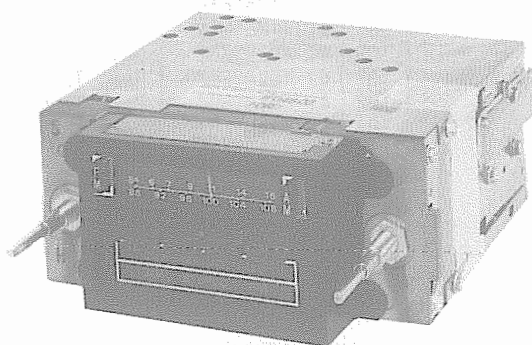


PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index



MODEL 1FD4602

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

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

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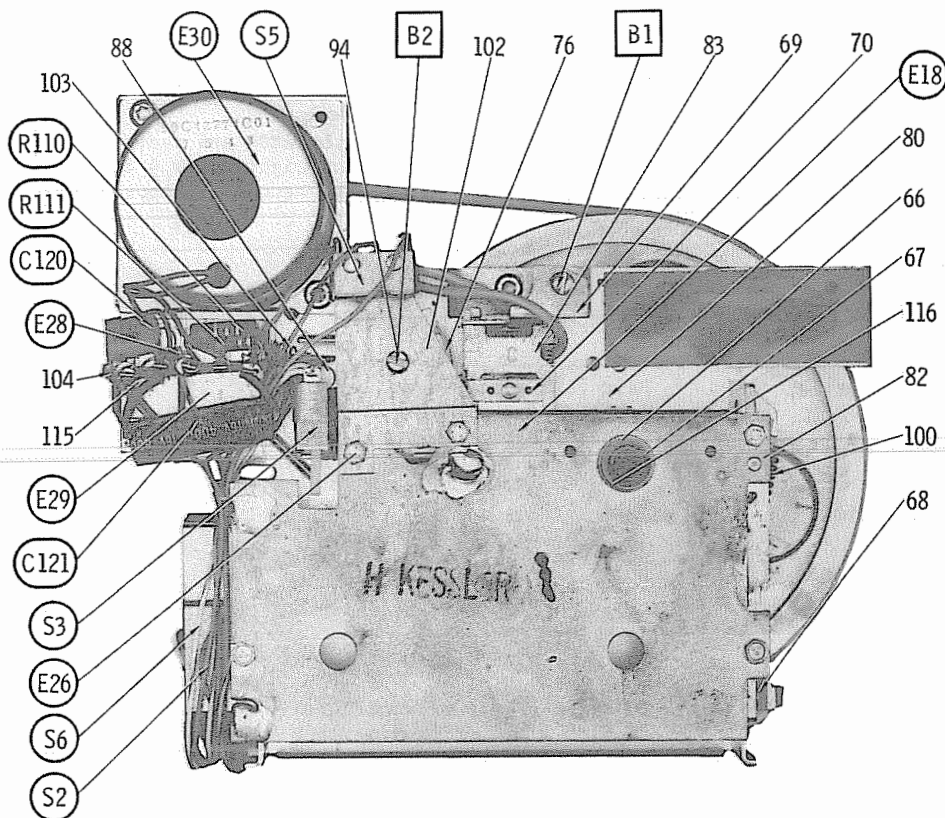
6AL-946

MECHANICAL PARTS LIST

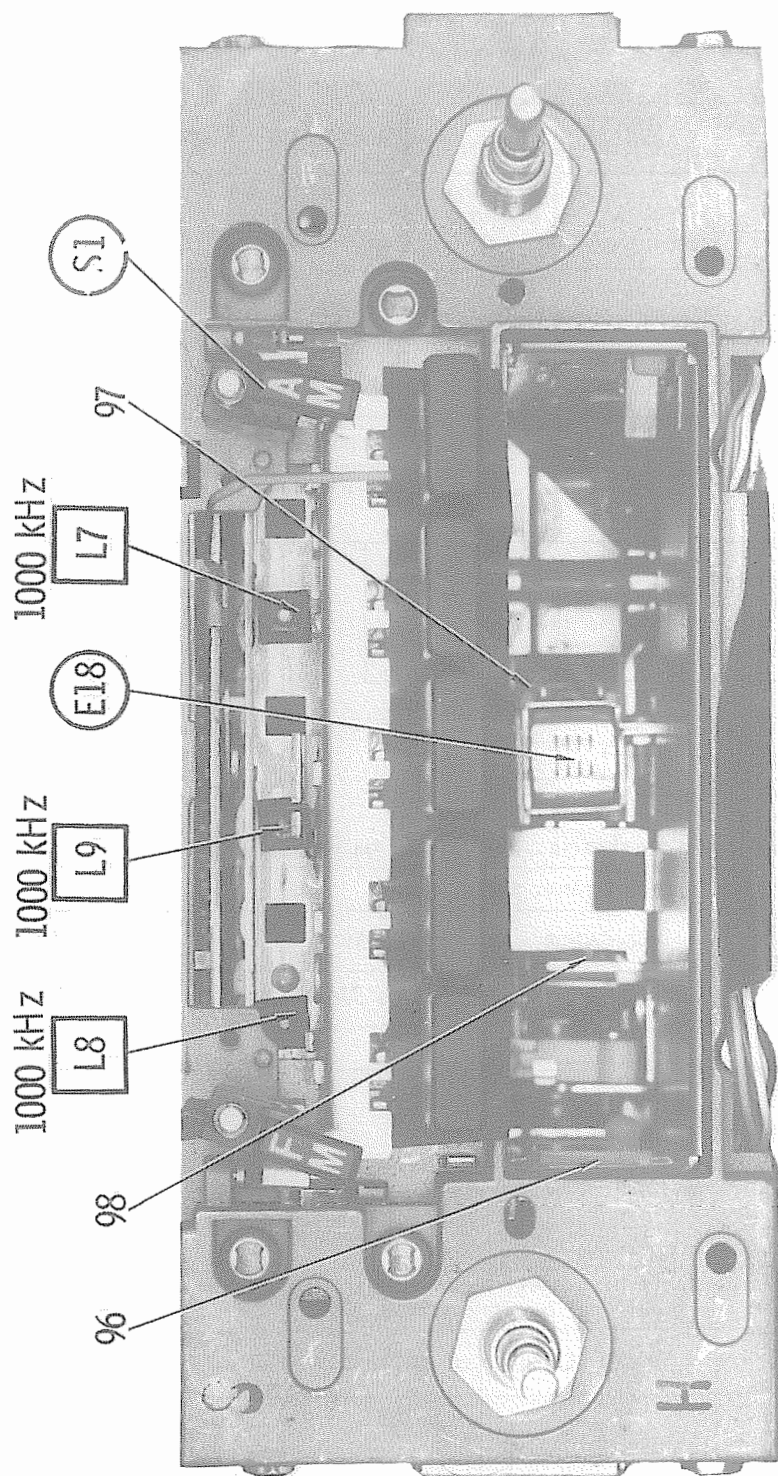
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
65	42-42561C02	Flywheel Drive Belt	94	47-43703C02	Cam Height Adjust Shaft
66	43-42609C02	Capstan Sleeve Bearing	96	43-43762C01	Cartridge Retainer Spacer
67	43-40411B02	Ball Thrust Bearing Assembly	97	41-41251B18	Azimuth Tension Spring
68	1-42099C88	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:

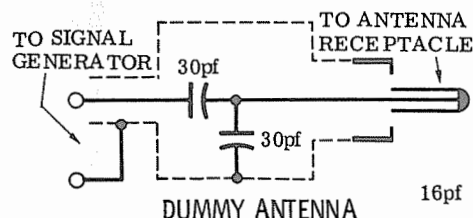
ALL.....9440

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

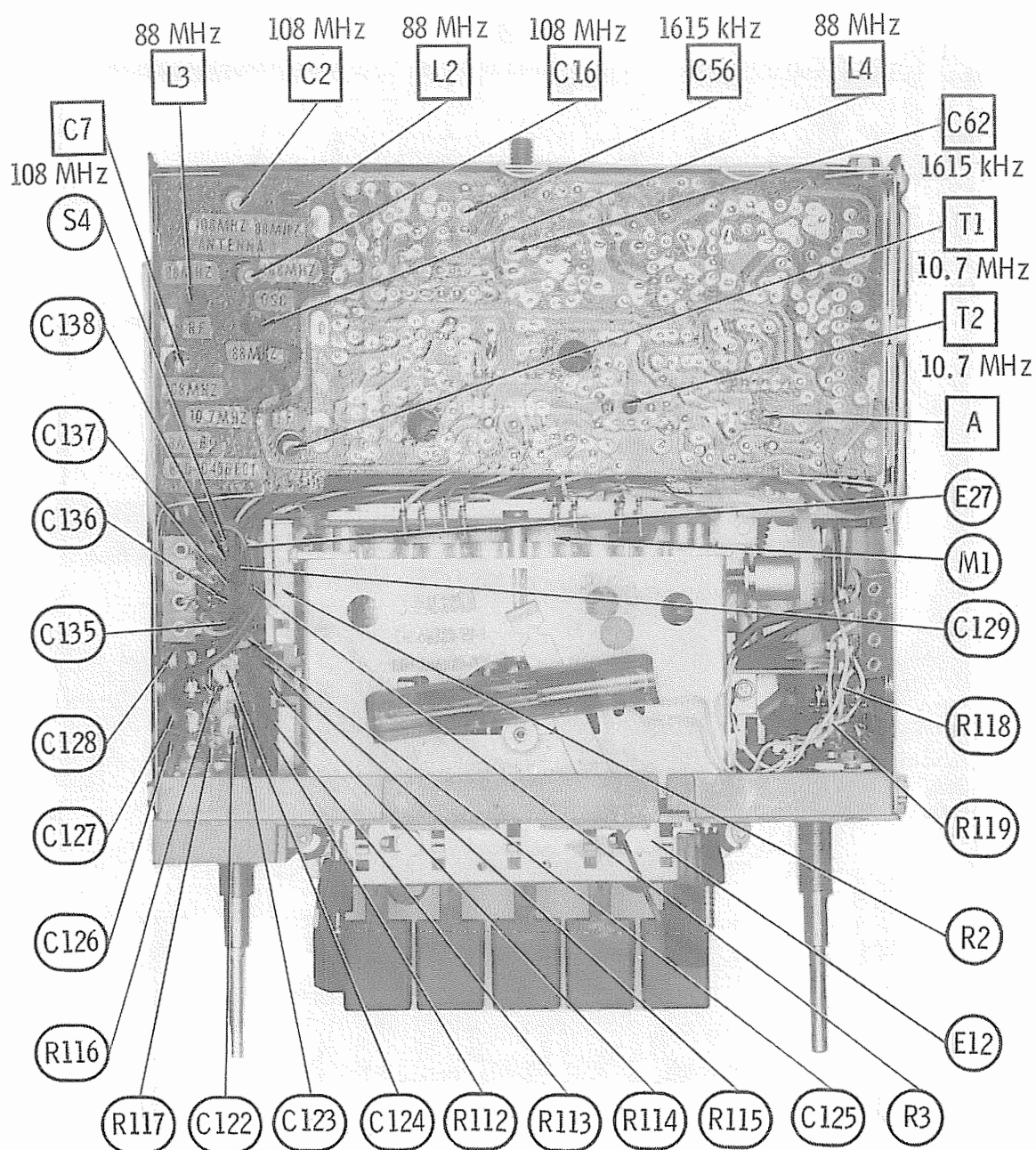
Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead. Adjustment of coils by bending should not be attempted unless the coil is deformed or replaced.

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.

