

SECTION II  
RADIO SET GROUP ASSEMBLY PARTS LIST



Fig. 1 - PRC-660T SYSTEM, GENERAL VIEW

RECEIVING  
TWO STATION COMMUNICATIONS FOR UNIT



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
2-				
-1	5991150	PRC SUB-ASSEMBLY (See fig 4).....	33859	1
-2	5991810	CASE ASSEMBLY (See fig 3).....	33859	1

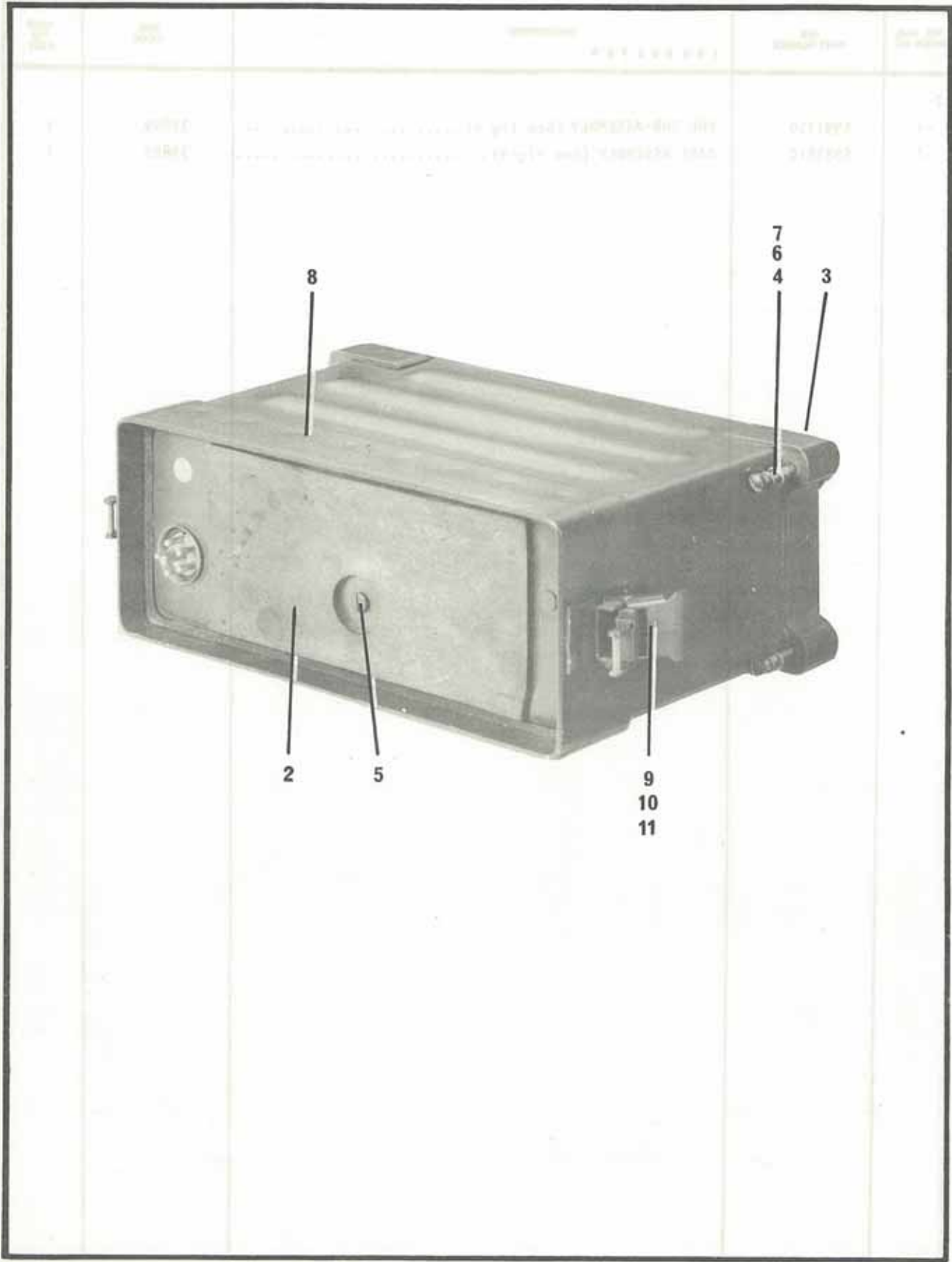
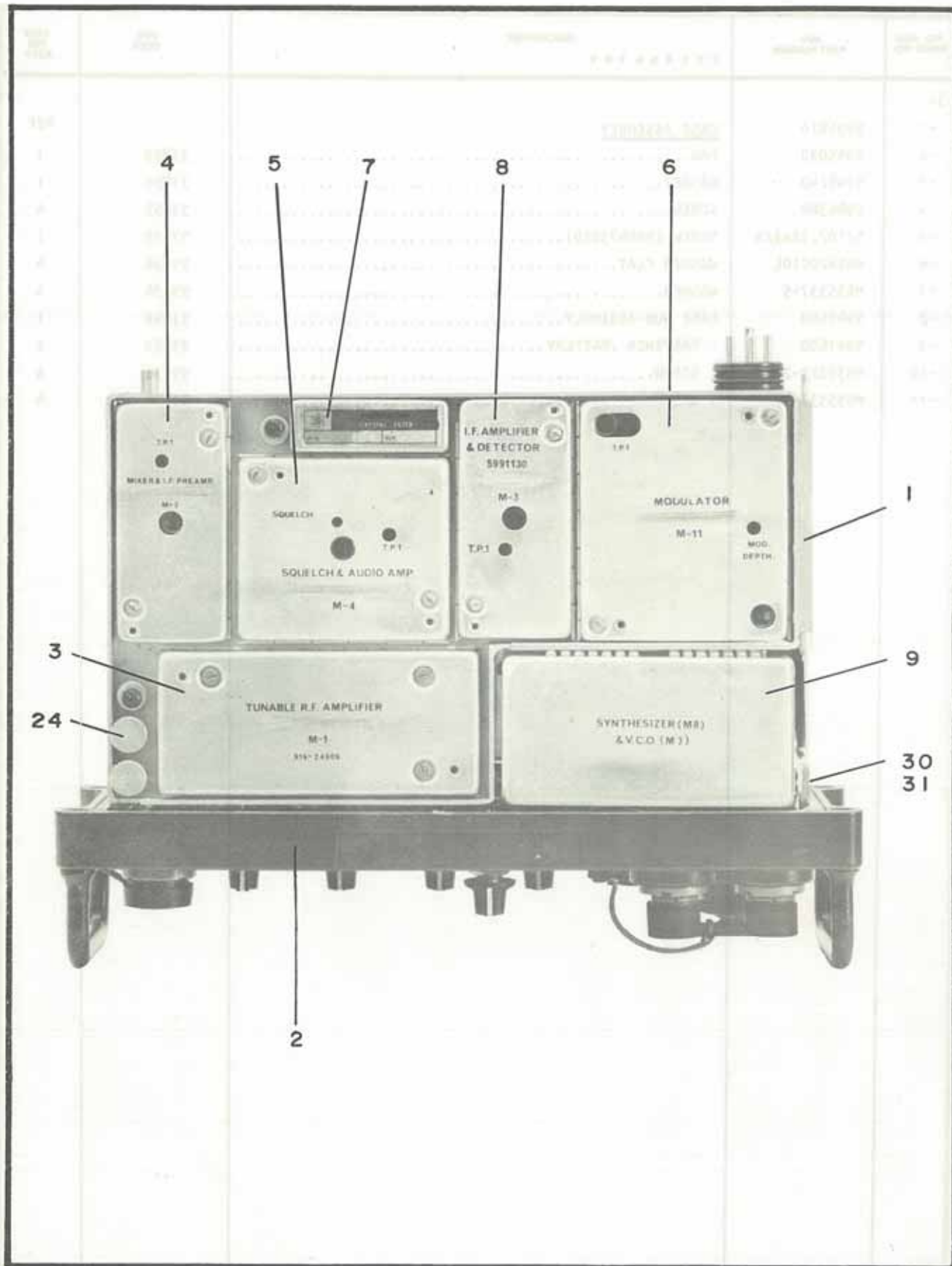


Fig. 3 - CASE, PRC-660T







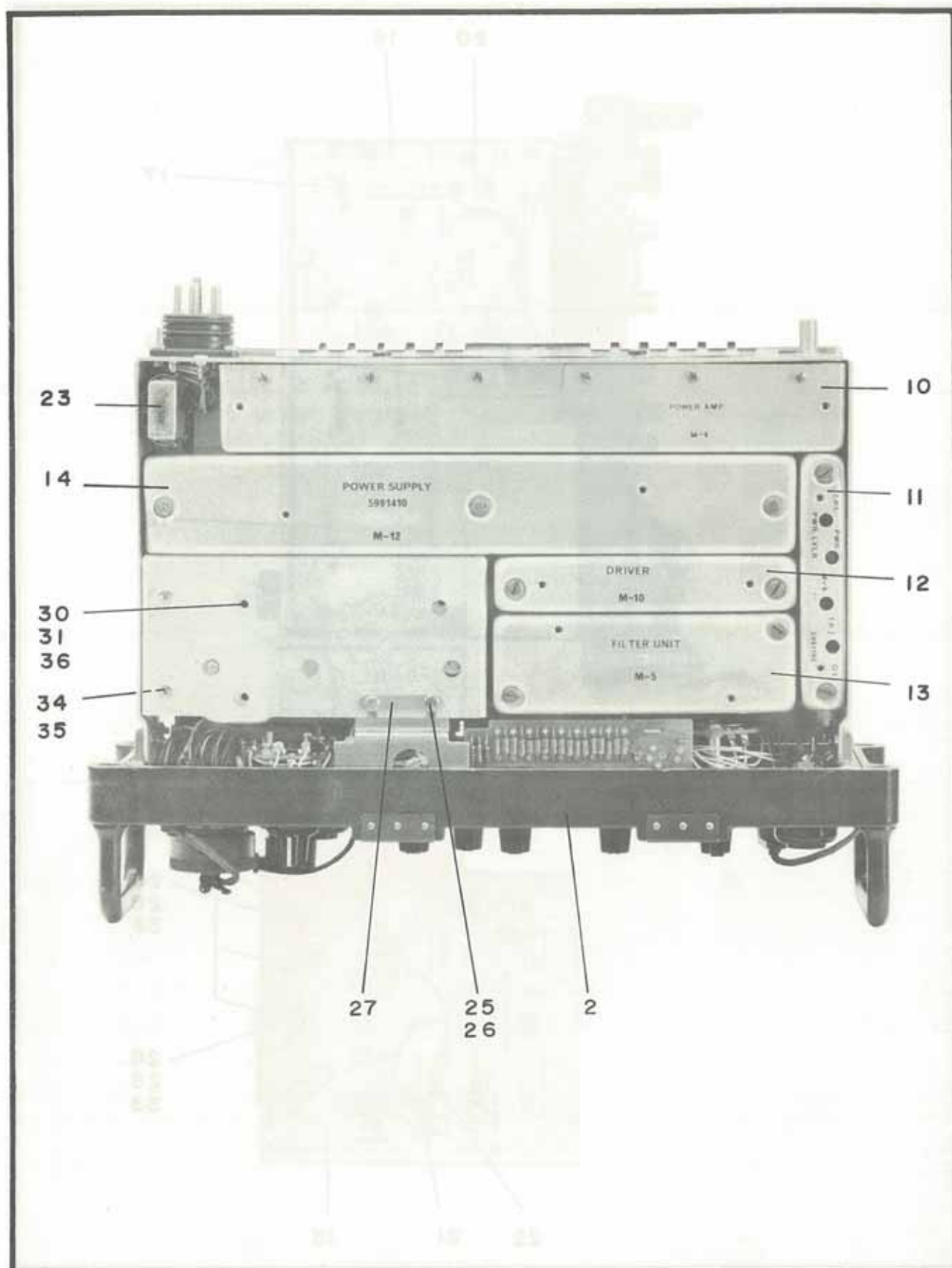


Fig. 4 TRANSCEIVER RT-6241T SUB-ASSEMBLY (2 of 3)

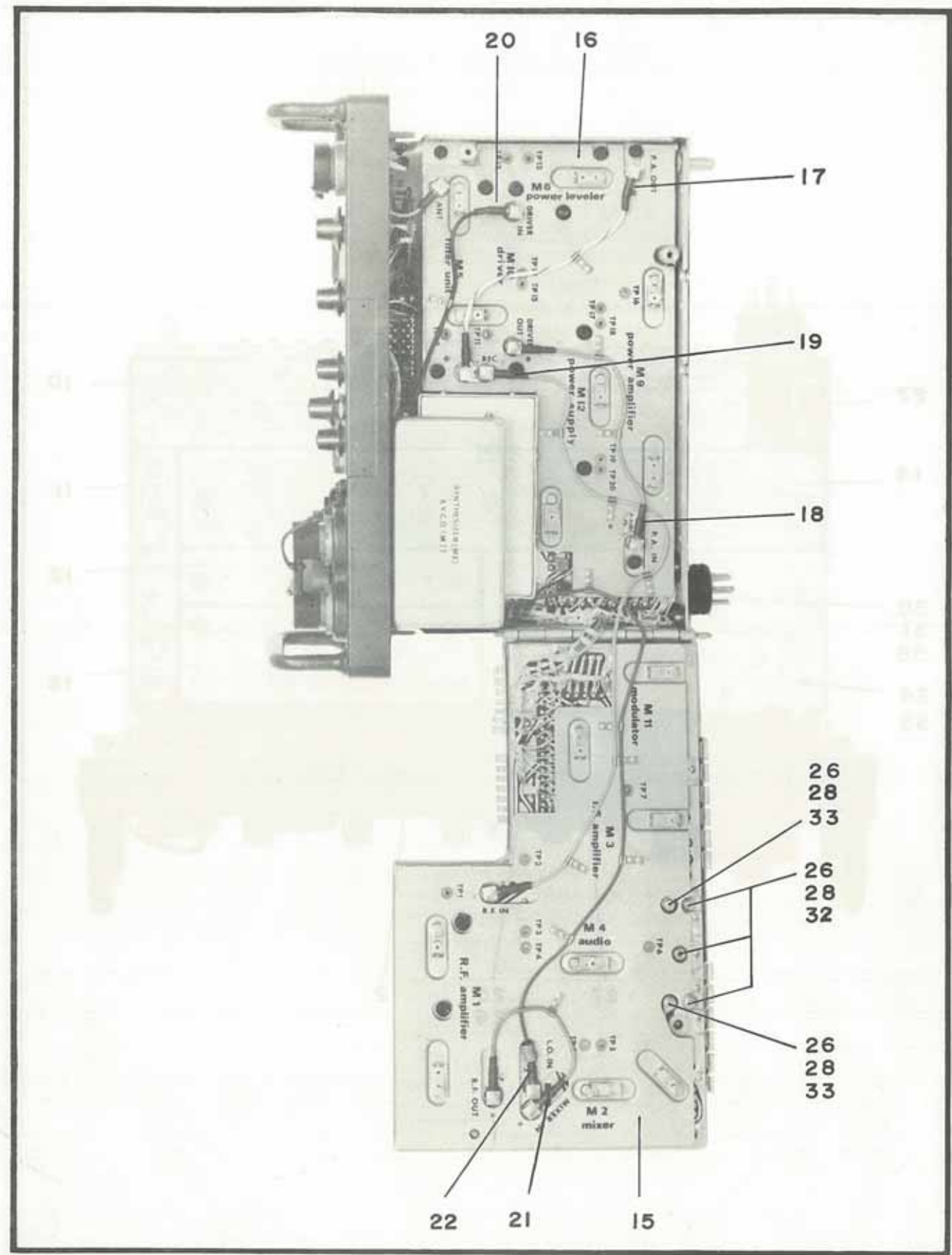


Fig. 4 TRANSCEIVER RT-6241T SUB-ASSEMBLY (3 of 3)



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
4-	5991150	<u>PRC SUB-ASSEMBLY (TRANSEVER RT-6241)</u>		REF
-1	5991050	CHASIS ASSEMBLY (See fig 5).....	33859	1
-2	5991040	PANEL ASSEMBLY (M13) (See fig 37) .....	33859	1
-3	5991060	R F AMPLIFIER ASSEMBLY (M1) (See fig 6) .....	33859	1
-4	5991100	MIXER I F ASSEMBLY (M2) (See fig 8) .....	33859	1
-5	5991160	AUDIO AMPLIFIER ASSEMBLY (M4) (See fig 12) .....	33859	1
-6	5991380	MODULATOR ASSEMBLY (M11) (See fig 32) .....	33859	1
-7	5914001	FILTER CRYSTAL .....	33859	1
-8	5991130	I F AMPLIFIER ASSEMBLY (M3) (See fig 10) .....	33859	1
-9	5992010	SYNTHESIZER ASSEMBLY (M7 & M8) (See fig 19) .....	33859	1
-10	5991250	POWER AMPLIFIER ASSEMBLY (M9) (See fig 27) .....	33859	1
-11	5991190	POWER LEVELER ASSEMBLY (M6) (See fig 17) .....	33859	1
-12	5991320	DRIVER ASSEMBLY (M10) (See fig 30) .....	33859	1
-13	5991470	FILTER ASSEMBLY (M5) (See fig 14) .....	33859	1
-14	5991410	POWER SUPPLY ASSEMBLY (M12) (See fig 34) .....	33859	1
-15	5992130	PARTITION UPPER ASSEMBLY .....	33859	1
-16	5992120	PARTITION LOWER ASSEMBLY .....	33859	1
-17	59930200-2	CABLE ASSEMBLY .....	33859	1
-18	59930100-6	CABLE ASSEMBLY .....	33859	1
-19	59930100-3	CABLE ASSEMBLY .....	33859	1
-20	59930100-5	CABLE ASSEMBLY .....	33859	1
-21	59930100-1	CABLE ASSEMBLY .....	33859	1
-22	59930100-4	CABLE ASSEMBLY .....	33859	1
-23	2BC-1664	RELAY (SM447085C).....	02289	1
-24	5946670	EXTRACTOR .....	33859	2
-25	MS35223-13	SCREW .....	99536	2
-26	MS35337-40	WASHER .....	99536	7
-27	5953140	WASHER FLAT .....	33859	1
-28	NAS671-4	NUT .....	99536	5
-29		deleted		
-30	MS35223-25	SCREW .....	99536	9
-31	MS35337-41	WASHER .....	99536	9
-32	5944740	WASHER .....	33859	3
-33	NAS620C4L	WASHER .....	99536	2
-34	MS35337-39	WASHER .....	99536	2
-35	MS35223-2	SCREW .....	99536	2
-36	MS15795-805	WASHER .....	99536	3

