

MA(P) 2124 09514 00
CHANGE 1

ILLUSTRATED PARTS BREAKDOWN

HF -SS r. RADIO SET RT 936/PRC ^{as} 174

THIS MANUAL SUPERSEDES MAINTENANCE MANUAL
MA(P)-2124-09514-00 DATED DECEMBER 1982.

JANUARY 1987

SECTION II
MAINTENANCE PARTS LIST

MA(P)-2124-09514-00

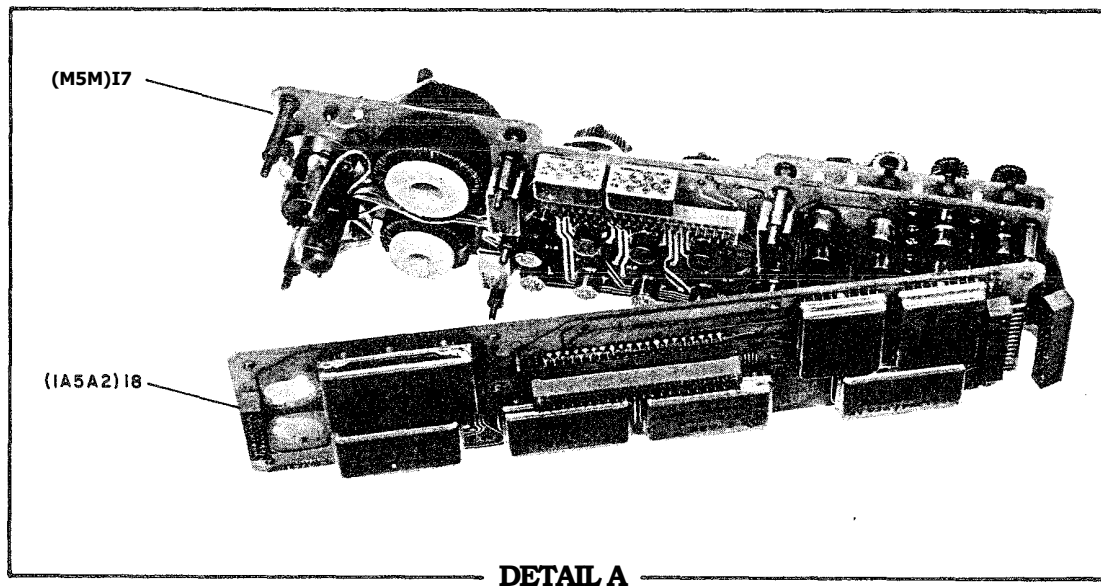
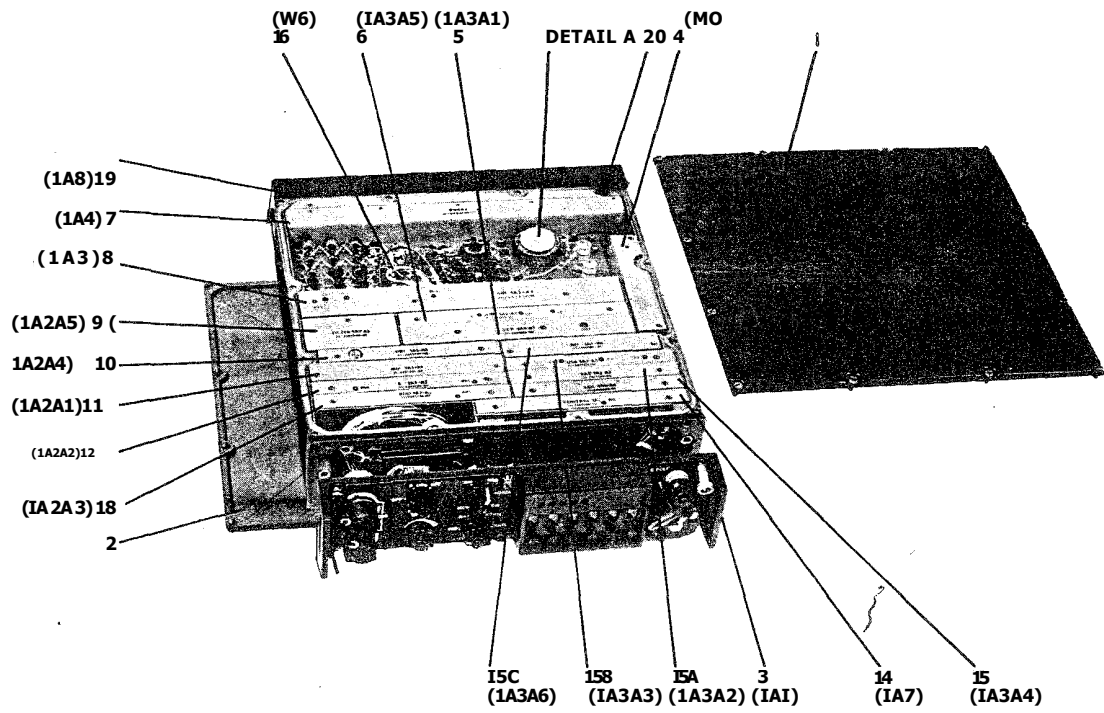
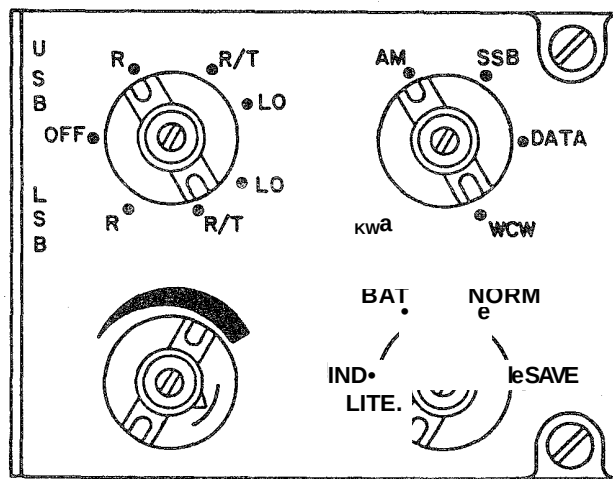
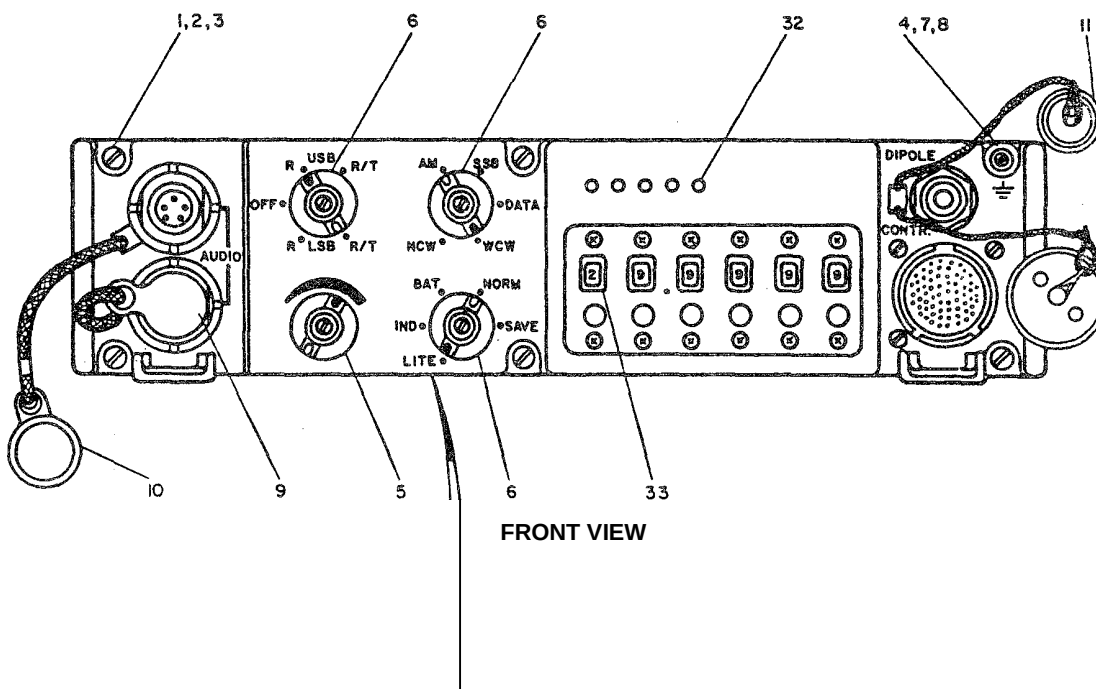


Figure 1. Receiver Transmitter RT-936/PRC

FIGURE & INDEX	PART NUMBER	D E S C R I P T I O N 1234567	UNITS PER ASSY	MFR CODE
1	2124-09040-00	REC. TRANS. RT-936/PRC (REV.H)	REF	
	2124-09044-00	REC. TRANS. RT-936/PRC (MODEL-S).....	1	
-1	2124-43410-00	UPPER COVER.....	1	
-2	2124-43420-00	LOWER COVER..... (ATTACHING PARTS)	1	
	2124-44470-00	SCREW--	24	
	2124-39132-00	WASHER..	24	
	2124-39133-00	WASHER, FLAT.....	24	
-3	2124-96370-00	..FRONT PANEL, 1A1(See Figure 2)	1	
-3A	2124-96375-00	..FRONT PANEL 1A1 (MODEL-S)(See Figure 2)...	1	
-4	2124-91600-00	..PA ASSEMBLY, 1A6(See Figure 28)..... (ATTACHING PARTS)	1	
	2124-37790-00	..SCREW, SEAL.....	4	
-5	2124-91720-00	..VCP ASSEMBLY, 1A3A1(See Figure 23).....	1	
-6	2124-91350-00	..SUM ASSEMBLY, 1A3A5(See Figure 22).....	1	
-7	2124-91750-00	POWER SUPPLY ASSEMBLY, 1A4(See Figure 38). (ATTACHING PARTS)	1	
	2124-37790-00	..SCREW, SEAL.....	2	
-8	2124-91530-00	..SNF ASSEMBLY, 1A5A3(See Figure 30).....	1	
-8A	2124-91935-00	..SNF ASSEMBLY, 1A5A3 (MODEL-S)(See Fig. 30)	1	
-9	2124-91253-00	..FILTER ASSEMBLY, 1A2A5(See Figure 21).....	1	
-10	2124-91240-00	..PRE ASSEMBLY, 1A2A4(See Figure 20).....	1	
-11	2124-91210-00	MIXER ASSEMBLY, 1A2A1(See Figure 19)	1	
-12	2124-91220-00	..IF P.C. BOARD ASSEMBLY 1A2A2(See Fig.18).. (ATTACHING PARTS)	1	
-13	2124-91230-00	..AUDIO ASSEMBLY, 1A2A3(See Figure 17).....	1	
-14	2124-91700-00	..CONTROL ASSEMBLY, 1A7(See Figure 12).....	1	
-15	2124-91340-00	..LOL ASSEMBLY, 1A3A4(See Figure 13)....	1	
-15A	2124-91320-00	..VAD ASSEMBLY, 1A3A2(See Figure 14).....	1	
-15B	2124-91330-00	..USB ASSEMBLY, 1A3A3(See Figure 15).. (ATTACHING PARTS)	1	
-15C	2124-91360-00	..REF ASSEMBLY, 1A3A6(See Figure 16).....	1	
-16	2124-93080-00	..CABLE ASSEMBLY (w6).....	1	
-17	2124-91510-00	..MN ASSEMBLY, 1A5A1(See Figure 26).....	1	
-18	2124-95920-00	..LORD PC BOARD ASSEMBLY, 1A5A2 (See Fig.27) (ATTACHING PARTS)	1	
	2124-42160-00	..PIN GUIDE (FOR CONN J3 OF LORD		
	2124-42190-00	..WASHER FLAT(2124-53030-00).....	10	
	MS15795-803			
-19	2124-91805-00	..CHASSIS ASSEMBLY, 1A8(See Figure 10).....	1	
-20	2124-93370-00	..COVER, WHIP ASSEMBLY..... (ATTACHING PARTS)	1	
	MS51959-14B	..SCREW(2124-52086-00).....	1	
	2124-49490-00			

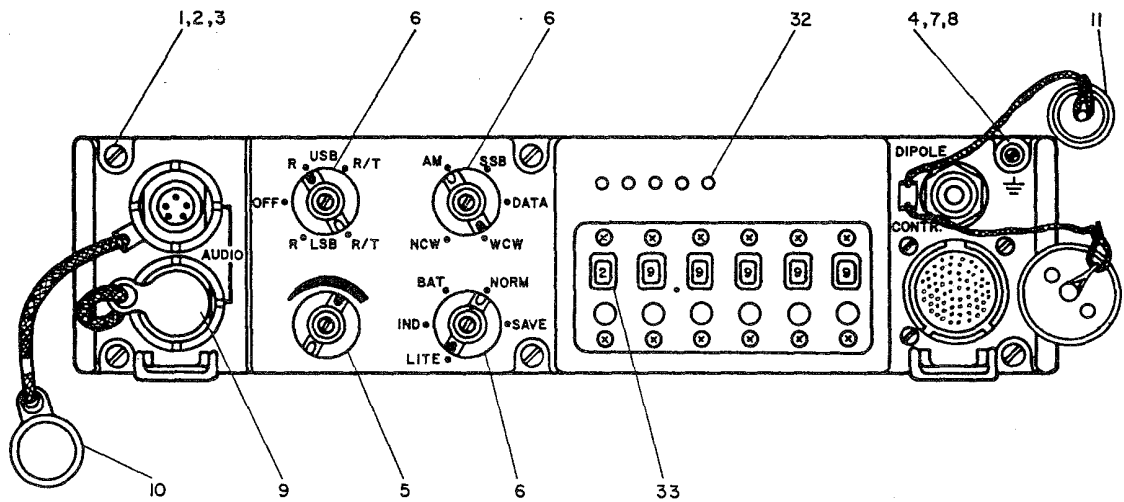
SECTION II
MAINTENANCE PARTS LIST

MA(P)-2124-09514-00

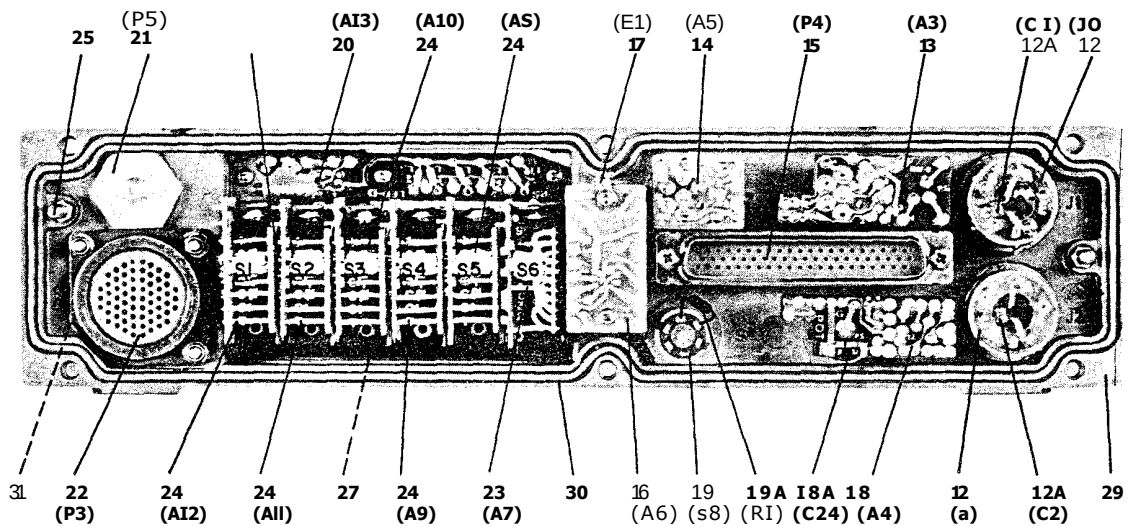


MODEL ° S

Figure 2. Front Panel, 1A1 (Sheet 1 of 2)



FRONT VIEW



REAR VIEW

Figure 2. Front Panel. 1A1 (Sheet 2 of 2)

SECTION II
MAINTENANCE PARTS LIST

MA(P)-2124-09514-00

FIGURE INDEX	PART NUMBER	D E S C R I P T I O N 1234567	UNITS PER ASSY	MFR CODE
2	2124-96370-00	FRONT PANEL (1A1)(REV.A)(See NHA Figure 1)	REF	
	2124-96373-00	FRONT PANEL (1A1)	REF	
-1	2124-44230-00	-SCREW, CAPTIVE	5	
-2	2124-39200-00	..WASHER..049000wo66e.....000.....66000•00	5	
-3	2124-39190-00	..WASHER, FLAT	1	
-4	2124-90280-00	..GROUND SCREW..000000000•••00006000000•0•00	1	
-5	2124-92210-00	-KNOB ASSEMBLY66•6•0000000000••60000000•00 60	1	
-6	2124-41320-00	•0KNOB66000000•0•6•0•00•0000••00•000000•000006	3	
		(ATTACHING PARTS)		
	2124-39020-00	0•SCREW00•••••00000•000000•••••000	4	
	MS35338-136	..WASHER SPR114G(2124-53080-00).....0000•6	4	
	2124-41820-00	6•NUT060 600000000•0000e6••00•00•V a 0000•0000•00	1	
		-----*		
-7	2124-42070-00	..WASHER, FLAT•000006•000000•0006•00000 000000••	6	
-8	2124-39200-00	..WASHER SPRING 000•0••0000000•00•0000000000•00	6	
-9	2124-92700-00	"COVER, AUDIO ASSEMBLY•••••	1	
-10	2124-92950-00	•.00VER, AUDIO ASSEMBLY.....	1	
-11	2124-92960-00	0•OLCHER ASSEMBLY.....	1	
-12	2124-95100-00	..AUDIO FILTER ASSEMBLY 0000450•••••0•••	2	
-12A	2124-12093-00	-CAPACITOR, 10NF000000000000••000000130000•00	1	
-13	2124-95160-00	..MAT ASSEMBLY 1A1A3 (See Figure 7).....	1	
		(ATTACHING PARTS)		
	2124-41820-00	..NUT.....	1	
		-----*		
-13A	2124-95185-00	..MTS PC BOARD ASSEMBLY 1A1A4 (MODEL-S).....	1	
		(See Fig. 6A)		
-14	2124-95460-00	..MOD ASSEMBLY 1A1A5 (See Figure 4).....	1	
		(ATTACHING PARTS)		
	2124-41820-00	..NUT.....	1	
		-----*		
-15	M24308/4-14	..CONNECTOR.....	1	
		(ATTACHING PARTS) ..SCREW(2124-52604-00).....	2	
		-----*		
-16	2124-95140-00	..DOD ASSEMBLY 1A1A6 (See Figure 5)..	2	
		(ATTACHING PARTS)		
	MS51957-3	..SCREW(2124 -52106 -00).....	2	
	MS35338-134	..WASHER SPRING(2124 -53060 -00).....	2	
		-----*		
-17	2124-47050-00	•.LUG.... ooe. es ea a o oemo apes am e oes oaw e caps	1	
-18	2124-95150-00	..POT ASSEMBLY 1A1A4 (See Figure 6).....	1	
		(ATTACHING PARTS)		
	2124-41830-00	..NUT.....	1	
		-----*		
-18A	2124-12163-00	..CAPACITOR, CHIP, 100NF.....	1	
-19	2124-92250-00	SWITCH	1	
		(ATTACHIN3 PARTS)		
	2124-41820-00	a•NUTe•600•0000000•00•6000060600000•0e•Da000	1	
		-----*		

FIGURE & INDEX	PART NUMBER	D E S C R I P T I O N 1234567	UNITS PER ASSY	MFR CODE
2 -19A	RWR81S24R9FM	..RESISTOR FXD, 24.9 OHM(2124-11466-00)		
-20	2124-95170-00	LED ASSEMBLY 1A1A13 (See Figure 3) (ATTACHING PARTS)		
	MS51957-4	..SCREW(2124-52534-00)	3	
	MS35338-134	..WASHER SPRING(2124-53060-00).....	3	
	NAS620C2	..WASHER FLAT(2124-53240-00)...	3	
	2124-44150-00	-WASHER, FLAT	3	
-21	2124-33066-00	..BULKHEAD ADAPTER	1	98291
-22	2124-93140-00	..CONNECTOR	1	
		(ATTACHING PARTS)		
	2124-39180-00	-SCREW	3	
	NAS620C4L	-WASHER FLAT(2124-53320-00)	3	
	2124-51190-00	..NUT	3	
-23	2124-95120-00	-SWITCH FQC-10M ASSY (S6)(See Figure 8) .	1	
724	2124-95130-00	-SWITCH FQC-LP ASSY (S1-S5)(See Figure 9). (ATTACHING PARTS)	5	
	2124-39080-00	..SCREW.....	12	
-25	2124-43950-00	..PIN GUIDE.--	2	
-26	2124-37050-00	-INSULATOR	5	
-27	2124-44020-00	-GASKET	1	
-28	2124-92940-00	..PANEL ASSEMBLY.	1	
-29	2124-49075-00	..PANEL	1	
-30	2124-49250-00	..RUBBER SEAL.	1	
-31	2124-49015-00	..GASKET (FOR P3).....	1	
-32	2124-43930-00	..PLATE (FOR LED ASSY).....	1	
-33	2124-37830-00	-WINDOW (FOR S1-S6)	6	

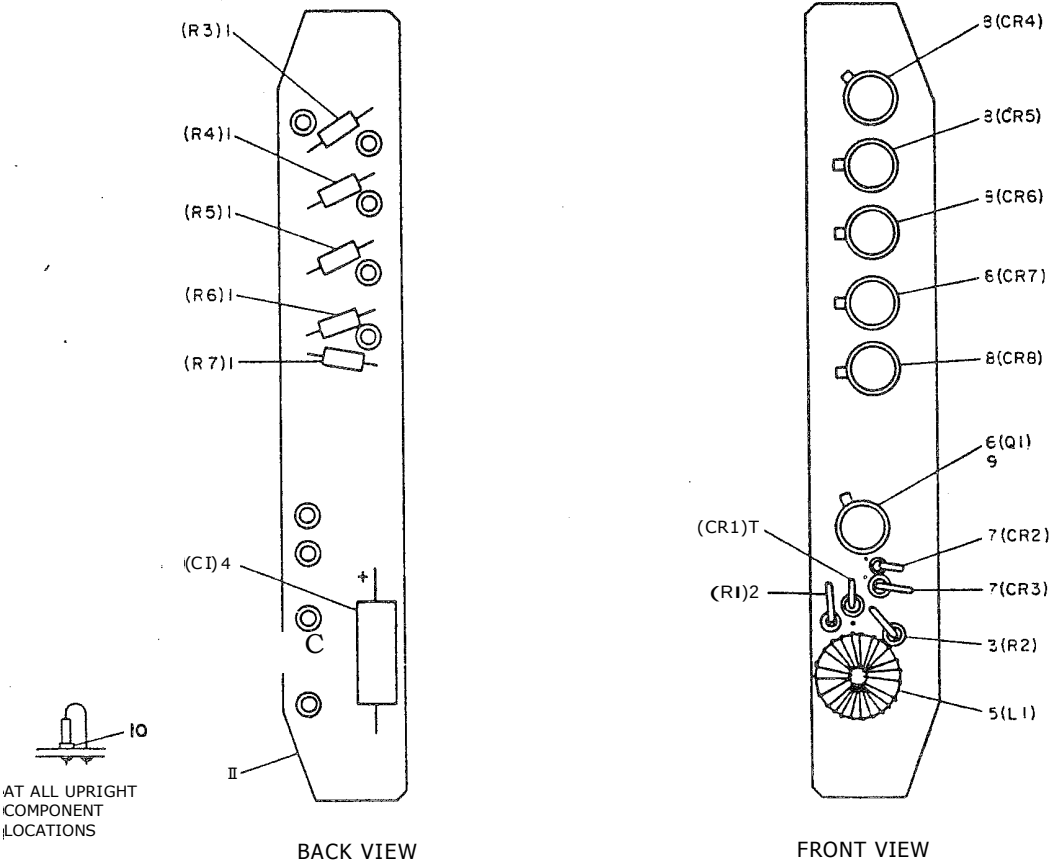


Figure 3. LIED Assembly, 1A1A13

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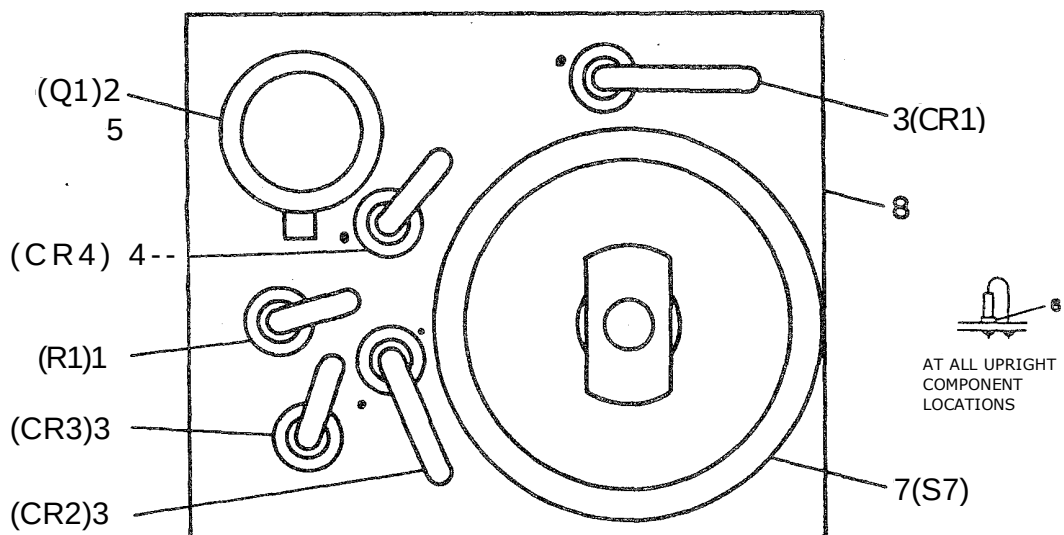
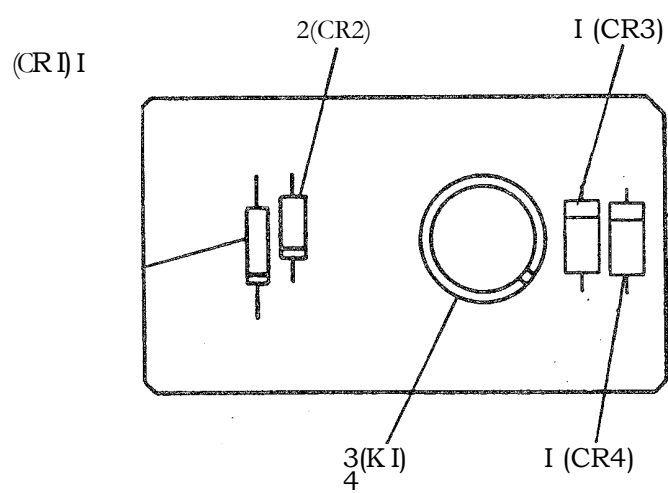


Figure 4. MX Assembly, 1A1A5

SECTION II
MAINTENANCE PARTS LIST

MA(P) 21240951440



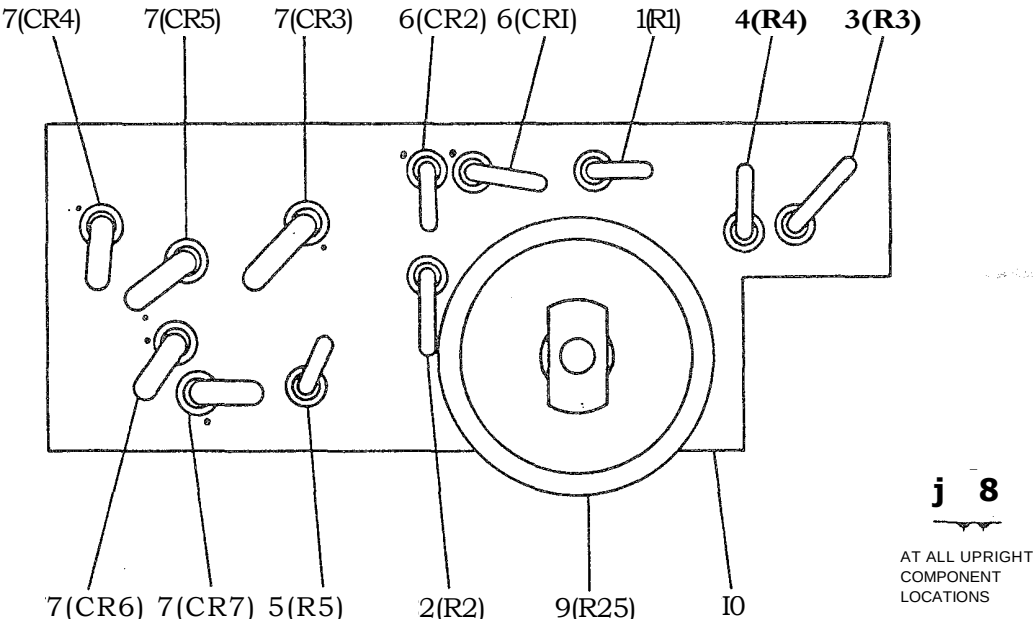


Figure 60 Potentiometer Assembly, 1A1A4

SECTION II
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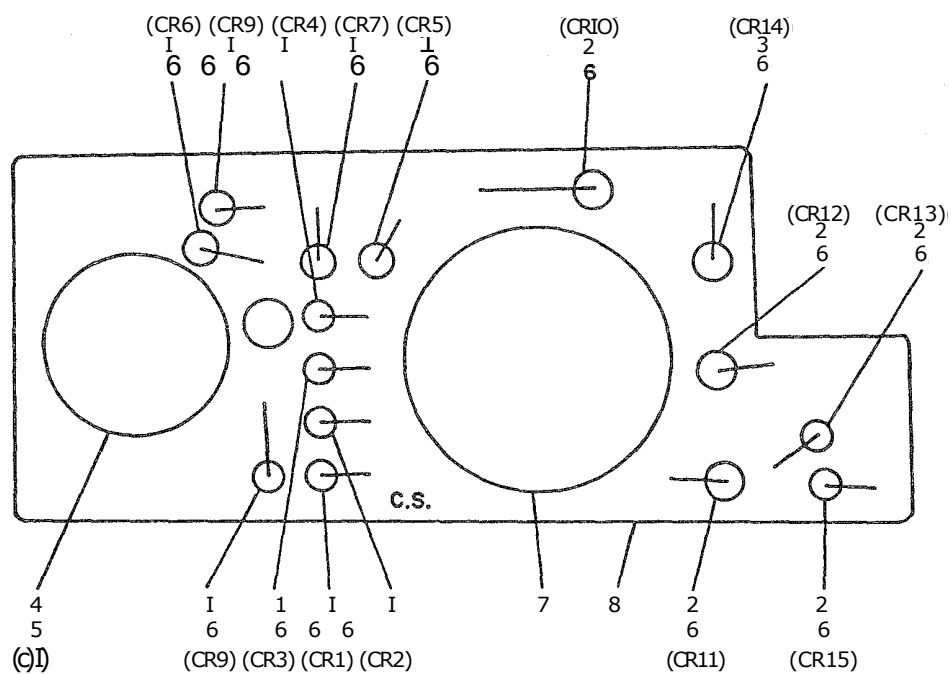