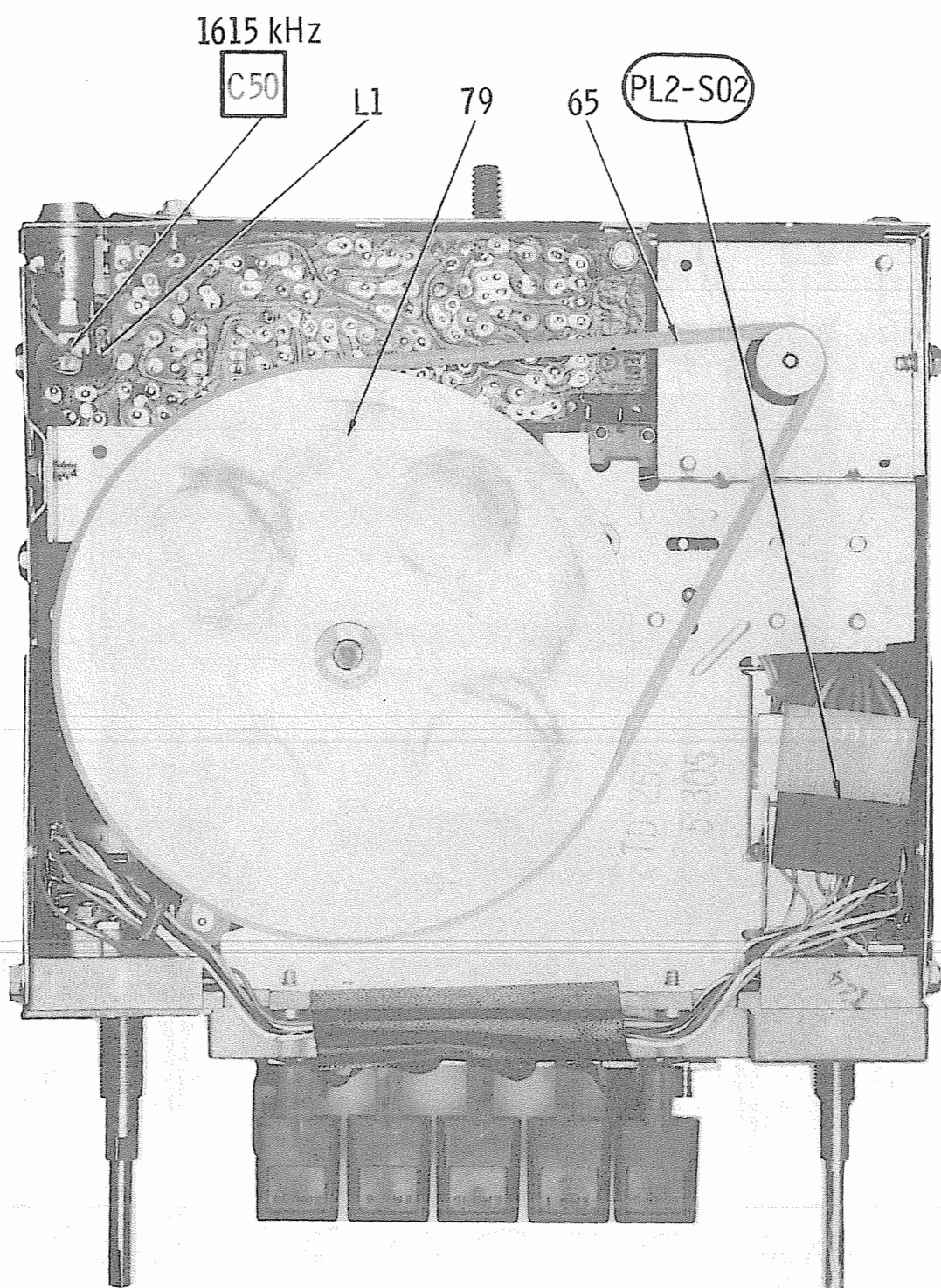
(1) Before adjusting, vary generator frequency slightly. Maximum output indicates exact IF.

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

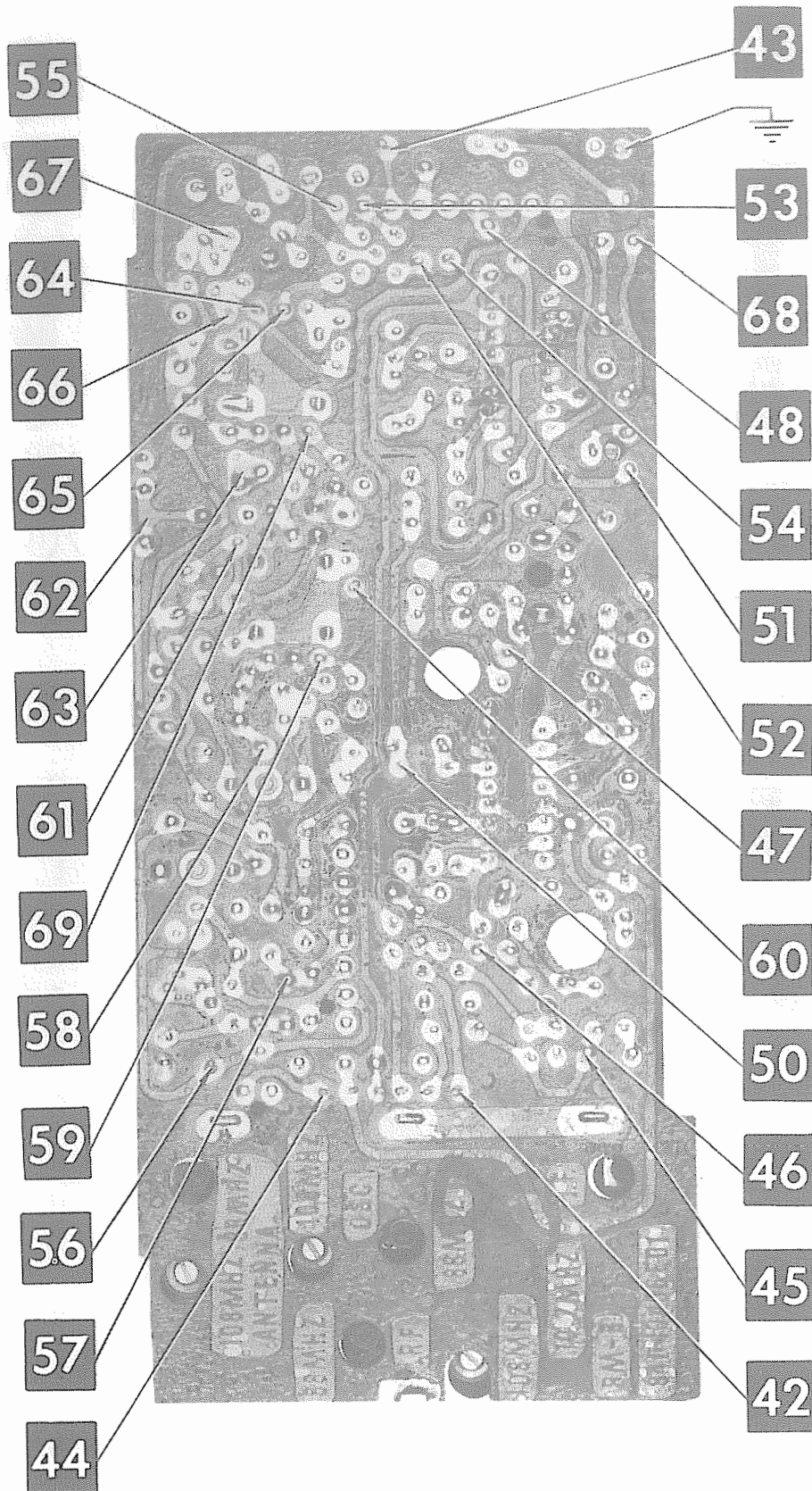
Ground junction of C32 and C37. Connect Freq Counter thru 100K Ohm Resistor to point A.
Adjust R40 for 19kHz +20Hz.