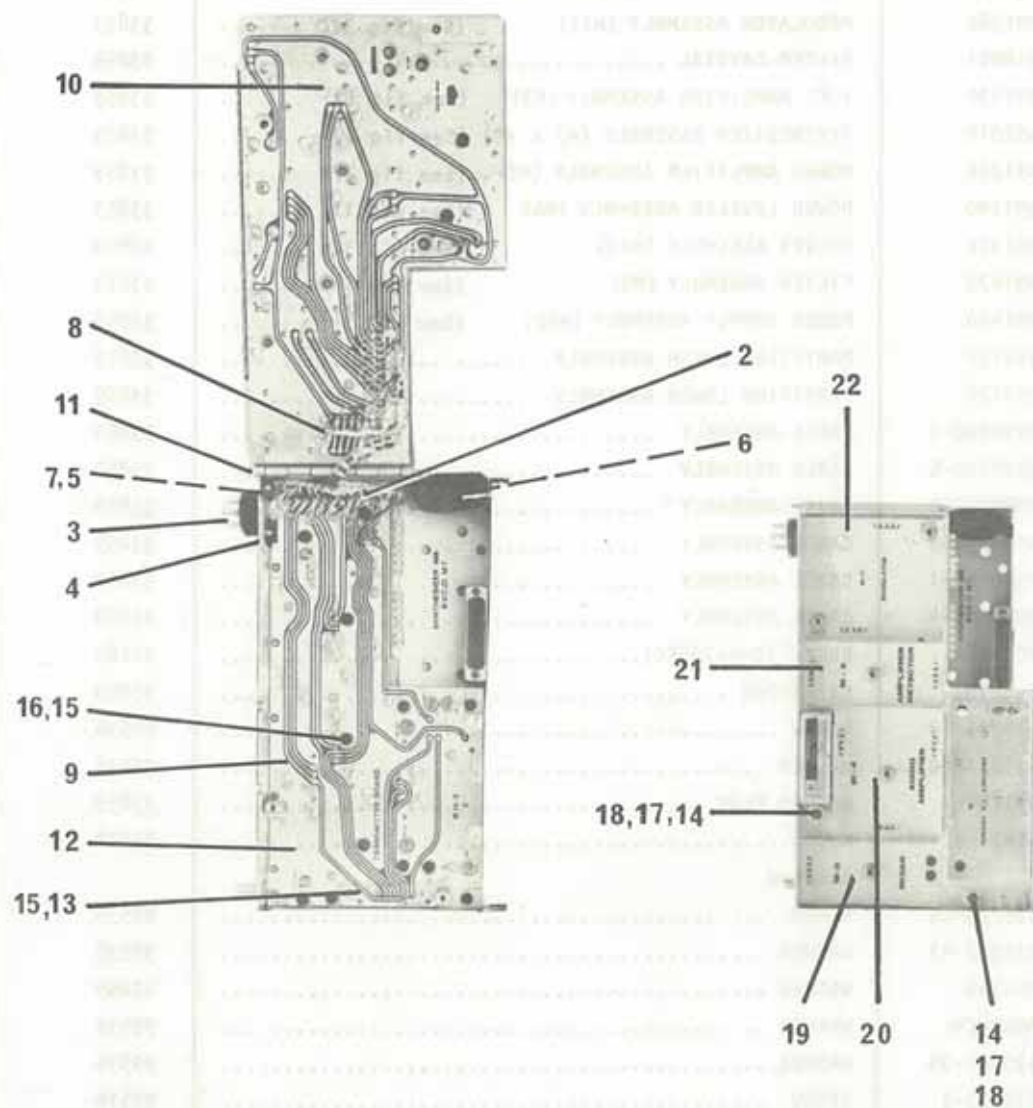


Fig. 5A - CHASSIS ASSEMBLY

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION										MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6	7	8	9			
5A-													
-1	5991050	CHASSIS ASSEMBLY.....											REF
-2	5993110	CABLE ASSEMBLY.....										33859	1
-3	5933016	CONNECTOR.....										33859	1
-4	MS35223-13	SCREW.....										99536	4
-5	5933082	SOCKET RELAY ASSEMBLY.....										33859	1
-6	5946660	SCREW CONNECTOR.....										33859	2
-7	MS35239-19	SCREW.....										99536	2
-8	5947100	TERMINAL LUG (SM449084B).....										33859	2
-9	5991760	CHASSIS SUB-ASSEMBLY.....										33859	1
-10	5991720	. UPPER BOARD SUB-ASSEMBLY.....										33859	1
-11	5946320	. PIN, HINGE.....										33859	1
-12	5991790	. LOWER BOARD ASSEMBLY.....										33859	1
-13	MS35221-30	. SCREW.....										99536	8
-14	MS35223-32	. SCREW.....										99536	2
-15	MS35337-41	. WASHER.....										99536	16
-16	MS35223-29	. SCREW.....										99536	8
-17	5943070	. WASHER (SM447930B).....										33859	2
-18	MS2458C-238	. SPRING.....										99536	2
-19	5949050	. INSULATOR.....										33859	1
-20	5949070	. INSULATOR.....										33859	1
-21	5949060	. INSULATOR.....										33859	1
-22	5949080	. INSULATOR.....										33859	1



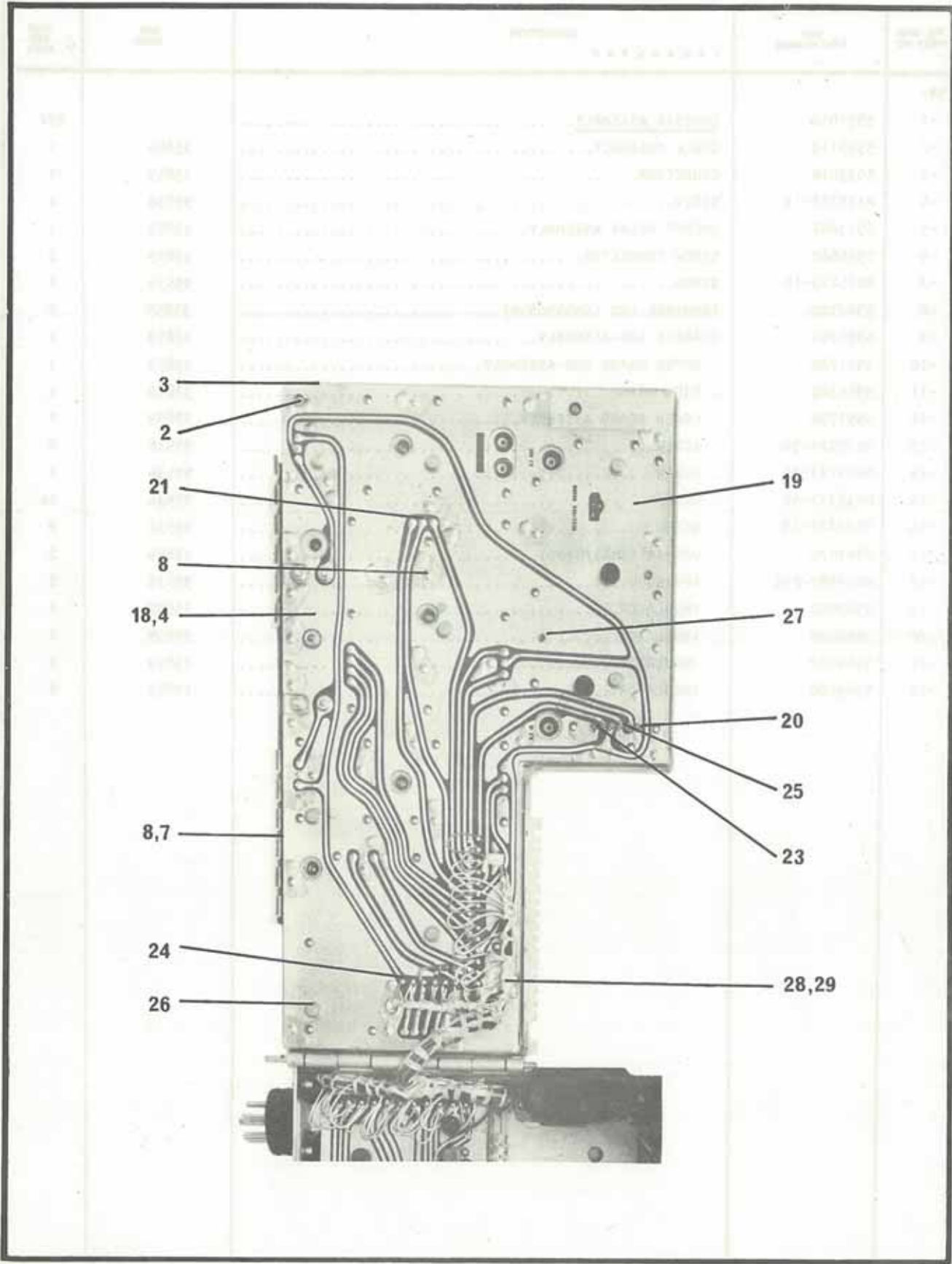


Fig. 5B - UPPER BOARD SUB-ASSEMBLY (1 of 2)

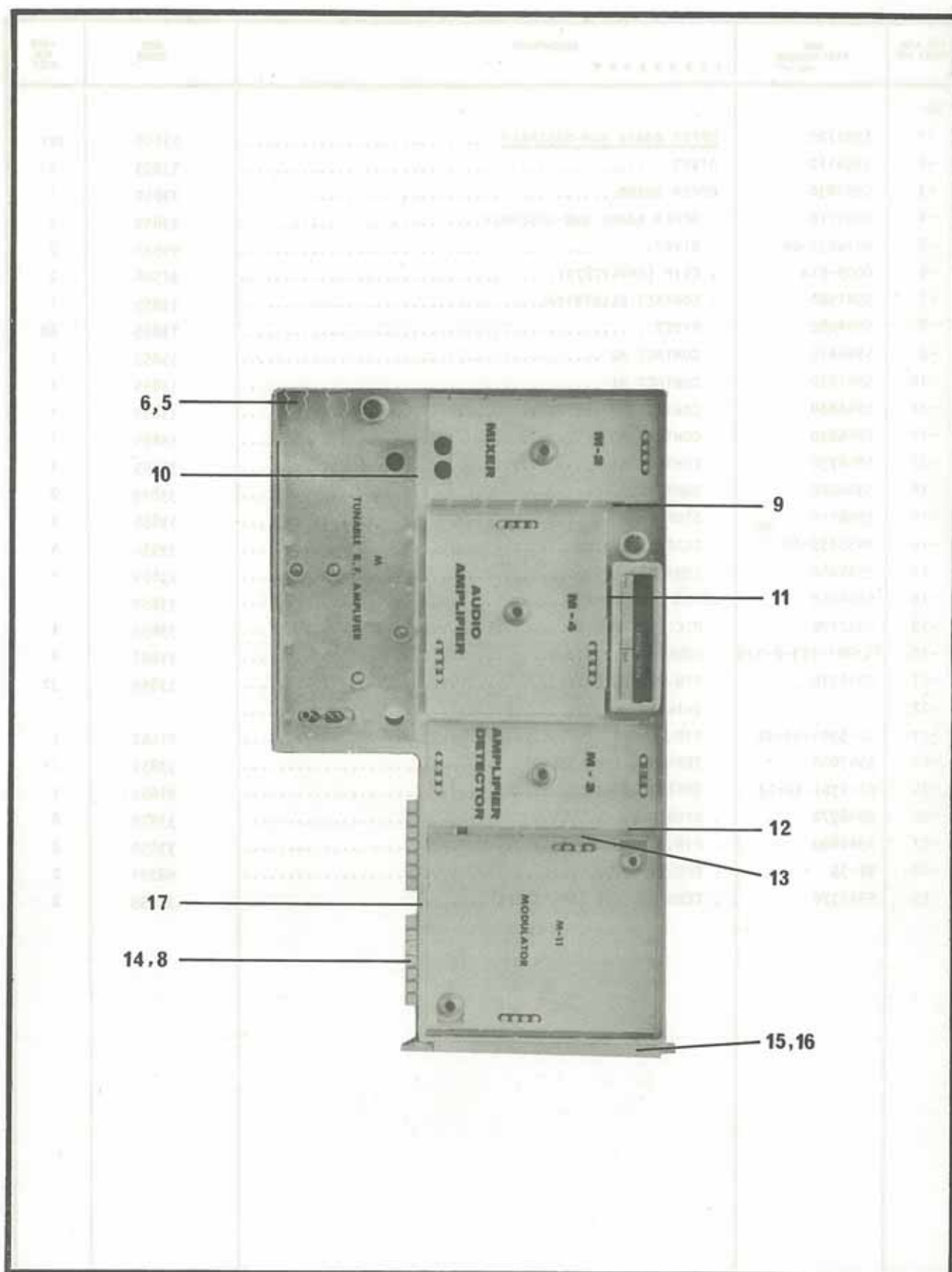


Fig. 5B - UPPER BOARD SUB-ASSEMBLY (2 of 2)

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
5B-				
-1	5991720	UPPER BOARD SUB-ASSEMBLY.....	33859	REF
-2	5954110	RIVET.....	33859	27
-3	5991830	UPPER BOARD.....	33859	1
-4	5991710	. UPPER BOARD SUB-ASSEMBLY.....	33859	1
-5	MS16535-64	. RIVET.....	99536	2
-6	6009-91A	. CLIP (SM447787B).....	91506	2
-7	5941980	. CONTACT ELECTRICAL.....	33859	1
-8	5954080	. RIVET.....	33859	60
-9	5946870	. CONTACT M2 .....	33859	1
-10	5941530	. CONTACT M1 .....	33859	1
-11	5946820	. CONTACT M4 .....	33859	1
-12	5946830	. CONTACT M3 .....	33859	1
-13	5846770	. CONTACT M11 .....	33859	1
-14	5944050	. CONTACT.....	33859	2
-15	5946110	. STOP CHASSIS.....	33859	1
-16	MS35239-10	. SCREW.....	99536	4
-17	5944040	. CONTACT.....	33859	1
-18	5994150	UPPER P.C. BOARD.....	33859	
-19	5932170	. P.C. BOARD.....	33859	1
-20	02-001-113-6-125	. CONNECTOR.....	91662	4
-21	5946310	. PIN,CONNECTOR.....	33859	32
-22		. deleted.....		
-23	62-5301-41-12	. PIN, GUIDE.....	91662	1
-24	5947050	. TERMINAL (SM447366B).....	33859	21
-25	62-5301-40-12	. SOCKET, GUIDE.....	91662	1
-26	5946970	. STUD.....	33859	8
-27	5946840	. PIN, GUIDE.....	33859	2
-28	SE-35	. EYELET.....	98291	2
-29	5941370	. TERMINAL LUG (SM449084B).....	33859	2



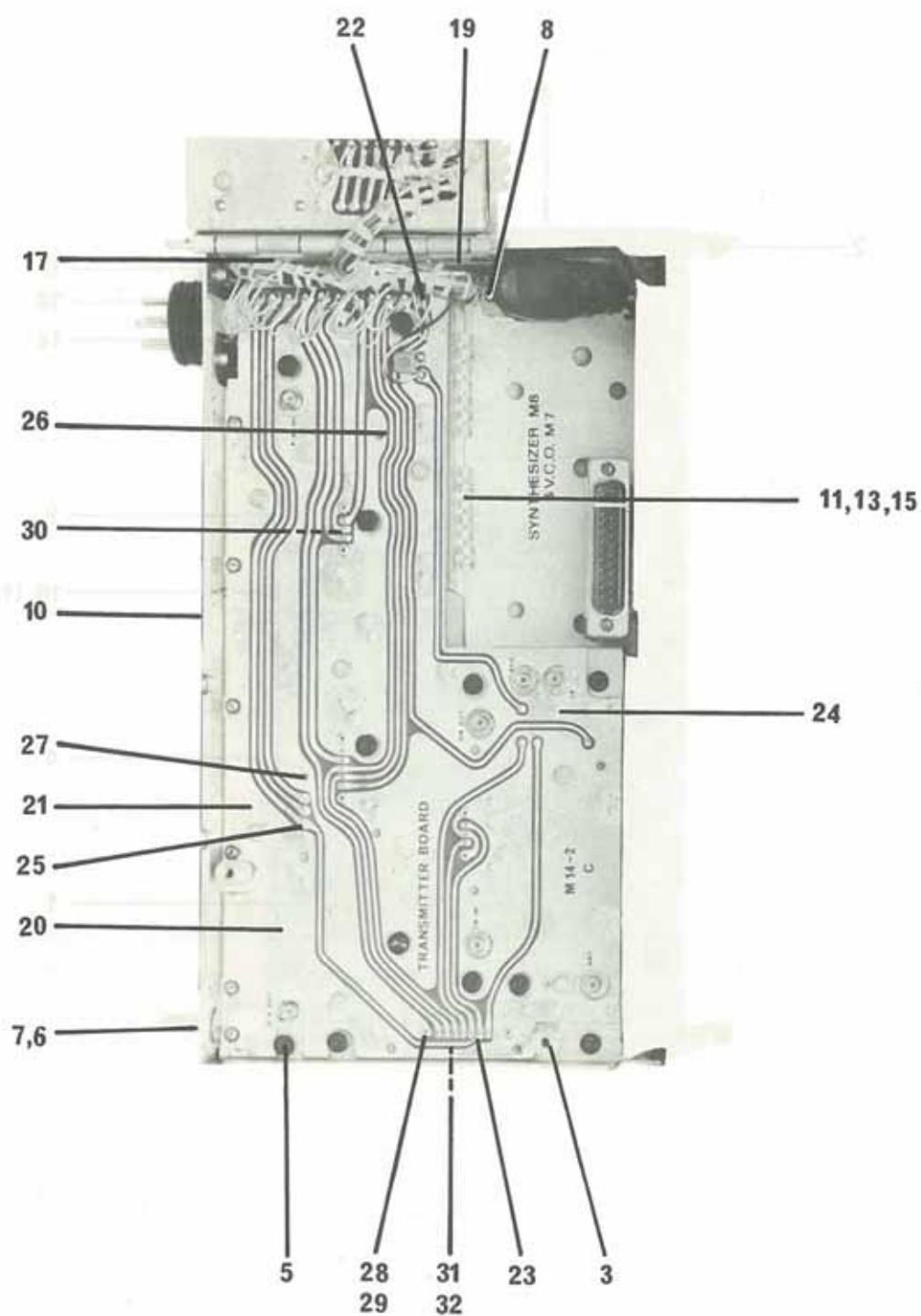


Fig. 5C - LOWER BOARD ASSEMBLY (1 of 2)