Figure 6A. MTS PC Board Assembly, 1A1A4

SECTION II
MAINTENANCE PARTS LIST

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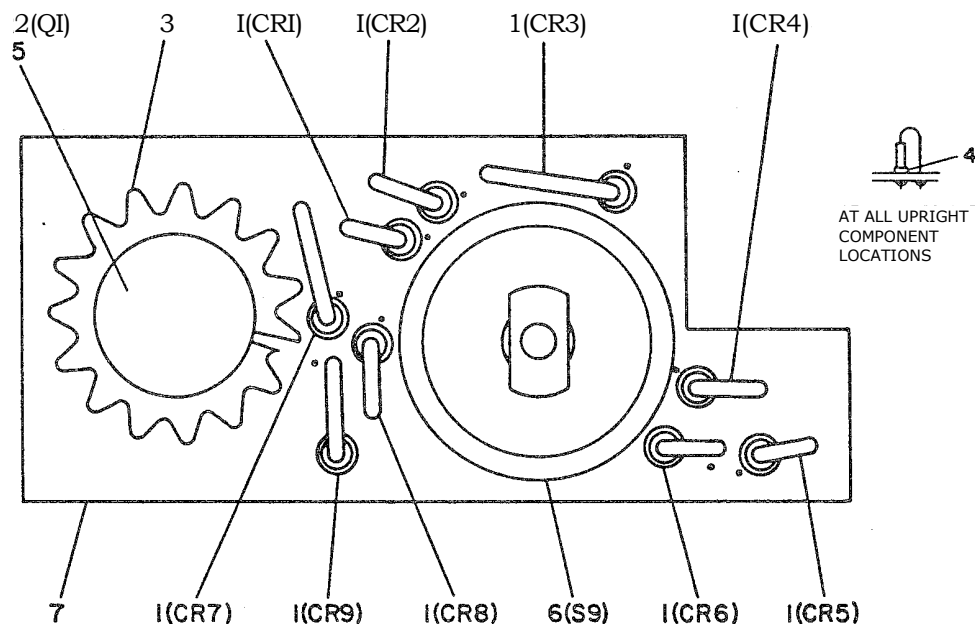


Figure 7. MAT Assembly, 1A1A3

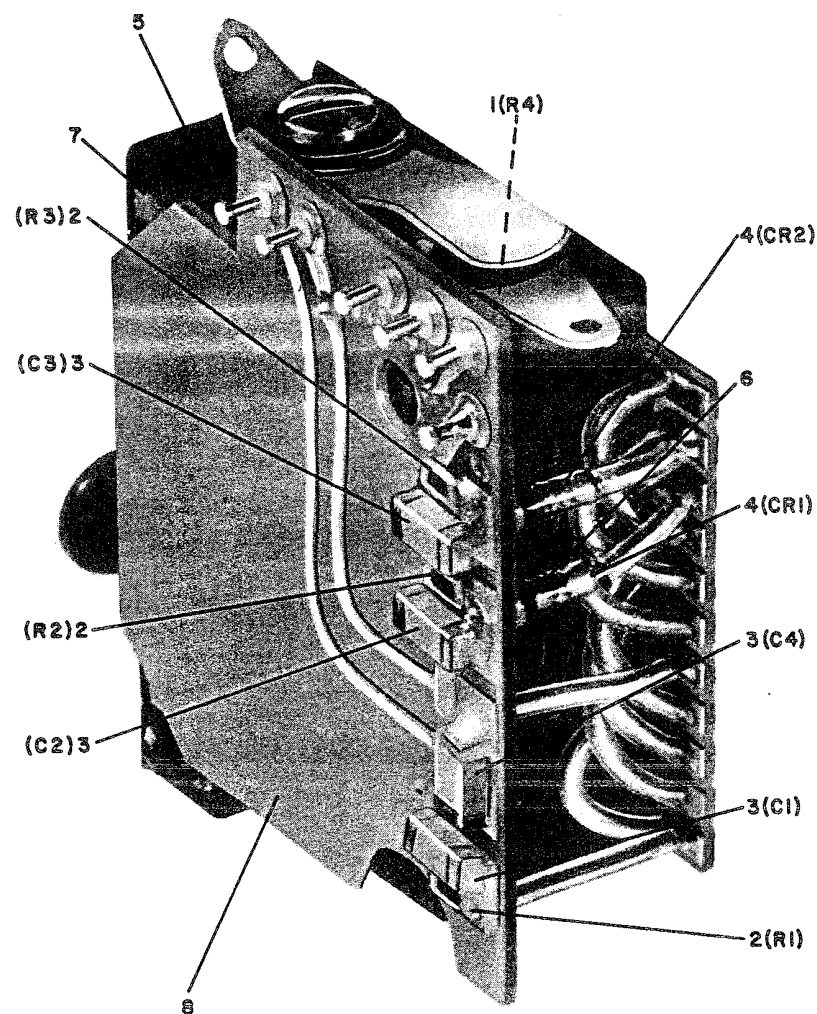


Figure 8. Switch FQC-10M Assembly

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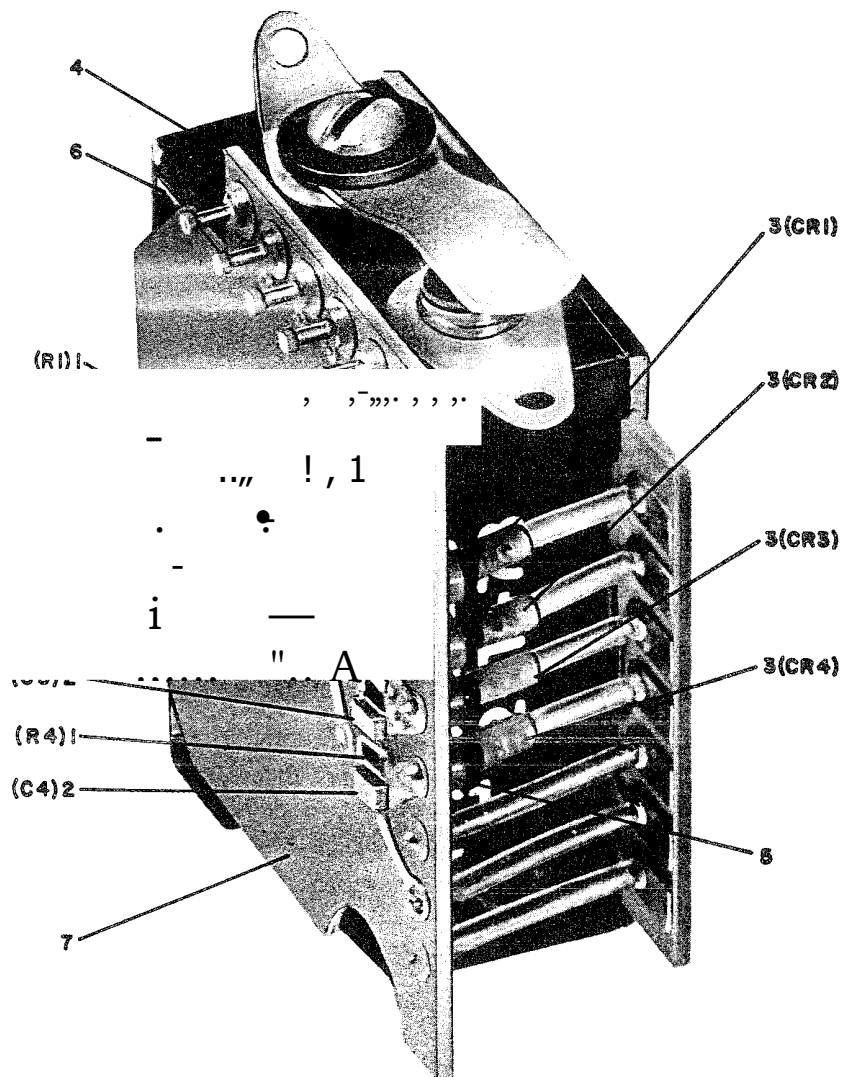


Figure 9. Switch FQC-LP Assembly, 1A1A8

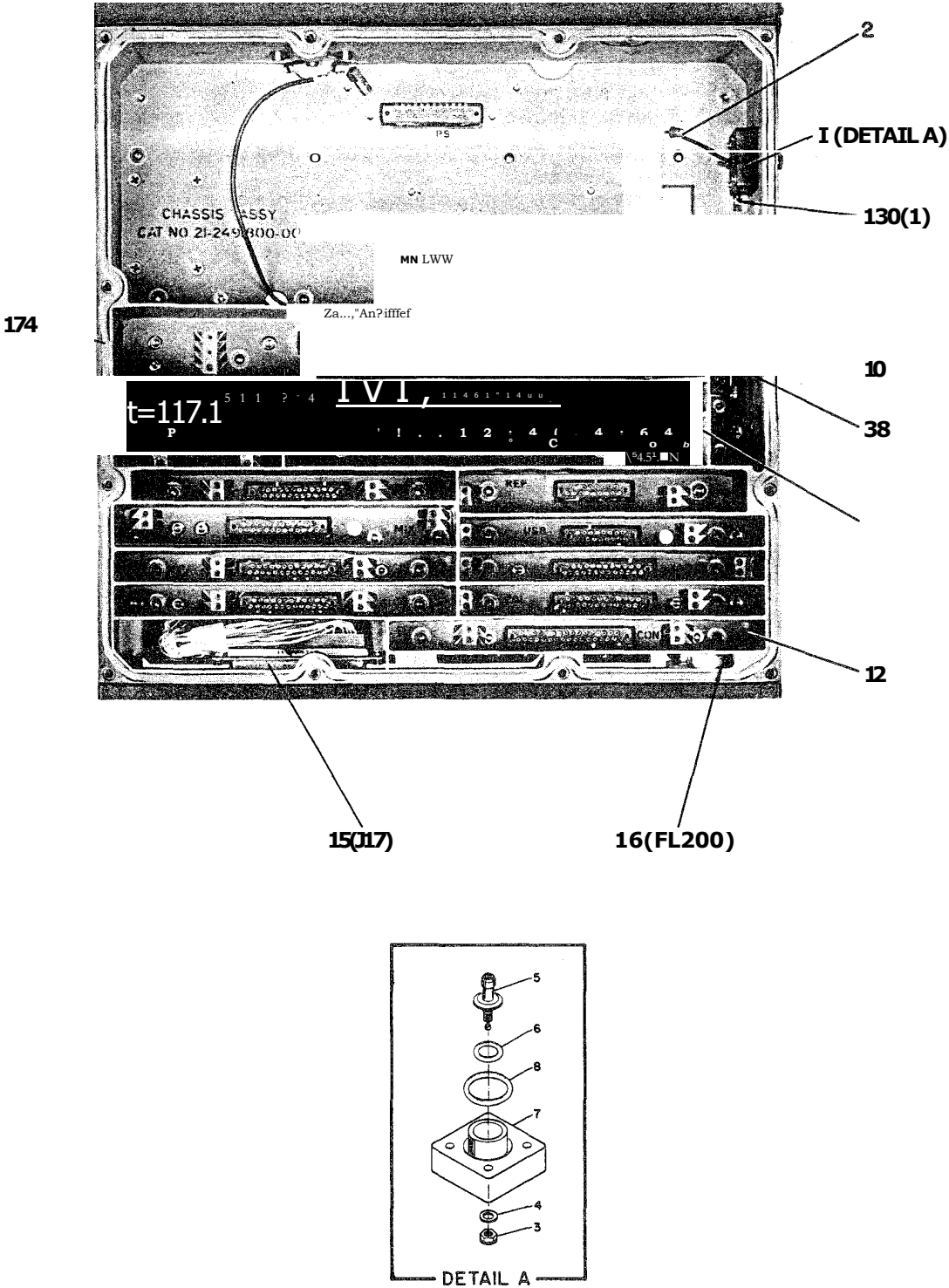


Figure 10. Chassis Assembly, 1A8 (Sheet 1 of 2)

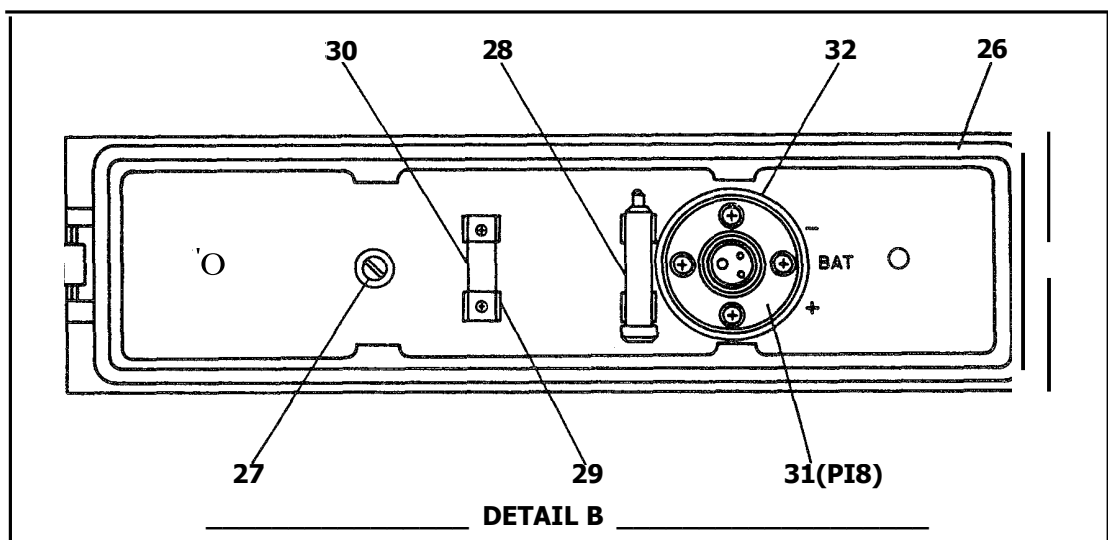
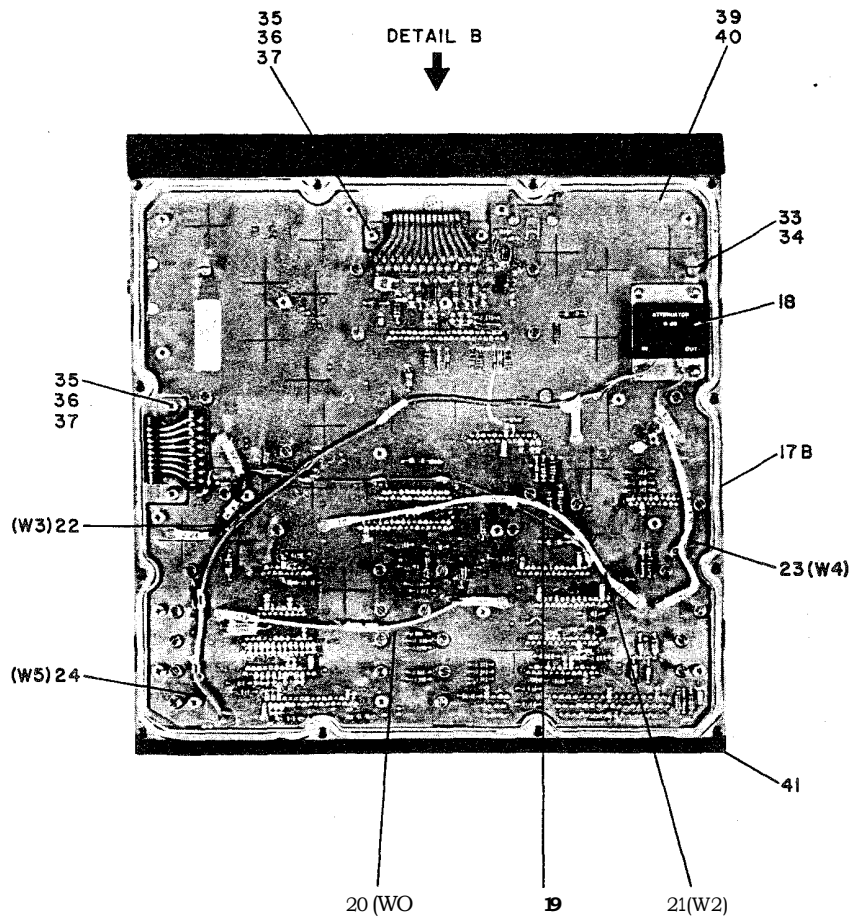


Figure 10, Chassis Assembly, 1A8 (Sheet 2 of 2)

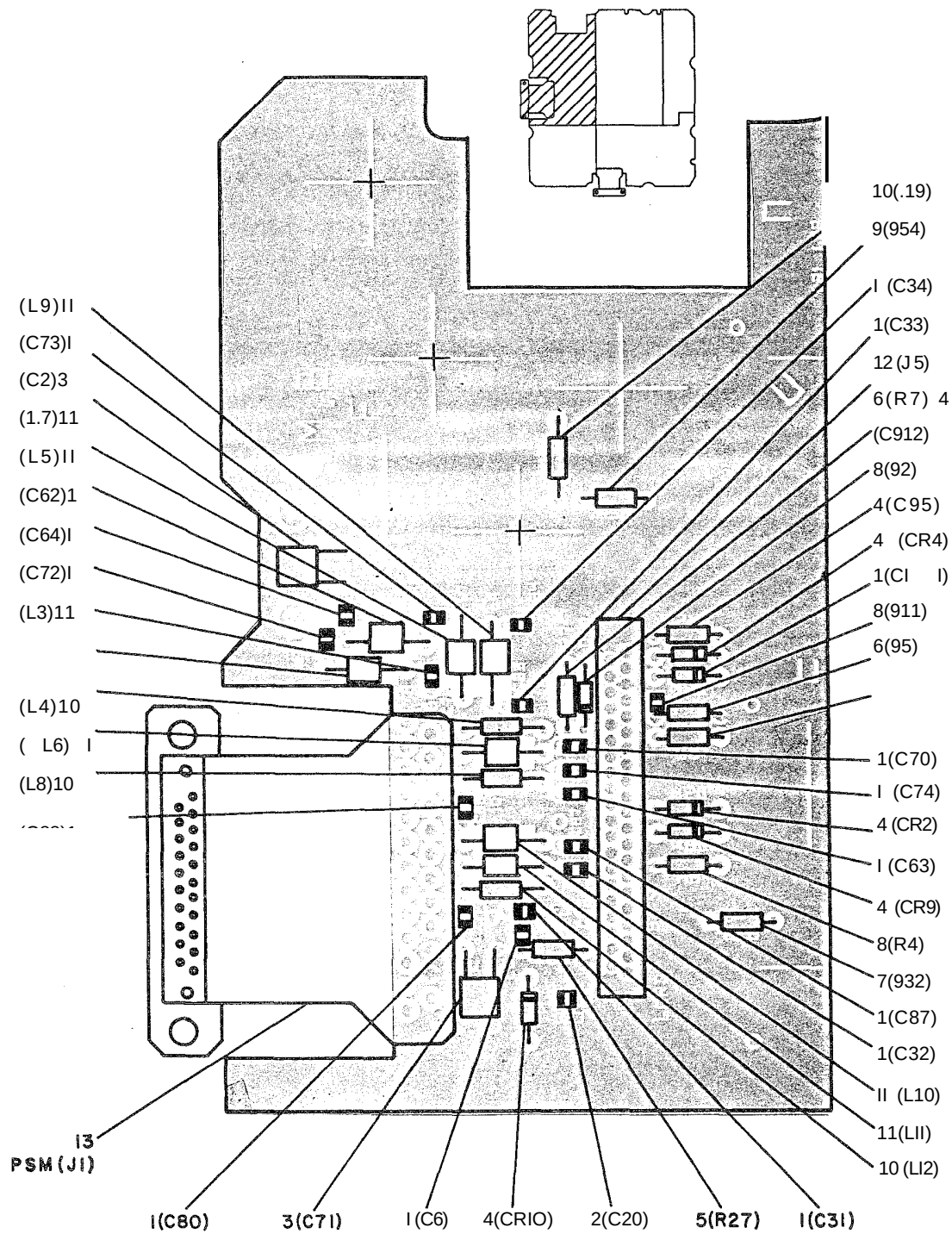


Figure 11. Motherboard Assembly, 1A8A1 (Sheet 1 of 4)

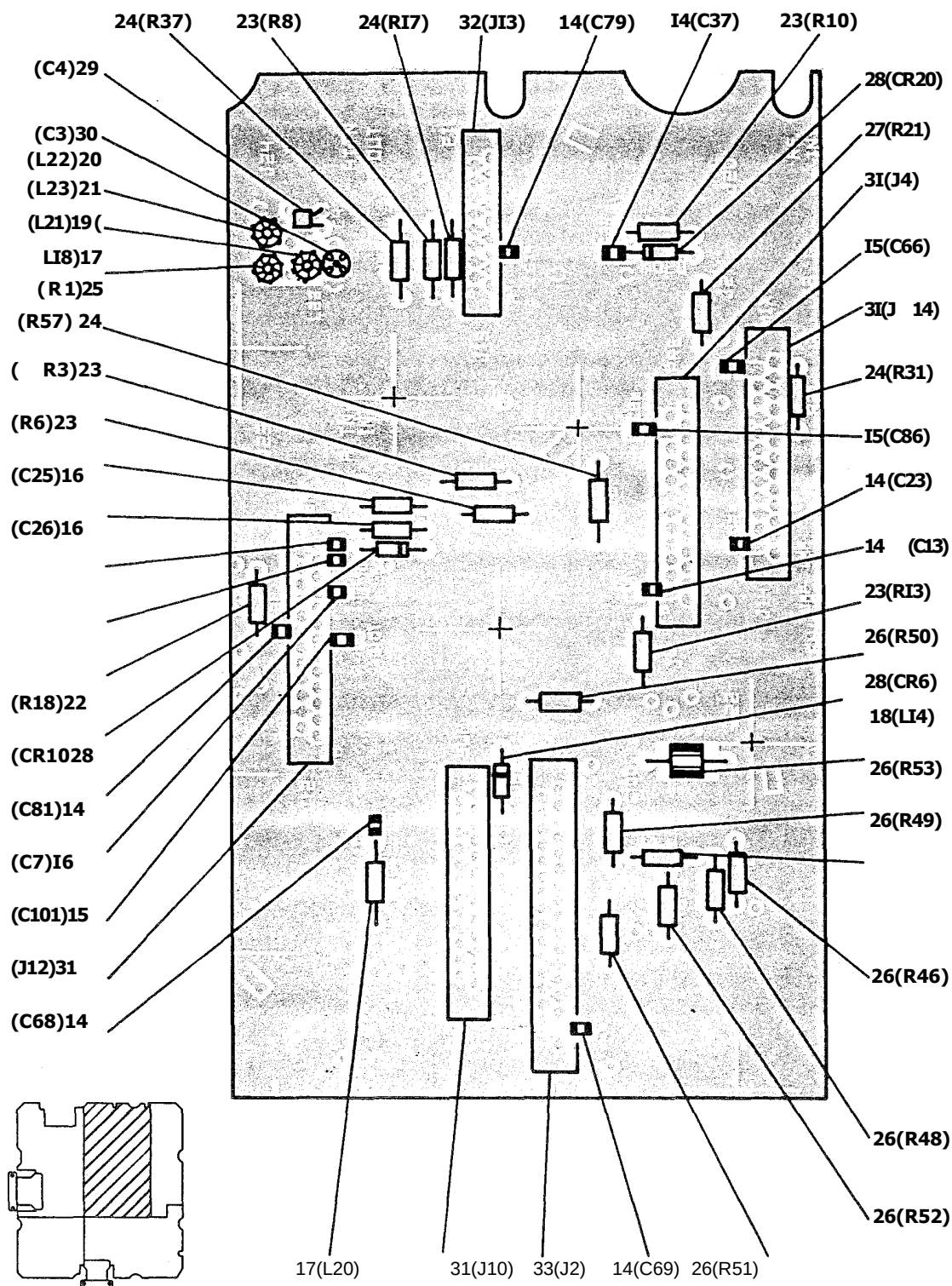


Figure 11, Motherboard Assembly, 1A8A1 (Sheet 2 of 4)

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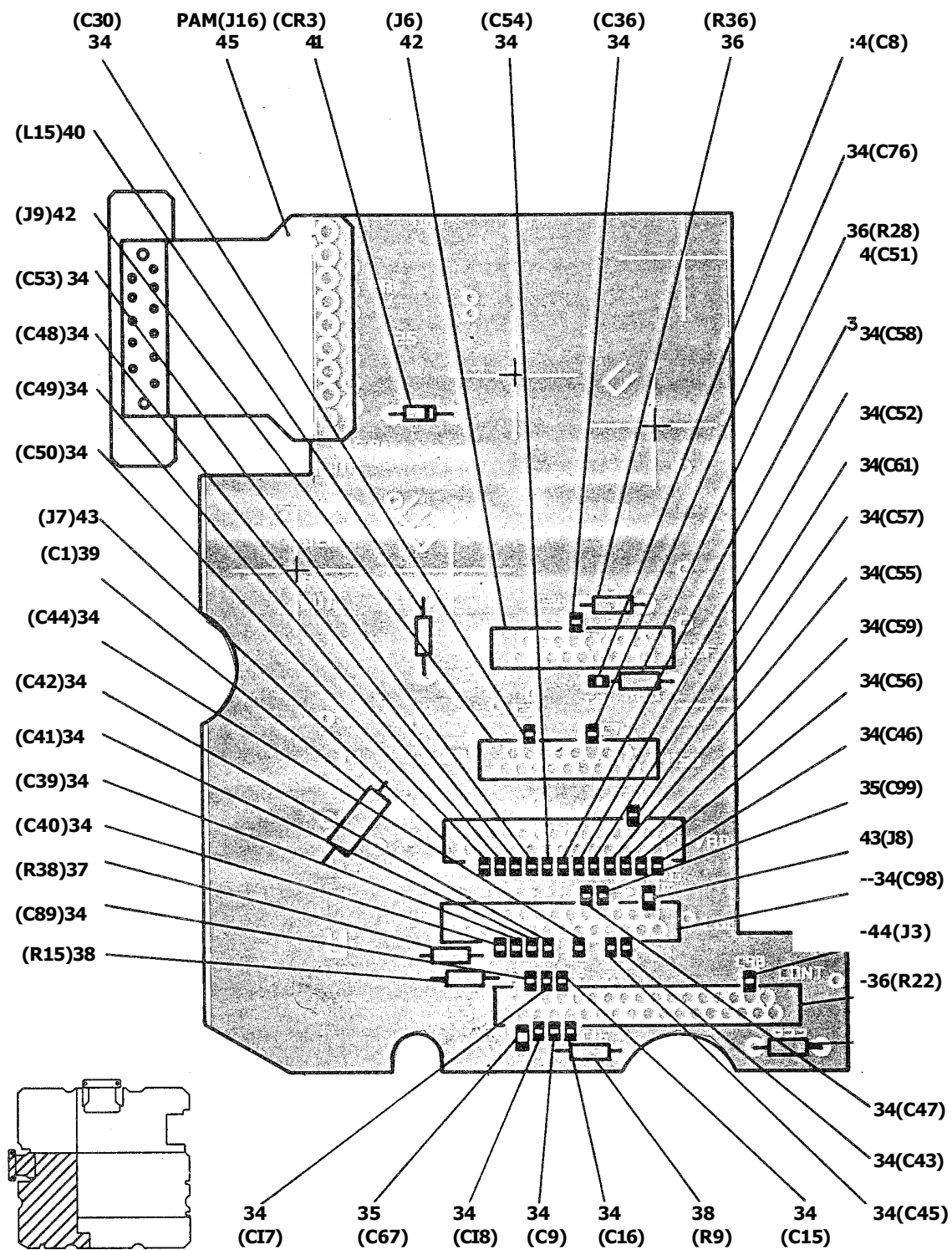


Figure 11. Motherboard Assembly, 1A8A1 (Sheet 3 of 4)

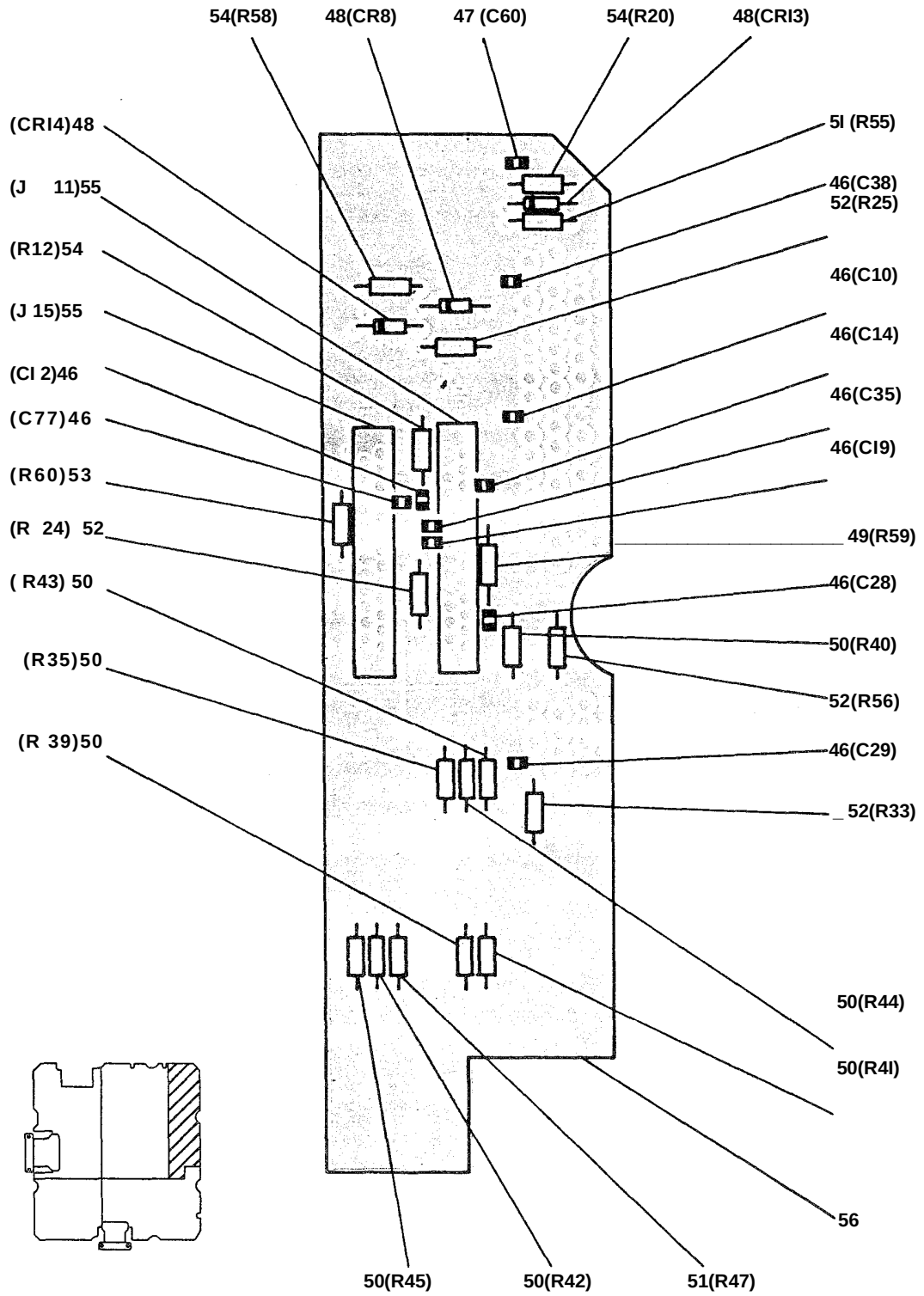


Figure 11. Motherboard Assembly, 1A8A1 (Sheet 4 of 4)