CHASSIS-TOP VIEW

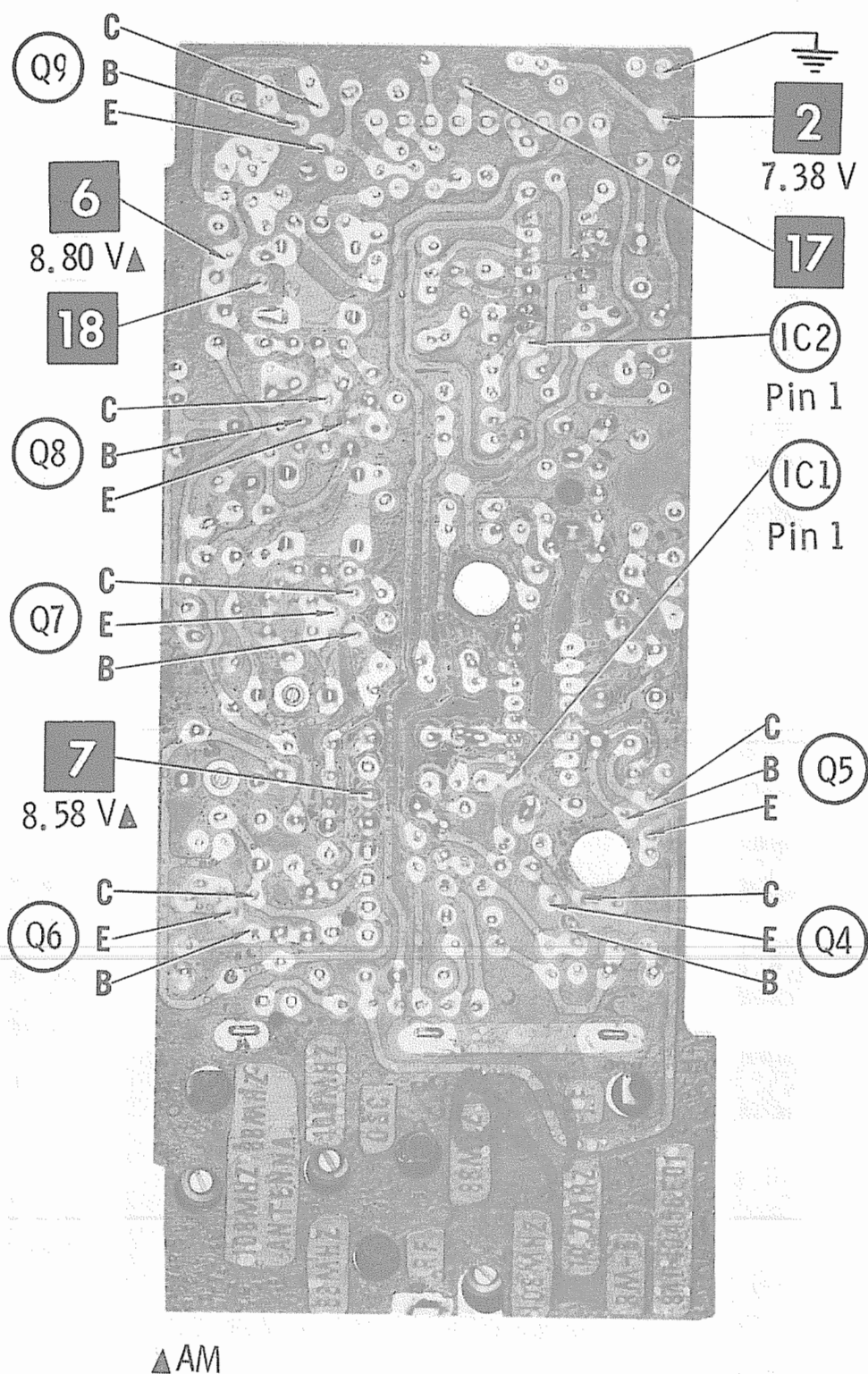


CHASSIS-BOTTOM VIEW

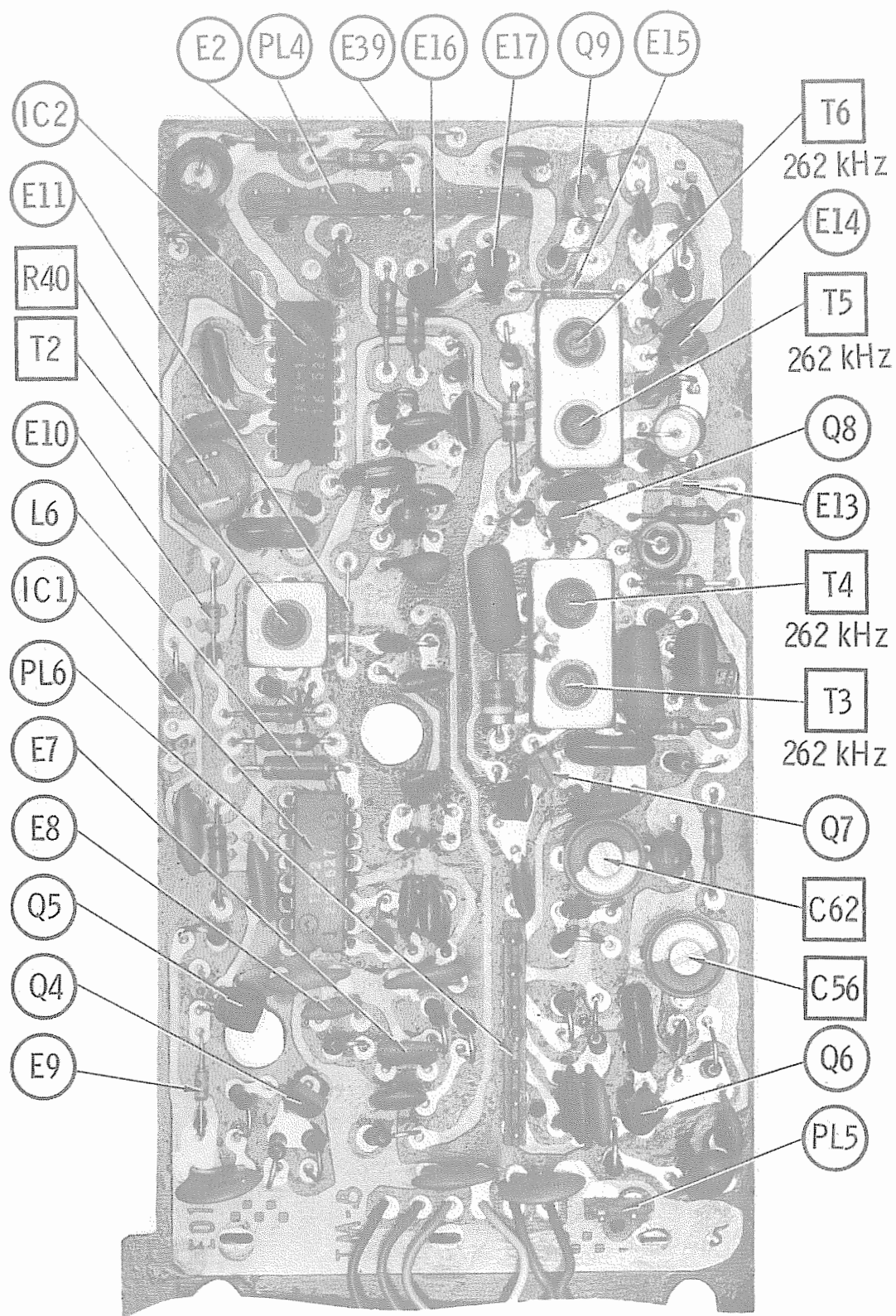


FORD/LINCOLN MODELS 1FD4602, 1LN4606

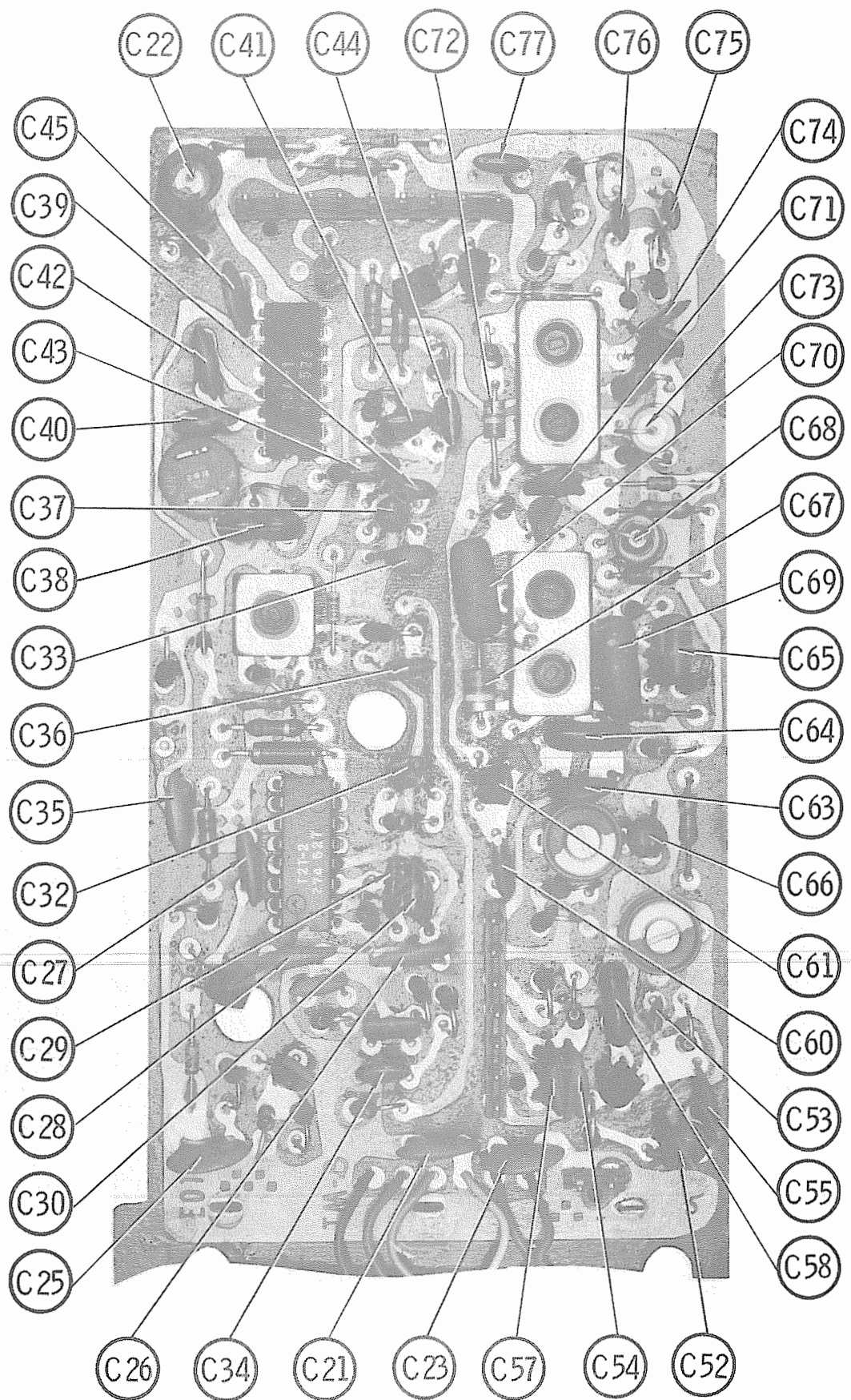
AM-FM-MPX BOARD



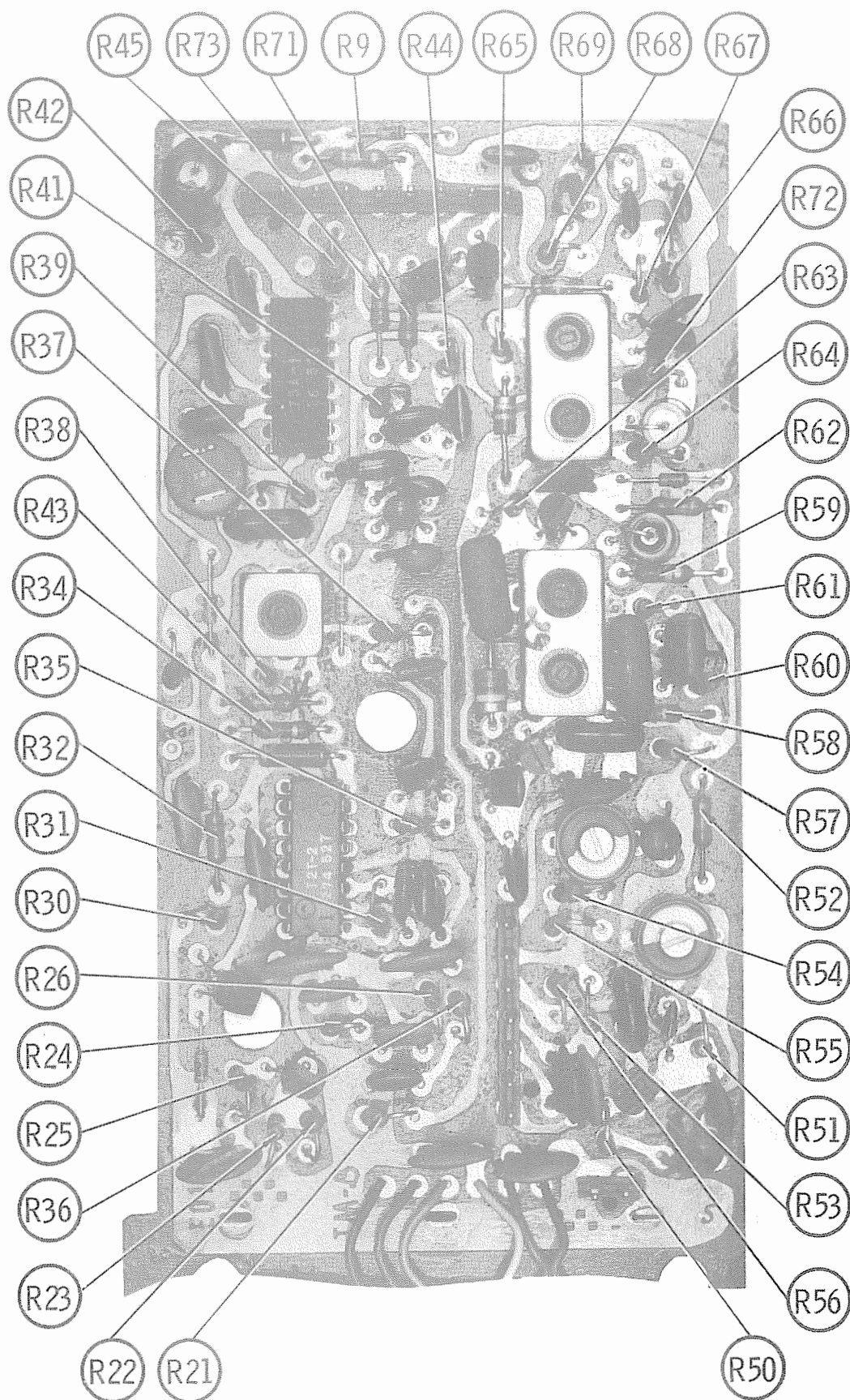
AM-FM-MPX BOARD



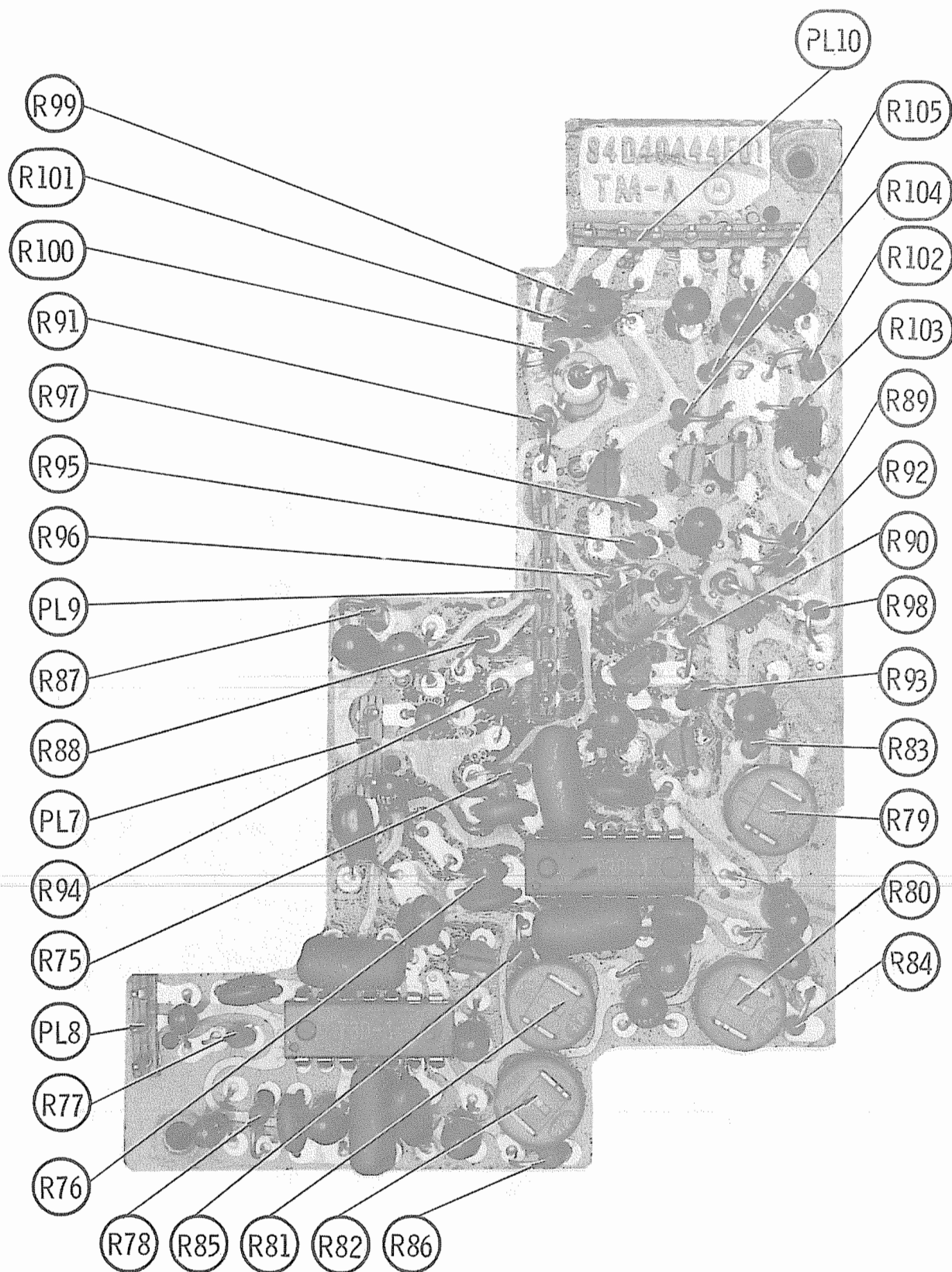
AM-FM-MPX BOARD



