RT-102	ECG123A
Q203	2SD325E			GE-66	TR-55	PTC110		RE 21	SK3054	RT-154	ECG152
Q204	2SD325E			GE-66	TR-55	PTC110		RE 21	SK3054	RT-154	ECG152
Q301	2SC1542			GE-62	TR-53	PTC139	HEPS0025	RE 13	SK3124	RT-102	ECG123A
Q302	2SA733P			GE-22	TR-88	PTC127	HEPS0019	RE 26	SK3114	RT-120	ECG159
	2SA509(1)			GE-21	TR-24	PTC127	HEPS0026	RE 63	SK3118	RT-101	ECG290
Q401	2SC7858N			GE-20	TR-70	PTC121	HEPS0014	RE 9	SK3018	RT-108A	ECG107
	2SC668CD		GE-20	TR-70	PTC121	HEPS0014	RE 9	SK3018	RT-108A	ECG107	
Q402	2SC7858N		GE-20	TR-70	PTC121	HEPS0014	RE 9	SK3018	RT-108A	ECG107	
	2SC668CD		GE-20	TR-70	PTC121	HEPS0014	RE 9	SK3018	RT-108A	ECG107	
Q403	2SC7848N		GE-20	TR-70	PTC121	HEPS0016	RE 9	SK3018	RT-108A	ECG107	
	2SC930CD		GE-20	TR-70	PTC121	HEPS0016	RE 9	SK3018	RT-108A	ECG107	
Q404	2SC380R		GE-211	TR-24	PTC121	HEPS0016	RE 9	SK3018	RT-108A	ECG107	
	2SC930CD		GE-20	TR-70	PTC121	HEPS0016	RE 9	SK3018	RT-108A	ECG107	
Q405	2SC536F,E		GE-20	TR-21	PTC123	HEPS0025	RE 64	SK3124	RT-100	ECG199	
V101	VD1120				PTC301						
V102	VD1120				PTC301						
V201	VD1120				PTC301						
V202	VD1120				PTC301						

(1) Used in some versions.

(6) Matched pair.

(7) Two required - select matched pair.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
C101	1 50V	(1)	PC1-50	VTT1B63	EV-1615	
C103	4.7 25V		PC5-50	VTT4R7A50	EV-1319	
C105	4.7 25V		PC5-50	VTT4R7A50	EV-1319	
C106	.1 35V		PC50-10	TT10X50A	TVA-1129.94	
C107	4.7 25V		PC5-50	VTT4R7A50	EV-1319	
C109	220 10V		PC250-10	VTT220F10	EV-1140	
C111	4.7 25V		PC5-50	VTT4R7A50	EV-1319	
C114	470 10V					
C201	1 50V					
C203	4.7 25V			PC1-50	VTT1B63	EV-1615
C205	4.7 25V			PC5-50	VTT4R7A50	EV-1319
C206	.1 35V			PC50-10	TT10X50A	TVA-1129.94
C207	4.7 25V			PC5-50	VTT4R7A50	EV-1319
C209	220 10V			PC250-10	VTT220F10	EV-1140
C211	4.7 25V			PC5-50	VTT4R7A50	EV-1319
C214	470 10V					
C301	1000 16V					
C302	470 16V					
C303	470 16V			PC500-16	VTT470J16	EV-1250
C304	220 10V					
C311	2.2 25V			PC250-10	VTT220F10	EV-1140
C312	4.7 25V			PC2-100	VTT2R2A50	EV-1317
	10 16V			PC5-50	VTT4R7A50	EV-1319
C313	3.3 25V			PC5-50	VTT3R3A50	EV-1318
C423	4.7 25V			PC5-50	VTT4R7A50	EV-1319
C433	4.7 25V		PC5-50	VTT4R7A50	EV-1319	
C435	1 50V		PC1-50	VTT1B63	EV-1615	
C436	1 50V		PC1-50	VTT1B63	EV-1615	
C437	4.7 25V		PC5-50	VTT4R7A50	EV-1319	
C502	4.7 25V		PC5-50	VTT4R7A50	EV-1319	
C510	220 10V		PC250-10	VTT220F10	EV-1140	

(1) Used in some versions.

BOMAN ASTROSONIX MODEL BM-595

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C104	.015		UK50-153		MAG50115	
C108	220		DD-221		GP322	10TS-T22
C110	120					
C112	.033		UK50-333		MAG50133	
C113	.033		UK50-333		MAG50133	
C121	.003			WMF1D68	EFW1A268	1PB-D68
C151	.0068 10%				MAG50115	
C204	.015		UK50-153		GP322	10TS-T22
C208	220		DD-221			
C210	120					
C212	.033		UK50-333		MAG50133	
C213	.033		UK50-333		MAG50133	
C221	.003			WMF1D68	EFW1A268	1PB-D68
C251	.0068 10%					
C321	.003					
C401	15 N150 10%				*	10TCP-Q15
C402A		(1)				
B		(1)				
C		(1)				
C403	5 N150				*	10TCP-V50
C404	20 N075 10%				*	
C405	.0022		DD-222		GP222	5GA-D22
C406	.1				*	
C407	20 N075 10%				*	10TCP-V47
C408	4 N150				*	10TS-T10
C409	100		DD-101	GP100	GP310	TG-D50
C410	.005		DC-502	MGPO05	TA250	
C411	.01		UK50-103		MAG5011	
C412	1 N150				*	
C413	20 NPO 10%		DTZ-20	NP020	CN0420	10TCC-Q20
C414	4 N075				*	
C415	.001				*	
C416	17 N075 10%				*	
C417	3 N075				*	
C418	.01		UK50-103		MAG5011	
C419	.01		UK50-103		MAG5011	
C420	.01		UK50-103		MAG5011	
C421	.01		UK50-103		MAG5011	
C422	.01		UK50-103		MAG5011	
C424	.01		UK50-103		MAG5011	
C425	.01		UK50-103		MAG5011	
C426	.01		UK50-103		MAG5011	
C427	10 NPO		DTZ-10	NP010	CN0410	10TCC-Q10
C428	.01		UK50-103		MAG5011	
C429	.01		UK50-103		MAG5011	
C430	30 NPO		DTZ-33	NP033	CN0433	10TCC-Q33
C431	220		DD-221		GP322	10TS-T22
C432	220		DD-221		GP322	10TS-T22
C434	.01		UK50-103		MAG5011	
C438	4 N075				*	
C501	.0015 10%		DD-152G		GP215	5GA-D15
C503	.01 10%					
C504	.01 10%					
C505	.015		UK50-153		MAG50115	
C506	.015		UK50-153		MAG50115	
C507	.0015 10%		DD-152G		GP215	5GA-D15
C508	.0015 10%		DD-152G		GP215	5GA-D15
C509	.01 10%					
C511	.0022					
C512	.0047					
VC1						

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.
(1) Part of VC1.

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
R106a	Tone (Left)	50K					
b	Tone (Right)	50K					
R107a	Volume (Left)	50K					
b	Volume (Right)	50K					
R303	Balance	50K					
R431	Threshold	50K	T-50K		C-503	MTC54L1	X201R503B
R5D1	Separation	2DK (6) 12DD (6)					

(6) Alternate part, may be used in some versions.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.

Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFGR. PART No.			WORKMAN PART No.	MFGR. PART No.
V101	VDR		VD1120	V201	VDR		VD1120
V102	VDR		VD1120	V202	VDR		VD1120

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L302	RF Choke (10uH)			70F105A1	
L303	RF Choke				
L401	FM Ant				
L402	FM RF				
L403	FM Osc				
L404	10.7MHz Choke				
L406	AM Ant Chok (1uH)				
L501	19kHz		303 (1)	4602	
L502	38kHz		050367 (1)		
T401	IF (10.7MHz)		050368 (1)		Gray
T402	IF (10.7MHz)		369 (1)		Yellow
T403	IF (10.7MHz)		300 (1)		Orange
T404	Ratio Det (Pri.)		301 (1)		Green
T405	Ratio Det (Sec.)		302 (1)		Gray
			303 (1)		Pink
					Blue

(1) Number on unit.

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.	
L301	100mA	.2	1mH				

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T101	2.6	1	1	020-022 (1)			(1) Number on unit.
T201	2.6	1	1	020-022 (1)			

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	
F301	2A		(1)	AGC-2		312002		FG2-2	

(1) Also contains RF Choke.

BOMAN ASTROSONIX MODEL BM-595

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS[®] for the most up-to-date replacement.

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF401	Filter	SFE-10.7MA (1)	Ceramic, 10.7MHz (White dot) Cassette 4-Track Stereo Play Tape Transport (2700 rpm @ 13.94V) Radio Tape Pulse Commutator Radio Tape Mono/Stereo
H101	Tape Head		
M	Motor		
S301	Switch		
S302	Switch		
S303	Switch		

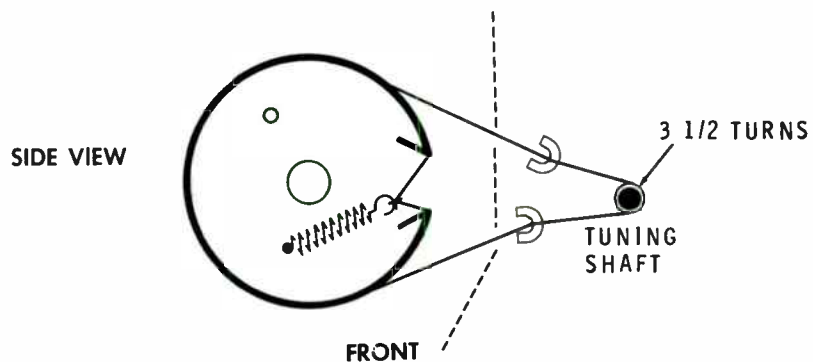
(1) Number on unit.

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Shielded Hook-up Wire	Use BELDEN No. 8885
Rear Seat Speaker Extension Cable	Use BELDEN No. 8782 (Stranded) Coded Parallel Leads
Bonding Strap	Use BELDEN No. 8661 (3/8 In.) or 8670 (3/4 In.)
Ignition Noise Suppression	Use BELDEN No. 7300-Series Spark-Plug Sets

DIAL CORD STRINGING

SET POINTER TO HIGH FREQUENCY END STOP

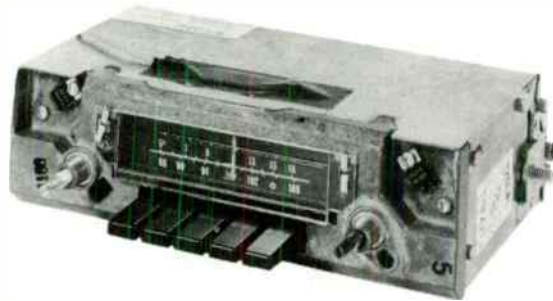




PHOTOFACT[®] with

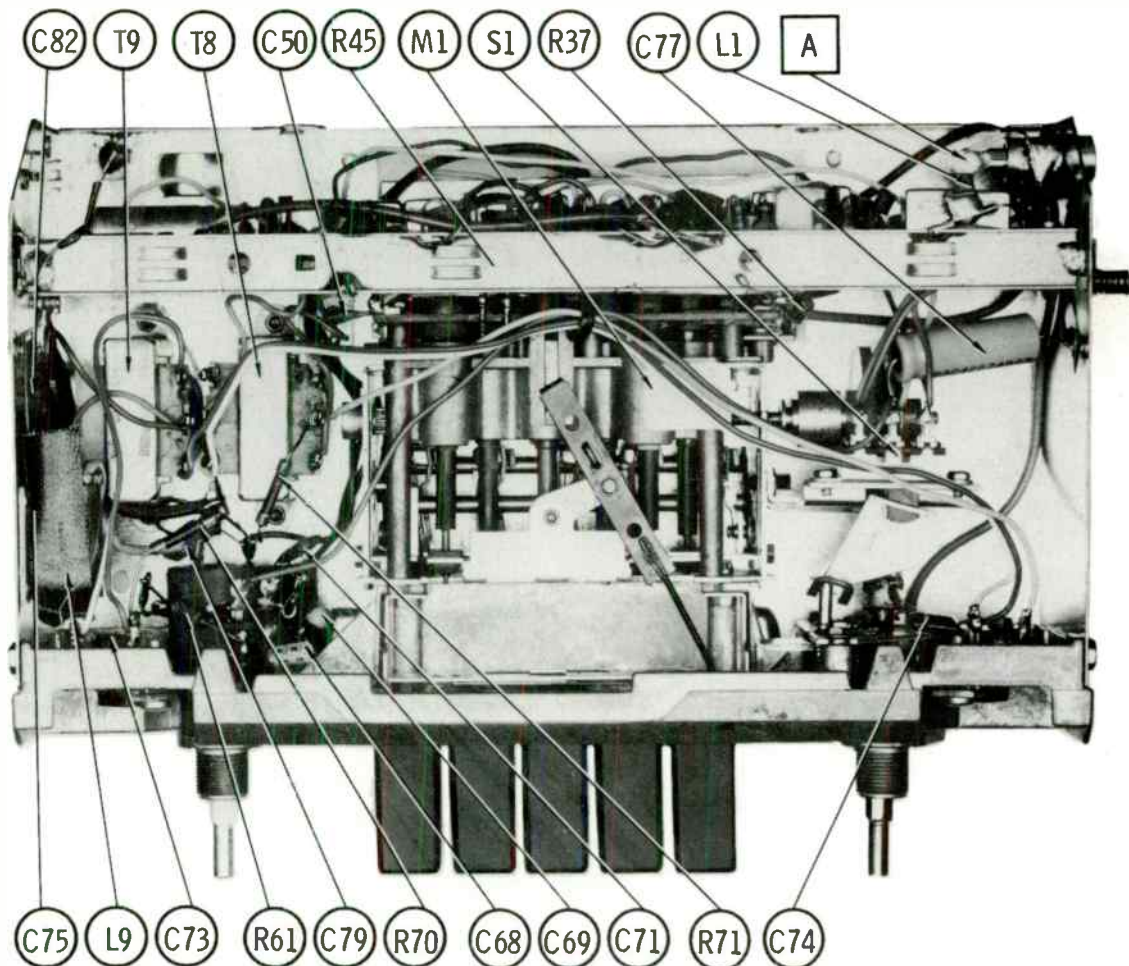
CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index



MODEL 2CH2602 (3501412)
5CH2602 (3501412)
(1976 Demon, Duster
Scamp, Swinger, Valiant)

MODEL 5CH2602



DODGE/PLYMOUTH MODELS 2CH2602, 5CH2602

CHASSIS-TOP VIEW

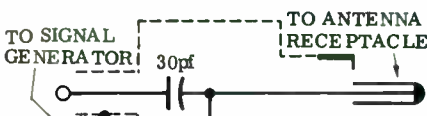
HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206

© 1976 Howard W. Sams & Co., Inc.

Printed in U. S. of America

6AK952

ALIGNMENT INSTRUCTIONS

Check for specified source voltage. Use only enough generator output to provide a usable indication. Suggested Alignment Tools:				PUSH-BUTTON ADJUSTMENT 1. Pull button out. 2. Tune manually to desired station. 3. Press button in firmly. 4. Repeat for remaining buttons.	
GC ELECTRONICS T1 thru T7.....9296, 9297, 9300 C4, C10, C20, C44, C48, C55.....8290, 8868, 9087					
GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
High side thru .1uF to point A low side to ground.	262kHz 400-Hz mod.	High freq. end stop.	Output meter across voice coil.	T7, T6, T5, T4	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	"	C55, C48, C44	"
Tuner alignment is not necessary unless associated components have been disturbed. If necessary, back tuning cores L6, L7, L8 out of coils but not out of forms. Repeat step 2.					
Thru dummy antenna to antenna input.	1000kHz	Tune to signal	Output meter across voice coil.	L8, L7, L6	Adjust for maximum. Repeat alignment until no further improvement is noted.
With radio installed in car and antenna extended 33", tune in a weak station near 1400kHz and adjust C44 for maximum output. Antenna adjustment C44 is located behind tuning & dummy knobs.					

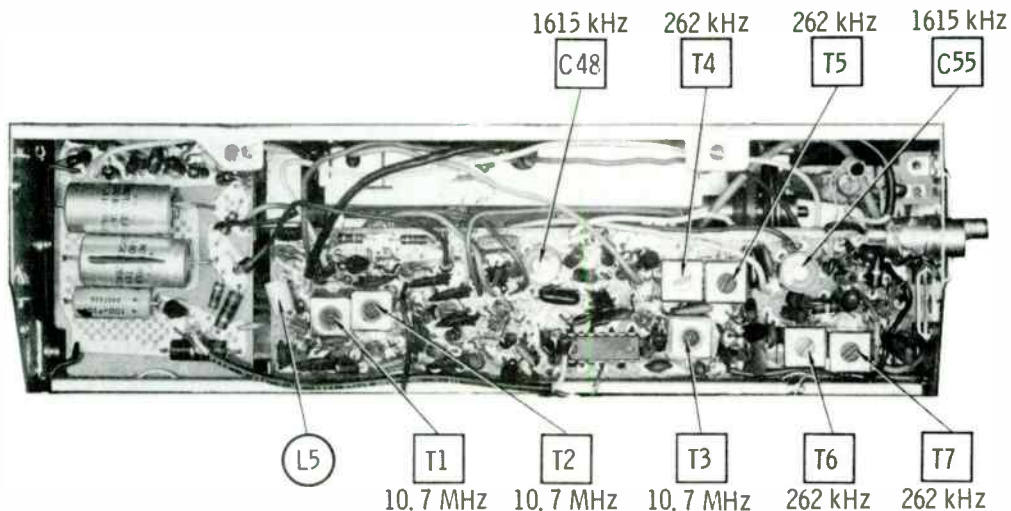
FM IF ALIGNMENT USING AM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001uF to point A,		low side to ground.			
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS	
10.7MHz Unmodulated	Point of non-interference	DC probe of VTVM to point B common to ground.	(1) T3, T2, T1	Adjust for maximum.	

FM RF ALIGNMENT—SELECTOR IN FM POSITION

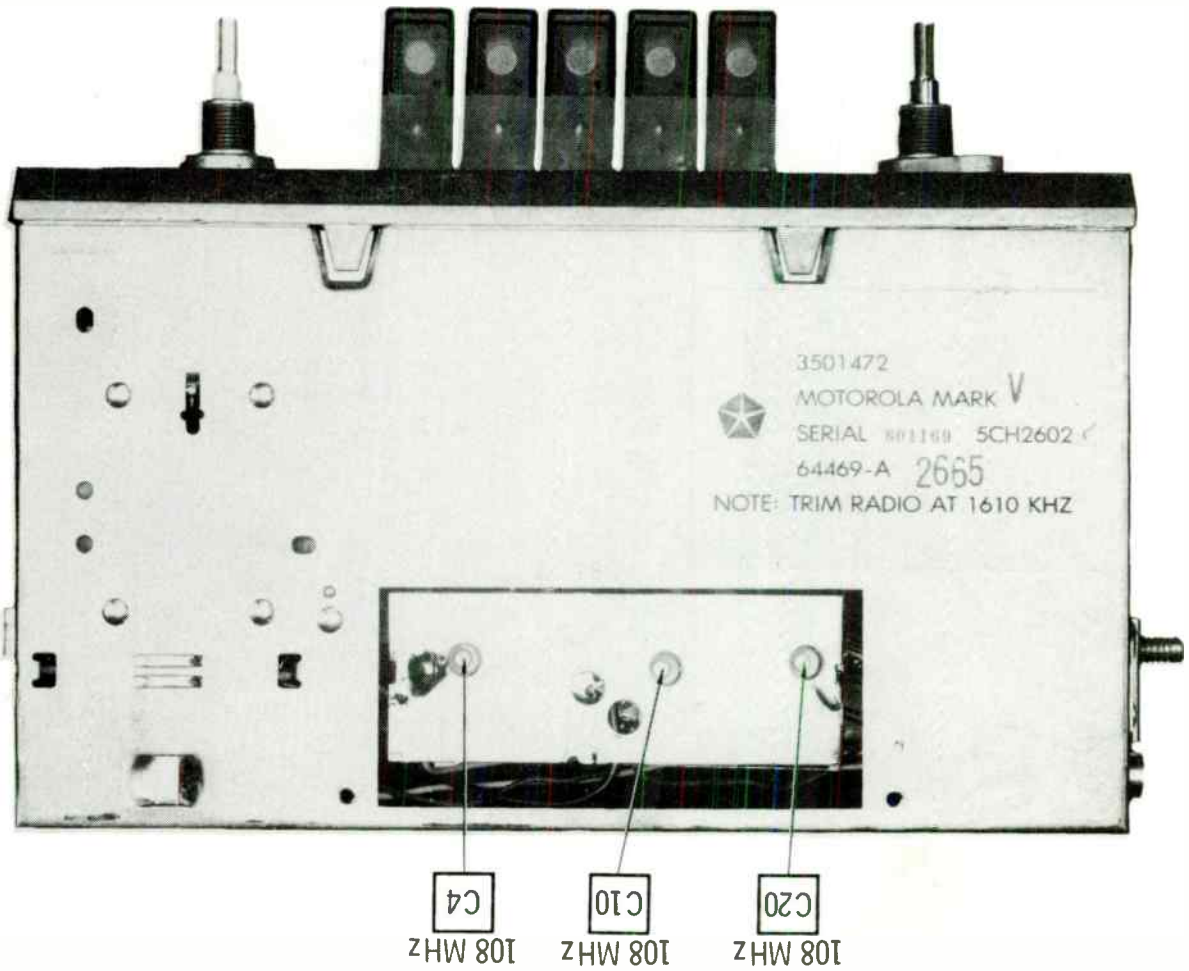
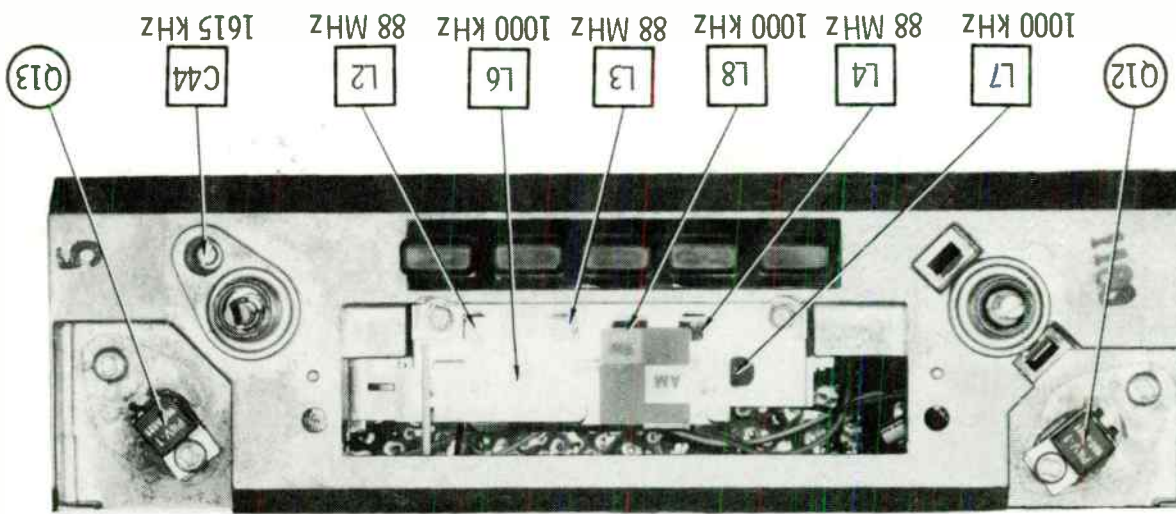
Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead. Adjustment of coils by bending should not be attempted unless the coil is deformed or replaced.					
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS	
88MHz Unmodulated	Low freq end	DC probe of VTVM to point B common to ground.	L3, L4, L2	Adjust for maximum.	
108MHz Unmodulated	Tune to signal	"	C20, C10, C4	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.	

(1) Before adjusting, vary generator frequency slightly. Maximum output indicates exact IF.

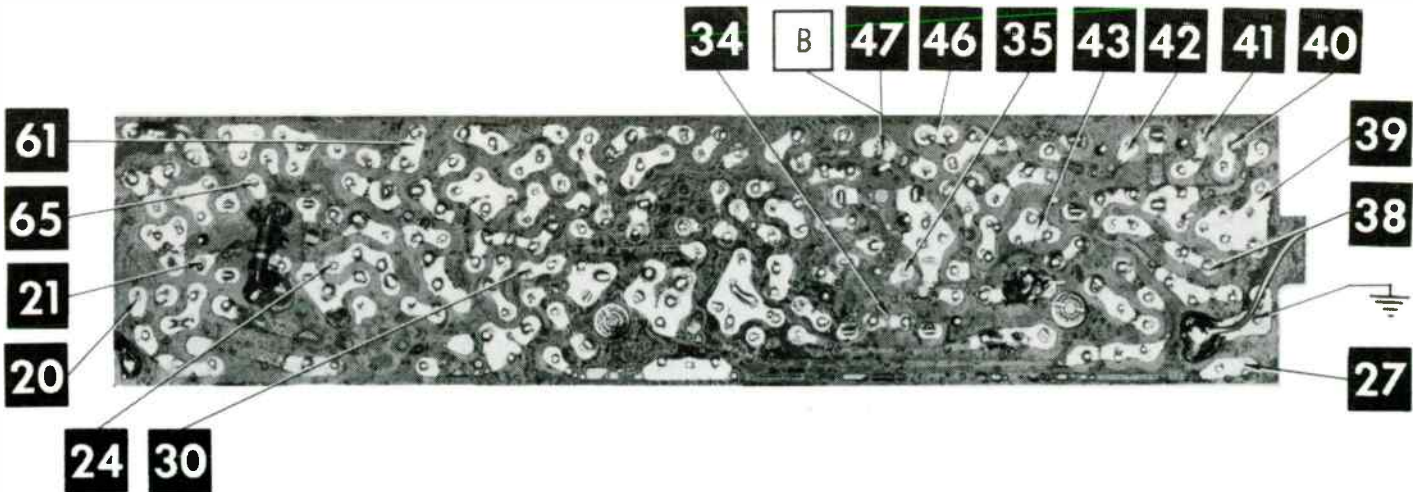
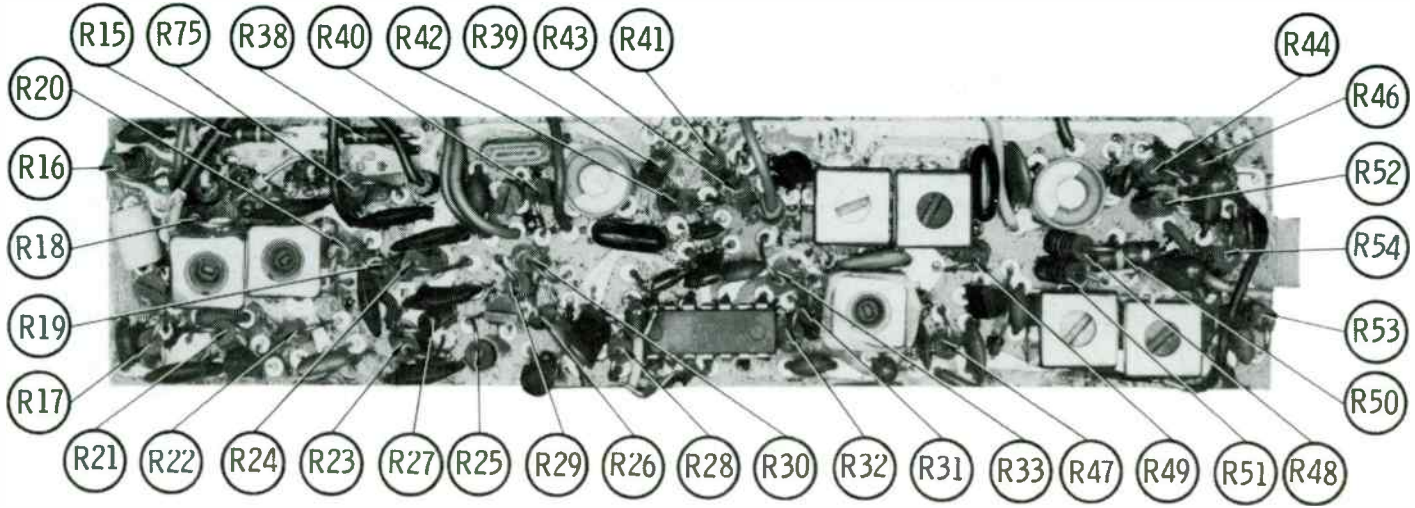


CHASSIS-REAR VIEW

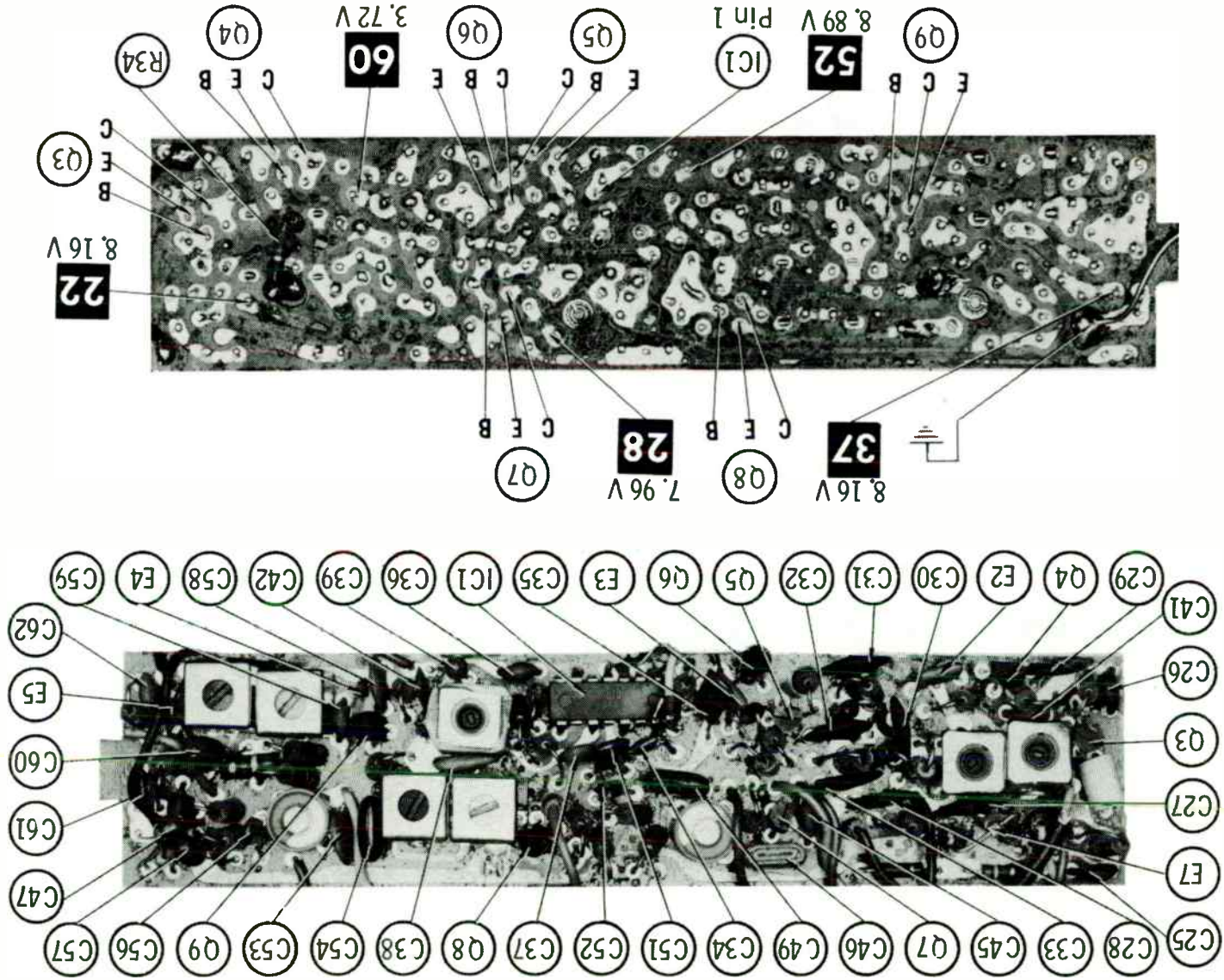
CHASSIS

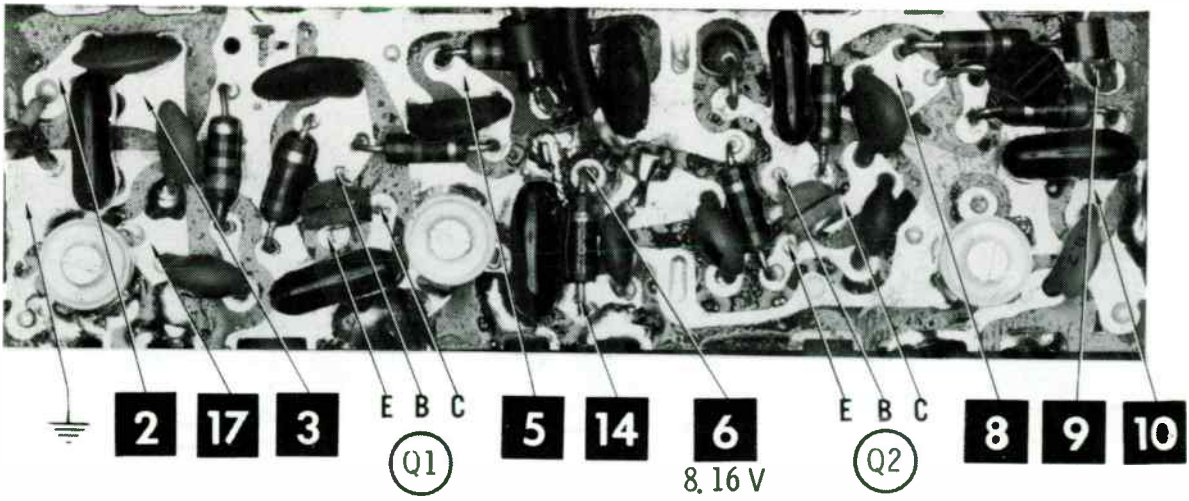
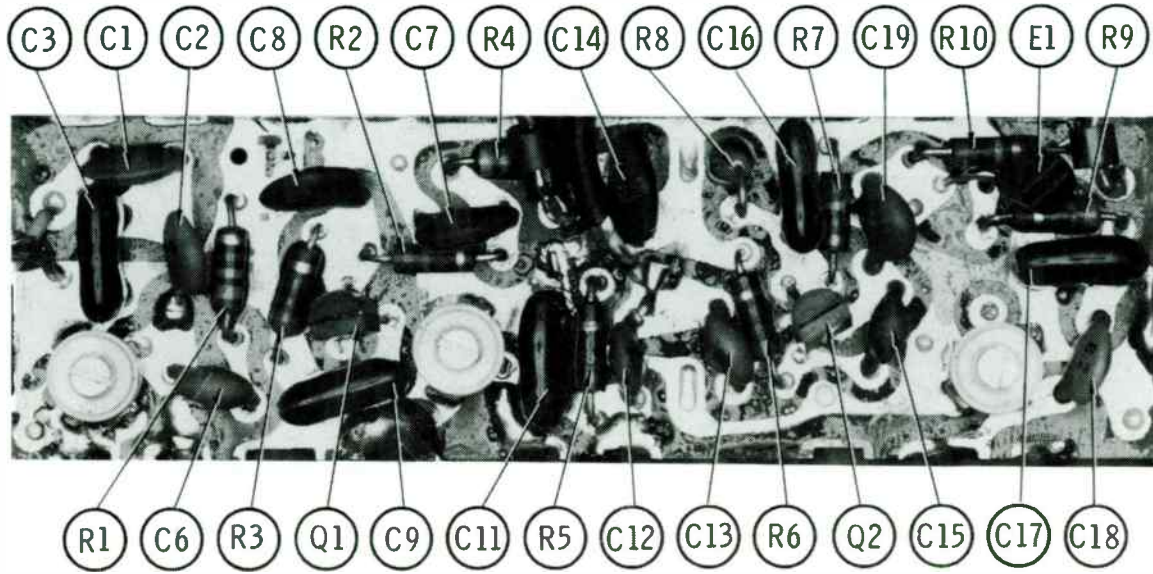


DODGE/PLYMOUTH MODELS 2CH2602, 5CH2602



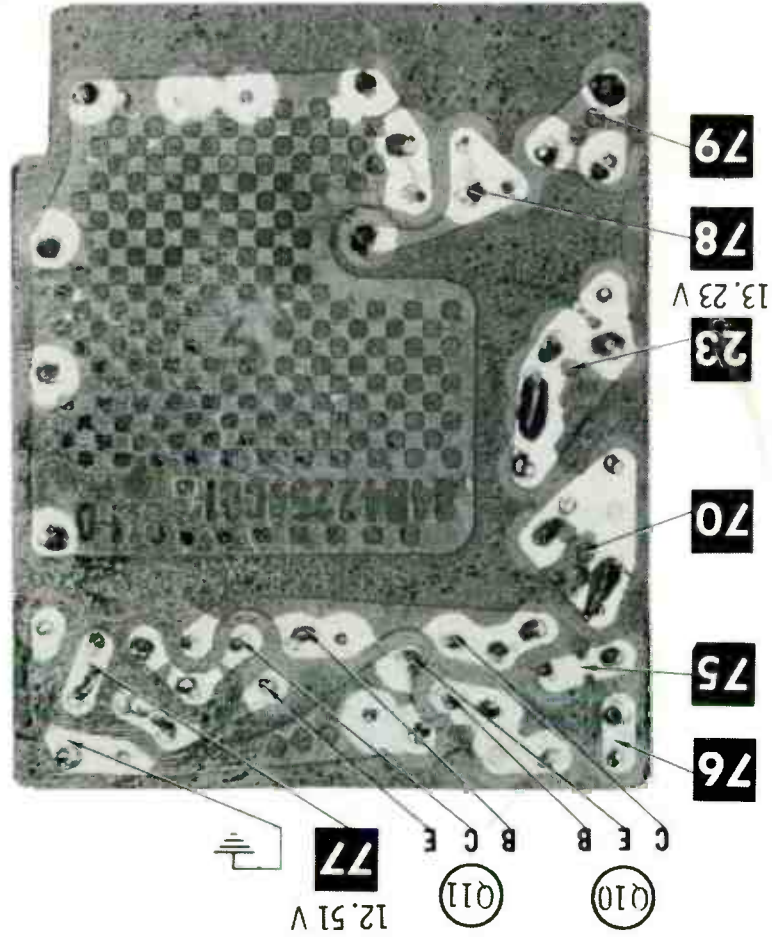
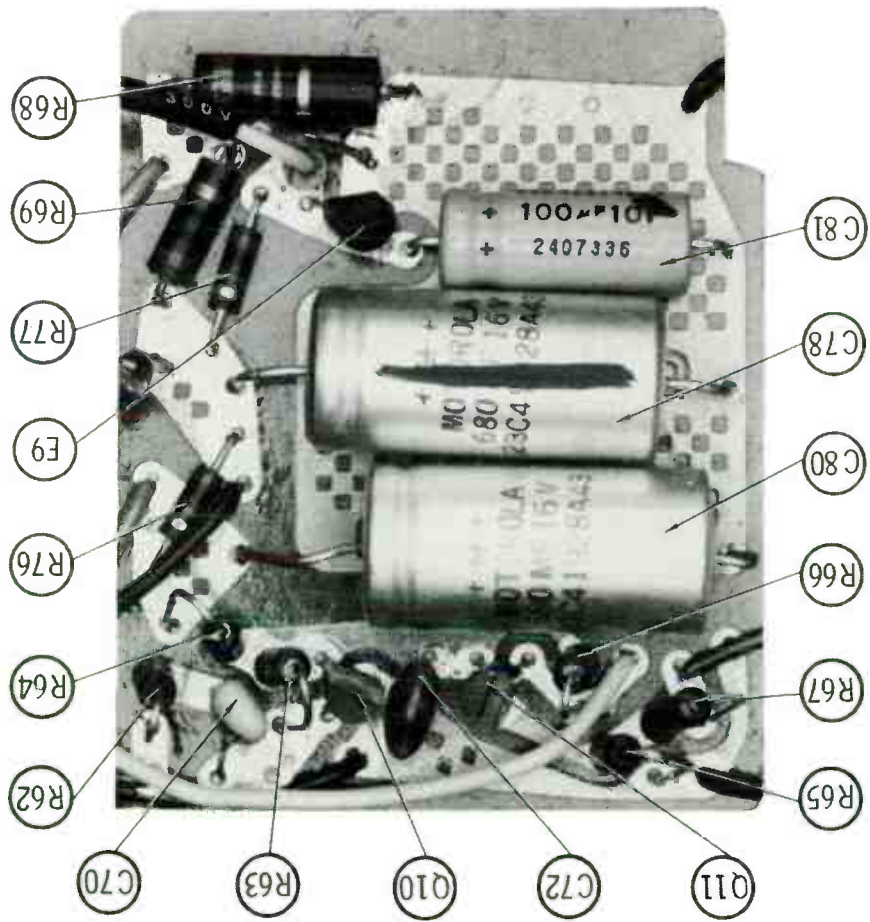
AM-FM IF BOARD



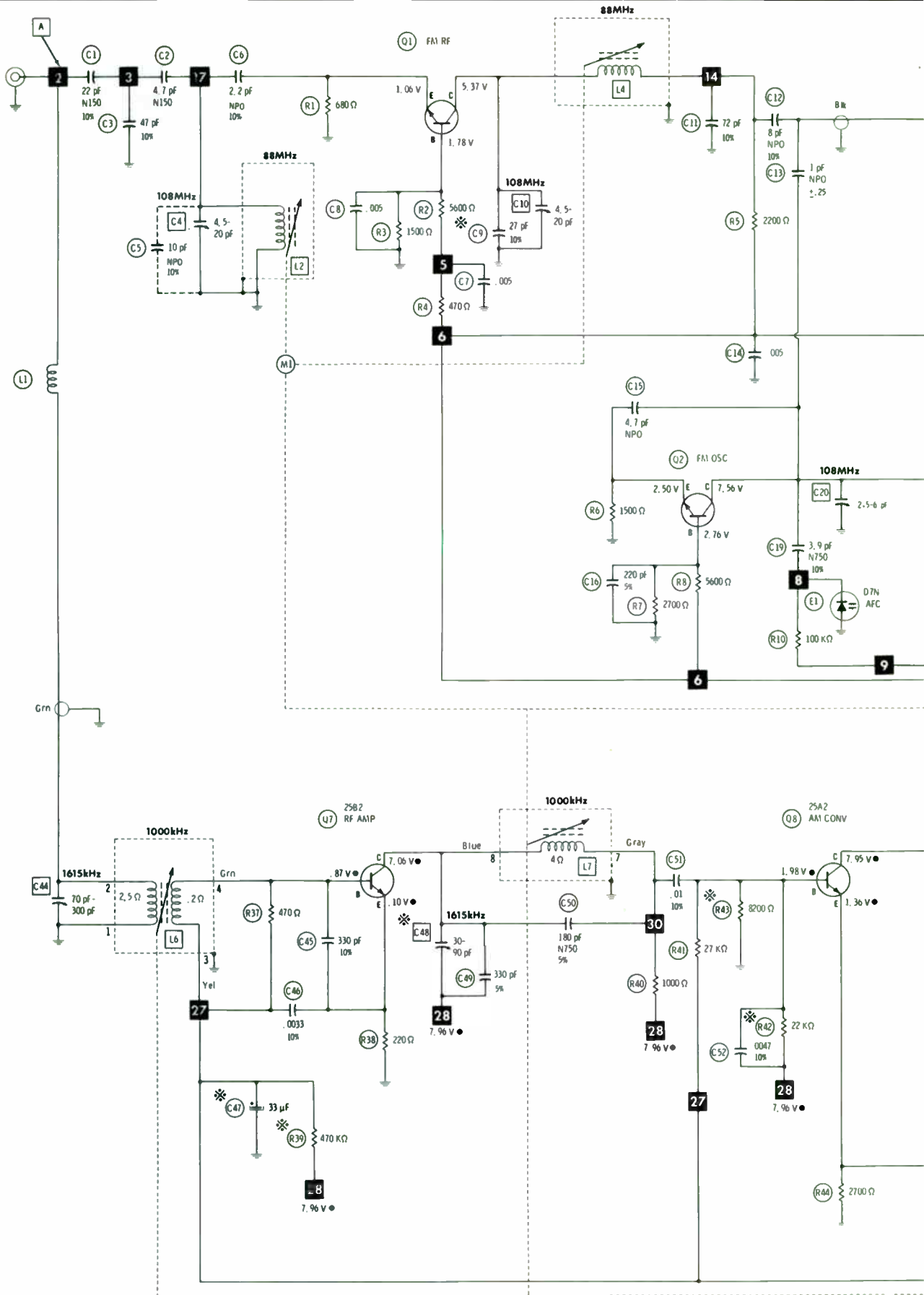


FM TUNER BOARD

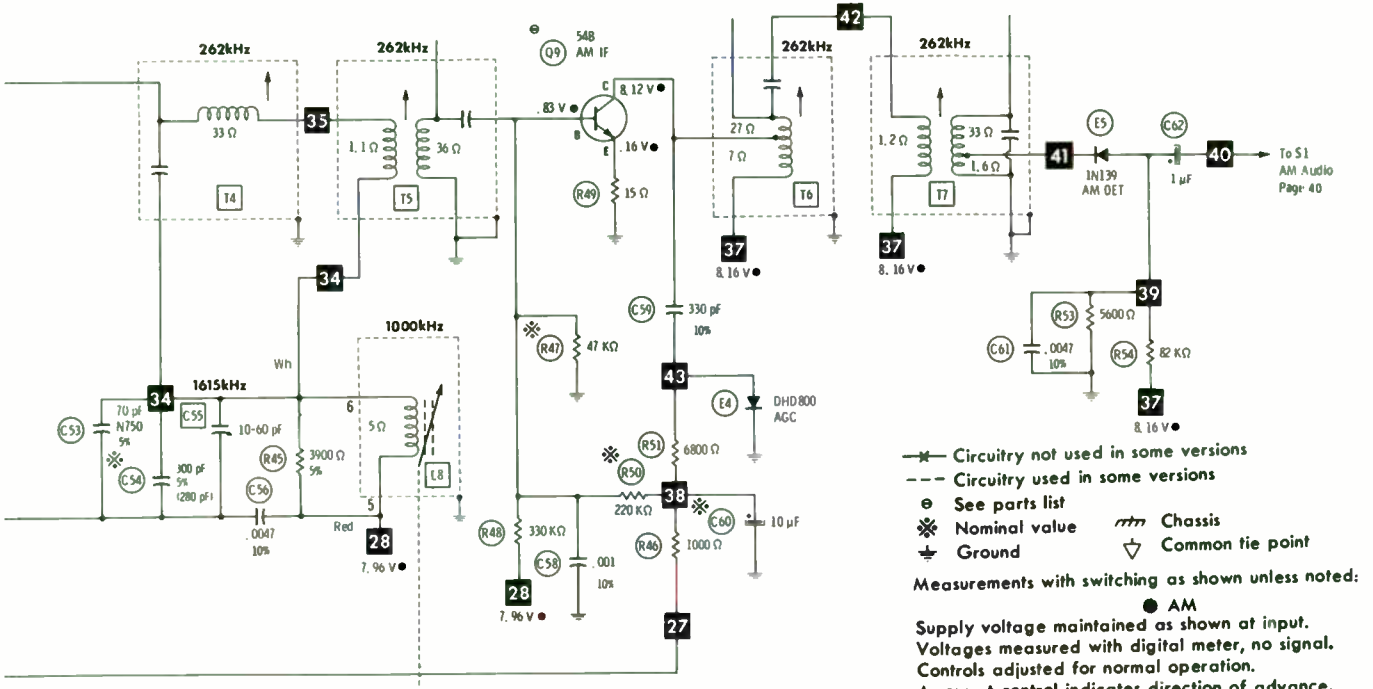
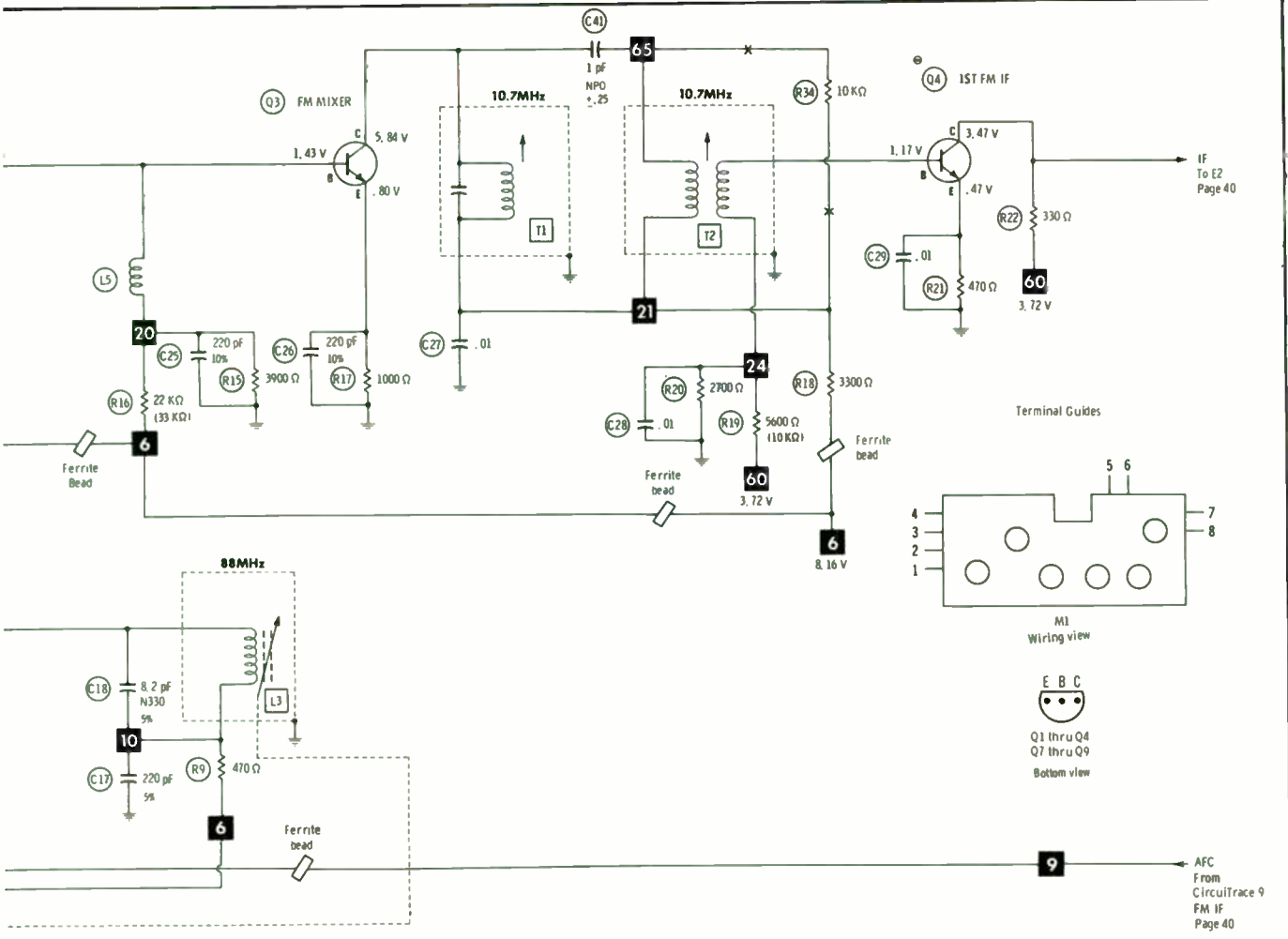
A Howard W. Sams CIRCUITRACE® Photo



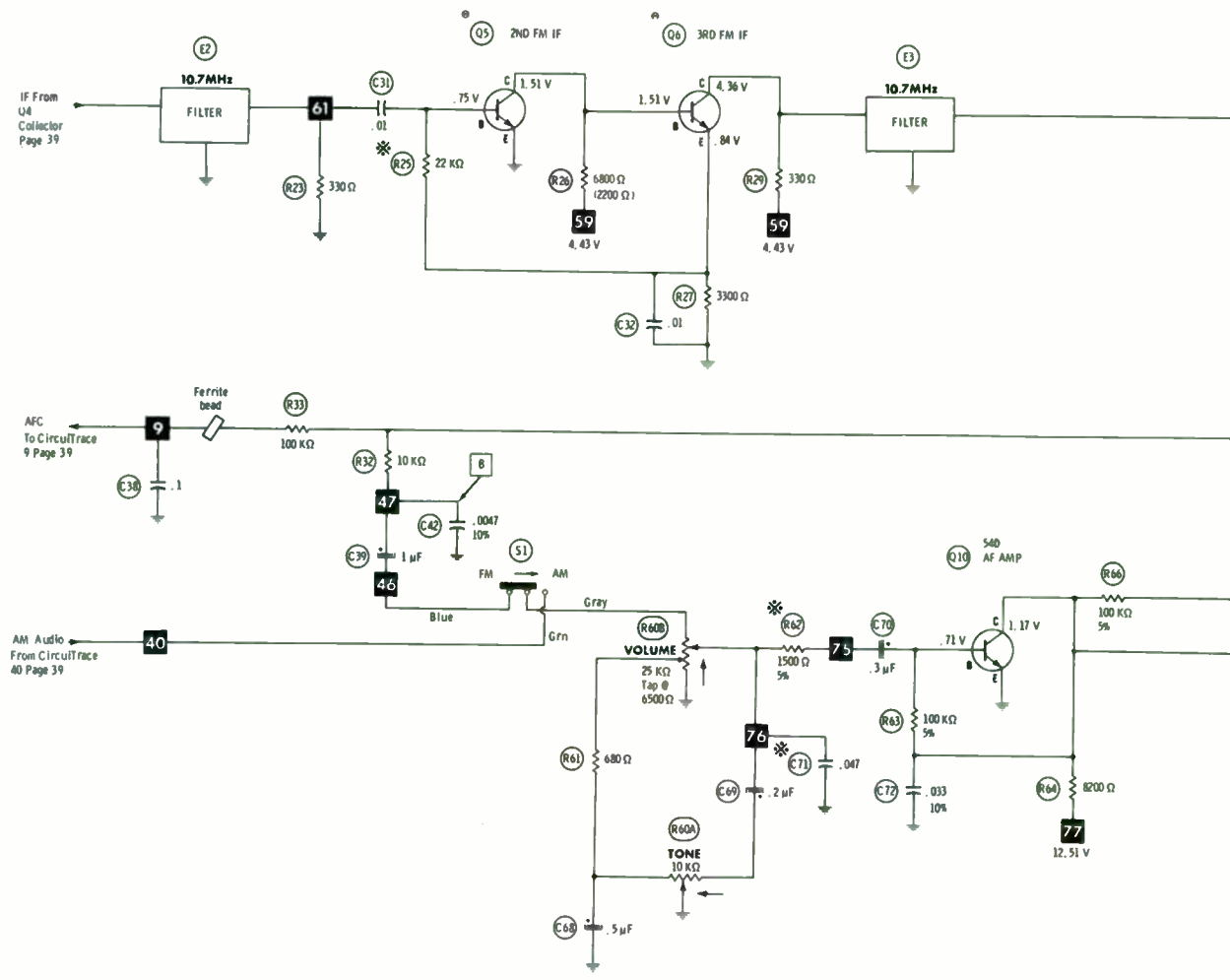
AUDIO BOARD



A PHOTOFAC STANDARD NOTATION SCHEMATIC
 WITH **CIRCUITRACE**
 © Howard W. Sams & Co., Inc. 1976



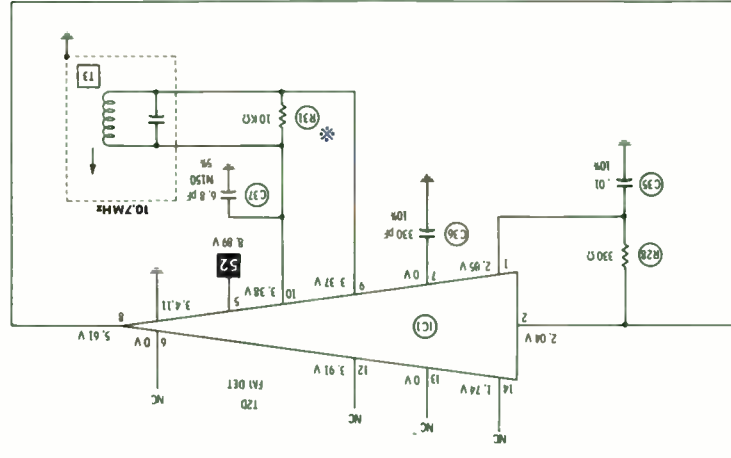
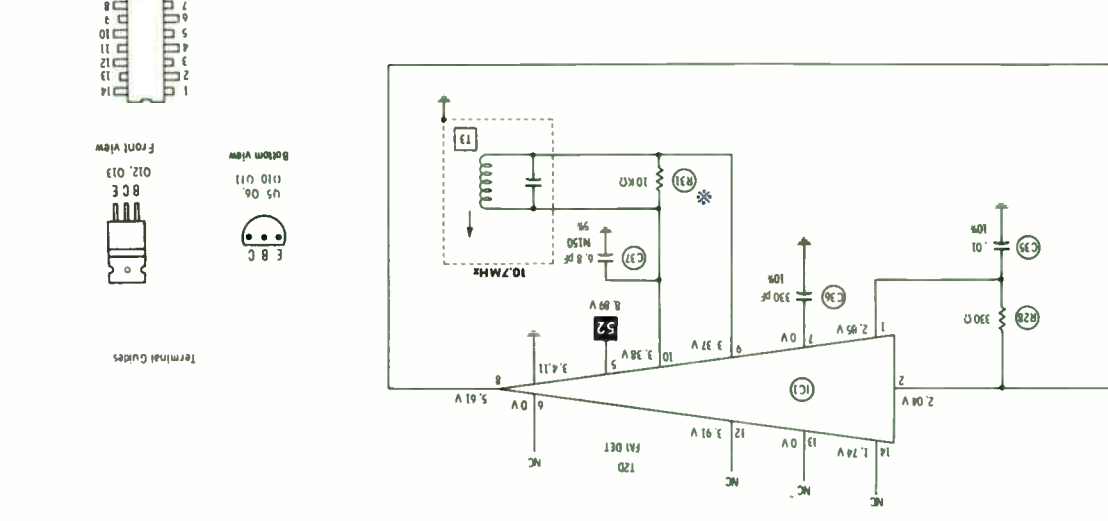
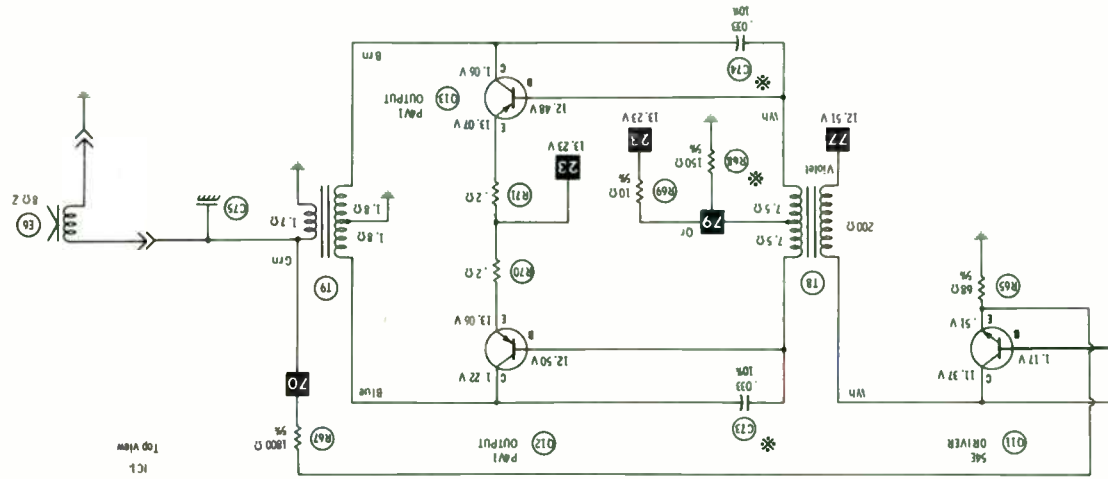
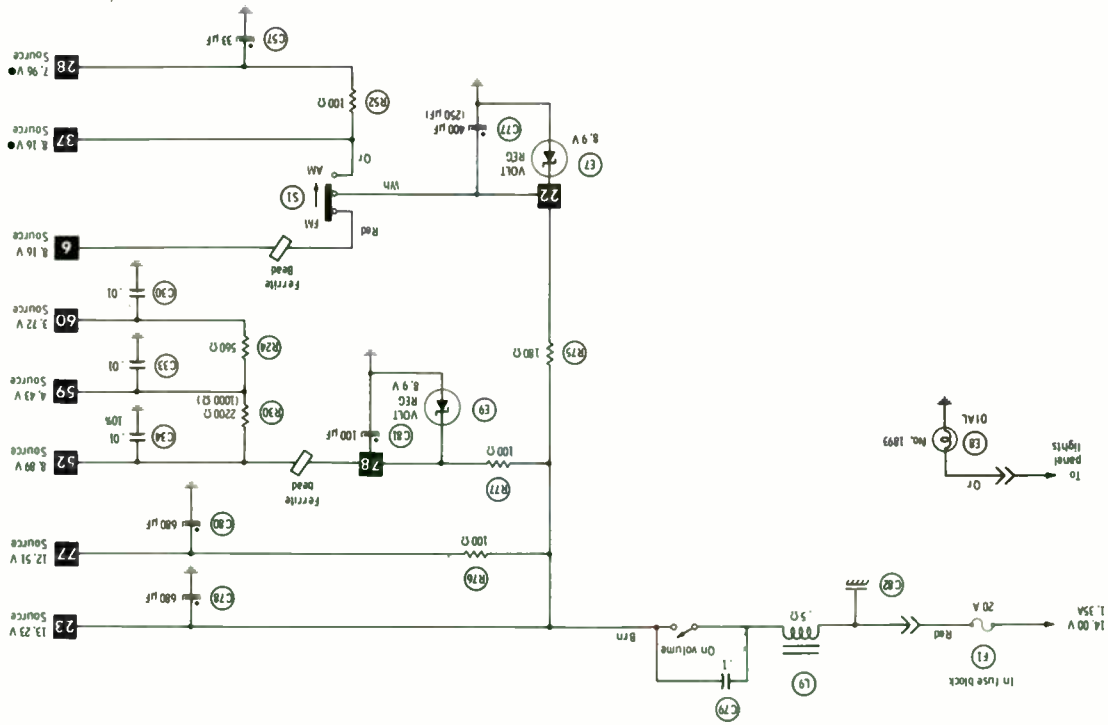
- Circuitry not used in some versions
 - - - Circuitry used in some versions
 - ⊙ See parts list
 - * Nominal value
 - ⊥ Ground
 - ▭ Chassis
 - ▽ Common tie point
- Measurements with switching as shown unless noted:
- AM
- Supply voltage maintained as shown at input.
 Voltages measured with digital meter, 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, 10% unless noted.
 Value in () used in some versions.