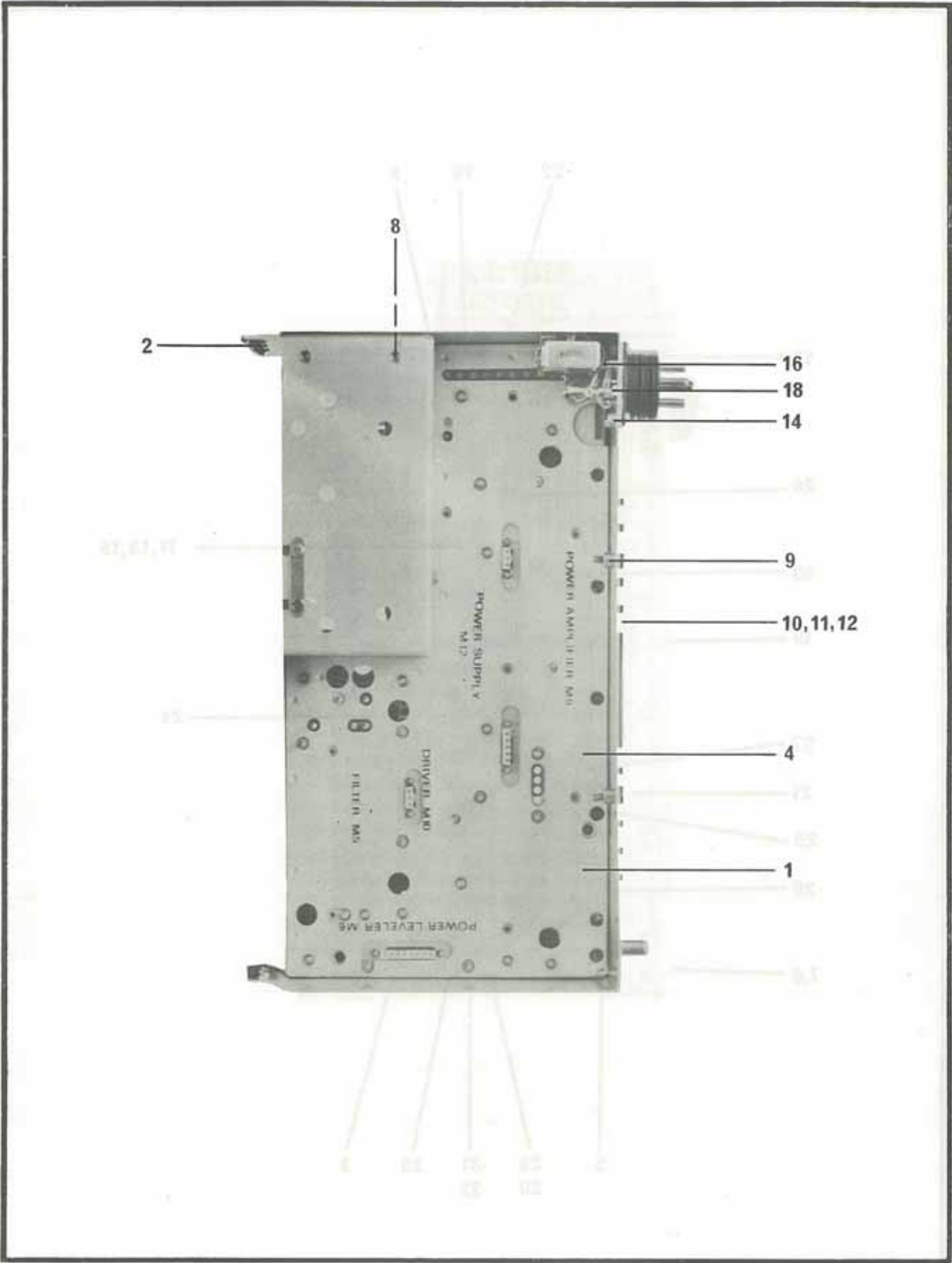


Fig. 5C - LOWER BOARD ASSEMBLY (2 of 2)

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
5C-	5991790	LOWER BOARD ASSEMBLY.....	33859	REF
-1	5991840	LOWER BOARD.....	33859	1
-2	PEM 6-32	. NUT (SM447383B-3).....		6
-3	5946340	. BUSHING.....	33859	2
-4	5991740	. LOWER BOARD.....	33859	1
-5	5946390	. NUT.....	33859	12
-6	5946360	. WASHER (SM447277B).....	33859	1
-7	5946350	. PIN, CHASSIS.....	33859	1
-8	5946370	. CONNECTOR SUPPORT.....	33859	2
-9	5946920	. NUT, GUIDE.....	33859	2
-10	5954010	. RIVET (SM447956-B).....	33859	4
-11	5954080	. RIVET.....	33859	10
-12	5941990	. CONTACT ELECTRICAL.....	33859	1
-13	5944050	. CONTACT ELECTRICAL.....	33859	2
-14	22NCFMA2-40	. NUT (SM447678B).....	72982	4
-15	5944030	. CONTACT ELECTRICAL.....	33859	1
-16	9958741A-3	. TERMINAL.....	27832	1
-17	SE-36	. EYELET.....	98291	2
-18	RST-SM-1B2	. TERMINAL.....	98291	1
-19	MS16535-134	. RIVET.....	99536	2
-20	5994140	P.C. LOWER BOARD.....	33859	
-21	5932160	. P.C. BOARD.....	33859	1
-22	5947050	. TERMINAL (SM447366B).....	33859	13
-23	02-001-701-3-100-000	. CONNECTOR.....	98291	19
-24	5946310	. PIN, CONNECTOR (SM447057B).....	33859	5
-25	5947260	. CONTACT.....	33859	4
-26	5946840	. PIN, GUIDE.....	33859	8
-27	5946150	. PIN, GUIDE.....	33859	2
-28	5946480	. PIN, GUIDE.....	33859	8
-29	5946400	. WASHER.....	33859	8
-30	5949230	. CONNECTOR HOUSE.....	33859	2
-31	5949190	. CONNECTOR HOUSE.....	33859	2
-32	5939260	. CONNECTOR HOUSE.....	33859	1

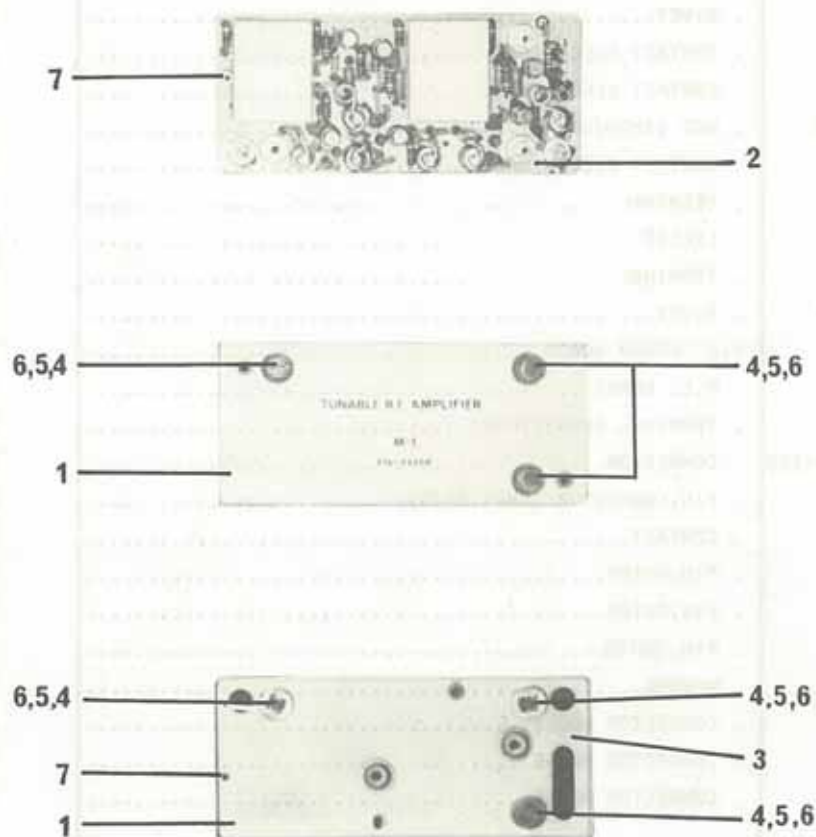
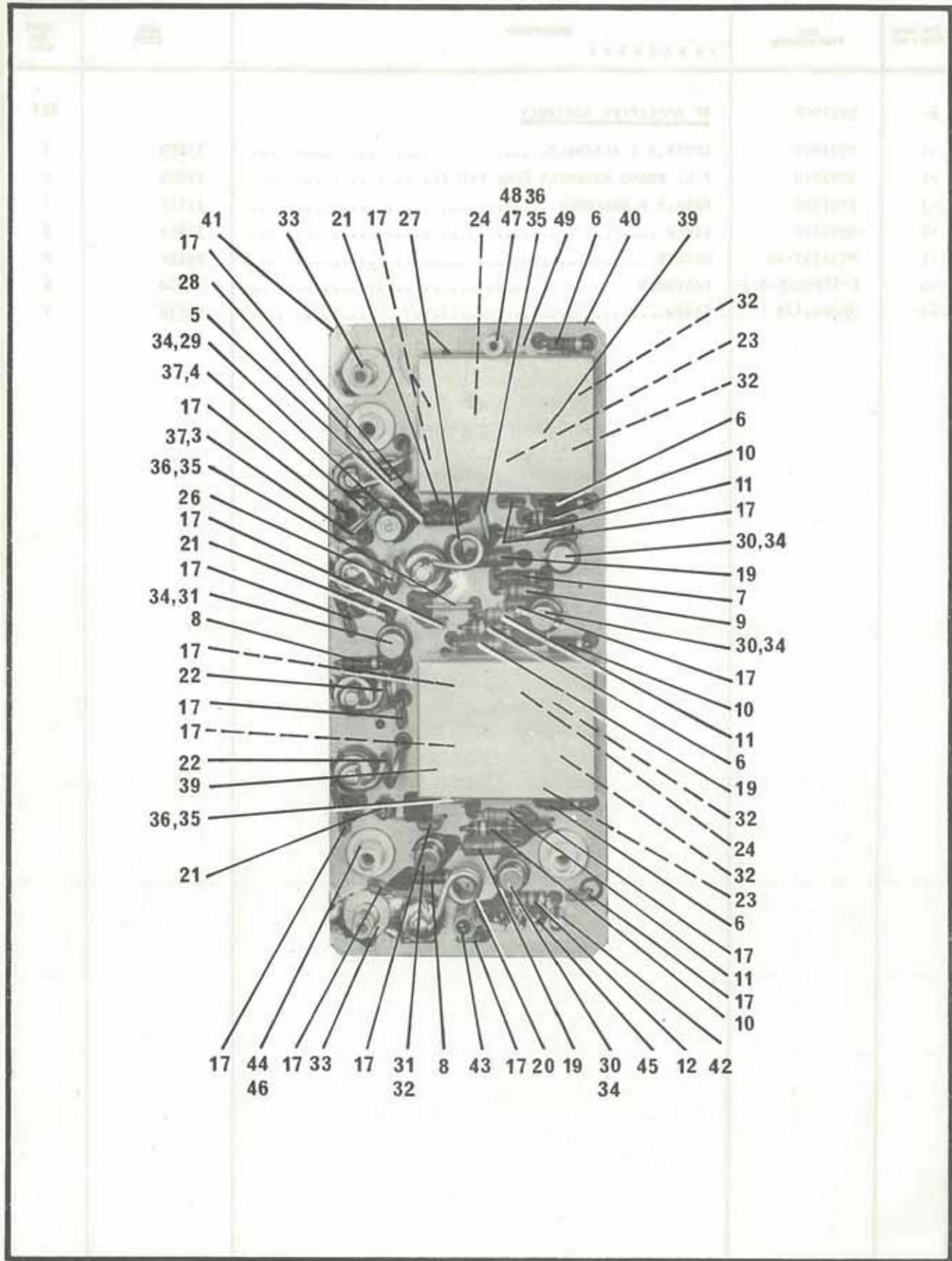


FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
6-	5991060	<u>RF AMPLIFIER ASSEMBLY</u>		REF
-1	5991070	COVER, R F ASSEMBLY.....	33859	1
-2	5995010	P.C. BOARD ASSEMBLY (See fig 7).....	33859	1
-3	5991090	BASE, R F ASSEMBLY.....	33859	1
-4	5952270	SCREW .....	33859	6
-5	M535337-40	WASHER .....	99536	6
-6	C-18695SS-012	FASTENER .....	78553	6
-7	UNC64x1/8	SCREW.....	99536	1





2-20 Fig. 7 - P.C. BOARD ASSEMBLY - RF AMPLIFIER - M1 (1 of 2)



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION						MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6		
7-									
-1	5995010	P.C. BOARD ASSEMBLY, R F AMPLIFIER (M1)							REF
-2		deleted							
-3	RC07GF560K	RESISTOR, FIXED	56Ω	±W	10%	R15.....		97469	1
-4	RC07GF101K	RESISTOR, FIXED	100Ω	±W	10%	R16.....		97469	1
-5	RC07GF561K	RESISTOR, FIXED	560Ω	±W	10%	R22.....		97469	1
-6	RC07GF102K	RESISTOR, FIXED	1KΩ	±W	10%	R6,7,18,19.....		97469	4
-7	RC07GF105K	RESISTOR, FIXED	1MΩ	±W	10%	R17.....		97469	1
-8	RC07GF151K	RESISTOR, FIXED	150Ω	±W	10%	R4,11.....		97469	2
-9	RC07GF564K	RESISTOR, FIXED	560KΩ	±W	10%	R12.....		97469	1
-10	RC07GF392J	RESISTOR, FIXED	3.9KΩ	±W	5%	R2,9,14.....		97469	3
-11	RC07GF682J	RESISTOR, FIXED	6.8KΩ	±W	5%	R1,8,13.....		97469	3
-12	RC07GF334K	RESISTOR, FIXED	330KΩ	±W	10%	R5.....		97469	1
-13	8000-006-W5R-470M-100V	CAPACITOR, FIXED, CHIP	47PF	100V		C36,37,38,39....		72982	4
-14	8000-006-W5R-102M-100V	CAPACITOR, FIXED, CHIP	1nF	100V		C4,8.....		72982	2
-15	9410-4PC	CAPACITOR, VARIABLE	7-45PF			C9,12,29,32....		91293	4
-16	VAM010	CAPACITOR, VARIABLE	0.8-10PF			C2,7,15,20,21,27		73899	6
-17	8121-050-W5R-102K	CAPACITOR, FIXED				C1,3,5,6,8,13,14 16,17,19,23-26, 28,33-35.....		72982	18
-18	JMC4702	CAPACITOR, VARIABLE	35-3.5PF			C10,11,30,31....		91293	4
-19	WEE WEE DUCTOR	CHOKE, R F	0,33μH			L2,8,12.....		43543	3
-20	5913031	COIL	25nH			L1.....		33859	1
-21	5913032	COIL	20T			L3,9,13.....		33859	3
-22	5913034	COIL	25nH			L4,7.....		33859	2
-23	5913035	COIL	50nH			L5,15.....		33859	2
-24	5913036	COIL	50nH			L6,16.....		33859	2
-25		deleted							
-26	5913040	COIL	25nH			L10.....		33859	1
-27	5913041	COIL	25nH			L11.....		33859	1
-28	5913044	COIL	25nH			L14.....		33859	1
-29	5921101	TRANSISTOR				Q3.....		33859	1
-30	JAN2N2484	TRANSISTOR				Q4,5,6.....		33859	3
-31	JAN2N3880	TRANSISTOR				Q1,2.....		33859	2
-32	BB105B	DIODE VARICAP (selected)				D1,2,3,4.....		H1418	4
-33	5023	CONNECTOR SUBMINIAUTRE				J2,3.....		98291	2
-34	T018-3L	INSULATOR-SPACER (SH447724B).....						K1935	6
-35	AWG22	WIRE TINNED.....							1
-36	5980001	WIRE SET.....						33859	1
-37	5933052	SPACER						33859	2
-38		deleted							
-39	5941020	SCREEN BOX.....						33859	2

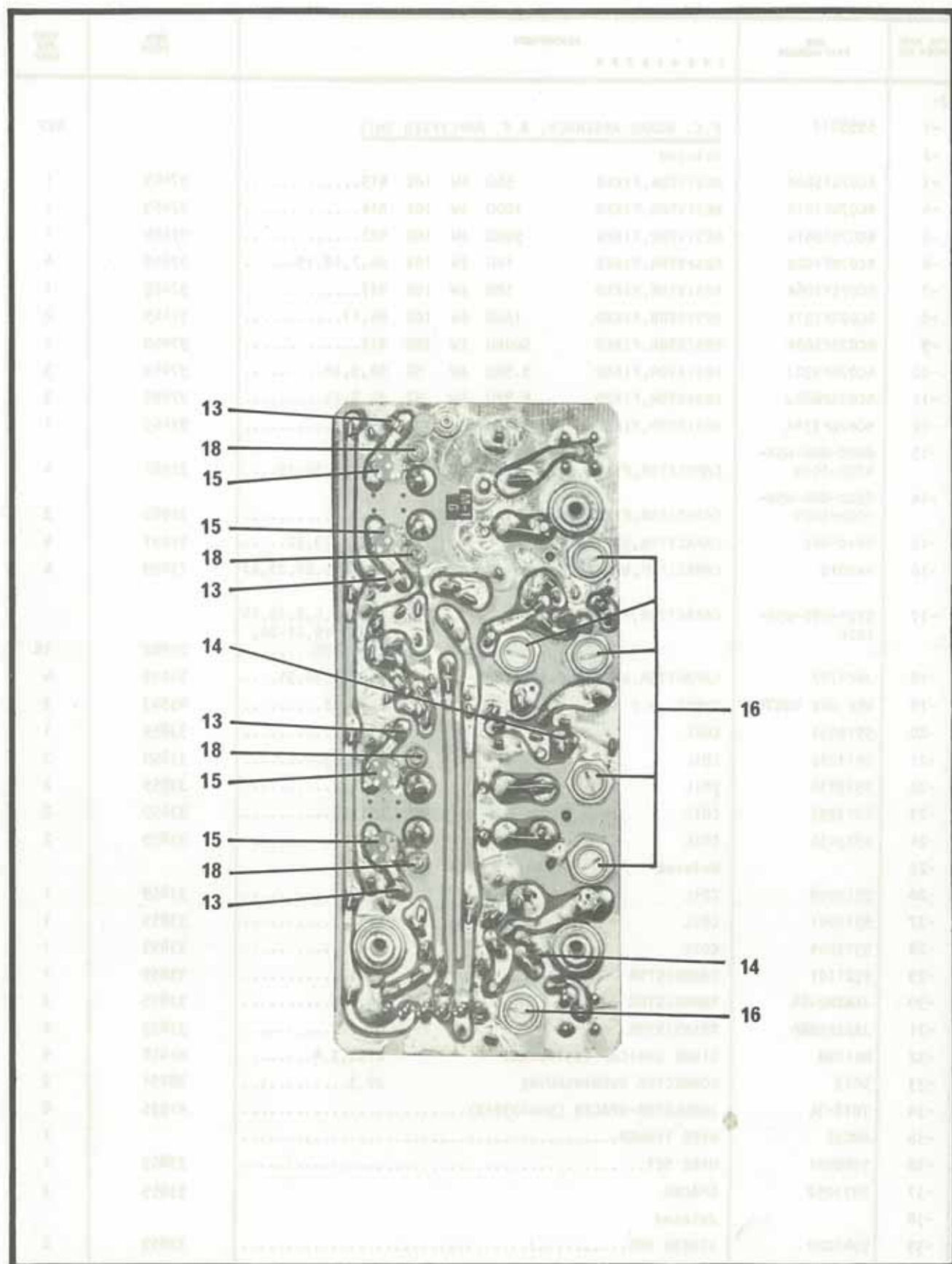


FIG AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
7-				
-40	5994010	P.C. BOARD SUB ASSEMBLY.....	33859	1
-41	5932010	. P.C. BOARD.....	33859	1
-42	62-5301-41-12	. PIN, GUIDE.....	91662	1
-43	62-5301-40-12	. SOCKET, GUIDE.....	91662	1
-44	5946010	. BUSHING.....	33859	3
-45	02-001-113-6-125	. PIN, CONNECTOR .....	91662	4
-46	5946430	. WASHER.....	33859	3
-47	5944990	. SUPPORT.....	33859	1
-48	5943060	. WASHER (SM447058B-3) .....	33859	1
-49	5949370	. SPACER.....	33859	1