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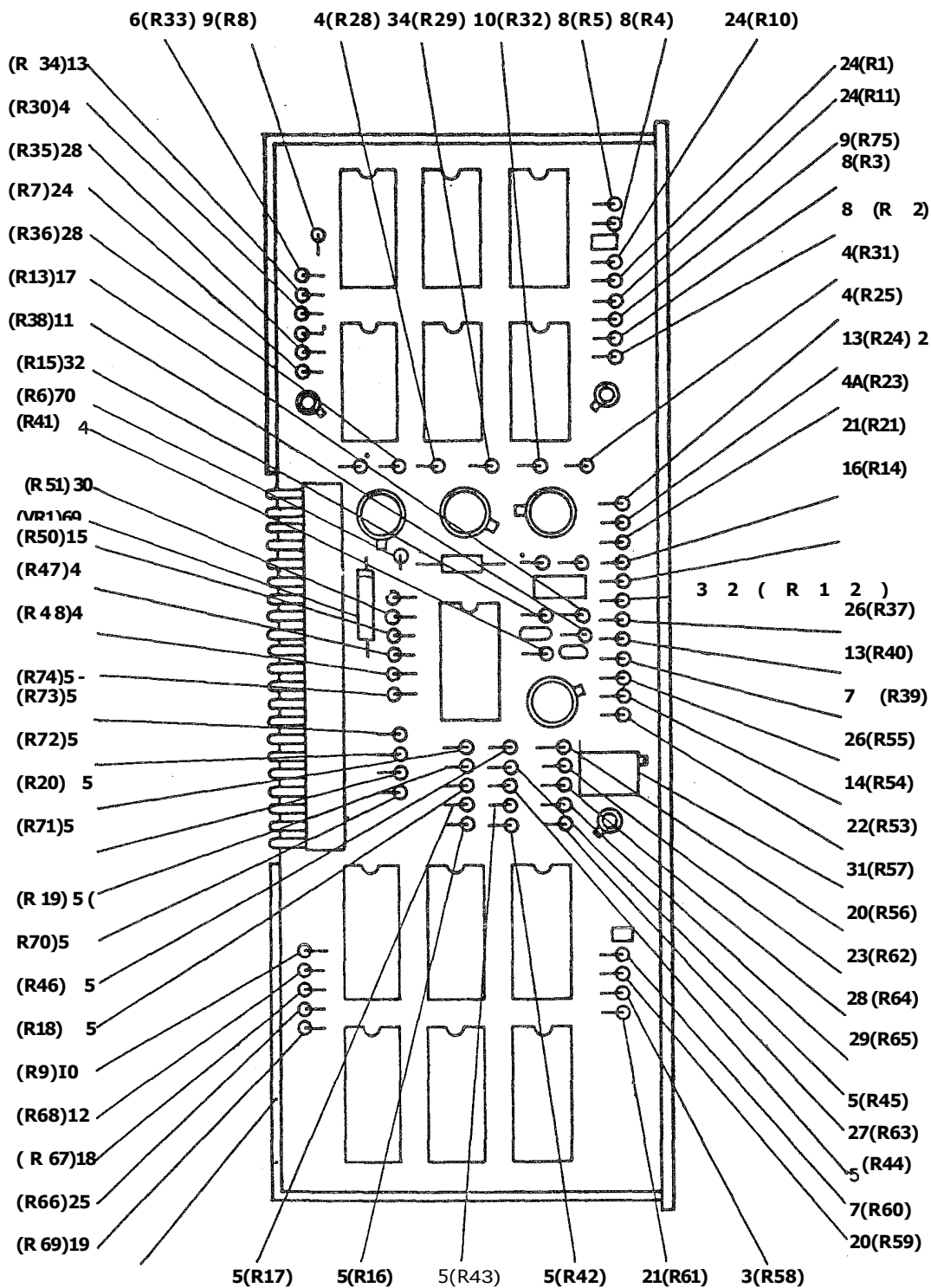
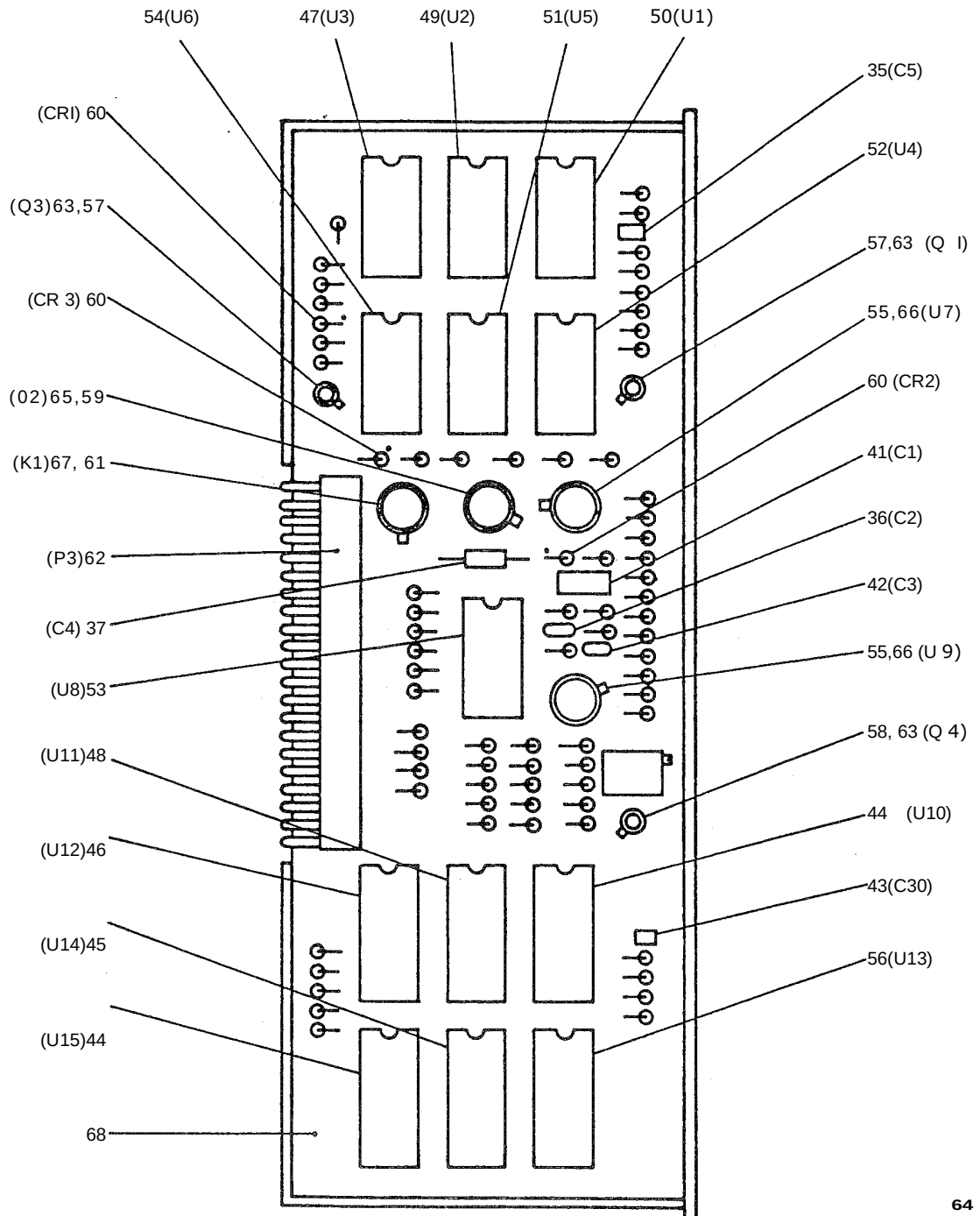


Figure 12. Control Assembly, 1A7 (Sheet 1 of 3)



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AT ALL UPRIGHT
COMPONENT
LOCATIONS

Figure 12. Control Assembly, 1A7 (Sheet 2 of 3)

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MAINTENANCE PARTS LIST

MA(P) 2124 09514 00

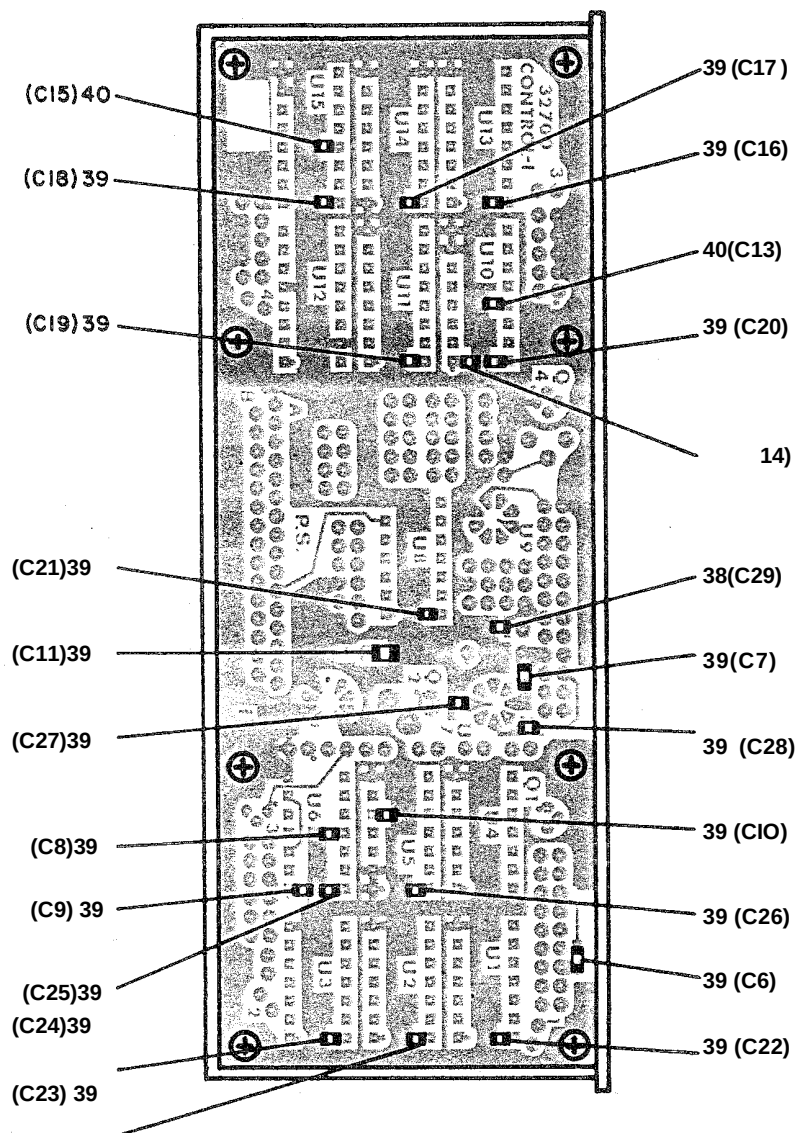


Figure 12, Control Assembly, 1A7 (Sheet 3 of 3)

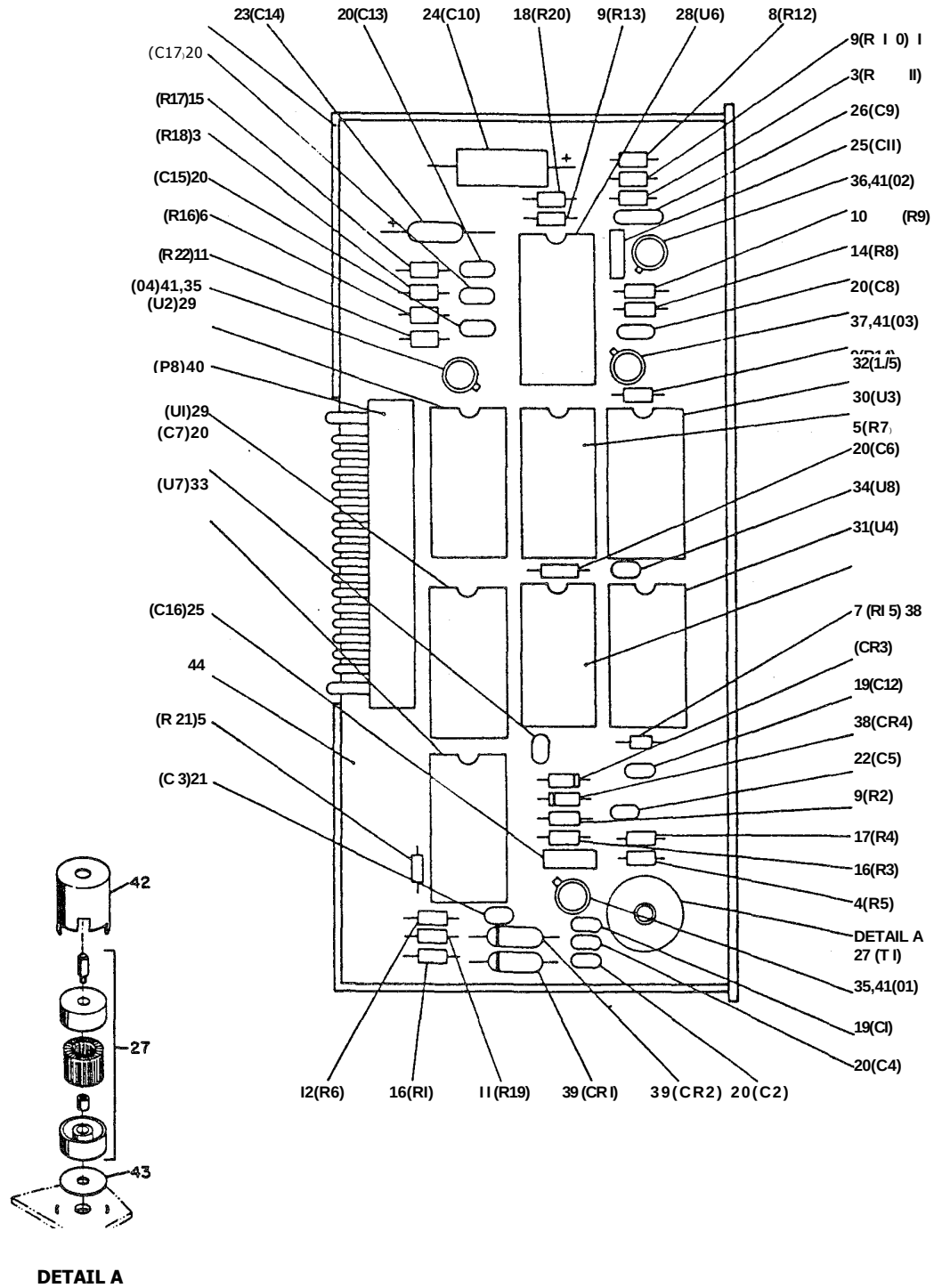


Figure 13 . LOL Assenbly, 1A3A4

SECTION II
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MA(P)-2124-09514-00

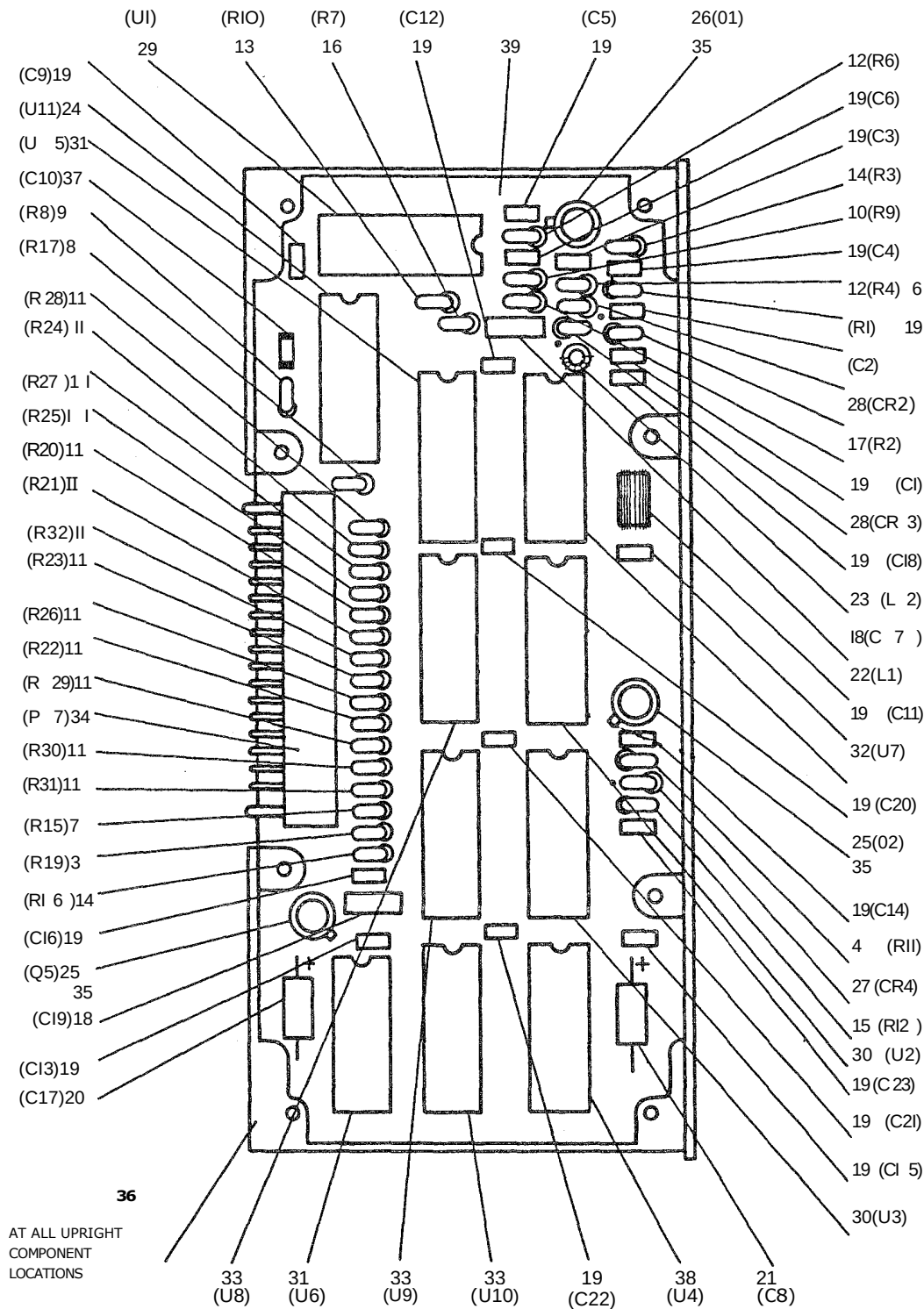


Figure 14. VAD Assembly, 1A3A2

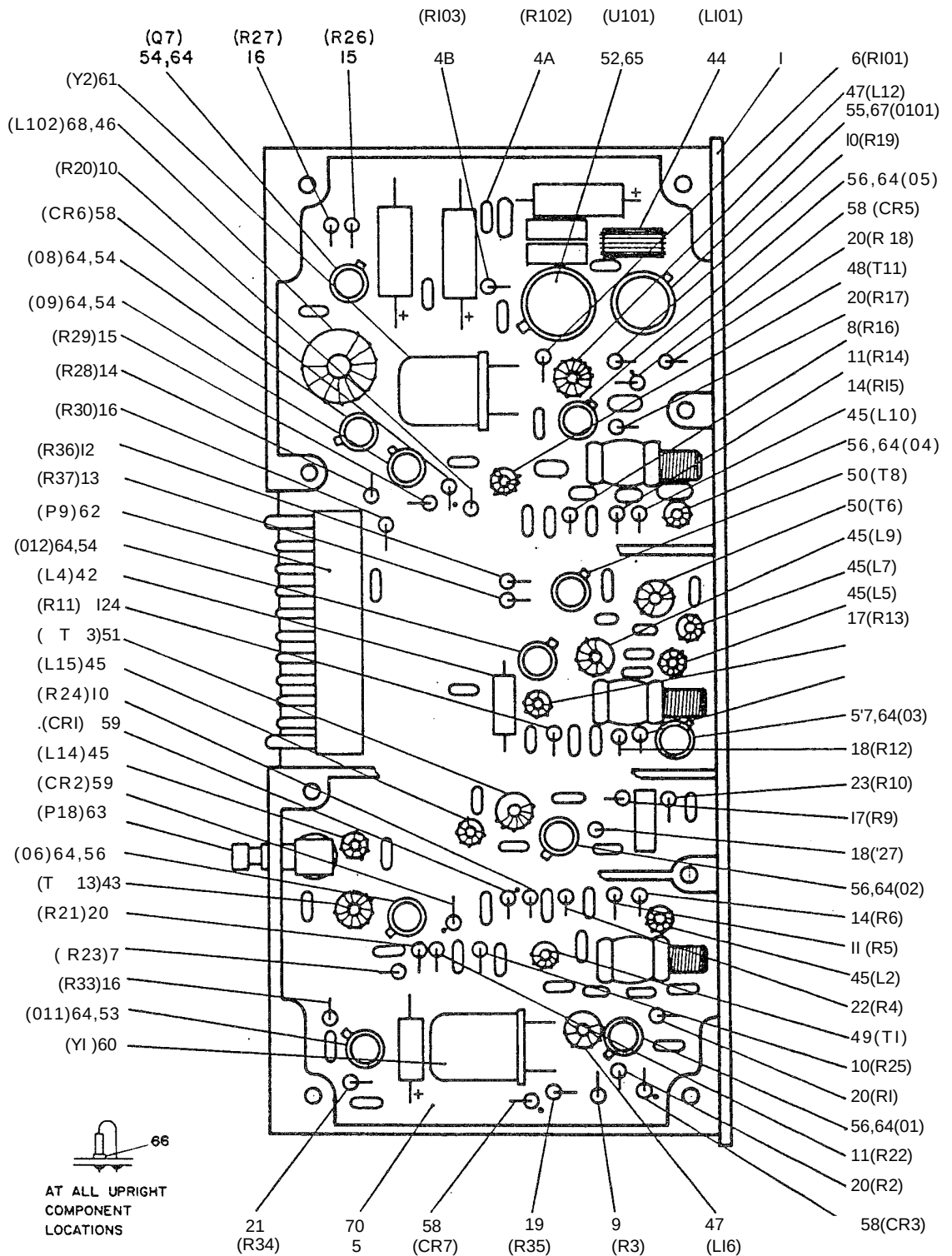


Figure 15. USB Assembly, 1A3A3 (Sheet 1 of 3)

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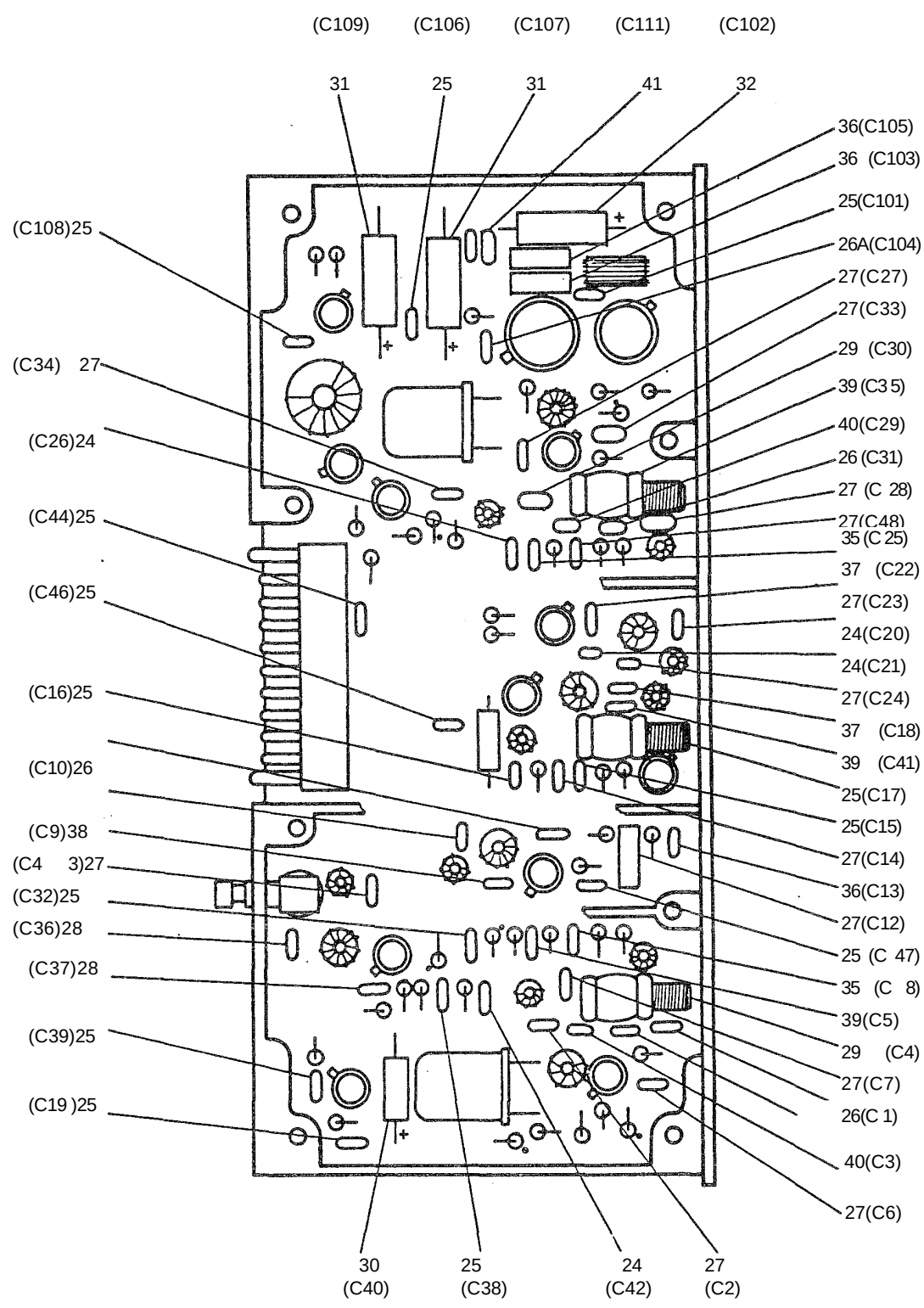


Figure 150 USB Assembly, 1A3A3 (Sheet 2 of 3)

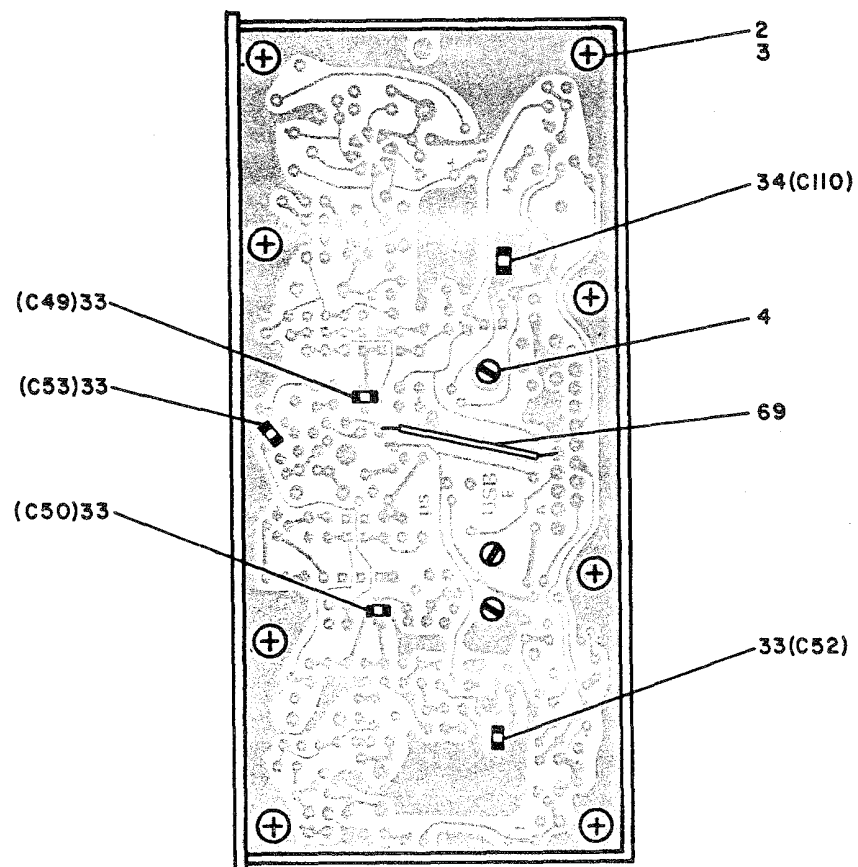


Figure 15. USB Assembly, 1A3A3 (Sheet 3 of 3)