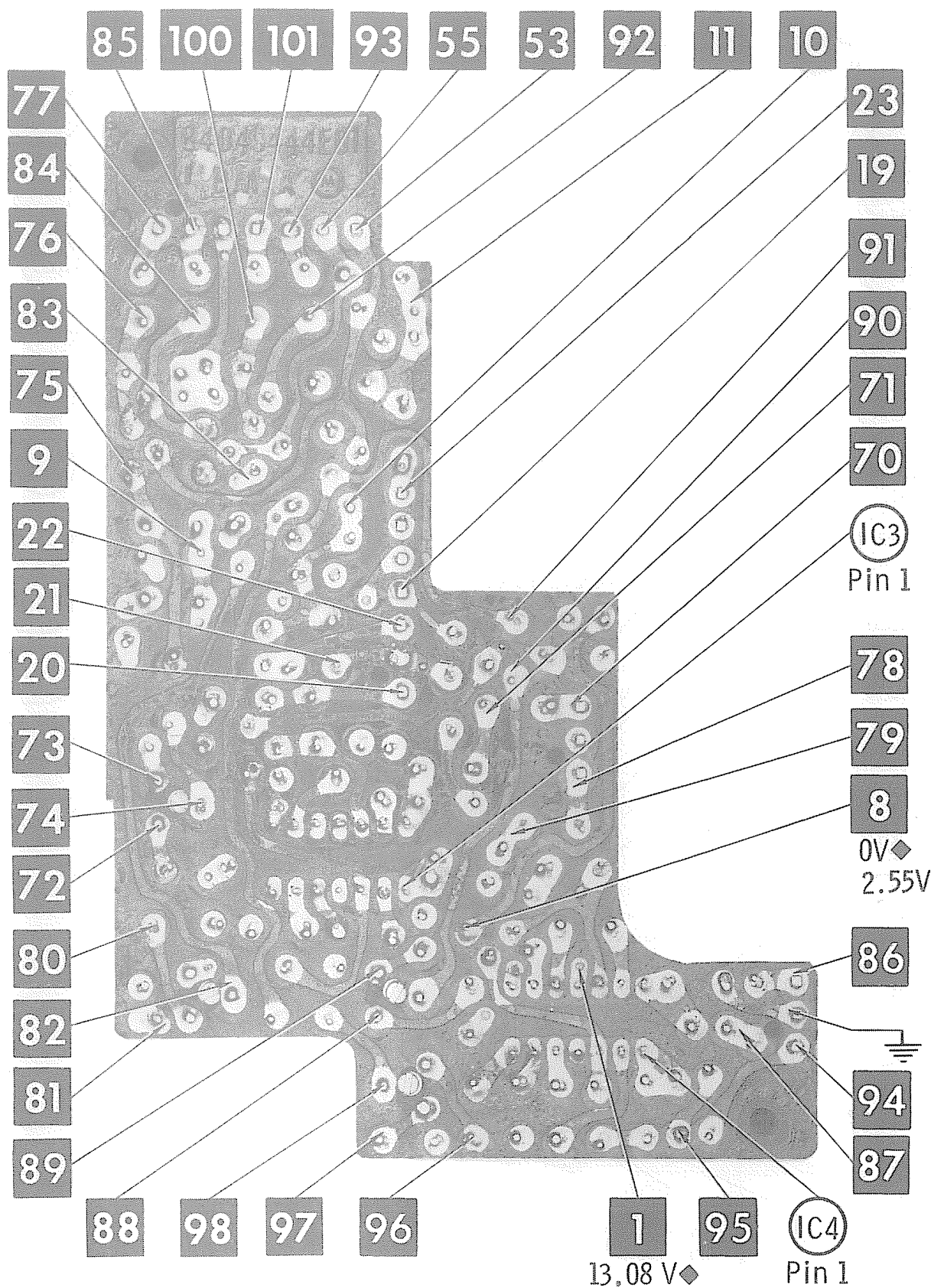
AM-FM-MPX BOARD



AM-FM-MPX BOARD



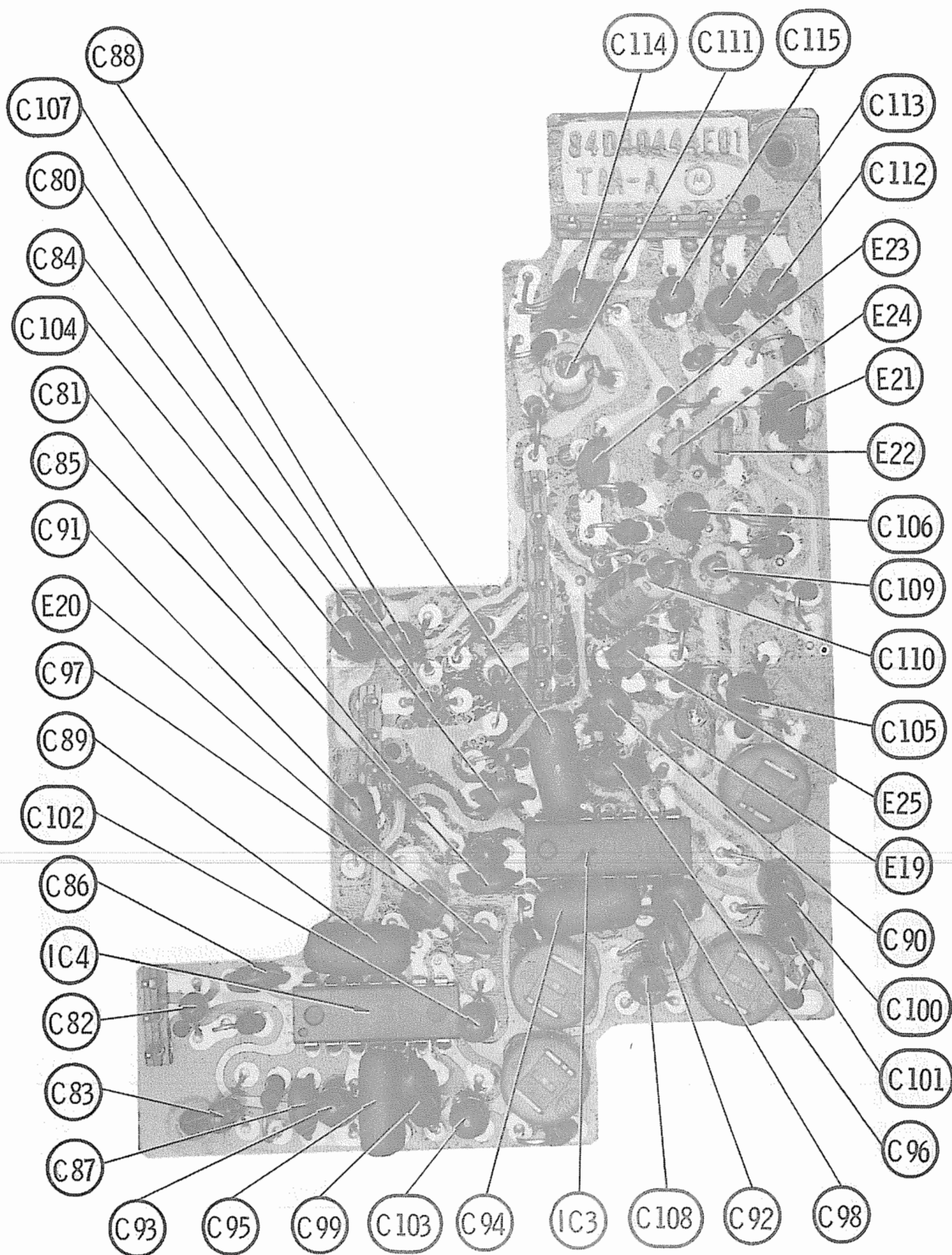
PREAMP BOARD



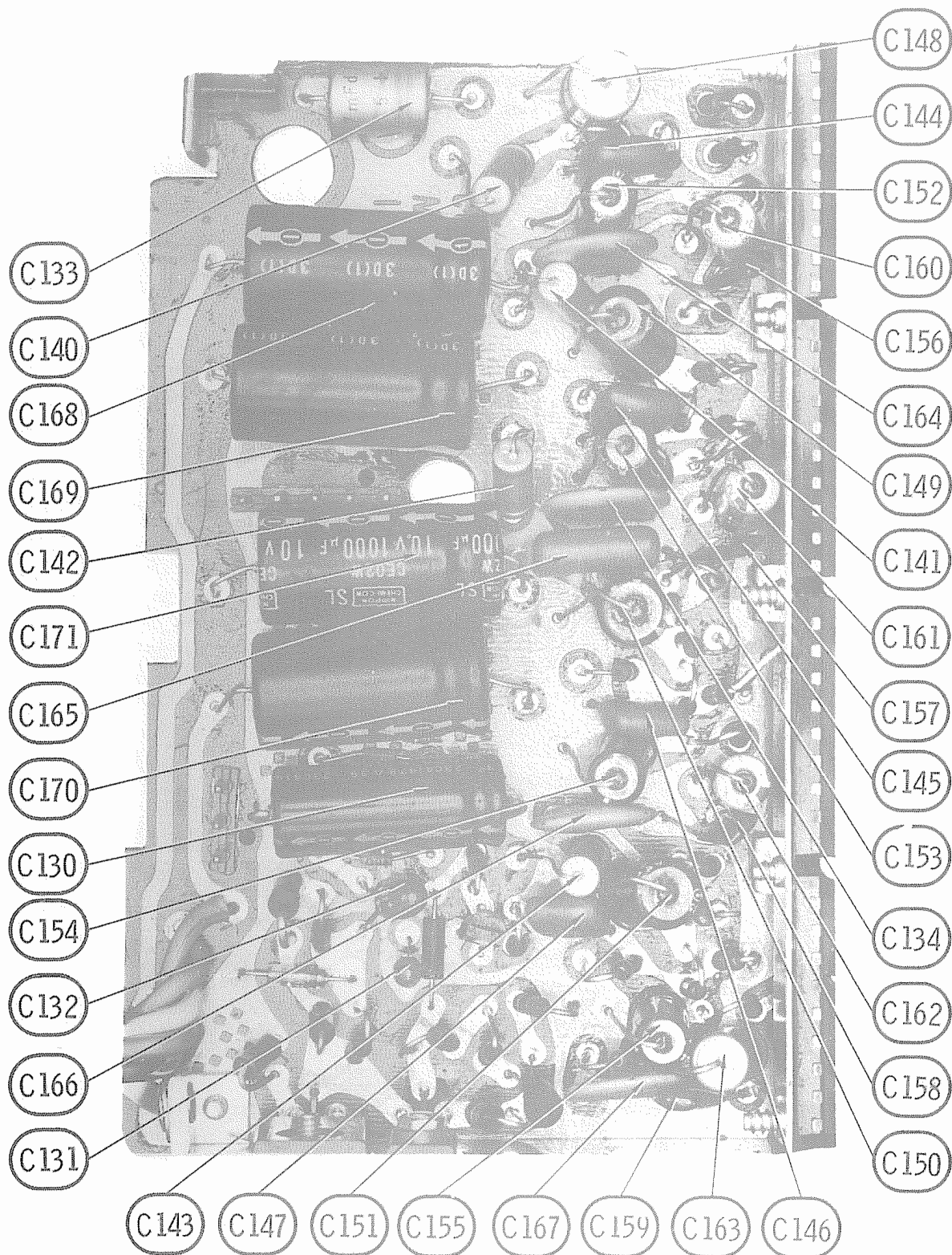
FORD/LINCOLN MODELS 1FD4602, 1LN4606

◀ QUAD TAPE PLAY

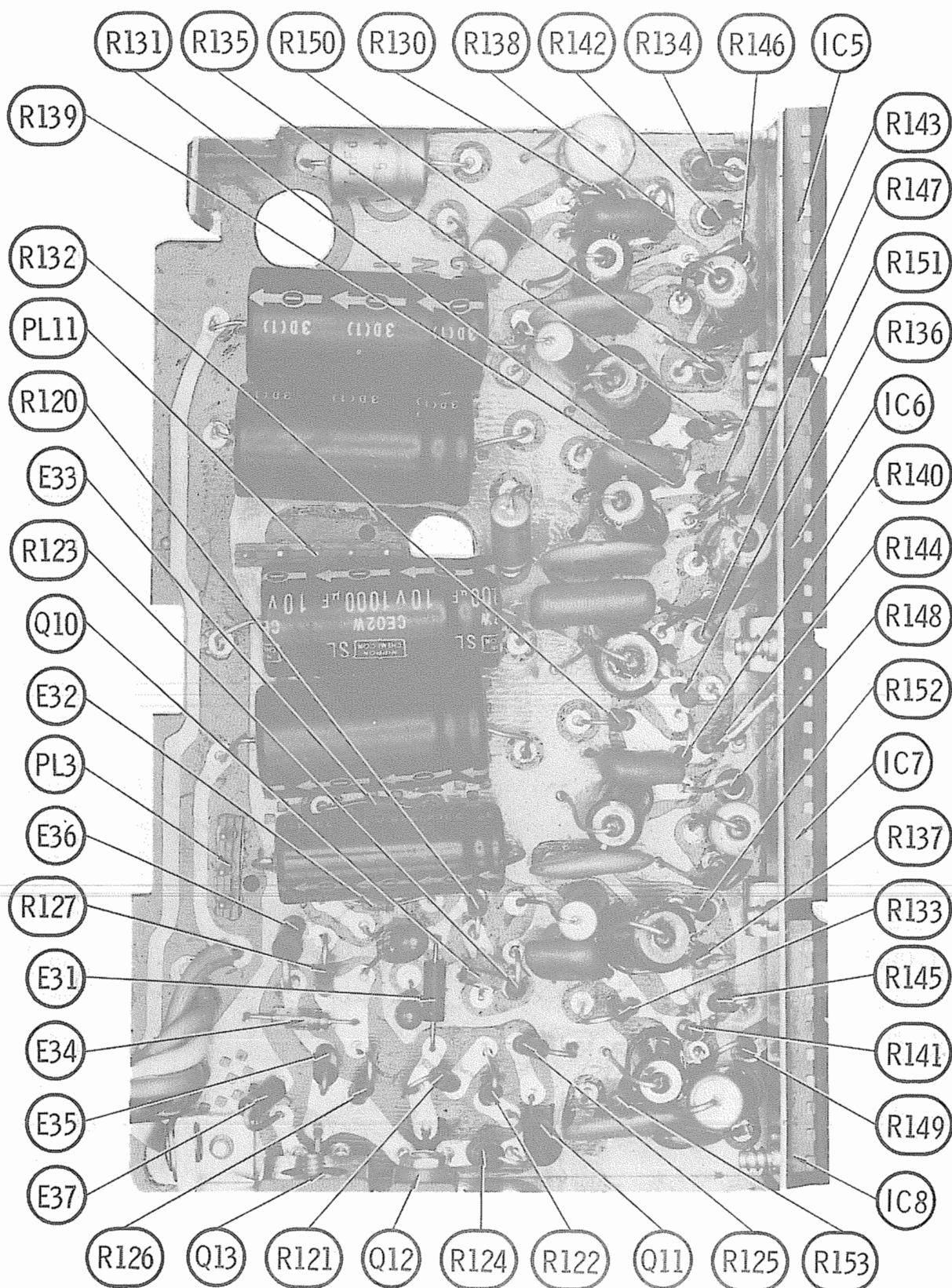
PREAMP BOARD



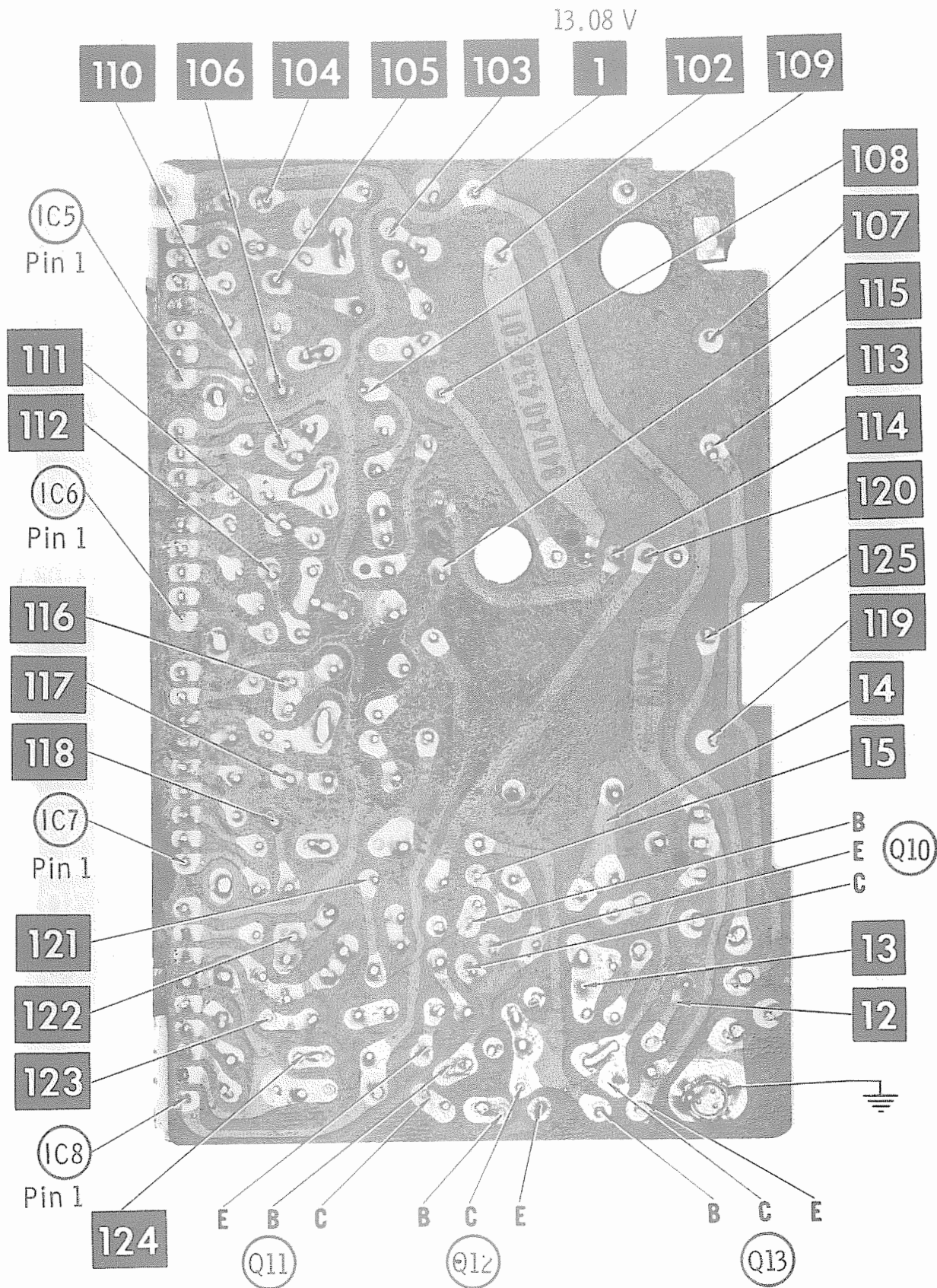
PREAMP BOARD



AUDIO BOARD