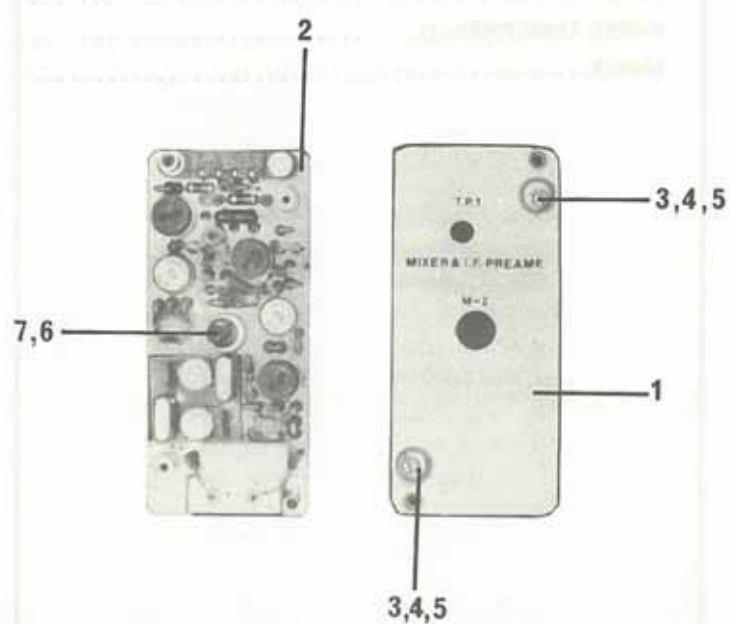




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
8-	5991100	<u>MIXER &amp; IF ASSEMBLY (M2)</u>		REF
-1	5991110	COVER ASSEMBLY .....	33859	1
-2	5995020	P.C. BOARD ASSEMBLY (See fig 9) .....	33859	1
-3	MS35223-5	SCREW (SM447066B-1) .....	99536	2
-4	MS35337-39	WASHER .....	99536	2
-5	MS28775-003	"O" RING .....	99536	2
-6	MS35223-29	SCREW (SM447066B-2) .....	99536	1
-7	MS35337-41	WASHER .....	99536	1

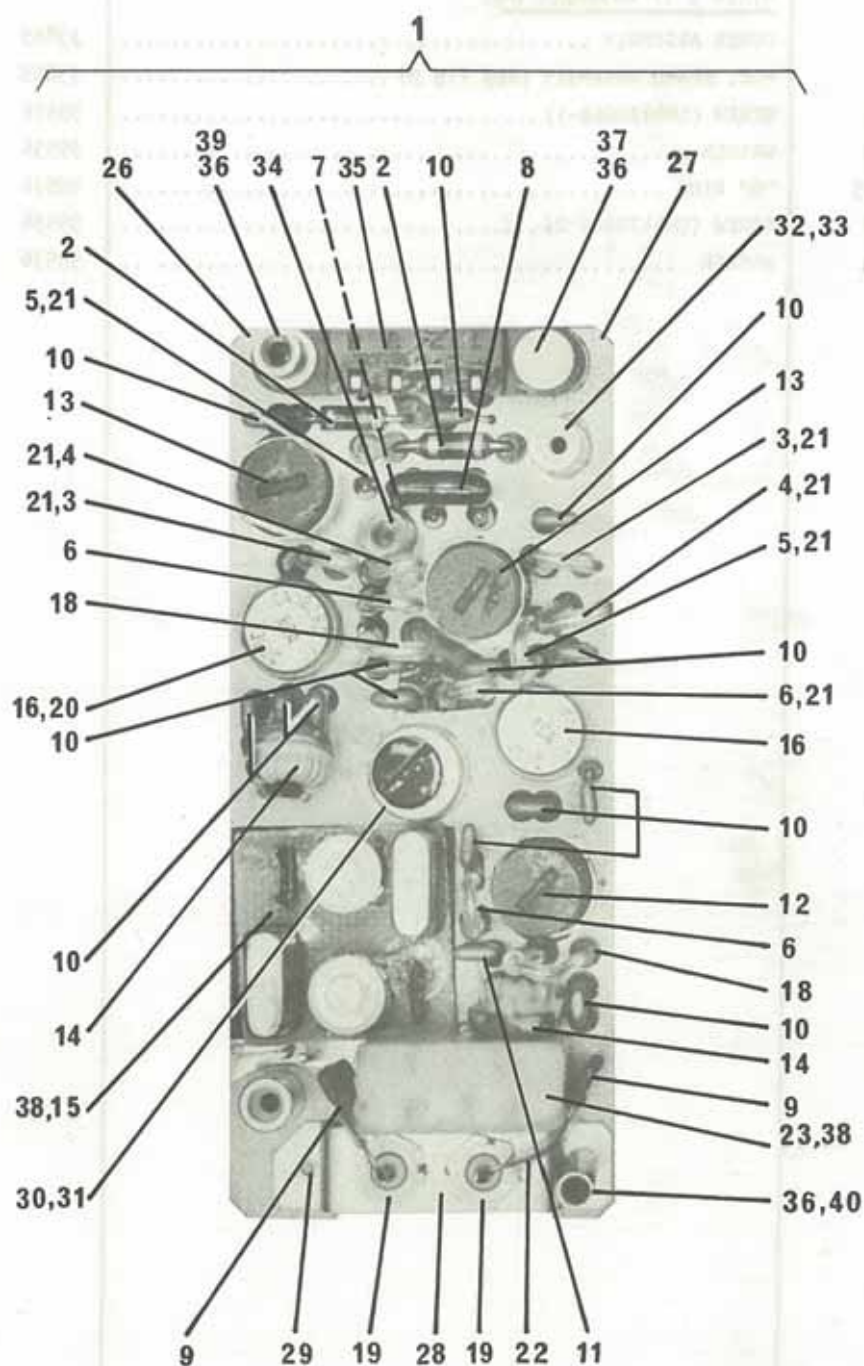
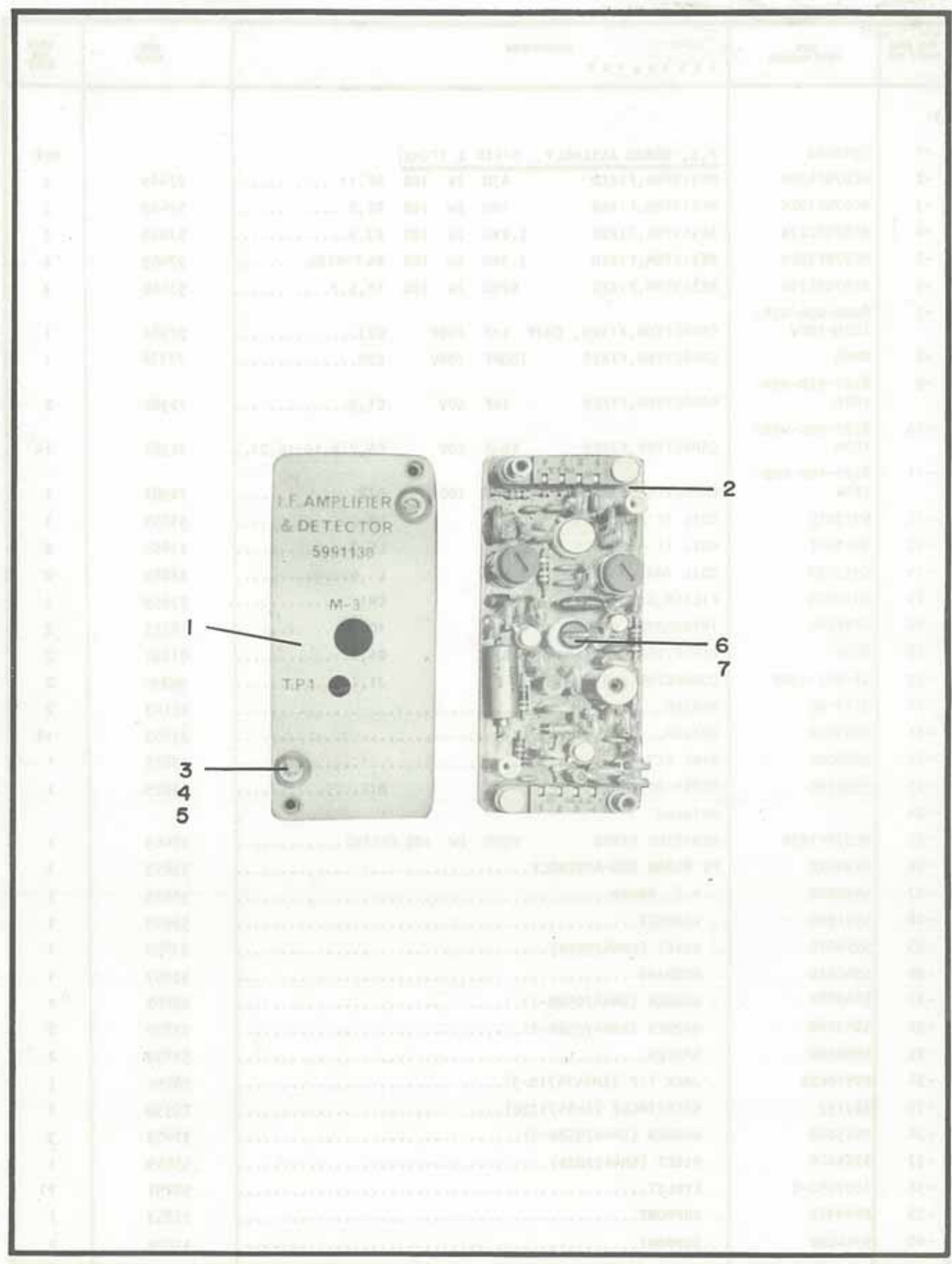




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
9-				
-1	5995020	P.C. BOARD ASSEMBLY. MIXER & IF(M2)		REF
-2	RC07GF470K	RESISTOR, FIXED 47Ω 1/4W 10% R6,11.....	97469	2
-3	RC07GF102K	RESISTOR, FIXED 1KΩ 1/4W 10% R2,8.....	97469	2
-4	RC07GF222K	RESISTOR, FIXED 2.2KΩ 1/4W 10% R3,9.....	97469	2
-5	RC07GF392K	RESISTOR, FIXED 3.9KΩ 1/4W 10% R4 (*R10).....	97469	1
-6	RC07GF473K	RESISTOR, FIXED 47KΩ 1/4W 10% R1,5,7.....	97469	3
-7	8000-006-W5R-102M-100V	CAPACITOR, FIXED, CHIP 1nF 100V C23.....	72982	1
-8	DM05	CAPACITOR, FIXED 100PF 100V C20.....	72136	1
-9	8121-050-W5R-102K	CAPACITOR, FIXED 1nF 50V C1,9.....	72982	2
-10	8121-050-W5R-103M	CAPACITOR, FIXED 10nF 50V C6,7,8,10-19,21..	72982	14
-11	8121-100-COG-121J	CAPACITOR, FIXED 120PF 100V C22.....	72982	1
-12	5913015	COIL IF ASSEMBLY 0.5μH L4.....	33859	1
-13	5913017	COIL IF ASSEMBLY 2.6μH L5,7.....	33859	2
-14	5913025	COIL AGC ASSEMBLY 0.5μH L3,6.....	33859	2
-15	5914003	FILTER, CRYSTAL 100KC CR1.....	33859	1
-16	CA3028B	INTEGRATED CIRCUIT IC1,2.....	18723	2
-18	V600	DIODE, VARICAP (SM447726B) D5,6.....	01281	2
-19	51-045-4300	CONNECTOR, SUBMINIATURE J1,2.....	98291	2
-20	7717-8N	SPACER.....	13103	2
-21	5933052	SPACER.....	33859	12
-22	5980002	WIRE SET.....	33859	1
-23	5995190	MIXER ASSEMBLY M11.....	33859	1
-24		deleted		
-25	RC07GF103K	RESISTOR FIXED 10KΩ 1/4W 10% (*R10).....	97469	1
-26	5994020	PC BOARD SUB-ASSEMBLY.....	33859	1
-27	5932020	. P.C. BOARD.....	33859	1
-28	5941060	. BRACKET.....	33859	1
-29	5954010	. RIVET (SM447956B).....	33859	1
-30	5946030	. BUSHING.....	33859	1
-31	5943080	. WASHER (SM447058B-1).....	33859	1
-32	5943040	. WASHER (SM447058B-2).....	33859	2
-33	5946020	. SPACER.....	33859	2
-34	K051062B	. JACK TIP (SM447671B-3).....	98291	1
-35	447132	. RECEPTACLE (SM447132C).....	25330	1
-36	5943060	. WASHER (SM447058B-3).....	33859	3
-37	5954020	. RIVET (SM447202B).....	33859	1
-38	109709C-2	. EYELET.....	98291	11
-39	5944950	. SUPPORT.....	33859	1
-40	5944600	. SUPPORT.....	33859	1

\*R10 is selected resistor 3.9KΩ(5) 10KΩ(25) or none



2-28 Fig. 10 - IF AMPLIFIER & DETECTOR ASSEMBLY -M3

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
10-	5991130	IF AMPLIFIER ASSEMBLY (M3)		REF
-1	5991140	COVER I F ASSEMBLY.....	33859	1
-2	5995030	P.C. BOARD ASSEMBLY (See fig 11).....	33859	1
-3	MS35223-5	SCREW (SM447066B-1).....	99536	2
-4	MS35337-39	WASHER .....	99536	2
-5	MS28775-003	RING .....	99536	2
-6	MS35223-29	SCREW (SM447066B-2).....	99536	1
-7	MS35337-41	WASHER .....	99536	1

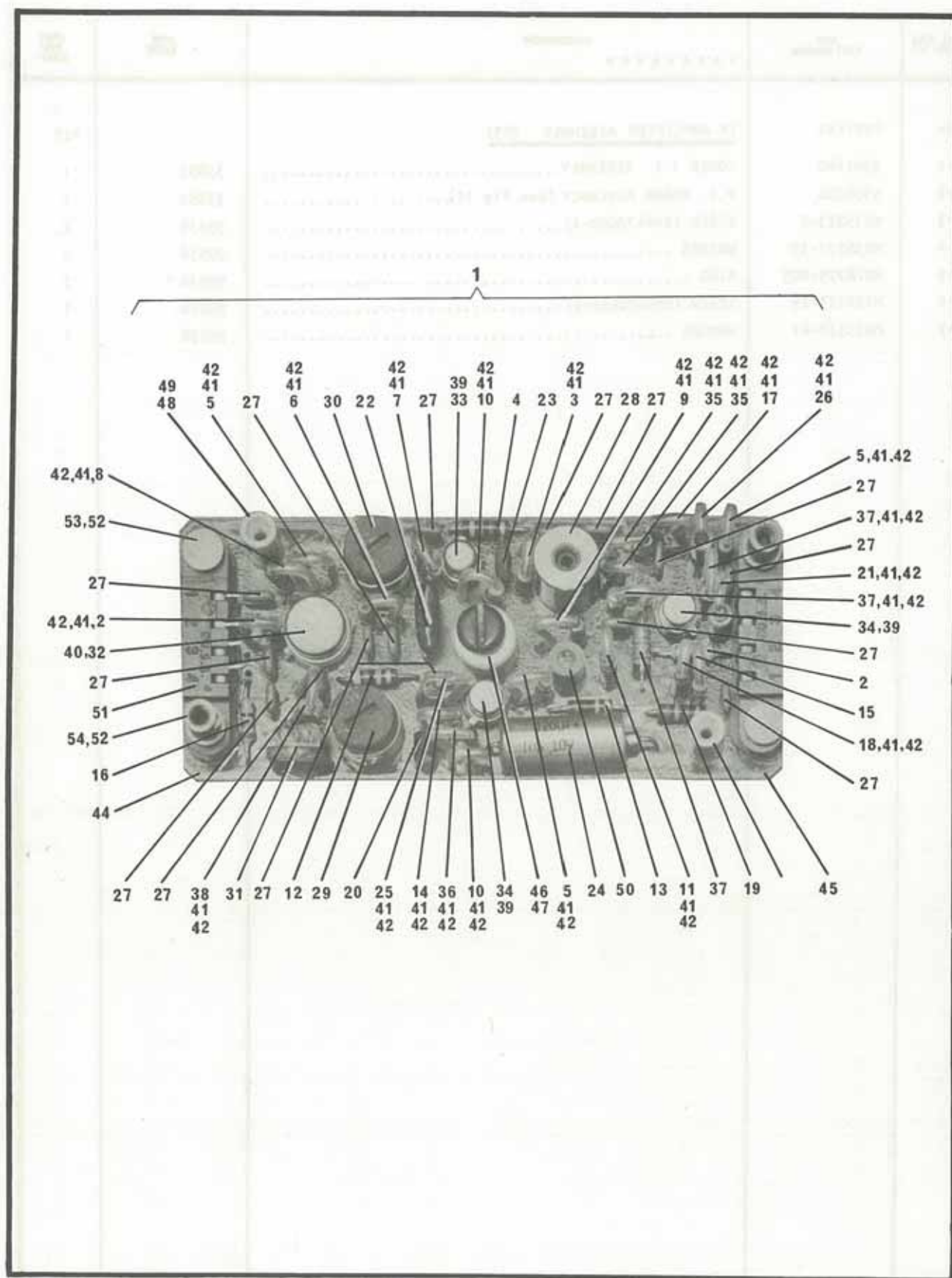




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
11-				
-1	5995030	P.C. BOARD ASSEMBLY, IF AMPLIFIER (M3)		REF
-2	RC07GF470K	RESISTOR, FIXED 47Ω 1/4W 10% R3,23.....	97469	2
-3	RC07GF101K	RESISTOR, FIXED 100Ω 1/4W 10% R9.....	97469	1
-4	RC07GF471K	RESISTOR, FIXED 470Ω 1/4W 10% R10.....	97469	1
-5	RC07GF102K	RESISTOR, FIXED 1KΩ 1/4W 10% R4,14,21.....	97469	3
-6	RC07GF222K	RESISTOR, FIXED 2.2KΩ 1/4W 10% R5.....	97469	1
-7	RC07GF332K	RESISTOR, FIXED 3.3KΩ 1/4W 10% R8.....	97469	1
-8	RC07GF392K	RESISTOR, FIXED 3.9KΩ 1/4W 10% R6.....	97469	1
-9	RC07GF472K	RESISTOR, FIXED 4.7KΩ 1/4W 10% R11.....	97469	1
-10	RC07GF103K	RESISTOR, FIXED 10KΩ 1/4W 10% R7,15.....	97469	2
-11	RC07GF223K	RESISTOR, FIXED 22KΩ 1/4W 10% R13.....	97469	1
-12	RC07GF473K	RESISTOR, FIXED 47KΩ 1/4W 10% R2.....	97469	1
-13	RC07GF104K	RESISTOR, FIXED 100KΩ 1/4W 10% R16.....	97469	1
-14	RC07GF184K	RESISTOR, FIXED 180KΩ 1/4W 10% R17.....	97469	1
-15	RC07GF682K	RESISTOR, FIXED 6.8KΩ 1/4W 10% R22.....	97469	1
-16	RC07GF510J	RESISTOR, FIXED 51Ω 1/4W 5% R1.....	97469	1
-17	RC07GF391K	RESISTOR, FIXED 390Ω 1/4W 10% R19.....	97469	1
-18	RC07GF621J	RESISTOR, FIXED 620Ω 1/4W 5% R20.....	97469	1
-19	RC07GF681J	RESISTOR, FIXED 680Ω 1/4W 5% R24.....	97469	1
-20	RL1215-12200-113-S1	RESISTOR, THERMAL (SM500444C) PT1.....	75263	1
-21	CSR13H104KL	CAPACITOR, FIXED 0.1μF 35V C21.....	56289	1
		TANTALUM		
-22	DM05	CAPACITOR, FIXED 10PF 100V C9.....	72136	1
-23	835	CAPACITOR, FIXED 33PF ±2%N150±30 C11.....	72982	1
-24	CSR13C127KL	CAPACITOR, FIXED 120μF 35V C19.....	56289	1
		TANTALUM		
-25	CSR13E225KL	CAPACITOR, FIXED 2.2μF 35V C16.....	56289	1
		TANTALUM		
-26	CSR13C475KL	CAPACITOR, FIXED 4.7μF 35V C17.....	56289	1
		TANTALUM		
-27	8121-050-W5R-103M	CAPACITOR, FIXED C2-8,10,12-15,18,20.....	72982	14
-28	DSV650-8	TRANSFORMER IF TR1.....	99800	1
-29	5913021	COIL IF ASSEMBLY L2.....	33859	1
-30	5913023	COIL IF ASSEMBLY L3.....	33859	1
-31	5913025	COIL AGC ASSEMBLY L1.....	33859	1
-32	CA3028B	INTEGRATED CIRCUIT IC1.....	18723	1
-33	2N3292	TRANSISTOR Q1.....	04713	1
-34	JAN2N2484	TRANSISTOR Q2,3.....	33859	2
-35	1N914 SMALL	DIODE D6,7.....	01295	2
-36	1N748A	DIODE ZENER D4.....	11532	1
-37	1N270	DIODE D2,3,5.....	11532	3
-38	V600	DIODE VARICAP (SM447726B) D1.....	01281	1
-39	T018-3L	INSULATOR-SPACER (SM447724B).....	K1935	1
-40	7717-8N	SPACER.....	13103	1