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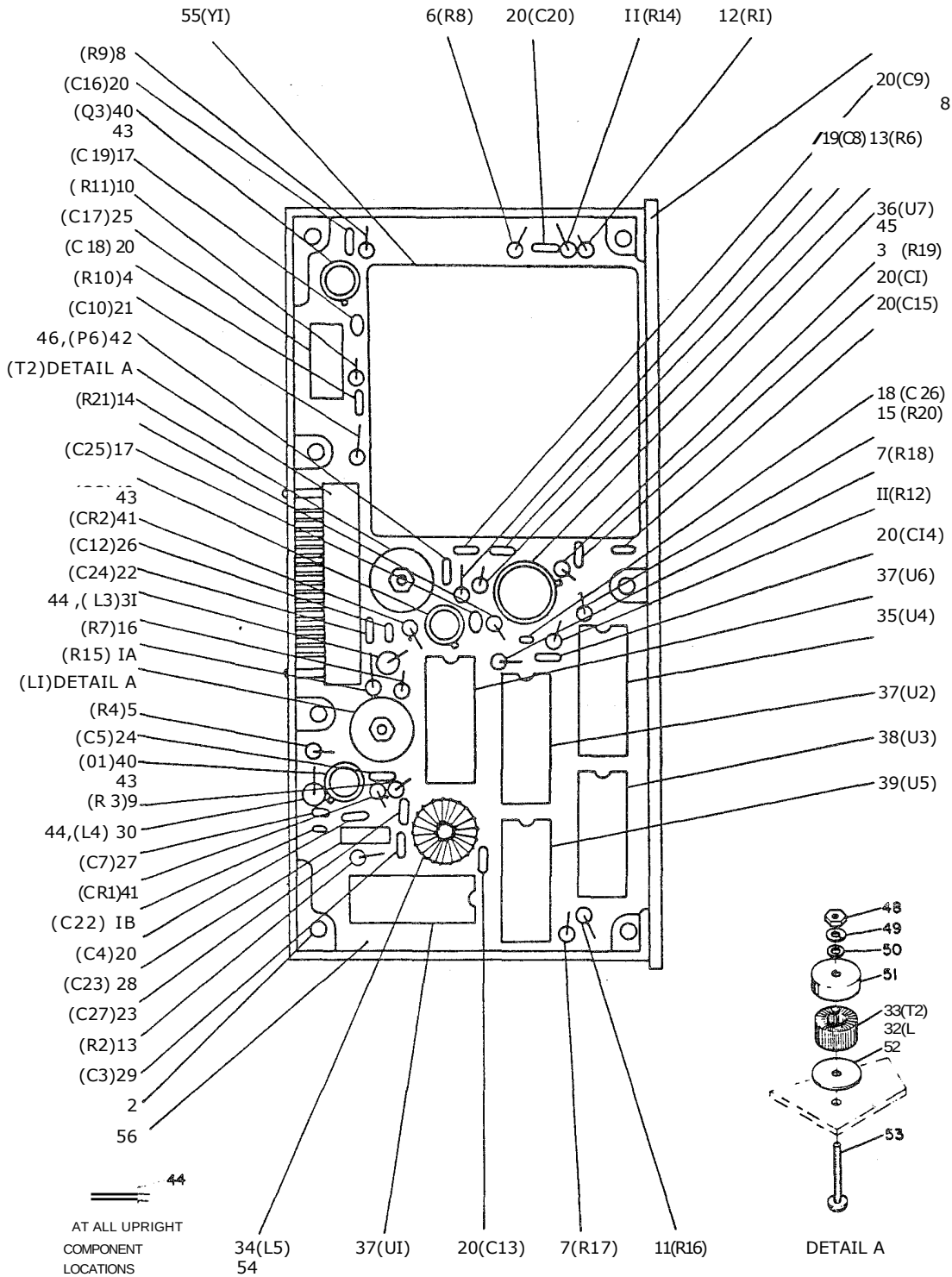


Figure 16. REF Assembly, 1A3A6

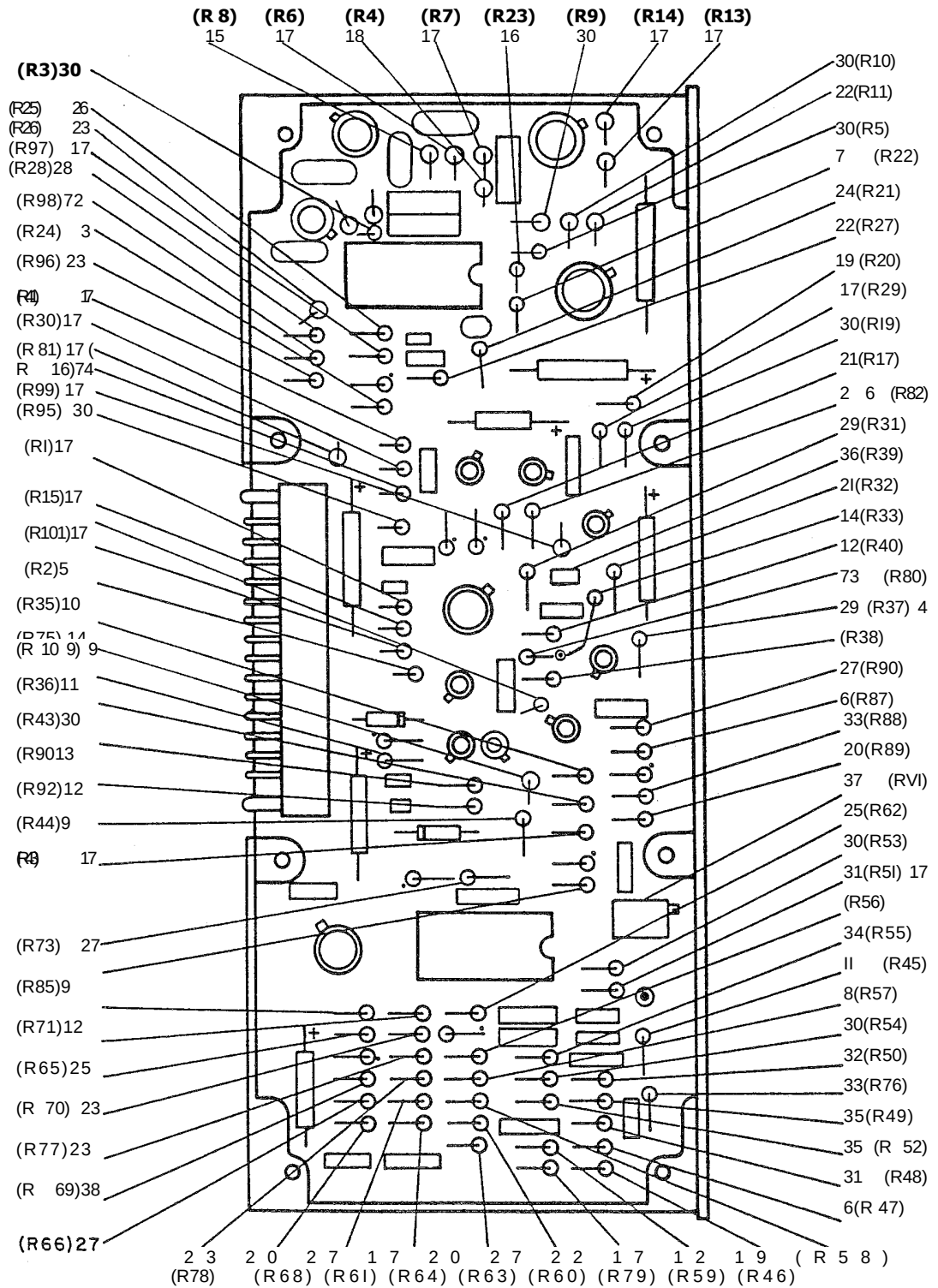


Figure 17. Audio Assembly, 1A2A3 (Sheet 1 of 2)

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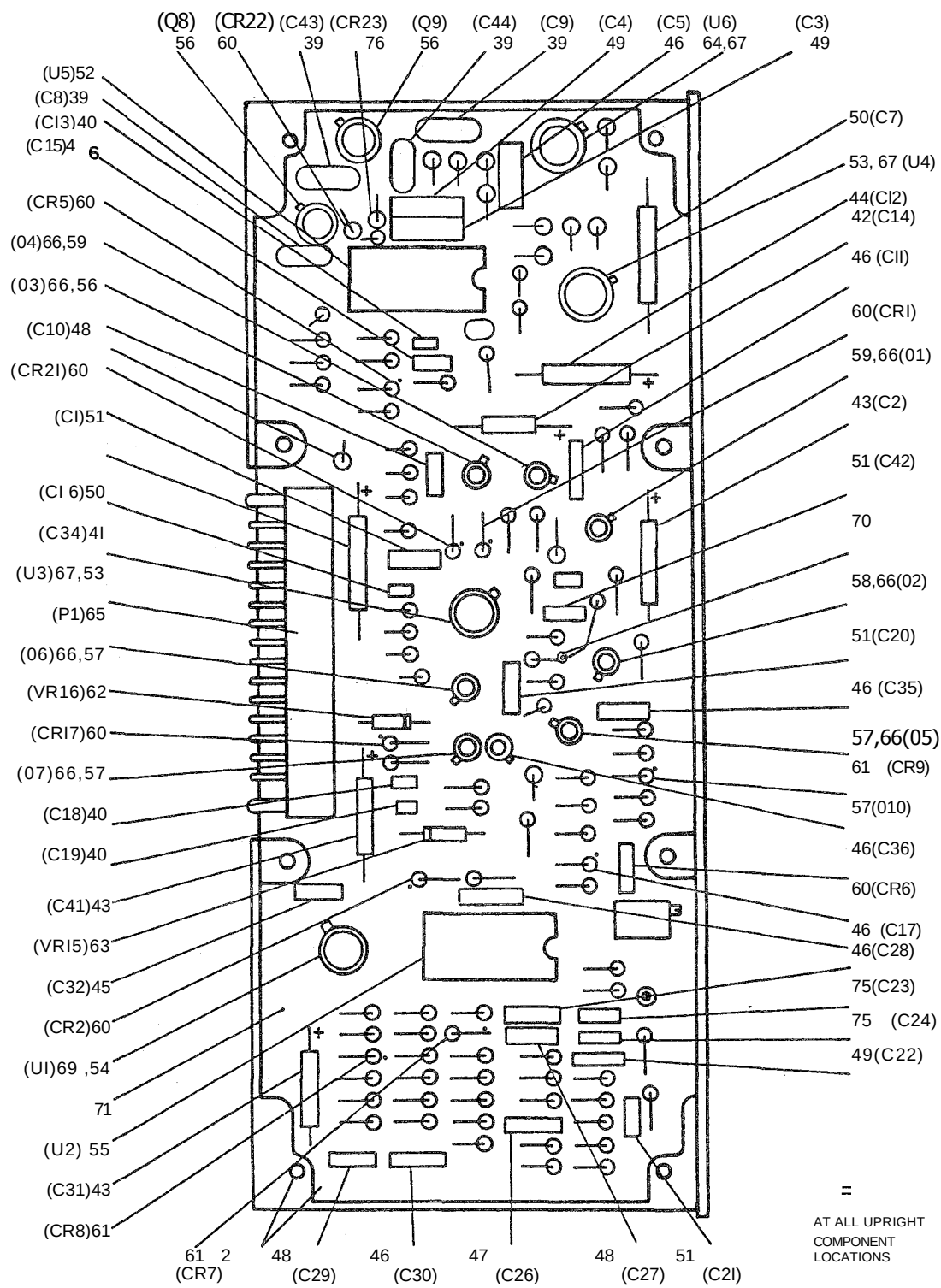


Figure 17. Audio Assembly, 1A2A3 (Sheet 2 of 2)

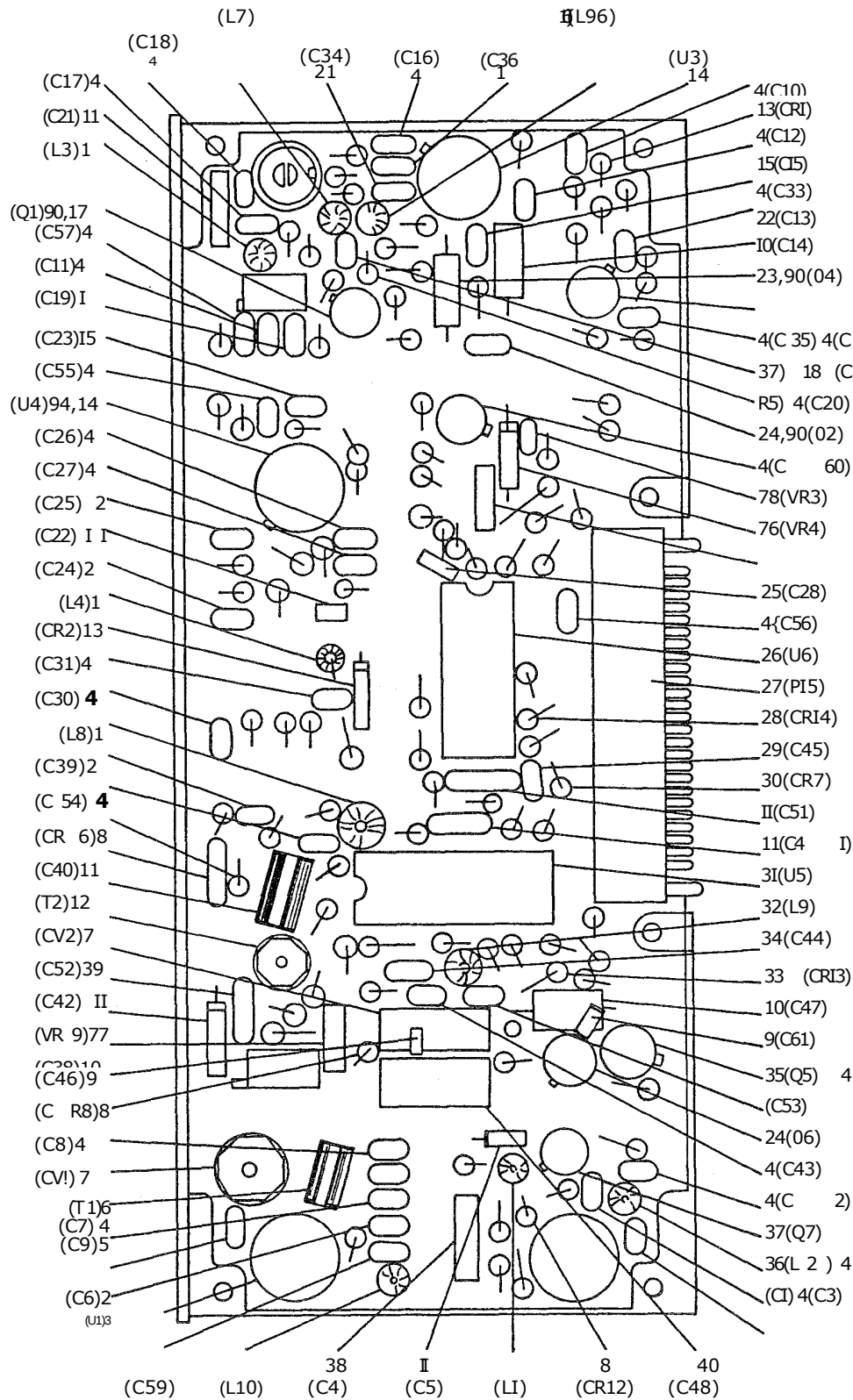


Figure 18. IF PC Board Assembly, 1A2A2 (Sheet 1 of 2)

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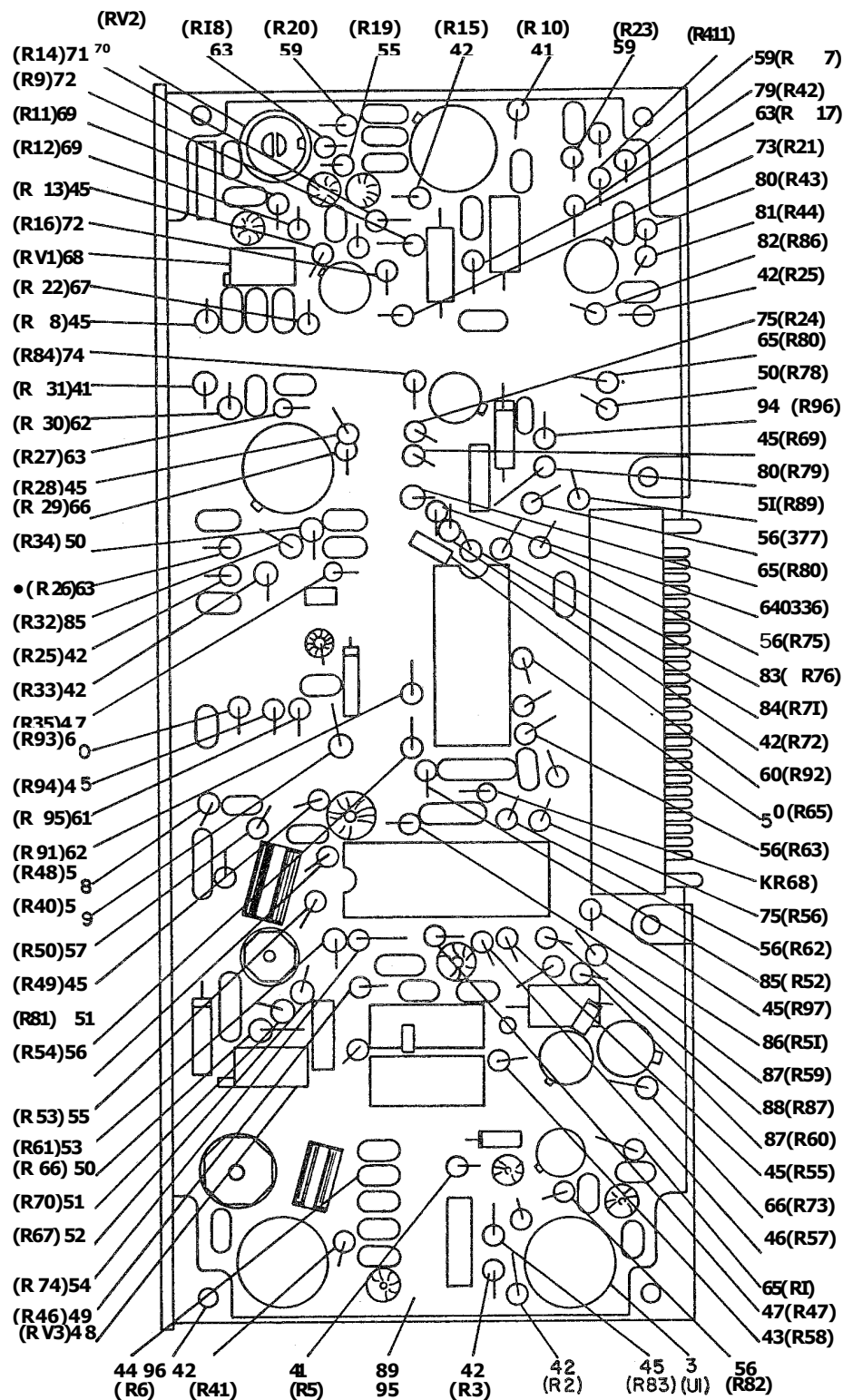


Figure 18, IF PC Board Assembly, 1A2A2 (Sheet 2 of 2)

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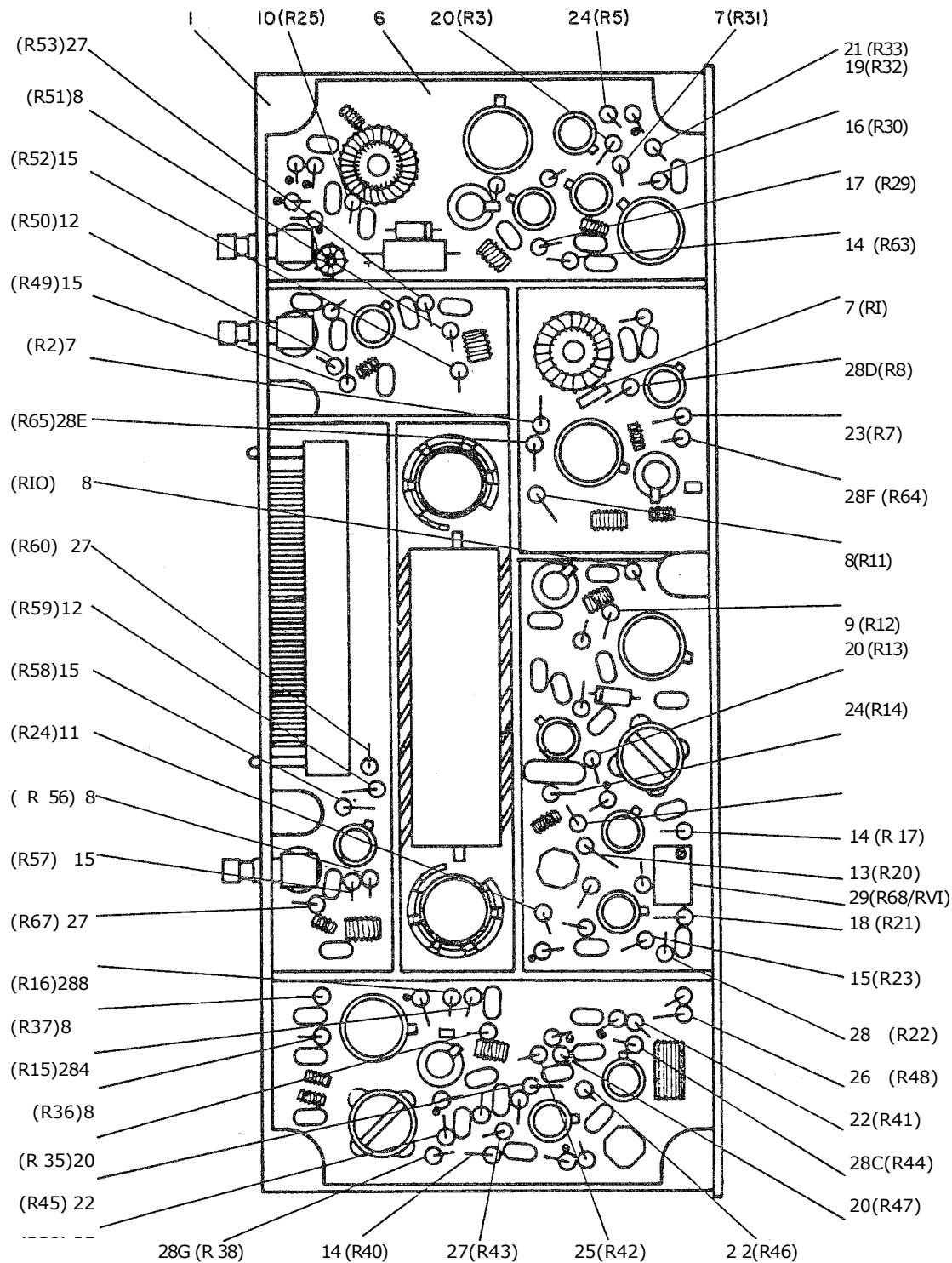


Figure 19. Mixer Assembly, 1A2A1 (Sheet 1 of 4)

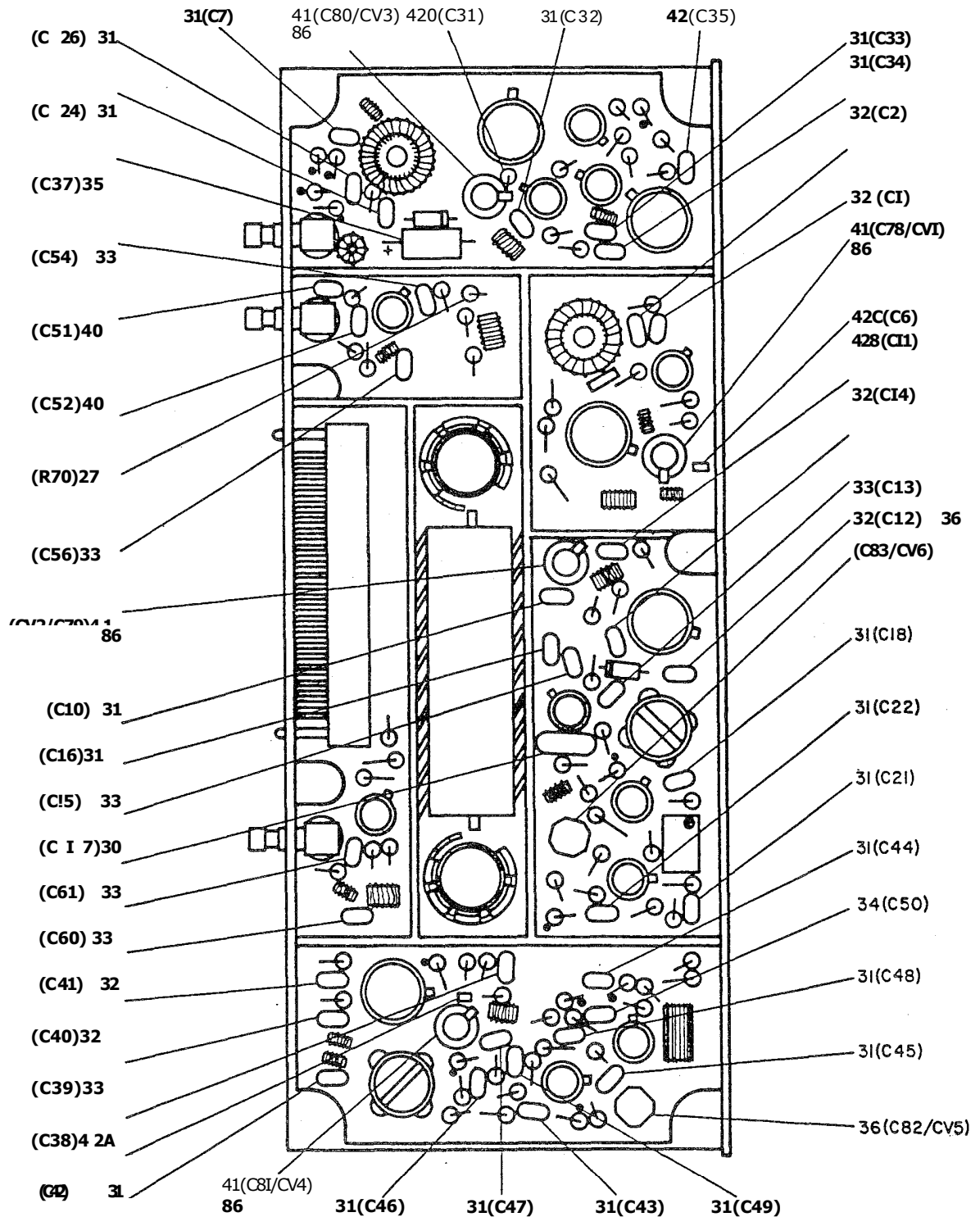


Figure 19. Mixer Assembly, 1A2A1 (Sheet 2 of 4)

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MA(P) -2124-09514-00

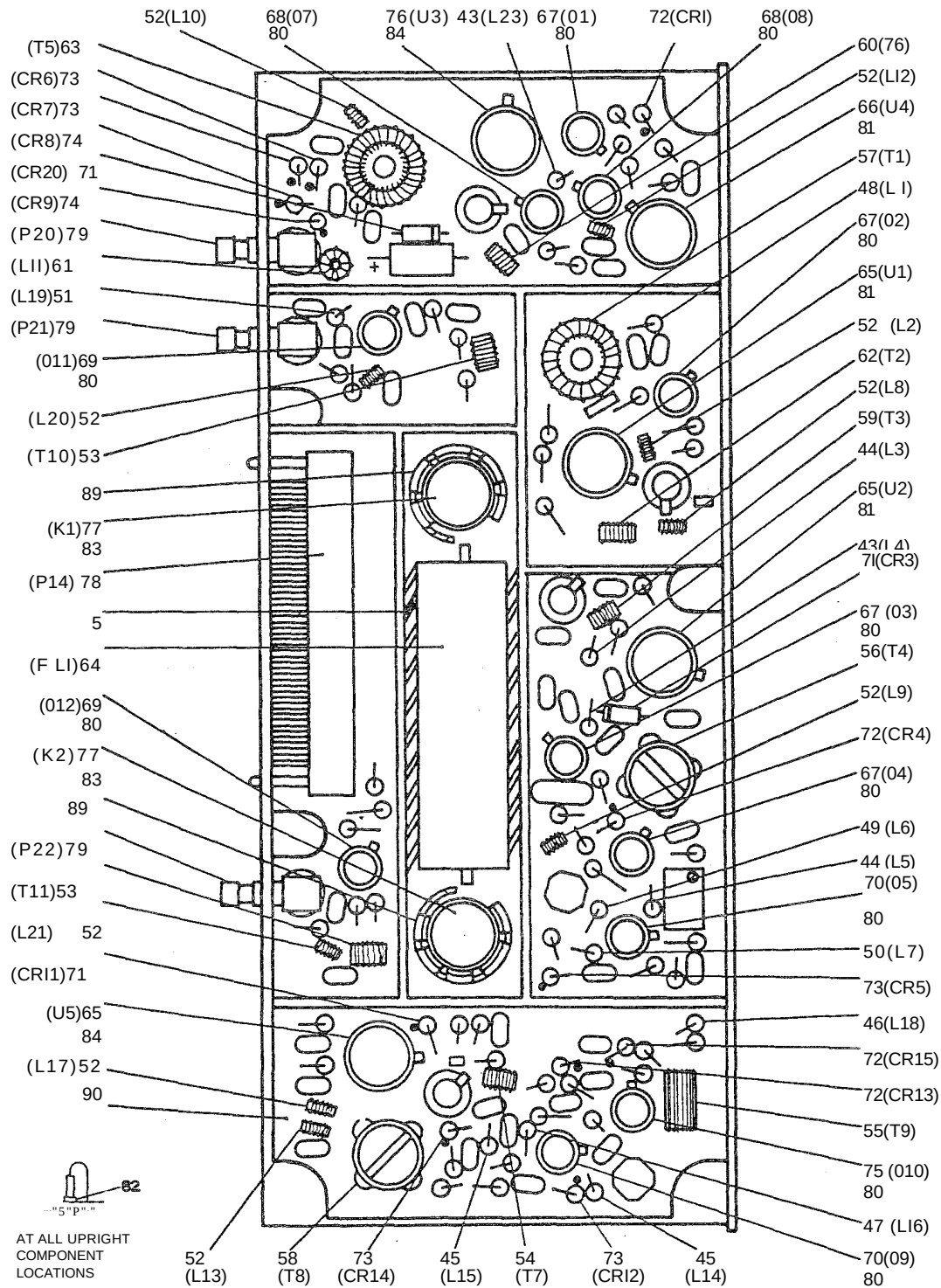


Figure 19. Mixer Assembly, 1A2A1 (Sheet 3 of 4)