- * Circuitry not used in some versions
 - Circuitry used in some versions
 - ⊙ See ports list
 - * Nominal value
 - ⊕ Ground
 - ⌞ Chassis
 - ▽ Common tie point
- Measurements with switching as shown unless noted:
● AM

Supply voltage maintained as shown of input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow of control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 10% unless noted.
 Value in () used in some versions.

A PHOTOFAC STANDARD NOTATION SCHEMATIC
 WITH CIRCUITRACE



PARTS LIST AND DESCRIPTION

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS[®] for the most up-to-date replacement.

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA										
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.			
E1	D7N	48-137487	GE-90	D201									
E4	DHD800	48-134816	GE-300	D200									
E5	1N139	48-137495	1N60	1N60	PTC214		HEPR2503	RE 195	SK3126	RT-262			
E7		48-41763C01	GEZD-9.1	Z1209	PTC206		HEPR9135	RE 52	SK3100	RT-218		ECG177	
E9		48-41763C01	GEZD-9.1	Z1209			HEPZ0412	RE 47	SK3088	RT-263		ECG109	
IC1	T2D	51-10594A01	GEIC-15	Z1209	ZB9.1A		HEPZ0412	RE 114	SK3060	RT-240		ECG139	
Q1		48-134825	GE-17	TR-21	ZB9.1A		HEPZ0412	RE 114	SK3060	RT-240		ECG139	
Q2		48-134857	GE-17	TR-95	PTC723		HEPS6106P		SK3135	TVCM-16		ECG723	
Q3		48-134825	GE-17	TR-21	PTC136		HEPS0033	RE 9	SK3018	RT-108A		ECG107	
Q4		48-134857	GE-17	TR-21	PTC136		HEPS0020	RE 10	SK3018	RT-113		ECG108	
Q5	25B2	48-137351(1)	GE-20	TR-21	PTC136		HEPS0033	RE 9	SK3018	RT-108A		ECG107	
Q6	25B2	48-134825	GE-17	TR-21	PTC136		HEPS0020	RE 10	SK3018	RT-113		ECG108	
Q7	25B2	48-137351(1)	GE-20	TR-21	PTC136		HEPS0025	RE 10	SK3018	RT-107		ECG229	
Q8	25A2	48-137351	GE-20	TR-21	PTC136		HEPS0025	RE 9	SK3018	RT-108A		ECG107	
Q9	54B	48-134809	GE-20	TR-21	PTC136		HEPS0025	RE 10	SK3018	RT-107		ECG229	
Q10	54D	48-134810(10)	GE-20	TR-21	PTC136		HEPS0015	RE 13	SK3018	RT-107		ECG229	
Q11	54E	48-134811	GE-20	TR-24	PTC136		HEPS0015	RE 10	SK3018	RT-113		ECG108	
Q12	P4V-1	48-137501(8)	GE-69	TR-77	PTC178		HEPS0015	RE 10	SK3018	RT-107		ECG229	
Q13	P4V-1	48-137501(8)	GE-69	TR-77	PTC166		HEPS0015	RE 13	SK3018	RT-107		ECG123A	
					PTC166			RE 13	SK3124	RT-172		ECG123A	
								RT-192	SK3137	RT-108A		ECG287	
									SK3189	RT-196			
									SK3189	RT-196			

(1) Used in some versions.

(8) Half of matched pair. (Q12 and Q13)

(10) MFR suggest use of this part number when replacing original component.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA			
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C39	1 15V	23-43280A17		TDC105M035EL	SD35-19
C47	33 10V	23-42582B01		TDC336M10FL	SD10-339
C57	33 10V	23-42582B01		TDC336M10FL	SD10-339
C60	10 20V	23-42582B02		TDC106M025FL	SD25-109
C62	1 15V	23-43280A17		TDC105M035EL	SD35-19
C68	.5 15V	23-43280A25		TDC474M050EL	SD50-R479
C69	.2 15V	23-43280A19		TDC224M050EL	SD50-R229
C70	.3 10V	23-43280A07		TDC334M050EL	SD50-R339
C77	250 16V	23-41928A39	WBR250-16	MTA250F15	TVA-1161
C78	680 16V	23-41928A43	WBR1000-16	TC1501C	TVA-1163
C80	680 16V	23-41928A43	WBR1000-16	TC1501C	TVA-1163
C81	100 10V	23-41928A38	WBR100-16	MTA100E10	TVA-1130

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	22 N150 10%	21-40536A57			*	10TCP-Q22
C2	4.7 N150	21-43539A70			*	10TCP-V47
C3	47 10%			CD15ED470J03	SX447	MMA-470
C4	4.5-20	20-40429B03				
C5	10 NPO 10%		DTZ-10	NP010	CN0410	10TCC-Q10
C6	2.2 NPO 10%		DTZ-2R2	CN02P2	CN0522	10TCC-V22
C7	.005		DC-502	MGP005	TA250	TG-D50
C8	.005		DC-502	MGP005	TA250	TG-D50
C9	27 10%			CD15ED270J03	SX427	MMA-270
C10	4.5-20	20-40429B03				
C11	72 10%			CD15ED750J03	SX475	MMA-750
C12	8 12V NPO 10%		DTZ-10	NP010	CN0410	10TCC-Q10
C13	1 NPO ±.25					
C14	.005		DC-502	MGP005	TA250	TG-D50
C15	4.7 NPO		DTZ-4R7	NP04P7	CN0547	10TCC-V47
C16	220 5%			CD15FD221J03	SX322	MMA-221
C17	220 5%			CD15FD221J03	SX322	MMA-221
C18	8.2 N330 5%	21-43539A49			*	10TCP-V82
C19	3.9 N750 10%	21-43539A20			*	
C20	2.5-6	20-40429B02				
C25	220 10%		DD-221		GP322	10TS-T22
C26	220 10%		DD-221		GP322	10TS-T22
C27	.01		DC-103	MGP01	TA110	TG-S10
C28	.01		DC-103	MGP01	TA110	TG-S10
C29	.01		DC-103	MGP01	TA110	TG-S10
C30	.01		DC-103	MGP01	TA110	TG-S10

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.

Have your local distributor check Sams COUNTER FACTS* for the most up-to-date replacement.

CAPACITORS (cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA								
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.					
C31	.01	21-43539A43	DC-103	MGP01	TA110	TG-S10					
C32	.01		DC-103	MGP01	TA110	TG-S10					
C33	.01		DC-103	MGP01	TA110	TG-S10					
C34	.01 10%		DD-331		WMF1S1	EFW1A110	1PB-S10				
C35	.01 10%				WMF1S1	EFW1A110	1PB-S10				
C36	330 10%				GP330	GP333	10TS-T33				
C37	6.8 N150 5%					*	10TCP-V82				
C38	.1		UK12-104		MAG1201	HY-360					
C41	1 NPO +.25				CNO510	10TCC-V10					
C42	.0047 T0%		20-42152A03		EFW1A247	1PB-D47					
C44	75-350	DD-331				GP333	10TS-T33				
C45	330 10%							WMF1D33	EFW1A233	1PB-D33	
C46	.0033 10%	20-43646B02				CD15FD331J03	SX333				
C48	30-90		DTN-180					MMA-331			
C49	330 5%								DTN-75		10TCU-T18
C50	180 N750 5%		WMF1S1	EFW1A110				1PB-S10			
C51	.01 10%	20-43646B01		WMF1D47	EFW1A247	1PB-D47					
C52	.0047 10%			DD-102		GP333	10TS-D10				
C53	70 N750 5%							DD-331	GP333	10TS-T33	
C54	300 5%			DD-331		GP330	10TS-T33				
C55	10-60							WMF1047	EFW1A247	1PB-D47	
C56	.0047 10%							DD-102		GP210	10TS-D10
C58	.001 10%										
C59	330 10%			DD-331		WMF1D47	EFW1A247				
C61	.0047 10%							DPMS2S47		EFW1A147	1PB-S47
C71	.047										
C72	.033 10%	DPMS6S33	EFW6133					6PS-S33			
C73	.033 10%	DPMS6S33	EFW6133	6PS-S33							
C74	.033 10%	DPMS6S33	EFW6133	6PS-S33							
C75	Spark Plate	64-561876									
C79	.1	64-561876		WMF05P1	EFW05010						
C82	Spark Plate							431P1049R5			

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

DODGE/PLYMOUTH MODELS 2CH2602, 5CH2602

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
R60A R60B	Tone Volume/Switch	10K 25K Tap @ 6500	18C43217B11	F1-10K (12), R16-25K, FFS107, RFS115, KR-4		P14L (12), RU24T14, OX1437A, IS1937, US41	

(12) Use original spring mounting clips.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	RF Choke	24-43032B01		4602	(1) Part of M1.
L2	FM Ant	(1)			
L3	FM Osc	(1)			
L4	FM RF	(1)			
L5	10.7MHz Trap	24-40788A08		4602	
L6	AM Ant	(1)			
L7	AM RF	(1)			
L8	AM Osc	(1)			
T1	IF (10.7MHz)	24-41713C03			
T2	IF (10.7MHz)	24-41713C03			
T3	Quadrature	24-41713C04			
T4	IF (262kHz)	24-41714C01			
T5	IF (262kHz)	24-41714C02			
T6	IF (262kHz)	24-41714C05			
T7	IF (262kHz)	24-41714C06			

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.	
L9	1.35A	.5	1.2mH	24-41694C01			

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS[®] for the most up-to-date replacement.

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T8	4.6	1	1	25-44634B21			

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T9	20CT	8	25-40782C25			

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
E6	4" X 10" PM, 8 Ohms	50-42282C01		

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
F1	20A		In Fuse Block	SFE20		307020		

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
E2	Ceramic Filter	91-43353A53 (1)	10.7MHz
E3	Ceramic Filter	91-43353A53 (1)	10.7MHz
M1	Tuner	77-41900C74	FS-352
S1	Coil Assembly	1-41200C24	
	Switch	40-43533B03	AM-FM Selector
	Printed Circuit Board	84-40545B06	FM Tuner (Less Components)
	Printed Circuit Board	84-41701C01	AM-FM IF (Less Components)
	Printed Circuit Board	84-42254C01	Audio & Filter (Less Components)

(1) When replacing, E2 and E3 should also be replaced.

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

ITEM	PART No.	ITEM	PART No.
Escutcheon	13-40566C02	Knob, Volume/Tuning	36-41636C01
Cover, Top	15-42184C01	Knob, Tone/Dummy	36-41637C01
Dial Glass	61-40038F01	Dial Pointer	52-40281C11
Indicator, AM-FM	61-41550C01	Pushbutton	38-43192B01
Dial Scale	34-41523C01		

WIRING DATA

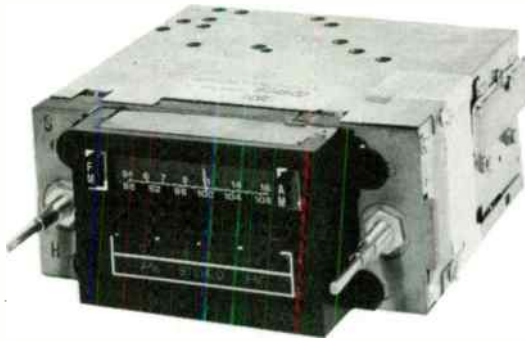
General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
	8524 (Stranded) Available in 12 Colors
Shielded Hook-up Wire	Use BELDEN No. 8885
Rear Seat Speaker Extension Cable	Use BELDEN No. 8782 (Stranded) Coded Parallel Leads
Bonding Strap	Use BELDEN No. 8661 (3/8 In.) or 8670 (3/4 In.)
Ignition Noise Suppression	Use BELDEN No. 7300-Series Spark-Plug Sets



PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index



MODEL 1FD4602 (D6SA-19A188-AD)
 (1976 Thunderbird, Mark IV)
 1LN4606 (D6VA-19A188-AD)
 (1976 Lincoln Continental)

MODEL 1FD4602

Accidental shorting of the 'A' buss (13.59V) to ground will cause Regulator to shut off. It will be necessary to turn power switch off and on in order to restore Regulator output voltage.

ADJUSTMENTS

ADJUST	REMARKS
Head Azimuth	Play a test cartridge and adjust B1 for maximum on an AC VTVM across output.
Head Height	Play a test cartridge, follow instructions with cartridge, and adjust B2 for proper response.
Tape Preamp Level	Select AM mode and set volume, balance and fader controls for the same output on all channels. Play an eight track 4 channel test tape and adjust (R79,R80,R81 and R82) for equal undistorted outputs from all four channels.

TROUBLE CHART

SYMPTOM	REMARKS
Capstan does not rotate.	Belt (65) dirty, worn, or broken. Assembly (67) binding. Motor defective or not supplied with power. Bearing (66) binding.
Track-shift mechanism inoperative	Switch (E26) dirty. Cam (76) binding or worn. Pawl (88) worn. Assembly (70) binding. Solenoid (E29) defective or not supplied with power. Cartridge defective. Spring (98,102) weak or out of place.
Wow or flutter	Belt (65) dirty or worn. Capstan dirty or binding. Cartridge defective. Motor defective.
Sound weak or distorted	Head dirty, misaligned, or defective. Cartridge defective. Amplifiers defective.
Tape is pulled from cartridge.	Cartridge defective. Capstan dirty or scored.

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

© 1976 Howard W. Sams & Co., Inc. Printed in U. S. of America 6AL-946

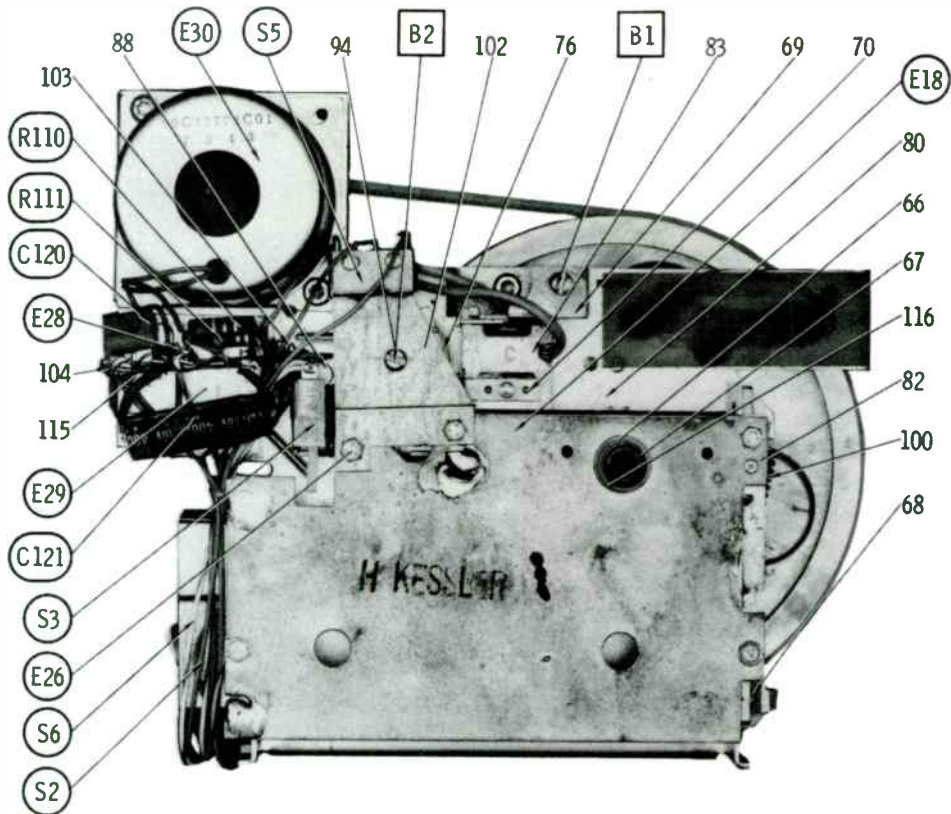
FORD/LINCOLN MODELS 1FD4602, 1LN4606

MECHANICAL PARTS LIST

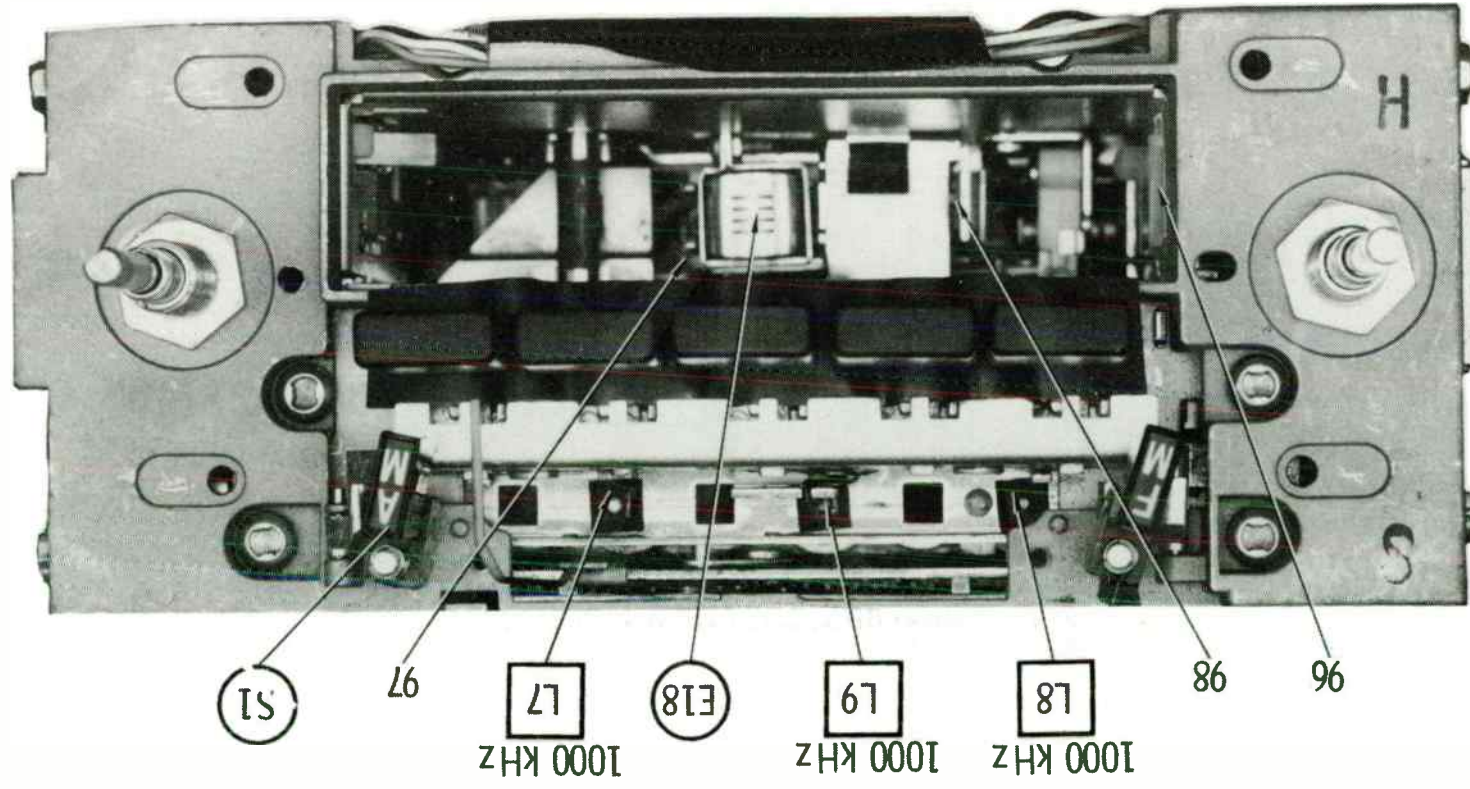
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
65	42-42561C02	Flywheel Drive Belt	94	47-43703C02	Cam Height Adjust Shaft
66	43-42609C02	Capstan Sleeve Bearing	96	43-43762C01	Cartridge Retainer Spacer
67	43-40411B02	Ball Thrust Bearing Assembly	97	41-41251B18	Azimuth Tension Spring
68	1-42099C88	Cartridge Retainer Assembly	98	41-41251B19	Cam Spring
69	1-43800C45	Azimuth Bracket	100	41-40293F02	Delatch Spring
70	1-40299E16	Head Mounting Bracket Assembly	101	41-40442E02	Head Tension Spring
76	45-43946C01	Cam	102	41-40681B04	Pawl Tension Spring
79	49-40260F03	Flywheel	103	41-40601E01	Solenoid Spring
80	46-42818C01	Tape Stopper	104	46-41161C01	Solenoid Stop
82	45-40280F01	Delatch Link	115	4-40104A14	Solenoid Stop Spring Washer
83	45-40216E01	Head Connector Link	116	4-40409B11	Capstan Bearing Thrust Washer (2 used)
88	1-40640E21	Plunger/Pawl (Assembly)			

CLEANING LUBRICATING HEAD DEMAGNETIZING

Refer to
"General Servicing Information"
on page 4.



TAPE DECK-TOP VIEW



CHASSIS - FRONT VIEW

ALIGNMENT INSTRUCTIONS

Check for specified source voltage.
Use only enough generator output
to provide a usable indication.
Suggested Alignment Tools:

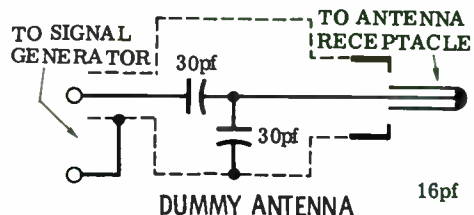
GC Electronics:
ALL.....9440

PUSH-BUTTON ADJUSTMENT

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

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
High side thru .1mfd to Ant. Input low side to ground.	262kHz 400-Hz mod.	High freq. end stop.	Output meter across voice coil.	T6, T5, T4, T3	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	"	C62, C56, C50	"
Tuner alignment is not necessary unless associated components have been disturbed. If necessary, back tuning cores L7, L8, L9 out of coils but not out of forms. Repeat step 2.					
Thru dummy antenna to antenna input.	1000kHz	Tune to signal	Output meter across voice coil.	L9, L8, L7	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 C50 for maximum output. Antenna adjustment C50 is located on rear bottom right corner.



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

High side of generator thru .001uF to Ant. Input.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz Unmodulated	Point of non-interference	DC probe of VTVM to junction of C32 and C37 common to ground.	(1) T2, T1	Adjust for maximum.

FM RF ALIGNMENT—SELECTOR IN FM POSITION

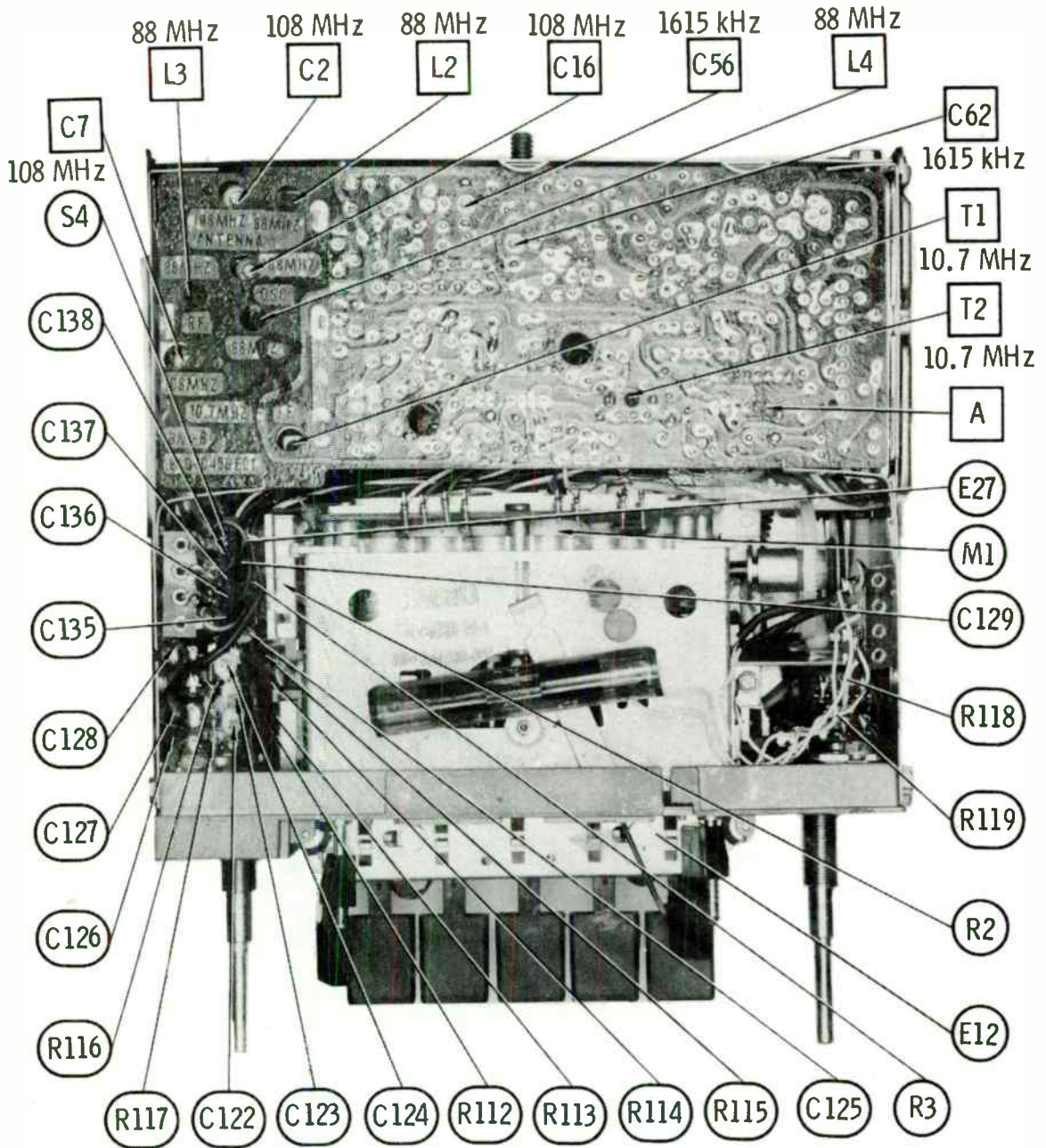
Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead. Adjustment of coils by bending should not be attempted unless the coil is deformed or replaced.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
88MHz Unmodulated	Low Freq. End Stop	DC probe of VTVM to junction of C32 and C37 common to ground.	L4, L3, L2	Adjust for maximum.
108MHz Unmodulated	High Freq. End Stop		C16, C7, C2	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

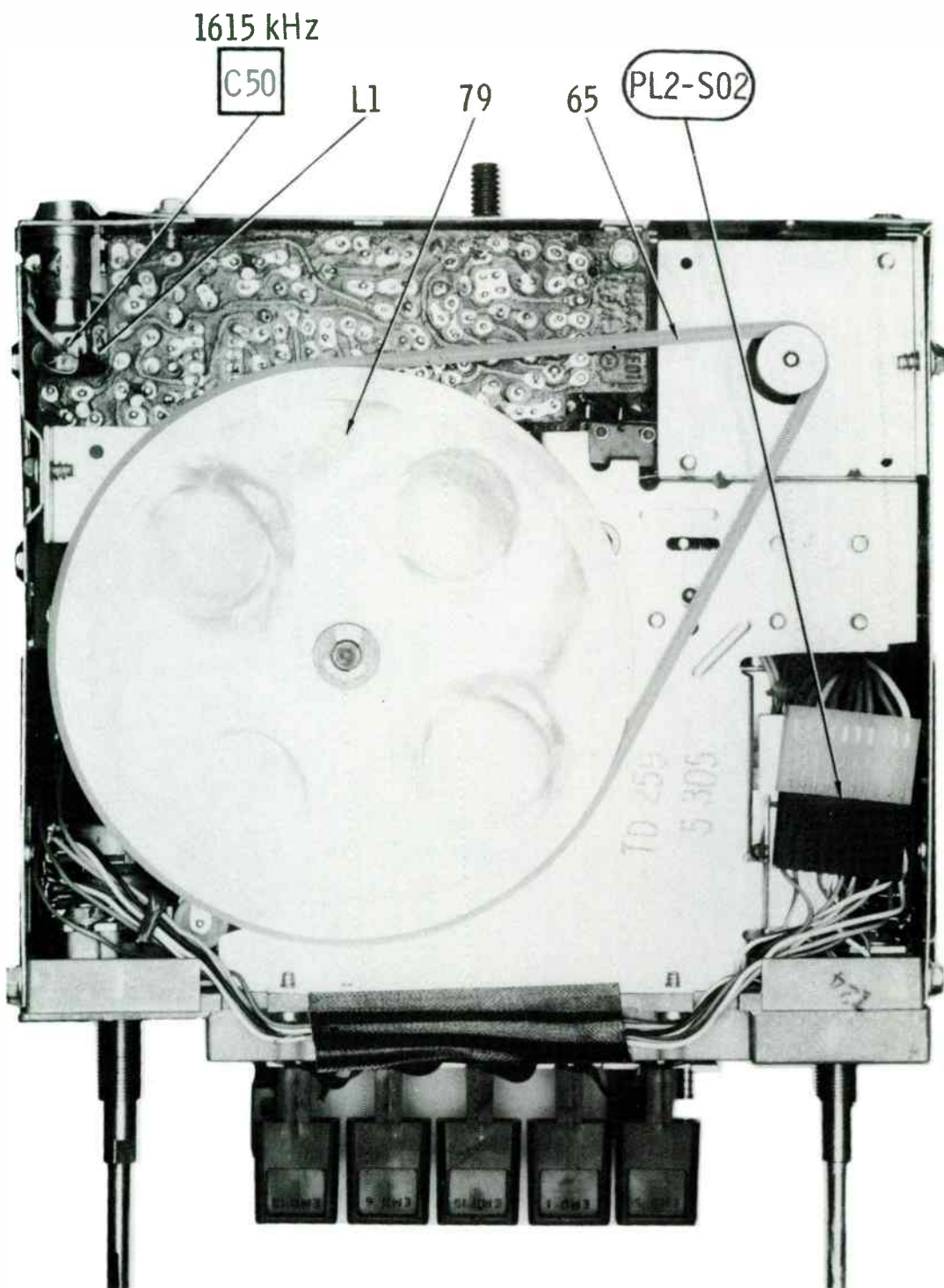
(1) Before adjusting, vary generator frequency slightly. Maximum output indicates exact IF.

FM STEREO MULTIPLEX ALIGNMENT USING FM STEREO SIGNAL GENERATOR (± .0001% ACCURACY)

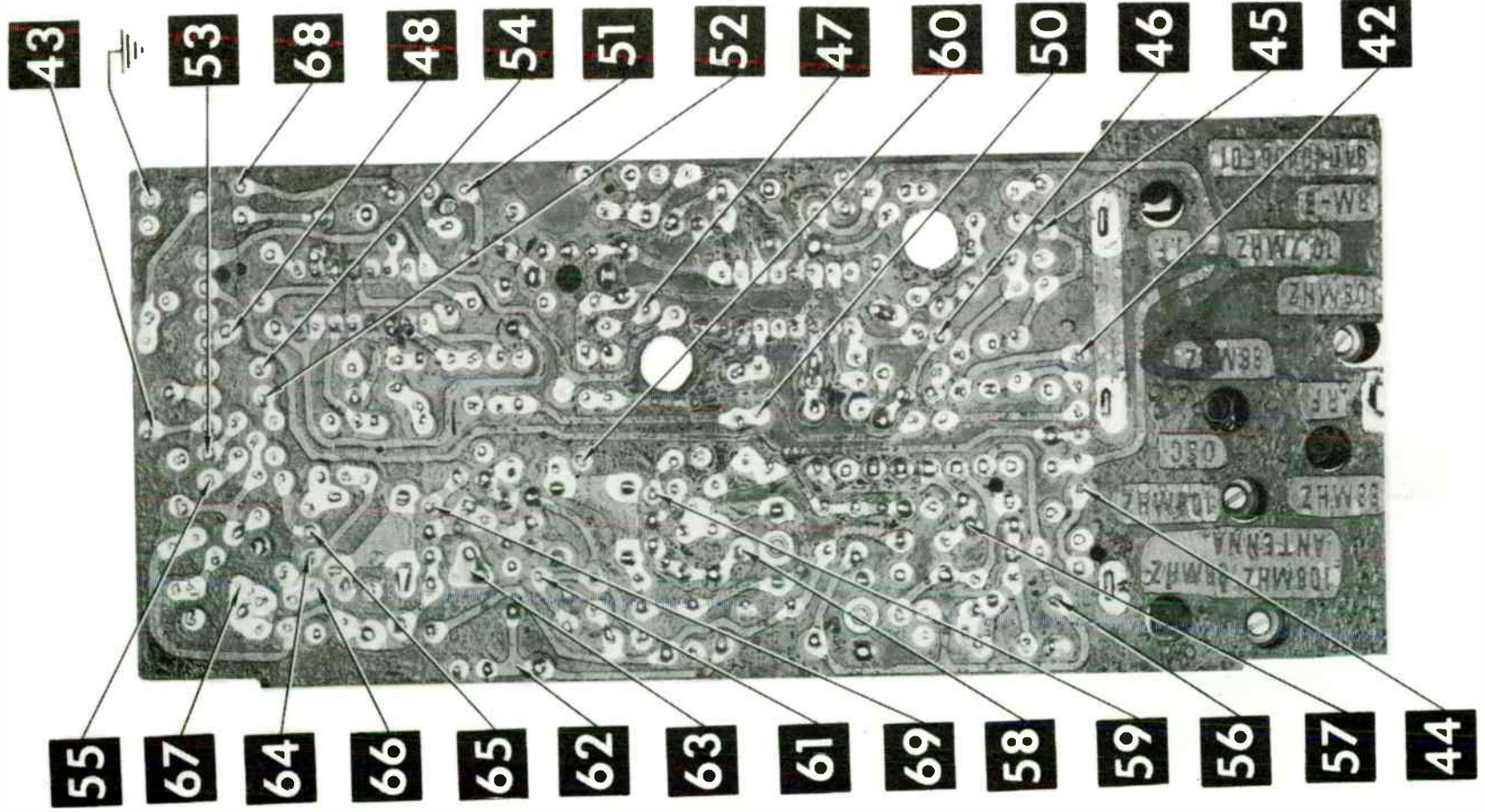
Ground junction of C32 and C37. Connect Freq Counter thru 100K Ohm Resistor to point A. Adjust R40 for 19kHz +20Hz.