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
11-				
-41	5933052	SPACER.....	33859	25
-42	5980003	WIRE SET (SLEEVING).....	33859	1
-43		deleted		
-44	5994030	P.C. BOARD SUB-ASSEMBLY .....	33859	1
-45	5932030	. P.C. BOARD.....	33859	1
-46	5946030	. BUSHING.....	33859	1
-47	5943080	. WASHER (SM447058B-1).....	33859	1
-48	5943040	. WASHER (SM447058B-2).....	33859	2
-49	5946020	. SPACER.....	33859	2
-50	K051062B	. JACK TIP (SM447671B-3).....	98291	1
-51	447132	. RECEPTACLE (SM447132C).....	25330	2
-52	5943060	. WASHER (SM447058B-3).....	33859	4
-53	5954020	. RIVET (SM447202B).....	33859	2
-54	5944950	. SUPPORT.....	33859	2



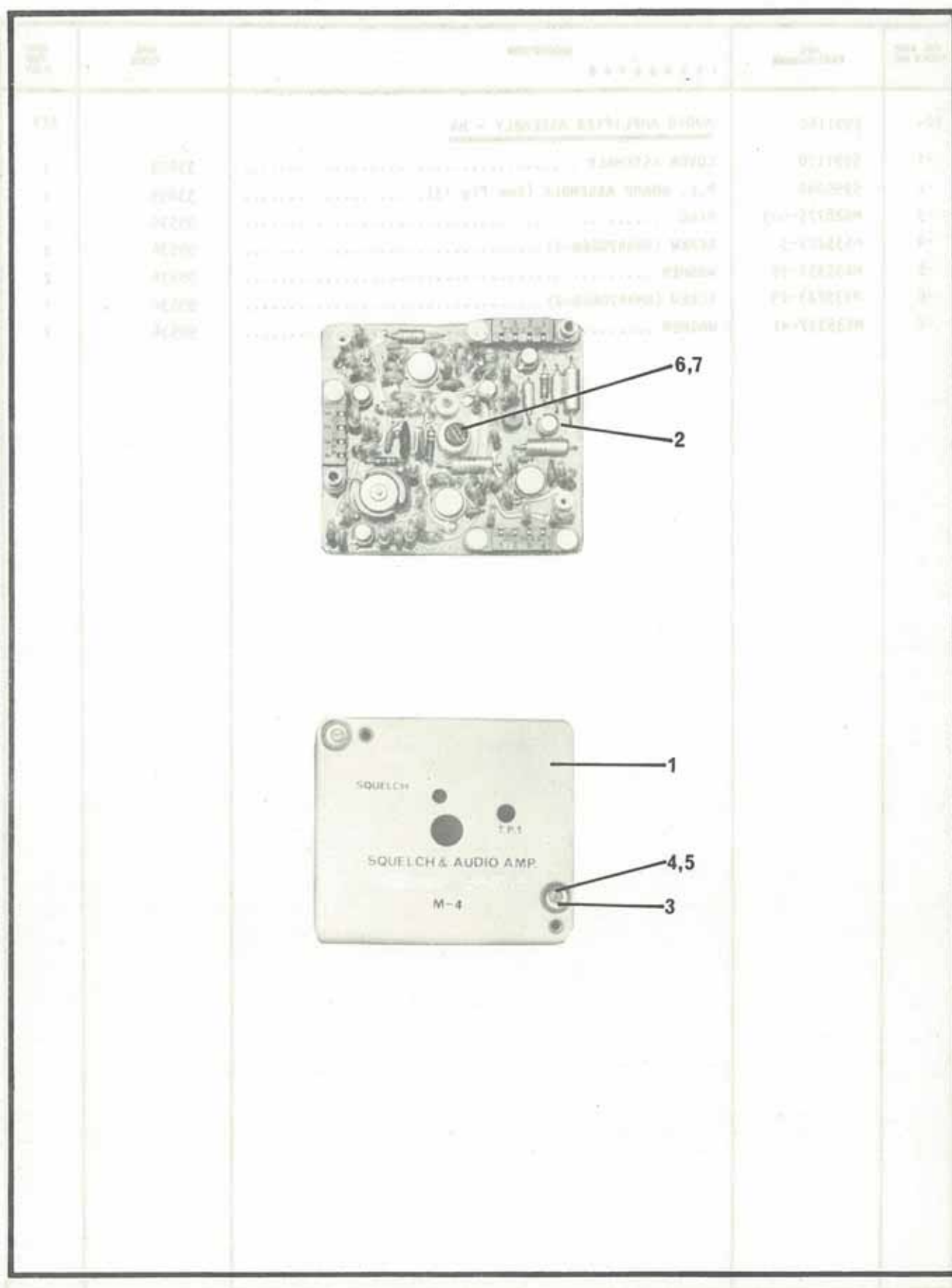


Fig. 12 - AUDIO AMPLIFIER ASSEMBLY - M4

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
12-	5991160	<u>AUDIO AMPLIFIER ASSEMBLY - M4</u>		REF
-1	5991170	COVER ASSEMBLY .....	33859	1
-2	5995040	P.C. BOARD ASSEMBLY (See fig 13).....	33859	1
-3	MS28775-003	RING .....	99536	2
-4	MS35223-5	SCREW (SM447066B-1).....	99536	2
-5	MS35337-39	WASHER .....	99536	2
-6	MS35223-29	SCREW (SM447066B-2).....	99536	1
-7	MS35337-41	WASHER .....	99536	1

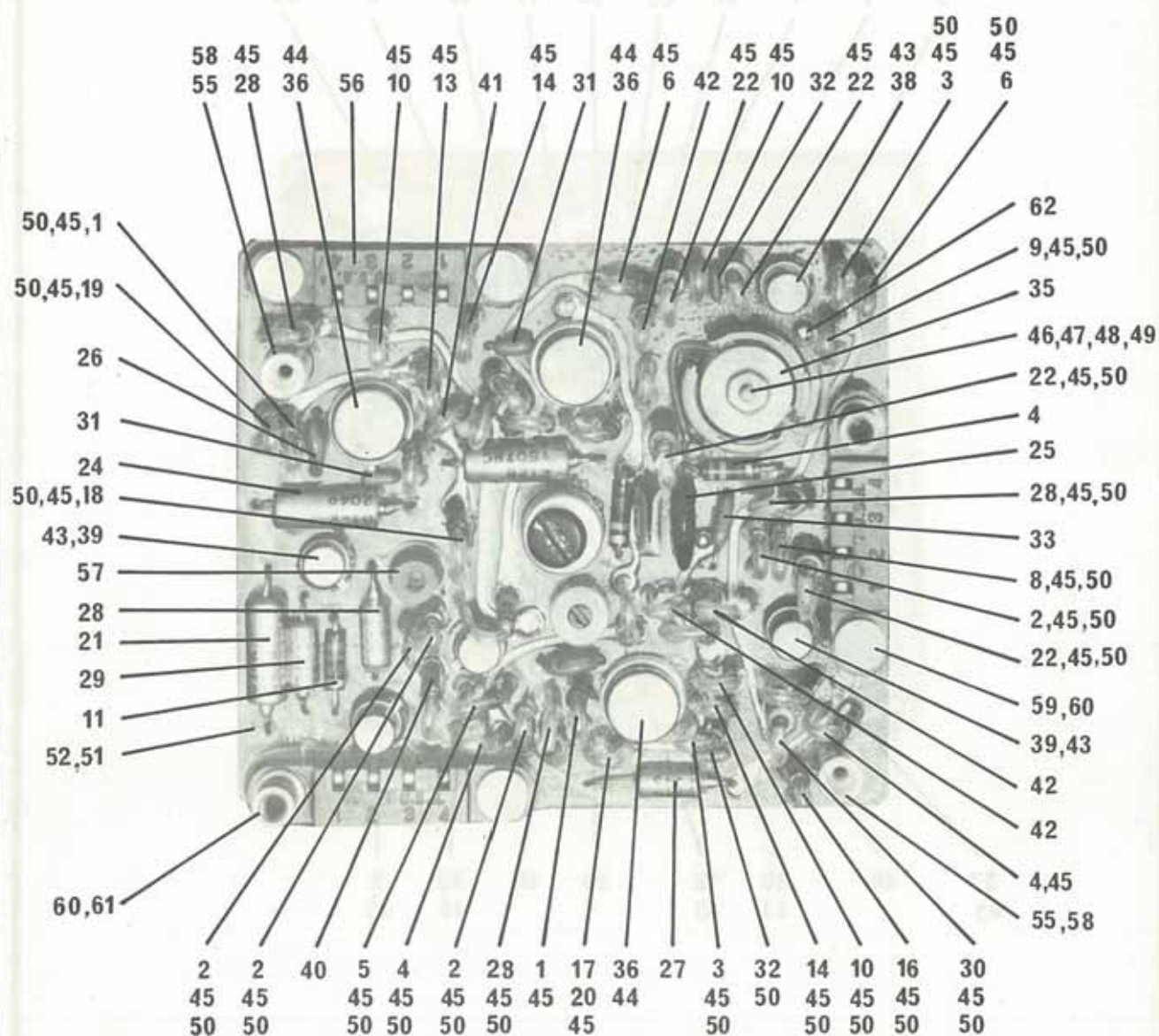


Fig. 13 - P.C. BOARD ASSEMBLY, AUDIO AMPLIFIER - M4 (1 of 2)

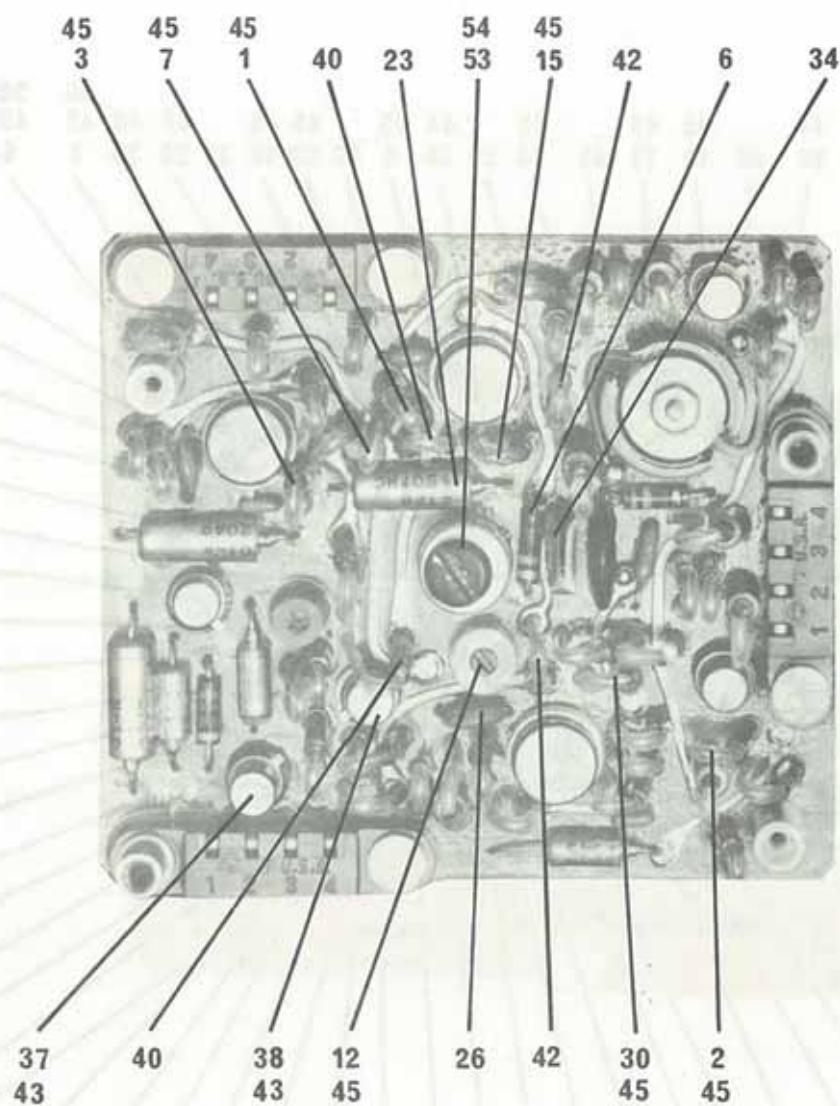




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION						MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6		
13-	5995040	P.C. BOARD ASSEMBLY, AUDIO AMPLIFIER (M4)							REF
-1	RC07GF470K	RESISTOR, FIXED	47 $\Omega$	$\pm$ W	10%	R29,36,37...		97469	3
-2	RC07GF102K	RESISTOR, FIXED	1K $\Omega$	$\pm$ W	10%	R6,9,27,33, 34.....		97469	5
-3	RC07GF152K	RESISTOR, FIXED	1.5K $\Omega$	$\pm$ W	10%	R3,13,22....		97469	3
-4	RC07GF332K	RESISTOR, FIXED	3.3K $\Omega$	$\pm$ W	10%	R7,12,38....		97469	3
-5	RC07GF472K	RESISTOR, FIXED	4.7K $\Omega$	$\pm$ W	10%	R26.....		97469	1
-6	RC07GF103K	RESISTOR, FIXED	10K $\Omega$	$\pm$ W	10%	R10,17,20...		97469	3
-7	RC07GF223K	RESISTOR, FIXED	22K $\Omega$	$\pm$ W	10%	R28.....		97469	1
-8	RC07GF393K	RESISTOR, FIXED	39K $\Omega$	$\pm$ W	10%	R5.....		97469	1
-9	RC07GF473K	RESISTOR, FIXED	47K $\Omega$	$\pm$ W	10%	R11.....		97469	1
-10	RC07GF104K	RESISTOR, FIXED	100K $\Omega$	$\pm$ W	10%	R2,19,24....		97469	3
-11	RC07GF221K	RESISTOR, FIXED	220 $\Omega$	$\pm$ W	10%	R35.....		97469	1
-12	3300P-1-253	RESISTOR, VARIABLE WW				R15.....		32997	1
-13	RC07GF106J	RESISTOR, FIXED	10M $\Omega$	$\pm$ W	5%	R25.....		97469	1
-14	RC07GF104J	RESISTOR, FIXED	100K $\Omega$	$\pm$ W	5%	R1,21.....		97469	2
-15	RC07GF684J	RESISTOR, FIXED	680K $\Omega$	$\pm$ W	5%	**R23.....		97469	1
-16	RC07GF274K	RESISTOR, FIXED	270K $\Omega$	$\pm$ W	10%	R4.....		97469	1
-17	RC07GF564K	RESISTOR, FIXED	560K $\Omega$	$\pm$ W	10%	R8.....		97469	1
-18	RC07GF242J	RESISTOR, FIXED	2.4K $\Omega$	$\pm$ W	5%	R31.....		97469	1
-19	RC07GF820K	RESISTOR, FIXED	82 $\Omega$	$\pm$ W	10%	R30.....		97469	1
-20	RC07GF364J	RESISTOR, FIXED	360K $\Omega$	$\pm$ W	5%	*R8.....		97469	1
-21	CSR13E106KL	CAPACITOR, FIXED TANTALUM	10 $\mu$ F	35V		C21.....		56289	1
-22	CSR13G105KL	CAPACITOR, FIXED TANTALUM	1 $\mu$ F	35V		C2,10,13,14.		56289	4
-23	CSR13G475KL	CAPACITOR, FIXED TANTALUM	4.7 $\mu$ F	35V		C7.....		56289	1
-24	CSR13E156KL	CAPACITOR, FIXED TANTALUM	15 $\mu$ F	35V		C15.....		56289	1
-25	TRANSCAP 5518	CAPACITOR, FIXED	0.1 $\mu$ F	25V		C8.....		72982	1
-26	835	CAPACITOR, FIXED	8pF $\pm$ 0.5pF	N150 $\pm$ 60		C4,18.....		72982	2
-27	CSR13E225KL	CAPACITOR, FIXED TANTALUM	2.2 $\mu$ F	35V		C5.....		56289	1
-28	CSR13D335KL	CAPACITOR, FIXED TANTALUM	3.3 $\mu$ F	35V		C1,9,16,22..		56289	4
-29	CSR13G474KL	CAPACITOR, FIXED TANTALUM	0.47 $\mu$ F	35V		C20.....		56289	1
-30	CSR23C475KL	CAPACITOR, FIXED TANTALUM	4.7 $\mu$ F	35V		C6,11.....		56289	2
-31	8121-050-W5R-102K	CAPACITOR, FIXED	4.7 $\mu$ F	50V		C17,19.....		72982	2
-32	8121-050-W5R-103M	CAPACITOR, FIXED	10nF	50V		C3,25.....		72982	2
-33	8131-050-W5R-473K	CAPACITOR, FIXED	47nF	50V		C24.....		72982	1
-34	CK06CW472K	CAPACITOR, FIXED	4.7nF			C12.....		61637	1

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
13-				
-35	5913027	COIL ASSEMBLY 200 mH L1.....	33859	1
-36	MT709A	INTEGRATED CIRCUIT IC1,2,3.....	33859	3
-37	JAN2N2222	TRANSISTOR Q5.....	33859	1
-38	JAN2N2484	TRANSISTOR Q2,3.....	33859	2
-39	JAN2N3549	TRANSISTOR Q1,4.....	33859	2
-40	1N914 SMALL	DIODE D7,8,9.....	01295	3
-41	1N748A	DIODE ZENER D5.....	11532	1
-42	1N270	DIODE D1,2,3,4,6.....	11532	5
-43	T018-3L	INSULATOR-SPACER (SM447724B).....	K1935	5
-44	7717-8N	SPACER.....	13103	3
-45	5933052	SPACER (SM447252B).....	33859	50
-46	5951101	NUT.....	33859	1
-47	5952261	SCREW.....	33859	1
-48	MS15795-801	WASHER.....	99536	1
-49	5953160	WASHER.....	33859	1
-50	5980004	WIRE SET.....	33859	1
-51	5994040	P.C. BOARD SUB-ASSEMBLY.....	33859	1
-52	5932040	. P.C. BOARD.....	33859	1
-53	5946030	. BUSHING.....	33859	1
-54	5943080	. WASHER (SM447058B-1).....	33859	1
-55	5943040	. WASHER (SM447058B-2).....	33859	2
-56	447132	. RECEPTACLE (SM447132C).....	25330	3
-57	K0510628	. JACK TIP (SM447671B-3).....	98291	1
-58	5946020	. SPACER.....	33859	2
-59	5943060	. WASHER (SM447058B-3).....	33859	6
-60	5954020	. RIVET (SM447202B).....	33859	4
-61	5944950	. SUPPORT.....	33859	2
-62	5947050	. POINT, SOLDER (SM447366B-1).....	33859	2
		*R8 is factory selected 360K $\Omega$ or 560K $\Omega$ .		
		**R23 is factory selected 360K $\Omega$ , 470K $\Omega$ , 560K $\Omega$ , 680K $\Omega$ or 750K $\Omega$ .		