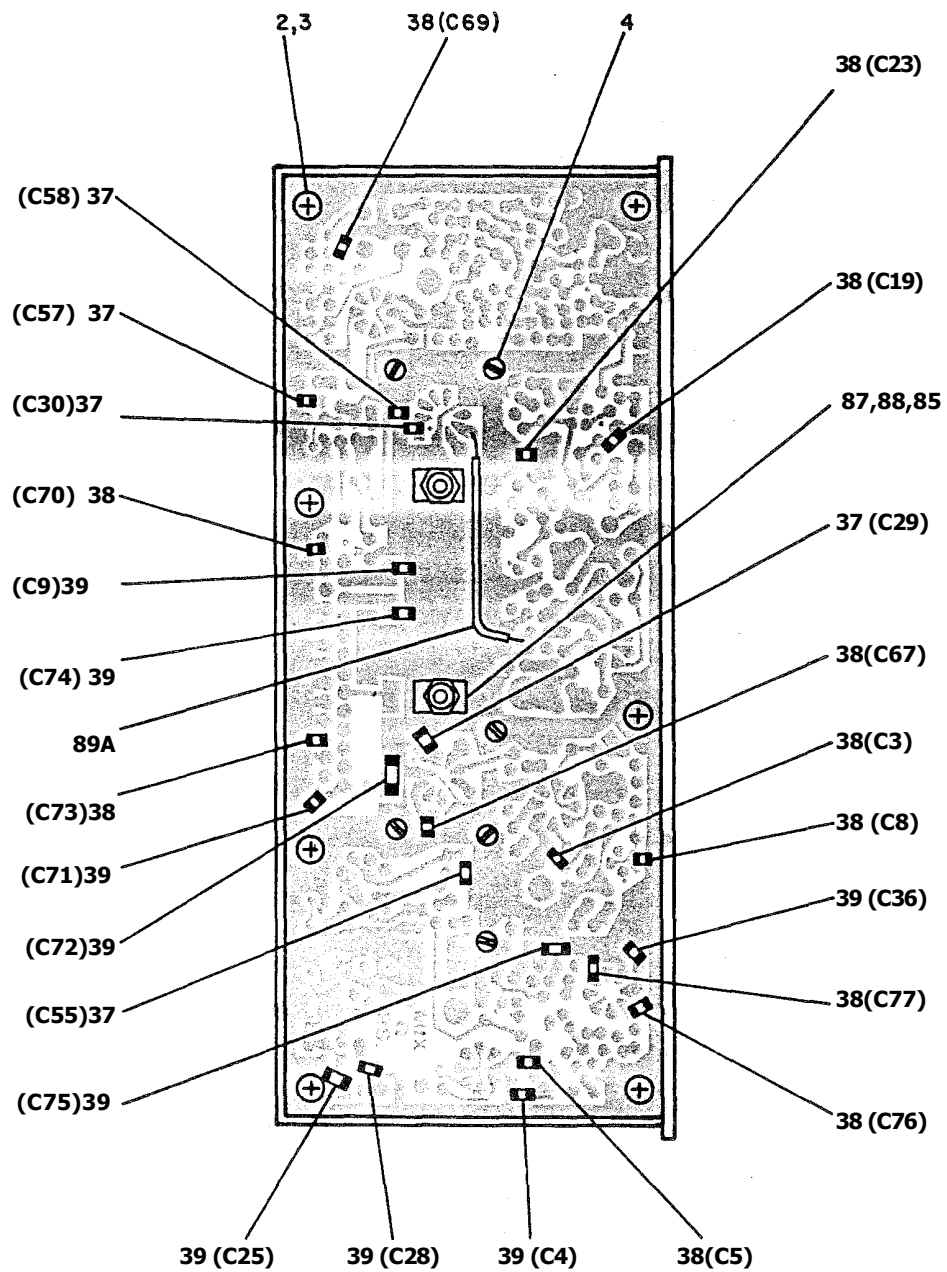


Figure 19, Mixer Assembly, 1A2A1 (Sheet 4 of 4)

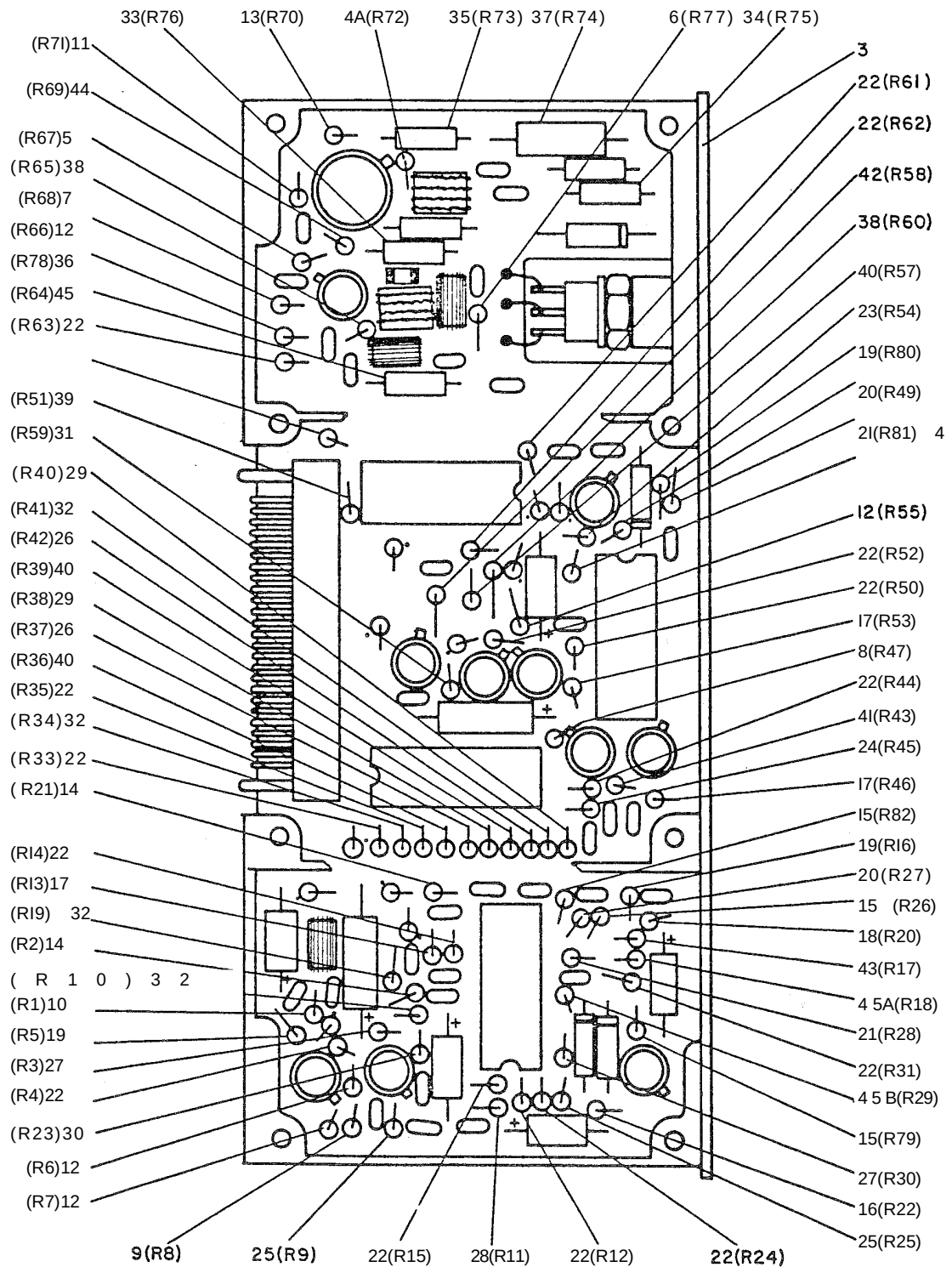


Figure 20, PRE Assembly, 1A2A4 (Sheet 1 of 4)

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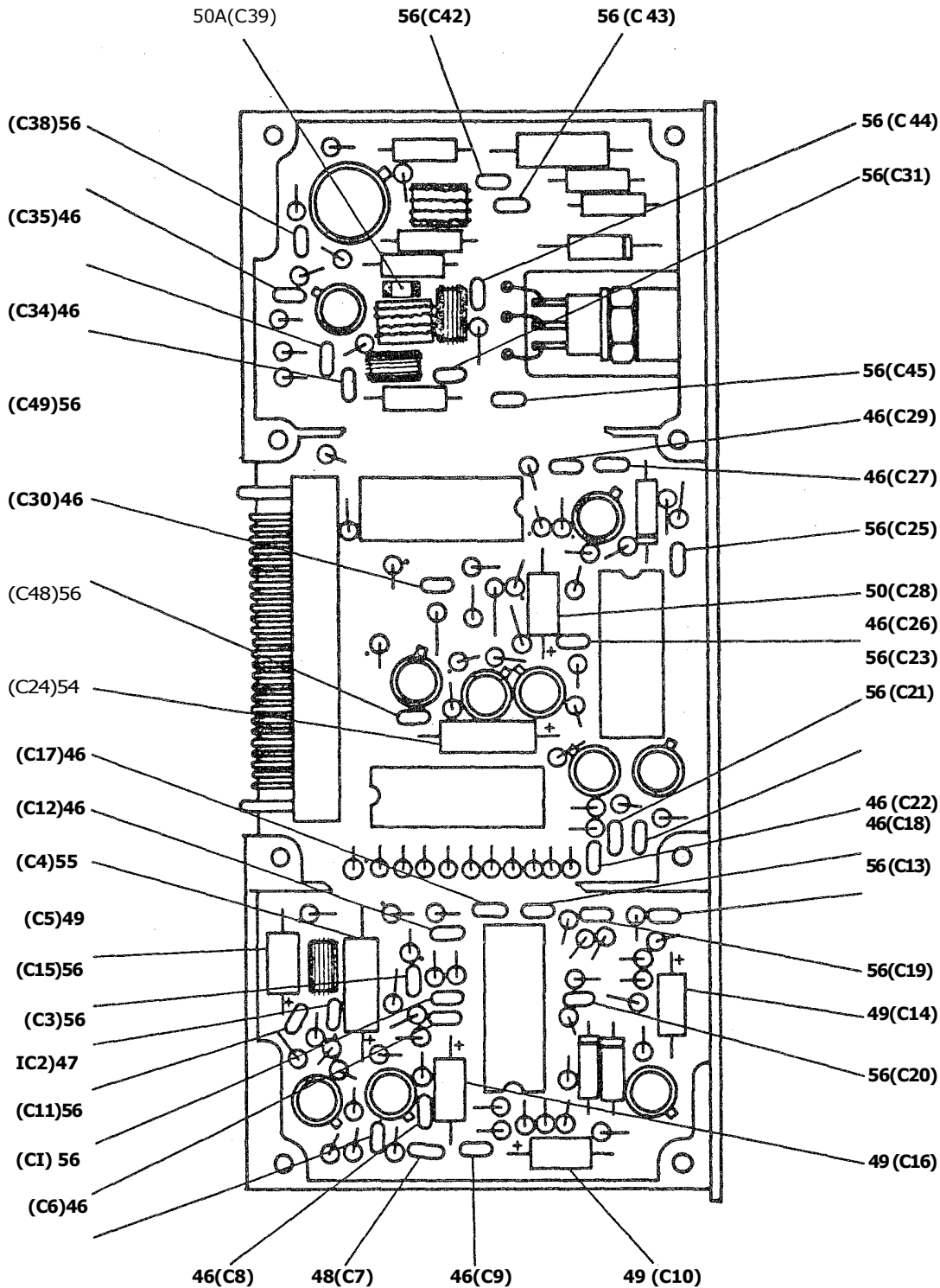


Figure 20. PRE Assembly, 1A2A4 (Sheet 2 of 4)

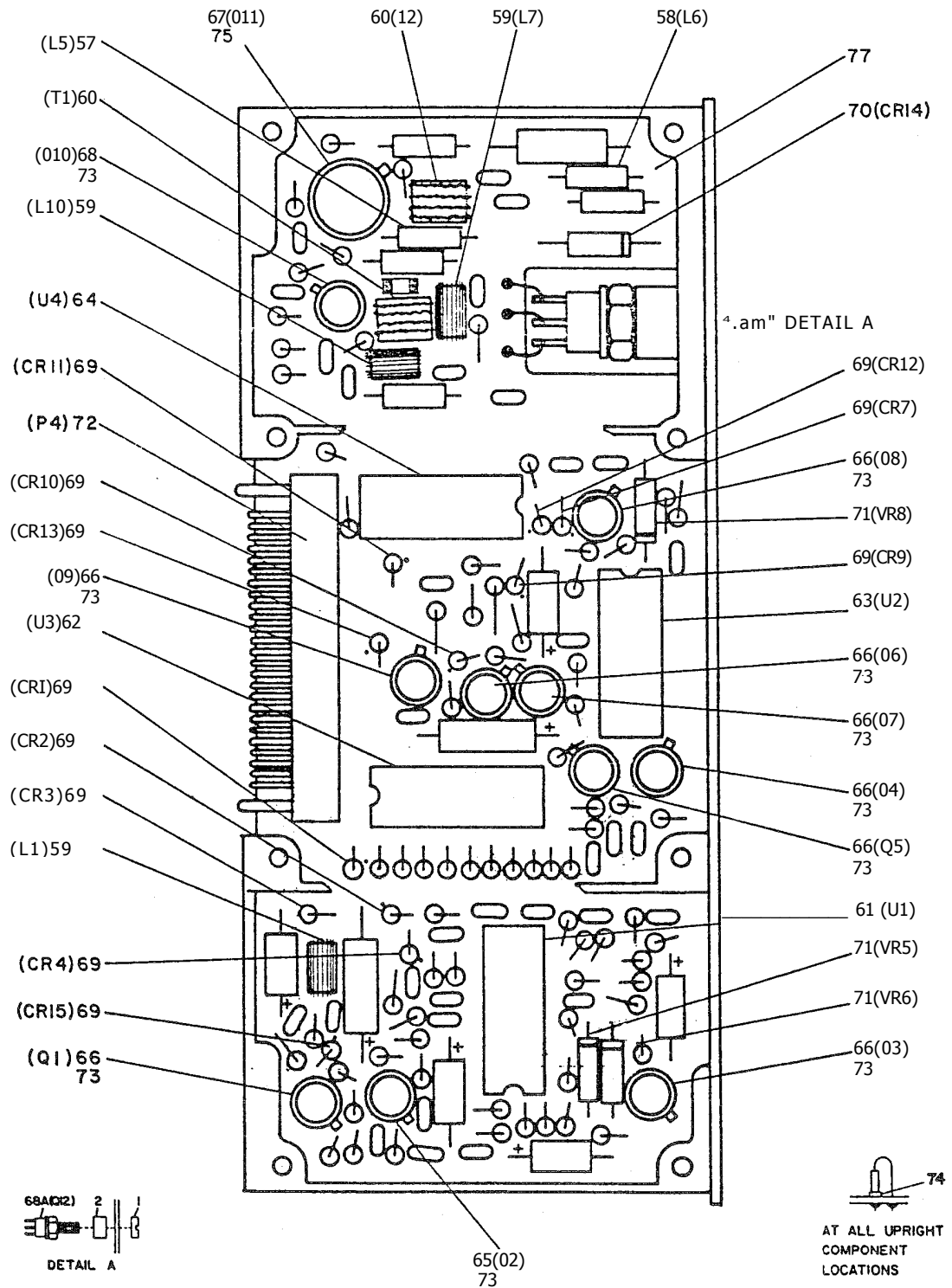


Figure 20, PRE Assembly, 1A2A4 (Sheet 3 of 4)

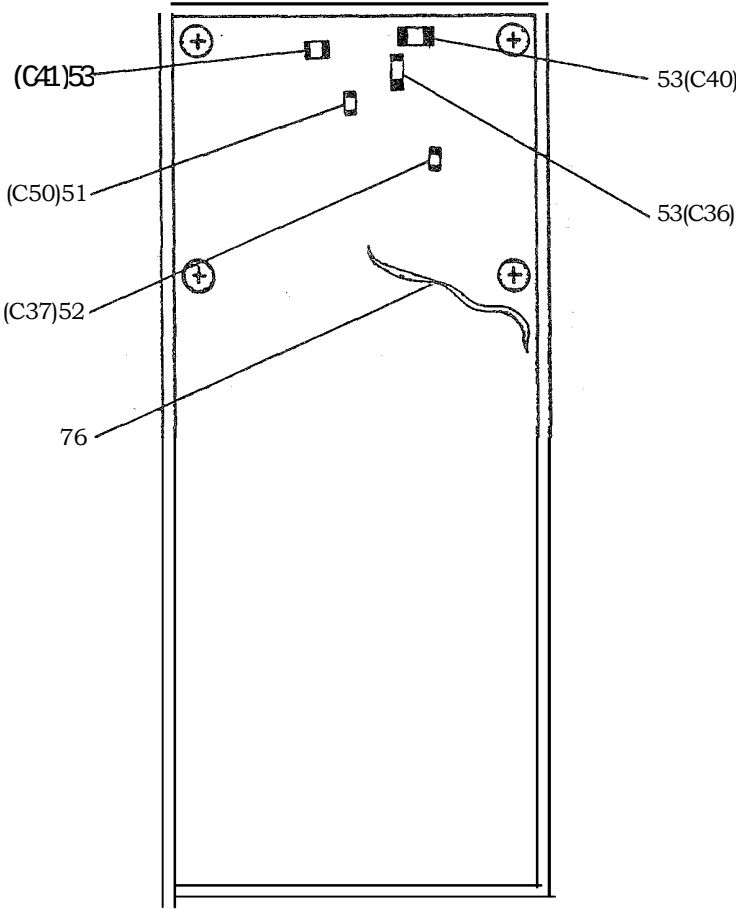


Figure 20. PRE Assembly, 1A2A4 (Sheet 4 of 4)

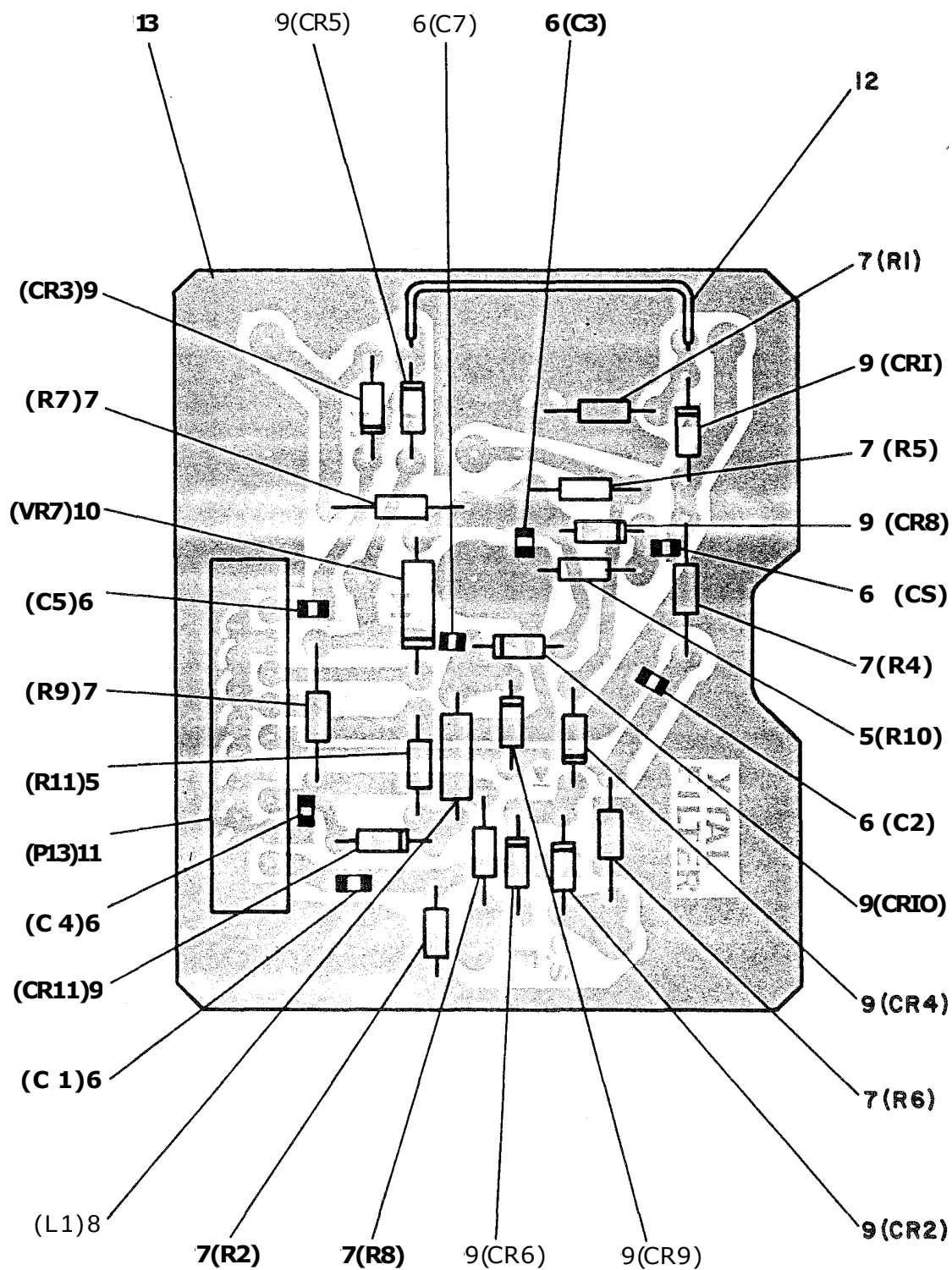


Figure 21. Filter Assembly, 1A2A5 (Sheet 1 of 2)

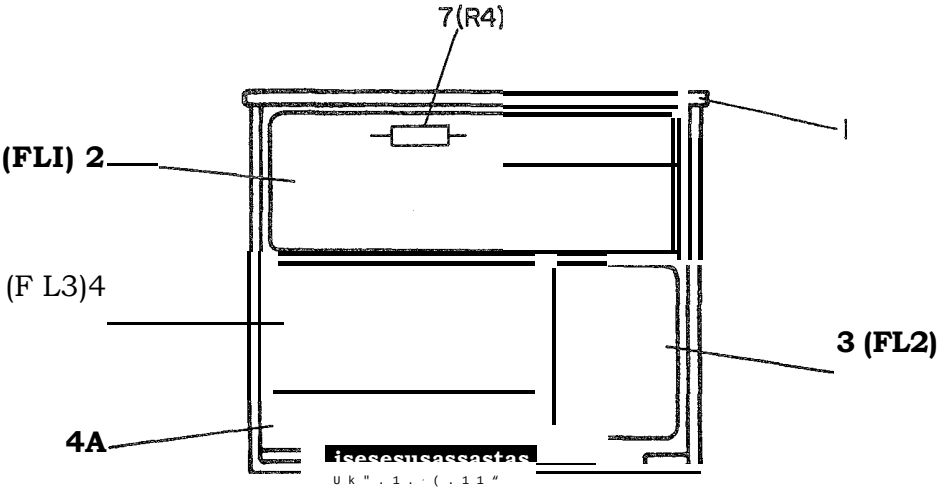


Figure 21. Filter Assembly, 1A2A5 (Sheet 2 of 2)

SECTION II
MAINTENANCE PARTS LIST

MA(P) -2124-09514-00

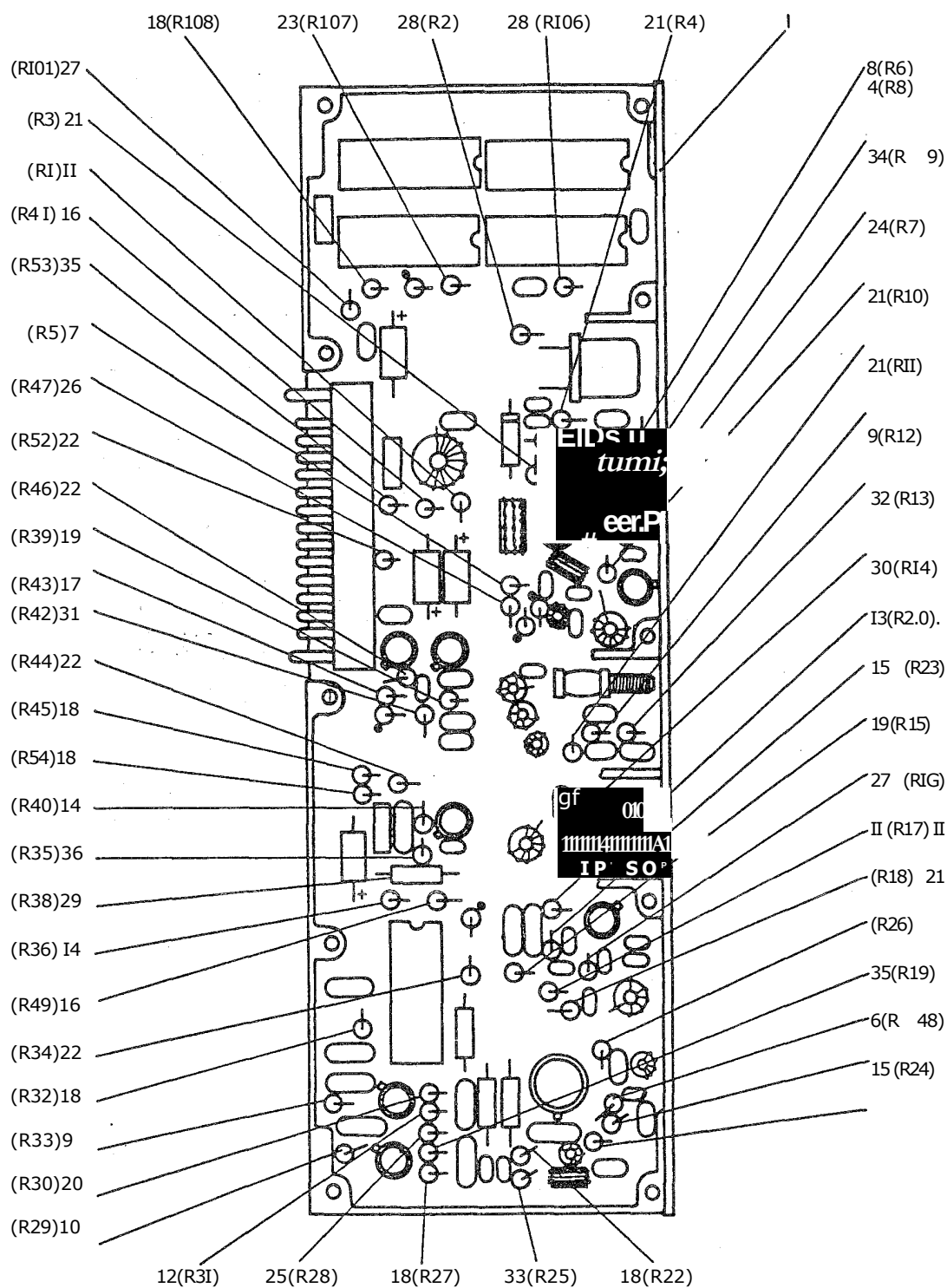


Figure 22. SUM Assembly, 1A3A5 (Sheet 1 of 4)

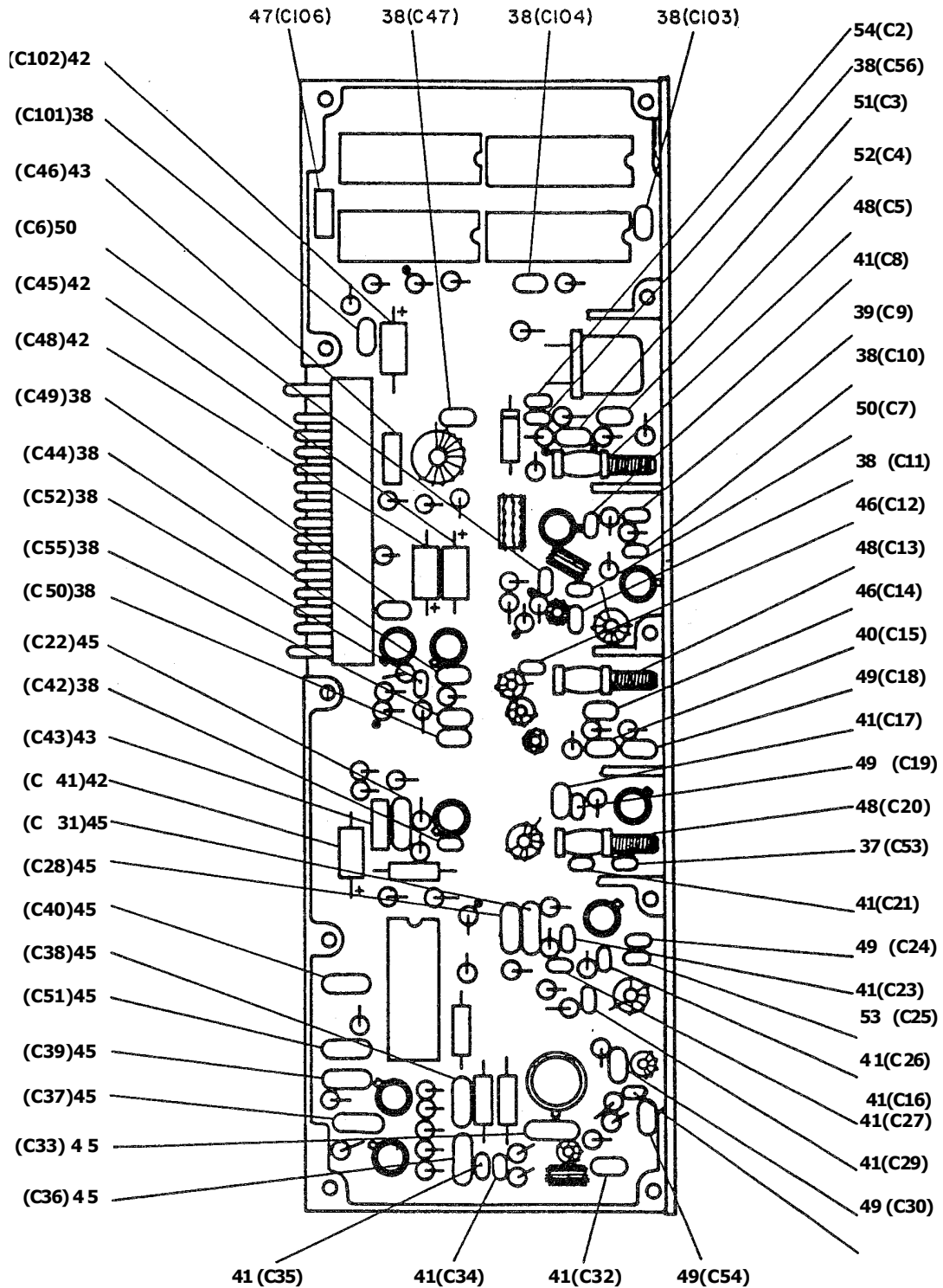


Figure 22. SUM Assembly, 1A3A5 (Sheet 2 of 4)