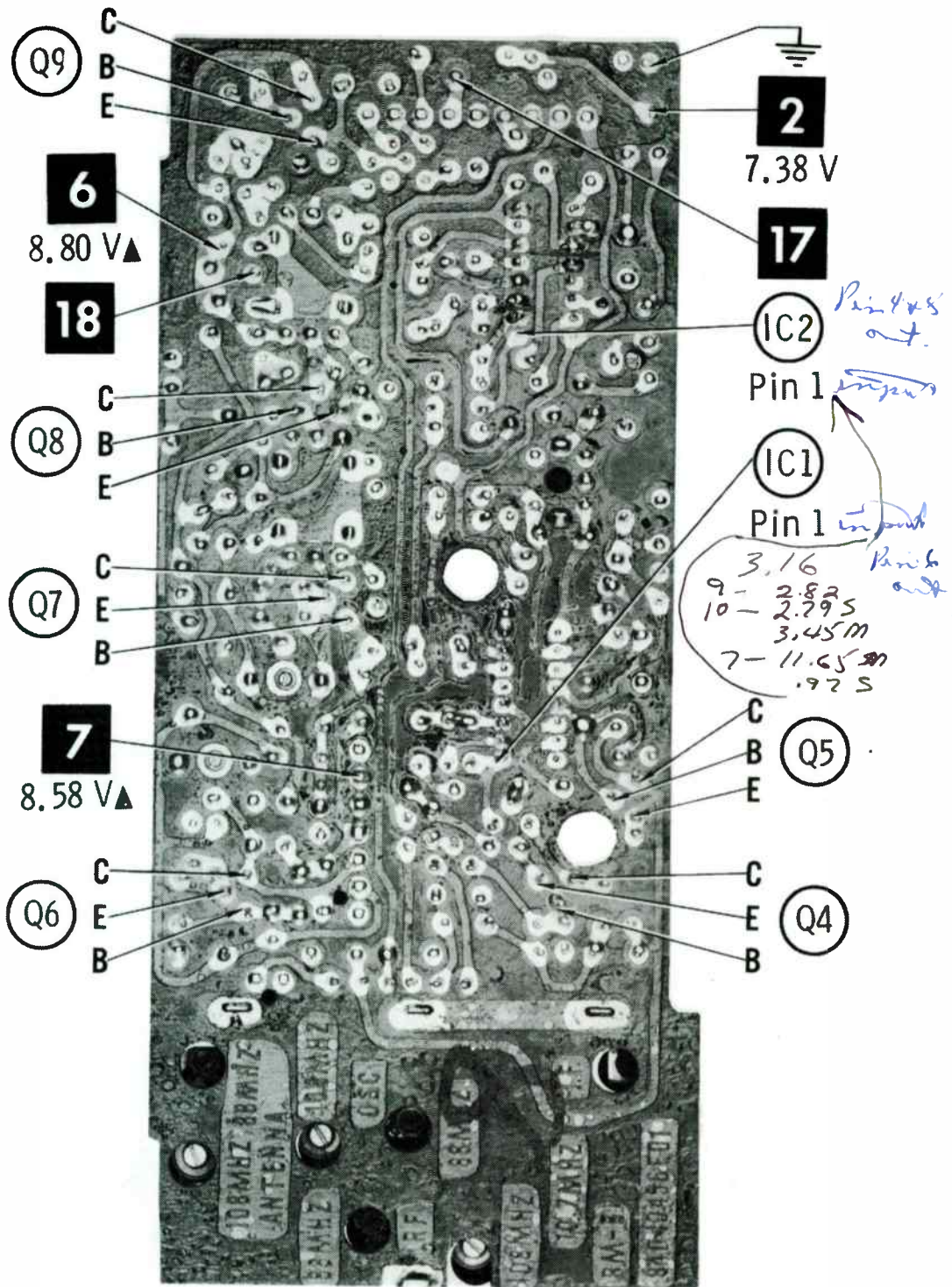
CHASSIS-TOP VIEW



CHASSIS-BOTTOM VIEW

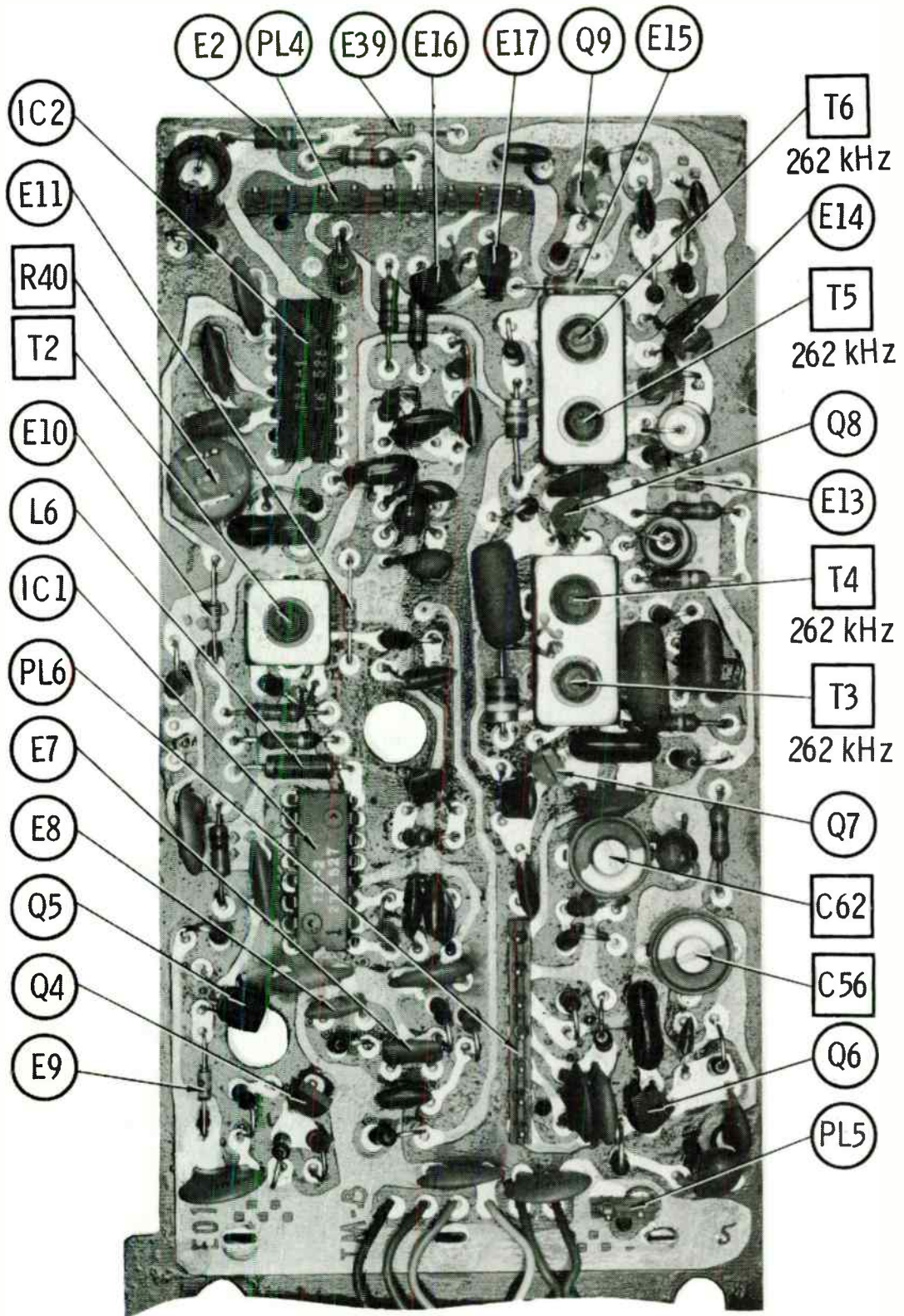


AM-FM-MPX BOARD

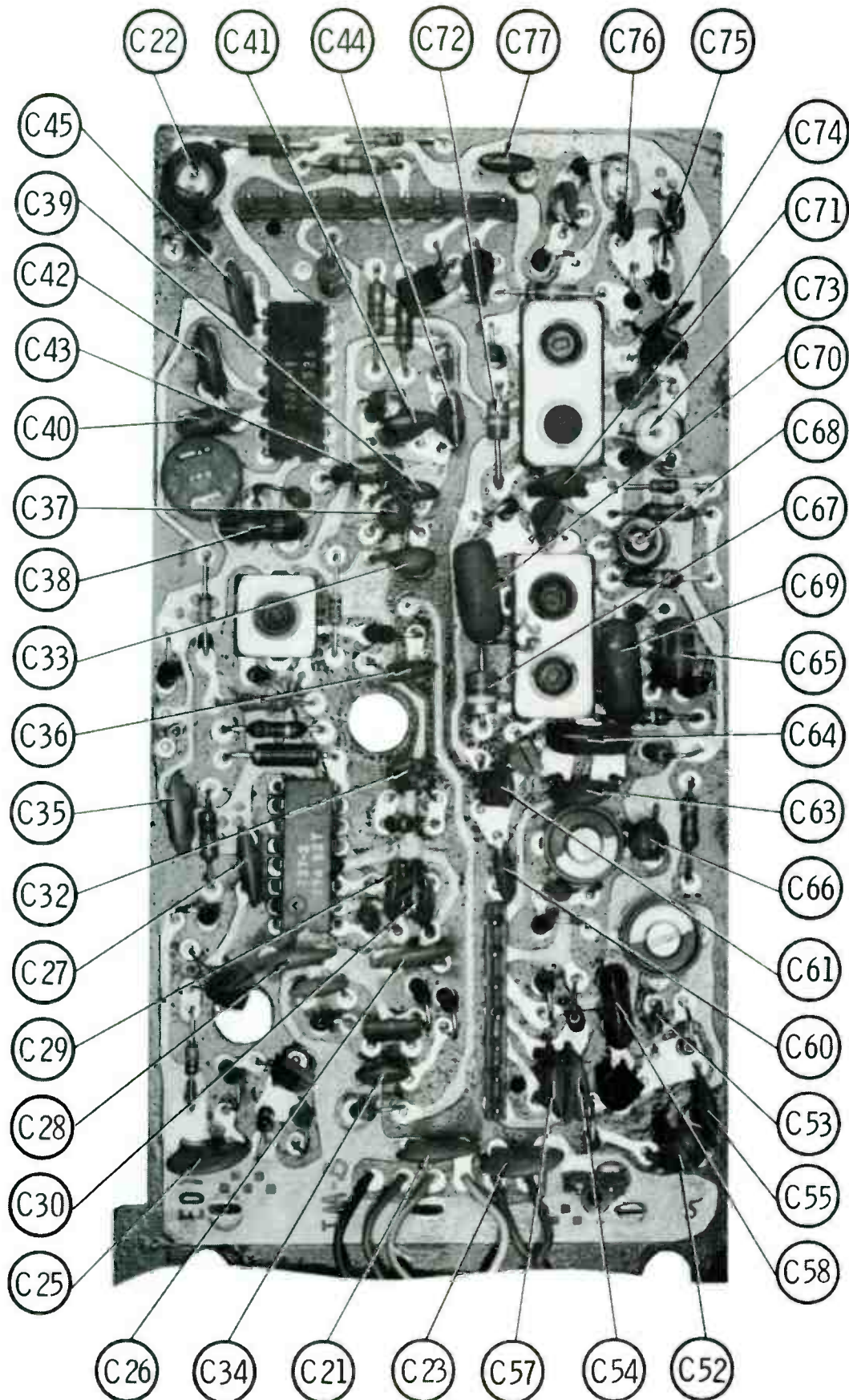


▲ AM

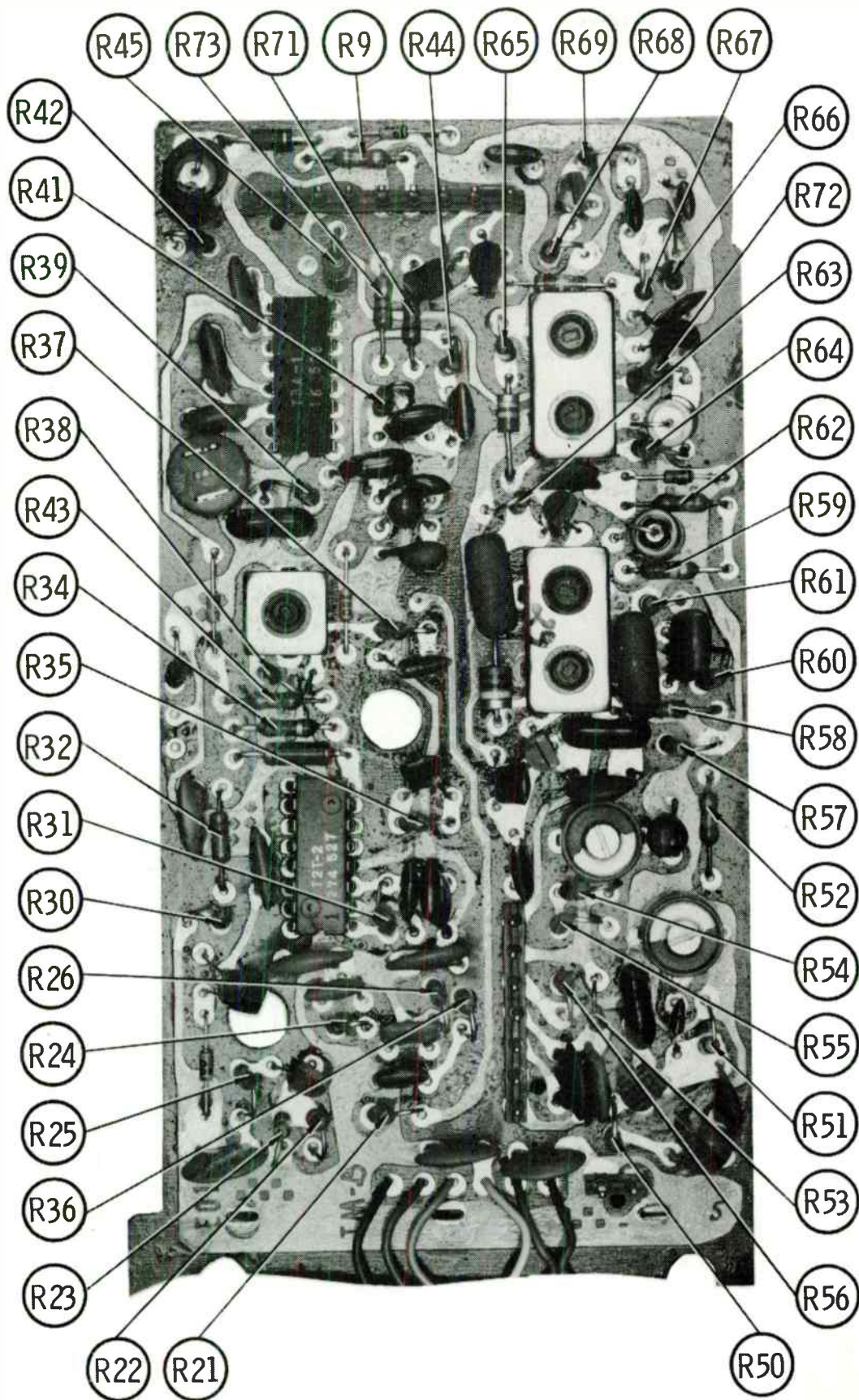
AM-FM-MPX BOARD



AM-FM-MPX BOARD

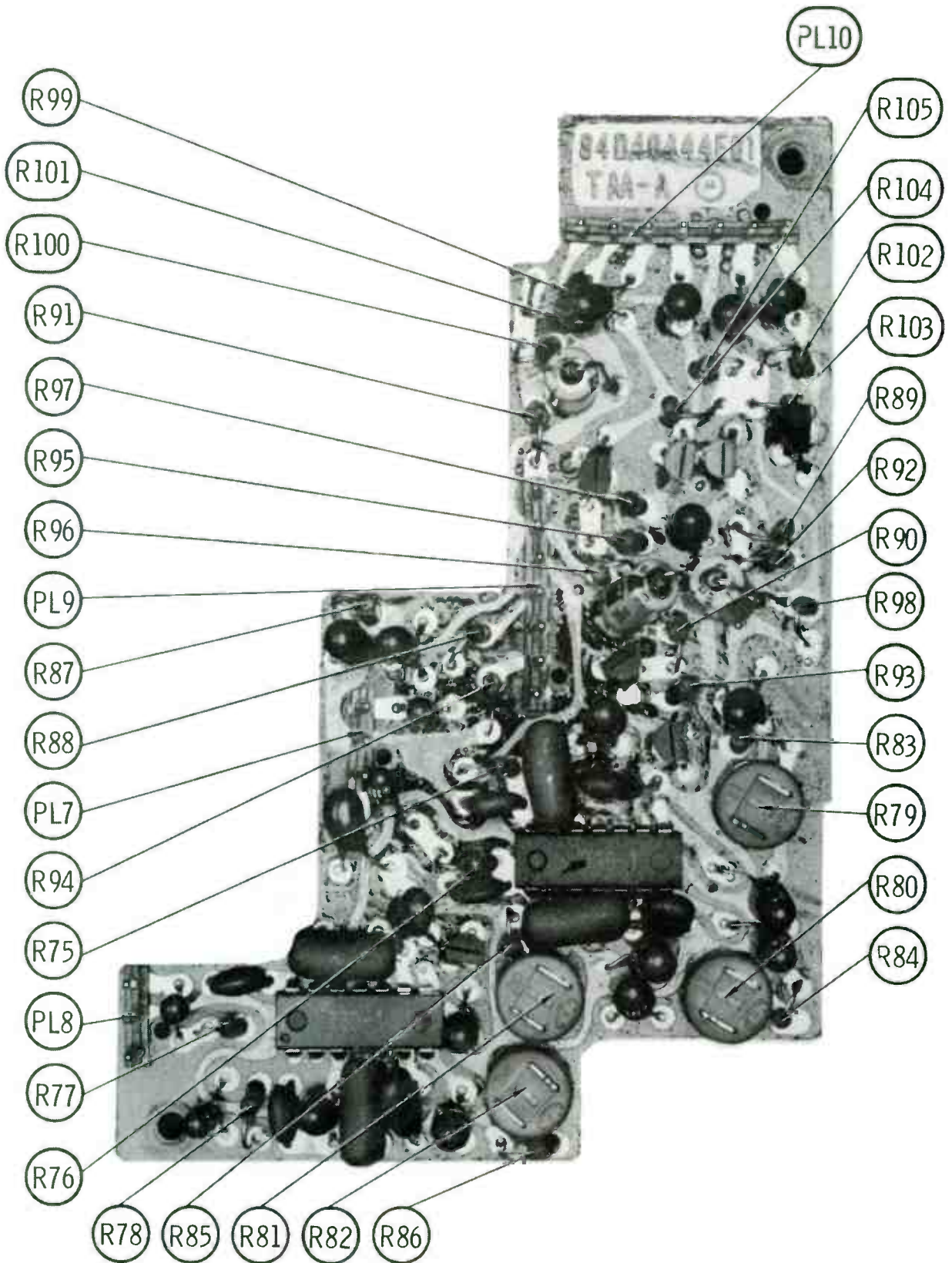


AM-FM-MPX BOARD

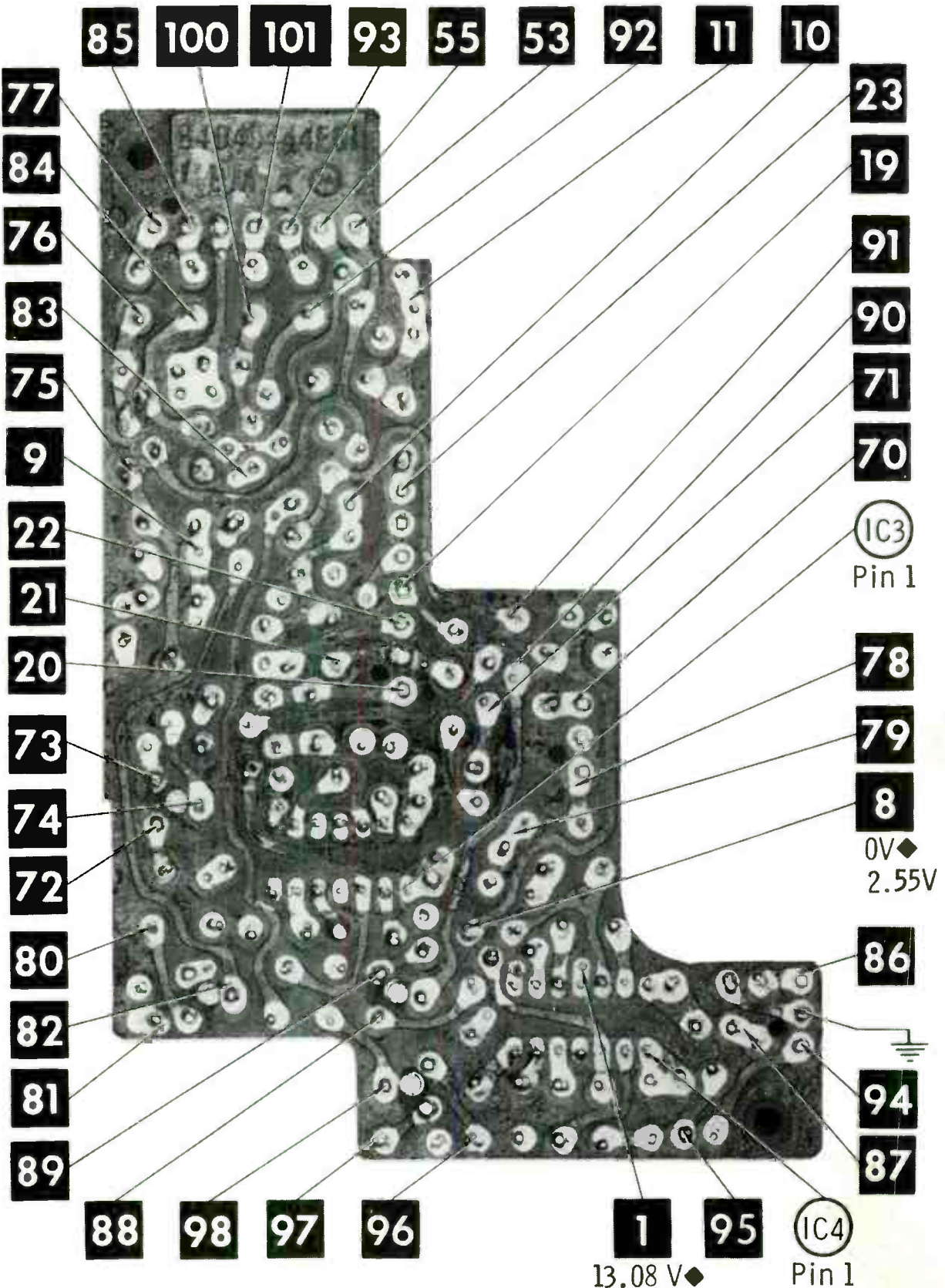


AM-FM-MPX BOARD

FORD/LINCOLN MODELS 1FD4602, 1LN4606



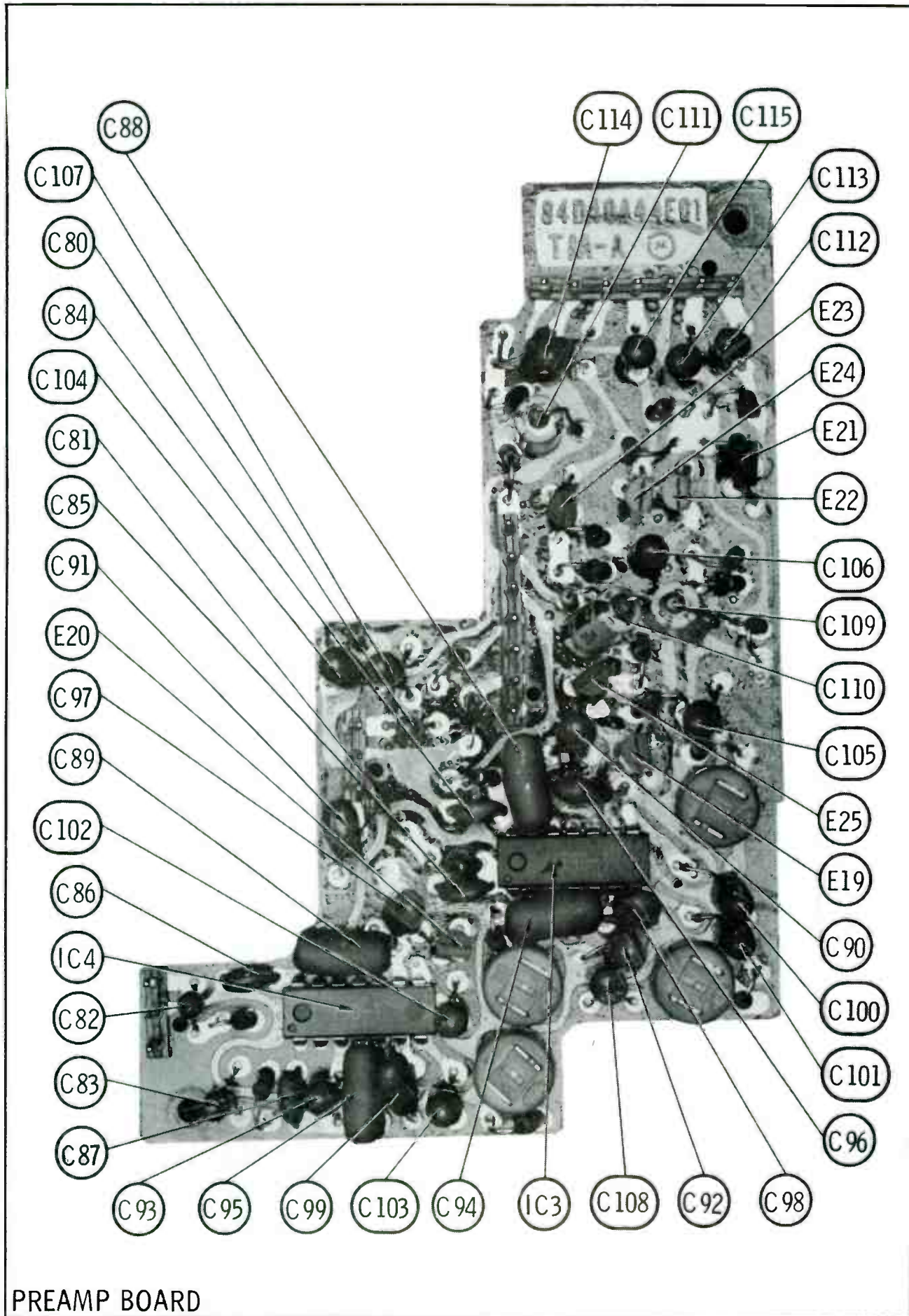
PREAMP BOARD



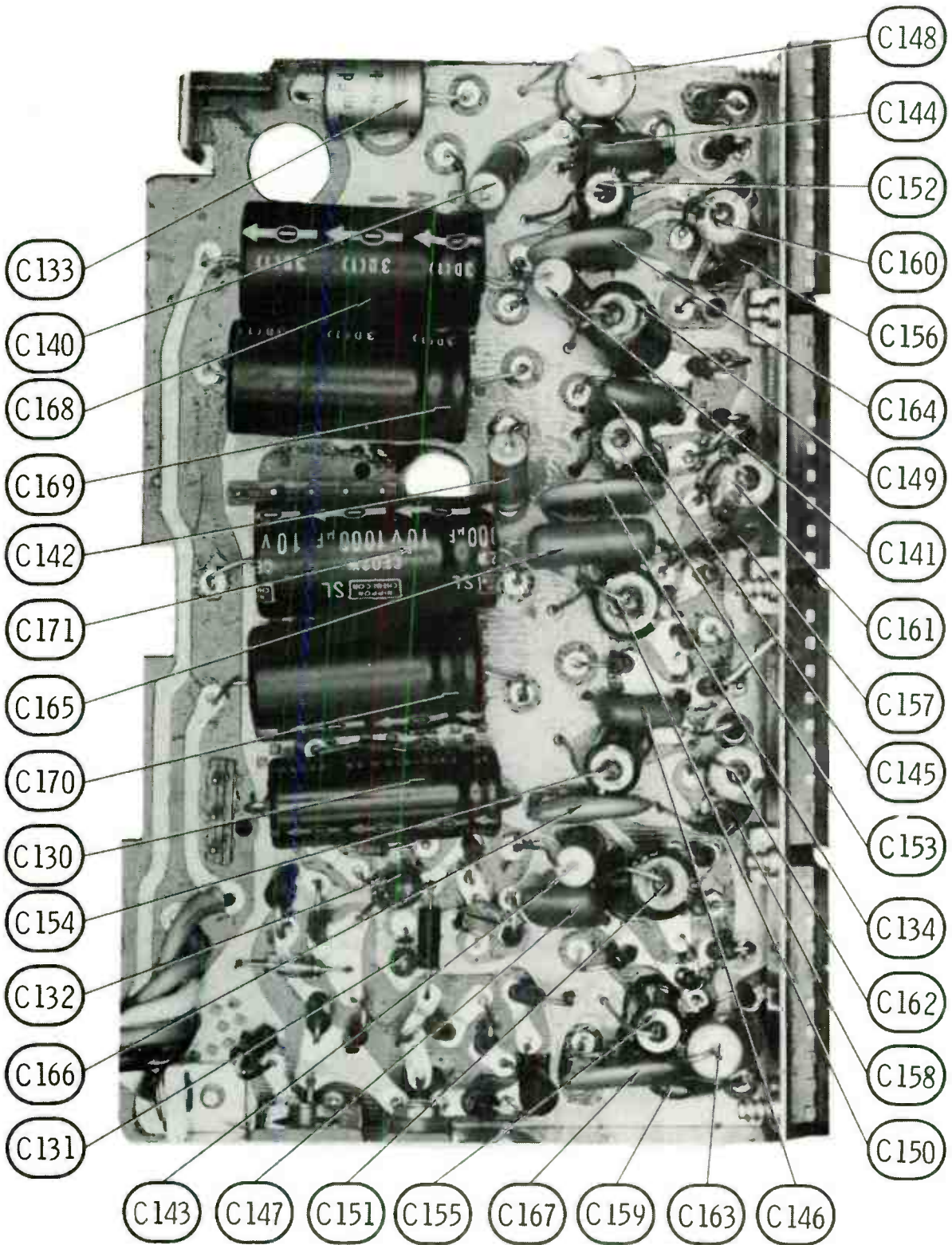
FORD/LINCOLN MODELS 1FD4602, 1LN4606

◆ QUAD TAPE PLAY

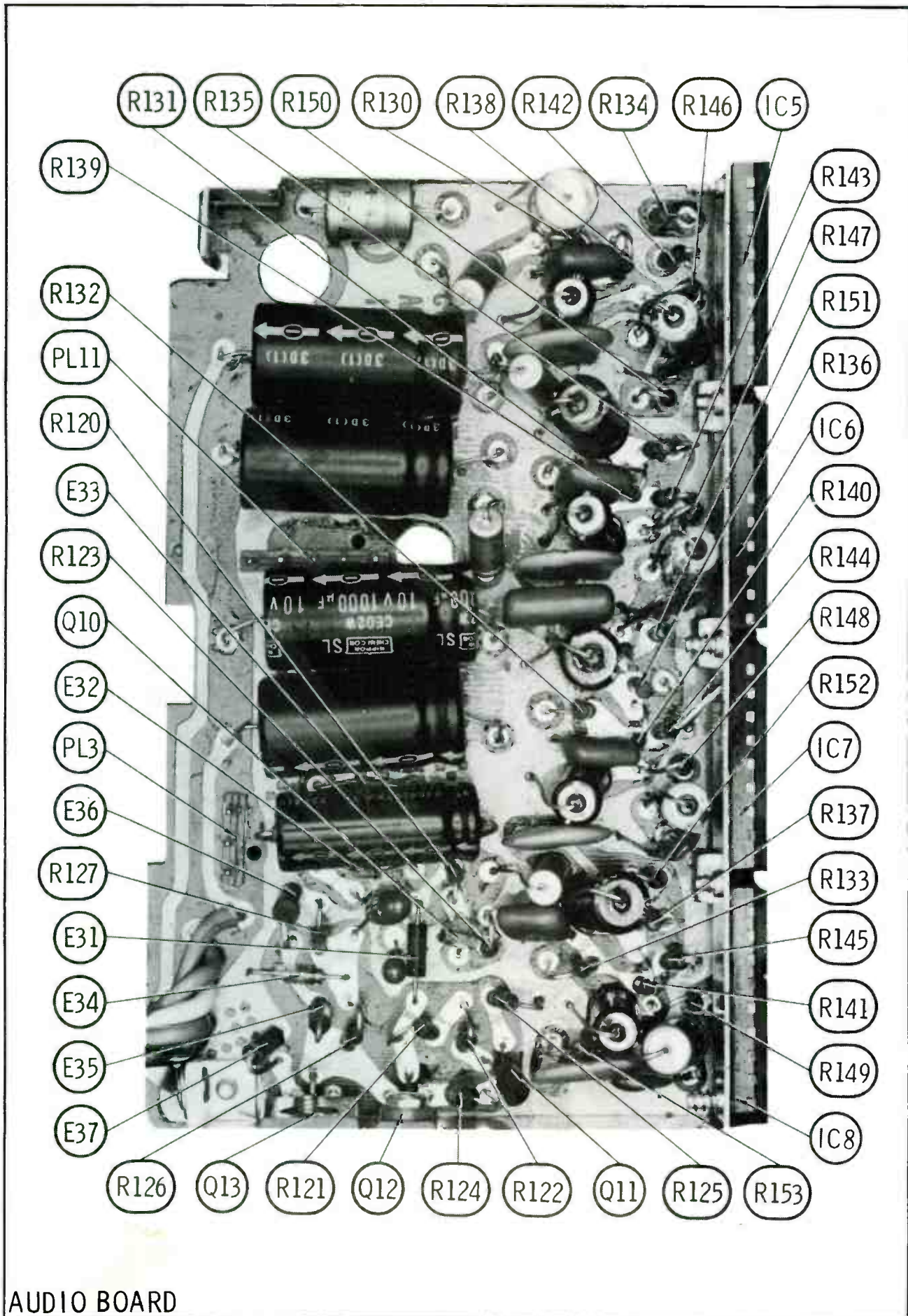
PREAMP BOARD



PREAMP BOARD



AUDIO BOARD



AUDIO BOARD

13.08 V

110 106 104 105 103 1 102 109

108

107

115

113

114

120

125

119

14

15

Q10

13

12

Ground symbol

IC5

Pin 1

111

112

IC6

Pin 1

116

117

118

IC7

Pin 1

121

122

123

IC8

Pin 1

124

Handwritten notes: 2.2, 2.2, 2.05, 13.07, 13.04, 13.65, 13.00, 13.61, 13.05

E B C

Q11

B C E

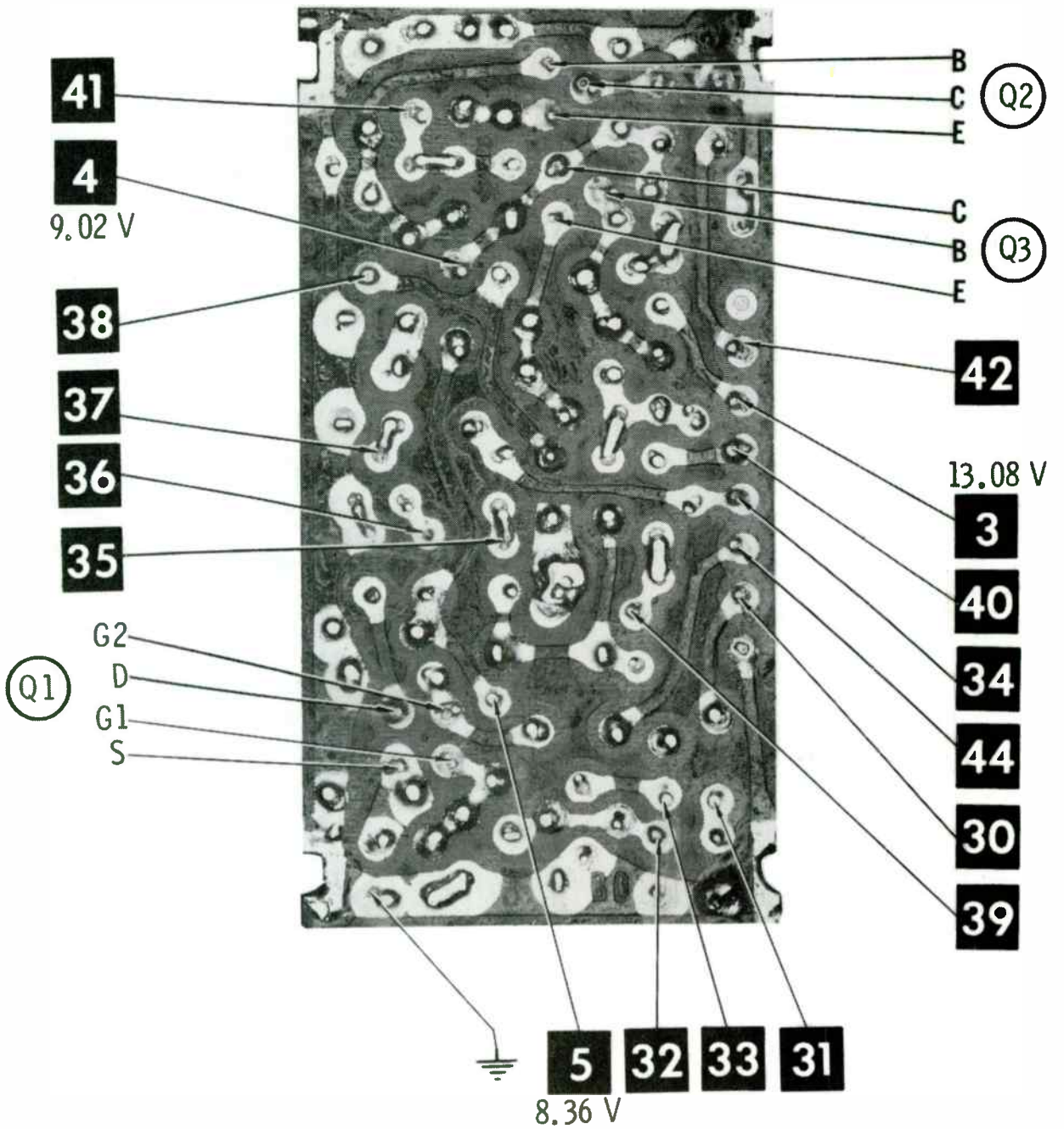
Q12 PNP

B C E

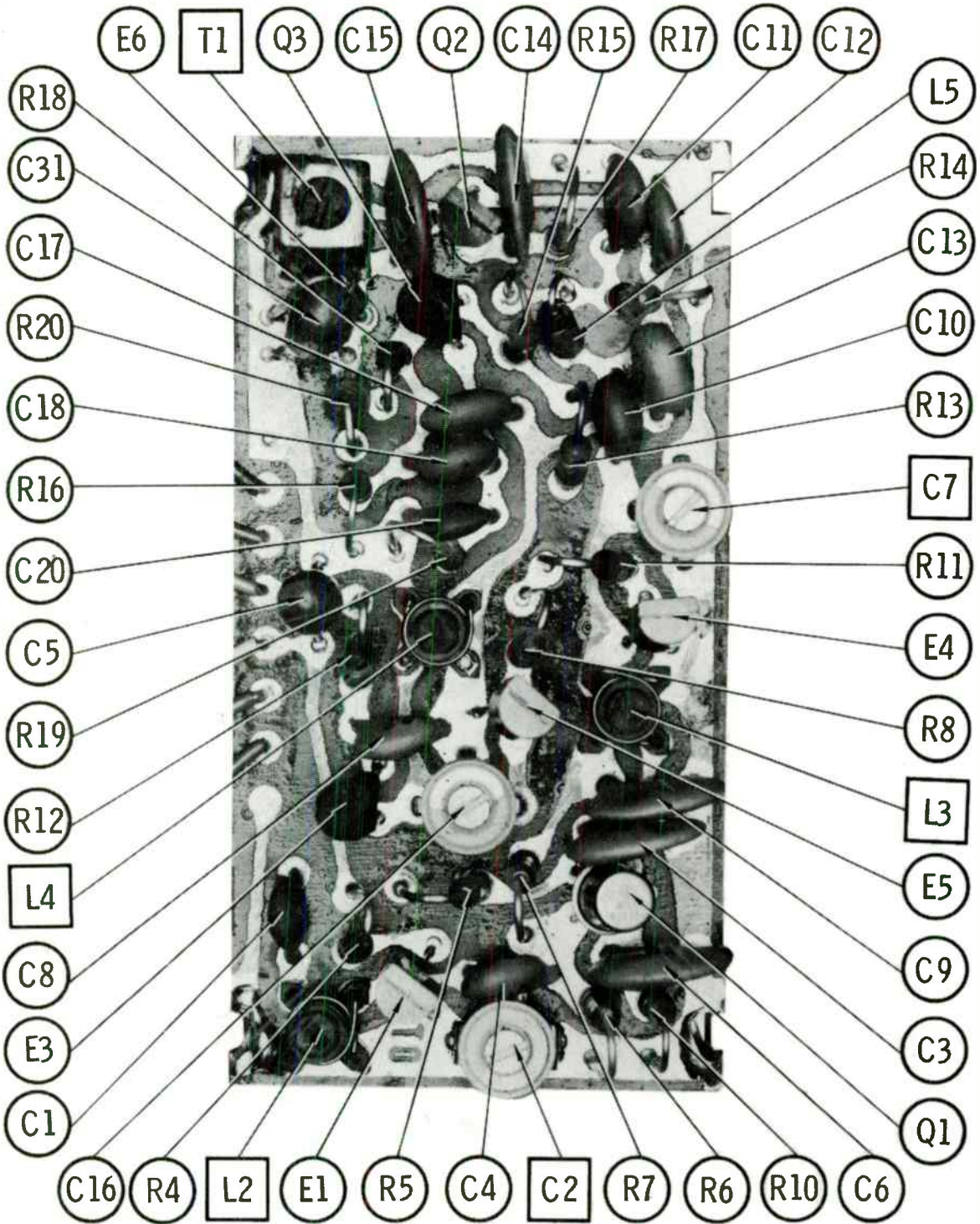
Q13

FORD/LINCOLN MODELS 1FD4602, 1LN4606

AUDIO BOARD

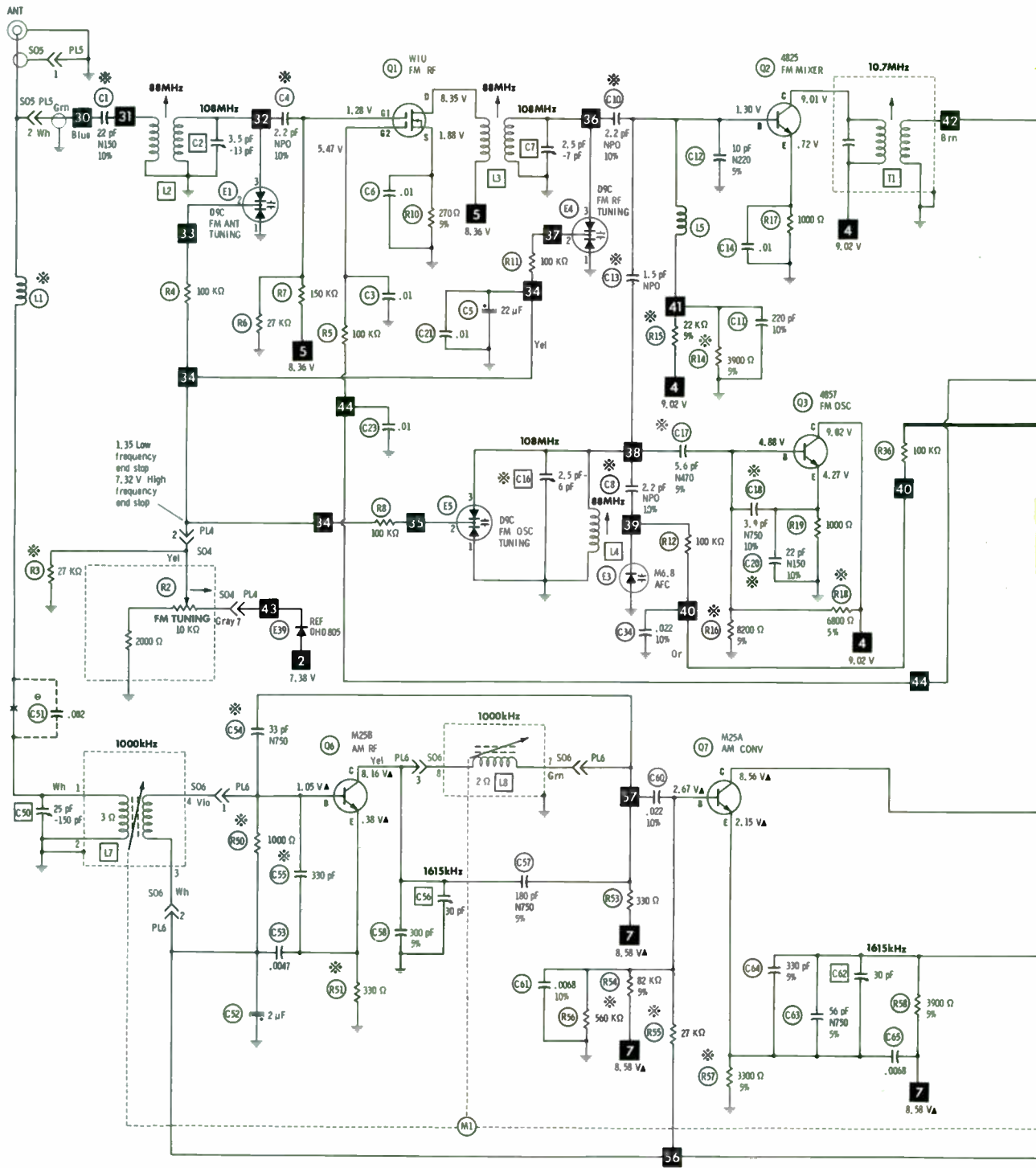


TUNER BOARD



TUNER BOARD

NOTE: DEMAGNETIZE HEADS AFTER SERVICING



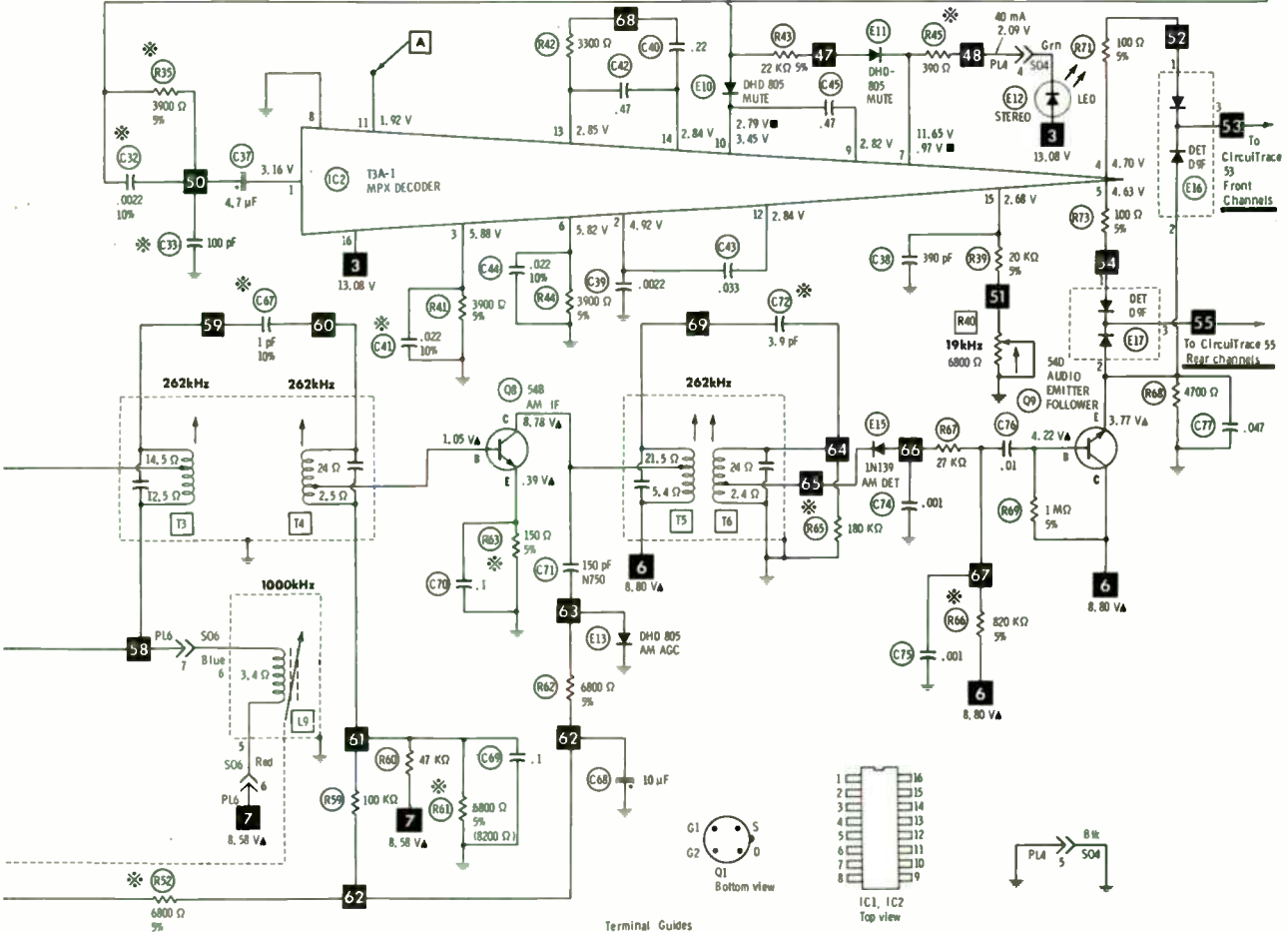
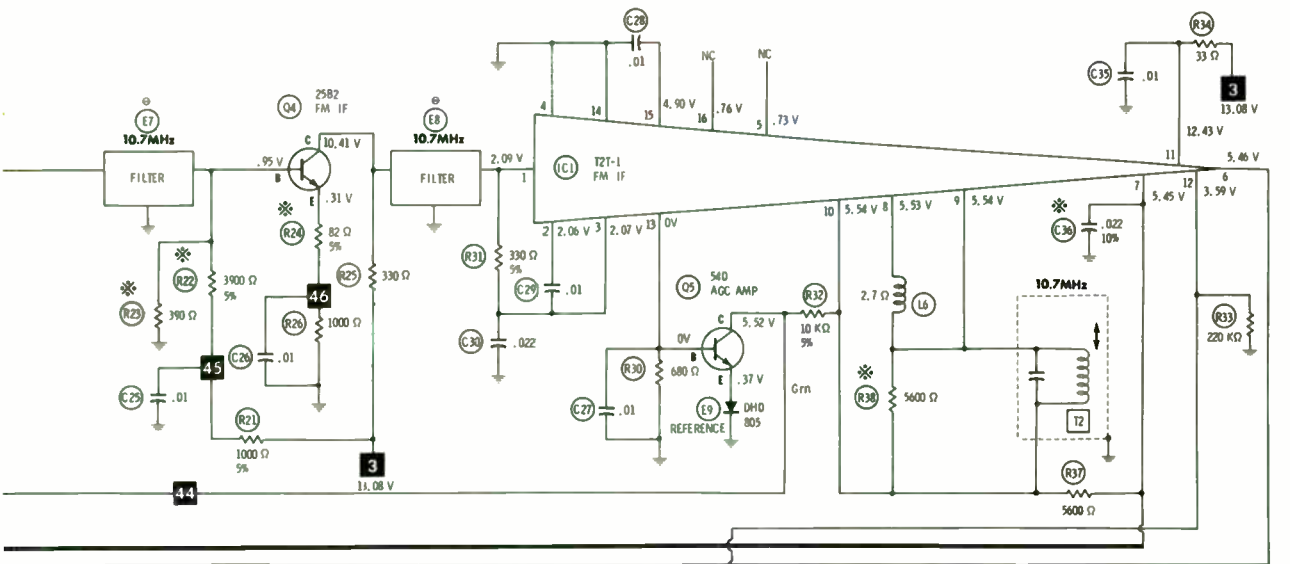
- *— Circuitry not used in some versions
- - - Circuitry used in some versions
- ⊙ See parts list
- * Nominal value
- ⊕ Ground
- chassis Chassis
- ▽ Common tie point

Measurements with switching as shown unless noted:
 ■ FM Stereo signal ▲ AM

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, 10% unless noted.
 Value in () used in some versions.

A PHOTOFACIT STANDARD NOTATION SCHEMATIC
 WITH **CIRCUITRACE**

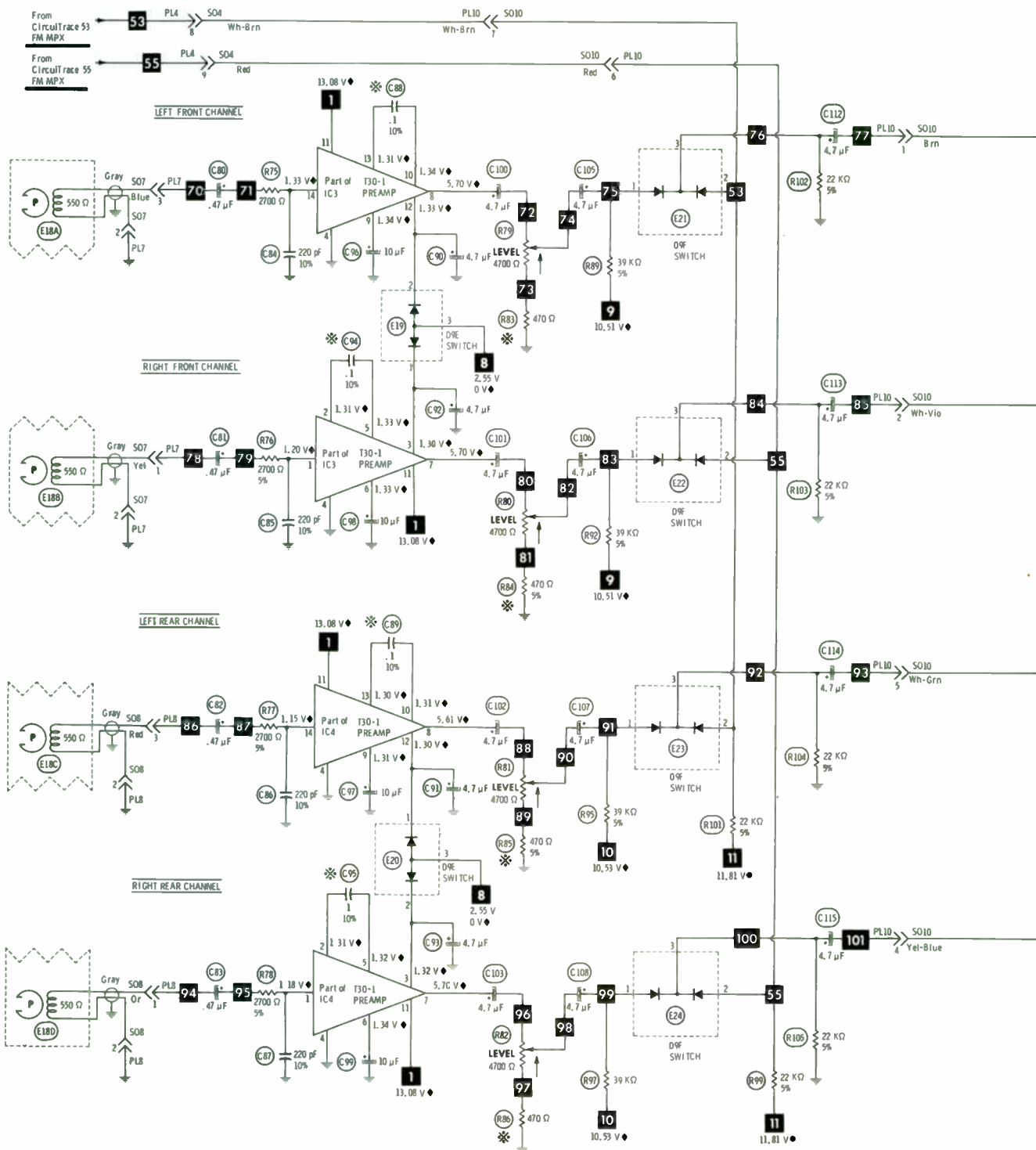
© Howard W. Sams & Co., Inc. 1976



Terminal Guides



NOTE: DEMAGNETIZE HEADS AFTER SERVICING



- ✖ Circuitry not used in some versions
- Circuitry used in some versions
- ⊙ See parts list
- ⊛ Nominal value
- ⊕ Ground
- ⊞ Chassis
- ∇ Common tie point

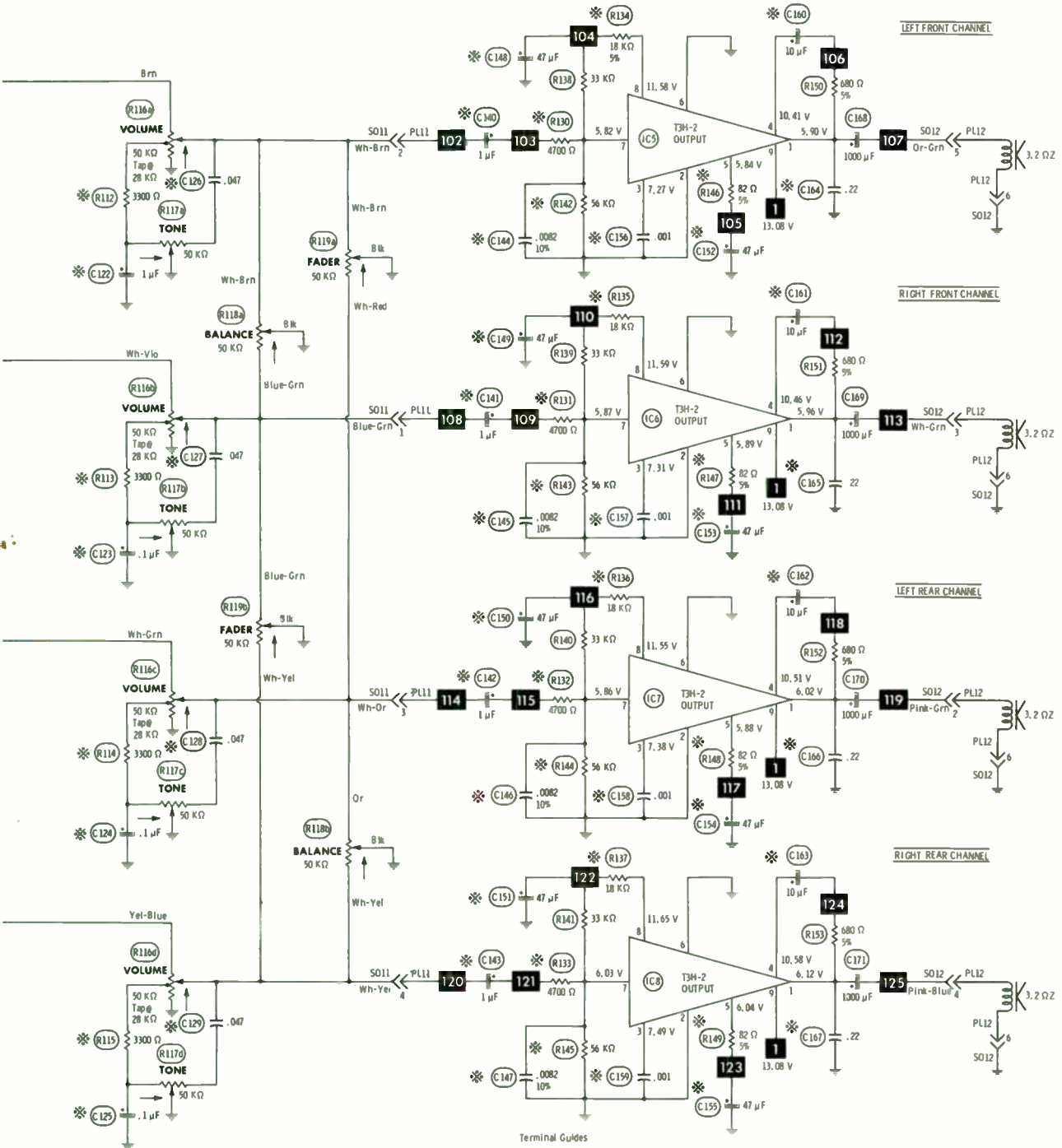
Measurements with switching as shown unless noted:

■ FM Stereo signal ▲ AM

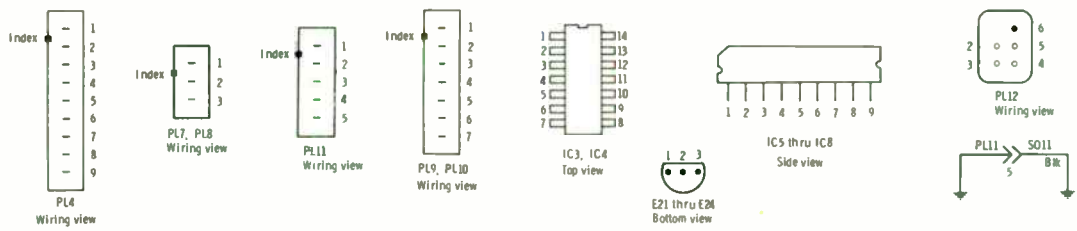
Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow at control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 10% unless noted.
 Value in () used in some versions.

A PHOTOFACIT STANDARD NOTATION SCHEMATIC
 WITH **CIRCUITRACE**

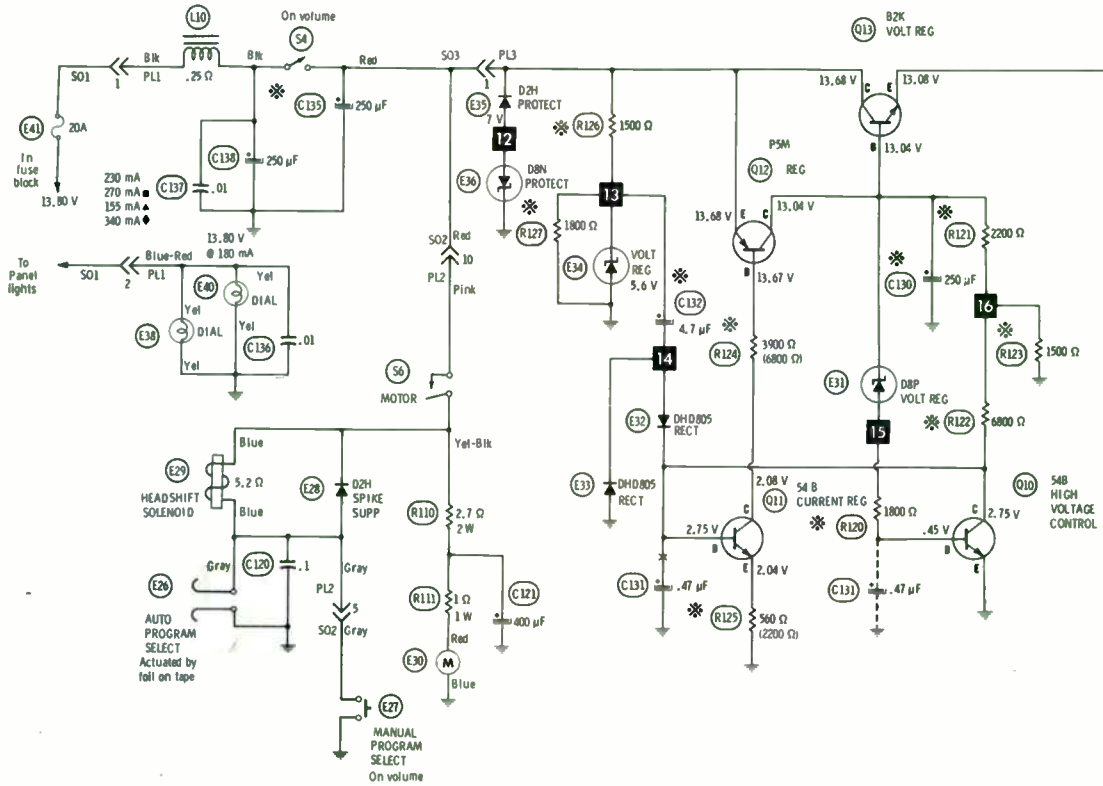
© Howard W. Sams & Co., Inc. 1976



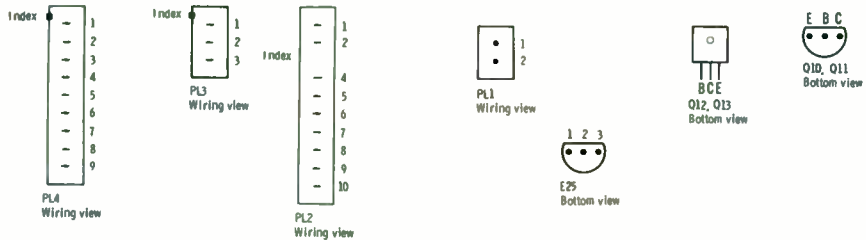
Terminal Guides



NOTE: DEMAGNETIZE HEADS AFTER SERVICING



Terminal Guides



- ✖ Circuitry not used in some versions
- Circuitry used in some versions
- ⊙ See parts list
- ✱ Nominal value
- ⊕ Ground
- ⏏ Chassis
- ▽ Common tie point

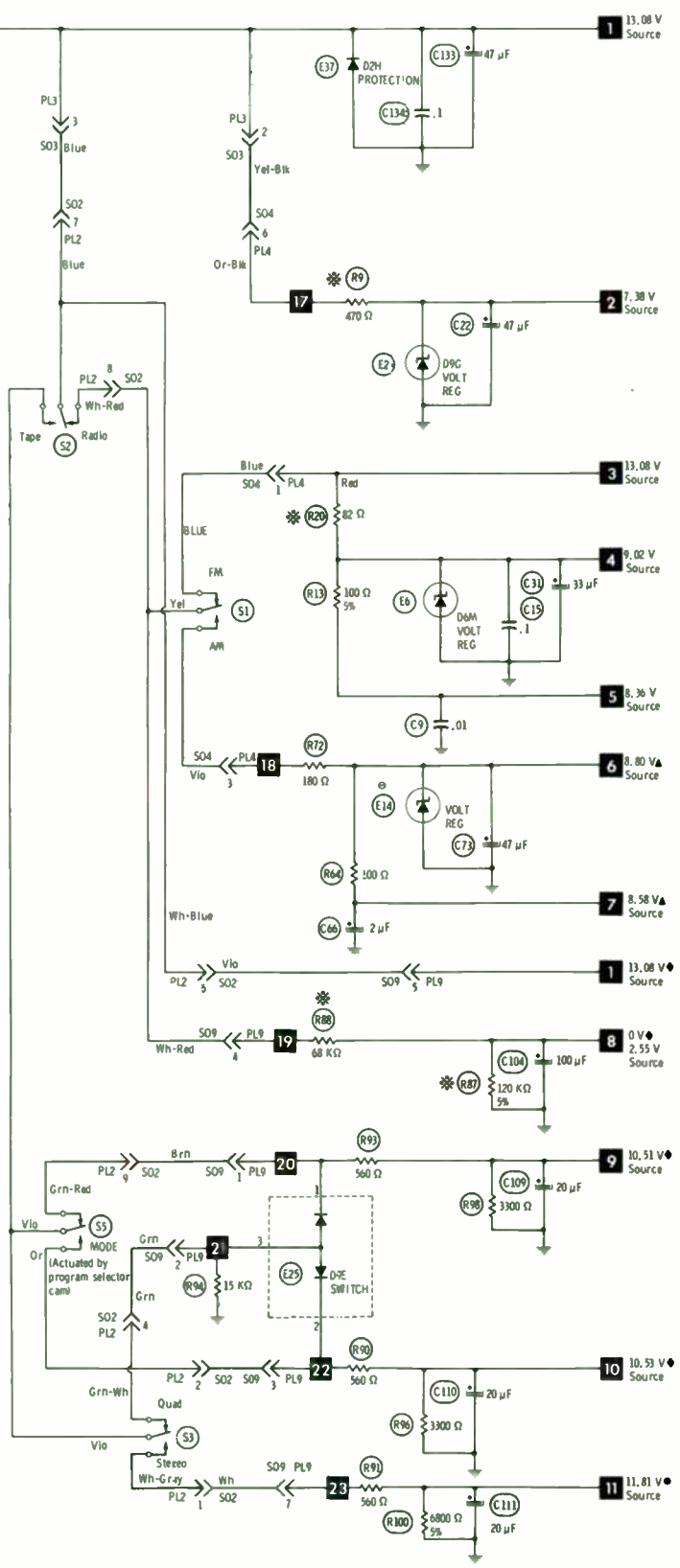
Measurements with switching as shown unless noted:

■ FM Stereo signal ▲ AM

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, 10% unless noted.
 Value in () used in some versions.