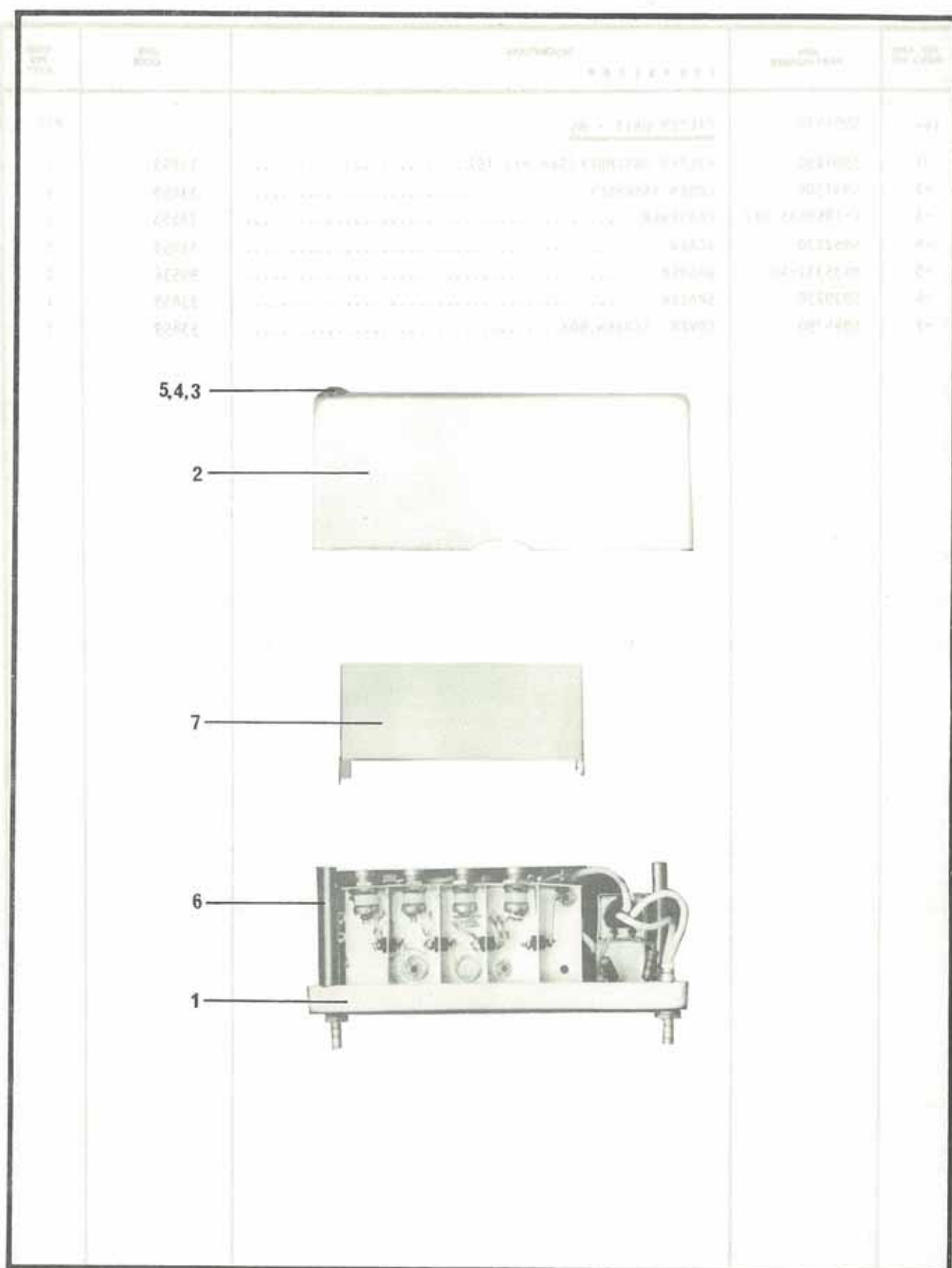


Fig. 14 - FILTER ASSEMBLY - M5

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION									MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6	7	8	9		
14-	5991470	<u>FILTER UNIT - M5</u>										REF
-1	5991290	FILTER ASSEMBLY (See fig 15).....									33859	1
-2	5991500	COVER ASSEMBLY .....									33859	1
-3	C-18695SS-012	FASTENER .....									78553	2
-4	5952270	SCREW .....									33859	2
-5	M535337-40	WASHER .....									99536	2
-6	5939730	SPACER .....									33859	1
-7	5944790	COVER, SCREEN BOX.....									33859	1



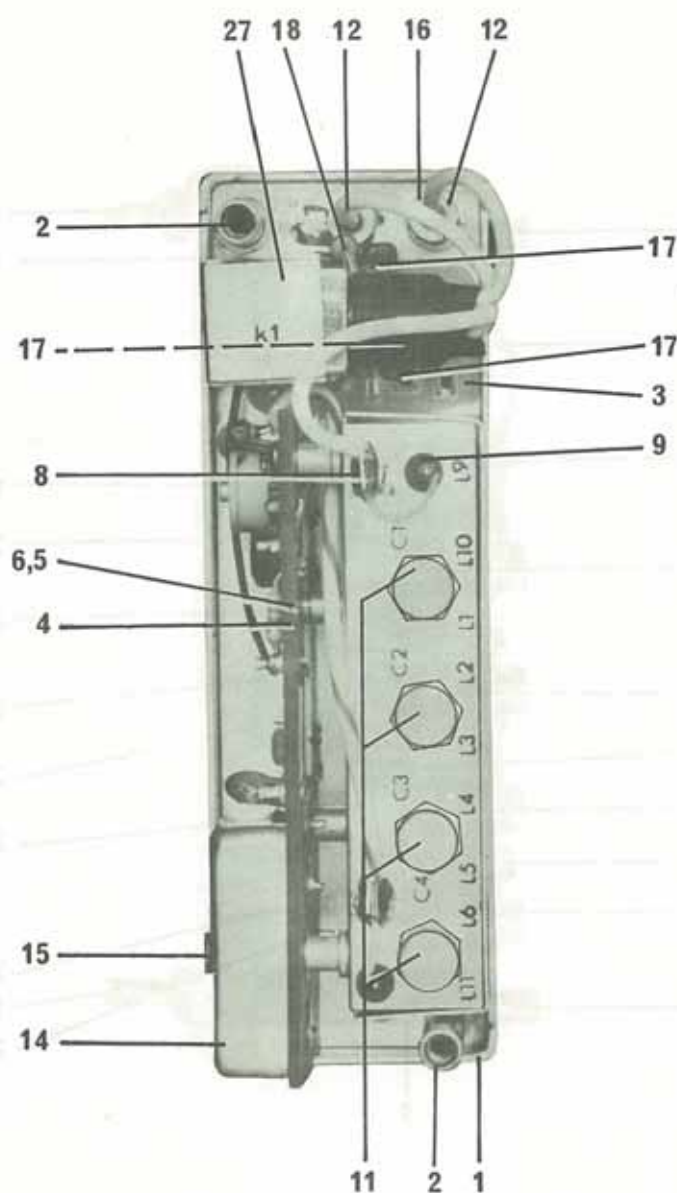


Fig. 15 - FILTER UNIT - M5 (1 of 2)

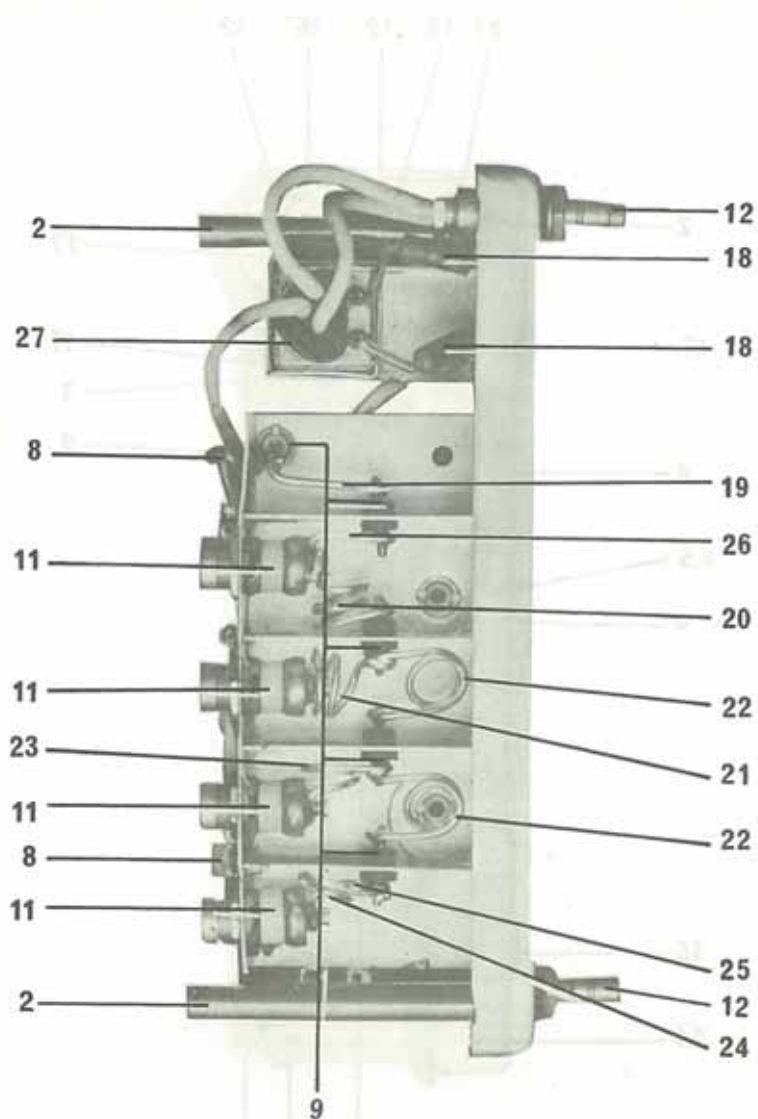


FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
15-	5991290	<u>FILTER ASSEMBLY</u>		REF
-1	5991480	BASE ASSEMBLY .....	33859	1
-2	5946120	. SUPPORT .....	33859	2
-3	5991690	. CONNECTOR ASSEMBLY (SM447590C) .....	33859	1
-4	5995050	P.C. BOARD ASSEMBLY (See fig 16).....	33859	1
-5	MS35337-39	WASHER .....	99536	4
-6	MS35223-3	SCREW .....	99536	3
-7		deleted		
-8	5947140	TERMINAL LUG (SM447562B) E1,2 .....	33859	2
-9	5933012	TERMINAL FEEDTHRU .....	33859	6
-10		deleted		
-11	VAM010	CAPACITOR,VARIABLE 0.8-10pF C1-4 .....	73899	4
-12	SC51-310-9010	CONNECTOR RF J1,2,3, ...	98291	3
-13		deleted		
-14	5991770	SCREEN BOX ASSEMBLY		
-15	MS35229-7	SCREW .....	99536	1
-16	5944820	SPACER .....	33859	1
-17	8121-050-WSR-102K	CAPACITOR, FIXED 1000pF 50V C14,15,16 .	72982	3
-18	WEE WEE DUCTOR	CHOKE, RF 1.0μH L12,13 ....	43543	2
-19	5913050	COIL L9 .....	33859	1
-20	5913051	COIL L1 .....	33859	1
-21	5913052	COIL L2 .....	33859	1
-22	5913053	COIL L3,5 .....	33859	2
-23	5913054	COIL L4 .....	33859	1
-24	5913055	COIL L11 .....	33859	1
-25	5913056	COIL L6 .....	33859	1
-26	5913059	COIL L10 .....	33859	1
-27	5939100	RELAY COAXIAL .....	33859	1

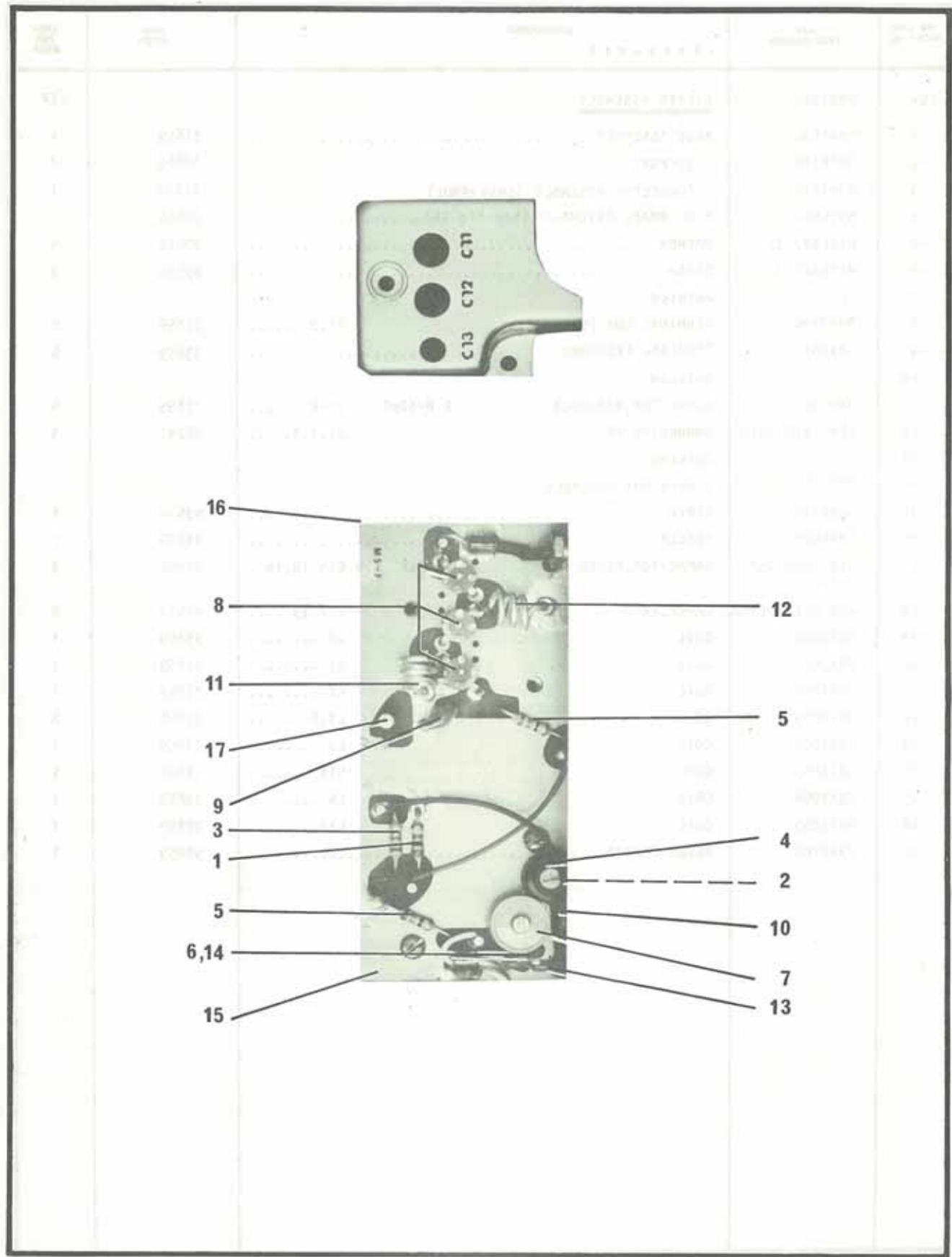


Fig. 16 - P.C. BOARD ASSEMBLY, FILTER UNIT - M5



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION							MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6	7 8 9		
16-	5995050	<u>P.C. BOARD ASSEMBLY, FILTER</u>								REF
-1	RC07GF101K	RESISTOR, FIXED	100 $\Omega$	$\frac{1}{4}$ W	10%	R4	.....		97469	1
-2	RC07GF183K	RESISTOR, FIXED	18K $\Omega$	$\frac{1}{4}$ W	10%	R1	.....		97469	1
-3	RC07GF682K	RESISTOR, FIXED	6.8K $\Omega$	$\frac{1}{4}$ W	10%	R6	.....		97469	1
-4	3300P-1-102	RESISTOR, VARIABLE	1K $\Omega$			R7	.....		32997	1
-5	RC07GF510J	RESISTOR, FIXED	51 $\Omega$	$\frac{1}{4}$ W	5%	R2,3	.....		97469	2
-6	RC05GF470K	RESISTOR, FIXED	47 $\Omega$	$\frac{1}{8}$ W	10%	R8	.....		01121	1
-7	CV31A080	CAPACITOR, VARIABLE	2-8pF			C6	.....		72982	1
-8	9410-2	CAPACITOR, VARIABLE	4-18pF			C11,12,13			91293	3
-9	835	CAPACITOR, FIXED	8pF	$\pm 0.5$ pF	N150 $\pm 60$	C8	.....		72982	1
-10	8121-050-W5R-102K	CAPACITOR, FIXED	1nF	50V		C5,9	.....		72982	2
-11	5913057	COIL				L7	.....		33859	1
-12	5913058	COIL				L8	.....		33859	1
-13	MS5140	DIODE				D1	.....		22229	1
-14	5933052	SPACER .....							33859	1
-15	5994050	P.C. BOARD SUB-ASSEMBLY .....							33859	1
-16	5932090	. P.C. BOARD .....							33859	1
-17	5947050	. POINT, SOLDER .....							33859	1