SECTION II
MAINTENANCE PARTS LIST

0MA(P)-2124-09514-00

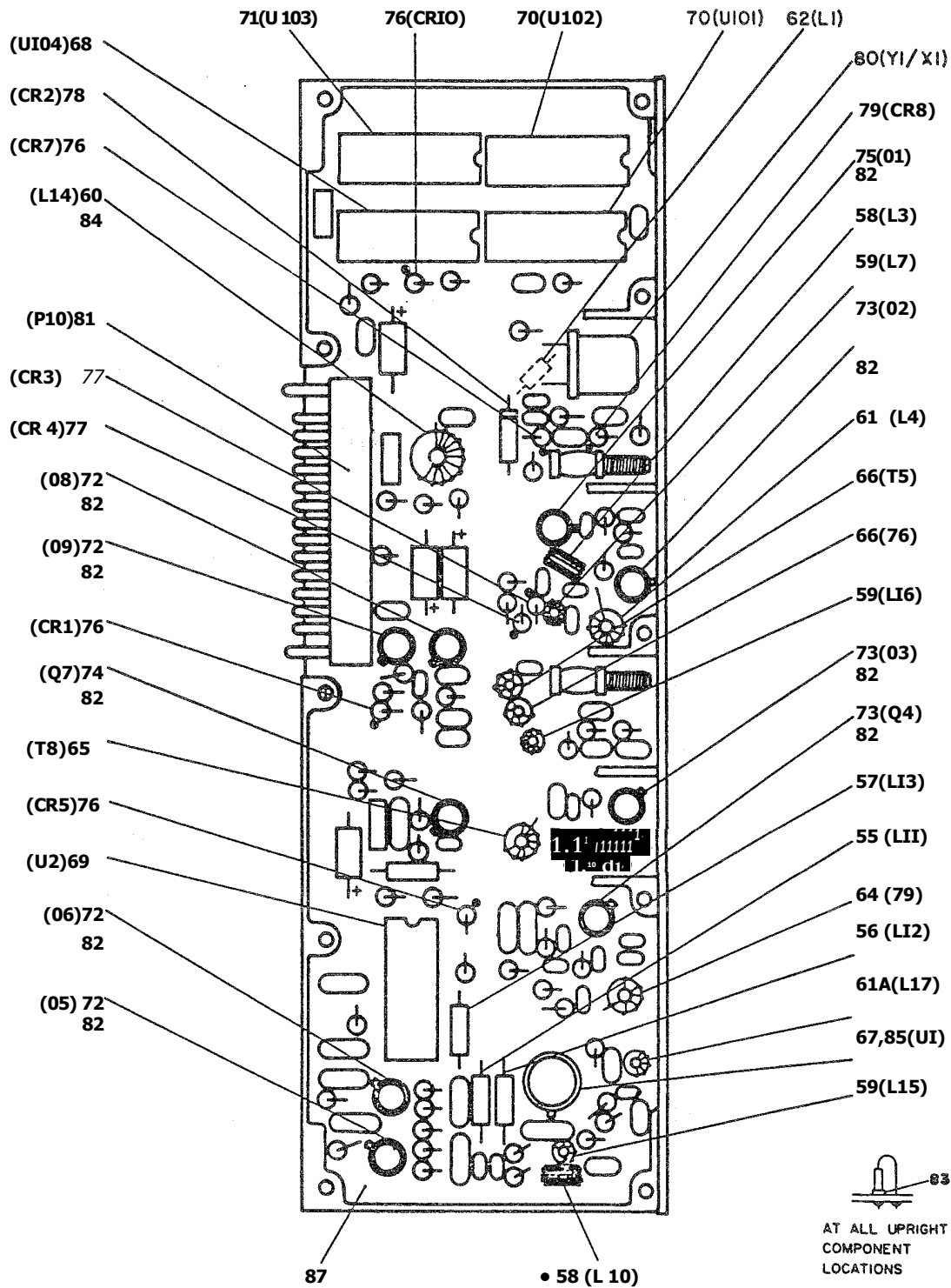


Figure 22. SUM Assembly, 1A3A5 (Sheet 3 of 4)

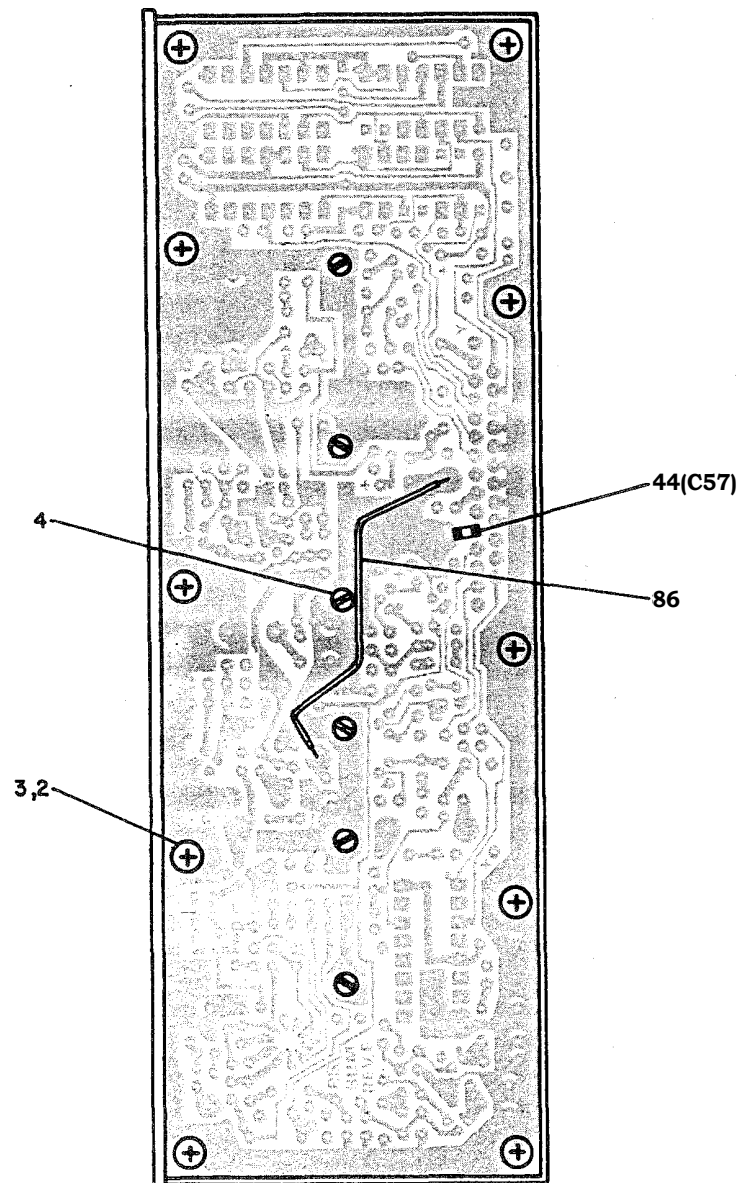


Figure 22. SUM Assembly, 1A3A5 (Sheet 4 of 4)

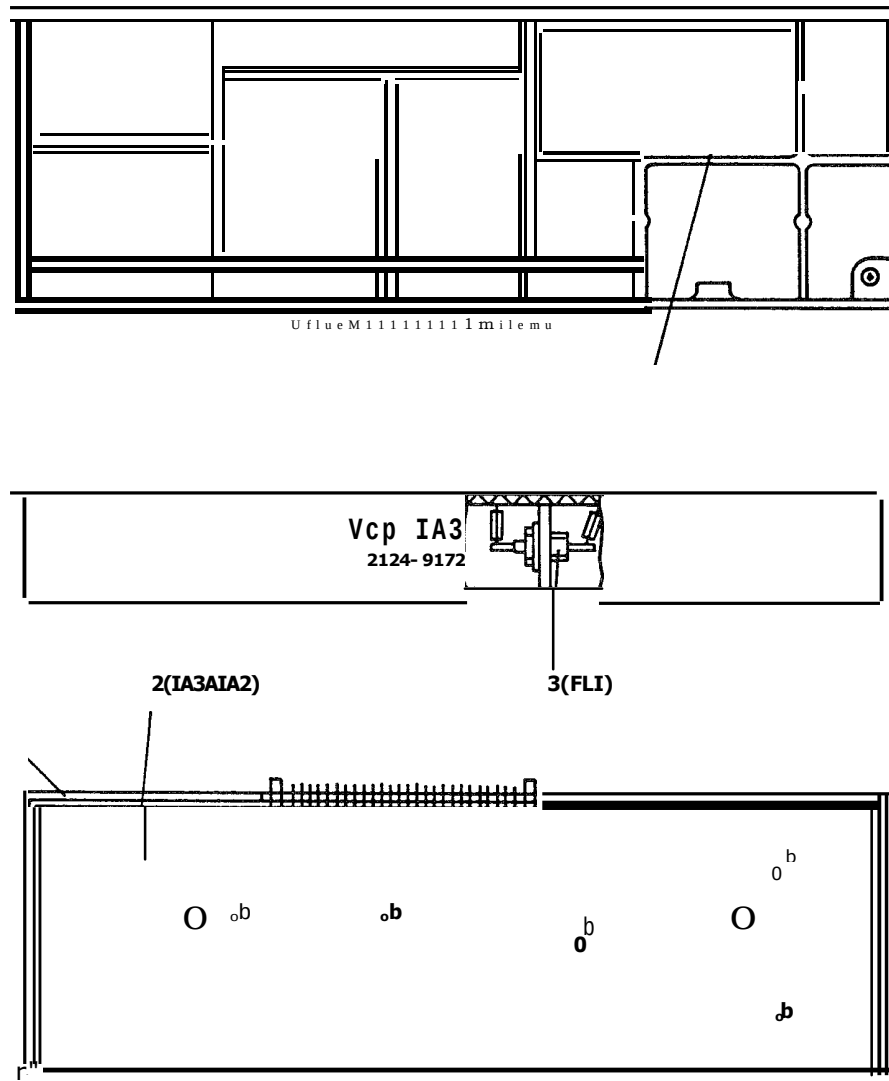


Figure 231 VCS' Assembly, 1A3A1

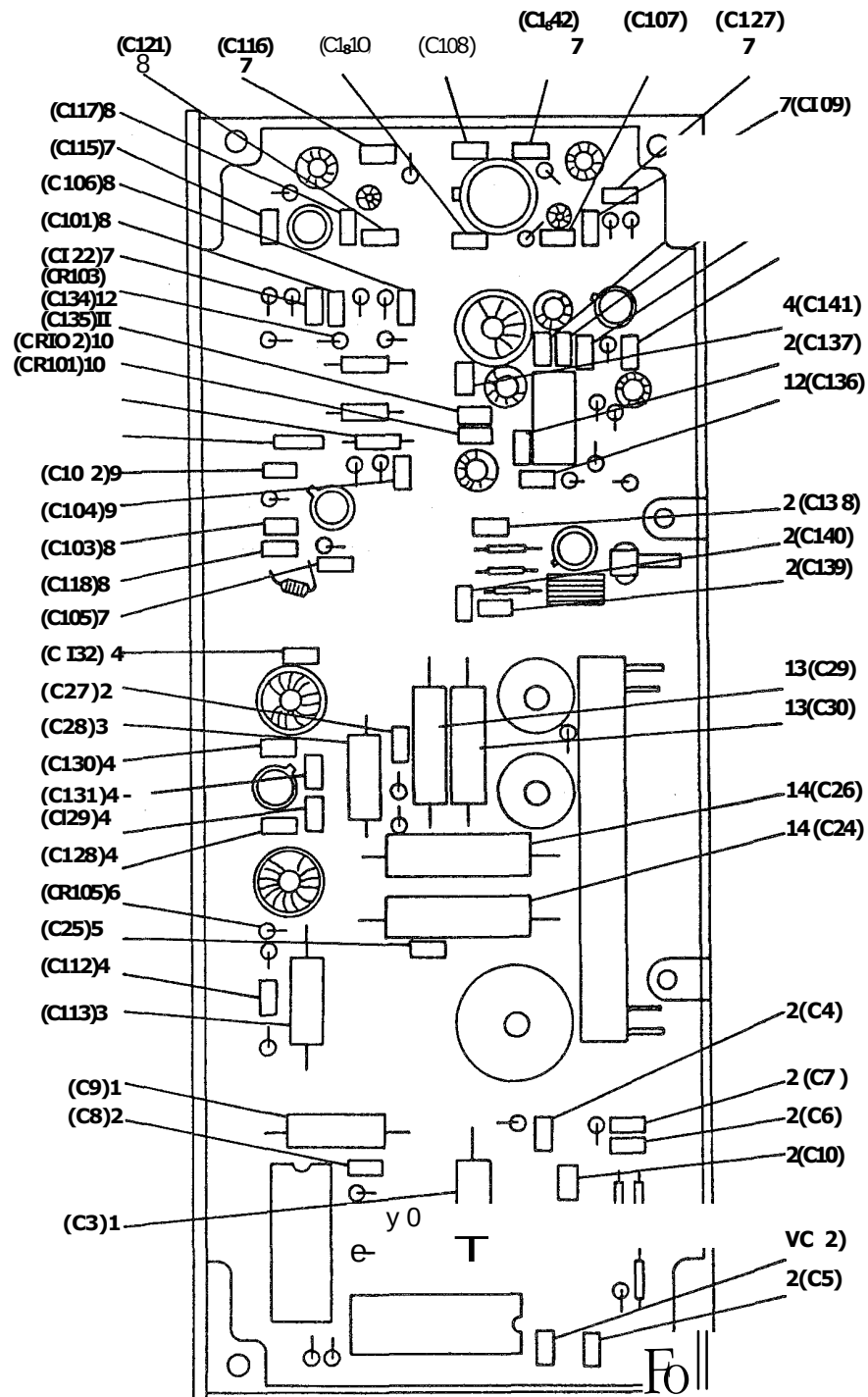


Figure 24, VCP PC Board Assembly, 1A3A1A2 (Sheet 1 of 3)

SECTION II
MAINTENANCE PARTS LIST

MA(P) -2124-09514-00

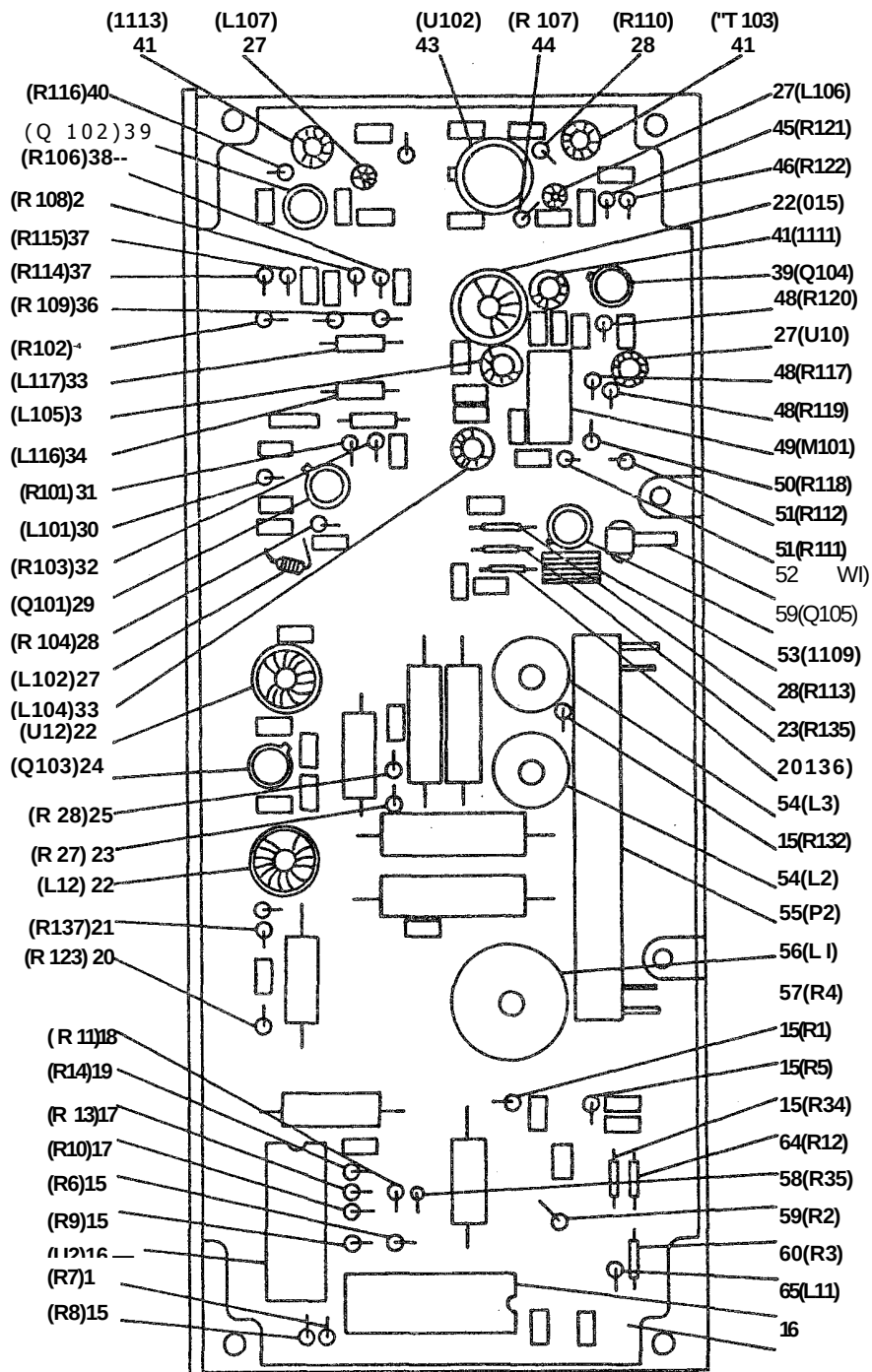


Figure 24, VCP PC Board Assembly, 1A3A1A2 (Sheet 2 of 3)

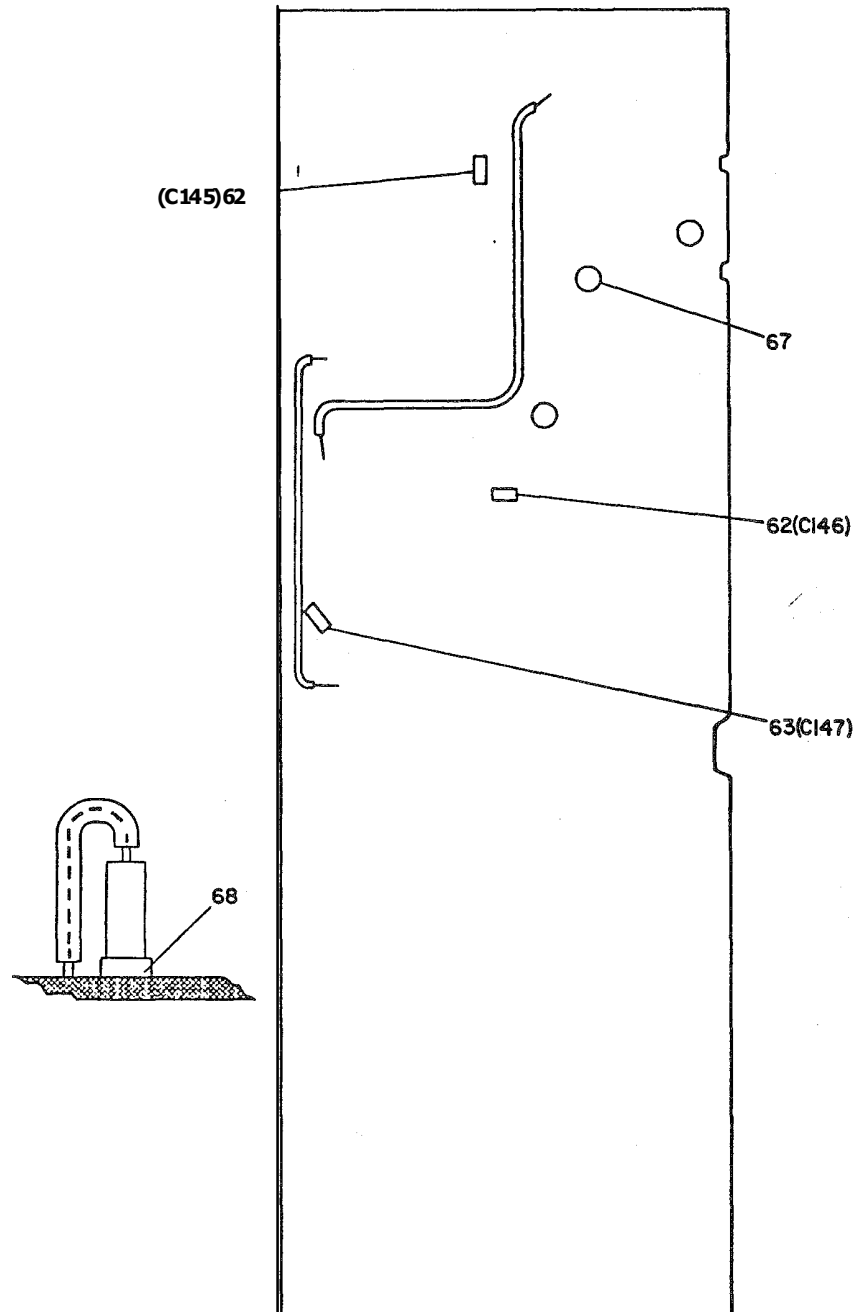


Figure 24. VCP PC Board Assembly, 1A3A1A2 (Sheet 3 of 3)

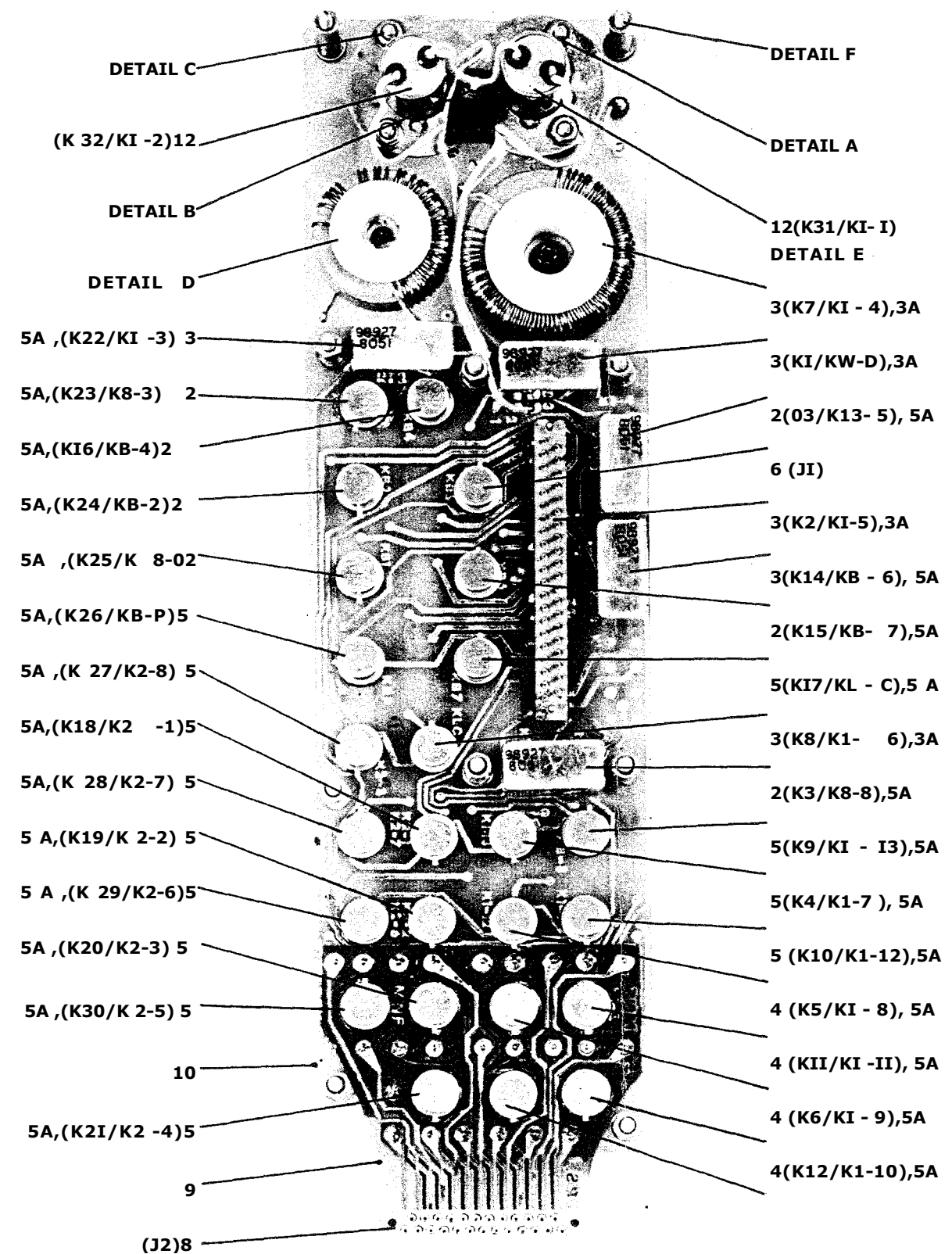
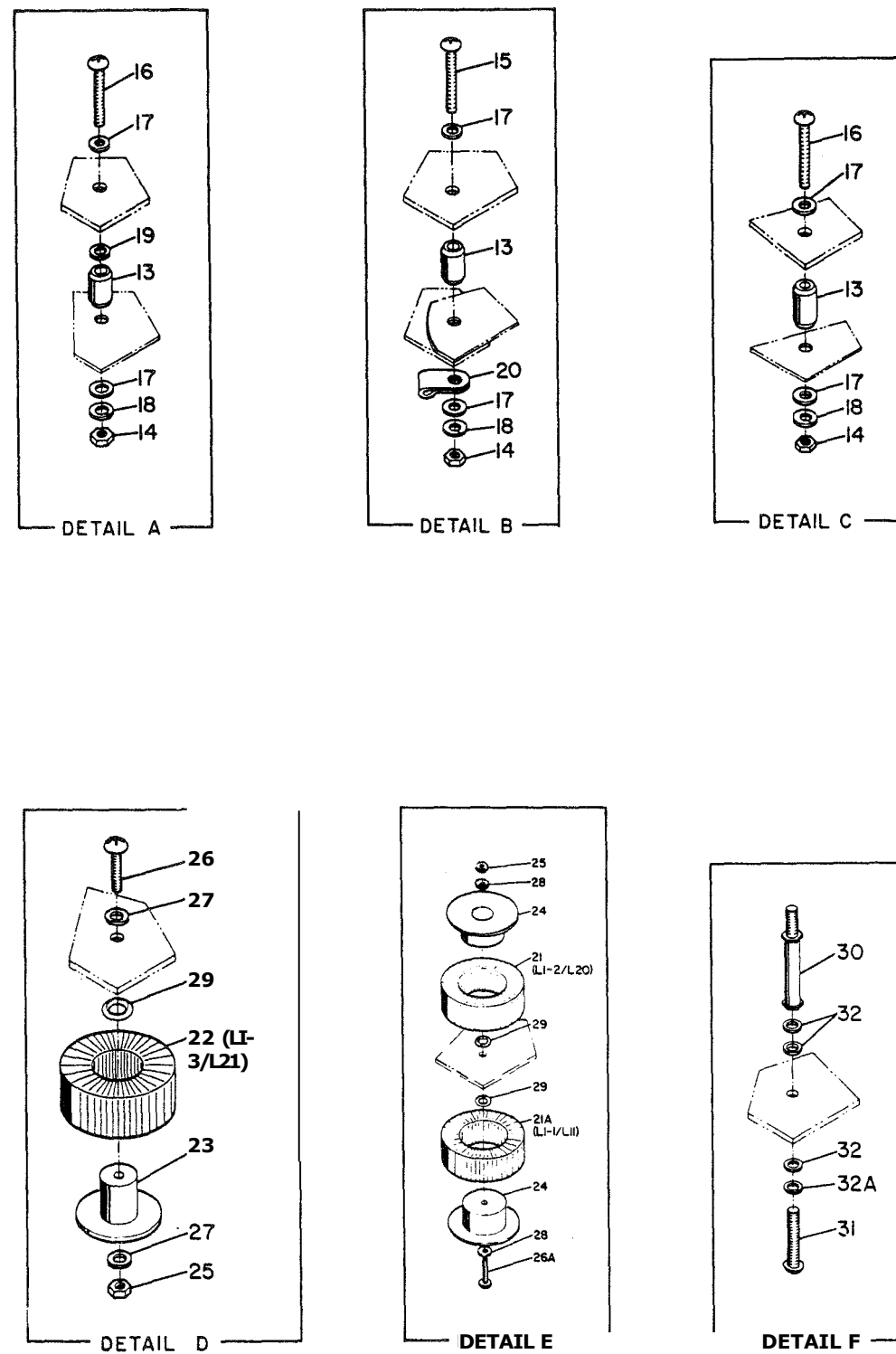


Figure 26. MN Assembly, 1A5A1 (Sheet 1 of 2)

SECTION II
MAINTENANCE PARTS LIST

MA(P) -2124-09514-00 66(L 4/L1-10)

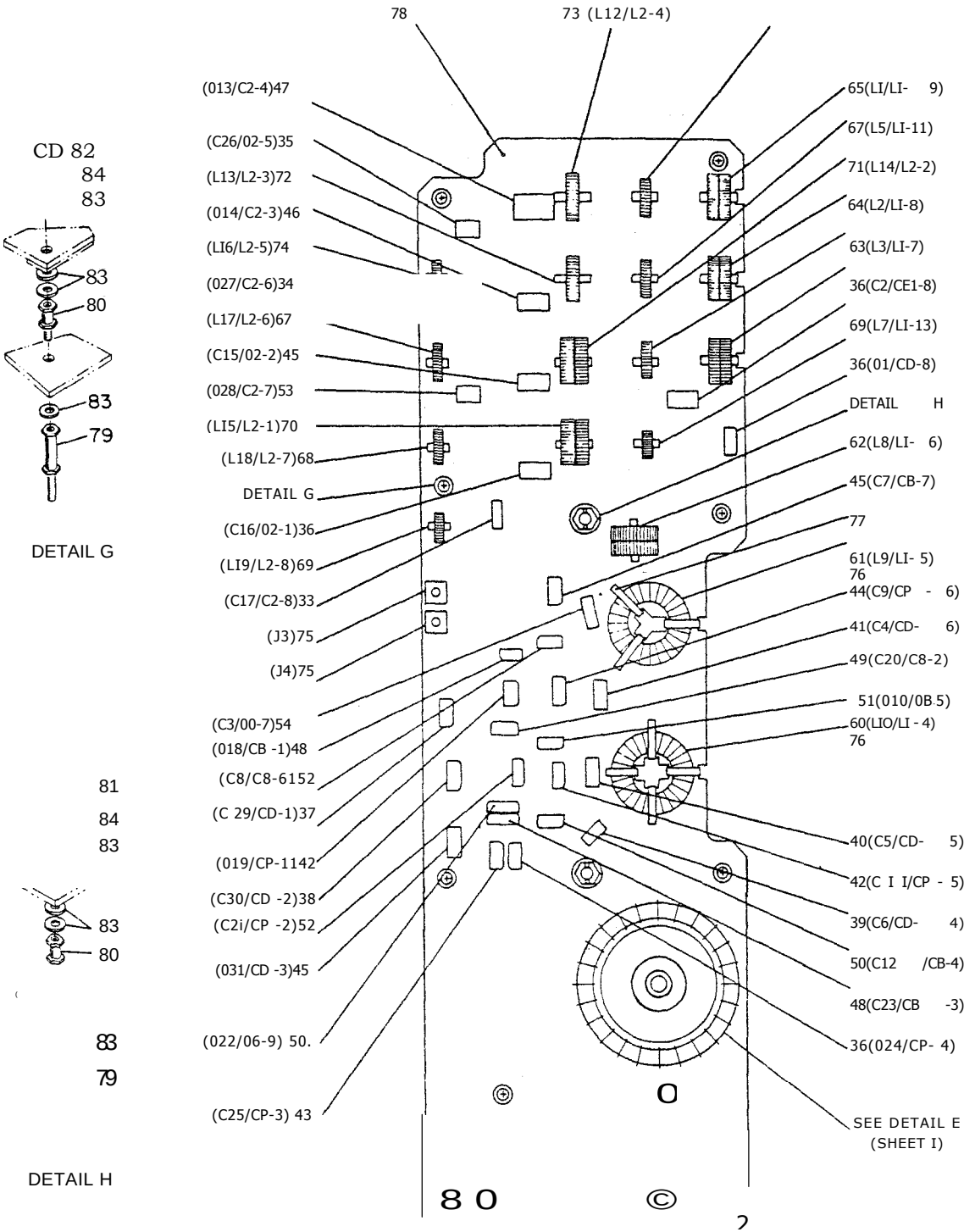


Figure 26. DIN Assembly, 1A5A1 (Sheet 2 of 2)