A PHOTOFAC T STANDARD NOTATION SCHEMATIC
 WITH **CIRCUITRACE**

© Howard W. Sams & Co., Inc. 1976



PARTS LIST AND DESCRIPTION

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA										
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.			
E1	D9C	48-137601											
E2	L9G	48-137607											
E3	M6.8	48-40516C02	GE-90	D201		HEPR2503		RE 195	SK3126		RT-262		
E4	D9C	48-137601											
E5	D9C	48-137601											
E6	D6M	48-137421	GEZD-9.1	Z1209	ZB9.1A	HEPZ0412		RE 114	SK3060		RT-240	ECG139	
E9	DHD805	48-137573	GE-300	D200	PTC214	HEPR0602		RE 52	SK3100		RT-218	ECG177	
E10	DHD805	48-137573	GE-300	D200	PTC214	HEPR0602		RE 52	SK3100		RT-218	ECG177	
E11	DHD805	48-137573	GE-300	D200	PTC214	HEPR0602		RE 52	SK3100		RT-218	ECG177	
E12		1-40159E01											
E13	DHD805	48-137573	GE-300	D200	PTC214	HEPR0602		RE 52	SK3100		RT-218	ECG177	
E14		48-41763C03	GEZD-9.1	Z1209	ZB9.1A	HEPZ0412		RE 114	SK3060		RT-240	ECG139	
E15	1N139	48-137495	1N34AS	1N34A	PTC207	HEPR9134		RE 47	SK3087		RT-200	ECG109	
E16	D9F	48-137606											
E17	O9F	48-137606											
E19	O9E	48-137605											
E20	O9E	48-137605											
E21	O9F	48-137606											
E22	O9F	48-137606											
E23	D9F	48-137606											
E24	D9F	48-137606											
E25	D9E	48-137605											
E28	D2H	48-137029	GE-504A	5A4D	PTC201	HEPR0052		RE 49	SK3030		RT-213	ECG116	
E31	D8P	48-137563			ZB138			RE 119			RT-244	ECG143	
E32	DHD805	48-137573	GE-300	D200	PTC214	HEPR0602		RE 52	SK3100		RT-218	ECG177	
E33	DHD805	48-137573	GE-300	D200	PTC214	HEPR0602		RE 52	SK3100		RT-218	ECG177	
E34		48-40458A04	GEZD-5.6		ZB5.6B			RE 107			RT-236	ECG136	
E35	O2H	48-137029	GE-504A	5A4D	PTC201	HEPR0052		RE 49	SK3030		RT-213	ECG116	
E36	D8N	48-137554											
E37	D2H	48-137029	GE-504A	5A4D	PTC201	HEPR0052		RE 49	SK3030		RT-213	ECG116	
E39	DHD805	48-137573	GE-300	D200	PTC214	HEPR0602		RE 52	SK3100		RT-218	ECG177	
IC1	T2T-2	51-10658A03											
IC2	T3A-1	51-10711A01	GE1C-32					RE 317-IC			TVCM-29	ECG743	
IC3	T3D-1	51-10726A02											
IC4	T3D-1	51-10726A02											
IC5	T3H-2	51-10740A02											
IC6	T3H-2	51-10740A02											
IC7	T3H-2	51-10740A02											
IC8	T3H-2	51-10740A02											
Q1	W1U	48-137488	GE-FET-4		PTC181	HEPF2004		RE 199	SK3050		RT-181	ECG222	
Q2	4825	48-134825	GE-17	TR-21	PTC136	HEPS0033		RE 9	SK3018		RT-108A	ECG107	
Q3	4857	48-134857	GE-17	TR-95	PTC136	HEPS0020		RE 10	SK3018		RT-113	ECG108	
Q4	25B2	48-137351	GE-20	TR-21	PTC136	HEPS0025		RE 10	SK3018		RT-107	ECG229	
Q5	54D	48-134811	GE-20	TR-24	PTC136	HEPS0015		RE 13	SK3124		RT-172	ECG123A	
Q6	M25B	48-134805	GE-17	TR-21	PTC136	HEPS0015		RE 13	SK3018		RT-102	ECG123A	
Q7	M25A	48-134804	GE-17	TR-21	PTC136	HEPS0015		RE 13	SK3018		RT-102	ECG123A	
Q8	54B	48-134809	GE-20	TR-21	PTC136	HEPS0015		RE 13	SK3124		RT-172	ECG123A	
Q9	54D	48-134811	GE-20	TR-21	PTC136	HEPS0015		RE 13	SK3124		RT-172	ECG123A	
Q10	54B	48-134809	GE-20	TR-21	PTC136	HEPS0015		RE 13	SK3124		RT-172	ECG123A	
Q11	54B	48-134809	GE-20	TR-21	PTC136	HEPS0015		RE 13	SK3124		RT-172	ECG123A	
Q12	P5M	48-137553	GE-29		PTC111	HEPS5028		RE 43	SK3191		RT-155	ECT187	
Q13	B2K	48-137552	GE-28		PTC110	HEPS5027		RE 42	SK3188		RT-154	ECG186	

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA			
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C5	22 16V	23-43582B09			SD15-229
C22	47 10V	23-42674B23	PC50-16	TDC226M015FL	EV-1226
C31	33 10V	23-42582B01		VTT47D16	SD10-339
C37	4.7 35V	23-42582B13		TDC336M010FL	S035-4R79
C52	2 10V	23-43280A02		TDC475M035FL	S035-2R29
C66	2 10V	23-43280A02		TDC225M035FL	S035-2R29
C68	10 6V	23-43280A34	WBR10-25	TT6X10	TVA-1099.87
C73	47 10V	23-42674B23	PC50-16	VTT47D16	EV-1226
C80	.47 35V	23-42582B12		TDC474M050EL	S050-R479
C81	.47 35V	23-42582B12		TOC474M050EL	S050-R479
C82	.47 35V	23-42582B12		TOC474M050EL	S050-R479
C83	.47 35V	23-42582B12		TOC474M050EL	S050-R479
C90	4.7 16V	23-42674B36		TDC475M035FL	S035-4R79
C91	4.7 16V	23-42674B36		TDC475M035FL	S035-4R79
C92	4.7 35V	23-42582B13		TOC475M035FL	S035-4R79
C93	4.7 16V	23-42674B36		TOC475M035FL	SD35-4R79
C96	10 6V	23-43280A34	WBR10-25	TT6X10	TVA-1099.87
C97	10 6V	23-43280A34	WBR10-25	TT6X10	TVA-1099.87
C98	10 6V	23-43280A34	WBR10-25	TT6X10	TVA-1099.87
C99	10 6V	23-43280A34	WBR10-25	TT6X10	TVA-1099.87
C100	4.7 16V	23-42674B36		TDC475M035FL	S035-4R79
C101	4.7 16V	23-42674B36		TDC475M035FL	S035-4R79

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.

Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

ELECTROLYTIC CAPACITORS (cont)

ITEM No.	RATING	REPLACEMENT DATA			
		MFRG. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C102	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C103	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C104	100 3.5V	23-42582B11		TDC107M01DGL	SD4-1009
C105	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C106	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C107	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C108	4.7 16V	23-42582B13		TDC475M035FL	SD35-4R79
C109	20 16V	23-41928A24	WBR25-25	TT15X20A	TVA-1147
C110	20 16V	23-41928A24	WBR25-25	TT15X20A	TVA-1147
C111	20 16V	23-41928A24	WBR25-25	TT15X20A	TVA-1147
C112	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C113	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C114	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C115	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C121	400 16V	23-4267481D	PC500-16	TT15X400	TVA-1161.5
C122	.1 15V	23-43280A37		TDC104M050EL	SD50-R109
C123	.1 15V	23-43280A37		TDC104M050EL	SD50-R109
C124	.1 15V	23-43280A37		TDC104M050EL	SD50-R109
C125	.1 15V	23-43280A37		TDC104M050EL	SD50-R109
C130	250V 16V	23-41928A39	PC250-25	MTV250DE15	TVA-1161
C131	.47 35V	23-42582B12		TDC474M050EL	SD50-R479
C132	4.7 16V	23-42674836		TDC475M035FL	SD35-4R79
C133	47 25V	23-42674845	PC50-25	VTT47E25	EV-1326
C135	250 16V	23-41928A39	PC250-25	MTV250DE15	TVA-1161
C138	250 16V	23-41928A39	PC250-25	MTV250DE15	TVA-1161
C140	1 16V	23-42674828	WBR1-50	TT15X1	TVA-1140
C141	1 16V	23-42674828	WBR1-50	TT15X1	TVA-1140
C142	1 16V	23-42674828	WBR1-50	TT15X1	TVA-1140
C143	1 16V	23-42674828	WBR1-50	TT15X1	TVA-1140
C148	47 10V	23-42674823	PC50-16	VTT47D16	EV-1226
C149	47 10V	23-42674823	PC50-16	VTT47D16	EV-1226
C150	47 10V	23-42674823	PC50-16	VTT47D16	EV-1226
C151	47 10V	23-42674823	PC50-16	VTT47D16	EV-1226
C152	47 25V	23-42674845	PC50-25	VTT47E25	EV-1326
C153	47 25V	23-42674845	PC50-25	VTT47E25	EV-1326
C154	47 25V	23-42674845	PC50-25	VTT47E25	EV-1326
C155	47 25V	23-42674845	PC50-25	VTT47E25	EV-1326
C160	10 16V	23-42674831	WBR10-25	TT15X10	TVA-1145
C161	10 16V	23-42674831	WBR10-25	TT15X10	TVA-1145
C162	10 16V	23-42674831	WBR10-25	TT15X10	TVA-1145
C163	10 16V	23-42674831	WBR10-25	TT15X10	TVA-1145
C168	1000 10V	23-42674842	WBR1000-16	TC1210D	TVA-1128
C169	1000 10V	23-42674842	WBR1000-16	TC1210D	TVA-1128
C170	1000 10V	23-42674842	WBR1000-16	TC1210D	TVA-1128
C171	1000 10V	23-42674842	WBR1000-16	TC1210D	TVA-1128

FORD/LINCOLN MODELS 1FD4602, 1LN4606

CAPACITORS

ITEM No.	RATING	MFRG. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	22 N150 10%	21-43539A17			*	10TCP-Q22
C2	3.5-13	20-40613E02				
C3	.01		DC-103	MGP01	TA110	TG-S10
C4	2.2 NPO 10%	21-43539A14				
C6	.01		DC-103	MGP01	TA110	TG-S10
C7	2.5-6	20-40613E01				
C8	2.2 NPO 10%	21-43539A14				
C9	.01		DC-103	MGP01	TA110	TG-S10
C10	2.2 10%	21-43539A14				
C11	220 10%		DD-221		GP322	10TS-T22
C12	10 N220 5%	21-43539A66			*	10TCR-Q10
C13	1.5 NPO		DTZ-1R5	NPO1P5	CN0515	10TCC-V15
C14	.01		DC-103	MGP01	TA110	TG-S10
C15	.1 12V	21-41680A20	UK12-104		MAG1201	
C16	2.5-6	20-40613E01				
C17	5.6 N470 10%	21-43539A19			*	10TCT-V39
C18	3.9 N750 10%	21-43539A20				
C20	22 N150 10%	21-43539A17			*	10TCP-Q22
C21	.01		DC-103	MGP01	TA110	TG-S10
C23	.01		DC-103	MGP01	TA110	TG-S10
C25	.01		DC-103	MGP01	TA110	TG-S10
C26	.01		DC-103	MGP01	TA110	TG-S10
C27	.01		DC-103	MGP01	TA110	TG-S10
C28	.01		DC-103	MGP01	TA110	TG-S10
C29	.01		DC-103	MGP01	TA110	TG-S10
C30	.022 10%			DPMS2S22	EFW1A122	1PB-S22
C32	.0022 10%	8-42208B24		CD20FD912J03	SX291	
C33	100 10%	21-43538A50				
C34	.022 10%			DPMS2S22	EFW1A122	1PB-S22
C35	.01		DC-103	MGP01	TA110	TG-S10

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

CAPACITORS (cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C36	.022 10%			DPMS2S22	EFW1A122	1PB-S22
C38	390 5%	21-40367A33				
C39	.0022 10%	8-42208B24				
C40	.22 3V	21-41680A23	UK-224			
C41	.022 10%			DPMS2S22	MAG3022	
C42	.47 3V	21-41680A24	UK-474		EFW1A122	1PB-S22
C43	.033	8-42208B20			MAG3047	
C44	.022 10%			DPMS2S22	M192P3339R8	192P3339R8
C45	.47 3V	21-41680A24	UK-474		EFW1A122	1PB-S22
C50	25-150	20-40746A27			MAG3047	
C51	.002 5%	21-40367A35 (1)				
C53	.0047 10%					
C54	33 10%		DTZ-33	NP033	M192P4729R8	192P4729R8
C55	330 5%			CD15FD331J03	CN0433	10TCC-Q33
C56	10-60	20-43646B01			SX333	MWA-331
C57	180 5%			CD15FD181J03	SX318	MWA-181
C58	300 5%			CD15FD301J03	SX330	MWA-301
C60	.022 10%			DPMS2S22	EFW1A122	1PB-S22
C61	.0068 10%			WMF1D68	EFW1A268	1PB-D68
C62	10-60	20-43446B01				
C63	56 N750 5%	21-180D66		N56		10TCU-Q56
C64	330 5%			CD15FD331J03	SX333	MWA-331
C65	.0068 10%			WMF1D68	EFW1A268	1PB-D68
C67	1 10%	21-115956				
C69	.1	8-41719B48				
C70	.1	8-41719B48				
C71	150 N750 5%		DTN-150	N150	CN7315	10TCU-T15
C72	3.9 10%	21-128911				
C74	.001			DPMS601	EFW1A210	1PB-D10
C75	.001			DPMS601	EFW1A210	1PB-D10
C76	.01			WMF1S1	EFW1A110	1PB-S10
C77	.047	8-42208B13				1PB-S47
C84	220 5%			CD15FD221J03	SX322	MWA-221
C85	220			CD15FD221J03	SX322	MWA-221
C86	220			CD15FD221J03	SX322	MWA-221
C87	220			CD15FD221J03	SX322	MWA-221
C88	.1 10%	8-42208B03				
C89	.1 10%	8-42208B03				
C94	.1 10%	8-42208B03				
C95	.1 10%	8-42208B03				
C120	.1	8-42208B10				
C126	.047 10%	8-42208B18				
C127	.047 10%	8-42208B18				
C128	.047 10%	8-42208B18				
C129	.047 10%	8-42208B18				
C134	.1 12V	8-42208B18				
C136	.01	8-41719B48	UK12-104		MAG1201	
C137	.01		DC-103	MGP01	TA110	TG-S10
C144	.0082 10%		DC-103	MGP01	TA110	TG-S10
C145	.0082 10%			WMF1D82	EFW1A282	1PB-D82
C146	.0082 10%			WMF1D82	EFW1A282	1PB-D82
C147	.0082 10%			WMF1D82	EFW1A282	1PB-D82
C156	.001	8-42208B08		WMF1D82	EFW1A282	1PB-D82
C157	.001	8-42208B08		DPMS601	EFW1A210	
C158	.001	8-42208B08		DPMS601	EFW1A210	
C159	.001	8-42208B08		DPMS601	EFW1A210	
C164	.22 12V		UK12-204	DPMS601	EFW1A210	
C165	.22 12V		UK12-204		MAG12022	HY-370
C166	.22 12V		UK12-204		MAG12022	HY-370
C167	.22 12V		UK12-204		MAG12022	HY-370

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.
(1) Used in Model 1LN46D6 only.

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
R2	FM Tuning	10K	1-40299E71 18C40474E01 (5)				
R40	19kHz Mpx Adj	6800	18-43556C04				
R79	Preamp Level (Left Front)	4700	18-43556C02				
R80	Preamp Level (Right Front)	4700	18-43556C02				
R81	Preamp Level (Left Rear)	4700	18-43556C02				
R82	Preamp Level (Right Rear)	4700	18-43556C02				
R116a	Volume (Left Front)	50K Tap @ 28K	18-40002E01 18C40002E01 (5)				

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS' for the most up-to-date replacement.

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA			
			MFGR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.
R116b	Volume (Right Front)	50K Tap @ 28K				
R116c	Volume (Left Rear)	50K Tap @ 28K				
R116d	Volume (Right Rear)	50K Tap @ 28K				
R117a	Switch/On-Off/ Manual Program Tone (Left Front)	50K	18-40003E01 18C40003E01 (5)			
R117b	Tone (Right Front)	50K				
R117c	Tone (Left Rear)	50K				
R117d	Tone (Right Rear)	50K				
R118a	Balance (Left)	50K	18-43914C01 18C43914C01 (5)			
R118b	Balance (Right)	50K				
R119a	Fader (Left) (Front-Rear)	50K	18-43914C01 18C43914C01 (5)			
R119b	Fader (Right) (Front-Rear)	50K				

(5) Number on unit.

FORD/LINCOLN MODELS 1FD4602, 1LN4606

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	AM Ant Choke (2.5uH)	24-40788A04		4604	(1) Part of M1 (Tuner) (2) Part of T3 (3) Part of T5
L2	FM Ant	24-40139E01			
L3	FM RF	24-40141E01			
L4	FM Osc	24-40140E01			
L5	10.7MHz Trap (1uH)	24-40414E01			
L6	RF Choke	24-40206E01			
L7	AM Ant	(1)			
L8	AM RF	(1)			
L9	AM Osc	(1)			
T1	IF (10.7MHz)	24-40359E01			
T2	Quadrature	24-42147C03			
T3	IF (262kHz)	24-40464E01			
T4	IF (262kHz)	(2)			
T5	IF (262kHz)	24-40464E02			
T6	IF (262kHz)	(3)			

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.	
L10	340mA	.25	.12mH	30-40152E02			

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.

Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

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
E41	20A		In Fuse Block	SFE20		307020		

MISCELLANEOUS

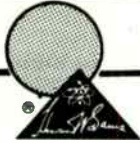
ITEM No.	PART NAME	PART No.	NOTES
M1	Tuning Coil Assembly	77-40239E01	AM/FM Complete
E7	Filter	91-43353A53 (1)	Ceramic, 10.7MHz (Blue dot)
E8	Filter	91-43353A53 (1)	Ceramic, 10.7MHz (Blue dot)
E18	Tape Head	59-40082E01	8-Track, 4 Channel Stereo Play
E26	Switch	1-43803C02	Auto Program Selector (Part of Tape Guide Assembly)
E27	Switch		Manual Program Selector (On Volume)
E29	Solenoid	24-42064B06	Headshift
E30	Motor	59-43774C01	Tape Transport (3000 rpm @ 13.16V)
S1	Switch	40-43963C01	AM/FM
S2	Switch	40-43711C01	Radio/Tape
S3	Switch	1-40299E17	Quad/Stereo
S4	Switch		Power (On Volume)
S5	Switch	1-40299E30	Mode
S6	Switch	40-43710C01	Motor Power
	Printed Circuit Board	84-40443E01	FM Tuner
	Printed Circuit Board	84-40456E01	AM-FM IF/MPX
	Printed Circuit Board	84-40444E01	Audio Preamp
	Printed Circuit Board	84-40458E01	Audio Amp
	Connector Assembly	30-40303E01	Ant receptacle to AM-FM IF PC Board
	Connector Assembly	30-40301E01	AM Tuning to AM-FM IF PC Board
	Connector Assembly	30-40302E01	Vol/Tone To Audio Board
	Connector Assembly	30-40287E01	Tape/Radio
	Connector	15-40157E02	Tape Head (2 used)
	Cable Assembly	30-40125E01	Includes Filter Choke
	Cable Assembly	30-41692B05	Speaker

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

ITEM	PART No.	ITEM	PART No.
Escutcheon, Trim: includes dial scale	13-43724C02	Pointer, Dial	52-40239E21
Door, Tape	15-40219E01	Pushbutton	38-40239E13
Shaft, Tape Door	47-41941B12	Button, FM Selector	38-43670C01
Spring, Tape Door	41-40873C02	Button, AM Selector	38-43670C02

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
	8524 (Stranded) Available in 12 Colors
Shielded Hook-up Wire	Use BELDEN No. 8885
Rear Seat Speaker Extension Cable	Use BELDEN No. 8782 (Stranded) Coded Parallel Leads
Bonding Strap	Use BELDEN No. 8661 (3/8 In.) or 8670 (3/4 In.)
Ignition Noise Suppression	Use BELDEN No. 7300-Series Spark-Plug Sets



MODEL 65-416

MEDALLION MODEL 65-416

ALIGNMENT INSTRUCTIONS

Check for specified source voltage.
Use only enough generator output
to provide a usable indication.

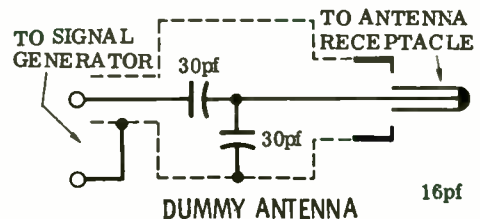
Suggested Alignment Tools: GC ELECTRONICS:
ALL 8290, 8868, 9087

PUSH-BUTTON ADJUSTMENT

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

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
High side thru .1uF to point A, low side to ground.	455kHz 400-Hz mod.	High freq. end stop.	Output meter across voice coil.	T402 CF401	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	"	TC402 TC401 TC001	"
Tuner alignment is not necessary unless associated components have been disturbed.					
Thru dummy antenna to antenna input.	600kHz	Tune to signal	Output meter across voice coil.	T401	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 TC001 for maximum output. Antenna adjustment TC001 is located on bottom right rear corner.



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

© 1976 Howard W. Sams & Co., Inc. Printed in U. S. of America 6AN940

ALIGNMENT INSTRUCTIONS (Continued)

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

High side of generator thru .001uF to point A, low side to ground.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz Unmodulated	Point of non-interference	DC probe of VTVM to point B, common to ground.	(1) T202, T101	Adjust for maximum.
"	"	DC probe of VTVM to point C, common to ground.	T203	Adjust for zero reading. A positive or negative reading will be obtained on either side of correct setting.
10.7MHz Unmodulated	Point of non-interference	DC probe of VTVM to point D, common to ground.	T201	Adjust for maximum.

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

High side of generator thru .001uF to point A, low side to ground.
Use 60-hertz frequency modulated signal with 450kHz sweep.
Use 60-hertz sawtooth voltage in scope for horizontal deflection.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz 450kHz Sweep	Point of non-interference	Vert input of scope to point B, low side to ground.	(1) T202, T101	Disconnect stabilizing capacitor C210. Adjust for maximum gain and symmetry of response similar to Fig. 1. Reconnect C210.
"	"	Vert input of scope to point C, low side to ground.	T203	Adjust T203 for maximum amplitude and straightness of line to Fig. 2.

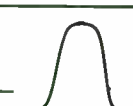


FIG. 1

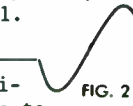


FIG. 2

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.

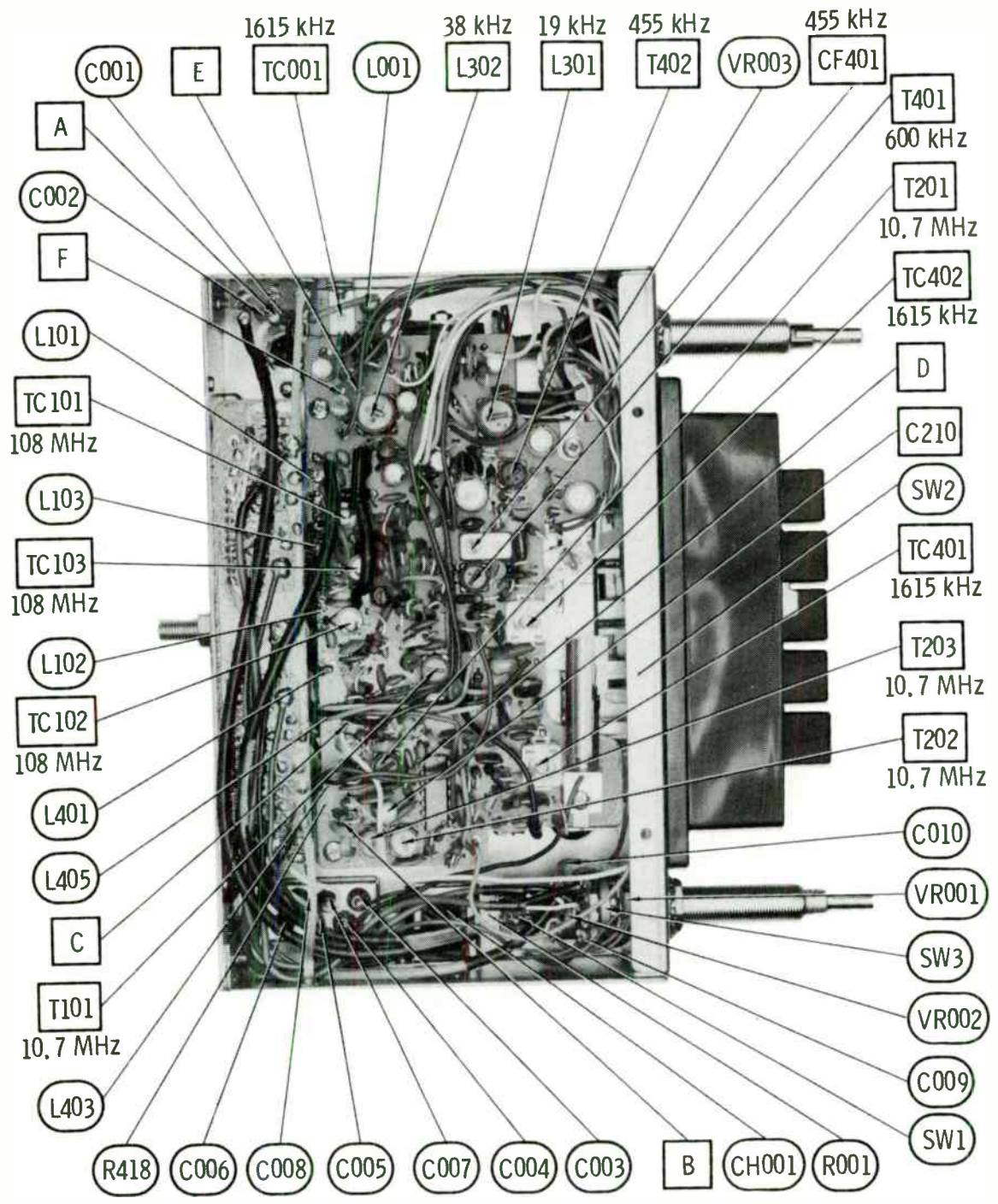
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
108MHz Unmodulated	Tune to signal	DC probe of VTVM to point B, common to ground.	TC103, TC102, TC101	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

(1) Before adjusting, vary generator frequency slightly. Maximum output indicates exact IF.

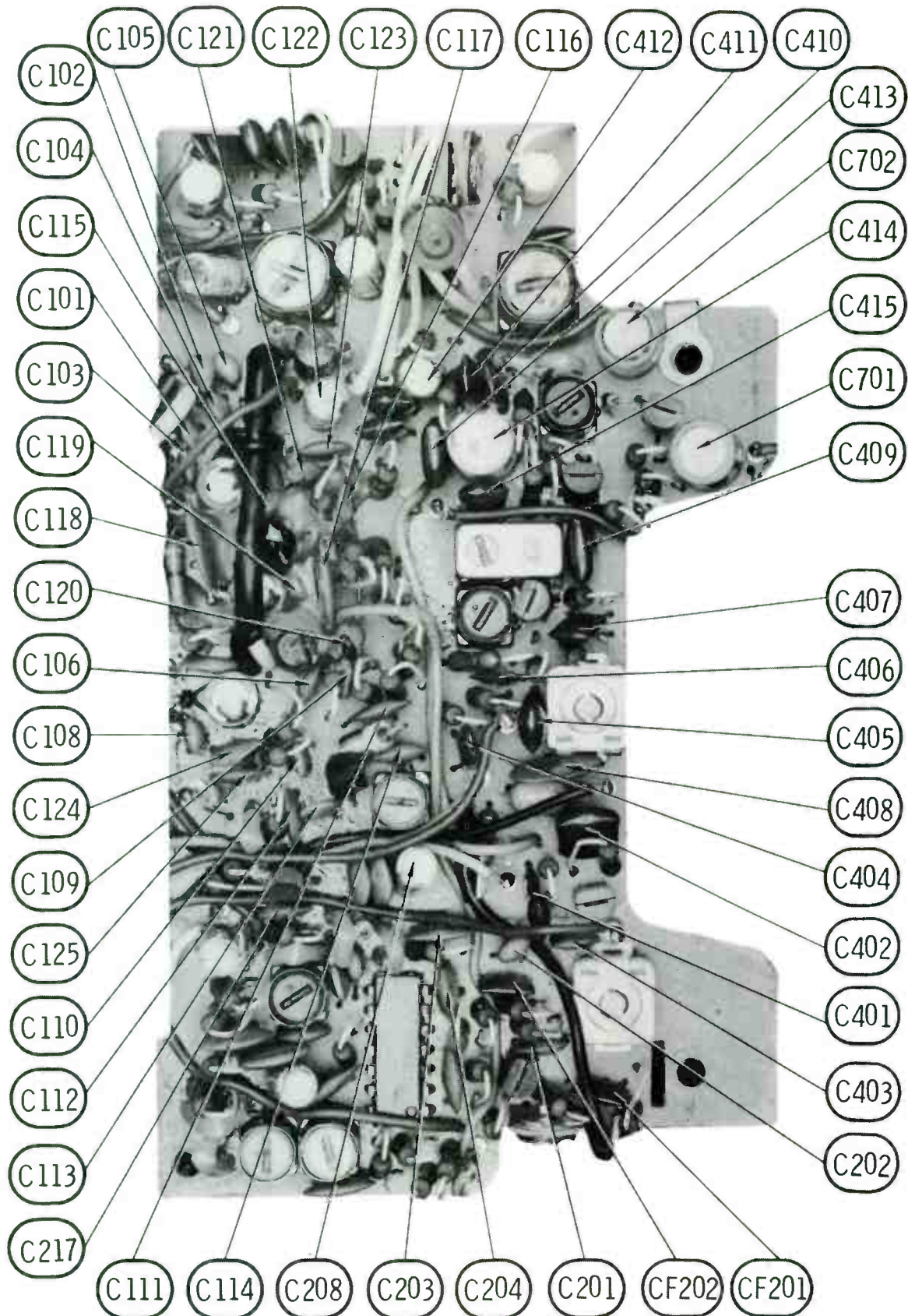
FM STEREO MULTIPLEX ALIGNMENT USING FM STEREO SIGNAL GENERATOR ($\pm .0001\%$ ACCURACY)

High side of generator thru 47K to point A, low side to ground.

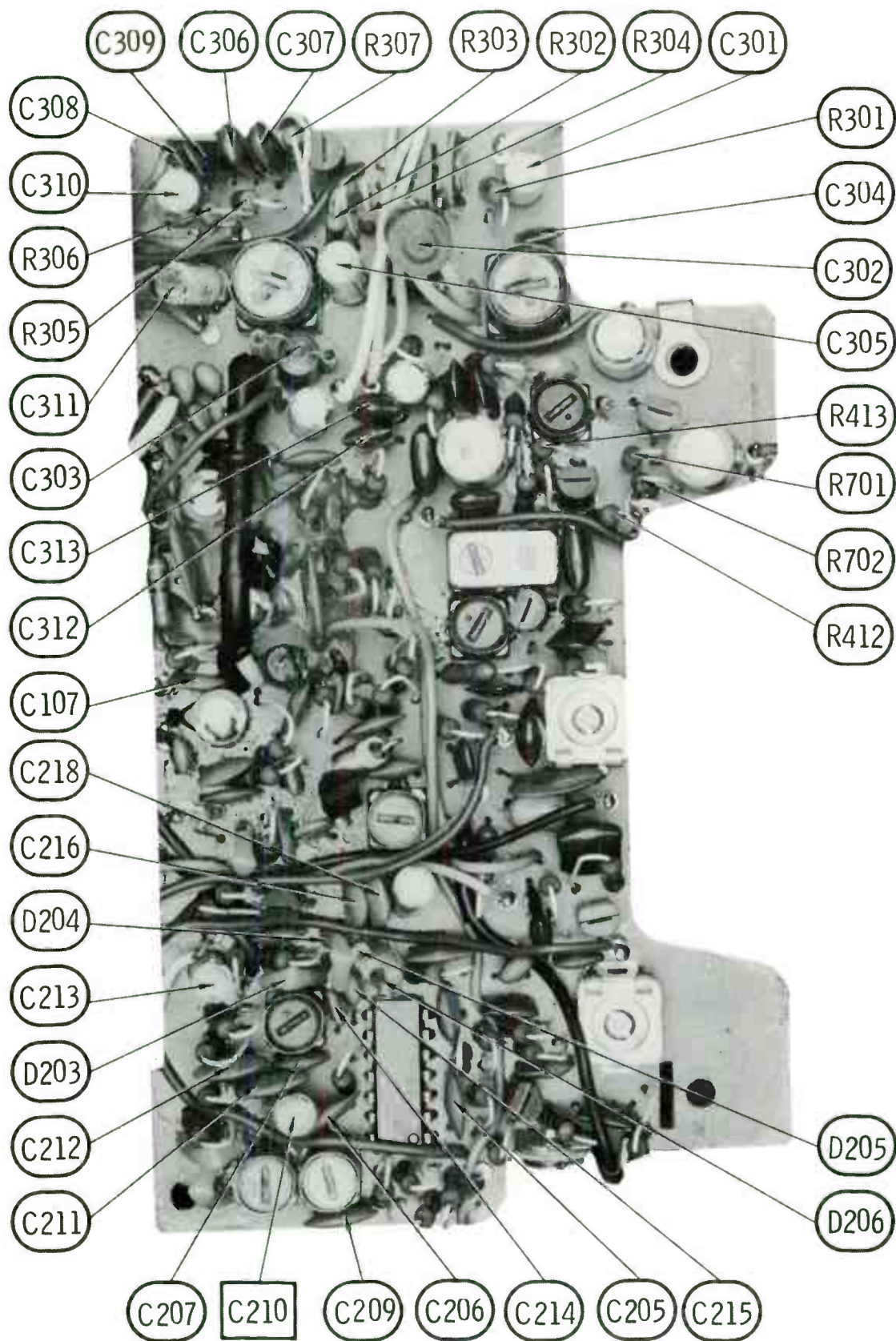
GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
Modulated Left Channel	Vert input of scope to point E, low side to ground.	L301, L302, VR301	Adjust for MINIMUM. This step should require only slight adjustment.
Modulated Right Channel	Vert input of scope to point F, low side to ground.		Check for MINIMUM. If necessary, make compromise adjustment of L301, L302, VR301.



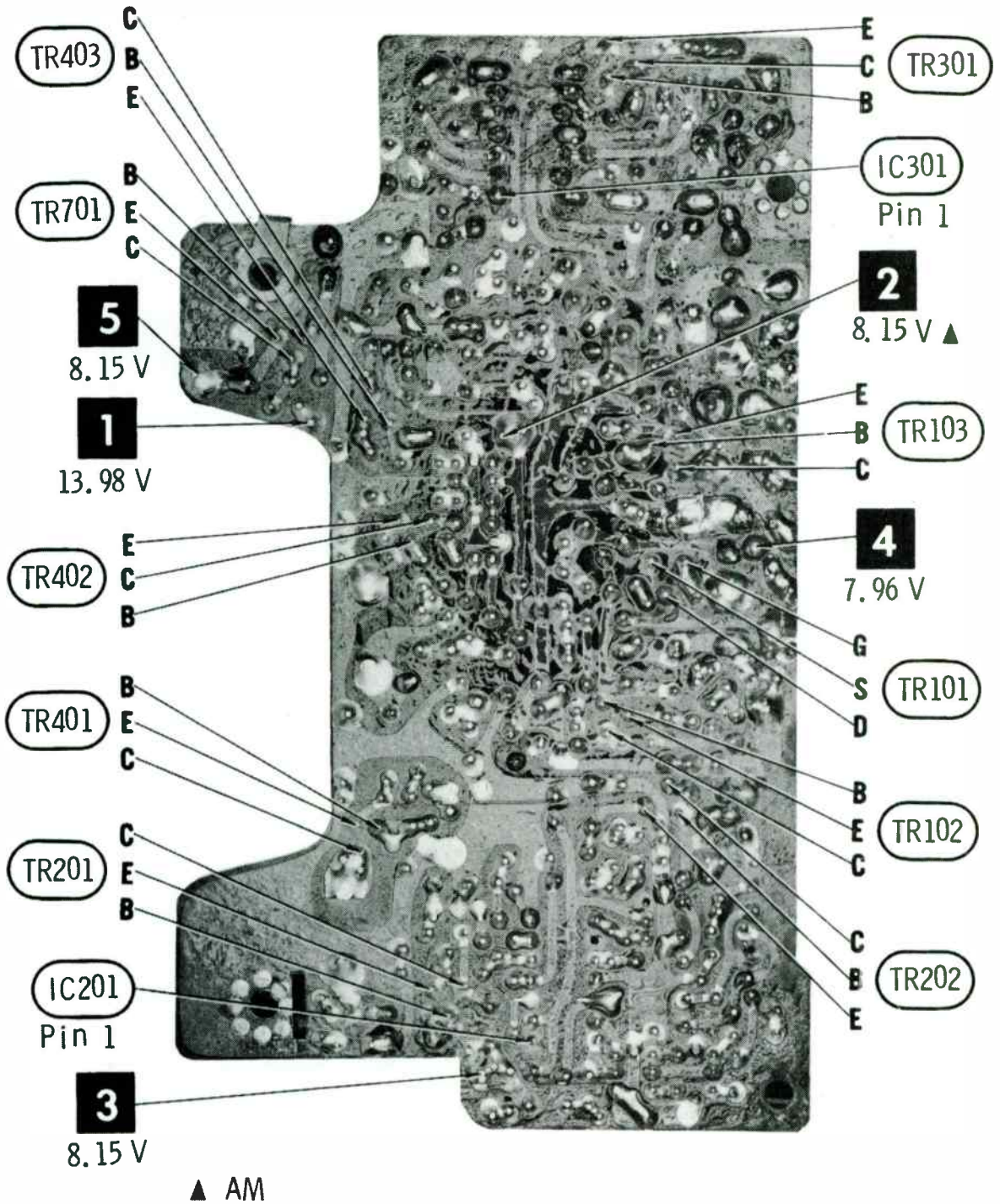
CHASSIS-TOP VIEW



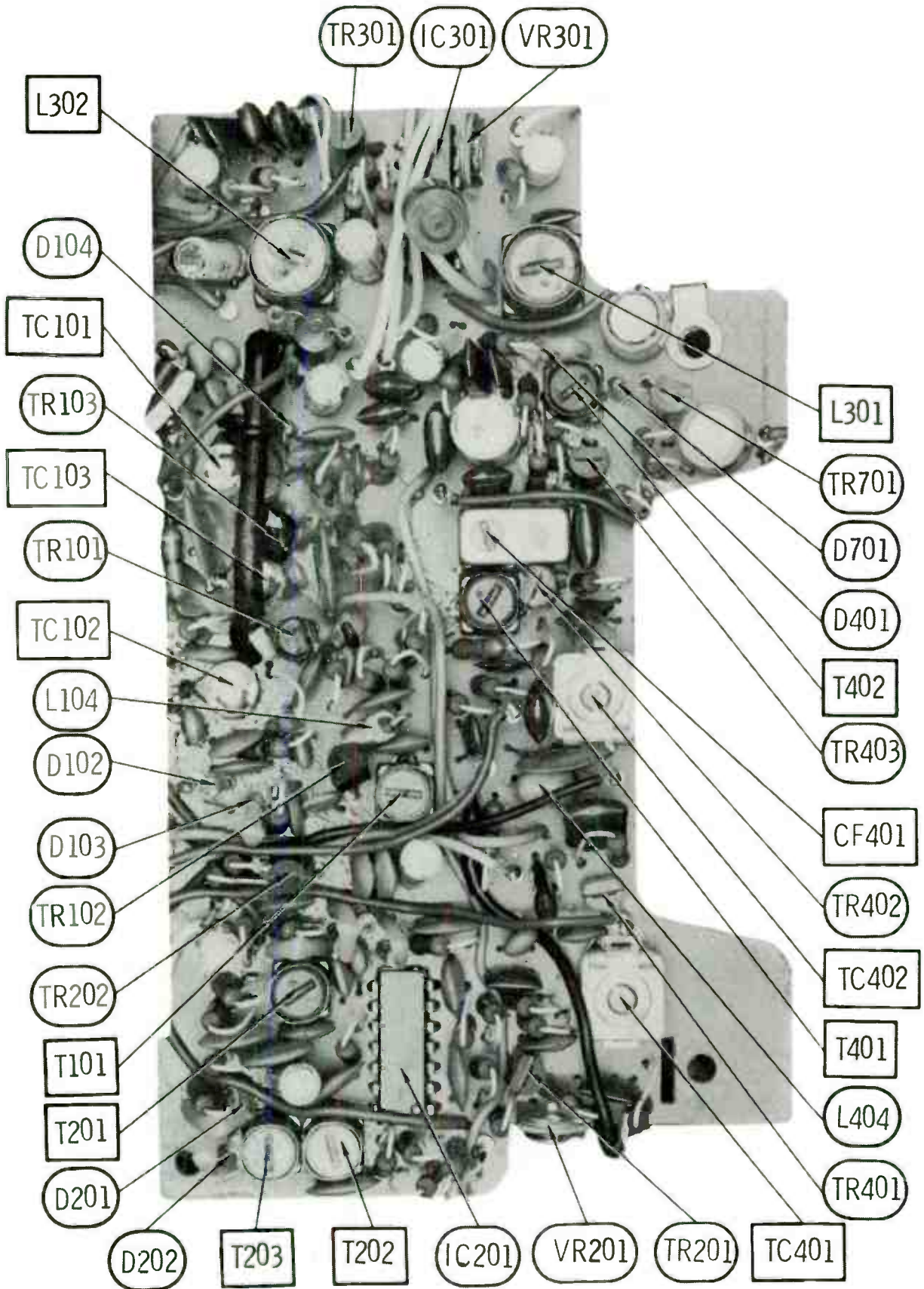
MAIN BOARD



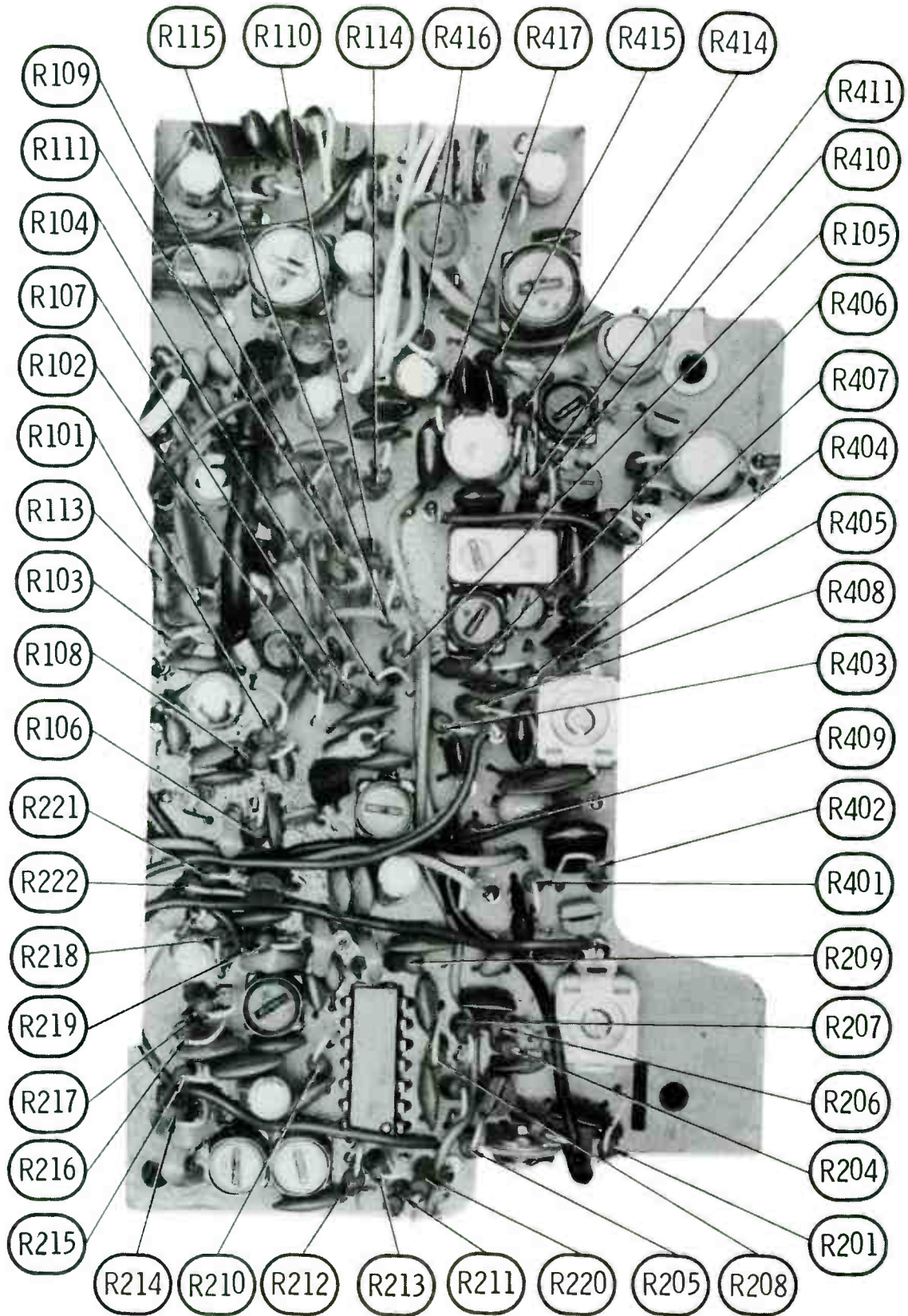
MAIN BOARD



MAIN BOARD

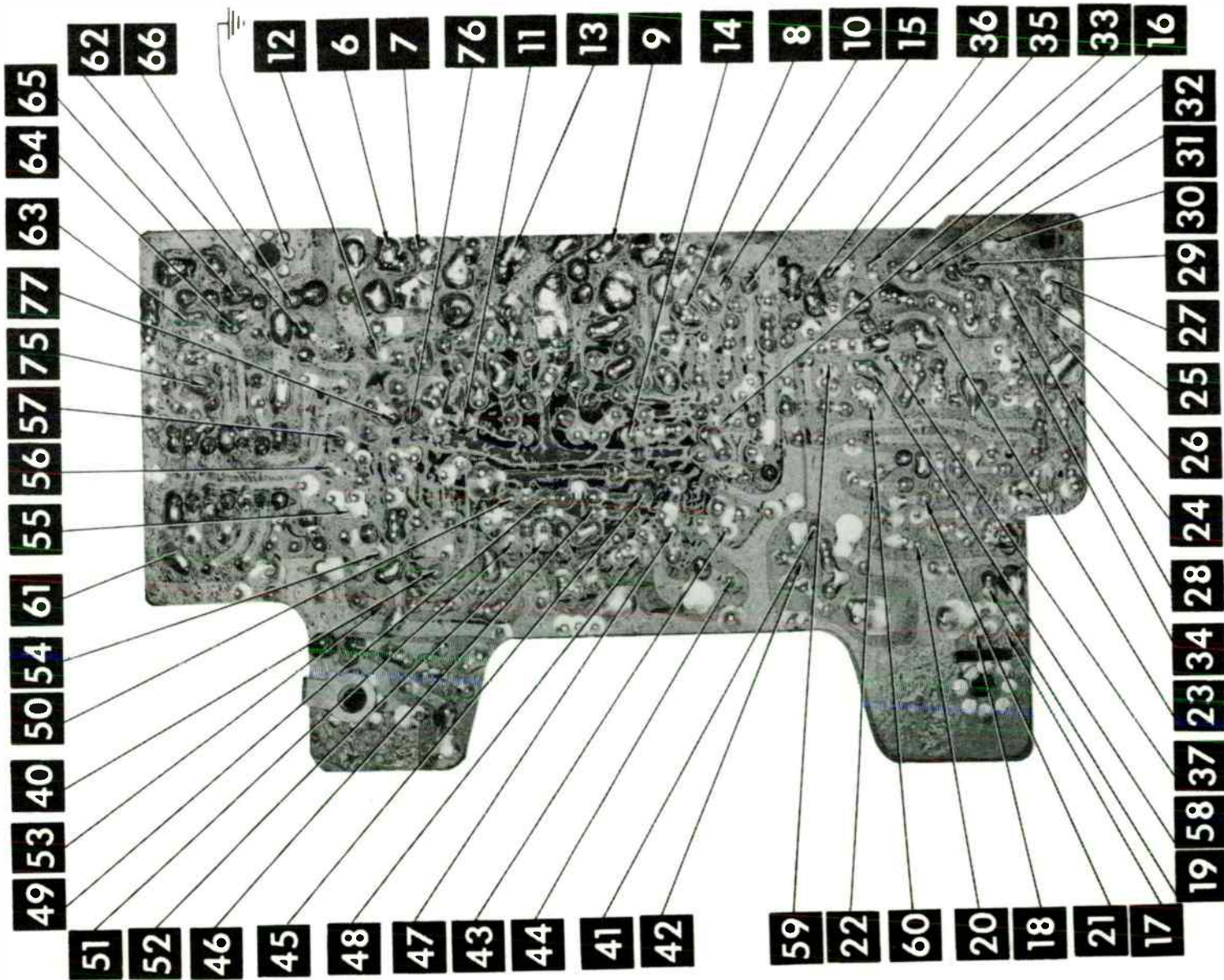


MAIN BOARD

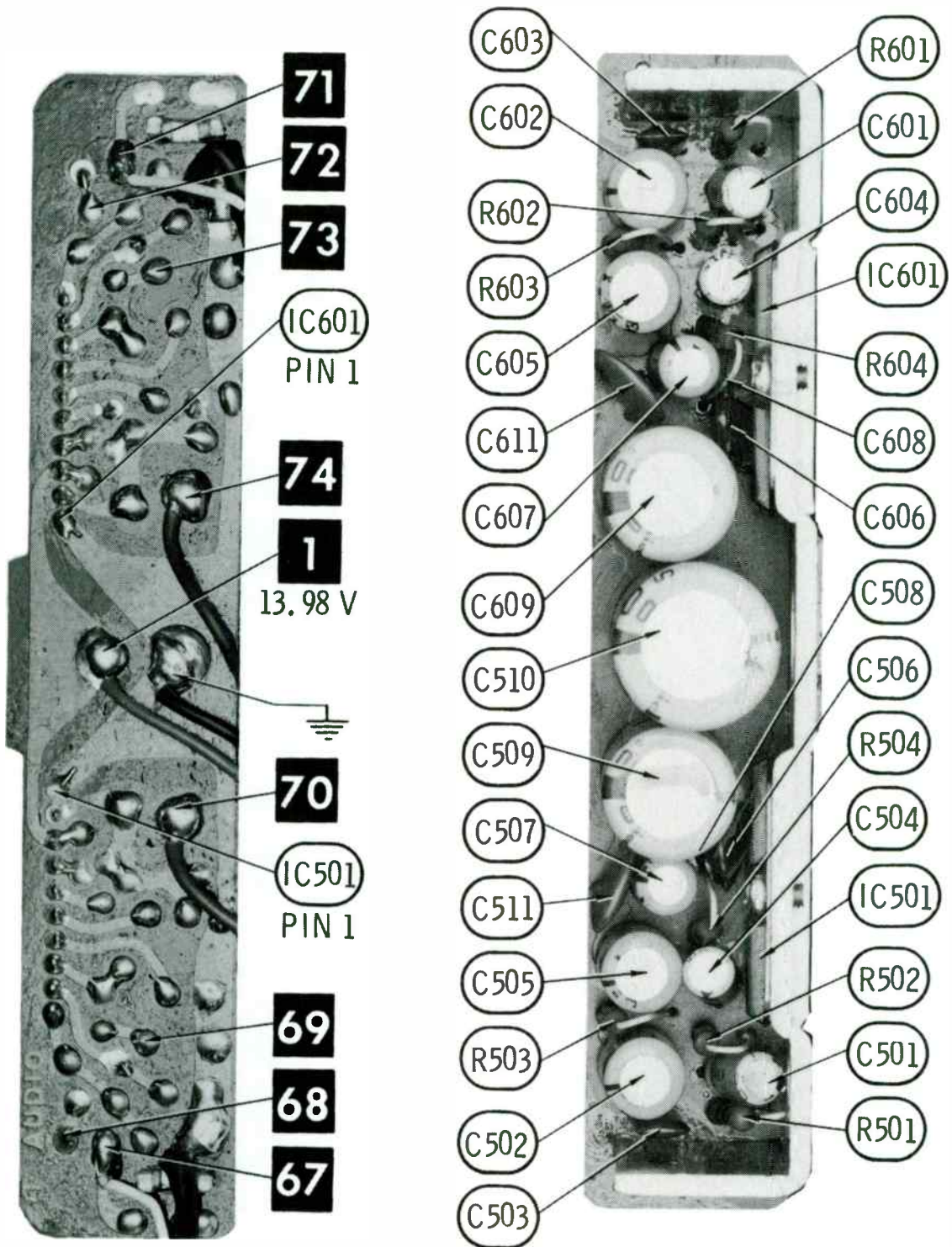


MAIN BOARD

MEDALLION MODEL 65-416



MAIN BOARD



AUDIO BOARD

PARTS LIST AND DESCRIPTION

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.

Have your local distributor check Sams COUNTER FACTS[®] for the most up-to-date replacement.

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D102	1N60	09-306019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D103	1N60	09-306019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D104	1S2687		GE-90	D201		HEPR2503	RE 195	SK3126	RT-262	
D201	1N60	09-306019	1N60(7)	1N60 (7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)
D202	1N60	09-306019								
D203	1N60	09-306019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D204	1N60	09-306019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D205	1N60	09-306019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D206	1N60	09-306019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D401	1N60	09-306019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D701	RD9.1EB	09-306401	GEZD-9.1		ZB9.1B				RT-240	ECG139
IC201	LA-1201	09-308008	GEIC-43				RE 329-IC			ECG1003
IC301	LA-3301	09-308064	GEIC-38		PTC721	HEPC6094P	RE 326-IC		TVCM-6	ECG1006
IC501	TA-7204P	09-308086								ECG1153
IC601	TA-7204P	09-308086								ECG1153
TR101	2S19Y	09-305014	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG132
TR102	2S1674		GE-39	TR-95	PTC132	HEPS0010	RE 9	SK3018	RT-108A	ECG229
	2S922L	09-302220(1)	GE-17	TR-24	PTC115	HEPS0025	RE 9	SK3018	RT-107A	ECG107
TR103	2S1675		GE-20	TR-24	PTC121	HEPS0015	RE 9	SK3018	RT-107A	ECG229
	2S839H	09-302124(1)	GE-61	(IR)2SC644	PTC132	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
TR201	2S1675		GE-20	TR-24	PTC121	HEPS0015	RE 9	SK3018	RT-107A	ECG123A
	2S839H	09-302124(1)	GE-61	(IR)2SC644	PTC132	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
TR202	2S945L,R	09-302125	GE-20	(IR)2SC945	PTC121	HEPS0015	RE 192	SK3124	RT-107A	ECG199
TR301	2S945L,R	09-302125	GE-20	(IR)2SC945	PTC121	HEPS0015	RE 192	SK3124	RT-107A	ECG199
TR401	2S1695		GE-20	TR-24	PTC121	HEPS0015	RE 9	SK3018	RT-107A	ECG229
	2S839H	09-302124(1)	GE-61	(IR)2SC644	PTC132	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
TR402	2S1675		GE-20	TR-24	PTC121	HEPS0015	RE 9	SK3018	RT-107A	ECG229
	2S839H	09-302124(1)	GE-61	(IR)2SC644	PTC132	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
TR403	2S1675		GE-20	TR-24	PTC121	HEPS0015	RE 9	SK3018	RT-107A	ECG229
	2S839H	09-302124(1)	GE-61	(IR)2SC644	PTC132	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
TR701	2S945L,R	09-302125	GE-20	(IR)2SC945	PTC121	HEPS0015	RE 192	SK3124	RT-107A	ECG199

(1) Used in some versions.

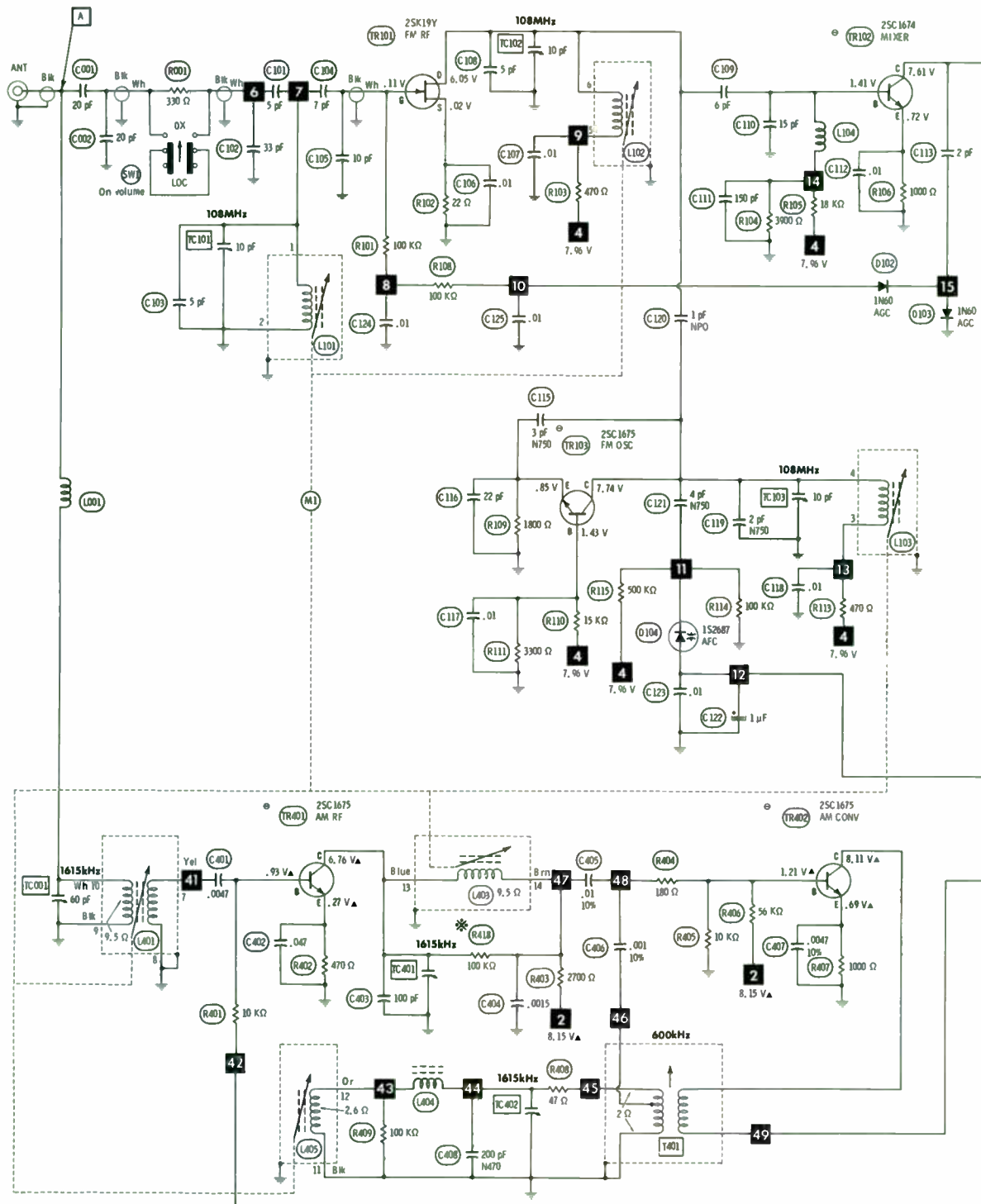
(6) Matched pair.