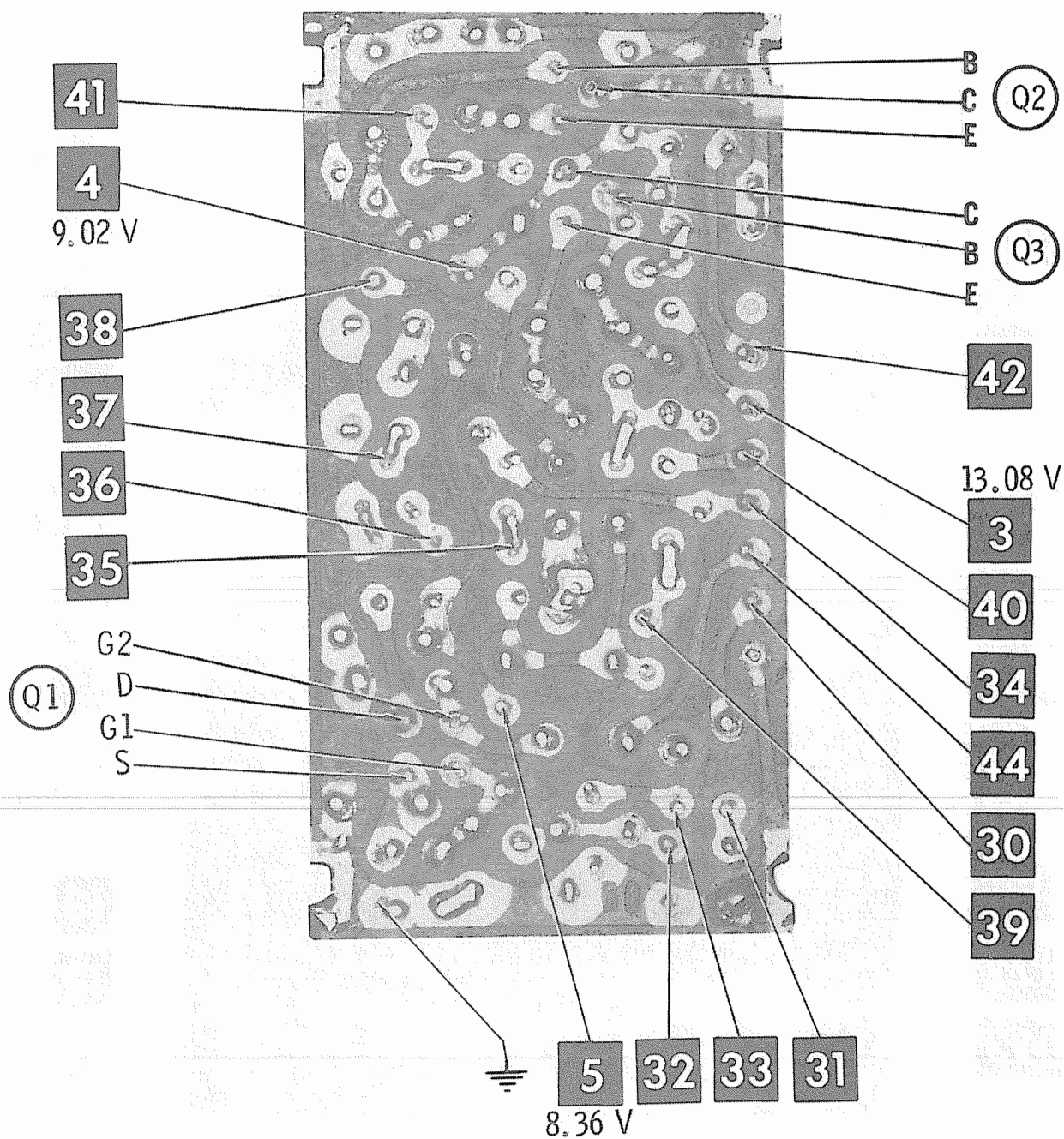


AUDIO BOARD

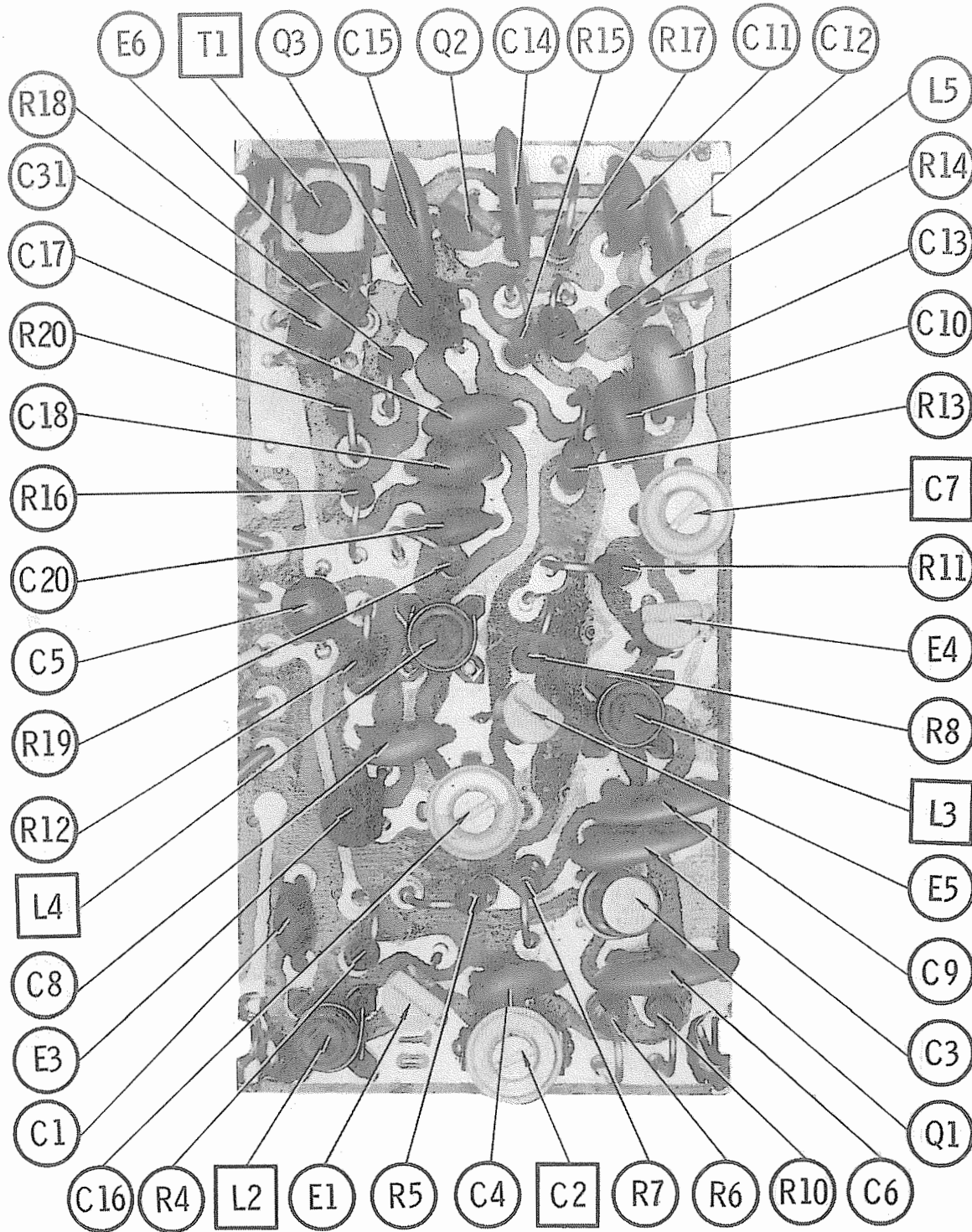


FORD/LINCOLN MODELS 1FD4602, 1LN4606

AUDIO BOARD

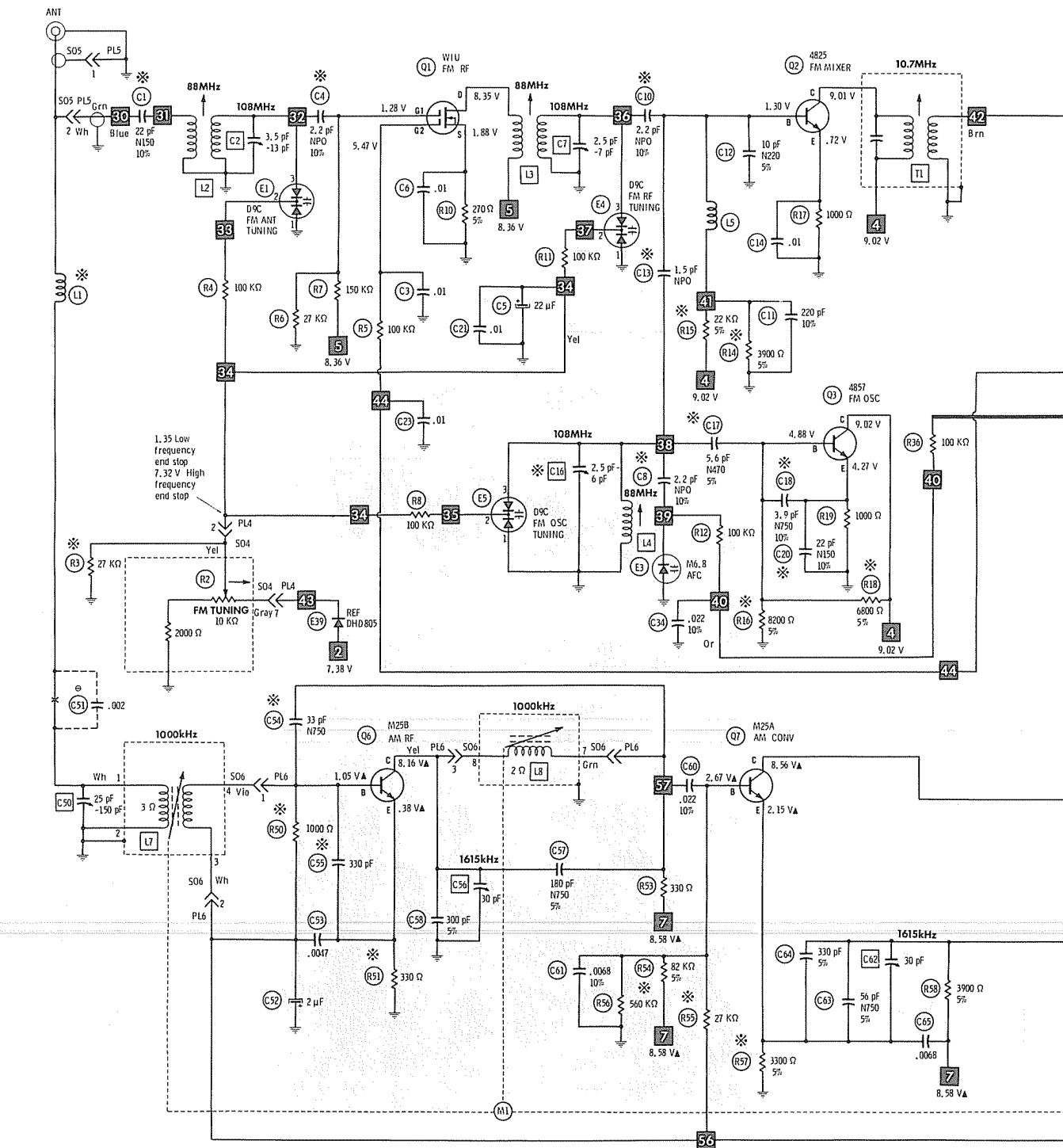


TUNER BOARD



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
- ▽ Common tie point

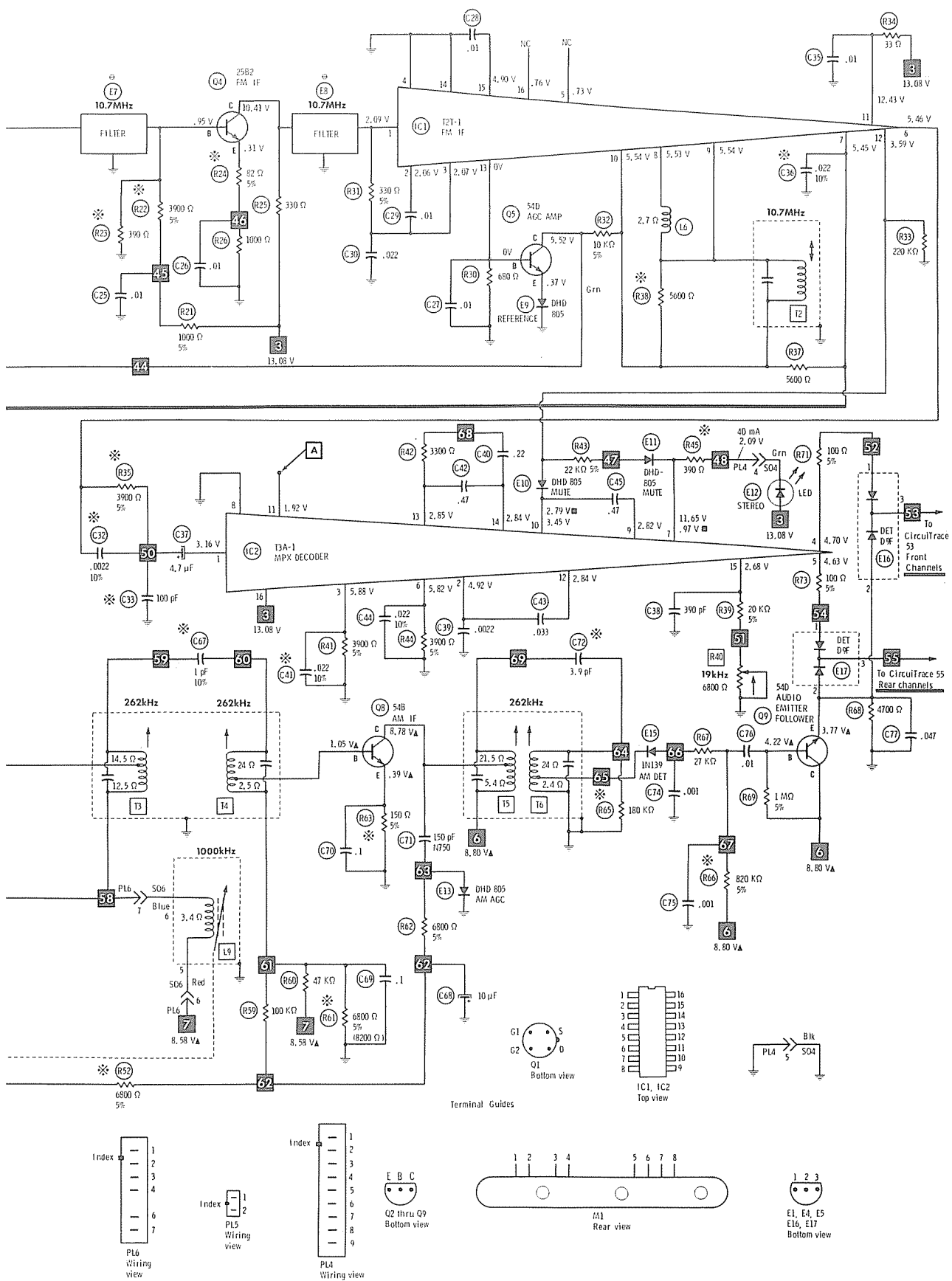
A PHOTOFAC STANDARD NOTATION SCHEMATIC