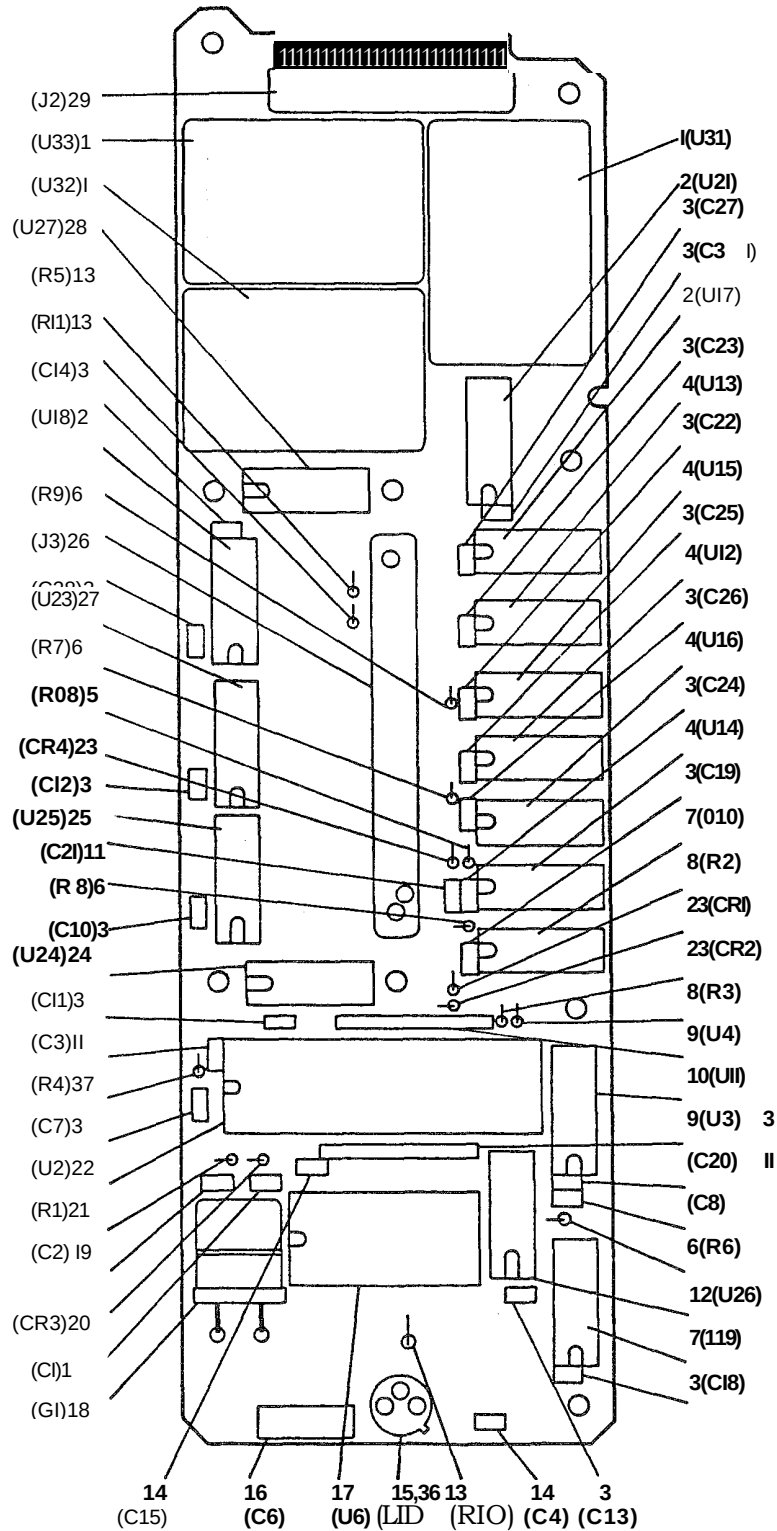


Figure 27, Lord PC Board Assembly, 1A5A2 (Sheet 1 of 2)

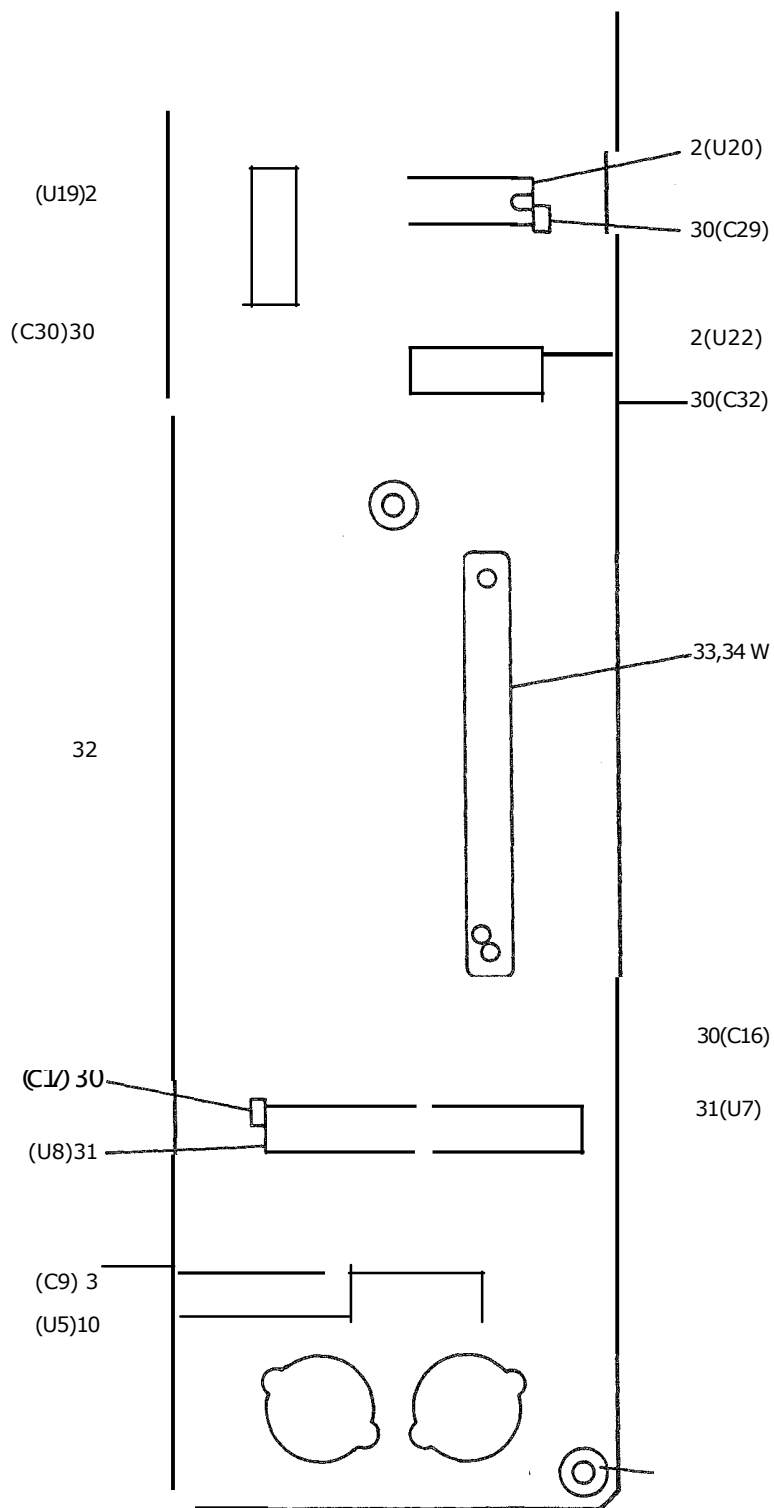


Figure 27. Lord PC Board Assembly, 1A5A2 (Sheet 2 of 2)

SECTION II
MAINTENANCE PARTS LIST

MA(P) -2124-09514-00

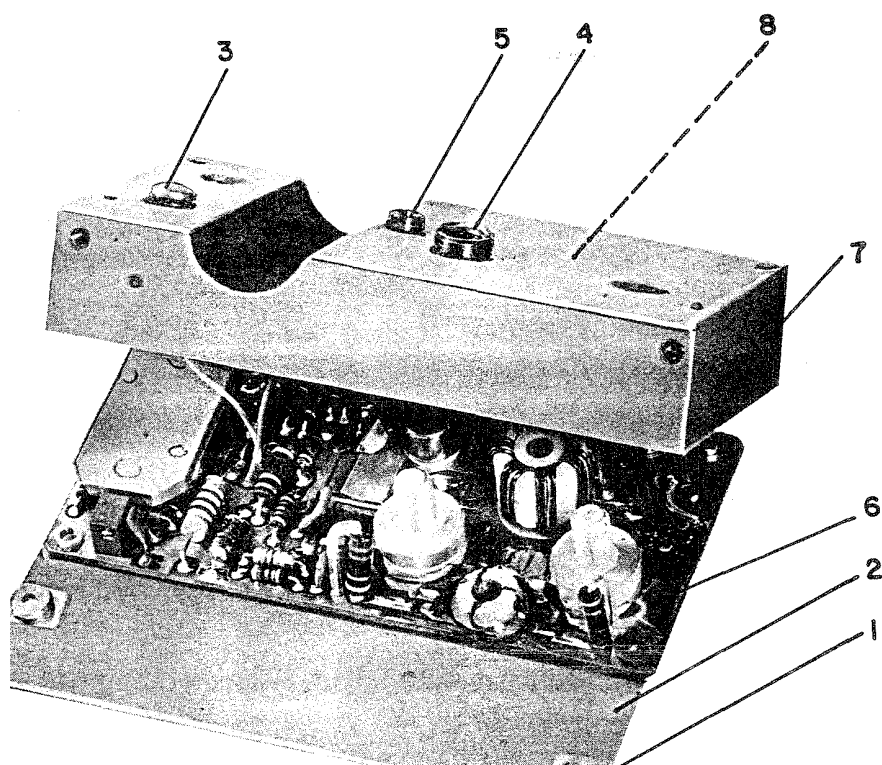
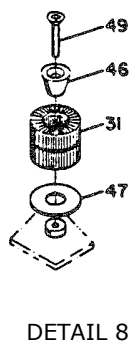


Figure 28, PA Assembly, 1A6

MA(P)-2124-09514-00



AT ALL UPRIGHT
COMPONENT
LOCATIONS

2-102

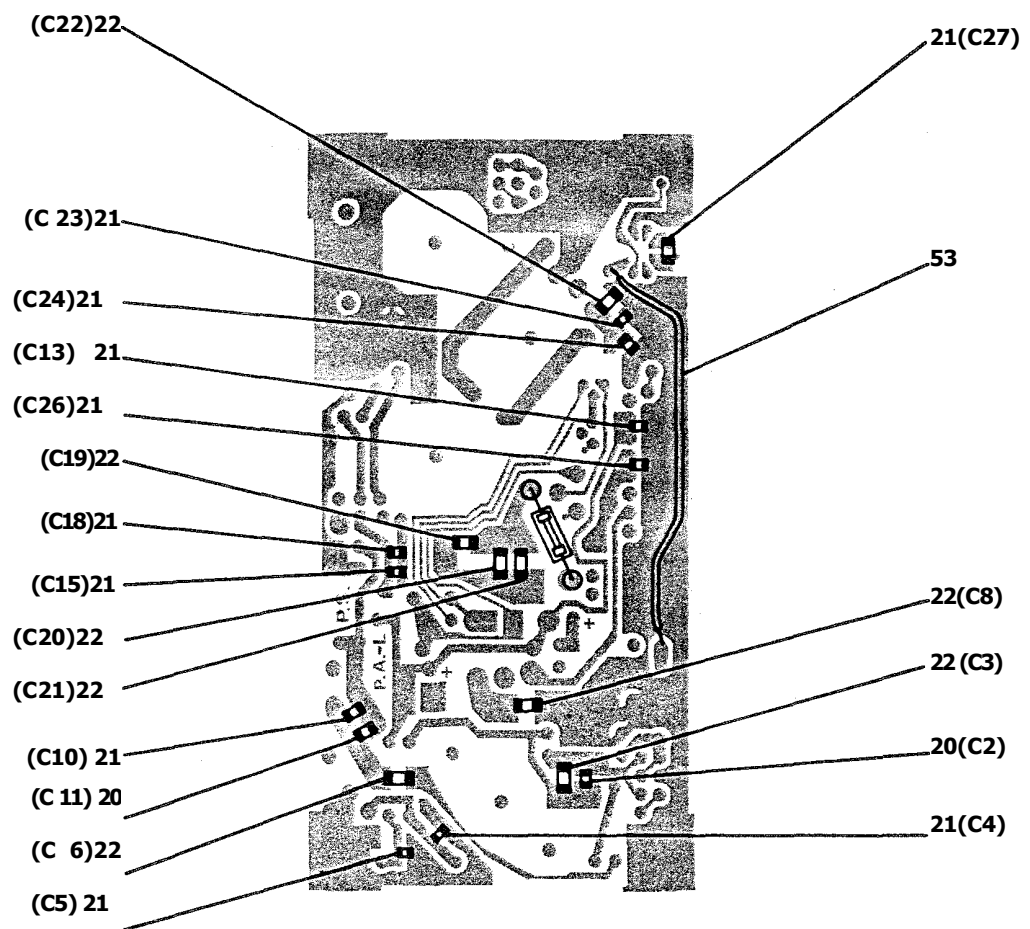


Figure 29. PA PC Board Assembly, (Sheet 2 of 2)

SECTION II
MAINTENANCE PARTS LIST

MA(P) -2124 -09514 -00

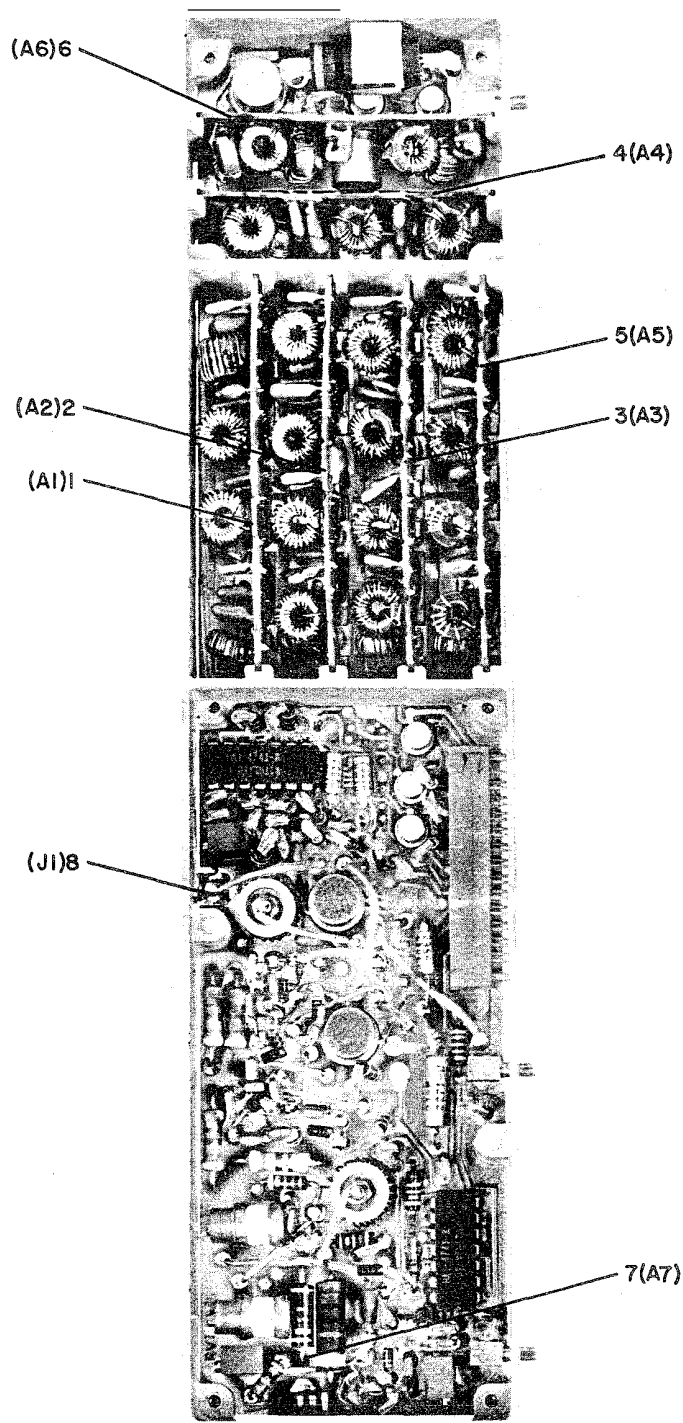


Figure 30. SNF Assembly, 1A5A3

SECTION II
MAINTENANCE PARTS LIST

MA(P) -2124-09514 -00

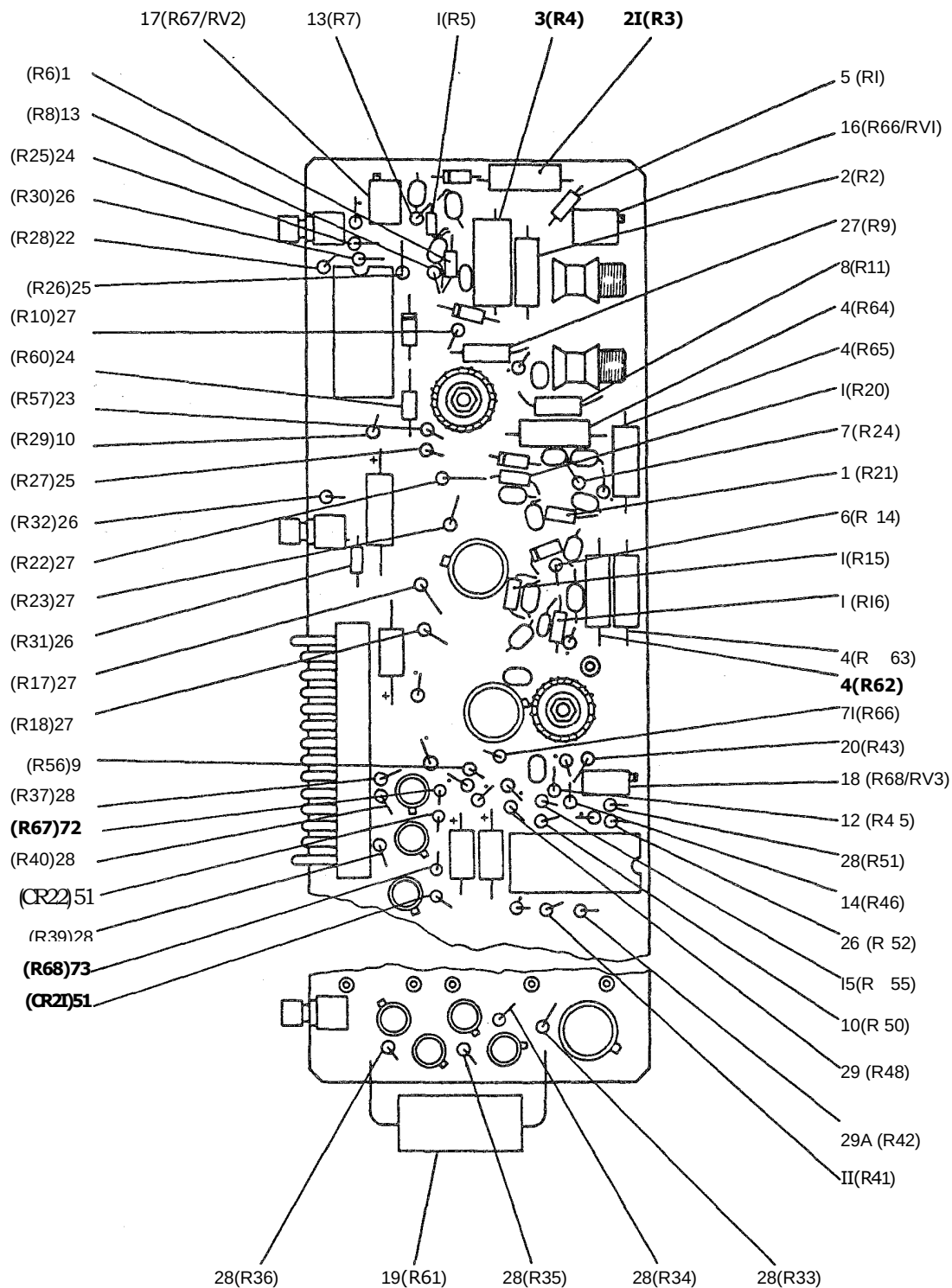


Figure 31. PC Board Assembly, 1A5A3A7 (Sheet 1 of 3)

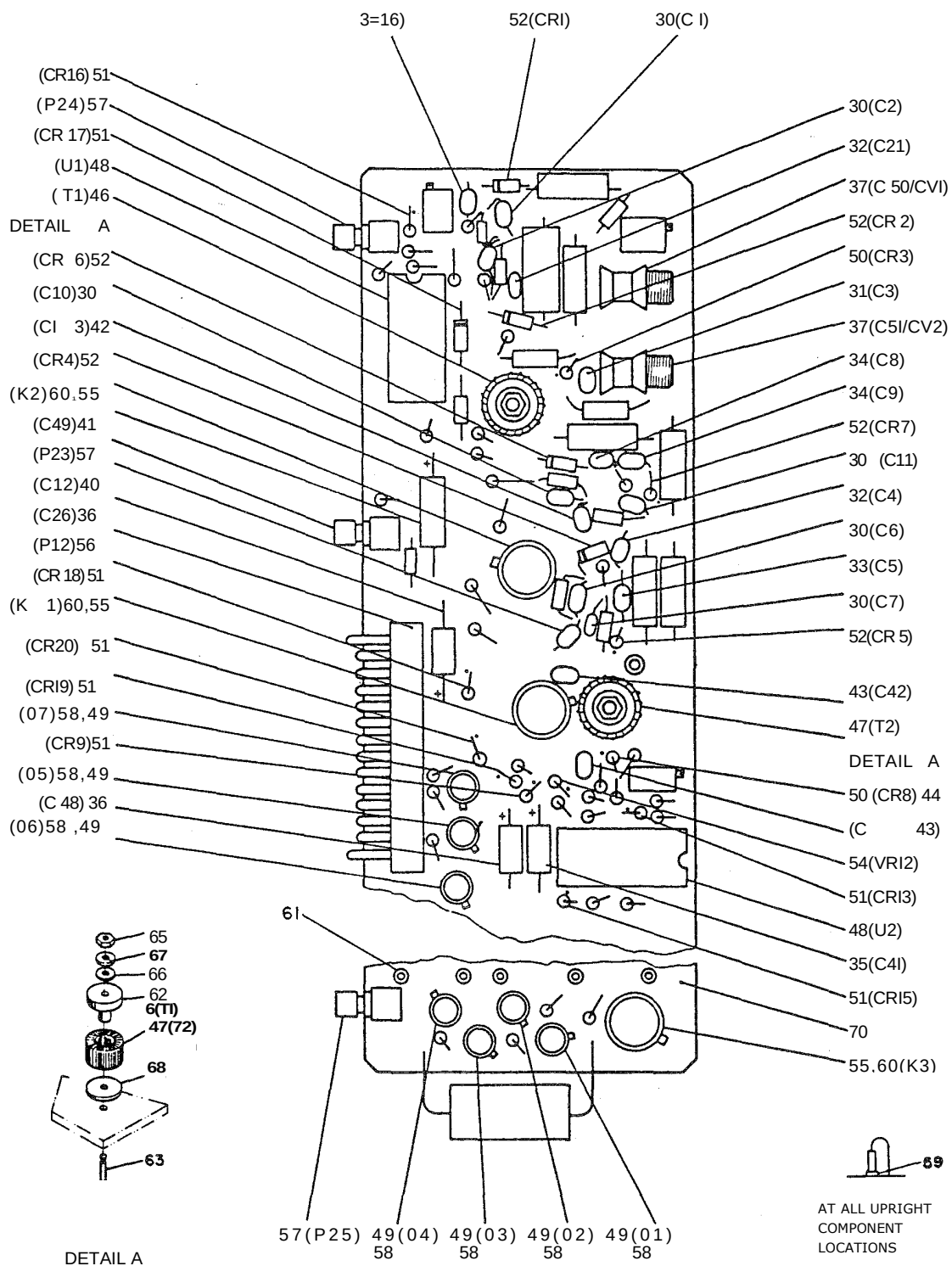


Figure 31. PC Board Assembly, 1A5A3A7 (Sheet 2 of 3)

SECTION II
MAINTENANCE PARTS LIST

MA(P) 2124 09514 00

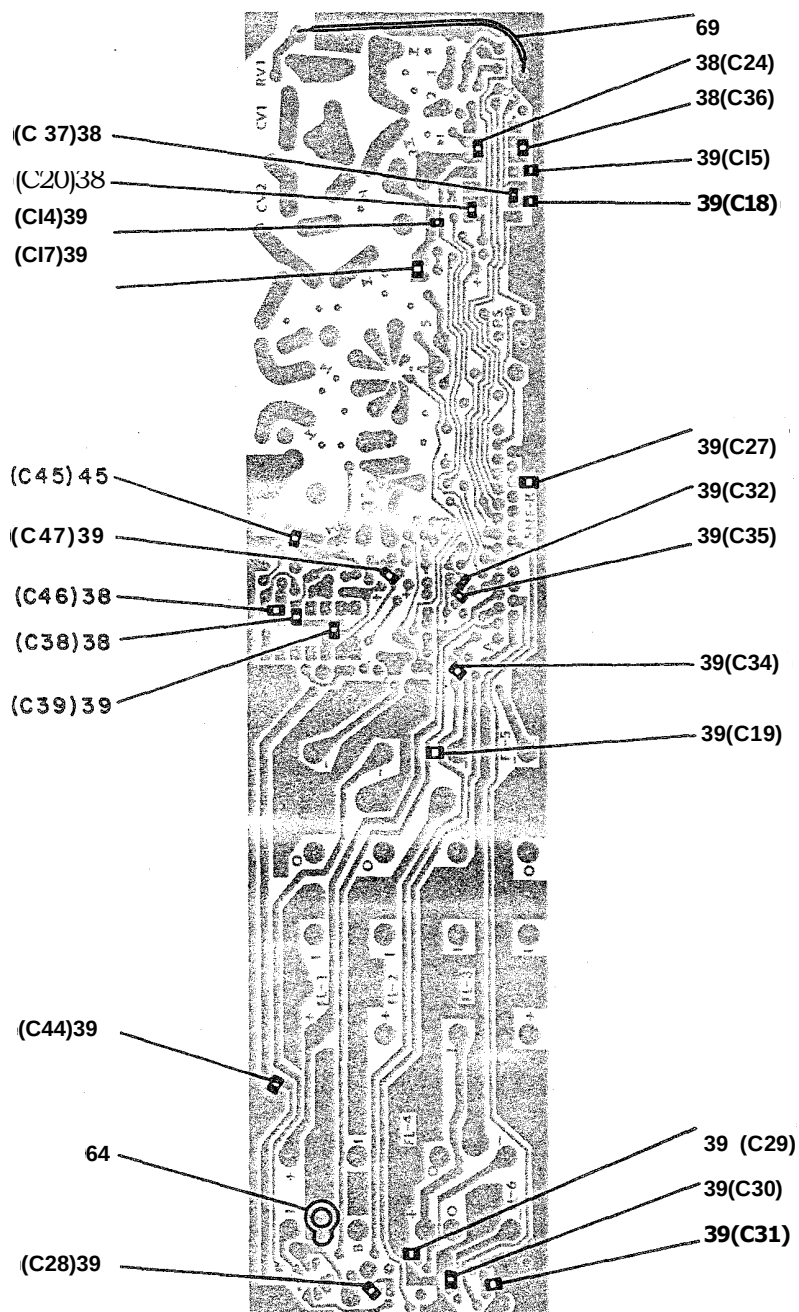


Figure 31, PC Board Assembly, 1A5A3A7 (Sheet 3 of 3)