(7) Two required - select matched pair.

MEDALLION MODEL 65-416

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA			
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C122	1 6.3V	77-332105	PC1-50	TT6X1	EV-1315
C208	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C210	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C213	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C301	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C305	4.7 10V	77-336475	PC5-50	VTT4R7A50	EV-1319
C310	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C311	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C412	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C414	.33 16V	77-337336	PC30-25	VTT33D25	EV-1325
C501	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C502	100 10V	77-336107	PC100-10	VTT100E10	EV-1130
C504	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C505	100 10V	77-336107	PC100-10	VTT100E10	EV-1130
C507	47 10V	77-336476	PC50-16	VTT47D16	EV-1226
C509	1000 10V	77-336108	PC1000-16	TC12100	EV-1160
C510	1000 16V	77-337108	PC1000-16	VTT1000L16	EV-1260
C601	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C602	100 10V	77-336107	PC100-10	VTT100E10	EV-1130
C604	10 10V	77-336106	PC10-25	VTT10A25	EV-1222
C605	100 10V	77-336107	PC100-10	VTT100E10	EV-1130
C607	47 10V	77-336476	PC50-16	VTT47D16	EV-1226
C609	1000 10V	77-336108	PC1000-16	TC12100	EV-1160
C701	47 16V	77-337476	PC50-16	VTT47D16	EV-1226
C702	47 16V	77-337476	PC50-16	VTT47D16	EV-1226

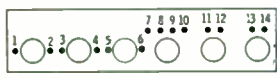
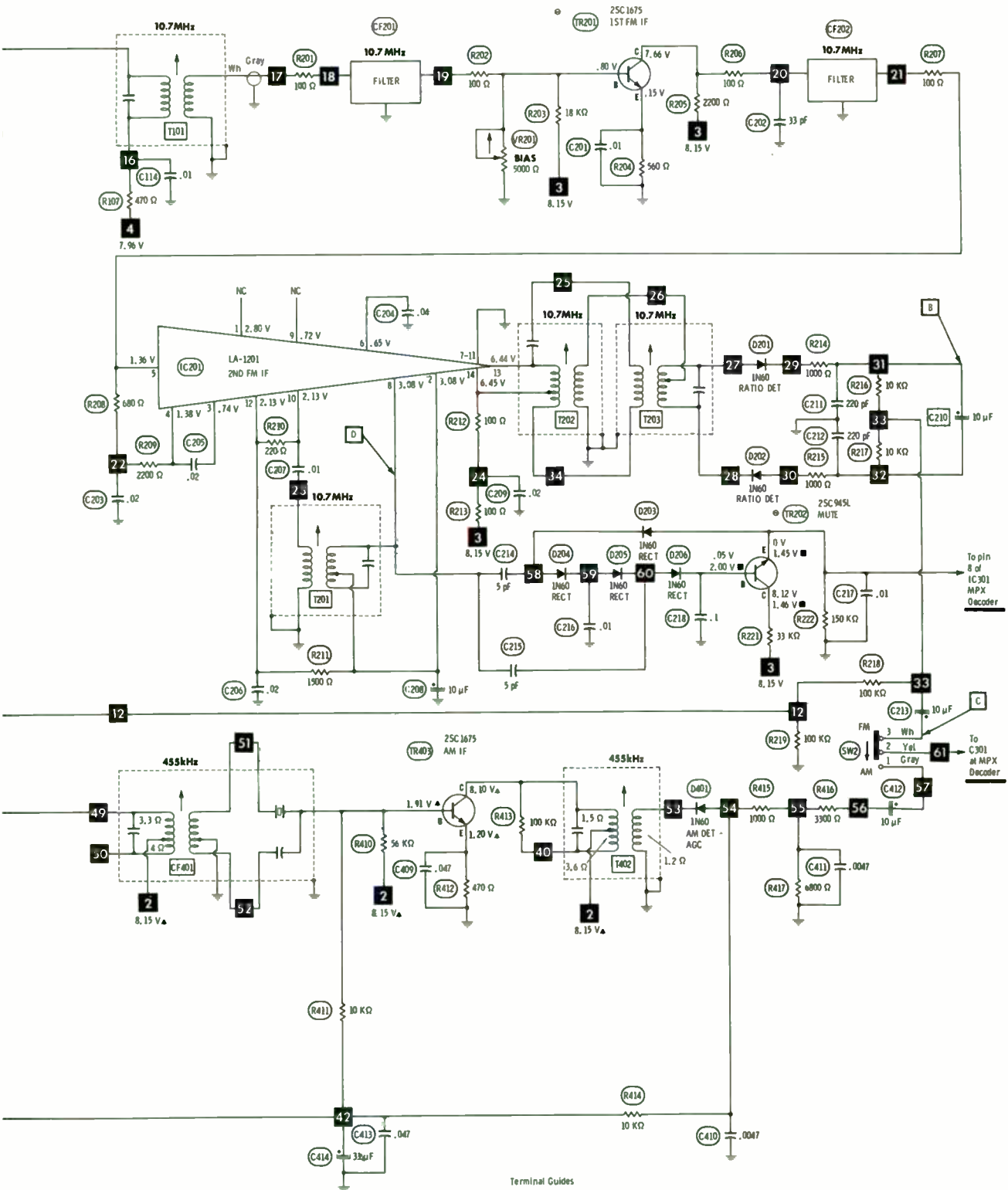


- *— Circuitry not used in some versions
- - - Circuitry used in some versions
- ⊙ See ports list
- ⊕ Nominal value
- ⊕ Ground
- ⊕ Chassis
- ▽ Common tie point

Measurements with switching as shown unless noted:
 ■ FM Stereo signal ▲ AM

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 PHOTOFAC STANDARD NOTATION SCHEMATIC
 WITH CIRCUITRACE



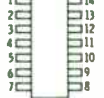
A1 Rear view



TR102, TR103, TR201, TR202, TR401 thru TR403 Bottom view



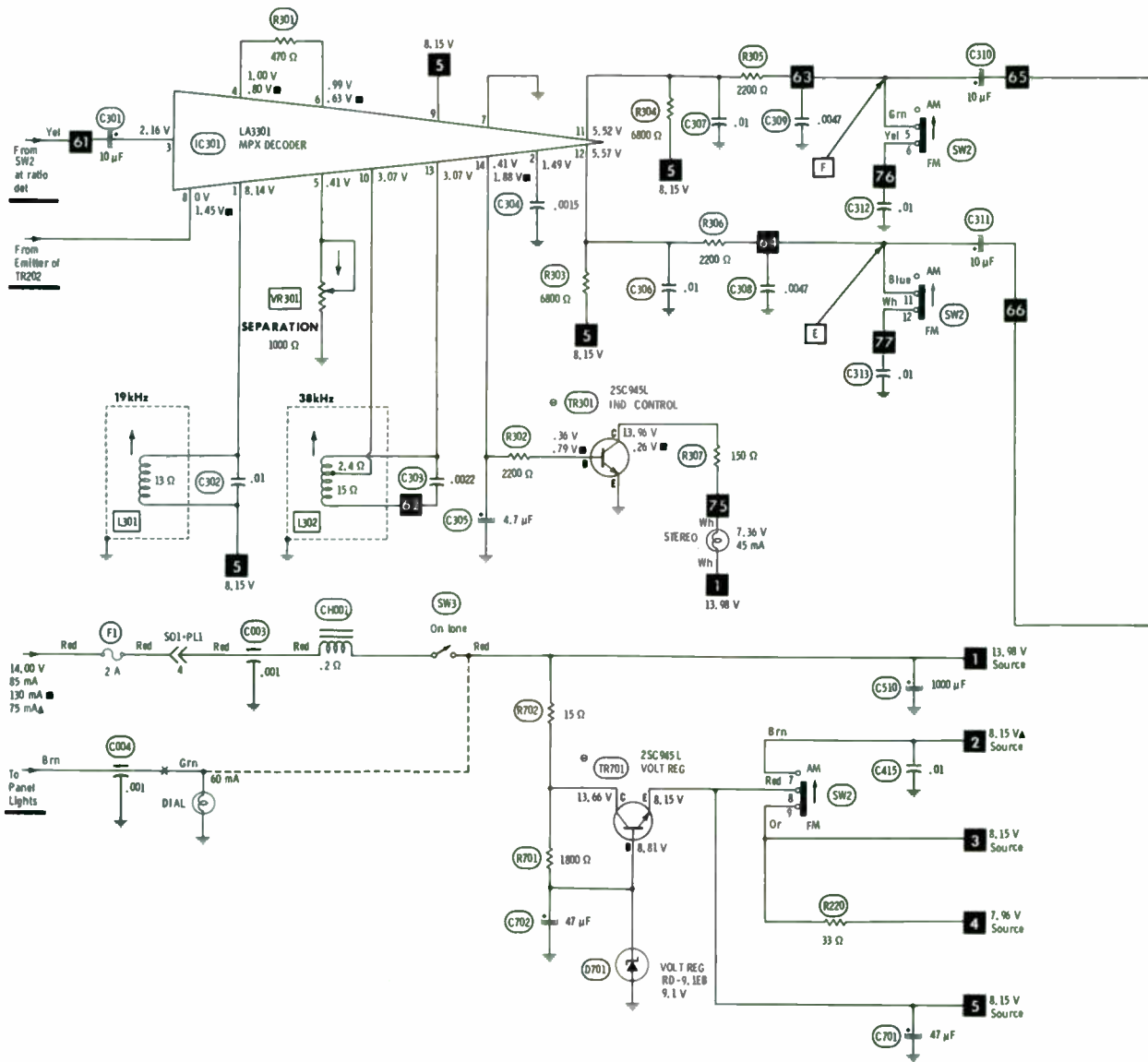
TR101 Bottom view



IC201 Top view



SW2 Rear view



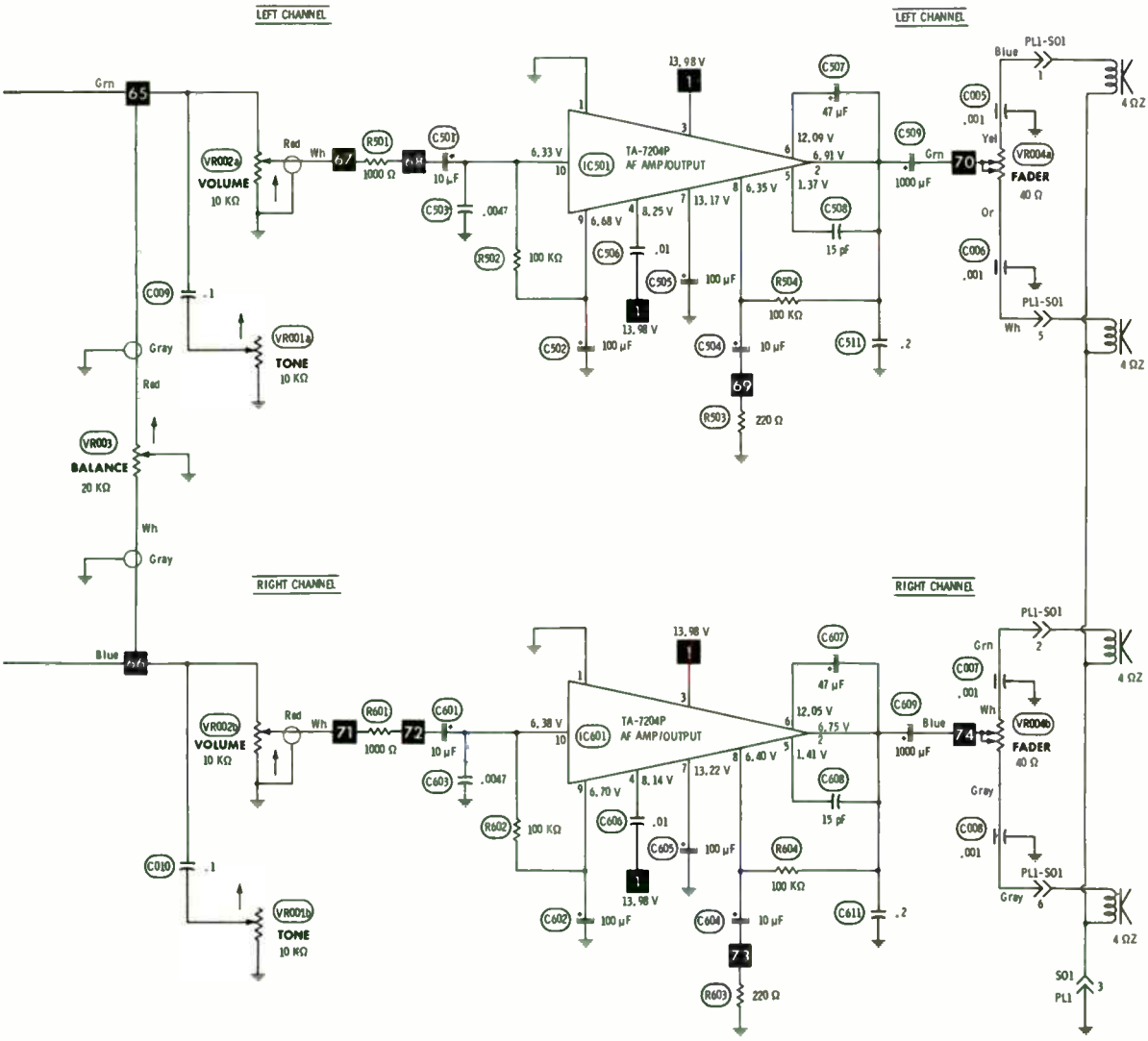
- *— Circuitry not used in some versions
- - - Circuitry used in some versions
- ⊙ See ports list
- ⊛ Nominal value
- ⊕ Ground
- ⊞ Chassis
- ▽ Common tie point

A PHOTOFAC TANDARD NOTATION SCHEMATIC
WITH **CIRCUITRACE**

© Howard W. Sams & Co., Inc. 1976

Measurements with switching as shown unless noted:
■ FM Stereo signal ▲ AM

Supply voltage maintained as shown of input.
Voltages measured with digital meter, no signal.
Controls adjusted for normal operation.
Arrow of 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.



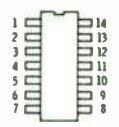
Terminal Guides



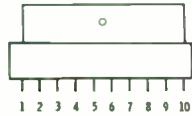
SW2
Rear view



TR301, TR701
Bottom view



IC301
Top view



IC501, IC601
Side view



PL1-S01
Plug pin view

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS[®] for the most up-to-date replacement.

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C001	20		DTZ-20	NP020	CN0420	10TCC-Q20
C002	20		DTZ-20	NP020	CN0420	10TCC-Q20
C003	.001					
C004	.001					
C005	.001					
C006	.001					
C007	.001					
C008	.001					
C009	.1 12V		DC-104	MGP1	TA010	TG-P10
C010	.1 12V		DC-104	MGP1	TA010	TG-P10
C101	5		DTZ-4R7	NP04P7	CN0547	10TCC-V47
C102	33		DTZ-33	NP033	CN0433	10TCC-Q33
C103	5		DTZ-4R7	NP04P7	CN0547	10TCC-V47
C104	7		DTZ-6R8	NP06P8	CN0568	10TCC-V68
C105	10		DTZ-10	NP010	CN0410	10TCC-Q10
C106	.01		UK50-103	MGP01	MAG5011	TG-S10
C107	.01		UK50-103	MGP01	MAG5011	TG-S10
C108	5		DTZ-4R7	NP04P7	CN0547	10TCC-V47
C109	6		DTZ-6R8	NP06P8	CN0568	10TCC-V68
C110	15					
C111	150		DD-151		GP315	10TS-T15
C112	.01		UK50-103	MGP01	MAG5011	TG-S10
C113	2		DTZ-2R2	NP02P2	CN0522	10TCC-V22
C114	.01		UK50-103	MGP01	MAG5011	TG-S10
C115	3 N750					
C116	22		DTZ-22	NP022		
C117	.01		UK50-103	MGP01	MAG5011	TG-S10
C118	.01		UK50-103	MGP01	MAG5011	TG-S10
C119	2 N750					
C120	1 NPO				CN0510	10TCC-V10
C121	4 N750					
C123	.01		UK50-103	MGP01	MAG5011	TG-S10
C124	.01		UK50-103	MGP01	MAG5011	TG-S10
C125	.01		UK50-103	MGP01	MAG5011	TG-S10
C201	.01		UK50-103	MGP01	MAG5011	TG-S10
C202	33		DTZ-33	NP033	CN0433	10TCC-Q33
C203	.02		UK50-223		MAG5012	TG-S20
C204	.04				GP140	5GA-S40
C205	.02		UK50-223		MAG5012	TG-S20
C206	.02		UK50-223		MAG5012	TG-S20
C207	.01		UK50-103	MGP01	MAG-5011	TG-S10
C209	.02		UK50-223		MAG-5012	TG-S20
C211	220		DD-221		GP322	10TS-T22
C212	220		DD-221		GP322	10TS-T22
C214	5		DTZ-4R7	NP04P7	CN0547	10TCC-V47
C215	5		DTZ-4R7	NP04P7	CN0547	10TCC-V47
C216	.01		UK50-103	MGP01	MAG-5011	TG-S10
C217	.01		UK50-103	MGP01	MAG-5011	TG-S10
C218	.1		DC-104	MGP1	TA010	TG-P10
C302	.01 50V	78-351103				
C303	.0022 50V	78-351222			SXM222	
C304	.0015		DD-152G		GP215	5GA-D15
C306	.01		UK50-103	MGP01	MAG-5011	TG-S10
C307	.01		UK50-103	MGP01	MAG-5011	TG-S10
C308	.0047	78-651472				
C309	.0047	78-651472				
C312	.01		UK50-103	MGP01	MAG-5011	TG-S10
C313	.01		UK50-103	MGP01	MAG-5011	TG-S10
C401	.0047		DD-472	GP4700	GP247	5GA-D47
C402	.047		DC-503	MGP05	TA150	TG-S50
C403	100					
C404	.0015		DD-152G		GP215	5GA-D15
C405	.01 10%	78-651103				
C406	.001 10%		DD-102		GP210	10TS-D10
C407	.0047 10%	78-651472				
C408	200 N470				*	10TCT-T20
C409	.047		DC-503	MGP05	TA150	TG-S50
C410	.0047	78-651472				
C411	.0047	78-651472				
C413	.047		DC-503	MGP05	TA150	TG-S50
C415	.01		UK50-103	MGP01	MAG5011	TG-S10
C503	.0047	78-651472				
C506	.01		UK50-103	MGP01	MAG5011	TG-S10
C508	15		DTZ-15	NP015	CN0415	10TCC-Q15
C511	.2 12V		UK16-204		MAG12022	HY-370
C603	.0047	78-651472				
C606	.01		UK50-103	MGP01	MAG5011	TG-S10
TC101	10 Trimmer	65-123032				
TC102	10 Trimmer	65-123032				
TC103	10 Trimmer	65-123032				
TC401	70 Trimmer	65-123039				
TC402	70 Trimmer	65-123039				

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

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS' for the most up-to-date replacement.

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA				
			MFGR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
VR001a	Tone-Left	10K	65-160054 (18)				
VR001b	Tone-Right/Power Switch	10K	(18)				
VR002a	Volume-Left	10K	(18)				
VR002b	Volume-Right/Loc-Dist Switch	10K	(18)				
VR003	Balance	20K	65-162029				
VR004a	Fader	40 2W	65-165001 (19)				
VR004b	Fader	40 2W	(19)				
VR201	Bias	5000	65-164017				
VR301	Separation	1000	65-164018				

(18) Includes VR001a, VR001b, VR002a, VR002b.

(19) Includes VR004a, VR004b.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
CF401	IF (455kHz)	65-179012			(1) Part of M1 (Tuner)
L001	AM Ant Choke (8.2uH)	65-176064			
L101	FM Ant	(1)			
L102	FM RF	(1)			
L103	FM Oscillator	(1)			
L104	10.7 MHz Trap (1.5uH)	65-178967			
L301	19kHz	65-094037	5N12/2526		
L302	38kHz	65-094037	5N12/3103		
L401	AM Antenna	(1)			
L403	AM RF	(1)			
L404	Image Trap (4.7uH)	65-176052			
L405	AM Osc Tuning	(1)			
T101	IF (10.7MHz)	65-090120	A750/111H		
T201	IF (10.7MHz)	65-090121	470/053/5NJ1		
T202	Ratio Detector (Pri)	65-090105			
T203	Ratio Detector (Sec)	65-093023			
T401	AM Oscillator	65-170033			
T402	IF (455kHz)	65-090107	M222/162N		

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.	
CH001	130 mA	.2	.2mH	65-178068			

MEDALLION MODEL 65-416

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

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
F1	2 Amp	65-204002		AGC2	HDJ	312002	150145	FG2-2

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF201	Filter	65-179012 (1)	Ceramic 10.7MHz
CF202	Filter	65-179012 (1)	
M1	Tuner	65-078035	Loc-Dx. On Volume Control AM-FM Selector Power On Tone Control
S1	Switch	65-183063	
S2	Switch		
S3	Switch		

(1) When replacing, CF201 and CF202 should also be replaced.

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

ITEM	PART No.	ITEM	PART No.
Escutcheon	65-023030	Dial Pointer	65-150147
Knob, Volume or Tuning (Ford)	65-115020	Dial Glass	65-150148
Knob, Volume or Tuning (GM)	65-115022	Knob, Balance	65-115018
Knob, Tone or Fader (Ford)	65-115019	Knob, Selector	65-115017
Knob, Tone or Fader (GM)	65-115021		

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Shielded Hook-up Wire	Use BELDEN No. 8885
Rear Seat Speaker Extension Cable	Use BELDEN No. 8782 (Stranded) Coded Parallel Leads
Bonding Strap	Use BELDEN No. 8661 (3/8 In.) or 8670 (3/4 In.)
Ignition Noise Suppression	Use BELDEN No. 7300-Series Spark-Plug Sets



PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index



MODEL TP-8001E

PIONEER MODEL TP-8001E

ADJUSTMENTS

ADJUST	REMARKS
Head Azimuth	Play a test cartridge and adjust B1 for maximum on an AC VTVM across output.
Head Height	Play a test cartridge, follow instructions with cartridge, and adjust B2 for proper response.

TROUBLE CHART

SYMPTOM	REMARKS
Capstan does not rotate.	Belt (23) dirty, worn, or broken. Assembly (20) binding. Motor defective or not supplied with power.
Track-shift mechanism inoperative	Switch (S208) dirty. Cam (30) binding or worn. Pawl (3) worn. Assembly (29) binding. Solenoid (S0201) defective or not supplied with power. Cartridge defective. Spring (4) weak or broken.
Wow or flutter	Belt (23) dirty or worn. Capstan dirty or binding. Cartridge defective. Motor defective. Spring (13) weak or out of place. Assembly (8) binding. Roller (10) worn.

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

© 1976 Howard W. Sams & Co., Inc.

Printed in U. S. of America 6AL934

MECHANICAL PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	CXA-707-0	Cam Ratchet (Pawl)	26	E32-656-0	Tape Protector
4	B33-736-0	Solenoid Spring	28	CBH-008-A	Cam Lift Spring
8	CXA-023-0	Lock Plate Assembly	29	CNV-222-0	Head Base (Assembly)
10	N92-609-0 (1)	Cartridge Lock Roller	30	CNT-033-0	Head Shift Cam
13	CBH-007-A	Lock Plate Assembly Spring	32	CBH-010-0	Azimuth Spring
16	CLA-188-0	Motor Pulley	34	CNC-030-D	Head Holder
20	CNR-003-A	Flywheel Holder (Assembly)	61	CXA-720-0	Flywheel Bracket (Assembly)
22	CNR-002-0	Flywheel	62	B23-657-0 (2)	Nylon Washer (Bearing)
23	CNT-032-0	Belt			

(1) Part of Assembly (8).

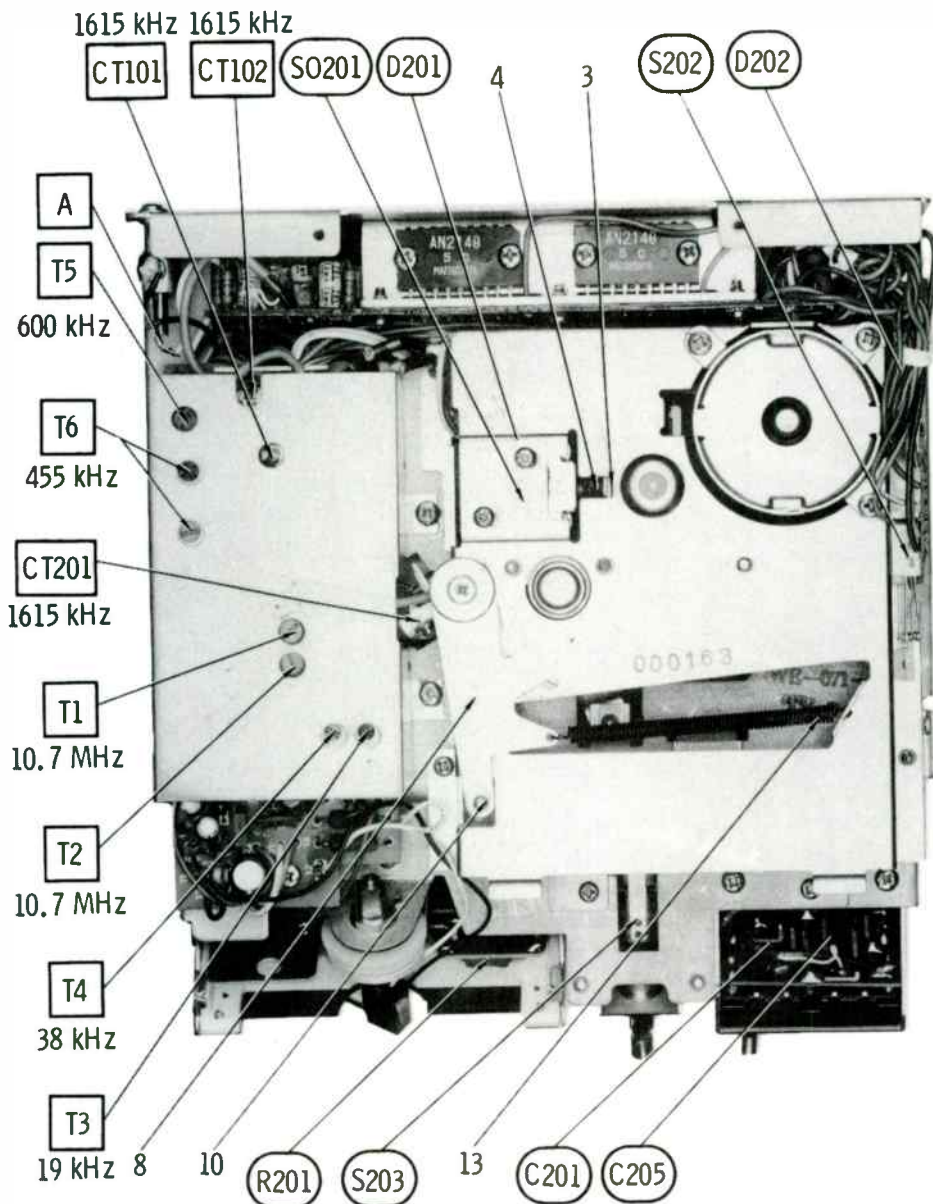
(2) Part of Assembly (61).

CLEANING

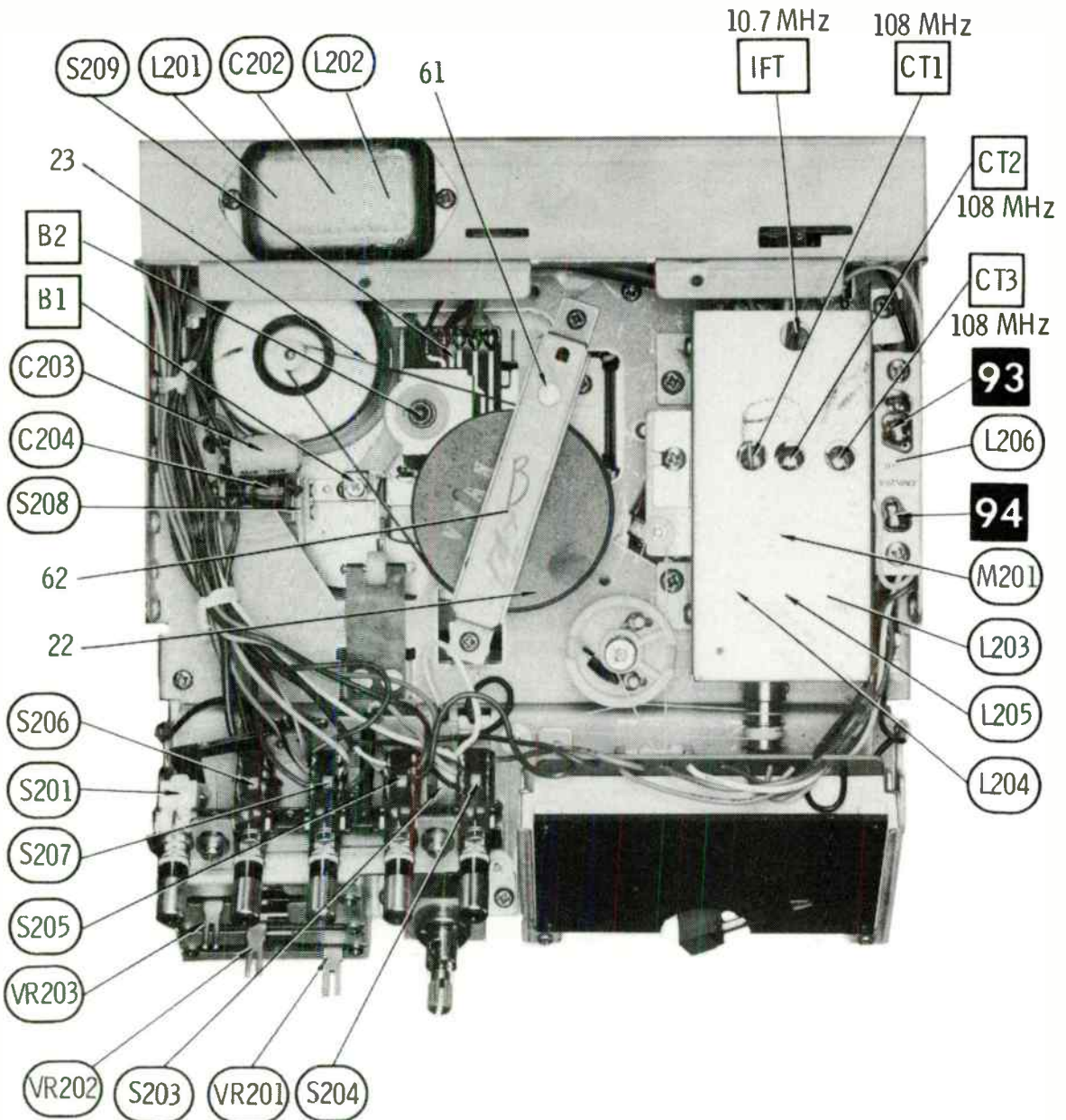
LUBRICATING

HEAD DEMAGNETIZING

Refer to "General Servicing Information" on page 4.



TAPE DECK-TOP VIEW



PIONEER MODEL TP-8001E

TAPE CHASSIS-TOP VIEW

ALIGNMENT INSTRUCTIONS

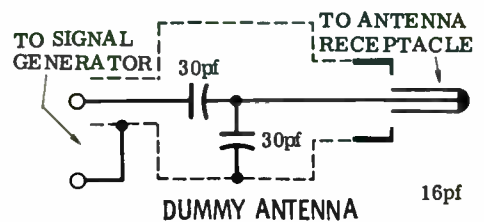
Check for specified source voltage.
 Use only enough generator output to provide a usable indication.
 Suggested Alignment Tools: GC Electronics
 ALL.....8290,8868,9087

PUSH-BUTTON ADJUSTMENT

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

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
High side thru .1uF to point A, low side to ground.	455kHz 400-Hz mod.	High freq. end stop.	Output meter across voice coil.	T6	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	"	CT102, CT101, CT201	"
Thru dummy antenna to antenna input.	600kHz	Tune to signal	Output meter across voice coil.	T5	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 TC1 for maximum output. Antenna adjustment TC1 is located inside tape door right rear corner.



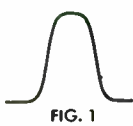
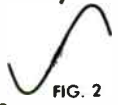
FM IF ALIGNMENT USING AM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001uF to point A, low side to ground.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz Unmodulated	Point of non-interference	DC probe of VTVM to point B, common to ground.	(1) T1, IFT	Adjust for maximum.
"	"	DC probe of VTVM to point C, common to ground.	T2	Adjust for zero reading. A positive or negative reading will be obtained on either side of correct setting.

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

High side of generator thru .001uF to point A, low side to ground.
 Use 60-hertz frequency modulated signal with 450kHz sweep.
 Use 60-hertz sawtooth voltage in scope for horizontal deflection.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz 450kHz Sweep	Point of non-interference	Vert input of scope to point B low side to ground.	(1) T1 IFT	Disconnect stabilizing capacitor C12. Adjust for maximum gain and symmetry of response similar to Fig. 1. Reconnect C12.  FIG. 1
"	"	Vert input of scope to point C low side to ground.	T2	Adjust T2 for maximum amplitude and straightness of line similar to Fig. 2. Readjust T1.  FIG. 2

ALIGNMENT INSTRUCTIONS (Continued)

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.

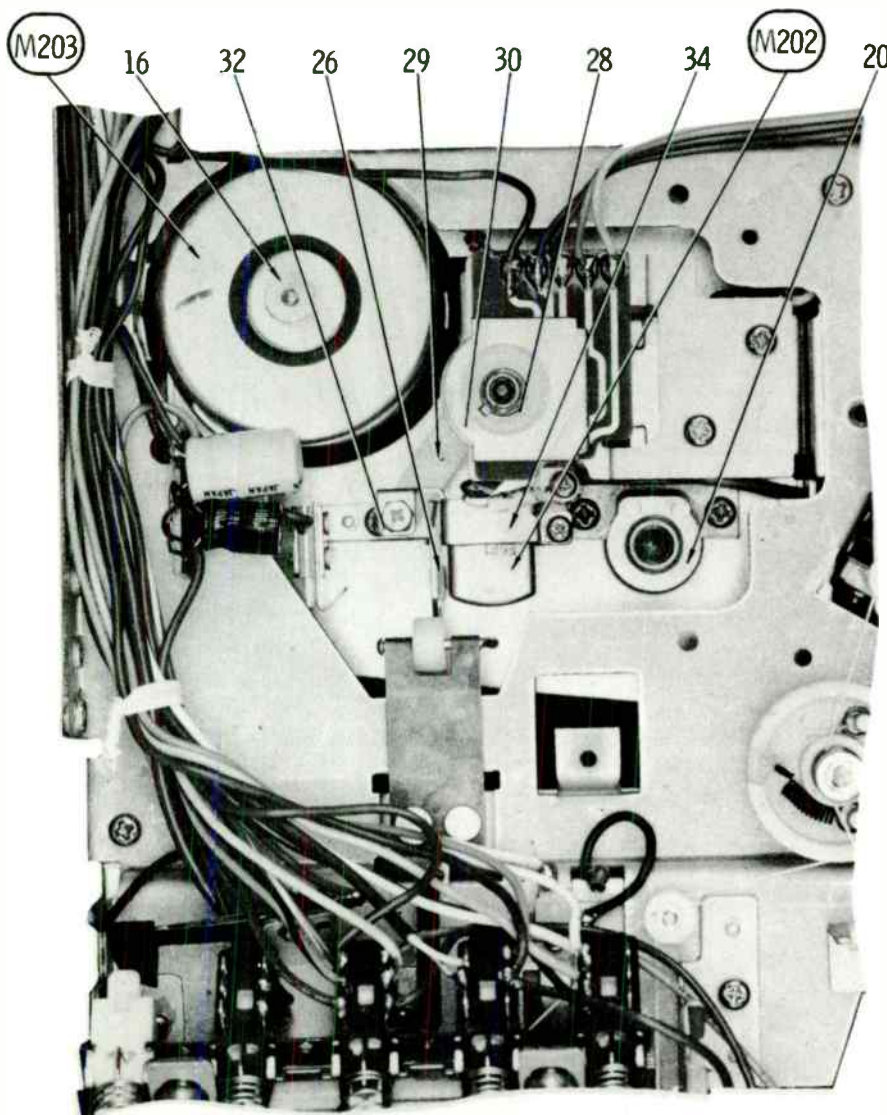
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
108MHz Unmodulated	Tune to signal	"	CT3,CT2,CT1	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

(1) Before adjusting, vary generator frequency slightly. Maximum output indicates exact IF.

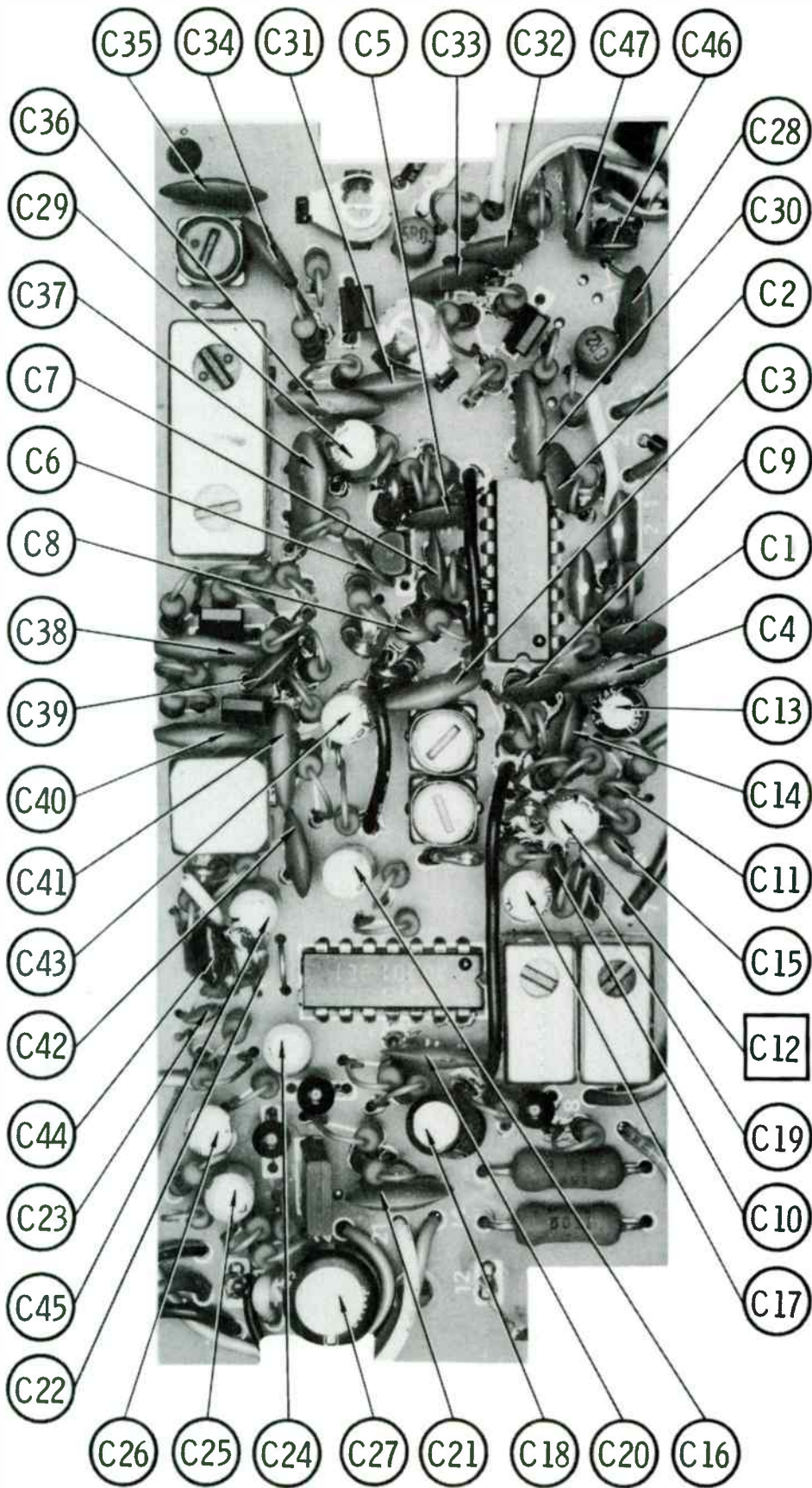
FM STEREO MULTIPLEX ALIGNMENT USING FM STEREO SIGNAL GENERATOR ($\pm .0001\%$ ACCURACY)

High side of generator thru 47K to A, low side to ground.

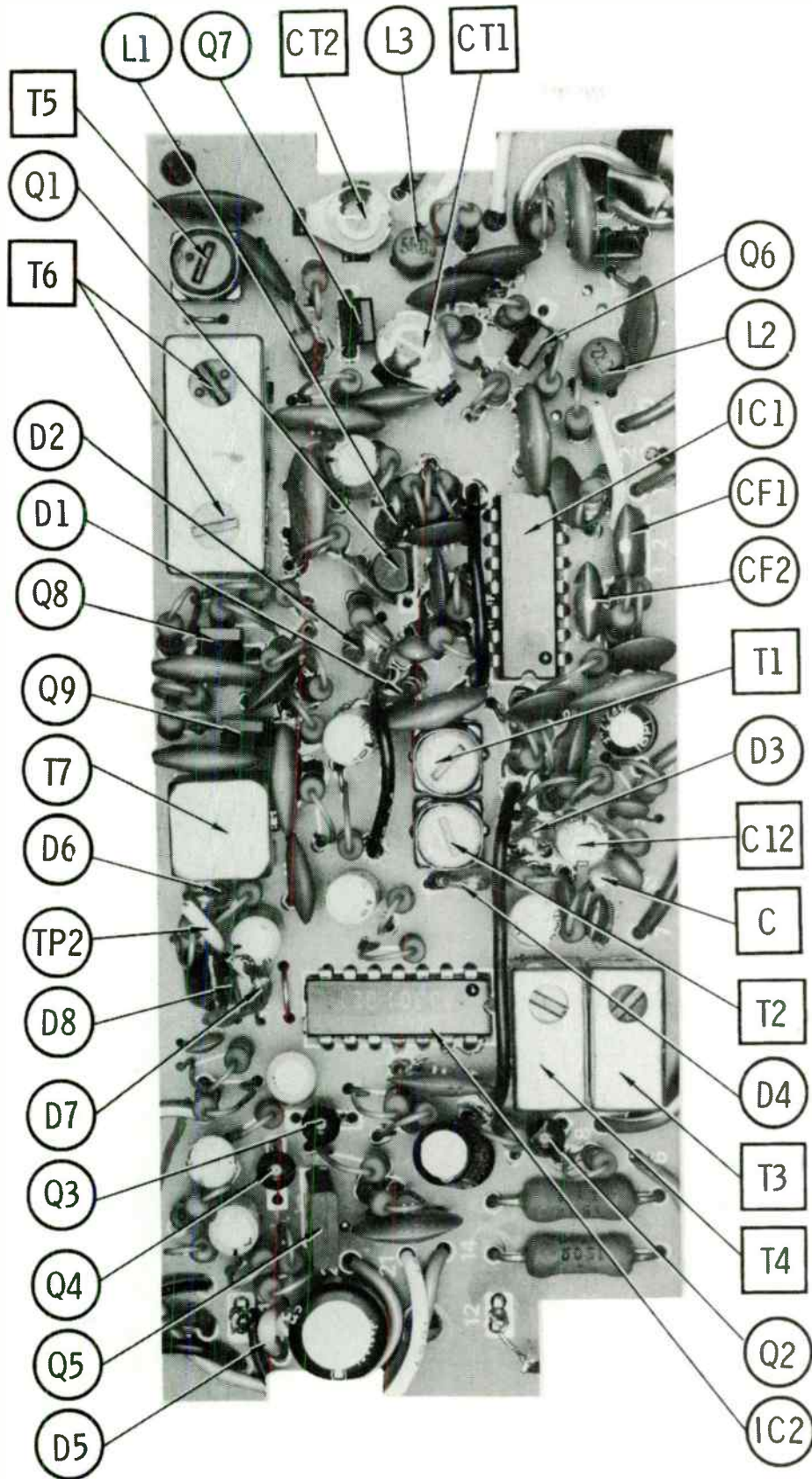
GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
Modulated Left Channel	Vert input of scope to point D low side to ground.	T3,T4	Adjust for MINIMUM. This step should require only slight adjustment.
Modulated Right Channel	Vert input of scope to point E low side to ground.		Check for MINIMUM. If necessary, make compromise adjustment of T3,T4.