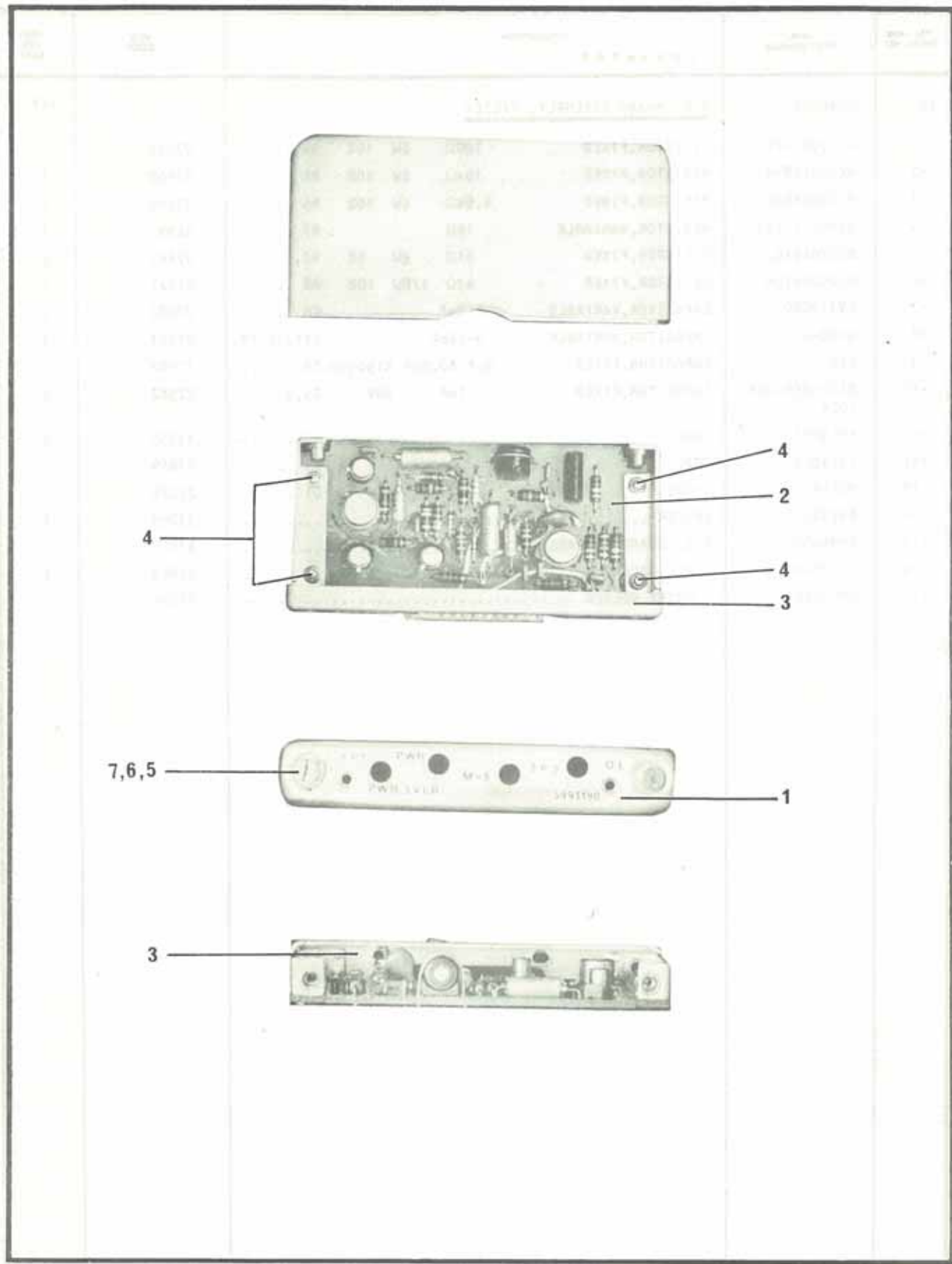


Fig. 17 - POWER LEVELER ASSEMBLY - M6

FIG AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
17-	5991190	<u>POWER LEVLER ASSEMBLY - M6</u>		REF
-1	5991200	COVER ASSEMBLY .....	33859	1
-2	5995060	P.C. BOARD ASSEMBLY (See fig 18) .....	33859	1
-3	5991210	BASE ASSEMBLY .....	33859	1
-4	MS35223-3	SCREW .....	99536	4
-5	C-1869555-012	FASTENER .....	78553	2
-6	5952270	SCREW .....	33859	2
-7	MS35337-40	WASHER .....	99536	2

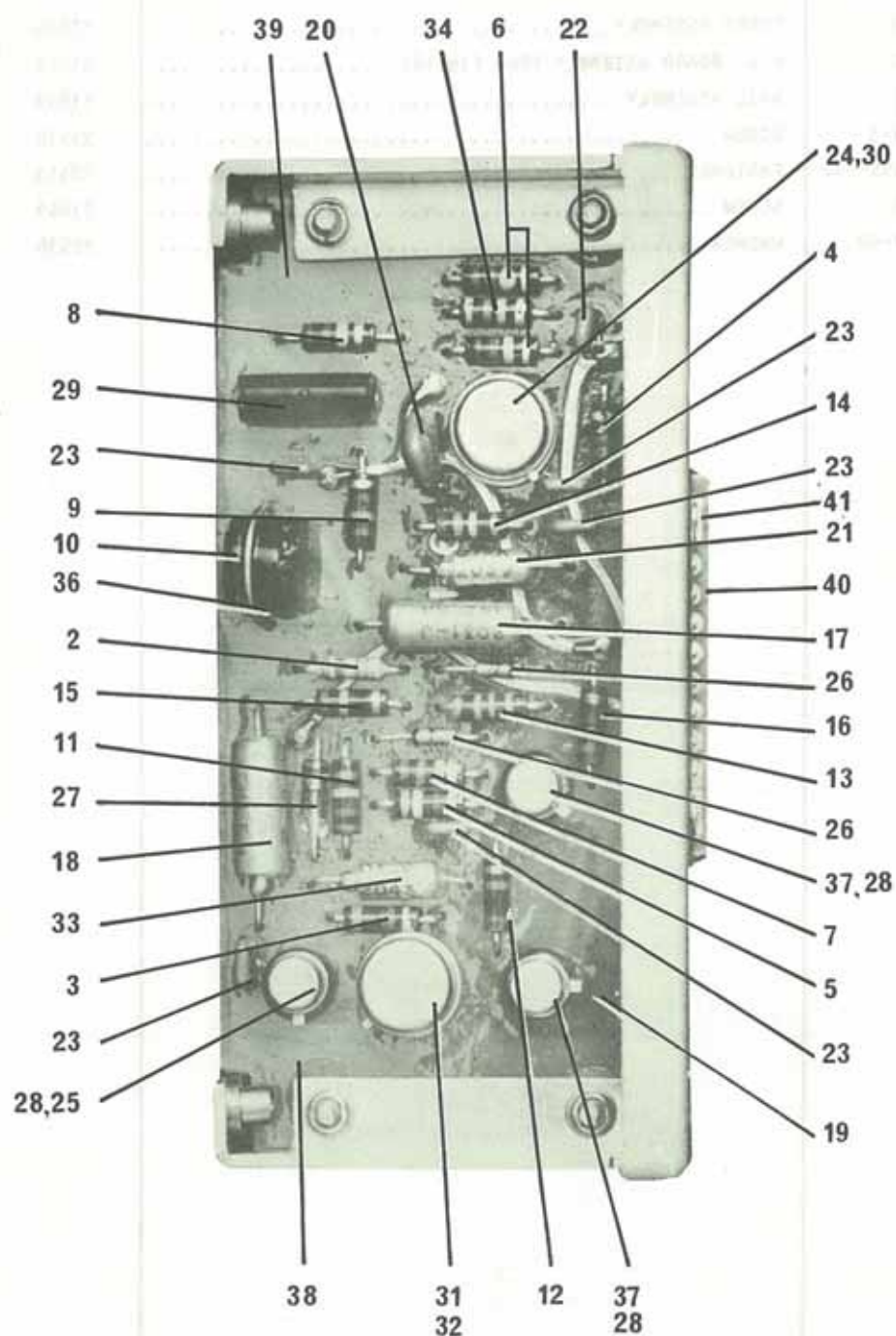




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
18-				
-1	5995060	P.C. BOARD ASSEMBLY, POWER LEVELER (M6)		REF
-2	RC07GF121K	RESISTOR, FIXED 120Ω 1/4W 10% R2.....	97469	1
-3	RC07GF821K	RESISTOR, FIXED 820Ω 1/4W 10% R19.....	97469	1
-4	RC07GF152K	RESISTOR, FIXED 1.5KΩ 1/4W 10% R8.....	97469	1
-5	RC07GF392K	RESISTOR, FIXED 3.9KΩ 1/4W 10% R12.....	97469	1
-6	RC07GF153K	RESISTOR, FIXED 15KΩ 1/4W 10% R5,6.....	97469	2
-7	RC07GF183K	RESISTOR, FIXED 18KΩ 1/4W 10% R13.....	97469	1
-8	RC07GF563K	RESISTOR, FIXED 56KΩ 1/4W 10% R7.....	97469	1
-9	RC07GF682K	RESISTOR, FIXED 6.8KΩ 1/4W 10% R10.....	97469	1
-10	3300W-1-502	RESISTOR, VARIABLE 5KΩ 1/4W 10% R18.....	32997	1
-11	RC07GF223J	RESISTOR, FIXED 22KΩ 1/4W 5% R17.....	97469	1
-12	RC07GF102J	RESISTOR, FIXED 1KΩ 1/4W 5% R15.....	97469	1
-13	RC07GF333J	RESISTOR, FIXED 33KΩ 1/4W 5% R14.....	97469	1
-14	RC07GF683J	RESISTOR, FIXED 6.8KΩ 1/4W 5% R11.....	97469	1
-15	RC07GF180J	RESISTOR, FIXED 18Ω 1/4W 5% R1.....	61637	1
-16	RC07GF112J	RESISTOR, FIXED 1.1KΩ 1/4W 5% R16.....	97469	1
-17	CSR13D226KL	CAPACITOR, FIXED TANTALUM 22μF 35V C9.....	56289	1
-18	CSR13F685ML	CAPACITOR, FIXED TANTALUM 6.8μF 50V C5.....	56289	1
-19	8013-202-W5R-332M-100V	CAPACITOR, FIXED CHIP 3.3nF C16.....	72982	1
-20	835	CAPACITOR, FIXED 12PF ±5% N150±30 C7.....	72982	1
-21	CSR13E125KL	CAPACITOR, FIXED TANTALUM 1.2μF 35V C8.....	56289	1
-22	8121-050-W5R-102K	CAPACITOR, FIXED 1nF 50V C2.....	72982	1
-23	8121-050-W5R-103M	CAPACITOR, FIXED 10nF 50V C3,4,6,10,17.	72982	5
-24	MT709A	INTEGRATED CIRCUIT IC1.....	33859	1
-25	JAN2N2222	TRANSISTOR Q2.....	33859	1
-26	1N914 SMALL	DIODE D1,4.....	01295	2
-27	1N4106	DIODE ZENER D2.....	04713	1
-28	T018-3L	INSULATOR-SPACER (SM447724B) .....	K1935	3
-29	119437-C	JACK TIP (SM502363B-2) .....	83058	1
-30	7717-8N	SPACER.....	13103	2
-31	T05-3L	INSULATOR-SPACER (SM447253B) .....	K1935	1
-32	JAN2N2219A	TRANSISTOR Q5.....	33859	1
-33	CSR13E225KL	CAPACITOR, FIXED TANTALUM 2.2μF 35V C15.....	56289	1
-34	RC07GF473K	RESISTOR, FIXED 47KΩ 1/4W 10% *R6.....	97469	1
-35	RC07GF393K	RESISTOR, FIXED 39KΩ 1/4W 10% *R6,9.....	97469	1
-36	AWG22	WIRE TINNED.....	97469	1
-37	JAN2N930	TRANSISTOR Q3,4.....	33859	2
-38	5994060	P.C. BOARD SUB-ASSEMBLY.....	33859	1

FIG AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
18-				
-39	5932050	. P.C. BOARD.....	33859	1
-40	02-001-332-5-100	. PIN, CONNECTOR .....	91662	8
-41	62-5204-40-12	. SOCKET, GUIDE.....	91662	2
1	5932050	...	...	...
2	5932050	...	...	...
3	5932050	...	...	...
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74	5932050	...	...	...
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92	5932050	...	...	...
93	5932050	...	...	...
94	5932050	...	...	...
95	5932050	...	...	...
96	5932050	...	...	...
97	5932050	...	...	...
98	5932050	...	...	...
99	5932050	...	...	...
100	5932050	...	...	...

\*R9 SHOULD BE 39K IF Vinc IS TOO HIGH

\*R6 CAN BE ITEM 6-15K $\Omega$ , 34-47K $\Omega$  OR ITEM 35-39K $\Omega$ 

ACCORDING TO VALUE DETERMIND DURING ALIGNMENT

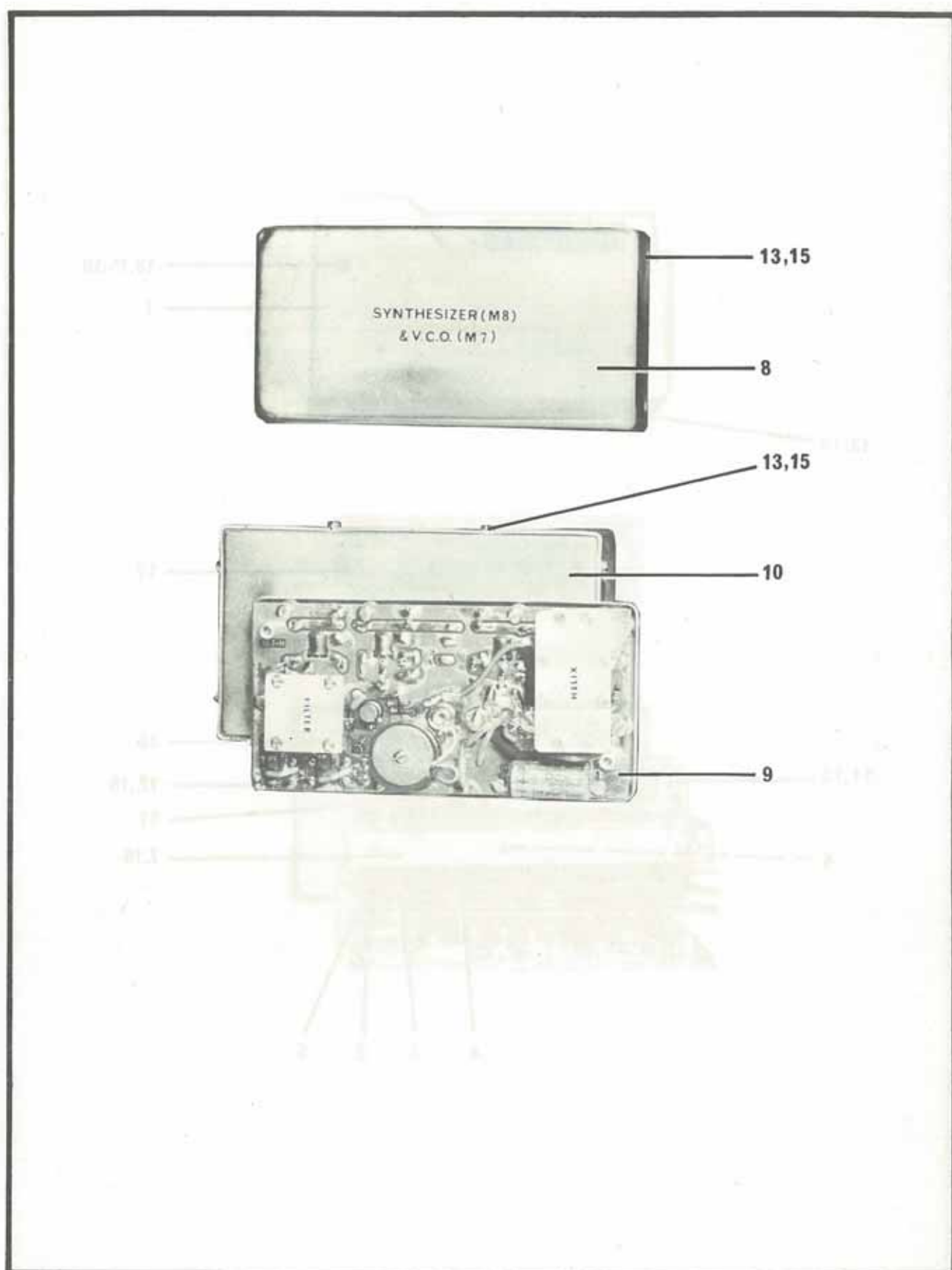


Fig. 19 - SYNTHESIZER &amp; VCO ASSEMBLY - M8, M7 (1 of 2)