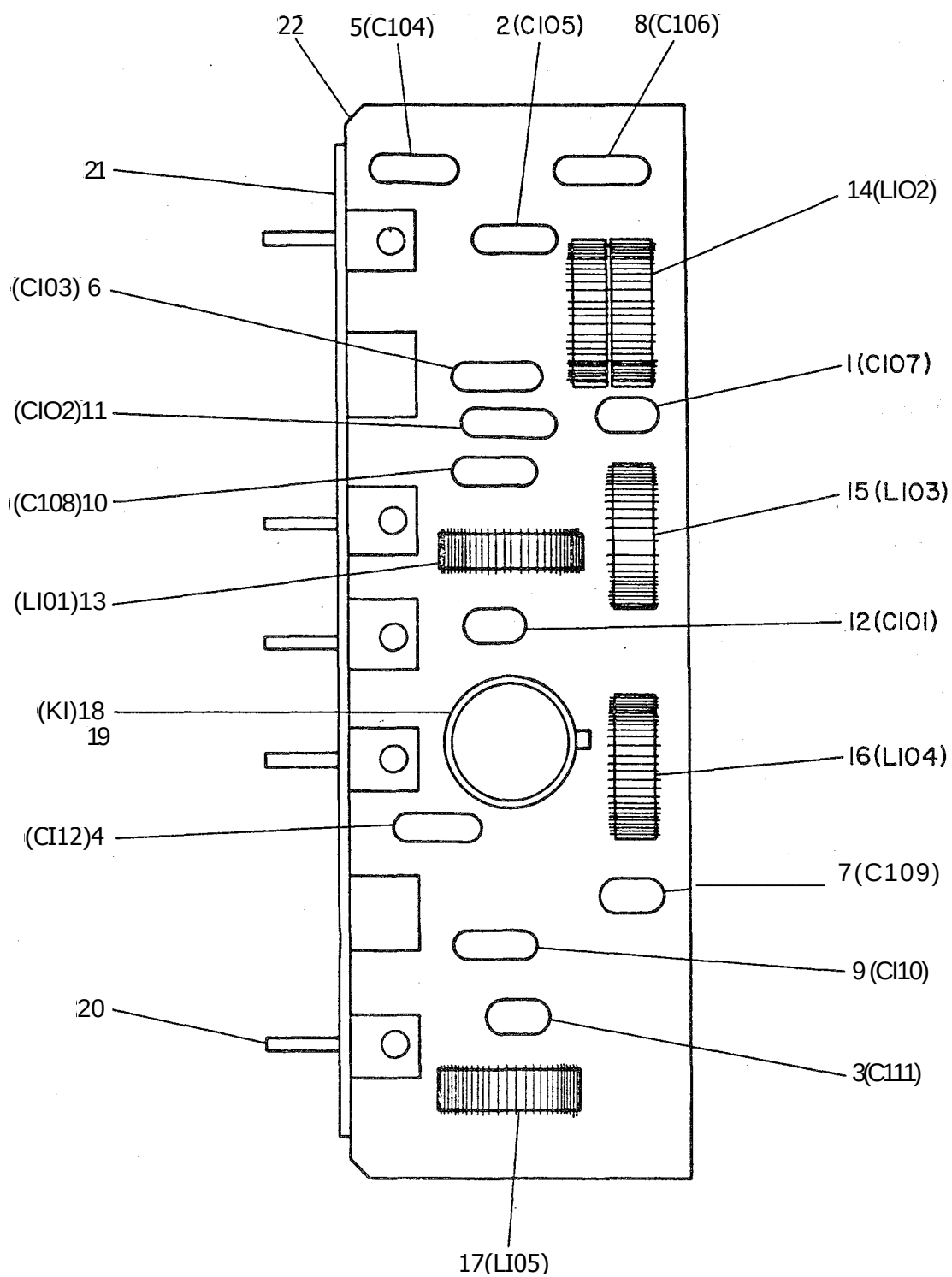


Figure 32. PC Board Assembly, 1A5A3A1 (FLU

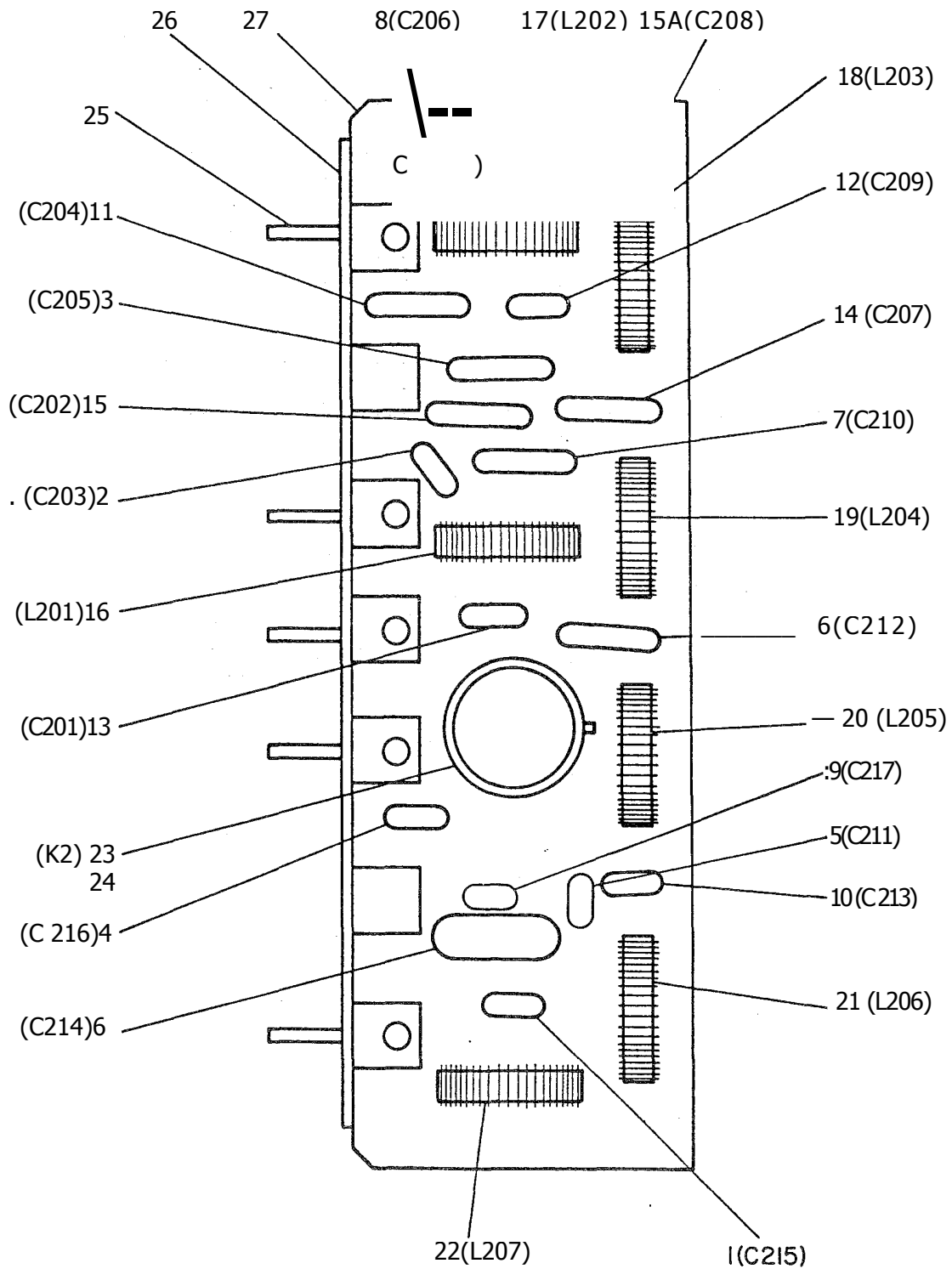


Figure 33. PC Board Assembly, 1A5A3A2 (FL2)

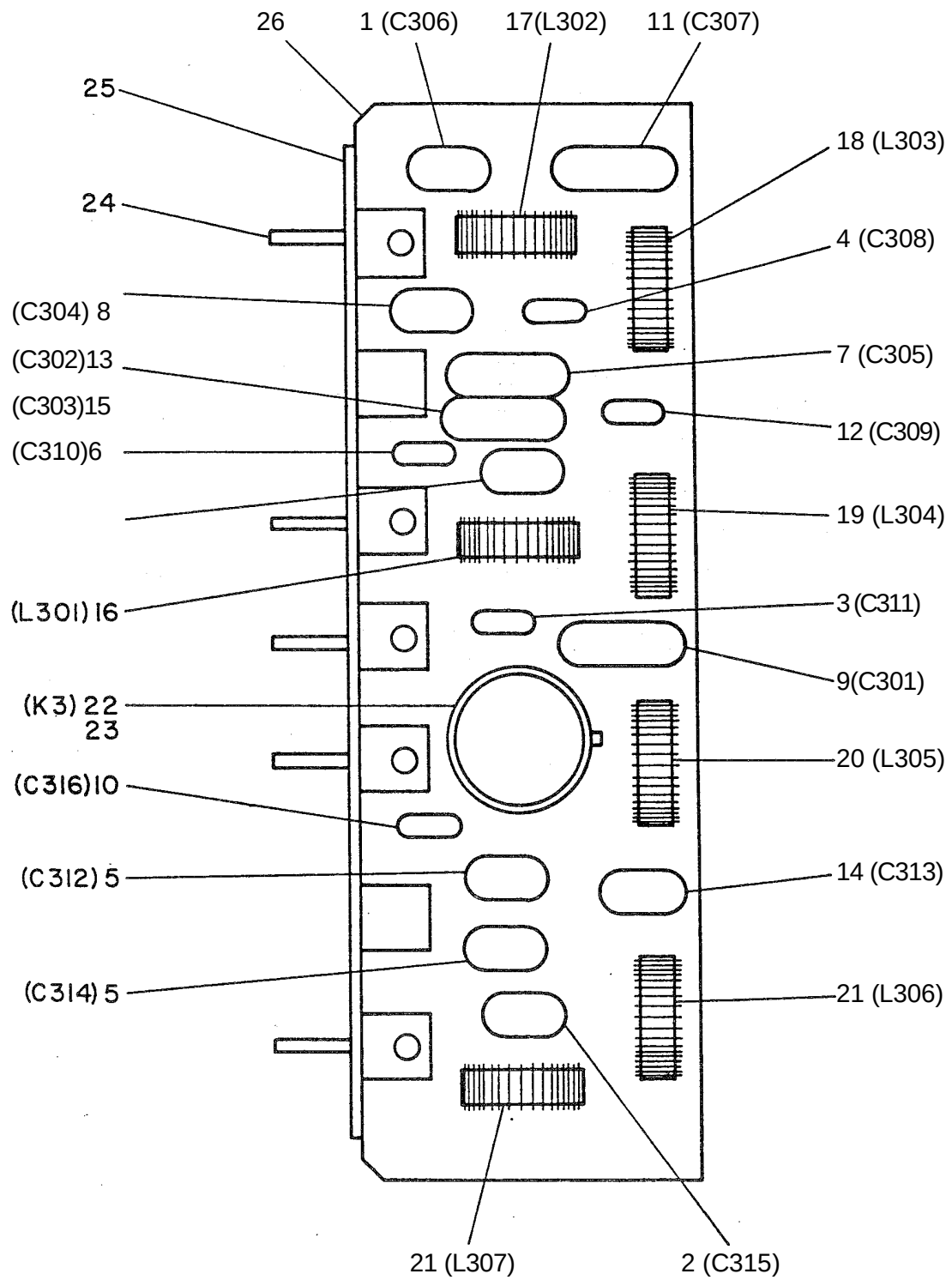


Figure 34, PC Board Assembly, 1A5A3A3 (FL3)

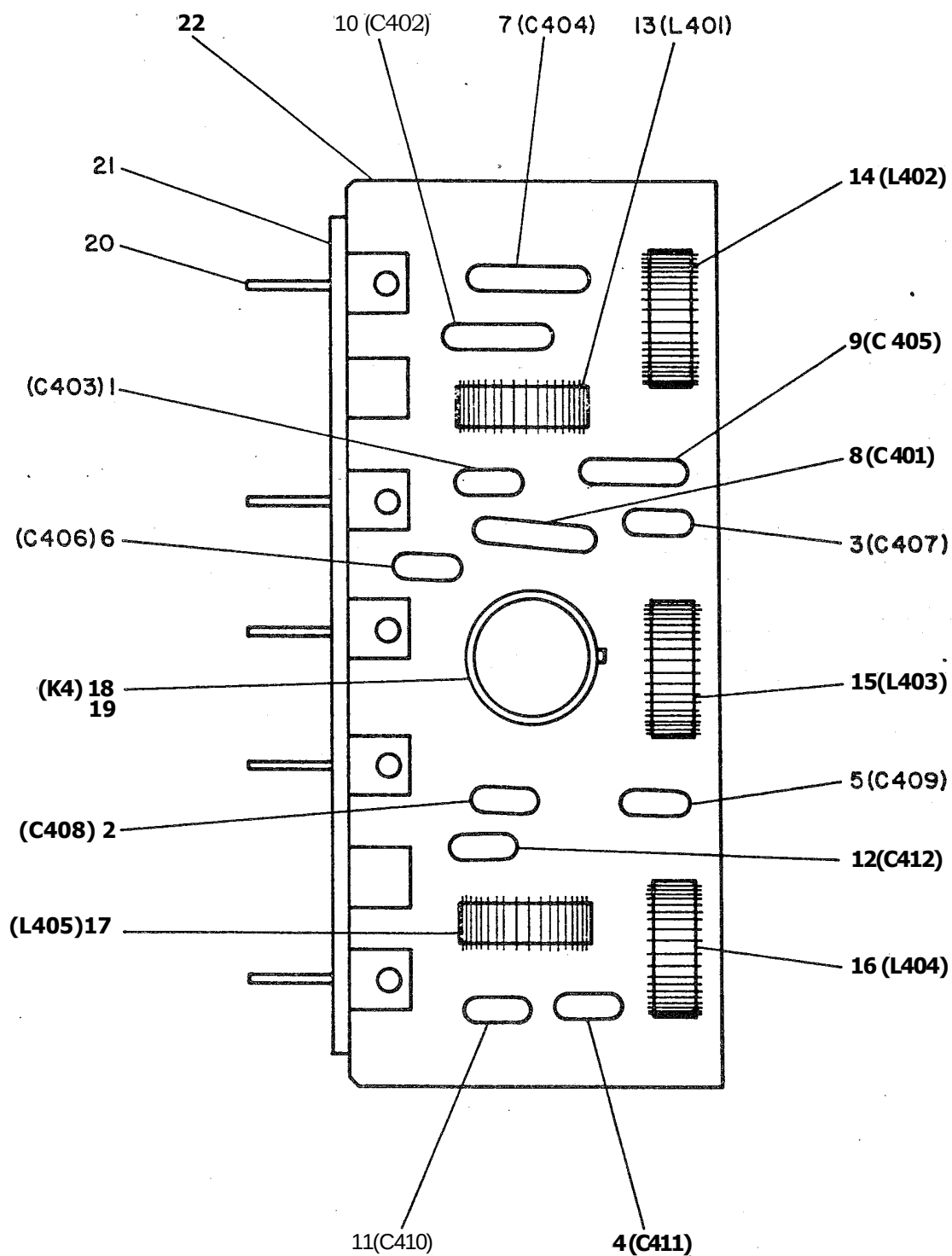


Figure 35. PC Board Assembly, 1A5A3A4 (FL4)

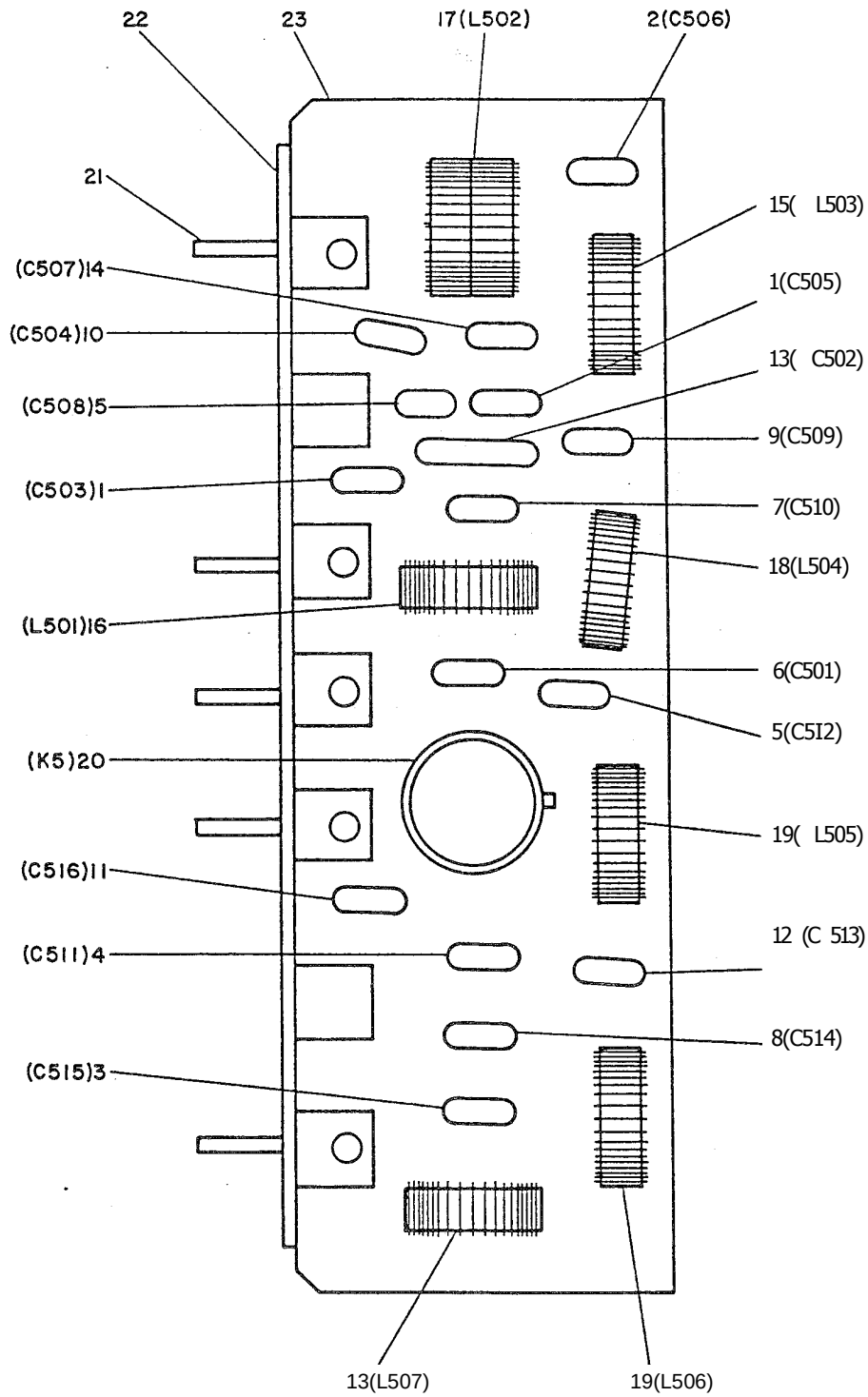


Figure 36. PC Board Assembly, 1A5A3A5 (FL-5)

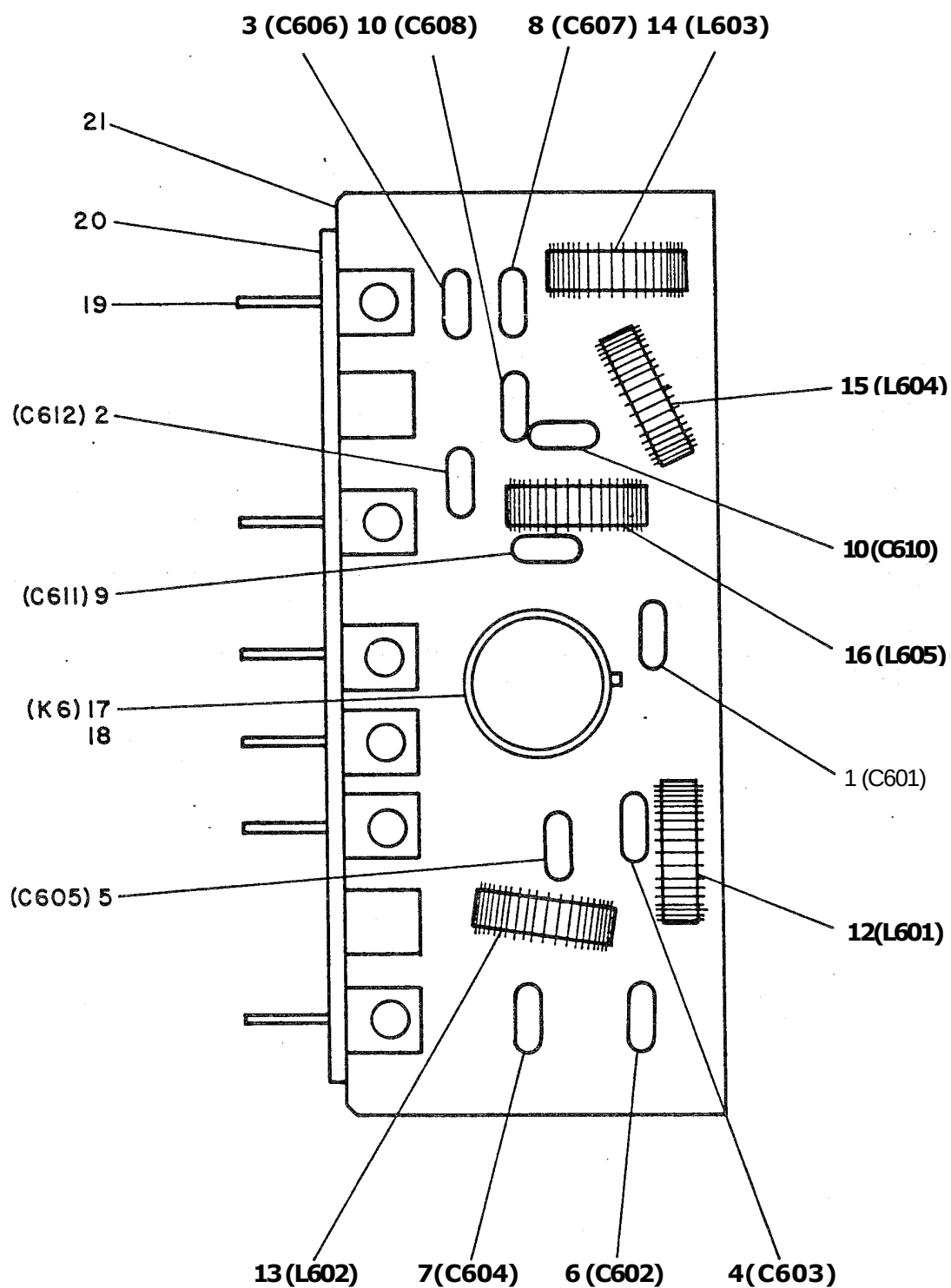
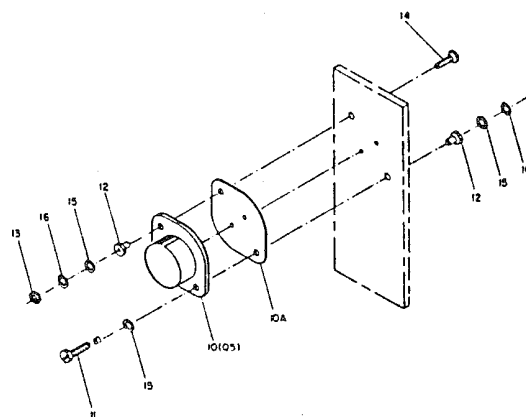
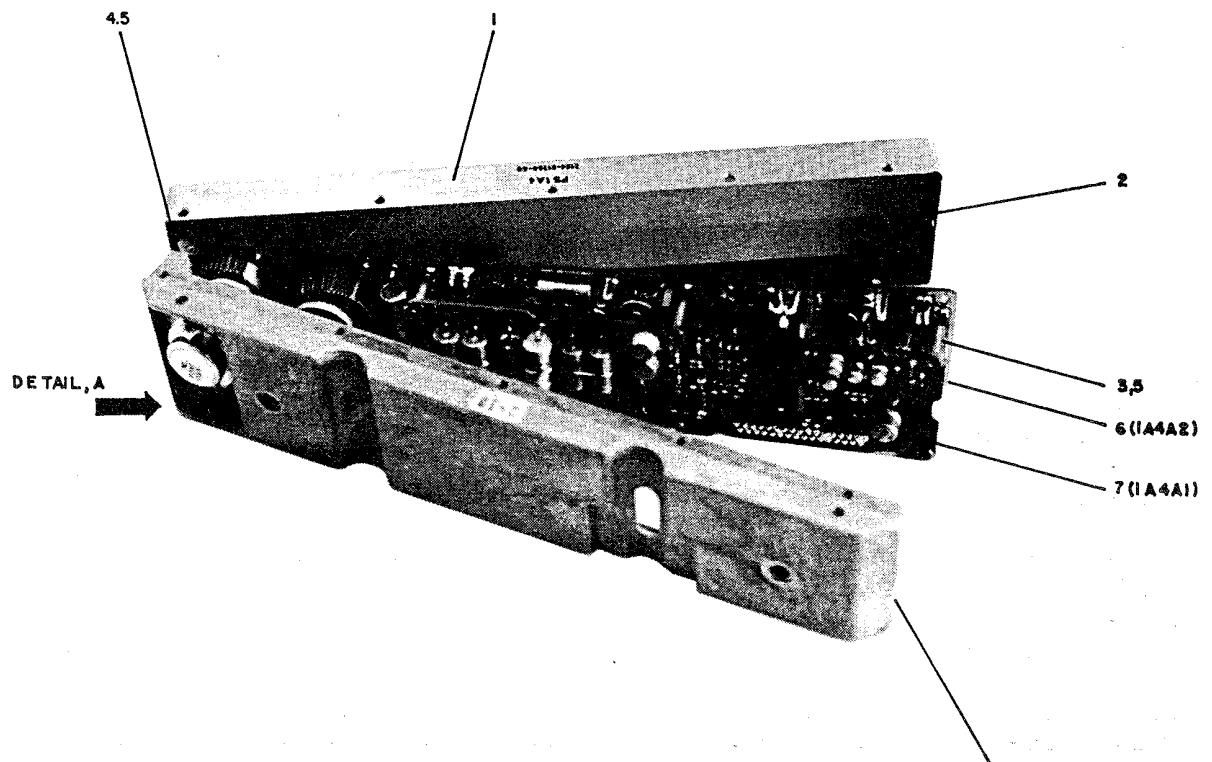


Figure 37. PC Board Assembly, 1A5A3A6 (FL6)



DETAIL A

Figure 38, Power Supply Aseerribly (1A4)

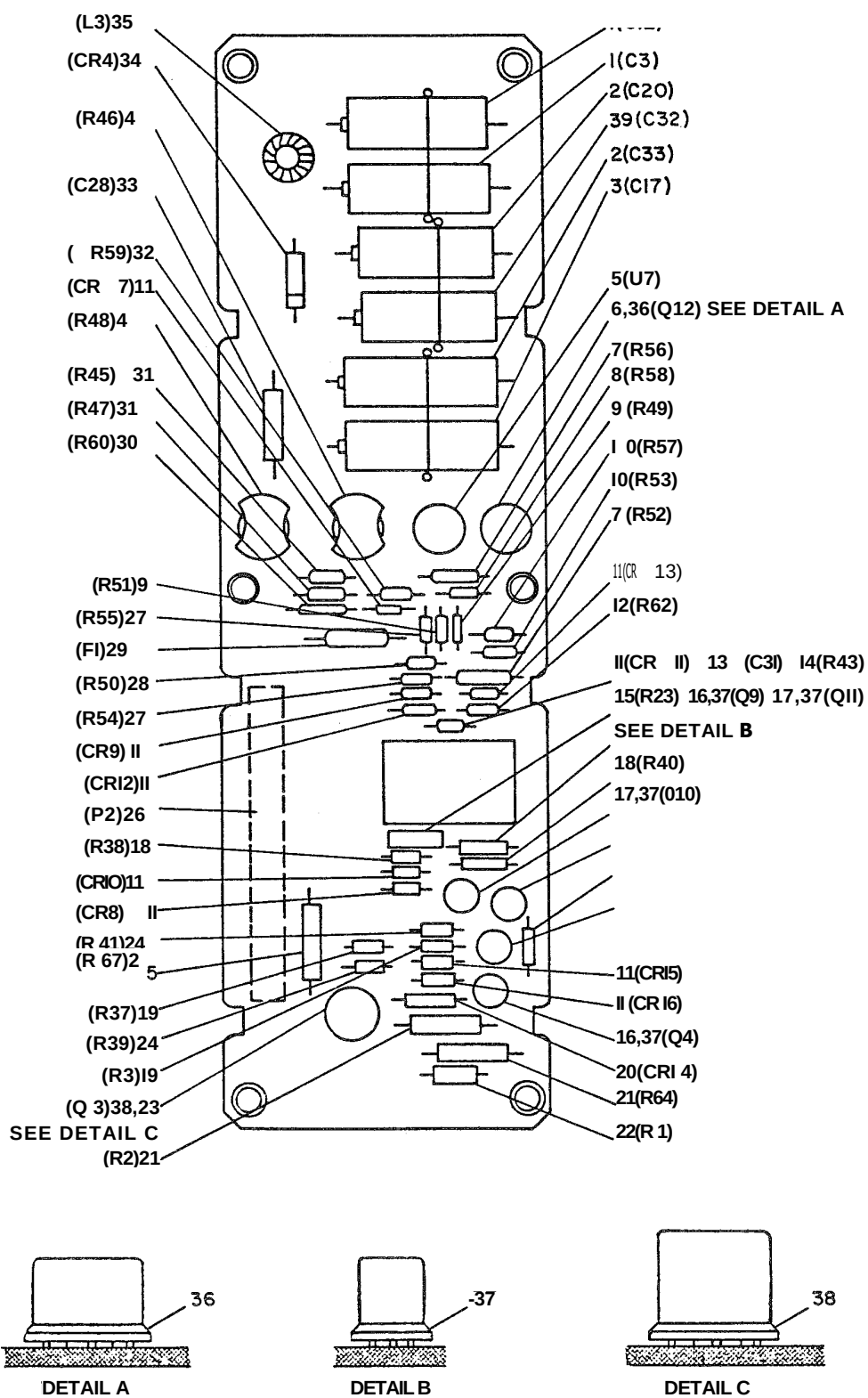


Figure 39. PC Board PS Assembly, PCB2, 1A4A2

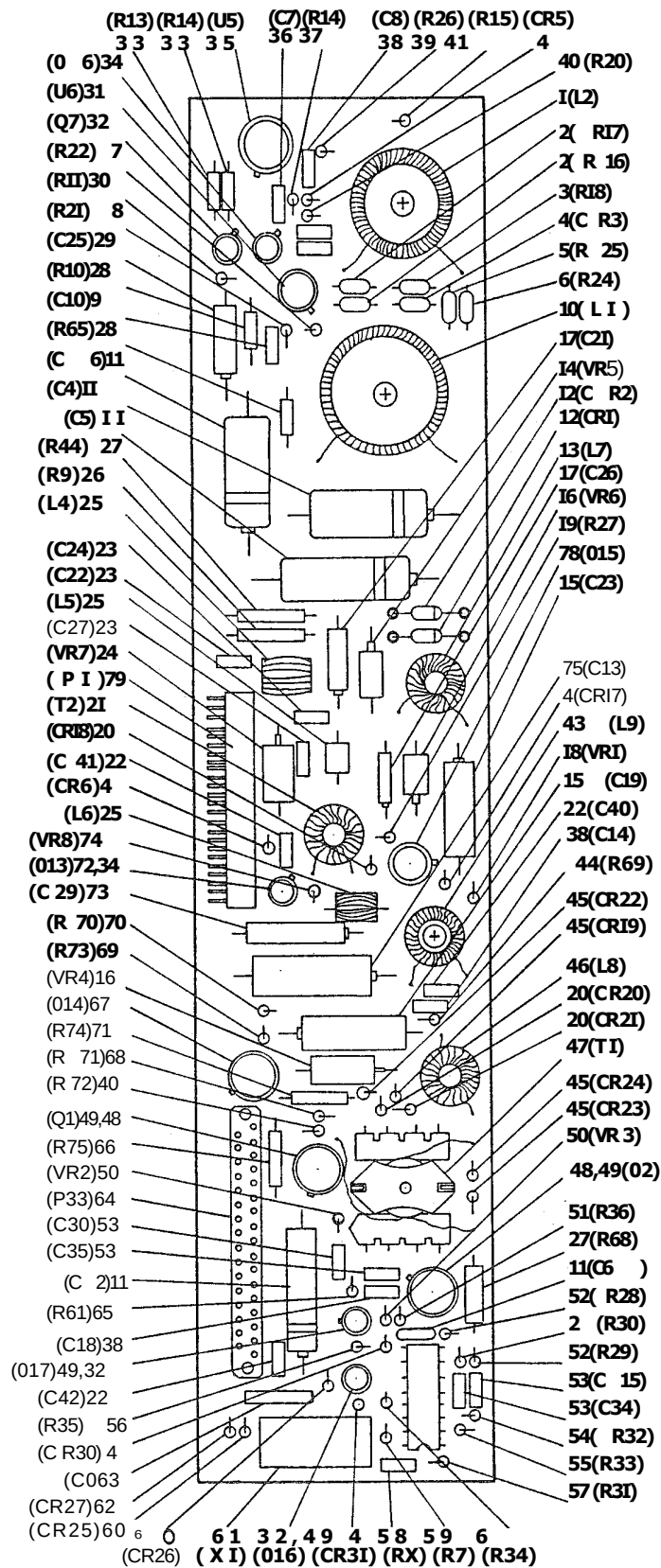


Figure 40. PC Board PS Assembly, PCB1, 1A4A1