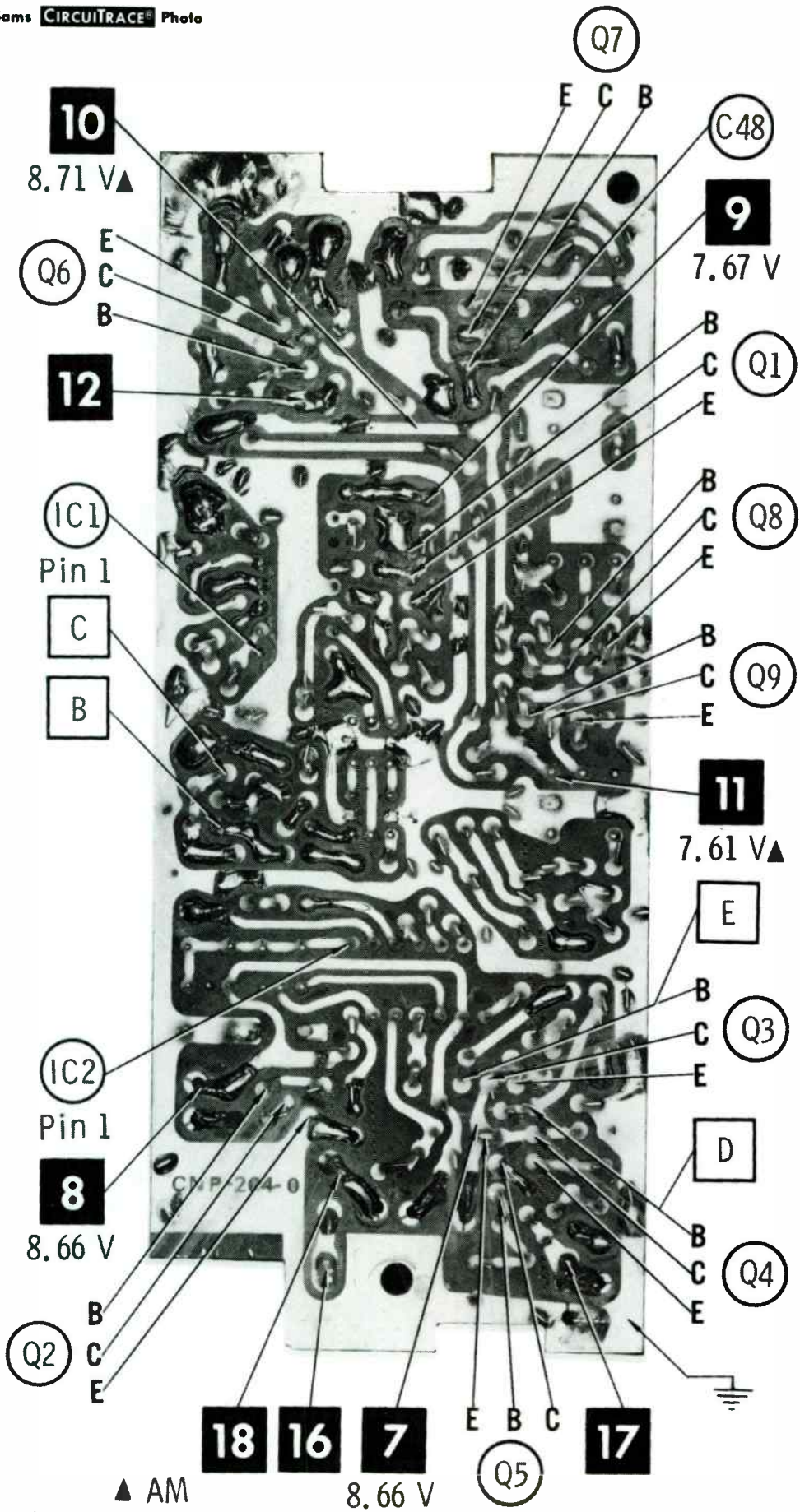
PIONEER MODEL TP-8001E



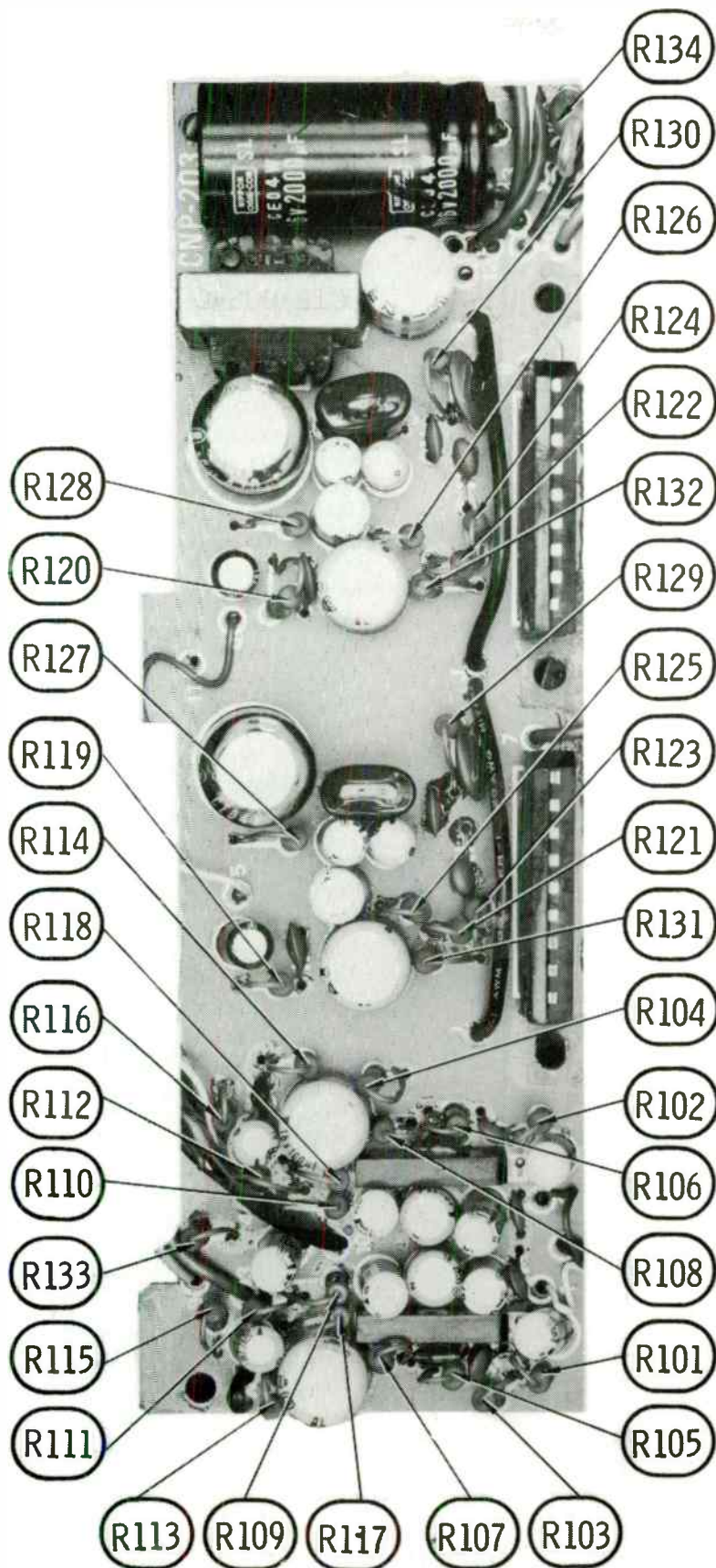
AM-FM BOARD



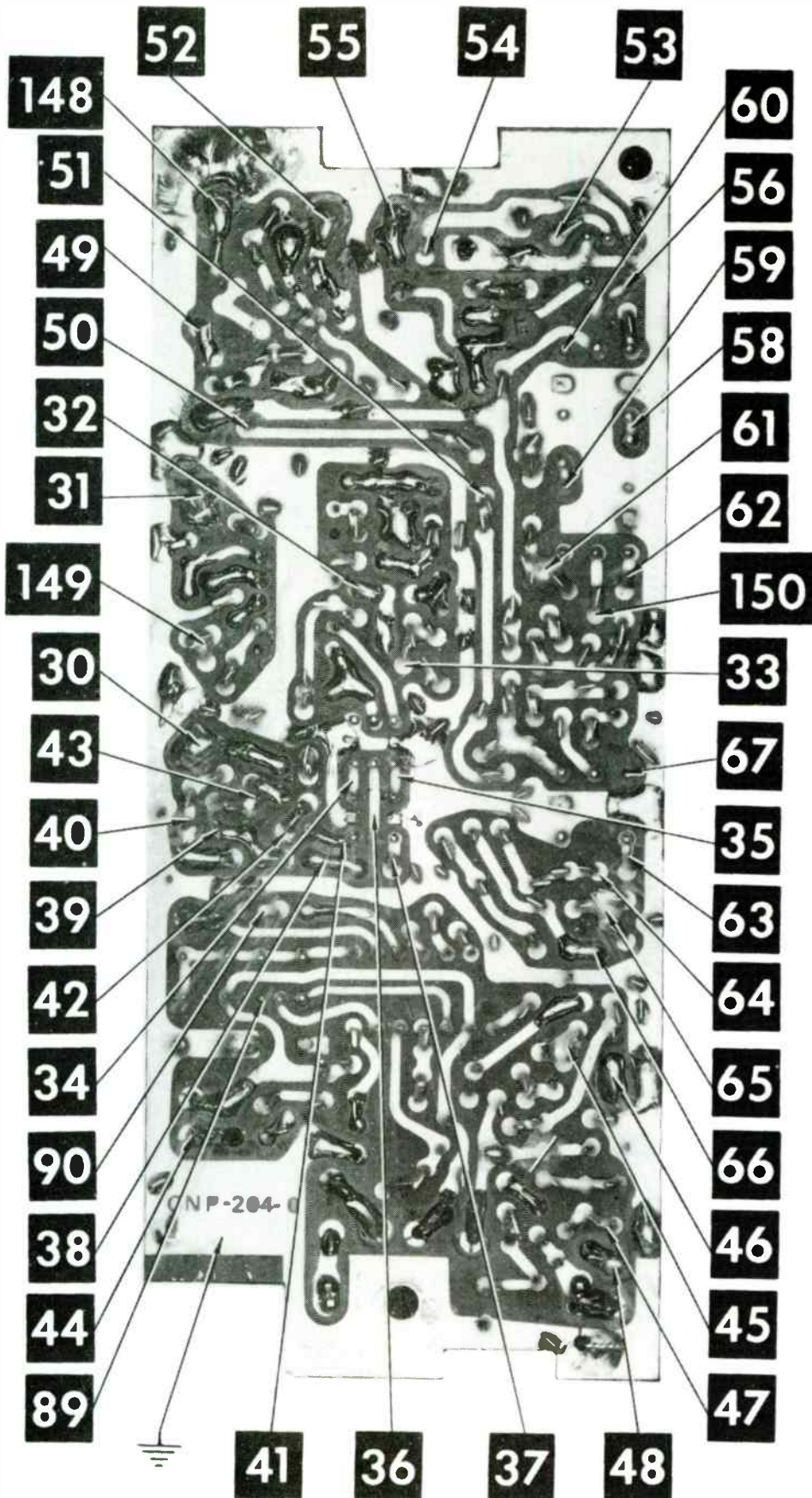
AM-FM BOARD



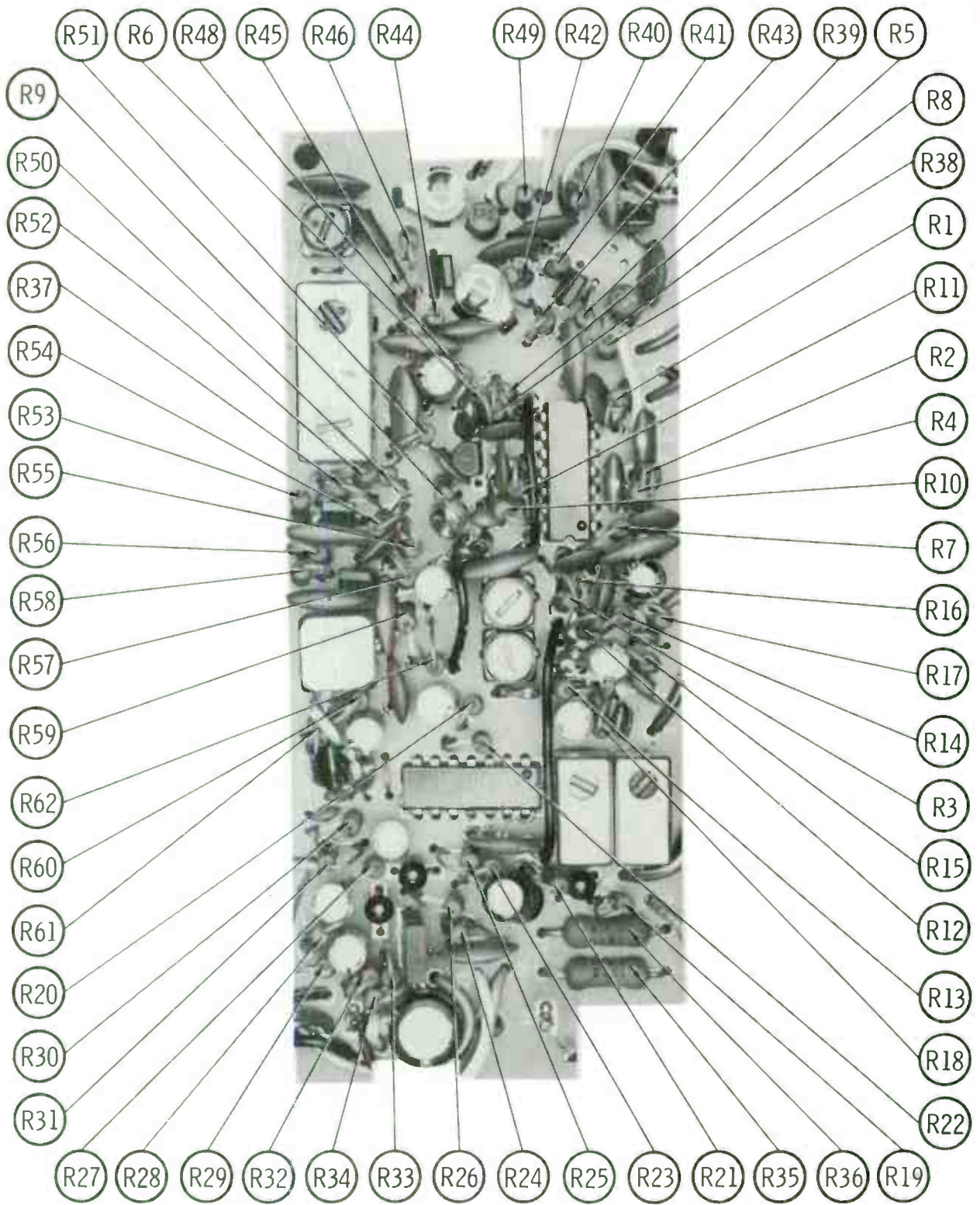
AM-FM BOARD



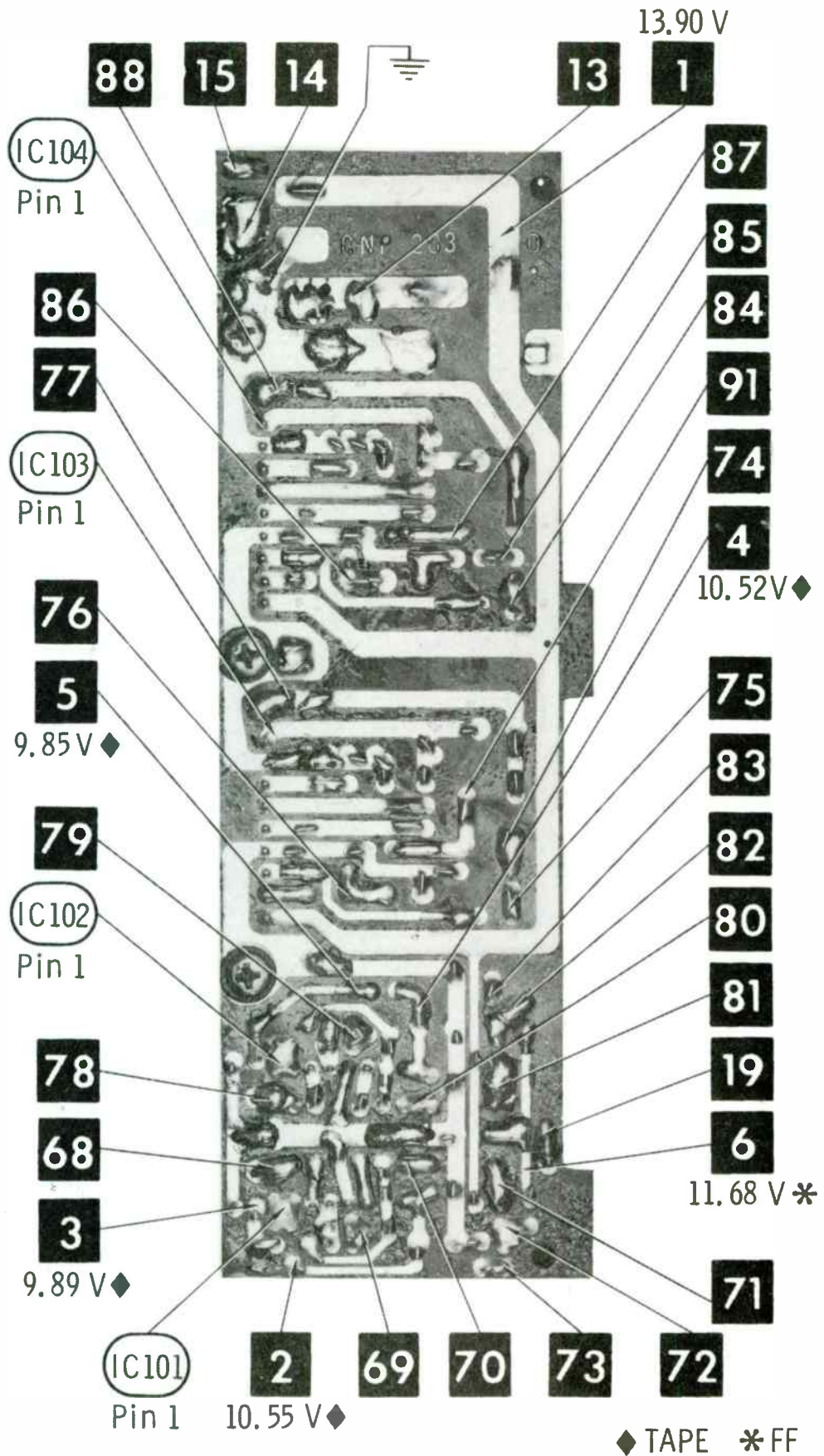
AUDIO BOARD



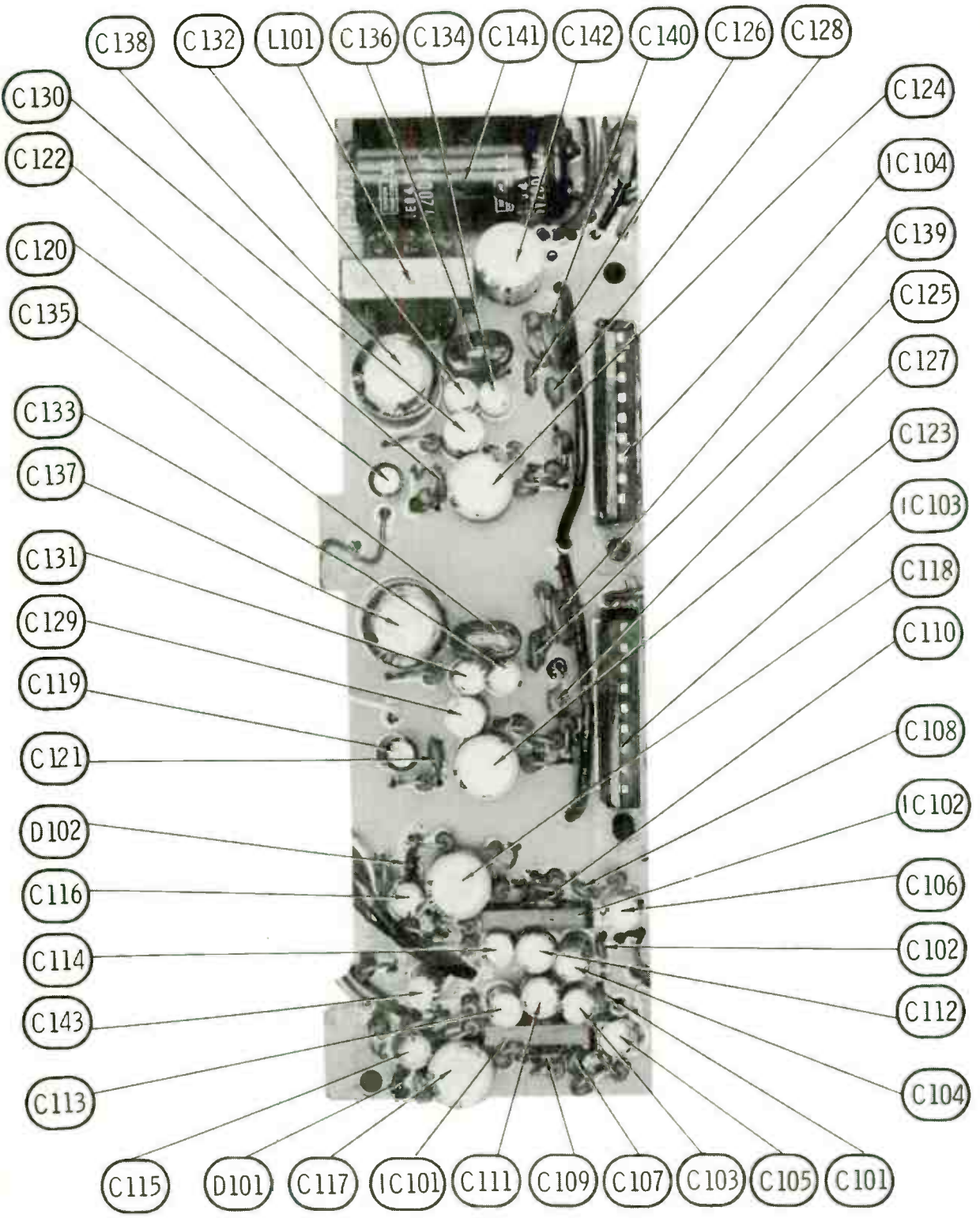
AM-FM BOARD



AM-FM BOARD

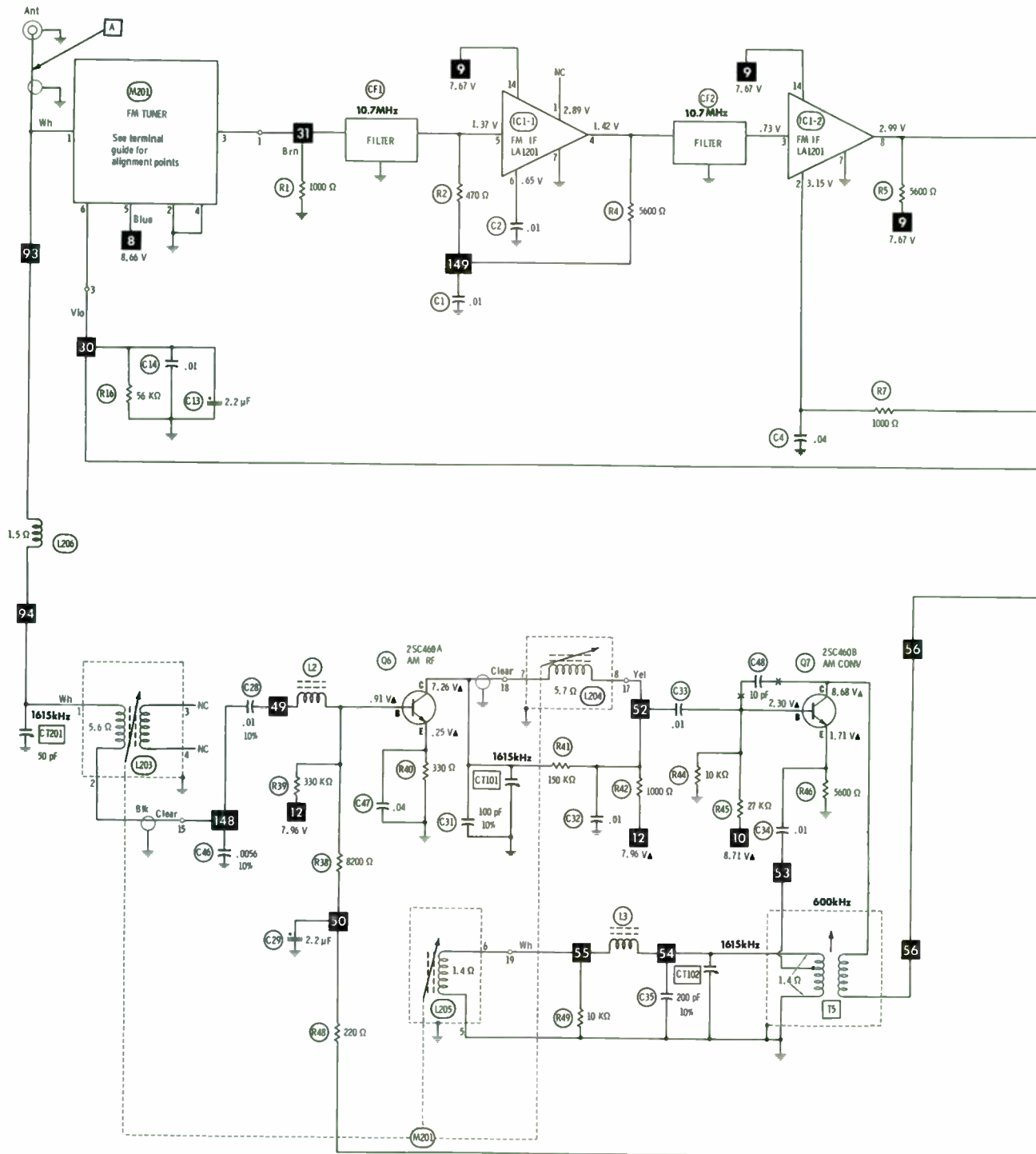


AUDIO BOARD



AUDIO BOARD

NOTE: DEMAGNETIZE HEADS AFTER SERVICING



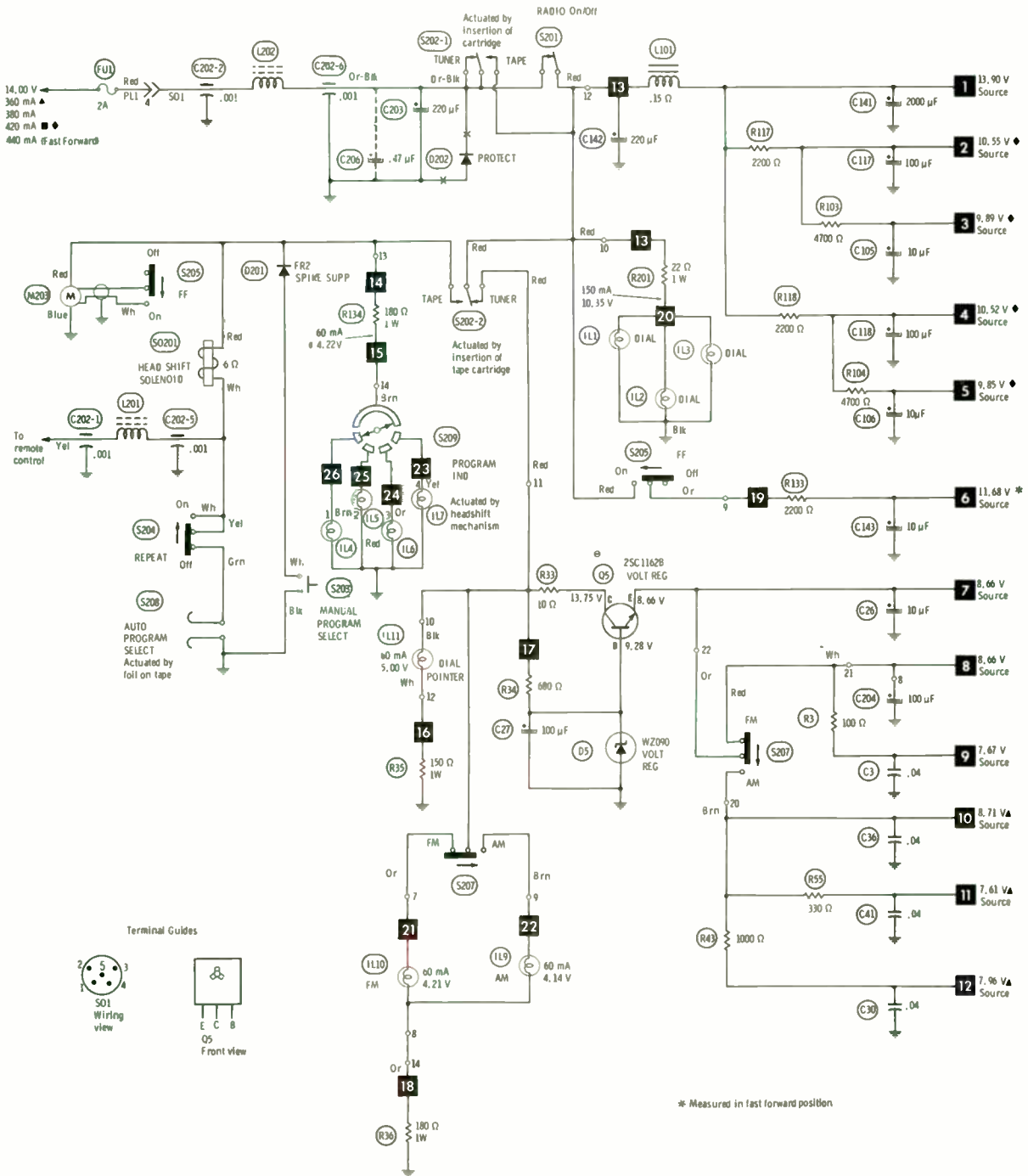
- ✖ Circuitry not used in some versions
- Circuitry used in some versions
- ⊙ See parts list
- ⊛ Nominal value
- ⊥ Ground
- ⊕ Chassis
- ▽ Common tie point

Measurements with switching as shown unless noted:
 ■ FM Stereo signal ▲ AM
 ◆ Tape play

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 PHOTOFACIT STANDARD NOTATION SCHEMATIC
 WITH **CIRCUITRACE**
 © Howard W. Sams & Co., Inc. 1976

NOTE: DEMAGNETIZE HEADS AFTER SERVICING



PIONEER MODEL TP-8001E

* Measured in fast forward position

- /— Circuitry not used in some versions
- - - Circuitry used in some versions
- ⊙ See ports list
- ⊛ Nominal value
- ⊕ Ground
- ⊞ Chassis
- ∇ Common tie point

Measurements with switching as shown unless noted:

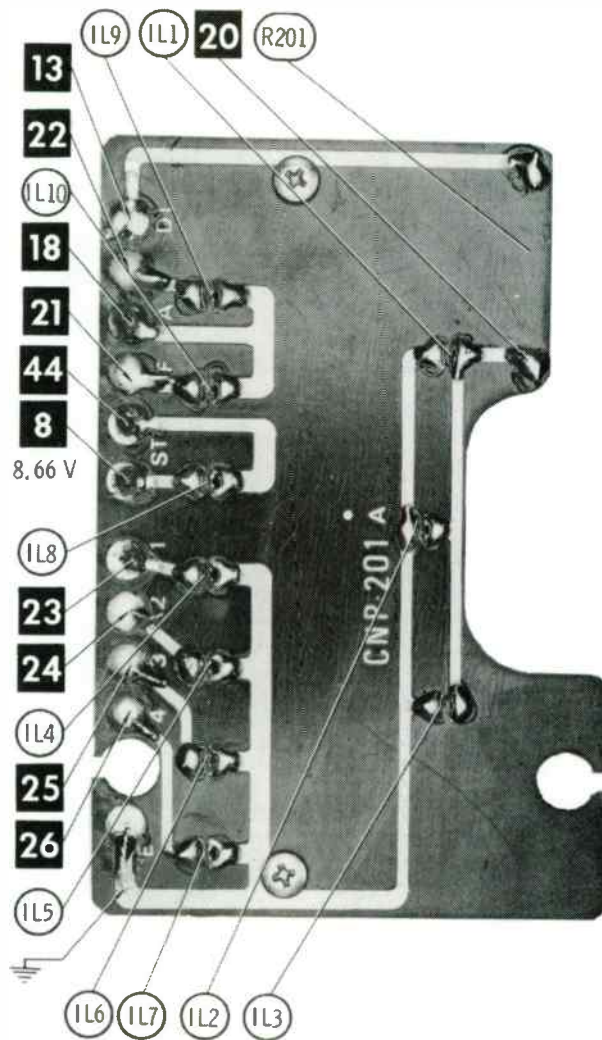
■ FM Stereo signal ▲ AM

◆ Tape play

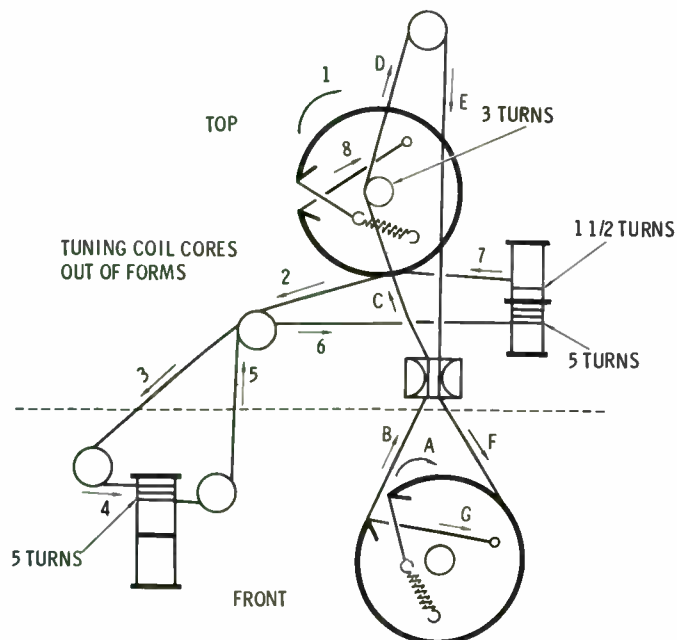
Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow at control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 5% unless noted.
 Value in () used in some versions.

A PHOTOFAC STANDARD NOTATION SCHEMATIC WITH **CIRCUITRACE**

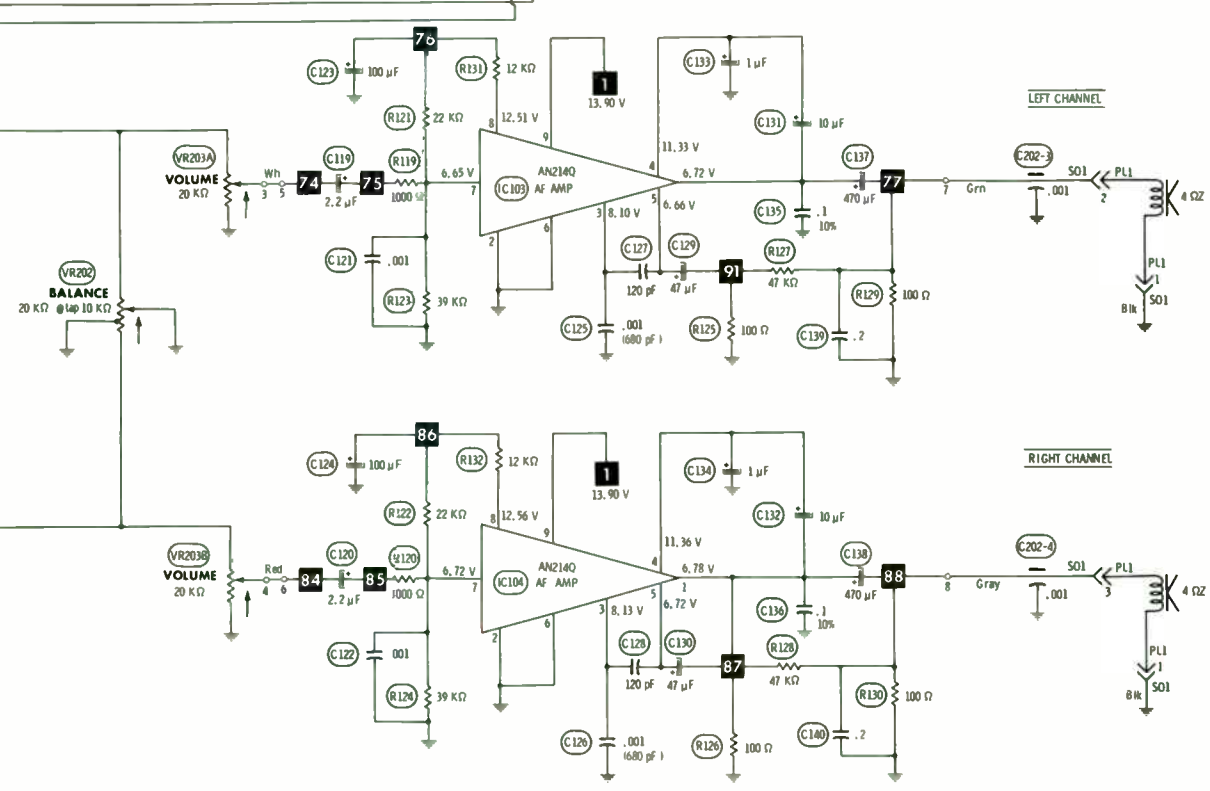
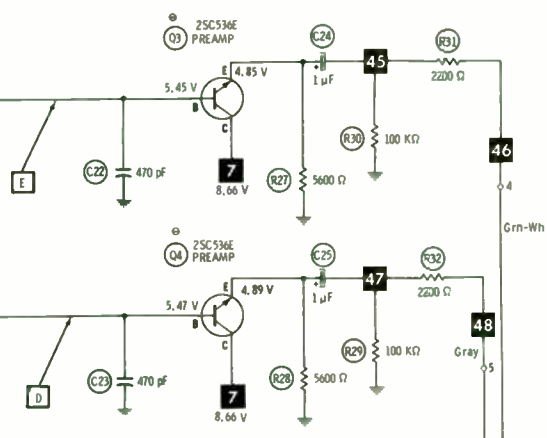
© Howard W. Sams & Co., Inc. 1976



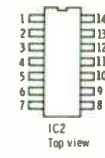
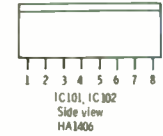
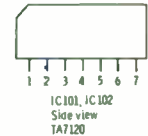
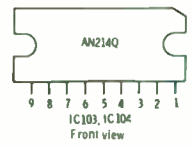
LAMP BOARD



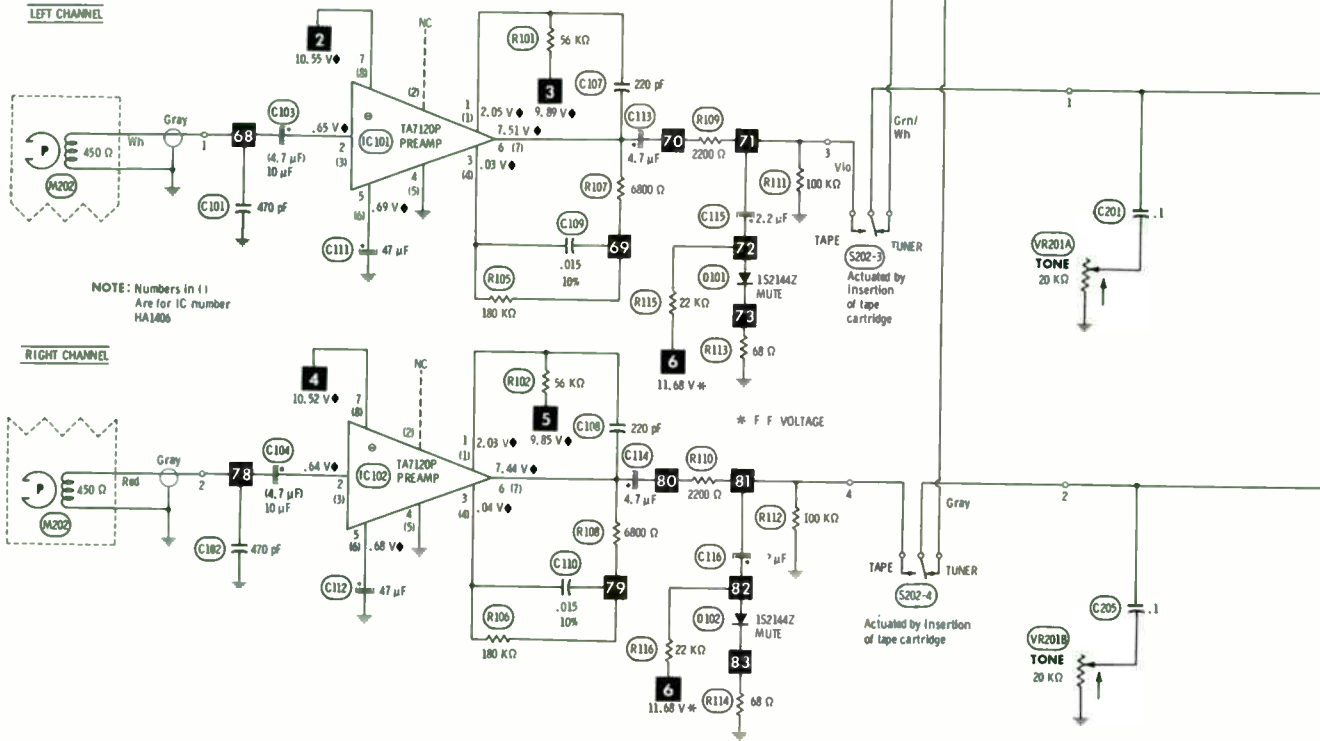
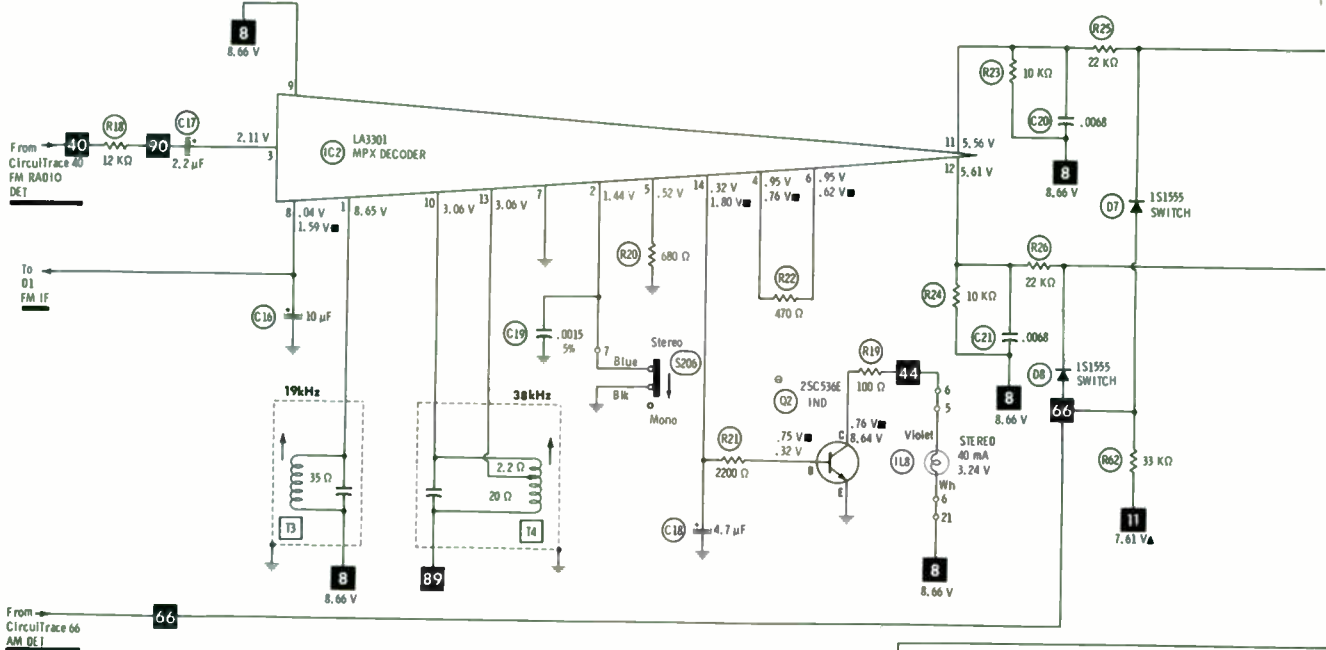
DIAL CORD STRINGING



Terminal Guides



NOTE: DEMAGNETIZE HEADS AFTER SERVICING



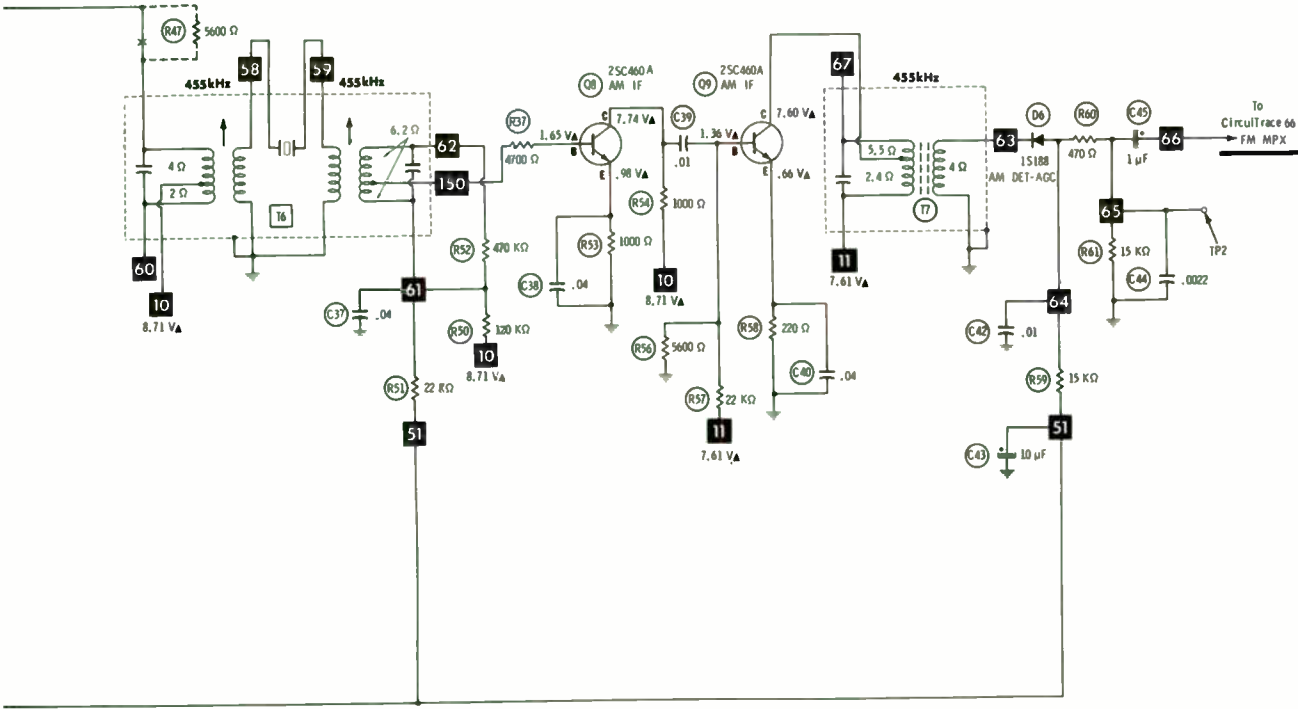
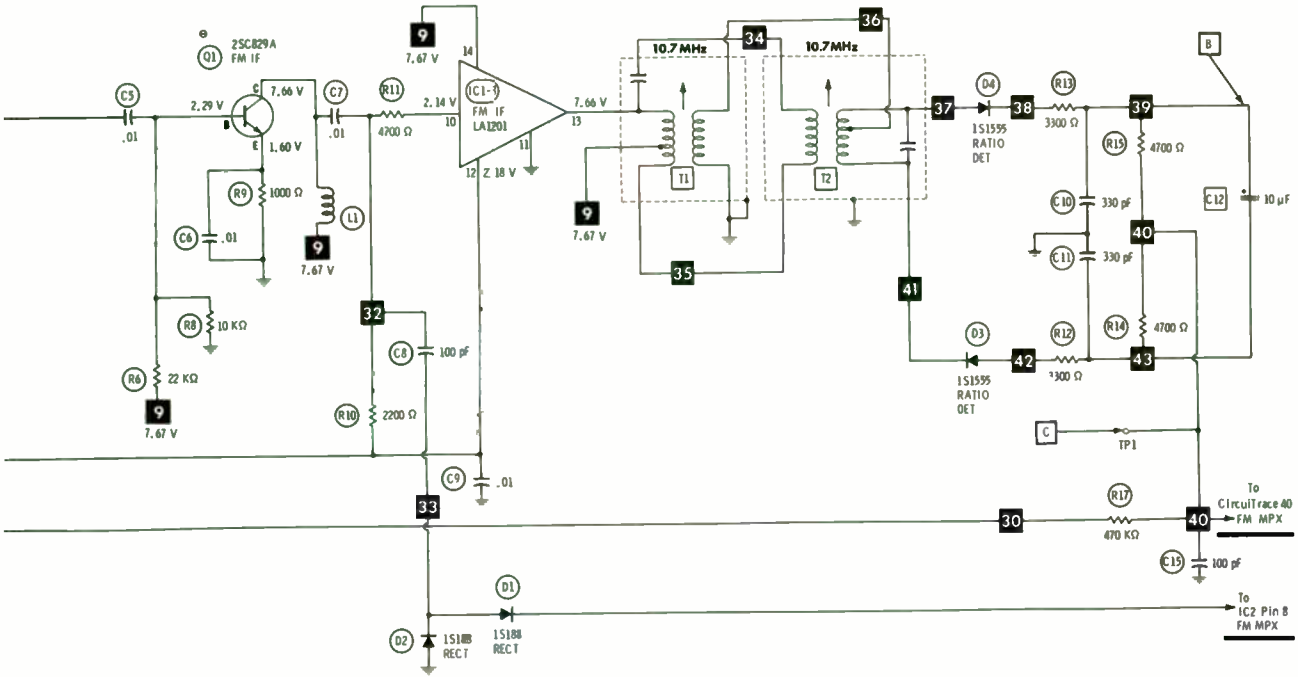
NOTE: Numbers in ()
Are for IC number
HA1406

- ✱ Circuitry not used in some versions
- Circuitry used in some versions
- ⊙ See ports list
- ⊛ Nominal value
- ⊕ Ground
- ⊞ Chassis
- ∇ Common tie point

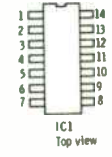
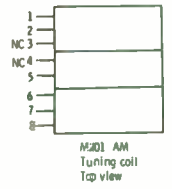
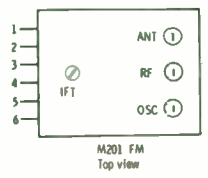
Measurements with switching as shown unless noted:
 ■ FM Stereo signal ▲ AM
 ◆ Tape play

Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow of 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[®]
 © Howard W. Sams & Co., Inc. 1976



Terminal Guides



PARTS LIST AND DESCRIPTION

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
01	1S188	G00-004-A	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
02	1S188	G00-004-A	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
03	1S1555	G01-803-A	GE-300(7)	0200MP(6)	PTC214M(6)	HEPR0602(7)	RE 52(7)	SK3100(7)	RT-218(7)	ECG178MP(6)
04	1S1555	G01-803-A								
05	WZ090	G01-036-G	GEZ0-9.1		ZB9.1B		RE 114			
06	1S188	G00-004-A	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG139
07	1S1555	G01-803-A	GE-300	0200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG109
08	1S1555	G01-803-A	GE-300	0200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
0101	1S2144Z	G01-209-B	GE-300	0200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
0102	1S2144Z	G01-209-B	GE-300	0200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
0201	FR2-02	G00-535-B	GE-504A	5A40	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
0202			GE-504A	5A40	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
IC1	LA1201	G09-015-B	GE1C-43							ECG1003
IC2	LA3301	G09-009-A	GE1C-38							ECG1006
IC101	TA7120P	G09-008-B,C,D			PTC721	HEPC6094P	RE 3261C		TVCM-6	ECG1087
	HA1406	G09-017-A,B,C								
		(1)								
IC102	TA7120P	G09-008-B,C,D								ECG1087
	HA1406	G09-017-A,B,C								
		(1)								
IC103	AN214Q	G09-013-A	GE1C-49		PTC757					ECG1058
IC104	AN214Q	G09-013-A	GE1C-49		PTC757					ECG1058
Q1	2SC829A,B	G05-037-A,B	GE-20	(IR)2SC829B	PTC136	HEPS0011	RE 9	SK3018	RT-107A	ECG229
Q2	2SC536E,O	G05-706-E,O	GE-212	(IR)2SC536	PTC121	HEPS0016	RE 192	SK3124	RT-107A	ECG199
	2SC828P,Q	G05-036-B,C,R,S	GE-61	(IR)2SC828A	PTC121	HEPS0015	RE 192	SK3122	RT-107A	ECG199
		O,E(1)								
Q3	2SC536E,O	G05-706-E,O	GE-212	(IR)2SC536	PTC121	HEPS0016	RE 192	SK3124	RT-107A	ECG199
	2SC828P,Q	G05-036-B,C,R,S	GE-61	(IR)2SC828A	PTC121	HEPS0015	RE 192	SK3122	RT-107A	ECG199
		O,E(1)								
Q4	2SC536E,O	G05-706-E,O	GE-212	(IR)2SC536	PTC121	HEPS0016	RE 192	SK3124	RT-107A	ECG199
	2SC828P,Q	G05-036-O,C	GE-61	(IR)2SC828A	PTC121	HEPS0015	RE 192	SK3122	RT-107A	ECG199
		B,E(1)								
Q5	2SC1162B,C	G06-717-B,C	GE-57	TR-55	PTC163	HEPS3024	RE 42	SK3041		ECG186
Q6	2SC460A	G05-003-A	GE-61	(IR)2SC460B	PTC101	HEPS0014	RE 9	SK3124	RT-187	ECG233
Q7	2SC460B	G05-003-B	GE-61	(IR)2SC460B	PTC101	HEPS0014	RE 9	SK3124	RT-187	ECG233
Q8	2SC460A	G05-003-A	GE-61	(IR)2SC460B	P1C101	HEPS0014	RE 9	SK3124	RT-187	ECG233
Q9	2SC460A	G05-003-A	GE-61	(IR)2SC460B	PTC101	HEPS0014	RE 9	SK3124	RT-187	ECG233

- (1) Used in some versions.
- (6) Matched pair.
- (7) Two required - select matched pair.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA			
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C12	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C13	2.2 50V NP	C30-715-M	WNP2-50	TCN502A	TVAN-1301.1
C16	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C17	2.2 50V	C00-907-P	PC2-100	VTT2R2A50	EV-1517
C18	4.7 50V	C00-913-P	PC5-50	VTT4R7A50	EV-1519
C24	1 50V	C00-902-P	PC1-50	VTT1B63	EV-1615
C25	1 50V	C00-902-P	PC1-50	VTT1B63	EV-1615
C26	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C27	100 16V	C00-542-P	PC100-16	VTT100F16	EV-1230
C29	2.2 50V	C00-907-P	PC2-100	VTT2R2A50	EV-1517
C43	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C45	1 50V	C00-902-P	PC1-50	VTT1B63	EV-1615
C103	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
	4.7 35V	C00-813-P	PC5-50	VTT4R7A50	EV-1519
C104	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
	4.7 35V	C00-813-P	PC5-50	VTT4R7A50	EV-1519
C105	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C106	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C111	47 10V	C00-233-P	PC50-16	VTT47016	EV-1226
C112	47 10V	C00-233-P	PC50-16	VTT47016	EV-1226
C113	4.7 35V	C00-813-P	PC5-50	VTT4R7A50	EV-1519
C114	4.7 35V	C00-813-P	PC5-50	VTT4R7A50	EV-1519
C115	2.2 50V	C00-907-P	PC2-100	VTT2R2A50	EV-1517
C116	2.2 50V	C00-907-P	PC2-100	VTT2R2A50	EV-1517
C117	100 16V	C00-542-P	PC100-16	VTT100F16	EV-1230
C118	100 16V	C00-542-P	PC100-16	VTT100F16	EV-1230
C119	2.2 50V	C00-907-P	PC2-100	VTT2R2A50	EV-1517
C120	2.2 50V	C00-907-P	PC2-100	VTT2R2A50	EV-1517
C123	100 16V	C00-542-P	PC100-16	VTT100F16	EV-1230
C124	100 16V	C00-542-P	PC100-16	VTT100F16	EV-1230
C129	47 10V	C00-233-P	PC50-16	VTT47016	EV-1226
C130	47 10V	C00-233-P	PC50-16	VTT47016	EV-1226
C131	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C132	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C133	1 50V	C00-902-P	PC1-50	VTT1B63	EV-1615
C134	1 50V	C00-902-P	PC1-50	VTT1B63	EV-1615
C137	470 16V	C00-553-P	PC500-16	VTT470J16	EV-1250
C138	470 16V	C00-533-P	PC500-16	VTT470J16	EV-1250
C141	2000 16V	CCH-003-0	WBR2000-16	M7A2000G15	TVA-1170
C142	220 16V	C00-547-P	PC250-25	VTT220G16	EV-1240
C143	10 16V	C00-522-P	PC10-25	VTT10A25	EV-1222
C203	220 16V	C00-547-P	PC250-25	VTT220G16	EV-1240
C204	100 10V	C00-242-P	PC100-10	VTT100E10	EV-1130
C206	.47 16V	C02-313-M	PC1-50	VTT47B63	EV-1310

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.

Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	.04		UK12-503		MAG1215	HY-350
C2	.01		UK16-103		MAG1611	HY-420
C3	.04		UK12-503		MAG1215	HY-350
C4	.04		UK12-503		MAG1215	HY-350
C5	.01		UK16-103		MAG1611	HY-420
C6	.01		UK16-103		MAG1611	HY-420
C7	.01		UK16-103		MAG1611	HY-420
C8	100		0D-101	GP100	GP310	10TS-T10
C9	.01		UK16-103		MAG1611	HY-420
C10	330		0D-331	GP330	GP333	10TS-T33
C11	330		0D-331	GP330	GP333	10TS-T33
C14	.01		UK16-103		MAG1611	HY-420
C15	100		0D-101	GP100	GP310	10TS-T10
C19	.0015 5% 50V	C03-205-J				
C20	.0068		DD-682	GP6800	GP268	5GA-D68
C21	.0068		DD-682	GP6800	GP268	5GA-D68
C22	470		DD-471	GP470	GP347	10TS-T47
C23	470		0D-471	GP470	GP347	10TS-T47
C28	.01 10%		UK16-103		MAG1611	HY-420
C30	.04		UK12-503		MAG1215	HY-350
C31	100 10%		0D-101	GP100	GP310	10TS-T10
C32	.01		UK16-103		MAG1611	HY-420
C33	.01		UK16-103		MAG1611	HY-420
C34	.01		UK16-103		MAG1611	HY-420
C35	200 10%		DD-201	GP200	GP320	10TS-T20
C36	.04		UK12-503		MAG1215	HY-350
C37	.04		UK12-503		MAG1215	HY-350
C38	.04		UK12-503		MAG1215	HY-350
C39	.01		UK16-103		MAG1611	HY-420
C40	.04		UK12-503		MAG1215	HY-350
C41	.04		UK12-503		MAG1215	HY-350
C42	.01		UK16-103		MAG1611	HY-420
C44	.0022 50V				M192P2229R8	192P2229R8
C46	.0056 10% 50V				M192P5629R8	192P5629R8
C47	.04		UK12-503		MAG1215	HY-350
C48	10		DTZ-10	NP010	CN0410	10TCC-Q10
C101	470		DD-471	GP470	GP347	10TS-T47
C102	470		DD-471	GP470	GP347	10TS-T47
C107	220		0D-221		GP322	10TS-T22
C108	220		0D-221		GP322	10TS-T22
C109	.015 10% 50V				M192P1539R8	192P1539R8
C110	.015 10% 50V				M192P1539R8	192P1539R8
C121	.001		DD-102G	GP1000	GP210	5GA-D10
C122	.001		DD-102G	GP1000	GP210	5GA-D10
C125	.001		DD-102G	GP1000	GP210	5GA-D10
C126	.001		DD-102G	GP1000	GP210	5GA-D10
C127	120	C06-176-K				
C128	120	C06-176-K				
C135	.1 10% 50V			WMF05P1	EWF05010	431P1049R5
C136	.1 10% 50V			WMF05P1	EWF05010	431P1049R5
C139	.2 12V	CCG-006-0				
C140	.2 12V	CCG-006-0				
C201	.1	CCG-005-0				
C202	Feet Thru	CCL-013-0				
C205	.1	CCG-005-0				
CT101	50 Nominal	C43-610-A				
CT102	50 Nominal	C43-610-A				
CT201		CCL-003-8				

PIONEER MODEL TP-8001E

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
VR201A	Volume - Left	20K	CCS-067-0				
VR201B	Volume - Right	20K					
VR202	Balance	20K Tap @ 10K	CCS-069-0				
VR203A	Tone - Left	20K	CCS-068-0				
VR203B	Tone - Right	20K					

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	RF Choke (15uH)	CTF-016-0			(1) Part of M201.
L2	RF Choke (8.2uH)	CTF-018-0			
L3	RF Choke (5uH)	CTF-005-0			
L201	RF Choke	CTF-003-0			
L202	RF Choke	CTF-003-0			
L203	AM Antenna	(1)			
L204	AM RF	(1)			
L205	Oscillator Tuning	(1)			
L206	RF Choke	T63-648-A			
T1	FM IF (10.7MHz)	CTC-015-0			
T2	FM IF (10.7MHz)	CTC-012-0			
T3	19kHz Doubler	CTM-001-A			
T4	38kHz Output	CTM-002-A			
T5	AM Oscillator	CTE-002-0			
T6	AM IF (455kHz)	CTE-023-0			
T7	AM IF (455kHz)	CTE-001-0			

PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS* for the most up-to-date replacement.

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.	
L1D1	420mA	.15	395uH	CTF-002-D			

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
FU1	2A Quick-Acting	E21-DD5-D		AGC2	HDJ	312DD2	15D145	FG2-2

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF1	Ceramic Filter	CTF-D27-D (2)	10.7MHz
CF1	Ceramic Filter	CTF-D27-0 (2)	1D.7MHz
M201		CWE-D25-E	FM Front End
M202	Head	P52-601-B	Play, 8-Track Stereo
M203	Motor	CXM-D12-D	Tape Transport (750D rpm @ 13.9V DC)
S201	Switch	S48-645-B (1)	Radio, On/Off
S202	Switch	CWS-D26-0	Tape/Tuner
S203	Switch	CSN-D17-D	Manual Program Select
S204	Switch	(1)	Repeat
S205	Switch	(1)	Fast Forward, On/Off
S206	Switch	(1)	Stereo/Mono
S2D7	Switch	(1)	AM/FM
S208	Switch	CXA-D04-D	Auto Program Select
S2D9	Switch	CXA-683-0	Program Indicator
SD-201	Solenoid	CXP-008-D	Head Shift
	Printed Circuit Board	CWK-062-D	Amp
	Printed Circuit Board	CNP-198-0	Control
	Printed Circuit Board	CNP-201-D	Lamp
	Printed Circuit Board	CWE-069-D	Tuner

(1) Included in complete switch unit, Part No. CSG-D32-D.

(2) When replacing, CF1 and CF2 should also be replaced.