WITH **CIRCUITAGE**

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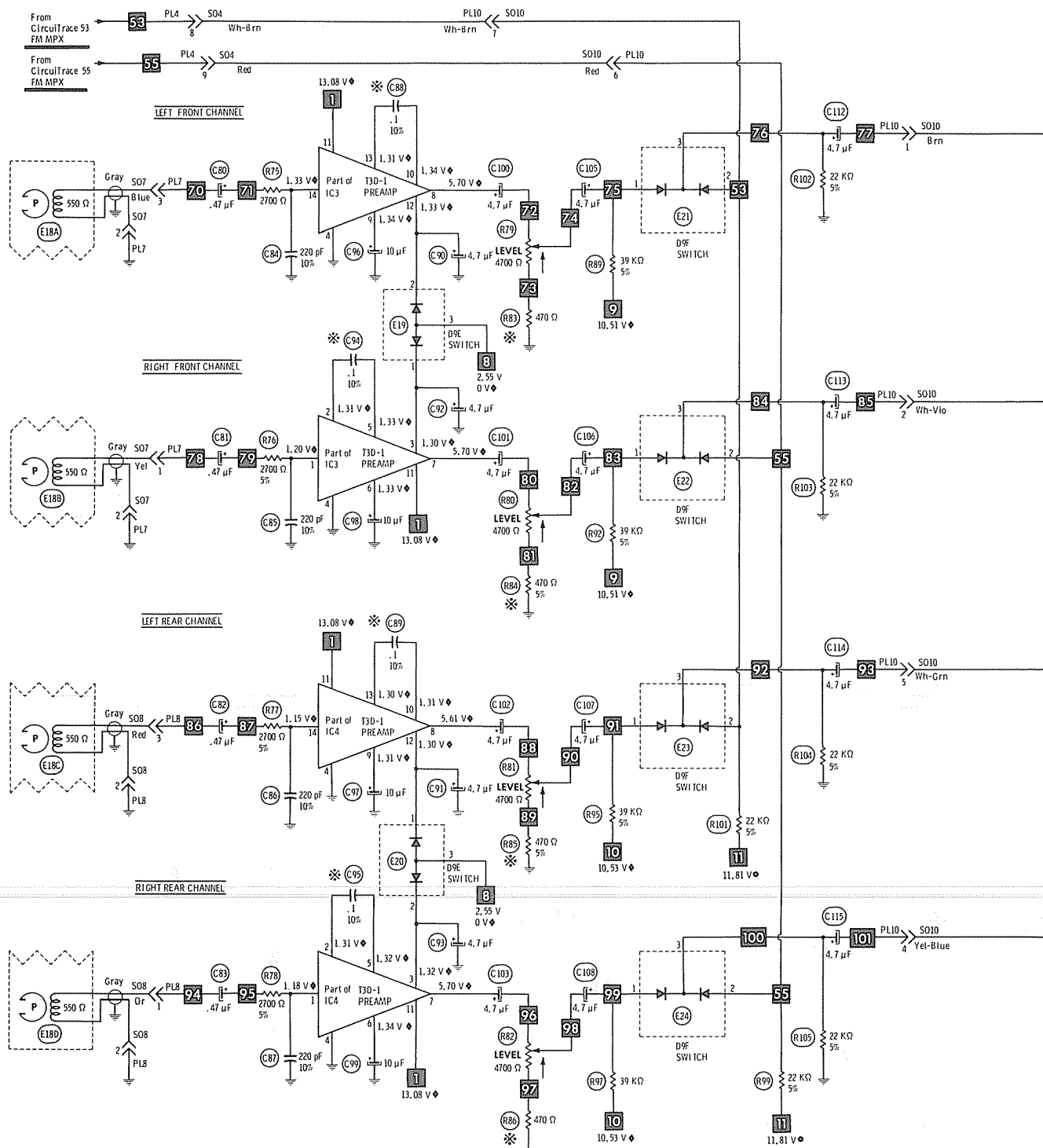
Measurements with switching as shown unless noted:

■ 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.



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

A PHOTOFACT STANDARD NOTATION SCHEMATIC

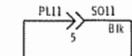
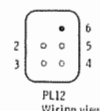
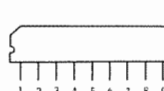
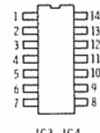
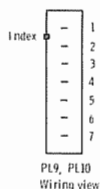
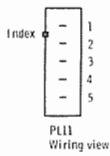
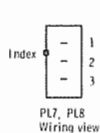
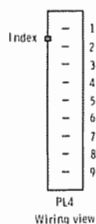
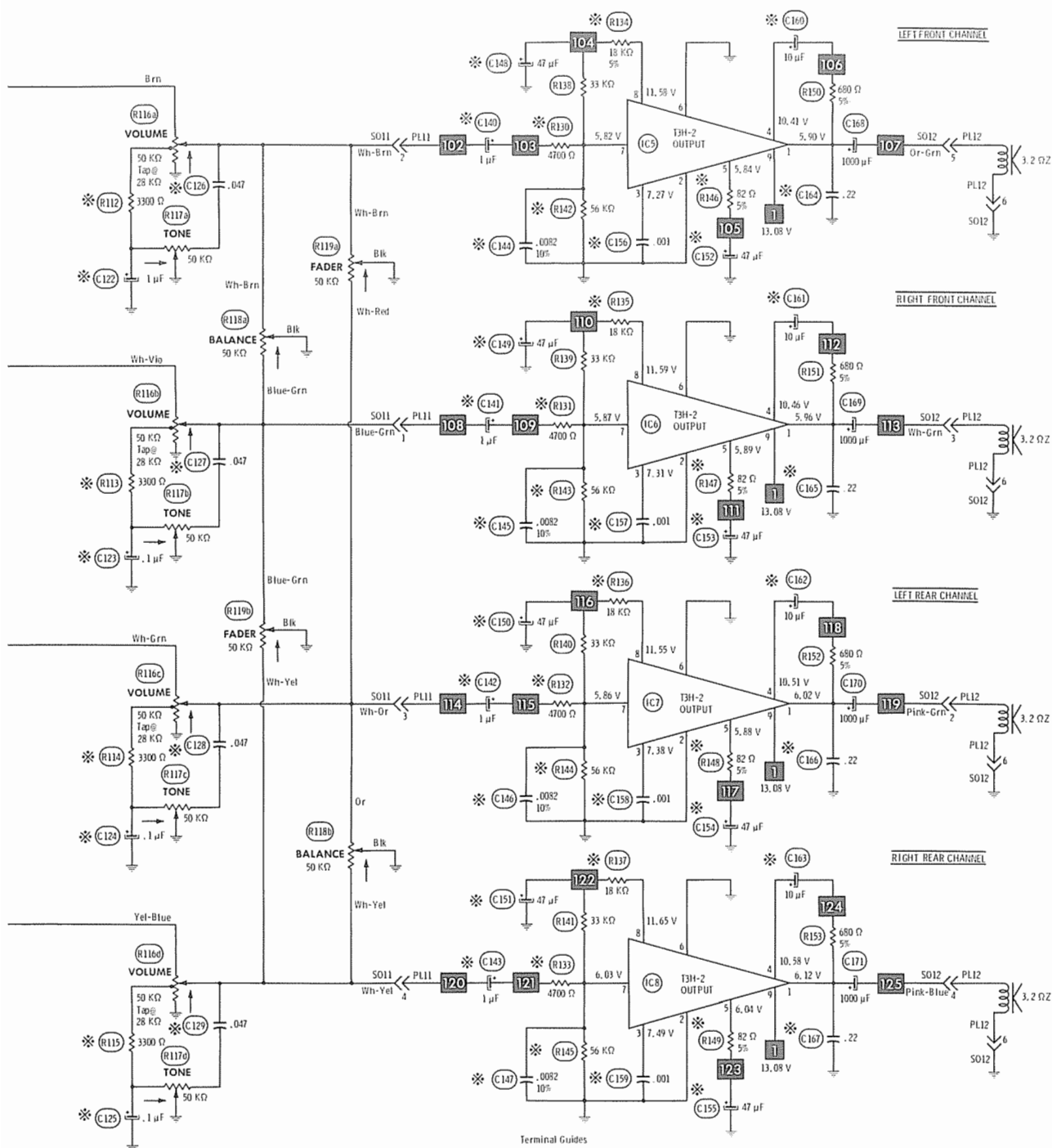
WITH CIRCUITRACE