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

ITEM	PART No.	ITEM	PART No.
Cabinet, Top	CNB-171-B	Knob, Tuning	CAA-D65-D
Cabinet, Bottom	CNB-172-A	Knob, Volume/Balance/Tuning	CAC-D70-D
Escutcheon, Top	CXA-679-A	Push Button, Program	CAA-D66-0
Escutcheon, Bottom	CNS-128-D	Push Button, Switches	CAA-D67-0
Door, Tape	CAT-009-D	Dial Pointer Assembly	CXA-681-0
Shaft, Tape Door	CLA-278-D	Dial Scale	CAG-034-A
Spring, Tape Door	CBH-D06-D		

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Shielded Hook-up Wire	Use BELDEN No. 8885
Rear Seat Speaker Extension Cable	Use BELDEN No. 8782 (Stranded) Coded Parallel Leads
Bonding Strap	Use BELDEN No. 8661 (3/8 In.) or 867D (3/4 In.)
Ignition Noise Suppression	Use BELDEN No. 7300-Series Spark-Plug Sets

AUTOMATIC (CONT.)	VOL.	AUTOMATIC (CONT.)	VOL.	AUTOMATIC (CONT.)	VOL.	AUTOMATIC (CONT.)	VOL.	BENDIX (CONT.)	VOL.	BORG-WARNER (CONT.)	VOL.
MXD-3453 73 Ford,		PIP-4720 74 Ford	173	TKX-5013N 65 Chev.	37	VSF-4233 74 VN	172	238D, 23BP, 23BPX		4000 - Mark II(P7M2)	
Merc.	167	PIX-4495 74 Ford	170	TKX-8274 67-68 Chev.	60	VSK-4420 74 VN	174	See MoPar 322	17	(LP)	63
MXR-8404	125	PIM-2216 53 Ply.	5	TKX-2216 70-72 Pont.	131	VT-5108 65 Ply.	30	24BC See MoPar 410	18		
MXT-3479 73 Merc.	167	PNF-1898 71 Ford	131	TDD-4730 74 Olds.	171	VTP-440 60 Ply.	15	24B1 See MoPar 409	18		
MXF-3479B 73 Merc.	170	PNF-2235 71-72 Ford	131	TDO-4278 (Pg.21)	169	VTP-3038 63 Ply.	22				
MXT-3648 73 Merc.	165	PNF-3358 (AFC-1303)		TDM-1257 64-69 Dodge	64	VTP-5107 65 Ply.	30				
MXV-3493 73 Ford,		73 Ford	175	TDO-2254 71-72 Olds.	131	VTP-8208 68 Ply.	30				
Merc.	167	PO-3050 71-73 Ford	159	TDX-4477	170	VNF-4235 74 VN	172				
MXV-3493B 73 Ford	170	POE-4507 74 Pont.	168	TER-3523 73 Ford,		VNX-4422 74 VN	174				
N-638 58-59 Amer.		POP-4295 74 Pont.	169	Merc. (EP)	164	VXA-3457 73 Chev.	167				
Motors	13	POL-4030 74 Pont.	159	TER-3523 73 Ford,		VXA-3626 73 Chev.	165				
N-639 58-59 Amer.		POP-4708 74 Pont.	171	Merc. (LP)	168	W-76 thru 57 VW	12				
Motors	13	POX-4455 74 Pont.	170	TPC-1489 70-71 Olds,		W-84 58-63 VW	23				
N-3028 63 Amer.		POX-4645 74 Pont.	177	TPC-1489 70-71 Olds,		W-89 58-59 VW	12				
Motors	23	PP-330 60 Ply.	15	TPC-3293 73 Olds.	131	W-3040 58-63 VW	23				
NA-749 58-59 Amer.		PP-341AT 61 Ply.	16	Pont.	169	W-5204 65 VW (Pg.41)	28				
Motors	13	PP-3026 63 Ply.	22	TFK-3285 73 Ford	169	WFM-5387 58-67 VW	54				
NA-3068 63 Amer.		PP-5105 65 Ply.	30	TFK-4285 74 Ford	169	WP-4 58-59 VW	12				
Motors	23	PP-5105N 65 Ply.	35	TFK-3278	169	WP-7 thru 57 VW	12				
NAP-3069 63 Amer.		PP-7103 66-67 Ply.	60	TFK-3207	169	WP-7G 57 VW	12				
Motors	23	PP-8203 68 Ply.	60	TFX-3285	169	WP-7G 57 VW	12				
NAY-3052 63 Chry.	23	PP-8102 68 Ply.	60	TFX-3296	169	WP-19 58-59 VW	12				
ND-8224 68 Chry.	60	PPC-3708 73 Pont.	171	TP-3053 73 Ford	159	WP-21 58-63 VW	23				
NOA-4117 74 Chev.	176	PPM-7366 67 Ply.	61	TUJ-1590	74	WP-167	15				
NOE-4517 74 Chev.	168	PPP-2500	171	TMA-1550	69	WP-2289A (Sim. to					
NOF-4270 74 Chev.	169	PPX-2389	127	TMA-1550-PA	160	Pg. 5)	159				
NOL-4015 74 Chev.		PS-4153	27	TMA-1550-T	160	WP-3039 58-63 VW	23				
(Pg. 5)	159	PS-4653	27	TOR-3044 73 Ford, Merc.	159	WP-3093A 64 VW	28				
NOK-4475 74 Chev.		PUT-3025 63 Ply.	26	TPC-31 61 Buick, Olds,		WP-5203 65 VW (Pg.41)	28				
(Pg. 15)	165	PUT-3108	23	TPC-31AT 63 Olds,	16	WP6237 58-67 VW	57				
NP-3029 63 Amer.		PVT-3108A	28	TPC-31AT 63 Olds,	23	WPC-8 thru 57 VW	12				
Motors	23	PXC-3455 73 Pont.	167	TPC-31AT 63 Olds,	23	XEM-1156 (Series M)	149				
NP-5153 63 Amer.		PXC-3455B 73 Pont.	170	TPC-42AT 63 Olds,	23	XME-1443	149				
Motors	29	PXN-3658 (XPA-2575A)		Pont.	23	XPA-2575A (Sim. to					
NPP-2349	176	QME-2445A	153	TPC-3036 63 Olds,	23	Pg. 15)	165				
NPX-2390	168	R-54, B	11	TPC-4026 64 Pont.	28	XTP-3487 73 Pont.	167				
NPX-2390F	225	R-61	20	TPC-7170 66-67 Pont.	62	XTP-3487B 73 Pont.	170				
NU-8222 68 Chry.	60	Rally 500	229	TPC-3730 73 Olds.	171	YAM-3050 63 Chev.	23				
NU-63-AT	23	RAP-59 59 Amer. Motors.	13	TPP-87A 57 Ply.	13	YAM-4525 64 Chev.	28				
NU-3107	23	RAP-100 60 Amer. Motors.	13	TPP-88 57-58 Ply.	13	YP-3049 63 Chev.	23				
NU-3107A	28	RAP-3070 63 Amer. Motors	13	TPP-88C 57-58 Ply.	13	YP-4532 64 Chev.	28				
NVW-6238 65-67 VW	54	RAV-5403A/AB	57	TR-12 Tractor	4						
NY-400 60 Chry.	14	RG-59	14	TR-138T	25						
NY-598A 58 Chry.	10	RG-59C	14	TR-148	25						
NY-3012 63 Chry.	23	RHR-7280	63	TR-0048	25						
NY-3100 63 Chry.	26	RP-70 60 Amer. Motors	13	TR-7281 Tractor	59						
NY-5101N 65 Chry.	35	RP-481AT 60-61 Amer. Motors	13	TR-7292	81						
NY-8220 68 Chry.	60	RP-5109 59 Amer. Motors	13	TR-7390 Tractor	59						
OAE-10 60 Olds.	14	RP-5151 65 Amer. Motors	13	TRF-3534 73 Ford, Merc.	168						
OAE-4531 64 Olds.	28	RP-3097 63 Amer. Motors	26	TRF-4523 74 Ford, Merc.	168						
OE-160 60 Olds.	14	RF-3390 73 Olds.	175	TRF-1490 71 Ford, Merc.	131						
OE-171AT 61 Olds.	16	OPD-3247 68-73 Kadette,		TRF-2233 73 Ford, Merc.	131						
OE-3024 63 Olds.	23	71-73 Opel 1900	172	TRF-3287 73 Ford, Merc.	169						
OE-3026A 71-73 Olds.	159	OPM-1869 71 Olds.	131	TRF-3356 73 Ford, Merc.	175						
OE-4031 64 Olds.	28	OPM-2215 71-72 Olds.	131	TRF-4287 74 Ford	169						
OE-5031 65 Olds.	29	OPN-5290 73 Olds.	169	TRL-4045 74 Ford	159						
OE-5031 65 Olds.	29	OPN-5290F	225	TRM-4824 74 Ford							
OE-7162 67 Olds.	60	OPN-5290F	225	(Pg. 5)	163						
OFA-3390 73 Olds.	175	OPN-5290F	225	TRP-4724 74 Ford	171						
OFD-3247 68-73 Kadette,		OPN-5290F	225	TRX-4491 74 Ford	170						
71-73 Opel 1900	172	OPN-5290F	225	TRX-4647 74 Ford, Merc.	171						
OPM-1869 71 Olds.	131	OPN-5290F	225	TU-6217	58						
OPM-2215 71-72 Olds.	131	OPN-5290F	225	TUN-5	15						
OPN-5290 73 Olds.	169	OPN-5290F	225	TXC-3449, TXC-3489							
OPN-5290F	225	OPN-5290F	225	73 Chev.	167						
OLA-4483 74 Olds.	170	OPN-5290F	225	TXC-3650 73 Chev.	165						
OLM-3099A 73 Olds.	159	OPN-5290F	225	TXO-3477, TXO-3479							
OML-4099 74 Olds.	159	OPN-5290F	225	73 Olds.	167						
OPE-3702 73 Olds.	171	OPN-5290F	225	TXP-3491B 73 Ford,							
OPL-4271 74 Opel	172	OPN-5290F	225	Merc.	170						
OPL-4009 (Sim. to		OPN-5290F	225	TXP-3499	167						
Pg. 5)	159	OPN-5290F	225	TXR-3491 73 Ford,							
OPX-4438 74 Opel	174	OPN-5290F	225	Merc.	167						
OPX-4472	170	OPN-5290F	225	TXR-3636 73 Ford,							
OXA-3670 73 Olds.	165	OPN-5290F	225	Merc.	165						
OXE-3483 73 Olds.	167	OPN-5290F	225	UAF-6224	64						
OXE-3632 73 Olds.	165	OPN-5290F	225	UAF-6270	94						
P-69	6	OPN-5290F	225	UAF-6270L	226						
P-65 51 Ply. (Rev.)	6	OPN-5290F	225	UE-4155A	28						
P-4152	27	OPN-5290F	225	UE-4171A	28						
P-4652	27	OPN-5290F	225	UE-4655A	28						
P-5040 65 Pont.	29	OPN-5290F	225	UE-4671A	28						
PA-74R	30	OPN-5290F	225	UFP-3089	59						
PA-85	23	OPN-5290F	225	UFP-4305	59						
PA-3065 63 Ply.	26	OPN-5290F	225	UFP-509B	12						
PA-3285	23	OPN-5290F	225	UN-40	12						
PAC-90 60 Pont.	14	OPN-5290F	225	UP-2064P (Sim. to							
PAC-3067 63 Pont.	23	OPN-5290F	225	Pg. 5)	159						
PAC-4529 64 Pont.	28	OPN-5290F	225	UP-2064T (Sim. to							
PAF-4340	29	OPN-5290F	225	Pg. 45)	160						
PAP-69 59 Ply.	15	OPN-5290F	225	UPX-2354F	225						
PAP-80 60 Ply.	15	OPN-5290F	225	UST-6219	86						
PAP-3066 63 Ply.	22	OPN-5290F	225	VAL-4088 74 Ply.	159						
PC-350 60 Olds.	14	OPN-5290F	225	VAX-4443	159						
PC-361AT 63 Pont.	23	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PC-3027 63 Pont.	23	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PC-3030A 71-73 Pont.	159	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PC-4029 64 Pont.	28	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PC-5041 65 Pont.	29	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PC-7165 67 Pont.	62	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PEO-3519 73 Ford	168	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PFM-1434 71 Pont.	131	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PFM-2208 71-72 Pont.	131	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PFM-3092A 63 Pont.	22	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PFM-3094 63 Ply.	22	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PFM-3295 73 Pont.	169	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PFM-6257 66 Pont.	66	OPN-5290F	225	VBL-4088 74 VW (Pg. 5)	159						
PFX-5109 65 Ply.	30	OPN-5290F	225	VBL-4088 74 VW (

AUDIOVOX (CONT.)	VOL.	AUDIOVOX (CONT.)	VOL.	AUDIOVOX (CONT.)	VOL.	AUTOMATIC (CONT.)	VOL.	AUTOMATIC (CONT.)	VOL.	AUTOMATIC (CONT.)	VOL.
DA-75-TPX/A	219	LUV-74-PB(Pg.5)	138	136-1022	226	CM-333 53 Chev.	4	DUP-4651	27	FXT-3611	177
DCF-75-CXP	218	MAT-73-FM(Pg.21)	133	136-1024	219	MP-7217 67 Merc.	60	DUP-6202	57	GAP-3031 Pont.	159
DCF-75-QDX	226	MAT-73-MPX(Pg.45)	136	136-1027	219	CMR-7151 67 Chev.	60	DX-410 60 Dodge	73	GAP-3031A(TCP-3028)	173
DCF-75-TPX/A	219	MAT-74-FM(Pg.21)	133			CRM-8252 67-68 Chev.	60	DX-619 59 Dodge	13	GES-6394-PHX-71	159
DMO-75-CXP	218	MAT-74-MPX(Pg.45)	136			CNV-3022 73 Chev.	159	DX-3013 63 Dodge	22	GES-1111-1-PAK	71
DMO-75-QDX	226	MAT-75-CXP	218	AUSTIN HEALEY		CP-478-C 58 Chev.	12	DX-5121 65 Dodge	30	GFP-1495 71 Pont.	131
DMO-75-TPX/A	219	MAT-75-QDX	226	HAC700 4TMB	30	CP-489-F 59 Chev.	14	DX-5121N 65 Dodge	35	GFP-2210 71-72 Pont.	131
DST-73-FM (Pg.21)	133	MAT-75-TPX/A	219			CP-500 59-60 Chev.	14	DX-7111 66-67 Dodge	62	GFP-3294 73 Pont.	169
DST-73-MPX (Pg.45)	136	ME-73-FM	181	AUTOMATIC		CP-511AT 61 Chev.	16	DX-8212 68 Dodge	60	GFP-3333 73 Pont.	175
DST-73-PB (Pg.21)	136	ME-73-PB	181	AC-4558 64 Merc.	27	CP-522AT 62 Chev.(LP)	24	DX-8212 68 Dodge	60	GPE-4545 74 Pont.	168
DST-74-FM (Pg.45)	136	ME-74-PB	181	ACE-3113 73 Chev.	161	CP-3002 63 Chev.	23	ECL-4259 74 Ford	172	GPE-4294 74 Pont.	169
DST-74-PB (Pg.21)	136	ME-75-FM/MPX	181	ACP-3044 63 Merc.	23	CP-3002A 73 Chev.	159	ECF-4055 74 Ford	(Pg.45)	GPL-4041 (Sim. to	
DTN-71-FM	137	ME-75-PB	181	ACP-4559 64 Merc.	27	CP-4050 64 Chev.	28	(Pg.45)	160	Pg.5)	159
(Sim. to Pg.5)	137	OL-74-FM/MPX	174	ACS-6000	73	CP-4050N 64 Chev.	37	ECN-3055 69-73 Ford	159	GPP-3733 73 Pont.	171
DTN-610-FM (Pg.5)	93	OL-74-PB	174	ACY-3117 (APP-2567)	73	CP-5004 65 Chev.	29	EM-29	21	GPP-4733 74 Pont.	171
DTN-620-FM (Pg.5)	94	OL-75-CXP	216	APP-3103 (APP-2567)	161	CP-5004N 65 Chev.	37	EMS-2121	119	GXP-4559 74 Pont.	171
DTN-1200-FM	154	OL-75-MXD	216	APP-3103 (APP-2567)	161	CP-825AT 68 Chev.	39	EMK-6810	89	GXP-3459 73 Pont.	167
DTN-1200-PB	155	OL-75-QDX	226	APP-3103 (APP-2567)	161	CPA-3047 63 Chev.	28	EP-108 58 Ford	12	GXP-3459N 73 Pont.	170
DTR-73-FM (Pg.5)	137	OL-75-TPX/A	219	APP-3103 (APP-2567)	161	CPE-3714 73 Chev.	171	ESS-8528	95	GXP-3665 73 Pont.	165
DTR-73-MPX	177	OLF-73-FM/MPX	181	APP-3107 (APP-2563)	161	CPF-4542 74 Merc.	168	EXP-8012	121	H-9 58 Hillman	12
DTR-73-PB (Pg.5)	138	OLF-73-PB	174	APC-3107 (APP-2563)	161	CPF-4257 74 Merc.	172	F-100 49-50 (Rev.)	6	H-400 49-50-51	
DTR-74-FM (Pg.5)	137	OLF-74-FM/MPX	181	APX-2334	120	CPL-4006 74 Merc.	161	Ford	12	H-400 49-50-51	
DTR-74-MPX	177	OLF-75-FM	174	ASK-3129 (APP-2567)	161	CPL-4006T (UP-2064T)	161	F-128/C 58 Ford	12	Hudson	6
DTR-74-PB (Pg.5)	138	OLF-75-PB	174	ATC-60 59-60 Chev.	15	74 Merc. (Pg.45)	160	F-151 51 Ford (Rev.)	11	HOR-3093 72-73	
DTR-75-CXP	218	OLF-75-QDX	226	ATC-3127 (APP-2567)	161	CPV-3710 73 Chev.	171	F-152 52 Ford	6	Amer. Motors	159
DTR-75-TPX/A	219	OLF-75-TPX/A	219	AUF-2565A	172	CPV-3710 73 Chev.	171	F-241 54 Ford	6	HP-10 58 Hillman	12
DVA-73-FM (Pg.5)	137	OMA-73-FM(Pg.21)	133	AUX-2565A	172	CPV-3710 73 Chev.	171	F-322A	19	HP-15 58 Hillman	12
DVA-73-MPX	177	OMA-73-MPX(Pg.45)	136	AUX-2565A	172	CPV-5007 65 Chev.	29	F-322A	19	HRL-4093 74	
DVA-74-FM (Pg.5)	137	OMA-73-PB(Pg.21)	136	AV-3105 73 Chev.	161	CPV-5007 65 Chev.	29	F-322A	19	Amer. Motors	159
DVA-74-MPX	177	OMA-74-FM(Pg.45)	136	BAP-9 59 Buick	13	CPV-7154 67-68 Chev.	71	F-4055 64 Ford	27	HRX-4444	170
DVA-74-PB (Pg.5)	138	OMA-74-PB(Pg.21)	136	BAP-20 60 Buick	14	CPV-7154 67-68 Chev.	71	F-5058N 65 Ford	36	IDC-3224	222
DVA-75-CXP	218	OML-71-FM (Sim.	137	BAP-4530 64 Buick	28	CPV-8256 68 Chev.	60	F-6105P 65/66 Ford	40	IPX-3732 73 Chev.	171
DVA-75-TPX/A	219	to Pg.5)	137	BAR-8209 68 Ply.	60	CR-4440 74 Chev.	174	FA-219 59 Ford	11	LPP-3445 73 Chev.	167
ECO-73-FM(Pg.5)	138	OML-71-PB (Sim.	137	BFP-2256 72 Buick	131	CR-3006 63 Chev.	23	FA-3056 63 Ford	23	LXP-3448 73 Chev.	170
ECO-73-MPX	177	to Pg.5)	137	BFP-3280 73 Buick	169	CR-3046 63 Chev.	23	FA-4555 64 Ford	27	K-700 51 Henry J	6
ECO-73-PB(Pg.5)	138	OML-71-PB (Sim.	137	BP-340 60 Buick	14	CRA-4534 64 Chev.	28	FA-6605P 65/66 Ford	40	KGF-4231 74 V.W.	172
ECO-74-FM (Pg.5)	137	to Pg.5)	137	BP-668 57-58 Buick	12	CRP-442A/AT 53 Chev.	23	FA-6605P 65/66 Ford	40	KGL-4087(Sim. to Pg.5)	159
ECO-74-MPX	177	OTN-73-FM/MPX	181	BP-679 59 Buick	13	CRP-3007 63 Chev.	23	FA-6605P 65/66 Ford	40	KG-4418 V.W.	174
ECO-74-PB (Pg.5)	138	OTN-73-PB	173	BP-3081 63 Buick	23	CRP-4033 64 Chev.	28	FA-6605P 65/66 Ford	40	L-590 59-60 Stude.	14
ECO-75-CXP	218	OTN-74-FM/MPX	181	BP-3095 (BP-2094D)	72	CRP-5009 65 Chev.	29	FAP-70 60 Ford	14	L-559 59 Stude. (EP)	11
ECO-75-TPX/A	219	OTN-74-PB	174	B2 Buick	159	CRP-6056 65-66 Chev.	62	FAP-4556 64 Ford	27	L-559 60 Stude.(LP)	14
FCC-73-FM (Pg.5)	137	PAC-75-CXP	218	BP-4030 64 Buick	28	CRP-7156 65-66 Chev.	62	FAP-6606P 65/66 Ford	40	LA-449 59 Stude.	11
FCC-73-MPX	177	PAC-75-TPX/A	219	BP-7160 66-67 Buick	62	CRS-9440	103	FAR-762AT 62 Ford	24	LAP-29 59 Stude.	11
FCC-74-FM (Pg.5)	137	PAI-75-QDX	226	BUE-4539 74 Buick	168	CSA-4125 74 Olds.	176	FAR-762AT 62 Ford	24	LAP-40 59-60 Stude.	14
FCC-74-MPX	177	PF-73-FM (Pg.21)	133	BUE-4280 74 Buick	169	CSA-9934	103	FAR-4054 64 Ford	27	LMA-4123 74 Pont.	176
FDT-73-FM/MPX	181	PF-73-MPX (Pg.45)	136	BUL-4095(Pg.5)	159	CSF-4525 74 Olds.	168	FAR-7205 67 Ford	60	LME-4293 74 Pont.	169
FDT-73-PB	174	PF-73-PB (Pg.21)	136	BUX-4485 74 Buick	170	CSF-4285 74 Olds.	169	FBX-4660	170	LME-4293 74 Pont.	169
FDT-74-FM/MPX	181	PF-74-FM (Pg.21)	133	BUX-4682 74 Buick	177	CSP-4289 74 Olds.	169	FEB-3525 73 Olds.	168	LME-4527 74 Pont.	168
FDT-74-PB	174	PF-74-PB (Pg.45)	136	BXP-3485 73 Buick	167	CT-4024 74 Olds.	159	FEP-3503 73 Ford	168	LMP-4293 74 Pont.	169
FDT-75-CXP	218	PG-73-FM (Pg.21)	136	BXP-3671 73 Buick	165	CSP-4726 74 Olds.	171	FEP-3503 73 Ford	168	LMP-4028 74 Pont.	159
FDT-75-TPX/A	219	PG-73-TPX/A	219	C-12	11	CSP-4479 74 Olds.	170	FEP-3514 73 Ford	168	LMP-4293 74 Pont.	169
FGA-75-CXP	218	PGP-73-FM/MPX	181	C-300	40-50 (Rev.)	CT-387 57 Chev.	13	FEB-1470 71 Pont.	131	LMX-4487 74 Pont.	170
FGA-75-FDX	222	PGP-73-PB	174	C-300 40-50 (Rev.)	2	CT-387 57 Chev.	13	FFB-2213 71-72 Pont.	131	LP-929 59 Stude.	11
FGA-75-FFX	223	PGP-74-FM/MPX	181	C-300 40-50 (Rev.)	2	CTL-4058 64 Merc.	12	FFB-1632 71 Ford	131	M-29 59 Stude.	11
FGA-75-QDX	226	PGP-74-PB	174	C-338-C 58 Chev.	11	CTL-4001 (Sim. to	7	FFM-3209 63 Ford	131	LAP-29 59 Stude.	11
FGA-75-TPX/A	219	PGP-75-CXP	218	C-349 59 Chev.	11	Pg.5)	159	FFM-3209 63 Ford	131	LAP-40 59-60 Stude.	14
FMK-73-FM/MPX	181	PGP-75-MXD	216	C-382AT 62 Chev.(LP)	24	CTP-792AT 62 Merc.	23	FFM-3288 73 Ford	169	LMA-4123 74 Pont.	176
FMK-73-PB	174	PGP-75-QDX	226	C-382AT 62 Chev.(LP)	24	CTP-3004 63 Merc.	23	FFM-3288 73 Ford	169	LME-4293 74 Pont.	169
FMK-74-FM/MPX	181	PGP-75-TPX/A	219	C-3001 63 Chev.	23	CTP-4059 64 Merc.	27	FFM-3288 73 Ford	169	LME-4527 74 Pont.	168
FMK-74-PB	174	PO-73-FM/MPX	181	C-4049 64 Chev.	28	CTP-5071 65 Merc.	29	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMK-75-CXP	218	PO-73-PB	174	C-4049N 64 Chev.	37	CTP-7211A 67 Merc.	62	FFM-3288 73 Ford	169	LMP-4028 74 Pont.	159
FMK-75-FDX	222	PO-74-FM/MPX	181	C-5003 65 Chev.	29	CTR-6A 55-56 Chev.	12	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMK-75-QDX	223	PO-74-PB	174	C-5003N 65 Chev.	37	CTR-6B 55-56 Chev.	13	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMK-75-TPX/A	219	PO-75-CXP	218	C-6051 66 Chev.	39	CTR-77A 57 Chev.	9	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMU-73-FM/MPX	181	PO-75-MXD	216	CA-109 59 Chev.	11	CUA-39	12	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMU-73-PB	174	PO-75-TPX/A	219	CA-3041 63 Chev.	23	CUA-4113 74 Chev.	176	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMU-74-FM/MPX	181	PVN-73-FM (Pg.21)	133	CA-4549 64 Chev.	28	CVE-4513 74 Chev.	168	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMU-74-PB	174	PVN-73-MPX (Pg.45)	136	CA-4549 64 Chev.	28	CVP-4298 74 Chev.	169	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMU-75-CXP	218	PVN-73-PB (Pg.21)	133	CA-5503N 65 Chev.	37	CVL-4013 74 Chev.	159	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMU-75-TPX/A	219	PVN-73-TPX/A	219	CAE-3064 63 Olds.	23	CVX-4714 74 Chev.	171	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FMX-20	196	PVN-74-FM (Pg.21)	136	CAP-49 59 Chev.	14	CVX-4481 74 Chev.	170	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FO-73-FM/MPX	181	PVN-74-MPX (Pg.45)	136	CAP-60 59-60 Chev.	14	CXV-4653 74 Chev.	177	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FO-73-PB	174	PVN-74-PB (Pg.21)	136	CAP-3042 63 Chev.	23	CXP-3413	170	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FO-74-FM/MPX	181	QD-1000	226	CAP-4550 64 Chev.	28	CXP-3463 73 Chev.	167	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FO-74-PB	174	TM-2000	219	CAP-4550N 64 Chev.	37	CXV-3481 73 Chev.	167	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FO-75-CXP	218	TO-73-FM	156	CAP-5504N 65 Chev.	37	CY-3010 63 Chev.	23	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FO-75-FDX	222	TO-73-MPX	190	CAP-6552 66 Chev.	39	CY-4025 64 Chev.	28	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FO-75-QDX	223	TO-73-PB	194	CAV-4548 64 Chev.	28	CY-5006 65 Chev.	29	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FO-75-TPX/A	219	TO-74-FM	210	CCP-4732 74 Chev.	171	CYP-3009 63 Chev.	23	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FPT-73-FM/MPX	181	TO-74-MPX	211	CCX-4445 74 Chev.	170	CYP-3015 69-73 Chev.	159	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FPT-73-PB	174	VA-73-FM (Pg.21)	136	CEE-4529 74 Buick	168	CYP-4032 64 Chev.	28	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FPT-74-FM/MPX	181	VA-73-MPX (Pg.45)	136	CEF-119 English Ford	15	CYP-5005 65 Chev.	29	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FPT-74-PB	174	VA-73-PB (Pg.21)	133	CEP-4279 74 Buick	169	CYP-7158 66-67 Chev.	60	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FPT-75-CXP	218	VA-74-FM (Pg.21)	133	CEP-3509 73 Chev.	168	D-2 59 Renault	12	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FPT-75-TPX/A	219	VA-74-MPX (Pg.45)	136	CEP-3520 73 Chev.	168	D-8 59 Renault	12	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FTR-73-FM/MPX	181	VA-74-PB (Pg.21)	136	CEP-4735 74 Buick	171	DAD-6508 66 Dodge	39	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FTR-73-PB	174	VE-73-FM/MPX	181	CET-6750	58	DAP-39 59 Dodge	39	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FTR-74-FM/MPX	181	VE-73-PB	174	CEV-3524 73 Chev.	168	DD-5125 65 Dodge	30	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FTR-74-PB	174	VE-74-FM/MPX	181	CFC-2260AC 70-72	170	DD-5125N 65 Dodge	35	FFM-3288 73 Ford	169	LMP-4293 74 Pont.	169
FTR-75-CXP	218	VE-74-PB	174								

BUICK (CONT.)	VOL.	BUICK (CONT.)	VOL.	CADILLAC (CONT.)	VOL.	CHANNEL MASTER (CONT.)	VOL.	CHEVROLET (CONT.)	VOL.	CHEVROLET (CONT.)	VOL.
50BFMT3 75	210	7306964 69	70	95CT411/12 69	71	6318	142	31XFPM (Pg.29)	109	985957 64	24
50BFP1/PK1 75	191	7305554 72	112	95CMB1/2	70	6348	229	31XFPM (Pg.25)	127	985958 64	23
50BPP1	191	7313514 (14AFP1) 71	101	990552 66	37	6378	188	31XFPM (Pg.25)	127	986099 65	29
50BPP1 75	190	7313514 (24AFP2) 72	118	990553 66	36	6379	187	31XPBK1 (Pg.47)	124	986108 65	29
50BPP3 75 (Pg.29)	192	7313604 (14APB1) 71	106	7264165 54	5	6382	182	31YFMI (Pg.25)	124	986113 65	29
50BPPK1	192	7313604 (24APB1) 72	115	7265825 55	6	6383	185	31YFPI (Pg.25)	127	986116 65	31
50BPPK3 75 (Pg.29)	192	7895851-1 76	229	7265845 55	6	6385A	224	41APB1	165	986116 66	31
50BPPBT 75	190	7930134 (14BPBT2) 71	114	7265855 56	6	6540	224	41APBK1 74	165	986118 65	29
50BPPBT3 75	215	7930134 (14BPBT1) 71	100	7266505 56	6	6541	224	41BFMI 74	169	986118 66	31
50HFM1 74 (Pg.103)	188	7930134 (24BPBT1) 72	114	7268005 57	7	6542	224	41BFM2 74	174	986201 65	29
50HFM1/PK1 75	191	7930134 (24BPBT2) 72	128	7268035 57	7	6543	224	41BFMT1 74	171	986202 65	31
50HFM1/PK1 75	191	7930134 (34BPBT1) 73	138	7268085 58	8			41BFPI/K1	168	986203 65	29
50HFM1/PK1 75	191	7930144 (14BFMT1) 71	98	7270405 58	8			41BPB1 74	165	986248 65	29
51XFM1/72 75	192	7930144 (14BFMT2) 71	120	7272505 59	10			41BPBK1 74	165	986250 65	31
51XFP1, 51XFPK1 75	189	7930224 (24BFP1) 72	120	7274905 59	10			41FBT1 74	166	986252 65	29
51XPB1 75	186	7930234 (14BFP1) 71	96	7274925 60	12			41FFMT1 74 (Pg.19)	75	986261 65	31
51XPB2/BK2	217	7930234 (24BFP1) 72	110	7276605 61	12			41FFMT2 74 (Pg.17)	101	986330 65	29
51XPBK1 75	186	7930244 (14BFP1) 71	102	7279615 62	18			41FVPM1 74 (Pg.25)	127	986339 65	29
51XPBT1/ 75	193	7930244 (24BFP1) 72	113	7281225 62	18			41XFP1/PK1 74 (Pg.25)	127	986374 65	29
54BFM1/M2 75	189	7930244 (24BFP2) 72	125	7282315 63	19			41XPBK1/BK1 74	167	986521 66	38
54BFP1, 54BFPK1 75	188	7933241 65	217	7282325 63	20			41YFPM 74 (Pg.25)	127	986522 66	36
60BPM1/BK1 76 (Pg.29)	192	7933241 (51XPB1) 75	186	7286315 (LP) 63-64	25			41YFPM2 74 (Sim. to Pg.25)	127	986527 66	38
60BPM1 76 (Pg.13)	189	7933251 75	189	7290255 65	31			50HFM1 75 (Pg.103)	188	986528 66	36
60BPM1/PK1 76 (Pg.21)	188	7933261 75	191	7290255 65	31			50HFM1/PK1 (Pg.103)	191	986529 66	38
60BPM1/PK1 76 (Pg.29)	192	7933271 75	193	7290455 65	31			50HFBT1 75	180	986544 66	38
60HFM1 76 (Pg.57)	191	7933401 75	217	7293015 66	38			51APB1/BK1 75	187	986546 66	35
60HFM1 76	221	7933501 75	186	7293025 66	38			51BFM1/M2 75	191	986546 66	37
60HFP1 76 (Pg.27)	186	7933511 75	189	7293905 66	36			51BFMT1/72 75	189	986644 66	37
60HFBT1/BK1 76 (Pg.65)	187	7935004 (34APB1) 73	139	7293915 66	37			51BFMT375	206	986668 53	4
60HFBT1/T2 76	187	7935004 (34APB2) 73	144	7298465 67	44			51BFPI/K1 75	186	986731 66	37
60XFM1 76 (Pg.85)	191	7935004 (44APB1) 74	171	7298485 67	45			51BPB1/BK1 75	187	986769 66	36
60XFP1/PK1 76 (Pg.85)	189	7935014 (34AFP1) 73	140	7298485 68	56			51BPBT1/72 75	188	986771 66	5
60HFM1/BK1 76 (Pg.87)	186	7935014 (44AFP1) 74	170	7303215 68	56			51SVPM1 75	207	986823 67	42
61HFM2 (Sim. to Pg.47)	221	7935024 (34AFM1) 73	142	7303225 68	56			51SVPM2 75	217	986823 67	42
61HFM3 75	229	7935024 (44AFM1) 74	175	7307615 69	74			51TFM1 75	189	986835 67	42
94AFP1 69	70	7935024 (44AFM2) 74	172	7311205 69	74			51TFM2 75	189	986845 67	42
94APB1 67	61	7935034 (34APB1) 73	138	7312025 69	74			51XFM1 75	191	986846 67	42
94BPM1/EFM1 69	67	7935034 (44APBT1) 74	169	7930015 71	100			51XFM2 75	191	986847 67	42
94BPM2/EFM2 69	67	7935044 (34AFM1) 73	150	7930025 71	102			51YFMI/K1 75	189	986852 67	41
94BFP1 69	70	7935044 (34AFM2) 73	145	7930035 71	96			51XPB1 75	186	986853 67	41
94BPM1 69	62	7935044 (44AFM1) 74	173	7930495 72	112			51XPB2/BK2 75	217	986854 67	43
94BPM2 69	62	7935374 72	112	7937005 71	114			51XPBK1 75	186	986863 67	41
94BT411 69	68	7935814 (51APBK1) 73	139	7937025 72	110			51XPBT1/72 75	193	986864 67	41
94BT42 69	68	7935814 (34APBK2) 73	144	9341846 (36CMM1) 73	178			51YFM1 75	191	986865 67	43
94EFP1 69	70	7935814 (44APBK1) 74	171	9341846 (36CMM2) 73	144			51YFPI 75	189	986868 67	41
94EFP2 69	62	7935834 (34AFP1) 73	140	9341866 73	142			60HFM1 76 (Pg.57)	191	986869 67	41
980051 60	12	7935834 (44AFP1) 74	170	9341876 73	139			60HFM2 76	221	987086 55	5
980052 60	13	9341624 (34BPM1) 73	139	9342586 74	178			60HFM1/PK1 76 (Pg.27)	186	987087 55	5
980132 61	15	9341624 (34BPM2) 73	139	9342606 (46CFPI) 74	175			60HFBT1/BK1 76 (Pg.65)	187	987088 55	5
980134 61	16	9341634 (34BFP1) 73	140	9342606 (56CFPI) 75	190			60HFBT1/T2 76	220	987187 55	6
980135 61	14	9342204 73	145	9344336 (46CFMT1/T2)	170			60XFM1 76 (Pg.85)	191	987187 56 See 987088	5
980296 62	17	9344124 74	171	9344336 (56CFMT1/T2/T3)	194			60XFP1/PK1 76 (Pg.85)	189	987368 56	6
980297 62	18	9344134 74	170	9344376 75	192			60XPBK1/BK1 76 (Pg.87)	186	987368 56	6
980316 62	19	9344144 (44BFM1) 74	175					61BFMT1 76 (Pg.29)	206	987573 57	7
980462 63	19	9344144 (44BFM3) 74	172					61BFMT2 (Sim. to Pg.47)	221	987575 57	7
980463 63	21	9344154 74	169					61BPM1/BK1 76 (Pg.65)	187	987693 57	7
980464 (LP) 63	20	9344164 74	173					61BPM2 76 (Pg.85)	207	987724 58	8
980464A (LP) 63	20	9345270 (Pg.103)	191					61GVFPI 76 (Pg.85)	189	987727 58	8
980626 63	21	9345280 (Pg.103)	191					61GVPM1 76 (Pg.87)	186	987730 58	9
980635 63	21	9345290 (Pg.103)	188					61HFM2 (Sim. to Pg.47)	221	987888 59	10
980649 64	25	9345480 75	192					61HFM3 75	229	987891 59	10
980655 64	25	9345490 75	192					61SVPM1 76 (Pg.87)	186	987893 59	10
980657 64	25	9345500 (75)	215					61TFM1/PK1	218	988062 60	12
980659 64	25	9345500 (50BPM1) 75	190					61TFM2 76 (Pg.85)	217	988080 60	12
980869 65	29	9345500 (50BPM2) 75	190					61XFM1 76 (Pg.85)	189	988275 60	13
981059 66	35	9345510 75	210					61YFPI 76 (Pg.85)	189	988276 60	12
981059 66	35	9345534 75	188					81AT412 68	59	988336 61	15
981320 53	4	9345544 75	188					81AT422 68	59	988341 61	15
981321 53	4	9345554 75	189					91AMP11 69	69	988414 61	14
981323 53	4	9345590 75	192					91APB1 69	51	988460 61	15
981550 54	5	9345940 75	192					91BFM2 69	61	988468 61	14
981551 54	5	9347740 76	221					91BPM1 69	60	3711897 55	6
981651 55 See 981550	4	9347980 75-76	220					91BPM2 69	60	3725156 56-57	7
981652 55	5	9349470 (Pg.103)	191					91BPM21 69	60	3748611 58	9
981707 56	6	9349480 (Pg.103)	191					91BPB1 69	68	7296341 66	37
981708 56	6	9349490 (Pg.103)	188					91BT411/12/21/22 69	67	7296531 66	37
981813 57	7							91FPM11 69	61	7297901 68	49
981814 57	7							91TPB1 69	59	7298501 67	44
981902 58	8							91VFM2 69	70	7299111 68	49
981903 58	8							91VFP1 69	73	7299561 66	37
981968 59	10							91VPM1 69	70	7300471 67	43
981969 59	11							91ZPM1 69	59	7300481 67	43
981970 59	10							985036 61	16	7300491 67	43
7285424 65	30							985158 62	17	7300941 67	42
7285444 65	31							985159 62	18	7301001 67	44
7288794 65	31							985203 62	17	7301001 67	44
7289714 65	30							985227 62	18	7302451 68	48
7289734 65	30							985264 62	17	7302721 68	52
7289754 65	31							985315 62	18	7302721 68	52
7297774 65	31							985332 62	17	7302721 (91VFP1) 69	73
7											

CHEVROLET (CONT.)	VOL.	CHEVROLET (CONT.)	VOL.	CHRYSLER (Also See MoPar)	VOL.	CRAIG (CONT.)	VOL.	DODGE (CONT.)	VOL.	DODGE (CONT.)	VOL.
7305841 (21TPB1) 72	110	7939071 (51BFBT1) 73	139	2884754 70	83	3139	197	1PD2312 73	152	3489650 (1DT1316,	
7305841 (21TPB2) 72	124	7939071 (41BFBT1) 73	166	2884758 70	81	3140	193	1PD2346 73	158	1DT1336, 2DT1316) 73, 153	
7305841 (41SVPB1) 74	167	7939071 (51BFBT1/T2)		2884759 72	128	3141	207	1PD2349 73	158	3501013 (1BBC) 71	89
7305841 (51SVPB1) 75	186	75	188	2884844 70	87	3142	203	1PD2509 75	194	3501013 (1BDI 209,	
7306121 68	58	7939071 (51BFBT3) 75	207	2884847 69	77	3144 (Code 01)	194	1PF1206 72	131	2DP1209) 72	128
7306361 68	55	7939081 (31BFBT2) 73	142	2884874 70	77	3144A	198	1PF1312 73	156	3501013 (GG01303) 71	104
7307121 68	51	7939081 (31BFBT1) 73	151	2884875 70	79	3148	204	1PF2205 72	135	3501013 73 (Sim. to	
7307801 (Sim. to	44	7939081 (41BFBT1) 74	171	2884876 70	77	3504/05	158	1PF2310 73	152	Fig. 73)	122
7307811 (Sim. to	48	7939081 (51BFBT1/T2)		3420560 70	108	3506	158	1PF2347 73	158	3501013 (2PD1308) 73	157
7307821 (Sim. to	48	75	189	3420560 69	96	3507	177	2CH1401 74	203	3501013 74	179
7307831 (Sim. to	48	7939081 (51BFBT3) 75	206	3489157 70	108	3508	207	2CH1605 70	223	3501014 71	105
7307841 (Sim. to	49	9343051 75	189	3501013 (1PD1209,	96	3511/12	206	2CH2402 74	180	3501045 71	105
7307851 (Sim. to	48	9343061 75	186	2PD1209)	128	3513	208	2CH2602 76	228	3501059 71	105
7307861 (Sim. to	48	9344651 75	189	3501013 73 (Sim. to	122			2DC1011 70	83	3501156 71	104
7307871 (Sim. to	49	9345270 (Pg. 103)	191	3501045 71	105			2DP1209 72	128	3501156 71-72	122
7307881 (Sim. to	49	9345280 (Pg. 103)	191	3501059 71	105			2DT1316 75	153	3501156 (2PF1203) 72	128
7307891 (Sim. to	48	9345290 (Pg. 103)	188	3501156 72	105			2PD1006 70	84	3501156 (2PF1324) 73	157
7307901 (Sim. to	49	9347740 76	221	3501156 72	128			2PD1211 72	128	3501157 70	109
7308211 69	68	9347980 75-76	220	3501163 (1CH1210,	136			2PD1212 72	128	3501231 74	179
7313091 70	70	9348311 76	217	2CH1210) 72	136			2PD1306 73	157	3501232/33/34 74	181
7313091 (11BT411) 71	97	9348311 76	217	3501163 (1CH1314) 73	157			2PD1308 73	157	3501237 74	176
7313091 (21A7411) 72	112	9348321 76	217	3501164 (18BFW1) 71	98			2PD1315 73	157	3501239 74	180
7314201 (11BPB2) 71	97	9348341	218	3501164 (28BFW1) 72	109			2PD1506 75	196	3501240 (1CH3507,	
7314201 (21BPB2) 72	120	9433061 75	217	3501164 (39BFW1/	109			2PD2509 75	194	5CH3507) 75	195
7314201 (31BPB1) 73	137			7313966) 73	147			2PF1203 72	128	3501240 (1CH400S,	
7314201 (31BPB2) 73	145			3501165 71	108			2PF1324 73	157	5CH400S) 74	181
7314201 (41BPB1) 74	165			3501166 71	104			5CH1401 74	179	3501328 (1CH4507,	
7314201 (51BPB1) 75	185			3501231 74	106			5CH1605	223	3501329 (1CH4507,	
7314211 (11BFW1/M2) 71	101			3501232/33/34/35 74	181			5CH2402 74	180	3501329 (1CH402,	
7314211 (21BFW1) 72	114			3501237 74	176			5CH2602 76	228	5CH402) 74	180
7314211 (31BFW1)				3501238 74	176			5CH3507 75	195	3501329 (1CH4508,	
(PCBAR-151) 73	140			3501240 (1CH2401,	181			5CH400S 75	195	3501376 75	192
7314211 (41BFW2) 74	169			5CH2401 74	176			5CH4507 75	192	3501472 76	228
7314211 (41BFW1) 74	174			3501240 (1CH3507,	195			5CH4508 75	195	3501501 72	135
7314211 (51BFW1/M2) 75	191			5CH1240 75	214			5CH4509 75	196	3501501 73	152
7314221 71	93			3501240 75	214			5PD1506 75	196	3501502 (1PF2205) 72	135
7314291 71	104			3501328 75	195			5PD2509 75	194	3501502 (1PF2310) 73	152
7895851-1 76	229			3501329 (1CH400S,	180			7BD 67	47	3501503 (1PD2309) 73	152
7896001 (Sim. to Pg. 47)	221			5CH4508) 75	192			8BC 68-69	52	3501503 (1PD2207) 72	135
7930061 72	115			3501504 (1CL2206) 72	133			8BD 68-69	57	3501506 (1PD1207) 72	131
7930121 (11BFWT1) 71	105			3501504 (1CL2311) 73	153			8BDT 68 (Sim. to	60	3501507 72	131
7930121 (11BFWT2) 71	118			3501531 72	155			Fig. 79)	60	3501508 (1PF1206) 72	131
7930121 (21KFWT1) 72	118			3501622 75	196			8FBC 68	58	3501508 (1PF1312) 73	156
7930161 71	115			3501623 75	194			8FBCA 68	58	3501521 (1PD2209) 72	133
7930631 71	102			7313966 73	147			8FBD (2932706) 68	60	3501521 (2PD1313) 73	159
7933241 (11APB1) 71	96							8FBD 68 (Sim. to	60	3501622 (1PD1506,	
7933241 (21APB1) 72	110							8FBD 68	58	2PD1506, 5PD1506) 75	196
7933241 (21APB2) 72	124							9BDC 68-69	57	3501622 (2PD1306) 73	157
7933241 (41XPB1) 74	167							9BDC 68-69	57	3501623 (1PD2307) 73	156
7933241 75	217							9BDC 68-69	57	3501623 (1PD2509)	
7933241 (51XPB2) 75	186							248 68/69	57	2PD2509, 5PD2509) 75	194
7933251 (11AFP1) 71	104							252 68/69	57	3501625 73	159
7933251 (21AFP1) 72	117							253 68	52	3501633 73	158
7933251 (21AFP2/P3) 72	127							255 69	58	3501634 73	158
7933251 (51KFP1/PK1)								256 68/69	57	3501635 73	158
75	189							377 67	42	3635069 (1DT1215) 72	137
7933261 (11AFM1) 71	100							388 68	58	3635069 (1DT1317) 73	154
7933261 (21AFM1) 72	109							389 68	58	3635149 (1DT2214) 72	133
7933261 (51KFM1) 75	191							392 68	54	3635149 (1DT2314) 73	159
7933271 (21APB1) 72	74							394 68	54		
7933271 (51KFBT1/T2)								395 68	51		
75	193							397 68	58		
7933281 (21AFMT1)								706A 68	60		
(Sim. Pg. 19)	75							2824744 77	97		
75	192							2824858 70	97		
7933291 (11BPB2) 71	97							CF-10503 70	93		
7933291 (21BPB1) 72	112							CF-15703 70	96		
7933291 (21BPB2) 72	120							CF61005 70	88		
7933291 (31BPB1) 73	137							CF65803 70	85		
7933291 (41BPB1) 74	165							CF74903 70	89		
7933291 (51BPB1) 75	187							CF75203 70	88		
7933301 (11BFP/PK3)								CF75603 70	88		
(Sim. to Pg. 47)	93							CF75703 70	93		
7933301 (21BFPK1) 72	113							CG13013 71	104		
7933301 (21BFPK2) 72	113							CG1403 71	105		
7933301 (31BFPK1) 73	138							CG59903 71	105		
7933301 (41BFPK1) 74	168							CG15603 71	104		
7933301 (51BFPK1) 75	186							CG54803 71	109		
7933401 75	217							CG82704 71	84		
7933501 (21APB2) 72	124							OBCC 70	94		
7933501 (41XPB1) 74	167							OBCC 70-71	89		
7933501 (51XPB1) 75	186							OBCC 70-71	89		
7933511 (21AFP1) 72	117							OBCC 70-71	89		
7933511 (21AFP2/K3)								1BDV 71 (Sim. to			
72	127							Page 45)			
7933511 (51KFPK1) 75	189							1CH3513 75	94		
7933561 (11BPB2) 71	97							1CH4007 70	90		
7933561 (21BPB1) 72	112							1CH4402 74	180		
7933561 (21BPB2) 72	120							1CH4405 74	181		
7933561 (31APB1) 73	137							1CH4507 75	195		
7933561 (31APB2) 73	145							1CH4508 75	192		
7933561 (41APB1) 74	165							1DC2002 70	84		
7933561 (51APB1) 75	187							1DP2010 70	109		
7935021 (21BHPK1) 72	112							1DP2902 69	82		
7935021 (21BHPK2) 72	120							1DT1214 72	135		
7935021 (31APB1) 73	137							1DT1215 72	135		
7935021 (31APB2) 73	145							1DT1244 72	137		
7935021 (51APB1) 75	187							1DT1316 73	153		
7935201 (41APB1) 74	165							1DT1317 73	154		
7935841 72	125							1DT13			

MoPar (CONT.)	VOL.	MoPar (CONT.)	VOL.	MOTOROLA (CONT.)	VOL.	MOTOROLA (CONT.)	VOL.	MOTOROLA (CONT.)	VOL.	NASH (Also See American Motors)	VOL.
205 62 Dodge	17	700 58 Dodge	8	CT65A 65 Chev.	32	PC3A6 51-53 Packard	5	10M	13	NASH (Also See American Motors)	
206 64 Dodge	24	700 60 Dodge (Rev.)	14	CT65M 65 Chev.	32	PD69A 69 Pont.	69	10MX	12	AC-154 54-55	5
214 63 Ply.	19	701 59 Simca	12	CT66A 66 Chev.	38	PT67A 67 Pont.	44	NH3C 55 Nash	4	NH3C 55 Nash	4
215 63 Dodge	19	703 61 Dodge	16	CT66M 66 Chev.	39	PT68A 68 Pont.	56	NH5C 55 (Model AC-154)	5	NH5C 55 (Model AC-154)	5
216 63 Dodge	22	706 63 Dodge	26	CT67A 67 Chev.	44	PT69A 69 Pont.	69	11MX	16		
217 63 Dodge	22	706 5TBDT (Sim. to Page 64)	26	CT68A 68 Chev.	56	PT70A 70 Pont.	77	12AT-1/2-3	21		
218 64 Ply.	22	706 7BDT 67 Dodge	24	CT69A 69 Chev.	69	PT70AD (Sim. to Pg. 43)	69	13MA/MAM 60 Amer. Motors (Pg. 13)	14		
219 64 Dodge	23	819 53 Ply.	4	CT70A 70 Chev.	77	R200	19	14AT	25		
220 64 Ply.	23	820 53 Dodge	4	CT71A 71 Chev.	106	RS2A6 50-52 Stude.	5	14MR 61 Amer. Motors (Pg. 13)	15		
221 64 Dodge	24	821 Desoto	4	CTA4 54 Chev.	6	SRS3A6 52 Stude.	5	24ME, 24MF, 24MY (See Ford 24ME)	17		
222 65 Ply.	28	824 53 Chry.	4	CTA5 55 Chev.	6	SR52M6 50-52 Stude.	5	76MA 57 Hudson & Nash (Pg. 9)	6		
223 65 Dodge	28	828 54 Dodge	4	CTA6T 55-56 Chev.	6	TF752S	159	93MR 59 Amer. Motors (Pg. 9)	10		
224 65 Ply.	28	829 Desoto	4	CTA6X 55-56 Chev.	7	TF756S	225	94MFH (Pg. 71)	10		
226 65 Dodge	28	830 54 Chry.	4	CTA7X 57 Chev.	7	TF800S	90	94MFM (Pg. 71)	10		
228 66 Ply.	37	831 (See 830)	4	CTA8X 58 Chev.	9	TF864AX (Pg. 75)	181	94MI 59 Intl. (Pg. 11)	11		
229 66 Dodge	37	832 55 Ply.	5	CTA9X 59 Chev.	10	TF87AAX	218	94MIH 59 Intl. (Pg. 91)	10		
230 66 Ply.	37	833 55 Dodge	5	CTA61 61 Chev.	15	TMSA	33	94MS 59 T-Bird (Pg. 55)	11		
230 67 Ply.	42	834 55 Desoto	5	CTA62 62 Chev.	18	TMSM	32	95MF (Pg. 77)	7		
231 66 Ply.	37	835 55 Chry.	5	CTA63 63 Chev.	22	TMSN	32	101 (MoPar 101)	13		
232 66 Dodge	35	840 55 Ply.	5	CTA64 64 Chev.	24	TMTA	38	102 (MoPar 102)	13		
233 66 Dodge	35	841 56 Ply.	6	CTA65 65 Chev.	24	TMTM	39	104 (MoPar 104)	13		
234 66 Ply.	37	842/HR 56 Dodge	6	CTM4 54 Chev.	6	TMTG	44	110 (MoPar 110)	13		
235S 66	35	842/HR 56 Dodge	6	CTM6 55-56 Chev.	6	TMTI	44	110 (MoPar 110)	13		
236 67 Ply.	42	843 56 Desoto	6	CTM7X 57 Chev.	7	TMTI5A	71	250X	20		
237 67 Dodge	43	844/HR 56 Chry.	6	CTM8X 58 Chev.	9	TMTI6A	41	290T	22		
240 67 Ply.	43	845 57 Dodge	8	CTM9X 59 Chev.	10	TMTI7A	42	294	25		
241 67 Dodge	42	846 57 Desoto	8	CTM57X 57 Chev.	9	TMTI8A	73	300X	11		
301 60 Ply.	14	847 57 Chry.	8	CTM61X/A 61 Chev.	16	TMTI9A	106	301X	11		
302 60 Dodge	13	848 57 Ply.	8	CTM62 61-62 Chev.	19	TMT10S	75	302 (MoPar 302)	13		
303 60 Chry.	13	849 57 Ply.	8	CTM63 63 Chev.	22	TMT20S (Sim. to Pg. 57)	95	310X	13		
304 60 Desoto	13	851 58 Chry.	8	CTM64 64 Chev.	25	TM213S	162	311X	13		
305 60 Dodge	13	852 58 Dodge	8	CV71A 71 Chev.	106	TM226S	215	320T	21		
306 61 Dodge	16	854 58 Ply.	8	CY65A 62-65 Chev.	32	TM296M	33	323T	22		
309 61 Ply.	16	855 59 Ply.	11	CY69M 62-65 Chev.	33	TM299M	40	324	25		
310 60 Ply.	14	856 59 Dodge	10	CY66A 66 Chev.	38	TM297M	48	395/-12	5		
311 61 Ply.	16	857 59 Desoto	10	CY67A 67 Chev.	44	TM299M	78	396/-12	6		
312 61 Desoto	16	858 59 Chry.	10	CY68A 68 Chev.	44	TM315M	33	397	7		
313 60 Dodge	14	860 59 Ply.	12	CY69A 69 Chev.	69	TM316M	40	398X	9		
314L 61 Dodge	16	861 59 Chry.	12	CV70A 70 Chev.	77	TM318M	216	403	4		
314V 61 Ply.	16	900 55 Dodge	5	CVA62 62 Chev.	20	TM325M (Pg. 108)	25	404	5		
317 61 Chry.	15	901 55 Desoto	5	CVA63 61-63 Chev.	22	TM326M	40	406	11		
322 62 Ply.	17	902 55 Chry.	5	CVA64 62-64 Chev.	25	TM329M	46	412	4		
323 62 Dodge	17	903 55 Chry.	5	CYM62 62 Chev.	19	TM332M	77	414	25		
324 62 Chry.	17	910/HR 56 Dodge	6	CYM63 62-63 Chev.	22	TM336M	46	424	25		
327 62 Ply.	17	911 65 Desoto	6	CYM64 62-64 Chev.	25	TM413S	160	500X	13		
330 63 Ply.	21	912/HR 56 Chry.	7	F85MP (200)	125	TM415M	32	506/-12	5		
331 63 Dodge	21	916/HR 56 Ply.	7	F865M	35	TM416M	41	520T	21		
332 63 Chry.	21	917HR 57 Ply.	8	F867M	45	TM525A	33	524	26		
333 63 Dodge	21	918 57 Dodge	7	F868M	59	TM526A	41	553	4		
334 64 Dodge	24	919/HR 57 Desoto	8	F870M	82	TM527A	46	555/-12	4		
335 64 Ply.	25	920HR 57 Chry.	8	F8710M	40	TM529A	75	556	6		
336 64 Dodge	25	921HR 57 Chry.	8	F8710M	55	TM570A	82	595/-12	6		
337 63 Dodge	22	922 58 Chry.	9	F8750M	85	TM703S	158	596/-12	6		
339 63 Dodge	22	923 58 Desoto	9	F8750M	85	TM703S	158	597X	7		
343 63 Chry.	19	924HR 57 Chry.	9	F8750M	85	TM706S	47	601X	13		
344 63 Dodge	22	925 58 Ply.	9	F8750M	85	TM709S	65	611T (MoPar 610T)	4		
345 63 Ply.	22	927 59 Desoto	11	F8750M	85	TM711S	68	612 (MoPar 609)	4		
347 62 Dodge	19	928 59 Chry.	10	F8750M	85	TM713S	72	624 (MoPar 624)	8		
348 64 Chry.	24	929 59 Chry.	10	F8750M	85	TM714S (Mech. Ch)	82	701 (MoPar 701)	12		
350 63 Dodge	19	2820635 68 Chry.	11	F8750M	85	MTD176J	82	825 (MoPar 825)	4		
351 64 Chry.	25			F8750M	85	TM718S (Ch. TD138J)	116	846 (MoPar 846)	8		
352 64 Chry.	25			F8750M	85	TM912S	162	849 (MoPar 849)	8		
353 64 Dodge	25			F8750M	85	U3MM	24	852 (MoPar 852)	8		
354 64 Dodge	24			F8750M	85	VN47 55-57 VM	7	853 (MoPar 853)	8		
360 65 Ply.	30			F8750M	85	VN48 58 VM	12	854 (MoPar 854)	9		
361 6FBPD 66 Ply.	30			F8750M	85	VN49 59 VM	13	856 (MoPar 856)	10		
362 65 Dodge	30			F8750M	85	VN46 63 VM	13	857 (MoPar 857)	10		
363 65 Dodge	28			F8750M	85	VN46 64 VM	13	860 (MoPar 860)	12		
364 5FBDD 65 Dodge	30			F8750M	85	VN46 65 VM	13	861 (MoPar 861)	12		
364 6FBDD 66 Dodge	30			F8750M	85	VN46 66 VM	13	875AX	224		
365 65 Chry.	28			F8750M	85	VN46 67 VM	13	923 (MoPar 923)	9		
365S 66 Chry.	35			F8750M	85	VN46 68 VM	13	927 (MoPar 927)	11		
366 5FBC 65 Chry.	30			F8750M	85	VN46 69 VM	13	891600	12		
366 6FBC 66 Chry.	30			F8750M	85	VN46 70 VM	13	890886 64 Opel	26		
367 5FBI 65 Chry.	30			F8750M	85	VN46 71 VM	13				
369 6FBP, 6FBVE 66 Ply.	48			F8750M	85	VN46 72 VM	13				
369 7FBP 67 Ply.	48			F8750M	85	VN46 73 VM	13				
370 67 Dodge	48			F8750M	85	VN46 74 VM	13				
372 (Pg. 86) 65 Ply.	30			F8750M	85	VN46 75 VM	13				
373 (Pg. 86) 65 Dodge	30			F8750M	85	VN46 76 VM	13				
374 67 Ply.	42			F8750M	85	VN46 77 VM	13				
375 67 Chry.	48			F8750M	85	VN46 78 VM	13				
376 7BC 67 Chry.	42			F8750M	85	VN46 79 VM	13				
376 (2820635 68 Chry.)	51			F8750M	85	VN46 80 VM	13				
377 67 Dodge	42			F8750M	85	VN46 81 VM	13				
378 67 Dodge	48			F8750M	85	VN46 82 VM	13				
379 66 Dodge	36			F8750M	85	VN46 83 VM	13				
381 67 Dodge	43			F8750M	85	VN46 84 VM	13				
385 67 Dodge, Ply.	48			F8750M	85	VN46 85 VM	13				
402 60 Chry.	13			F8750M	85	VN46 86 VM	13				
403 60 Dodge	13			F8750M	85	VN46 87 VM	13				
404 61 Chry.	15			F8750M	85	VN46 88 VM	13				
407 61 Chry.	15			F8750M	85	VN46 89 VM	13				
409 62 Chry.	18			F8750M	85	VN46 90 VM	13				
410 62 Chry.	18			F8750M	85	VN46 91 VM	13				
411 63 Chry.	20			F8750M	85	VN46 92 VM	13				
413 63 Chry.	20			F8750M	85	VN46 93 VM	13				
414 64 Chry.	24			F8750M	85	VN46 94 VM	13				
415 64 Chry.	24			F8750M	85	VN46 95 VM	13				
416 65 Chry.	31			F8750M	85	VN46 96 VM	13				
416B 66 Chry.	39			F8750M	85	VN46 97 VM	13				
417 65 Chry.	31			F8750M	85	VN46 98 VM	13				
417B 66 Chry.	39			F8750M	85	VN46 99 VM	13				
418 67 Chry.	47			F8750M	85	VN46 100 VM	13				
419 67 Chry.	43			F8750M	85	VN46 101 VM	13				
420 66 Chry.	40			F8750M	85	VN46 102 VM	13				
421 67 Chry.	43			F8750M	85	VN46 103 VM	13				