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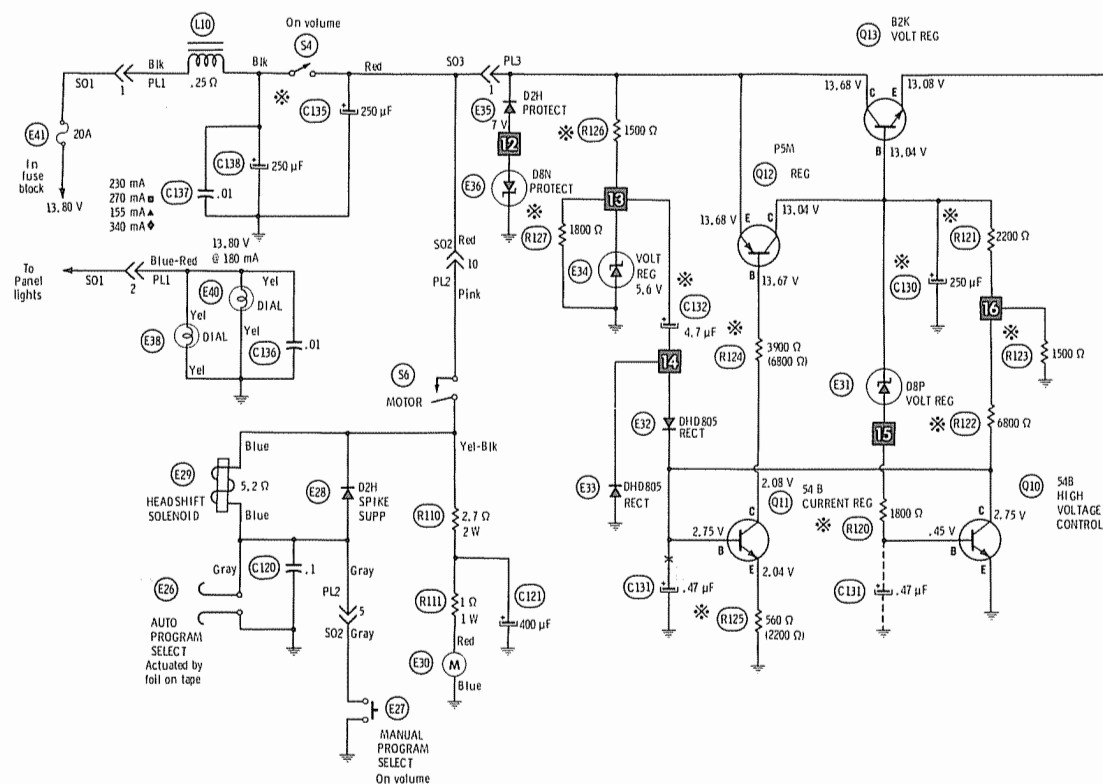
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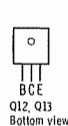
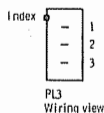
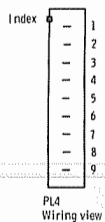
Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow at control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 10% unless noted.
 Value in () used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



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

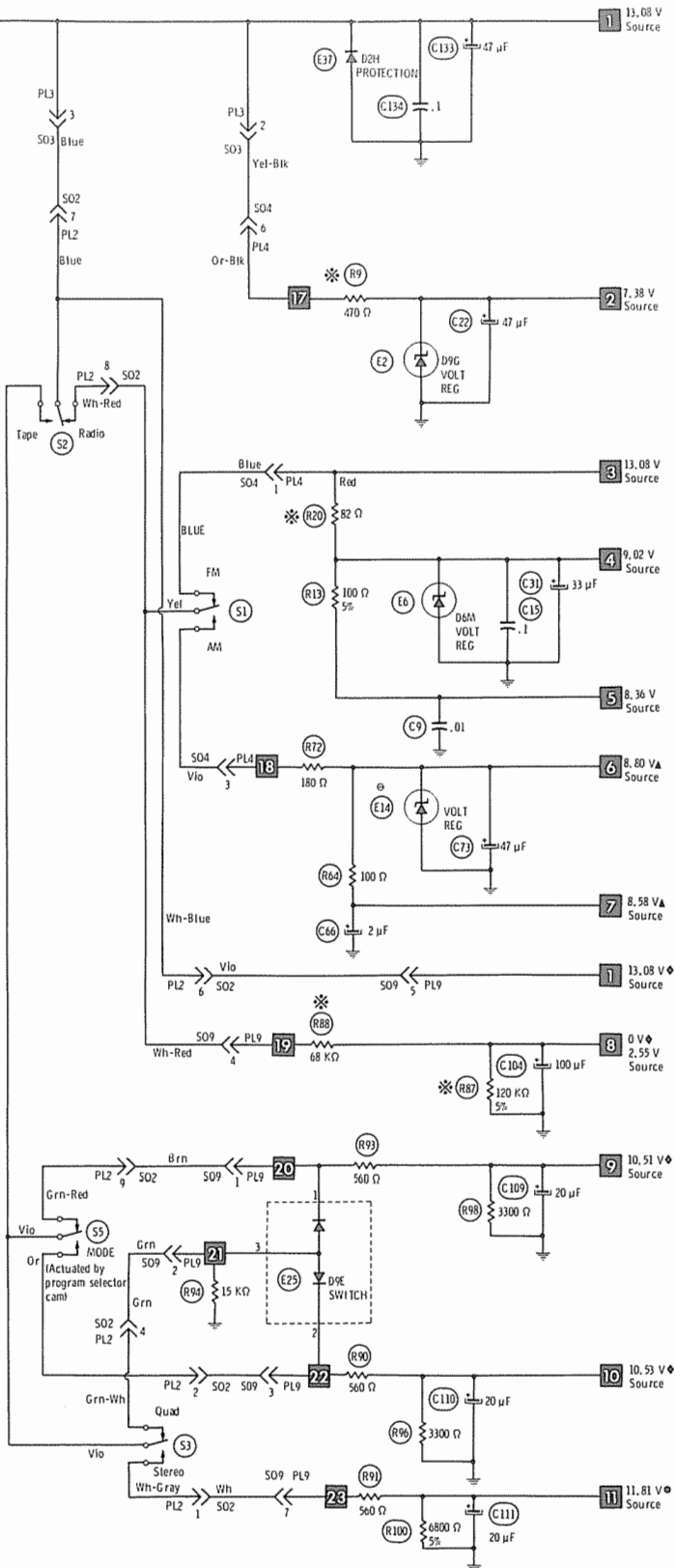
A PHOTOFAC STANDARD NOTATION SCHEMATIC
WITH **CIRCUITRACE**

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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.



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	D9G	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	D9F	48-137606								
E19	D9E	48-137605								
E20	D9E	48-137605								
E21	D9F	48-137606								
E22	D9F	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			ZB13B		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	D2H	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			PTC767					
IC2	T3A-1	51-10711A01	GEIC-32		PTC729		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	ECT123A
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				
		MFGR. PART No.	CORNELL- DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
C5	22 16V	23-43582B09	PC50-16	TDC226M015FL	SD15-229	
C22	47 10V	23-42674B23		VTT47D16	EV-1226	
C31	33 10V	23-42582B01		TDC336M010FL	SD10-339	
C37	4.7 35V	23-42582B13		TDC475M035FL	SD35-4R79	
C52	2 10V	23-43280A02	WBR10-25 PC50-16	TDC225M035FL	SD35-2R29	
C66	2 10V	23-43280A02		TDC225M035FL	SD35-2R29	
C68	10 6V	23-43280A34		TT6X10	TVA-1099.87	
C73	47 10V	23-42674B23		VTT47D16	EV-1226	
C80	.47 35V	23-42582B12		TDC474M050EL	SD50-R479	
C81	.47 35V	23-42582B12		TDC474M050EL	SD50-R479	
C82	.47 35V	23-42582B12		TDC474M050EL	SD50-R479	
C83	.47 35V	23-42582B12		TDC474M050EL	SD50-R479	
C90	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79	
C91	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79	
C92	4.7 35V	23-42582B13		TDC475M035FL	SD35-4R79	
C93	4.7 16V	23-42674B36		TDC475M035FL	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	SD35-4R79	
C101	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79	

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			
		MFGR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C102	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79
C103	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79
C104	100 3.5V	23-42582B11		TDC107M010GL	SD4-1009
C105	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79
C106	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79
C107	4.7 16V	23-42674B36		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	23-42674B36		TDC475M035FL	SD35-4R79
C113	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79
C114	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79
C115	4.7 16V	23-42674B36		TDC475M035FL	SD35-4R79
C121	400 16V	23-42674B10	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	23-42674B36		TDC475M035FL	SD35-4R79
C133	47 25V	23-42674B45	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	23-42674B28	WBR1-50	TT15X1	TVA-1140
C141	1 16V	23-42674B28	WBR1-50	TT15X1	TVA-1140
C142	1 16V	23-42674B28	WBR1-50	TT15X1	TVA-1140
C143	1 16V	23-42674B28	WBR1-50	TT15X1	TVA-1140
C148	47 10V	23-42674B23	PC50-16	VTT47D16	EV-1226
C149	47 10V	23-42674B23	PC50-16	VTT47D16	EV-1226
C150	47 10V	23-42674B23	PC50-16	VTT47D16	EV-1226
C151	47 10V	23-42674B23	PC50-16	VTT47D16	EV-1226
C152	47 25V	23-42674B45	PC50-25	VTT47E25	EV-1326
C153	47 25V	23-42674B45	PC50-25	VTT47E25	EV-1326
C154	47 25V	23-42674B45	PC50-25	VTT47E25	EV-1326
C155	47 25V	23-42674B45	PC50-25	VTT47E25	EV-1326
C160	10 16V	23-42674B31	WBR10-25	TT15X10	TVA-1145
C161	10 16V	23-42674B31	WBR10-25	TT15X10	TVA-1145
C162	10 16V	23-42674B31	WBR10-25	TT15X10	TVA-1145
C163	10 16V	23-42674B31	WBR10-25	TT15X10	TVA-1145
C168	1000 10V	23-42674B42	WBR1000-16	TC1210D	TVA-1128
C169	1000 10V	23-42674B42	WBR1000-16	TC1210D	TVA-1128
C170	1000 10V	23-42674B42	WBR1000-16	TC1210D	TVA-1128
C171	1000 10V	23-42674B42	WBR1000-16	TC1210D	TVA-1128

FORD/LINCOLN MODELS 1FD4602, 1LN4606

CAPACITORS

ITEM No.	RATING	MFGR. 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 H220 5%	21-43539A66			*	10TCR-Q10
C13	1.5 NPO		DTZ-1R5	NP01P5	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	EWFA1A122	1PB-S22
C32	.0022 10%	8-42208B24		CD20FD912J03	SX291	
C33	100 10%	21-43538A50				
C34	.022 10%			DPMS2S22	EWFA1A122	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%	21-40367A33		DPMS2S22	EWFI1A122	1PB-S22
C38	390 5%	8-42208B24				
C39	.0022 10%	21-41680A23	UK-224		MAG3022	
C40	.22 3V			DPMS2S22	EWFI1A122	1PB-S22
C41	.022 10%				MAG3047	
C42	.47 3V	21-41680A24	UK-474		M192P3339R8	192P3339R8
C43	.033	8-42208B20		DPMS2S22	EWFI1A122	1PB-S22
C44	.022 10%				MAG3047	
C45	.47 3V	21-41680A24	UK-474			
C50	25-150	20-40746A27				
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	EWFI1A122	1PB-S22
C61	.0068 10%			WMF1D68	EWFI1A268	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	EWFI1A268	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			DPMS6D1	EWFI1A210	1PB-D10
C75	.001			DPMS6D1	EWFI1A210	1PB-D10
C76	.01			WMF1S1	EWFI1A110	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	8-41719B48				
C136	.01		UK12-104		MAG1201	TG-S10
C137	.01		DC-103	MGP01	TA110	TG-S10
C144	.0082 10%		DC-103	MGP01	TA110	TG-S10
C145	.0082 10%			WMF1D82	EWFI1A282	1PB-D82
C146	.0082 10%			WMF1D82	EWFI1A282	1PB-D82
C147	.0082 10%			WMF1D82	EWFI1A282	1PB-D82
C156	.001	8-42208B08		DPMS6D1	EWFI1A210	1PB-D82
C157	.001	8-42208B08		DPMS6D1	EWFI1A210	
C158	.001	8-42208B08		DPMS6D1	EWFI1A210	
C159	.001	8-42208B08		DPMS6D1	EWFI1A210	
C164	.22 12V		UK12-204		MAG12022	HY-370
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 1LN4606 only.

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA			
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT 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.
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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.	TRW 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.

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)
L2	FM Ant	24-40139E01			(2) Part of T3
L3	FM RF	24-40141E01			(3) Part of T5
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			

FORD/LINCOLN MODELS 1FD4602, 1LN4606

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