JCPenney (CONT.)	VOL.	KRACO	VOL.	LINCOLN (CONT.)	VOL.	MEDALLION (CONT.)	VOL.	MERCURY (CONT.)	VOL.	MGA (CONT.)	VOL.
3129	30	KID-550	161	D4VA-19A168-AA 74	183	65-482	103	OFBN 70	81	AR-615SSGBL 72	
3138	29	KID-560A	204	D4VA-19A241AA 74	174	65-484	103	R2TBM 62	20	Dodge	117
3143	29	KID-570A	205	D4VA-18806BA 74	171	65-486	123	T6SMN 66	35	ARA-10L	117
3144	30	KID-544	166	D5SA-19A168 75	186	65-490	207	T7SMH/A 67	45	ARA-10W	117
3146	30	KQ-600	173	D5SA-19A241 75	188	65-501A	121	T7SMH/F 67	45		
3151	29	KR-1100	159	DSVA-19A168 75	188	65-501B	150	T7SMH/G 67	45	MIDLAND	
3160 64 Chev.	29	KR-1110	163	DSVA-19A241 75	188	65-502	123	T7SMH 67	45	65-200	40
3161 63-64 Chev.	29	KR-1120	160	D6SA-19A188-AD 76	228	65-505	119	T7SMH 67	45	65-210 12 Transistor	40
3162 63-64 Chev.	29	KR-1130	162	D6VA-19A188-AD 76	228	65-506	123	T8M 68	54	65-210	34
3163 64 Merc.	30	KR-1220	203	DM8L 68	56	65-509	157	T8M2M 68	54	65-230	70
3168 64 Ford	30	KR-1230	209	D20A-18806 72	122	65-516	200	T9M 69	88	65-400	57
3169 64 Ford	30	KS-340	197	D20A-18806 73	138	65-528	149	TF864AX 74	181	65-404	59
3170 64 Ford	30	KS-400B	167	F3TBC 63	21	65-531	163	OBM 70	77	65-408	57
3171 64 Olds.	29	KS-400C	210	F4TBC 64	25	65-532	178	048M-1 60	13	65-408	63
3172 64 Ford	30	KS-425 (Adam II)	141	F6TDC 66	40	65-534	198	048M-2 60	13		
3173 64 Merc.	30	KS-430	158	F8TBC 68	71	65-540	161	1CP1047 71	102	MOBILPAGE	
3174 64 Olds.	29	KS-440	200	F8UBX 68	61	65-550	158	1CP1323 73	153	65MTR/MN	48
3176 63-64 Pont.	29	KS-450	168	F14TBC 64	25	65-560	165	1CP2033 71	109	MONITORADIO	
3179 64 Pont.	29	KS-480	207	TOB5TBC 65	33	65-562	198	1CP2235 72	135	M-40	12
3180 64 Chev.	29	KS-555	169	T6SMC 66	36	65-565	205	1CP2417 74	182	M-160	12
3181 60-64 Chev.	29	KS-666B	165	T7SMC/C 67	45	65-566	208	1CR4005 70	86	MC-40	12
3182 63-64 Chev.	29	KS-690	199	T8ML 68	52	65-576	199	1FR1AMM 74	178	MC-160	12
		KS-750	143	T8MX 68	54	65-589	202	1FR8M 68	180		
		(Marquis M-750)	143	T9ML 69	64			1FBA 71	98		
		KS-800	173	T9MX 69	66	MERCURY		1FBG 71	98		
		KS-890	171	TF864AX 74	181	(Also See Ford)		1FBGG 71	97		
				OBLSS 70	82	C80A-19A049E 71	106	1FBGX 71	97	MONTGOMERY WARD	
				OFBL 70	75	C9AA-19A127C 70	80	1FBM 71	98	(See Riverdale)	
				OFBX 70	94	C9MA-19A241 69	78	1FBN 71	98	MoPar	
				OSBH 60	12	C9MA-19A242C 69	88	1FBW 71	97	C-5909 59 Chry.	11
				1FBL 71	97	DOGA-19A241 70	81	1FBWX 71	97	P-5901 59 Ply.	11
				1FD4302 73	155	DOMA-19A242 70	85	1FD2507 75	200	R3BC 63 Chry.	19
				1FD4602 76	228	DOMA-18806 70	77	1PD4217 72	135	R3BD 63 Dodge	19
				1LN4213 72	135	DOMY-18805B 70	85	1FD4302 73	155	R12BDT 61 Dodge	16
				1LM4306 73	155	DORJ-19A241A 71	109	1FD4505 75	199	R23BQ 63 Dodge	19
				1LM4606 76	228	DORJ-19A241A 71	102	1FD4511 75	199	R95C-5 59 Chry.	10
				1MT4002 70	92	DOMA-19A241 70	81	1FD4607 75	223	RVAC	24
				1TB4211 72	135	DOYA-19A242 70	88	1FD4607 75	223	RVACL	24
				2BL/LAF 72	126	DOYA-19A241 70	82	1FD5001 70	80	RV5C 65	30
				2FBL 72	127	DIAA-18806 71	94	1FD5013 71	106	RV5C 65	30
				2FBO 72	127	DIGA-19241 71	98	1FD5107 71	106	OB3C 60 Chry.	13
				2LM4110 71	102	DIMA-19A241 71	98	1MY4006 70	105	OB3C 60 Chry.	13
				2MT4108 71	104	DIMA-19A242-AD 71	105	1MY4106 70	105	OB3B 60 Chry.	13
				3SH756 53	4	DI0A-18806 71	94	1M24218 72	135	048C 60 Chry.	13
				4SH764 54	4	DIMA-19A241 71	98	2CR7 71	105	048I 60 Chry.	13
				4SH766 54	4	DIMA-19A242-AD 71	105	2CR4107 71	105	3BLE 63 Dodge	19
				4TMC F 64	23	DIYA-19A241 71	98	2FBF/BFAK 72	127	3BVD 63 Ply.	24
				5BH 55	5	DIYA-19A242-AD 71	105	2FBZ 72	127	4TBC 64 Chry.	24
				5TMC F 65	28	DZAA-18806 71	94	2FBZ 72	127	4TBLH 64 Dodge	24
				6BC 56	6	DZAA-19A241-125 72	127	2FD4607 75	223	4TBL 64 Dodge	24
				6BD 56	6	DZAA-19A242-AE 72	130	2FD4608	223	4TRQ 64 Dodge	24
				6TDC 66	37	(See Pg. 57)	135	2M4111 71	105	4TRVE 64 Ply.	24
				8TBC 68	60	DZAA-18806 72	125	2M4106 70	105	5BP 65 Ply.	28
				8TPX 68	59	DZAA-18806 72	125	2MYR 71	105	5BP 65 Dodge	30
				9BL 69	60	DZAA-19A241 72	127	2TBM 62	20	5BVE 65 Ply.	28
				9FBL 69	71	DZAA-18806 73	138	2TMY 62	18	5FBC 65 Chry.	30
				9FBLJ 69	71	DZAA-18806 72	127	3SMY757 53 (See Lincoln 45H764)	4	5FBD 65 Dodge	30
				9FBX 69	80	DZAA-18806 71	122	3TBM 63	21	5FBL 65 Dodge (Pg. 86)	30
				9MABL 68-69	71	DZAA-19A241-BA 72	135	3TME 63	23	5FBP 65 Ply.	30
				78BL 57	9	DZAA-19A241-AF 72	127	3TMY 63	23	5FBPD 65 Ply.	28
				85BH 58	9	DZAA-19A242-AF 72	127	45M767 54 (See Lincoln 45H764)	4	5FBVE 65 Ply. (Pg. 86)	30
				85BHP & Up Serial		DZAA-19A241 73	137	4TME 64	23	5TBDT 65 Dodge (Sim. to Pg. 64)	26
				#5000 58	9	DSAA-19A168-AD 73	155	4TMB 64	23	6BL 66 Dodge	37
				88BH 58	8	DSAA-19A241 73	137	4TMC 64	23	6BP 66 Ply.	37
				95BH 59	9	DSAA-18806 73	136	5BM 55 (See Lincoln 58H)	5	6BPD 66 Ply.	37
						DSAA-19A241 73	137	5BXX 66 Chry.	36	6BVE 66 Ply.	37
						DSAA-18806 73	136	5FR1AMM 74	178	6BVC 66 Ply.	37
						DSAA-18806 72	135	5FR2FM 74	178	6FBC 66 Chry.	36
						DSAA-19A168-BA 74	181	5FR3M 74	180	6FBD 66 Dodge	36
						DSAA-19A241AA 74	174	5FR4M 74	180	6FL 66 Dodge	36
						DSAA-19A241AA 74	174	5FR5M 74	180	6FBP 66 Ply.	36
						DSAA-19A241AA 74	174	5FR6M 74	180	6FBPD 66 Ply.	36
						DSAA-19A241AA 74	174	5FR7M 74	180	6BVE 66 Ply.	36
						DSAA-19A241AA 74	174	5FR8M 74	180	7BC 67 Chry.	42
						DSAA-19A241AA 74	174	5FR9M 74	180	7BD 67 Dodge	42
						DSAA-19A241AA 74	174	5FR10M 74	180	7BDD 67 Dodge	42
						DSAA-19A241AA 74	174	5FR11M 74	180	7BDT 67 Dodge	42
						DSAA-19A241AA 74	174	5FR12M 74	180	7BP 67 Ply.	42
						DSAA-19A241AA 74	174	5FR13M 74	180	7BVE 67 Ply.	42
						DSAA-19A241AA 74	174	5FR14M 74	180	7FBD 67 Dodge	42
						DSAA-19A241AA 74	174	5FR15M 74	180	7FBD 67 Dodge	42
						DSAA-19A241AA 74	174	5FR16M 74	180	7FBP 67 Ply.	42
						DSAA-19A241AA 74	174	5FR17M 74	180	7FBPD 67 Ply.	42
						DSAA-19A241AA 74	174	5FR18M 74	180	7FBVA 67 Dodge, Ply.	48
						DSAA-19A241AA 74	174	5FR19M 74	180	12B 61 Dodge	15
						DSAA-19A241AA 74	174	5FR20M 74	180	13BC 61 Dodge	15
						DSAA-19A241AA 74	174	5FR21M 74	180	13BD 61 Dodge	15
						DSAA-19A241AA 74	174	5FR22M 74	180	13BS 61 Desoto	15
						DSAA-19A241AA 74	174	5FR23M 74	180	14BC 61 Chry.	15
						DSAA-19A241AA 74	174	5FR24M 74	180	14BI 61 Chry.	15
						DSAA-19A241AA 74	174	5FR25M 74	180	24BC 62 Chry.	18
						DSAA-19A241AA 74	174	5FR26M 74	180	24BI 62 Chry.	18
						DSAA-19A241AA 74	174	5FR27M 74	180	34BCS 63 Chry.	20
						DSAA-19A241AA 74	174	5FR28M 74	180	34BI 63 Chry.	20
						DSAA-19A241AA 74	174	5FR29M 74	180	44BCS 64 Chry.	24
						DSAA-19A241AA 74	174	5FR30M 74	180	44BI 64 Chry.	24
						DSAA-19A241AA 74	174	5FR31M 74	180	84BC 58 Chry.	8
						DSAA-19A241AA 74	174	5FR32M 74	180	85BC 58 Chry.	9
						DSAA-19A241AA 74	174	5FR33M 74	180	94BC 59 Chry.	10
						DSAA-19A241AA 74	174	5FR34M 74	180	101 60 Ply.	13
						DSAA-19A241AA 74	174	5FR35M 74	180	102 60 Dodge	13
						DSAA-19A241AA 74	174	5FR36M 74	180	104 60 Ply.	13
						DSAA-19A241AA 74	174	5FR37M 74	180	106 60 Dodge	14
						DSAA-19A241AA 74	174	5FR38M 74	180	107 61 Dodge	14

SAAB	VOL.	SOUNDEX (CONT.)	VOL.	STUDEBAKER (CONT.)	VOL.	TENNA (CONT.)	VOL.	TENNA (CONT.)	VOL.	TOYOTA (CONT.)	VOL.
OBSA 70		CTP-266T 66 Comet	39	AT-2745 56	6	CL-65PB 65 Chevelle	35	RU-116TC 5-012	39	08600-60010	
OBSAA 70 96		CTP-166T 66	40	AT-2746 56	6	CL-66PB 66 Chevelle	37	SA-65M 65 Simca	39	Landcruiser	41
OBSAB 97 97		Chevrolet Truck	40	AT-2747 56	6	CL-67PB 66/67	46	SA-65PB 65 Simca	39	08690-00010	
OBSA 70		CYP-46T 65 Chrysler	32	AC-2748 56	6	Chevelle	46	SP-63PB 63 Buick Spl.	26	(CSL1102/TM2)	57
OBSAA 70 96		CYP-466T 65 Chrysler	39	AC-2905 56	9	CM-63PB 63 Comet	23	SP-66PB 66 Buick Spl.	37	81120-22080	
OBSAB 70 97		CYP-56T 65 Chrysler	39	AC-2906 58	8	CM-64PB 64 Comet	26	SP-67PB 66/67 Buick	37	CR-582FUT/FCT)	
OBSA99 70 99		DAP-864T 64 Dart	26	AC-2907 58	8	CM-65PB 65 Comet	31	Special	46	Corona Mark II	150
1BSA 71		DAP-865T 65 Dart	32	AC-2977 60	12	CM-66PB 66 Comet	31	TC-FMC-8	69	86011-22110	214
1BSA99 71 99	113	DAP-866T 66 Dart	39	AC-2978 60	13	CM-67PB 67 Comet	36	TC-MPX-1	63	86011-23020	214
4BH 64	30	DOP-864T 64 Dodge	26	AC-3084 61	15	CO-63M/PB 60/63	46	TC-MXC-8-0	69	86021-22050	214
4BH 65 Saab	34	DOP-865T 65 Dodge	32	AC-3085 61	15	CO-66PB 66 Comet	36	TC-48-T	50	86021-22031	214
6BSA 66	38	DOPP-465T 65 Polara	39	AC-3086 61	15	CO-67PB 67 Comet	20Z	TC-48-T-FM	63	86120-20090	214
7BSAX	60	DOPP-466T 65 Polara	39	AC-3087 61	15	Corvair	26	TC-67T	180	(CR-127FT) Carina	114
7BSAX	52	DPO-866T 66 Dodge	39	AC-3216 62	17	CO-64PB 60/64 Corvair	23	TC-68T	182	86120-20110	214
8BSA 68	70	DAP-264T 64 Falcon	26	AC-3217 62	18	CO-65PB 65 Corvair	34	TC-70-T	107	(CR-528FT) Corona	117
9BSA 69, 9BSAA 69 95-96,		FAP-266T 66 Falcon	39	AC-3246 62	17	CO-66PB 66 Corvair	37	TC-73T	175	86120-22010	214
9BSA99 69 99 (Similar	70	FLP-264T 64 Fairlane	26	AC-3247 62	17	CR-63PB 63 Chrysler	46	TC-80-T	116	86120-22010	214
to page 115)		FOP-264T 64 Ford	26	AC-3255 62	17	CR-64PB 63/64	46	TC-81-T	107	(RT-60DFT)	
9FBSA 69 95-96		FOP-265T 65 Ford	32	AC-3256 62	18	Chrysler	23	TC-82-T	111	Corona Mark II	122
9FBSAB 69 97(Sonett II)		FOP-266T 66 Ford	39	AC-3351 63	21	CR-65PB 65 Chrysler	34	TC-92M	184	86120-22040 (RT-60LFT)	
9FBSA99 69 99	110	MEP-264T 63/64 Merc.	26	AC-3352 63	21	CR-66PB 66 Chrysler	36	TC-100M	23	Corona Mark II	115
500127 (8BSA) 68		MEP-265T 65 Merc	32	AC-3353 63	21	CR-67PB 67 Chrysler	46	TC-110M	178	86120-22050	
(Similar to page 115)	70	MEP-266T 66 Merc	39	AC-3354 63	21	DA-63PB 63 Dart	26	TC-104C	32	(CR-201FUT/FCT)	146
		MUP-266T 66 Mustang	39	AC-3377 63	21	DA-64PB 64 Dart	34	TC-110M	32	86120-22110	214
		PLP-464T 64 Plym.	26	AC-3423 SR2T	22	DA-65PB 65 Dart	23	TC-112CM	184	86260-14010	
		PLP-465T 65 Plym.	32	AC-3473 64Studebaker	24	DA-66PB 66 Dart	34	TC-200PB	32	(CX-165FTB) Carina	114
		PLP-466T 66 Plym.	39	AC-3474 64 Hawk	24	DA-67PB 67 Dart	46	TC-210PB	23	86260-20011	
		PLPF-466T 66 Fury	39	AC-3498 64Studebaker	24	DAJ-67PB 67 Dart 270	46	TC-300M 64 VW	36	(CX-161FPT) Corona	114
		POP-666T 66 Pontiac	40	AC-3499 64 Hawk	24	DD-65PB 65 Dodge	34	TC-300M 5-041 65 Prod.	36	86260-22010	
		RAAP-1065T 65		AC-3500 64 Avanti	24	DD-66PB 66 Polara	34	TC-300M 5-072 36	36	Corona Mark II	146
		Rambler American	32	AC-3506 64 Avanti	24	Monaco	36	TC-310M/MD	35	86260-22020	214
		STP-364T	27	AC-3556 66Studebaker	36	DD-67PB 67 Monaco	46	TC-400PB 64 VN	23	86260-22021	214
		RAP-365T 65 Rambler	32			Polara	46	TC-400PB 5-045 65	36		
		RAP-366T	39	SUNBEAM		DE-66PB 66 Dodge	36	TC-410PB Similar to		TRIUMPH	
		SM-130RPE	27	R-80001 (8BSU) 68		DO-63PB 63 Dodge	26	page 144	23	R2BT4 0-01000 62	19
		STH-059 59 Lark	16	(Similar to page 115)	65	DO-64PB 64 Dodge	23	TC-410PB 5-045	36	2FBPT (2FBP)	
		STP-059 59 Lark	16	7BSU 67 Sunbeam	46	DO-65PB 65 Dodge	36	TE-63PB 63 Tempest	26	7Z Triumph	129
		UN-120RPT	39	7BSUX 67 Sunbeam	58	DO-66PB 66 Dodge	36	TE-64PB 64 Tempest	23	4BTBR V-350	26
		UP-220RPT	27	8BSU e8	58	DO-67PB 67 Dodge	46	TE-65PB 65 Tempest	31	SBTR V-350 65 Triumph	33
		VAP-464T 64 Valiant	26	8BSU e9, 9BSUB 69	65	DT-67M 67 Sportman	46	TE-66PB 66 Pontiac	37	SBTRP V-3500P 65	
		VAP-465T 65 Valiant	32	Alpine, Arrow (Similar	65	DT-67M 67 DodgeTruck	46	Tempest	23	Triumph	33
		VAP-466T 66 Valiant	39	to page 115)	65	DT-65M 65 DodgeTruck	34	TR-4M	26	SSMTR V-350 65	34
		VNP-19T 65 Prod.	33	TEMPEST (See Pontiac)		EC-65M 65 Econoline	35	VA-63PB 63 Valiant	26	Triumph	39
		VNP-19T 66 Prod.	41	TEN		EC-66M 66 Econoline	36	VA-64PB 64 Valiant	23	6BTR 66 Tri-4, Herald	6
		Triumph	26	AT-96-1 AR-96EX	49	EC-67M 67 Econoline	36	VA-65PB 65 Valiant	34	200 and Spitfire 4	51
		SPECIAL(See Buick)		AT-96-2 AR-96EX-S	49	Truck	46	VA-66PB 66 Valiant	36	7BTR Similar to page	
		SPORT		AT-96-3 AR-96VN	49	Truck	46	VW-64PB 64 VW	35	125	39
		(See Bonan Astronox)		AT-96-4 AR-96VW	49	FA-64M/PB 60/63	26	VW-65PB/PB15 65 VW	35	7BTRX 67 Triumph	49
		4995	163	AT-2010, AT-2110	52	FA-64M/PB 64 Falcon	23	VW-66PB 58-66 VW	36	75MTR 67 TR-4, Herald	5
		500S	211	FA-20S/EX, FT-250-2,		FA-65PB 65 Falcon	35	VW-67PB 67 VW	44	1200 and Spitfire 4	51
		501S	164	FA-20S/EX, FT-250-2,		FA-66PB 66 Falcon	36	170-64PB See page 136		8BTR 68 GT-6,	
		502S	199	618/12 Volt	49	FA-67PB 67 Falcon	46	64 Dart	23	Spitfire 4, TR-250	64
		503S	164	618/12 Volt	49	FL-63M/PB 62/63	26	880-63PB 62/63 Dodge	26	9BTR 69, 9BTRA 69 GT-6,	
		504S	160	TENATRONICS		FL-64PB 64 Fairlane	23	880	26	TR-6, Spitfire 9BTR	
		505	203	SA-712	40	FL-65PB 65 Fairlane	35	880-64PB 63/64 Dodge	23	69 MBG, MG Midget,	
		790S	164	SA-812	36	FL-66PB 66 Fairlane	36	TITAN		Austin American (Simi-	
		791S	160	SM-711	22	FL-67PB 67 Fairlane	46	ETB-1600	40	lar to page 107)	64
		STERLING		SM-711 Revised	22	FO-63M/PB 63 Ford	26	FMG-4	27	9BTR 69	113
		FM-200	60	SM-751	22	FO-64M See page 136		RV-66	40	TRUETONE	
		SM-704	50	SM-821	22	63/64 Ford	23	RV-66A	41	D4118, B.	4
		SM-751	42	TRM-701	36	FO-64PB 64 Ford	23	RV-67A	41	D4320	4
		UA-702	41	UA-702	22	FO-65PB 65 Ford	35	RV-68A	41	D4320B	4
		UDR-800	46	UA-702 L.P.	22	FO-66PB/RS 65 Ford	35	SP-22	28	D4425B	5
		UM-102	46	UM-701	22	FO-66PB/RS 66 Ford	36	TMA-39	28	D4626A	7
		VNMF51	48	UM-701 L.P.	22	FO-67PB 67 Ford	46	TMA-40	28	D4623A	7
		12-1319	61	VMA-702	22	FT-65M 65 Ford	36	TMA-1500	40	D4624A	7
		STROMBERG CARLSON		VMM-701	22	FT-66M 66 Ford	36	TPB-60	28	D4625A	7
		C.A.R. 7	11	VMM-751	40	FT-67M 67 Ford Truck	32	TOKAI		D4726A	7
		C.A.R. 9 59 Ford 6		TENNA		IM-65M	32	CR-105	33	D4826A	7
		Edsel	11	AF-66PB	59	IM-65PB	32	MR-65	34	DC4050C	72
		CH-60-M 60 Chev.	14	AM-53M/PB 60-63		ME-63PB 63 Mercury	26	TOYOTA		DC4050C	136
		CH-60-PB 60 Chev.	14	American	26	ME-64PB 63/64 Merc.	23	CR-251BT		DC4055	167
		CH-61-M 61 Chev.	17	AM-64PB 63/64		ME-65PB 65 Mercury	35	(86011-29055) Corona	184	DC4055	159
		CH-61-PB 61 Chev.	17	American	23	ME-66PB 66 Mercury	36	CR-251FUT		DC4054B	106
		DA-60-PB 60 Dart	14	AM-67PB 67 Rambler	36	MR-63PB 62/63 Meteor	26	(00862-20240) Corona	184	DC4055	76
		DE-60-PB 60 DeSoto	14	American	44	MU-66PB 67 Mustang	36	CR-251T		DC4060	93
		DO-60-PB 60 Dodge	14	BU-3FB 63 Buick	26	OF-63PB 61/63 F-85	23	(86120-20130) Corona	184	DC4060	167
		DO-61-PB 61 Dodge 6		BU-64PB 63/64 Buick	23	OF-64PB 64 F-85	26	CR-652BLT		DC4203B	31
		Dodge Dart	17	BU-66PB 66 Buick	37	OF-65PB 65 Olds	35	(86120-20130) Corona	184	DC4203C	35
		FA-60-PB 60 Falcon	14	BU-67PB 66/67 Buick	46	OL-63PB 63 Olds	26	CR-652BLT		DC4203C	35
		FA-60-PB 60 Falcon	14	CII-63M/PB 62/63		OL-64PB 63/64 Olds	23	(86011-20200) Corona	180	DC4205B	18
		FO-60-M 60 Ford	14	Chevy II	26	OL-65PB 65 Olds	34	CR-652FUT		DC4205B	18
		FO-60-PB 60 Ford	14	CII-64M/PB 62/64		OL-66PB 66 Olds	37	(00852-20250) Corona	180	DC4206B	23
		FO-61-M 61 Ford 6		Ch-vy II	23	OL-67PB 67 Olds	46	CR-652FUT		DC4606	39
		Mercury	17	CII-65M 65 Chevy II	35	OP-67PB 67 Opel	46	(86120-20150) Corona	180	DC5554	183
		FO-61-PB 61 Ford 6		CII-66PB 66 Chevy II	37	PD-65PB 65 Fury	34	CR-652T		DC5560	184
		Mercury	17	CII-67PB 66/67		PD-66PB 66 Fury	36	(86120-20150) Corona	180	DC5564	185
		IM-60-M	15	Chevy II	26	PD-67PB 67 Fury	46	CR-753.FA(86120-20190)		DF4870	62
		IM-60-MX	17	Chevy II	26	PL-63PB 62/63 Plym	26	CR-754FUTA		ID140C7908A-86	99
		IM-61-PB	17	CG-67PB 67 Cougar	46	PL-64PB 64 Plymouth	23	(00852-20280)	208	ID17002A-27	132
		LA-61-PB 61 Lark	17	CH-63M/PB 63 Chev.	26	PL-65PB 65 Plymouth	34	CR-755.T	214	(4DC7002)	134
		LR-61-PB 61 Lancer	18	CH-64M See page 136		PL-66PB 66 Plymouth	36	CX-175FUT/T	214	ID17005A-27	132
		OR-61-PB 61 F-85	15	63/64 Chevrolet	23	PL-67PB 66/67 Plym.	46	CX-176FUT/T	214	ID17005A-27	132
		OL-61-PB 61 Olds	17	CH-64M See page 136		PO-63PB 63 Pontiac	26	CX-361FUT(86021-20030)	208	(4DC7105)	134
		PL-60-M 60 Plym.	14	CH-64PB/							

PONTIAC (CONT.)	VOL.	PONTIAC (CONT.)	VOL.	PONTIAC (CONT.)	VOL.	PORSCHE (CONT.)	VOL.	RANGER (CONT.)	VOL.	RIVERSIDE (Also See Airline) (CONT.)	VOL.
22GPB1 (7307332)		51APB1 (7933641)		92GFMI, 92GFM2		1VW2323 (Sapphire XIX)		TC-400PB 64 VW	23	FJB-6613/A 60-61	18
22GPB1 (7312912)		51APB1 (7935021)		69 Grand Prix	66	73 911, 914	154	TC-400PB 65 Prod.	23	Falcon or Comet	18
72 Grand Prix	114	75 Astro	187	92GFM3 Grand Prix 69	79	1VW2335 (Sapphire XXV)		Similar to page 144	23	FJB-6615A	27
22GPB2 (7307332)		51BPM1, 51BPM2		92GFPI (7307432) 69	69	73 914	181	TP-803	23	FJB-6618A 61 Rambler	17
22GPBK2 (7312912)		51B1 (7314211) 75 Astro	191	Grand Prix	69	1VW2427 74 911T, 914	199	TRM-60M	23	FJB-6619/A	21
72 Grand Prix	126	51BPF1 (7936011),		92GFP2 69 Grand Prix	69	1VW3401 74 914	193	TRT	23	FJB-6643A 60-62 Comet,	19
22K7411 (7936232) 72		51BPF1 (7935301)		(Similar to page 93)	64	1VW4112 (Sapphire XVII)		VM-64PB 64 VW	23	Falcon	19
Ventura II	112	75 Astro	186	92GFP6 69 1/2		71 911, 911T, 914	124	51T (10007-253)	208	FJB-6649A Tractor	20
32AFM1 (7935042)		51KFM1 (7935261)		Grand Prix		1VW4309 (Sapphire XXI)		53T (Ch.10007-255)	213	FJB-6658	21
73 Grand Prix, Tempest, 144		75 Ventura II	191	(Similar to page 63)	69	1VW4412, 1VW4412	179	77T (Ch.10007-219)	212	FJB-6679A	10
32AFM2 73 GP, Tempest, 154		51KFM2 (7933281) 75 Ventura		92GPB1 (7307332)	72	74 911, 914	201	86T	216	FJB-6681A 58 Plym.	10
32AFM3 73 GP, Tempest, 154		II	193	69 Grand Prix	72	1VW4419 (Sapphire XXI)		93MPX	217	FJB-6682A, B	10
32AFM1 (7935102)		51KFP1 (7935251)		92GPB6 69 1/2		74 914	191	RCA		FJB-6684 59 Ford	11
73 Grand Prix, Tempest, 152		51KFP1 (7935311)		(Similar to page 89)	72	2VM1327 (Sapphire XVIIII)		12R100 (12R0100)	167	FJB-6686 59 Plym.	12
73 Grand Prix, Tempest, 148		75 Ventura II	189	983578 62	17	73 914	155	12R150	212	FJB-6687 59 Ford	11
32AFP1 (7935022)		51KPB1 (7933241)		983579 62	18	5VM1327 73 914	155	12R150	212	FJB-6688 59 Chev.	11
32AFP2 (9340432)		75 Ventura II	186	983687 62	20	5VM1419 (Sapphire		12R200	161	FJB-6689 59 Plym.	12
73 Grand Prix, Tempest, 148		51KPB2 (7933271) 75		983873 63	20	XV111) 74 914	192	12R300	143	FJB-6690A 59 Buick	13
32AFP3 (9340432)		51KPB1 (7935301)		983873A Similar to		5VM2335 (Sapphire XXV)		12R301	143	FJB-6691B Renault	
73 Grand Prix, Tempest, 137		75 Ventura II	186	page 105 63 Pontiac	24	73 914	181	12R301	143	Dauphine	12
32AFP4 (9340432)		51KPB2, 51KPB2		983874 63 Tempest	19	5VM2427 74 911T, 914	199	12R400	197	FJB-6693B Renault	
72 Grand Prix, Tempest, 149		51KPB1 (7933271) 75		983875 63	21	5VM3401 74 914	193	12R500	144	FJB-6698 59 Chev.	11
32APB1 (7935002)		Ventura II	193	983945 63	21	5VM4309 73 914	179	12R600	147	FJB-6699 59 Plym.	12
73 Grand Prix, Tempest, 140		52AFM1 (9340452)		984065 64 Tempest	24	5VM4419 (Sapphire XXI)		12R606	207	FJB-6699A 59 Buick	13
32APB2 (7935002)		75 Grand Prix, LeMans	190	984076 64	23	74 914	191	12R606	207	FJB-6699B Renault	
32APB1 (7935012)		52AFM2, 52AFM2		984077 64 Pontiac	24			12R703	212	Dauphine	12
73 Grand Prix, Tempest, 140		(7935102) 75 Grand		984078 64 Pontiac	24			12R800 (PA424A-01)	149	FJB-6699B Renault	
32APB2 (7935012)		Prix, LeMans	187	986823 67 1/2	46			REALISTIC		FJB-6699B Renault	
73 Pontiac	138	52AFM3 (75)	215	Firebird	47			SM-711 12-1320E	41	FJB-6699B Renault	
32APB1 (7935092)		52AFM1 (9340432)		Firebird	47			UM-701 12-1321E	41	FJB-6699B Renault	
73 Grand Prix, Tempest, 145		52AFM1 (9340442)		984817 53-54	4			12-1319 (Similar to	41	FJB-6699B Renault	
32BPM1 (7939142)		75 Grand Prix, LeMans	189	984961 55	4			page 113)	60	FJB-6699B Renault	
73 Grand Prix, Tempest, 144		52APB1 (7935002)		985668 56 See 94961	5			12-1341	207	FJB-6699B Renault	
32BPM2 (7939162)		52APB1 (9347172)		985669 56	6			12-1372	208	FJB-6699B Renault	
73 Pontiac	152	75 LeMans	193	985671 57	7			12-1802	223	FJB-6699B Renault	
32BPM1 (7939162)		52APB1, 52APB2		985672 57	7			12-1819	164	FJB-6699B Renault	
73 Pontiac	148	(7935092) 75 Grand		985673 57	7			12-1822	158	FJB-6699B Renault	
32BPM1 (7939122)		Prix, LeMans	192	985674 57	7			12-1825	154	FJB-6699B Renault	
32BPM1 (7939132)		52APB3, 75	213	985675 57	7			12-1827	95	FJB-6699B Renault	
73 Pontiac	137	52BPM1 (9343502)		985676 58	10			12-1828	99	FJB-6699B Renault	
32BPM1 (7939102)		75 Grand Prix, LeMans	190	985677 59	11			12-1831	201	FJB-6699B Renault	
73 Pontiac	140	52BPM2, 52BPM2		985678 59	11			12-1832	142	FJB-6699B Renault	
32BPM2 (7939102)		(7939162) 75 Grand		985679 59	11			12-1833	156	FJB-6699B Renault	
32BPM2 (7939102)		Prix, LeMans	187	985680 59	11			12-1834	156	FJB-6699B Renault	
32BPM1 (7939112)		52BPM3 (75)	215	985681 60	12			12-1835	156	FJB-6699B Renault	
73 Pontiac	140	52BPM1 (9343482)		985682 60	12			12-1835	156	FJB-6699B Renault	
32BPM2 (7939112)		52BPM2 (9343492)		985683 61	15			12-2026	155	FJB-6699B Renault	
73 Pontiac	138	75 Pontiac	189	985684 61	15			90LK697	16	FJB-6699B Renault	
32BPM1 (7939152)		52BPM1 (7939102)		985685 61	15			REGAL		FJB-6699B Renault	
73 Pontiac	145	52BPM1 (7939112)		985686 61	15			CR-871	4	FJB-6699B Renault	
32FPM1 (Pg. 81)	113	75 LeMans	193	985687 61	15			RENAULT		FJB-6699B Renault	
32FPM1 (Pg. 89)	120	52BPM2 (7939112)		985688 61	15			F8SMXD (5568-00)	131	FJB-6699B Renault	
32FPM1 (Pg. 89)	120	75 LeMans	193	985689 61	15			1RE1926 (55569-00)	71 118	FJB-6699B Renault	
32FPM1 (Pg. 107)	126	52BPM1 (9343482)		985690 61	15			1RE1927 (55569-01)	71 118	FJB-6699B Renault	
32FPM1 (Pg. 107)	120	52BPM2 (9343492)		985691 61	15			1RE1928 (55569-02)	71 118	FJB-6699B Renault	
32GPB1 (9342522)		75 Pontiac	189	985692 61	15			1RE2917 (55569-03)	131	FJB-6699B Renault	
73 Pontiac	140	52BPM1 (7939102)		985693 61	15			1RE2918 (55569-05)	131	FJB-6699B Renault	
32GPB2 (9342522)		52BPM2 (7939112)		985694 61	15			2TMDX 55555	27	FJB-6699B Renault	
32GPB1 (9342522)		75 Pontiac	189	985695 61	15			3TMDX 55566 66	21	FJB-6699B Renault	
73 Pontiac	140	52BPM1 (7939102)		985696 61	15			6SMXD 66 Caravelle,	50	FJB-6699B Renault	
32GPB2 (9342522)		52BPM2 (7939112)		985697 61	15			7SMXD 67 Caravelle,	50	FJB-6699B Renault	
73 Pontiac	138	75 LeMans	193	985698 61	15			8SMXD 67 Caravelle,	50	FJB-6699B Renault	
41APB1 (7935201) 74		52BPM1 (9343482)		985699 61	15			R-12-PBX	86	FJB-6699B Renault	
Astra (Canadian)	165	75 Pontiac	189	985700 61	15			R62-MPX0 (TP-803)	74	FJB-6699B Renault	
41BPM1 (7936011)		52BPM1 (7939102)		985701 61	15			R62-MPX2	74	FJB-6699B Renault	
41BPM1 (7935301) 74		52BPM2 (7939112)		985702 61	15			R62-MPX4	74	FJB-6699B Renault	
Astra (Canadian)	168	75 LeMans	193	985703 61	15			R-71-T	111	FJB-6699B Renault	
41KPB1, 41KPB1 74		52BPM1 (9343482)		985704 61	15			R-100-C	75	FJB-6699B Renault	
Ventura II (Similar	167	75 Pontiac	189	985705 61	15			R-100-C2	75	FJB-6699B Renault	
to page 11)		52BPM2 (7939112)		985706 61	15			R-10017	131	FJB-6699B Renault	
42AFM1 (9340452) 74		75 Pontiac	189	985707 61	15			R-102-C	147	FJB-6699B Renault	
Grand Prix, LeMans	176	52BPM1 (7939102)		985708 61	15			R-201M (RR-201M)	142	FJB-6699B Renault	
42AFM2 (7935102) 74		75 Pontiac	189	985709 61	15			R-500	31	FJB-6699B Renault	
Grand Prix, LeMans	169	52BPM2 (7939112)		985710 61	15			RR-3M	35	FJB-6699B Renault	
42AFP1 (9340432)		75 Pontiac	189	985711 61	15			RR-4PB 5-045	36	FJB-6699B Renault	
42AFP2 (9340442)		52BPM1 (7939102)		985712 61	15			RR-10R 5-004	36	FJB-6699B Renault	
74 Grand Prix, LeMans	173	75 Pontiac	189	985713 61	15			RR-11R 5-014	40	FJB-6699B Renault	
42APB1 (7935002)		52BPM2 (7939112)		985714 61	15			RR-12R 5-016	40	FJB-6699B Renault	
42APB2 (7935012)		75 Pontiac	189	985715 61	15			RR-13R 5-008	39	FJB-6699B Renault	
74 LeMans	175	52BPM1 (7939102)		985716 61	15			RR-14R 5-010	39	FJB-6699B Renault	
42APB3 74 LeMans		75 Pontiac	189	985717 61	15			RR-15R 5-012	39	FJB-6699B Renault	
(See Page 85)	175	52BPM2 (7939112)		985718 61	15			RR-18-M	43	FJB-6699B Renault	
42APB1 (7935092)		75 Pontiac	189	985719 61	15			RR-19-FM	43	FJB-6699B Renault	
74 Grand Prix,		52BPM1 (7939102)		985720 61	15			RR-19-FM	43	FJB-6699B Renault	
LeMans	170	75 Pontiac	189	985721 61	15			(IC Version)	149	FJB-6699B Renault	
42BPM1 (7939142)		52BPM2 (7939112)		985722 61	15			RR-21-FC	44	FJB-6699B Renault	
74 Pontiac	168	75 Pontiac	189	985723 61	15			RR-22-F	78	FJB-6699B Renault	
42BPM2 (7939142)		52BPM1 (7939102)		985724 61	15			RR-23-MK-2	62	FJB-6699B Renault	
74 Pontiac	168	75 Pontiac	189	985725 61	15			RR-24-PB 58-68	62	FJB-6699B Renault	
42BPM3 (9343502)		52BPM2 (7939112)		985726 61	15			Volkswagen	105	FJB-6699B Renault	
74 Pontiac	176	75 Pontiac	189	985727 61	15			RR-26-FM	105	FJB-6699B Renault	
42BPM4 (7939162)		52BPM1 (7939102)		985728 61	15			67-68 Volkswagen	106	FJB-6699B Renault	
74 Pontiac	169	75 Pontiac	189	985729 61	15			RR-29-PB	108	FJB-6699B Renault	
42BPM1 (7939122)		52BPM									

OLDSMOBILE (CONT.)	VOL.	OLDSMOBILE (CONT.)	VOL.	PANASONIC (CONT.)	VOL.	PLYMOUTH (Also See VOL. MoPar) (CONT.)	VOL.	PLYMOUTH (Also See VOL. MoPar) (CONT.)	VOL.	PONTIAC (CONT.)	VOL.
43BFP1 (9343323) 74		989002 57	7	CQ-742EU	229	2CH1605 76	223	3501328(1CH4507,		12BPT2 (7930242)	
Cutlass, Olds,		989127 58	8	CQ-880EU	146	2CH2602 76	228	5CH4507) 75 Fury	195	71-1/2 Pontiac	117
Toronado	176	989131 58	8	CQ-881EU	194	5CH1605 76	223	5CH1329 (1CH4402,		12BT411 (7934782)	
43BFP1 (9343333) 74		989170 59	10	CQ-890EU	219	5CH2602 76	228	5CH402) 74 Plymouth	180	71 Pontiac	97
Cutlass, Olds,		989171 59	11	CQ-905EU	108	228 (8BBA, 9BBA)		5CH402) 74 Plymouth	180	12FFM1 (7313542)	
Toronado	176	989172 59	11	CQ-950EU	175	68-69 Barracuda	61	3501329 (1CH4508,		71 Firebird	106
43BPB1 (9343295)		989277 60	12	CQ-989	224	245 (8BVA, 9BVA)		5CH4508) 75 Fury	192	12FFP1 (7313532)	
43BPB1 (9343313)		989387 61 F-85	15	CR-003B	149	68-69 Valiant	61	3501376	189	71 Firebird	97
74 Olds, Toronado	173	989392 61	15	CR-119EU	140	250 68 Fury	51	3501472 76	228	12FFP1 (7313532)	
43BPT1 (9343353)		989393	14	CR-143EU	138	251 (8BBE, 9BBC)		3501501 (1PD2208)		71 Firebird	120
74 Cutlass, Olds,		7284893	22	CR-242EU	176	68-69 Belvedere	61	72 Barracuda	135	12FFPK1 (7313562)	
Toronado	172	7289313 65 Oldsmobile	30	CR-501EU	150	384 (8FBD) 68 Ply	58	3501501 (1PD2312)		71 Firebird	97
50HPBT1 75	220	7289333 65	31	CR-514EU	140	388 (8FBC) 68		3501502 (1PF2205)		12FFPK1 (7313562)	
51KFM1 (7933261)		7289353 65	31	CR-515EU	220	Belvedere	58	72 Fury	135	71 Firebird	98
75 Omega	191	7289373 982687 66 P-85	35	CR-656EU	167	390 68 Fury	55	3501502 (1PF2310)		12FFPK1 (7313562)	
51KFM1, 51KFM2		7291063 65 F-85	30	CR-657EU/658EU	217	398 (8F8BA) 68		73 Fury	152	71 Firebird	98
(7933281) 75 Omega	192	7292843 66 Toronado	37	CR-700EU	139	399 (8F8VA) 68 Valiant	58	3501503 (1PD2207)		12FFPK1 (7313562)	
51KFM1 (7933251)		7292863 66 Oldsmobile	39	CR-701EU	166	2864 515 (8BBD, 9BD)		72 Satellite	135	12FFPK1 (7313562)	
75 Omega	189	7293653 982690 66 Olds	38	CR-714EU	174	68-69 Barracuda (Simi-		3501506 (1PD1207)		71 Firebird	98
51KPB1 (7933241)	186	7294743 982688 66 Olds	37	CR-131EU	143	68-69 Barracuda (Simi-		72 Barracuda	131	12FT451 (7930492)	
51XPB2/BK2	217	7294753 982689 66 Olds	36	CR-325EU	151	68-69 Barracuda (Simi-		3501506 (1PD1207)		71 Firebird (Console)	106
51XPBK1 (7933501)	186	7297564 66 Olds		CR-326EU	151	68-69 Valiant (Similar		73 Barracuda	156	12GFM1 (7312332)	
51XPBT1, 51XPBT2		Reverb. Unit	36	CR-351EU	111	68-69 Valiant (Similar		3501507 (1PD1208)		71 Grand Prix	106
(7933271) 75 Omega	193	7298413 67 Oldsmobile	45	CR-375EU	177	68-69 Valiant (Similar		72 Satellite	131	12GFM1 (7307432)	
53APB1 (9346723)		7299563 67 F-85	43	CR-385EU	221	2864 75 (8F8PD) 68		3501508 (1PF1206)		71 Grand Prix	120
75 Cutlass	190	7299573 67 Toronado	45	CR-475EU	183	Fury (Similar to		72 Fury	131	12GFM1 (7312942)	
53APB2 75 Olds		7299583 67 Toronado	42	CR-567EU	172	page 41)	58	3501508 (1PF1512)		12GFM1 (7312942)	
(See page 93)		7300083 67 Toronado	44	CR-568EU		2864 767 (8BBE, 9BBC)		73 Fury	156	71-1/2 Grand Prix	120
53APBK1 (9346733)		7300093 67 Oldsmobile	44	(Similar to page 95)	172	68-69 Belvedere (Simi-		3501521 (1PD2209)		12GFM1 (7307332)	
75 Cutlass	190	7300103 67 Oldsmobile	42	CR-601EU	144	68-69 Belvedere (Simi-		72 Fury	133	71 Grand Prix	98
53APBK2 75 Olds		7300113 67 F-85	46	CR-601EU (PCB)	176	2864963 (390) 68		3501521 (2PD2313)		71 Grand Prix	98
(See Page 93)		7300753 67 Toronado	44	CR-675EU	181	Belvedere, Fury	55	73 Fury	159	21AFM1 (7933261)	
53BPM1 (9346763)		7301703 67 Oldsmobile	46	CR-7775U	99	2884044 (400) 68		3501622 (1PD1506,		72 Ventura II	113
75 Cutlass, Olds,		7302013 68 F-85	52	CR-8075U	66	2884 056 (8FBBA)		2PD1506, 5PD1506)		21AFM1 (7933251)	
Toronado	188	7302023 68 Olds, F-85	50	CR-830EU	111	68 Valiant (Similar		73 Duster, Valiant	196	72 Ventura II	120
53BPM1, 53BPM2		7302503 67 Toronado	46	CR-880EU	148	68 Valiant (Similar		3501622 (2PD1306)		21AFM1 (7933511)	
(9346783) 85 Cutlass,		7303143 68 Oldsmobile	51	CR-880EU (PCB)	164	68-69 Barracuda (Simi-		73 Valiant	157	21AFM1 (7933511)	
Oldsmobile, Toronado	193	7303153 68 Oldsmobile	49	CR-885EU	95	68-69 Barracuda (Simi-		3501623 (1PD2509,		21AFM1 (7933501)	
53BPM3	219	7303203 68 Toronado	49	PENNEYS (PENCREST)		2884 063 (8F8C) 68		2PD2509, 5PD2509)		72 Ventura II	114
53BPM1 (9346743)		7303223 68 Toronado	49	(See JC Penney)		Belvedere (Similar		3501625 (1PD2308)		21APB2 (7933241)	
53BFPK1 (9346753)		7303253 68 Toronado	51	PEUGEOT		to page 41)	58	73 Satellite	159	21APB2 (7933501)	
75 Cutlass, Oldsmobile,		7305203 68 Oldsmobile	50	2PG2130 (981D2)		2884065 (250) 68 Fury	51	3501633 (1PD2349)		72 Ventura II	117
Toronado	191	7305933 68 Olds, F-85	50	72 Peugeot	129	2884 101 (CF10103)		73 Barracuda	158	21AFM1 (7930542)	
53BPM1 (9346703)		7307313 69, 69 1/2	74	PHILCO		2884 103 (254) 69 Fury	67	3501635 (1PF2347)		72 Tempest	113
75 Oldsmobile,		Oldsmobile	74	(Also See Ford)		2884 610 (CF61003)		73 Fury	158	22AFP1 (7307402)	
Toronado	190	7307813 69 69 1/2	74	C-5209 See MoPar 824	4	2884 663	88	PONTIAC		72 Tempest	113
53BPM2 75 Olds		Toronado	74	C-5409 See MoPar 830	4	2884 673 (1CH4007)	61	02AFM1 70 Tempest	76	22AFP1 (See Page 89)	120
(See Page 93)		7895851-1 76	229	C-5509 See MoPar 835	5	2884 600	88	02AFM2 70 Tempest	89	22AFP1, 22AFP2	120
53BPM1 (9346713)		7933241	217	C-5596 See MoPar 903	5	2884 610 (CF61003)	88	02AFM2 Tempest 70 1/2	79	22AFP3 (7312922)	120
75 Oldsmobile,		7933401	217	C-5609 See MoPar 844	6	2884 611 (CF61003)	88	02AFP1, 02AFP2	80	72 Tempest	120
Toronado	190	9346783	219	C-5609HR See MoPar	6	2884 748 (CF74803)	85	70 Tempest	94	22APB1 (7307302)	120
53BPM2 75 P-85		9347740 76	221	844HR	6	2884 750 (8OBV)	90	02APB1/BK1 70 Tempest	101	22APB1 (7312892)	114
(See page 93)		9347980 75-76	220	C-5705 See MoPar 847	8	Valiant 70	94	02BPM1 70 Tempest	76	22APB2 (7307302)	114
53BPT1/72 (9346773)		OLSON		C-5707 See MoPar 920HR	8	2884750 (1PD1211,	94	02BPM2 70 Pontiac	89	22APB2 (7307302)	114
75 Cutlass, Oldsmobile,		AU-332A	185	C-5709 See MoPar 921HR	8	2PD1211) 72 Valiant	128	02BPM1, 02BPM2	89	22APB2 (7312892)	114
Toronado	195	AU-334	201	C-5809 See MoPar 924HR	9	2884 752 (8BBC)	94	70 Pontiac	94	72 Tempest	126
53BPT3 (9346773)		RA-771	48	D-5207 See MoPar 819	4	Belvedere 70	94	02BPM1, 02BPM2	75	22AT411 (7307702)	126
75 Cutlass, Olds,		OPEL		D-5407 See MoPar 820	4	2884 753 (1DC2002)	94	02BT41 70 Firebird,		72 Firebird, Grand	
Toronado	210	04LPB1 70 Opel	100	P-5206 See MoPar 819	4	70 Plymouth	84	Grand Prix, Pontiac,		72 Grand Prix	
53BPM1 (9346713)		04PPB1 70 Opel G/T	100	P-5606 See MoPar 840	6	2884 755 (CF75503)	84	Tempest	80	22BPM1 (7930332) 72	112
75 Oldsmobile,		14LPB2 (7930254) 71	96	P-5701 See MoPar 848	8	70 Fury	87	02BT412 70		Pontiac	112
Toronado	190	14LPB1 (7312234)	96	P-5703 See MoPar		2884 755 (2PF1007)	87	Grand Prix, Tempest	90	22BPM1 (7930332) 72	112
53BPM2 75 P-85		71 G/T	97	P-5801 See MoPar 848	8	Fury 70	79	02FPM1 70 Firebird	76	72 Pontiac	115
(See page 93)		24LPB1 (7930254)	114	P-5803 See MoPar 925	9	2884 759 (8BBJ, 1BBJ)	89	02FPM2 Firebird 70 1/2	79	22BPM1 (7930332) 72	112
53BPT1/72 (9346773)		72 Opel	114	P-5981 See MoPar 855	11	70-71 Barracuda	89	02FPF1 70 Firebird	94	72 Pontiac	109
75 Cutlass, Oldsmobile,		24LPB2 (7930254)	126	P-6234	20	2884759 (2PD1212)	128	02FPF2, 02FPF2	94	22BPM2 (7930212)	120
Toronado	195	24LPB1 (7312234) 72	112	S-5323 See Studebaker	4	73 Barracuda	157	70 1/2 Firebird	94	72 Pontiac	
53BPT3 (9346773)		24PPB2 (7312234)	127	Model AC-2301	4	2884759 (2PD1315)	157	02FPB1 70 Firebird	101	(Similar to page 98)	109
75 Cutlass, Olds,		24PPB1 (7307313)	127	S-5327 See Studebaker	4	73 Barracuda	157	02FPB2/BK2	101	12BFPK1 (7930212)	120
Toronado	210	30LPB1 (7930254)	139	Model AC-2300	4	2884 795 (CF79503)	92	70 1/2 Firebird	101	72 Pontiac	109
53BPM1 (9346713)		73 Opel	139	S-5524 See Studebaker	4	3420558 (1PF2903)	65	02FT412 70 Fury	90	22BPM1 (7930012)	118
69 Olds	74	30LPB2 (Similar to	144	Model AC-2301	4	69 Fury	65	02GFM1 Grand Prix	79	72 Pontiac	118
53BPM2 (7307313)		page 17)	144	S-5528 See Studebaker	4	3420 888 (1PF2009)	81	02GFM1, 02GFM2	79	22BPM2 (7930012)	118
69 Olds	74	30PPB1 (Pg. 73)	127	Model AC-2300	4	3501 013 (1BBC)	81	70 Grand Prix	75	72 Pontiac	122
53BPM2 75 Olds		04LPB1 (7930254)	171	S-5529 See Studebaker	4	71 Coronet, Satellite	89	02GFM1, 02GFM2	75	22BPM2A	122
69 1/2 Olds	71	74 Opel	171	Model AC-2300	4	3501013 (CG01303)	104	12AFM1 (7930542)	106	71-1/2 Pontiac	118
53BPM1/72 (7307303)	69	54LPB1 (7930254)	192	TAR-58 See MoPar 700	8	2501013 (1PD1209,	128	71 Tempest	106	22BPM2 (7930202)	118
93BT411 69 F-85, Olds	69	94LPB1 69	67	94PM See Merc. 94PM	12	3501209 72 Satellite	128	12AFP1 (7307402)	97	22BPM3 (7930202)	122
93BT412 69 1/2 F-85,		94PPB1 (7312234)	67	929 See MoPar 929	11	3501013		71-1/2 Tempest	120	22BPM3 (7930202)	122
Olds	69	69 G/T	70	PHILCO-FORD		71 Tempest	97	12AFP2 (7307402)	102	22BPM4 (7930242)	127
93EFM1/MA2 69		980886 64 Kadette	26	(See Ford)		12AFP1 (7312922)	97	71-1/2 Tempest	120	72 Pontiac	117
Toronado W/AC		981946 58	14	PHILLIPS		12AFP2 (7312922)	97	12AFP1 (7312922)	120	22BPT1 (7930242)	117
93EFM1/MA2 69		981981 59-60	14	PPTC-400-HR	32	71 Tempest	120	71-1/2 Tempest	120	22BPT2 (7930242)	117
Toronado W/HR		7294694 66	39	PIONEER		12AFP1 (7312922)	97	3501014 (CG01403)	179	71-1/2 Pontiac	127
93EFM1 (7307813)		7307404 68 Opel	55	GX-1500G	220	3501013 (2PD1308)	157	3501013 74 Satellite	179	22B	



PHOTOFACT[®] SPECIALIZED SERIES

AUTO RADIO SERIES

Complete and up-to-date PHOTOFACT[®] coverage of Auto Radios and Tape Players. Regular price \$3.50 per volume—only \$3.20 when purchased on a Standing Order Subscription! Sign up and save 30¢ per volume.



CB RADIO SERIES

Five to six volumes issued yearly provides complete PHOTOFACT[®] coverage of all popular CB Radio models. Regular price \$3.95 per volume—only \$3.65 when purchased on a Standing Order Subscription! Sign up and save 30¢ per volume.



TAPE RECORDER SERIES

Complete PHOTOFACT[®] coverage of all important late-model Tape Recorders in easy-to-use volumes. Regular price \$5.25 per volume—only \$4.95 when purchased on a Standing Order Subscription! Sign up and save 30¢ per volume.



HOWARD W. SAMS & CO., INC.

PHOTOFACT[®] SPECIALIZED SERIES

are available from your local parts distributor

\$3.50
\$4.40 IN CANADA
AR-328
006773