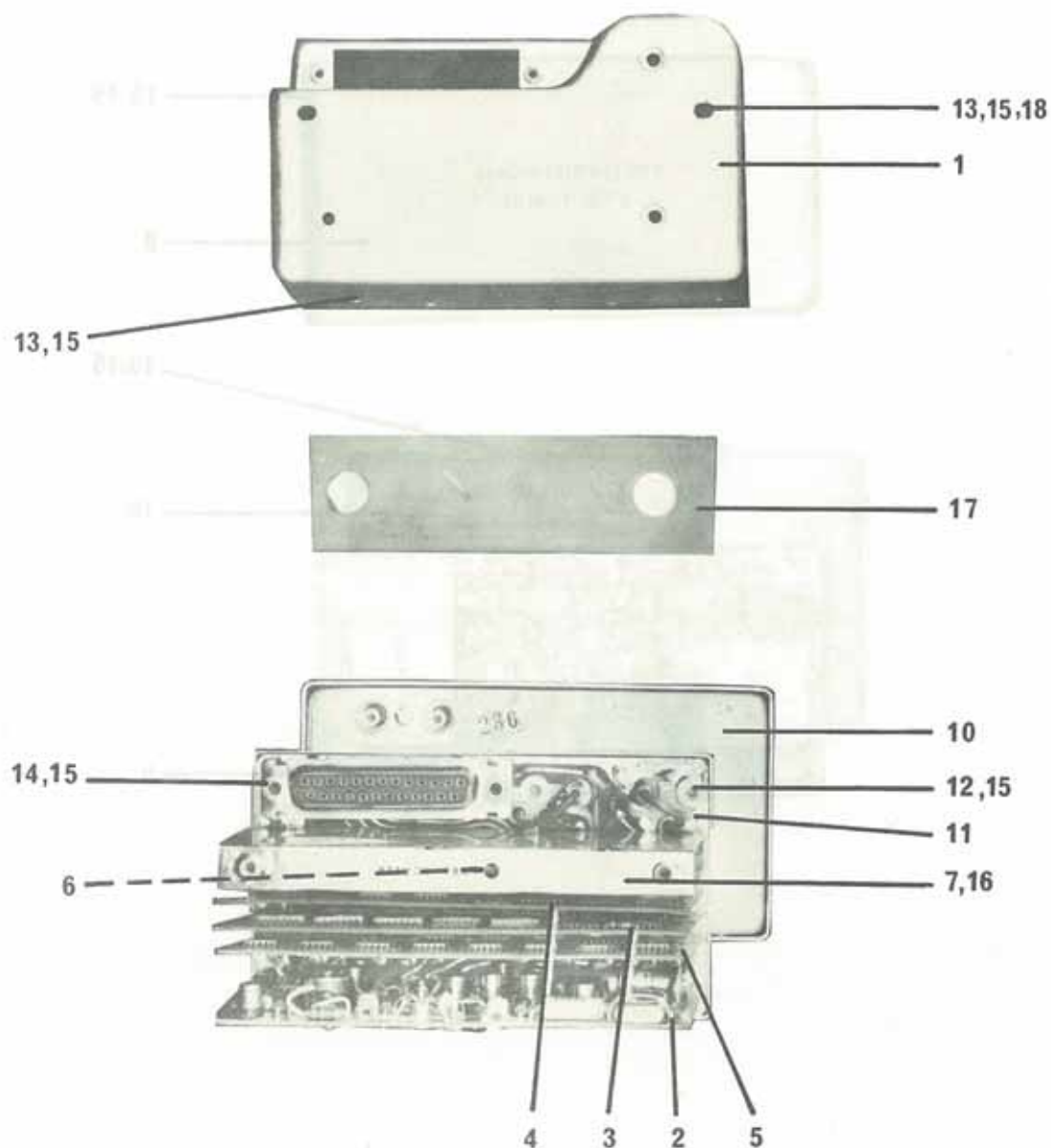
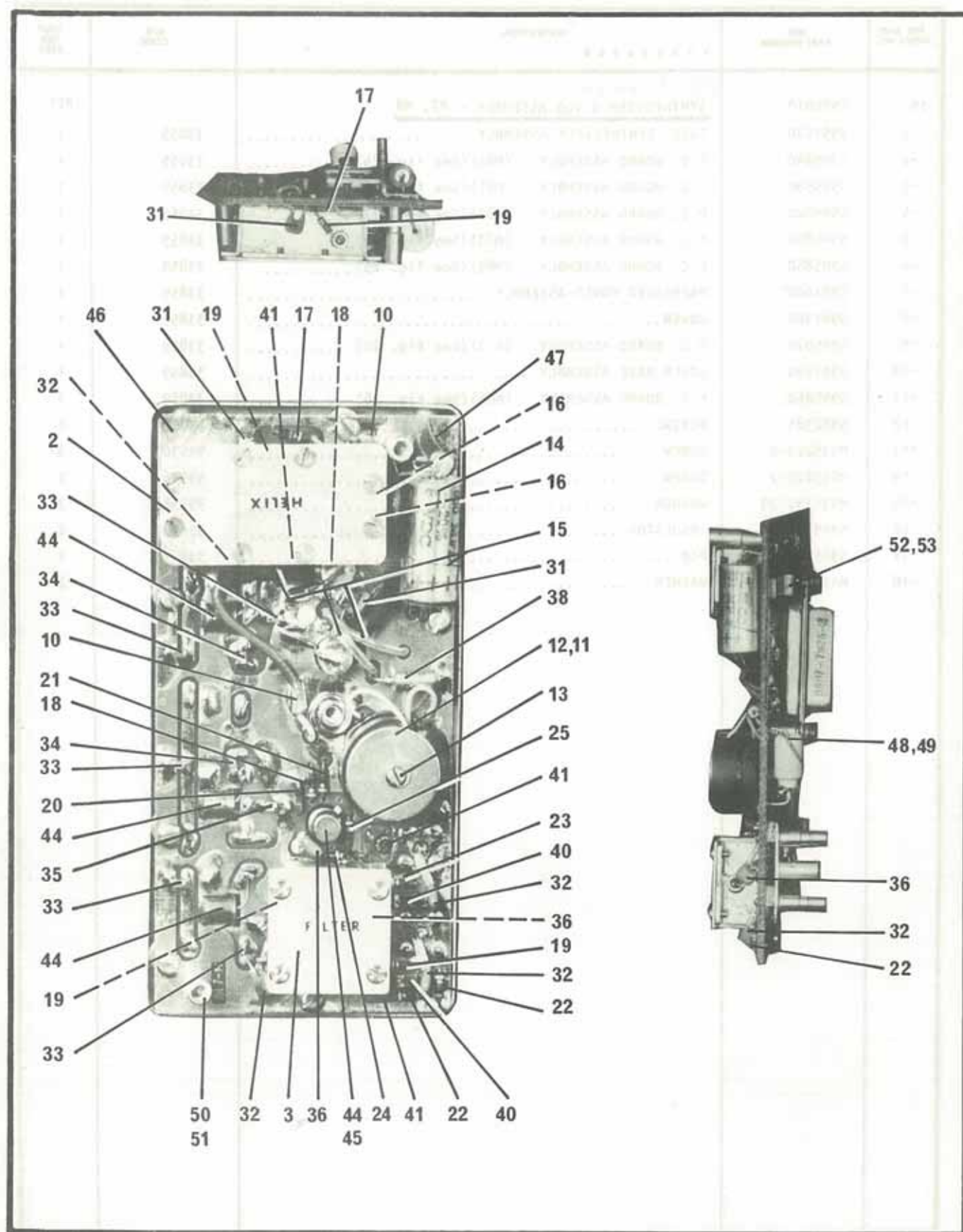




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION									MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6	7	8	9		
19-	5992010	9/6-240070 SYNTHESIZER & VCO ASSEMBLY - M7, M8										REF
-1	5991570	CASE, SYNTHESIZER ASSEMBLY .....									33859	1
-2	5995840	P.C. BOARD ASSEMBLY (M84) (See fig. 24) .....									33859	1
-3	5995590	P.C. BOARD ASSEMBLY (M81) (See fig. 21) .....									33859	1
-4	5995820	P.C. BOARD ASSEMBLY (M82) (See fig. 22) .....									33859	1
-5	5995830	P.C. BOARD ASSEMBLY (M83) (See fig. 23) .....									33859	1
-6	5995850	P.C. BOARD ASSEMBLY (M85) (See fig. 25) .....									33859	1
-7	5991600	PRESCALER COVER ASSEMBLY .....									33859	1
-8	5941360	COVER .....									33859	1
-9	5995070	P.C. BOARD ASSEMBLY (M 7) (See fig. 20) .....									33859	1
-10	5991590	COVER BASE ASSEMBLY .....									33859	1
-11	5995860	P.C. BOARD ASSEMBLY (M86) (See fig. 26) .....									33859	1
-12	5952381	SCREW .....									33859	2
-13	MS35229-2	SCREW .....									99536	31
-14	MS35229-7	SCREW .....									99536	2
-15	MS35337-39	WASHER .....									99536	35
-16	5949320	INSULATOR .....									33859	2
-17	5945160	PAD .....									33859	1
-18	NAS620-3L	WASHER .....									99536	2



2-54 Fig. 20 - P.C. BOARD SUB-ASSEMBLY, VCO - M7 (1 of 2)

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION										MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6	7	8	9			
20-													
-1	5995070	P.C. BOARD SUB-ASSEMBLY, VCO (M7)											REF
-2	5992310	HELIX ASSEMBLY .....										33859	1
-3	5992320	FILTER ASSEMBLY .....										33859	1
-4	DAMF7W3S2	CONNECTOR.....										73899	1
-5	5023	CONNECTOR, COXIAL.....										98291	2
-6	MS35223-3	SCREW.....										99536	2
-7	5991550	PLATE CONNECTOR ASSEMBLY .....										33859	1
-8	DM53743	CONNECTOR COAXIAL .....										73899	2
-9	MS35337-39	WASHER.....										99536	3
-10	5947140	TERMINAL LUG (SM447562B).....										33859	4
-11	5913076	COIL		50mH		L1.....					33859	1	
-12	MS15795-801	WASHER.....										99536	1
-13	5952261	SCREW.....										33859	1
-14	CL65CC851MP3-T3	CAPACITOR, FIXED		850μF		C1.....					56289	1	
-15	5980008	WIRE SET										33859	1
-16	RC05GF332K	RESISTOR, FIXED		3.3KΩ 1/8W 10%		R1,2.....					01121	2	
-17	RC05GF203J	RESISTOR, FIXED		20KΩ 1/8W 5%		R7.....					01121	1	
-18	RC05GF101K	RESISTOR, FIXED		100Ω 1/8W 5%		R3,13,21,35.....					01121	4	
-19	RC05GF222K	RESISTOR, FIXED		2.2KΩ 1/8W 10%		R5,6,25,26.....					01121	4	
-20	RC05GF152K	RESISTOR, FIXED		1.5KΩ 1/8W 5%		R12,19,23,34....					01121	4	
-21	RC05GF220K	RESISTOR, FIXED		22Ω 1/8W 10%		R28,30.....					01121	2	
-22	RC05GF102K	RESISTOR, FIXED		1KΩ 1/8W 10%		R31,32.....					01121	2	
-23	RC05GF121K	RESISTOR, FIXED		120Ω 1/8W 10%		R29.....					01121	1	
-24	RC05GF202J	RESISTOR, FIXED		2KΩ 1/8W 5%		R18,22,33.....					01121	3	
-25	RC05GF680J	RESISTOR, FIXED		68Ω 1/8W 5%		R27.....					01121	1	
-26	RC05GF392K	RESISTOR, FIXED		3.9KΩ 1/8W 10%		R11.....					01121	1	
-27	RC05GF221K	RESISTOR, FIXED		220Ω 1/8W 10%		R14,20.....					01121	2	
-28	RC05GF9R1J	RESISTOR, FIXED		9.1Ω 1/8W 5%		R15,17.....					01121	2	
-29	RC05GF151J	RESISTOR, FIXED		150Ω 1/8W 5%		R16,36.....					01121	2	
-30	RC05GF820J	RESISTOR, FIXED		32Ω 1/8W 5%		R24.....					01121	1	
-31	8121-050-W5R-103M	CAPACITOR, FIXED		10nF 50V		C7,34.....					72982	2	
-32	8121-050-W5R-102K	CAPACITOR, FIXED		1nF 50V		C10,16,19,25,26..					72982	5	
-33	8013-202-W5R-332M-100V	CAPACITOR, FIXED CHIP				C2,8,12,13,17,18 20,23,27,29,13, 32.....					72892	12	
-34	8000-006-W5R-102M-100V	CAPACITOR, FIXED CHIP				C11,14,22,24....					72892	4	
-35	8000-006-COG-220K-100V	CAPACITOR, FIXED CHIP		22PF 100V		C15.....					72892	1	
-35	8000-006-W5R-101M-100V	CAPACITOR, FIXED CHIP		100PF 100V		C15.....					72892	1	



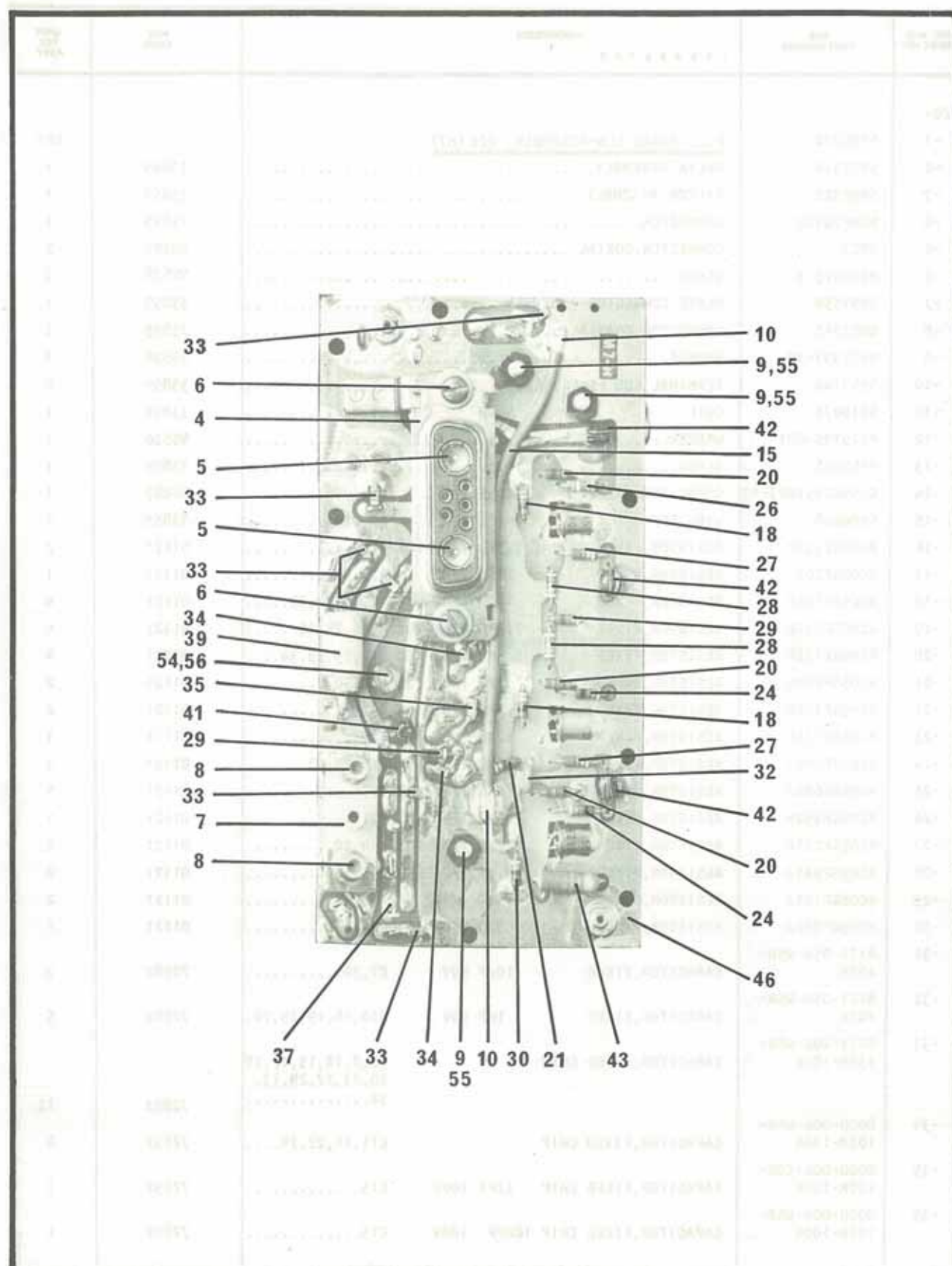


Fig. 20 - P.C. BOARD SUB-ASSEMBLY, VCO - M7 (2 of 2)



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION										MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6	7	8	9			
20													
-36	8121-100-COG-471K	CAPACITOR, FIXED	470PF	100V	C21,30.....						72892	2	
-37	WY012R2C	CAPACITOR, FIXED CHIP	2.2PF		C33.....						73899	0	
-38	CSR13D335KL	CAPACITOR, FIXED	3.3μF	35V	C28.....						56289	1	
-39	1N3827A	TANTALUM DIODE ZENER			D7.....						11532	1	
-40	BA182	DIODE			D5,6.....						H1418	2	
-41	5913061	CHOKE, RF			L2,8,9,10.....						33859	4	
-42	5913151	CHOKE, RF			L4,5,6.....						33859	3	
-43	WEE WEE DUCTOR	CHOKE, RF	0.33μH		L7.....						43543	1	
-44	BFY90	TRANSISTOR			Q2,3,4,5.....						H1418	4	
-45	T018-3L	INSULATOR-SPACER (SM447724B).....									K1935	1	
-46	5994070	P.C. BOARD SUB-ASSEMBLY.....									33859	1	
-47	5932100	. P.C. BOARD.....									33859	1	
-48	5946140	. SUPPORT, CONNECTOR.....									33859	1	
-49	5943040	. WASHER (SM447058B-2).....									33859	1	
-50	5943060	. WASHER (SM447058B-3).....									33859	2	
-51	5946130	. SUPPORT .....									33859	2	
-52	5944640	. BRACKET, CONNECTOR.....									33859	1	
-53	5954010	. RIVET (SM447956B).....									33859	2	
-54	5951101	NUT.....									33859	1	
-55	MS35649-225	NUT.....									99536	3	
-56	5953150	WASHER.....									33859	1	

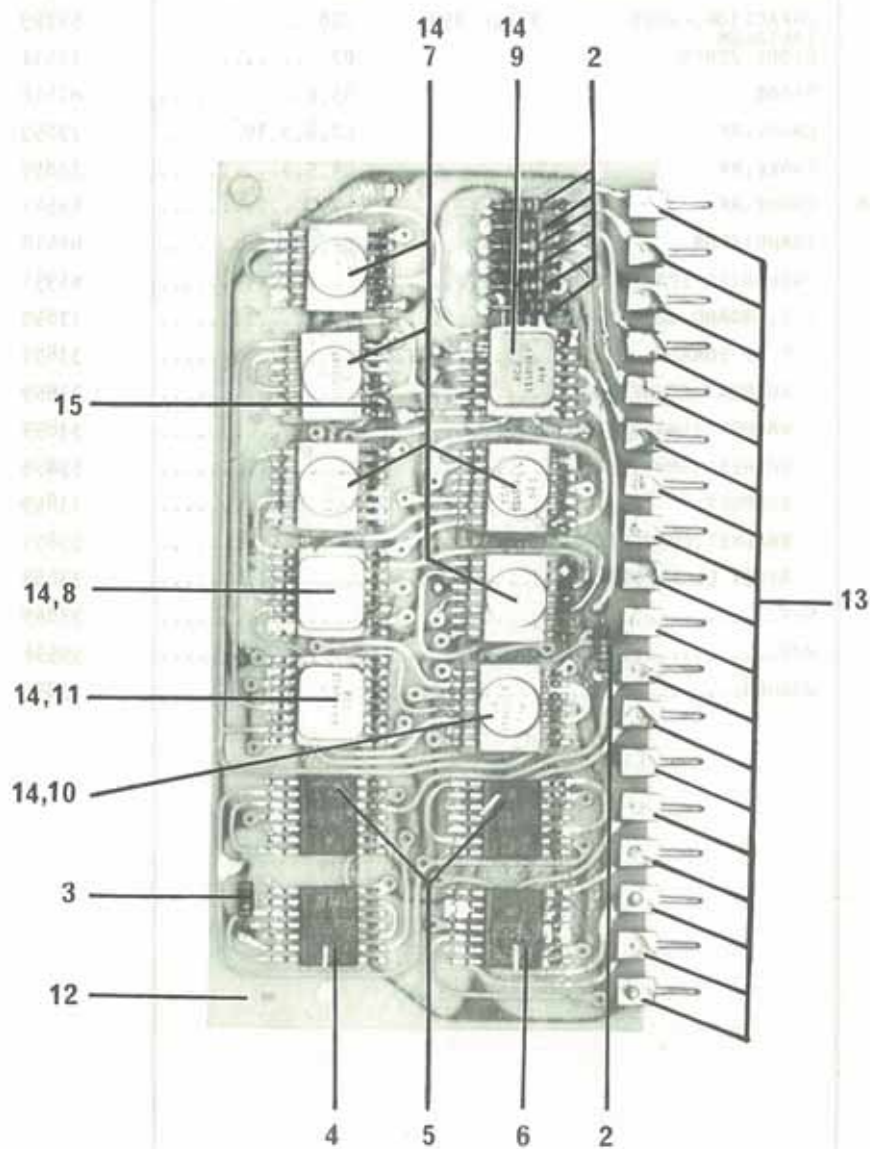


FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
21-				
-1	5995590	P.C. BOARD ASSEMBLY (M81)		REF
-2	RC05GF103K	RESISTOR, FIXED 10KΩ 1/8W 10% R2,3,4,5,6,7,8 .....	01121	7
-3	RC05GF302K	RESISTOR, FIXED 3KΩ 1/8W 10% R1 .....	01121	1
-4	S8480J	INTEGRATED CIRCUIT IC28 .....	18324	1
-5	S8424J	INTEGRATED CIRCUIT IC26,27 .....	18324	2
-6	S8280J	INTEGRATED CIRCUIT IC17 .....	18324	1
-7	CD4013AK	INTEGRATED CIRCUIT IC19,20,21,22,23 ...	18723	5
-8	CD4027AK	INTEGRATED CIRCUIT IC18 .....	18723	1
-9	CD4019AK	INTEGRATED CIRCUIT IC24 .....	18723	1
-10	CD4011AK	INTEGRATED CIRCUIT IC29 .....	18723	1
-11	CD4049AK	INTEGRATED CIRCUIT IC25 .....	18723	1
-12	5932110	P.C. BOARD .....	33859	1
-13	461-2634-1-03	PIN, CONNECTOR.....	71279	18
-14	5949340	INSULATOR .....	33859	9

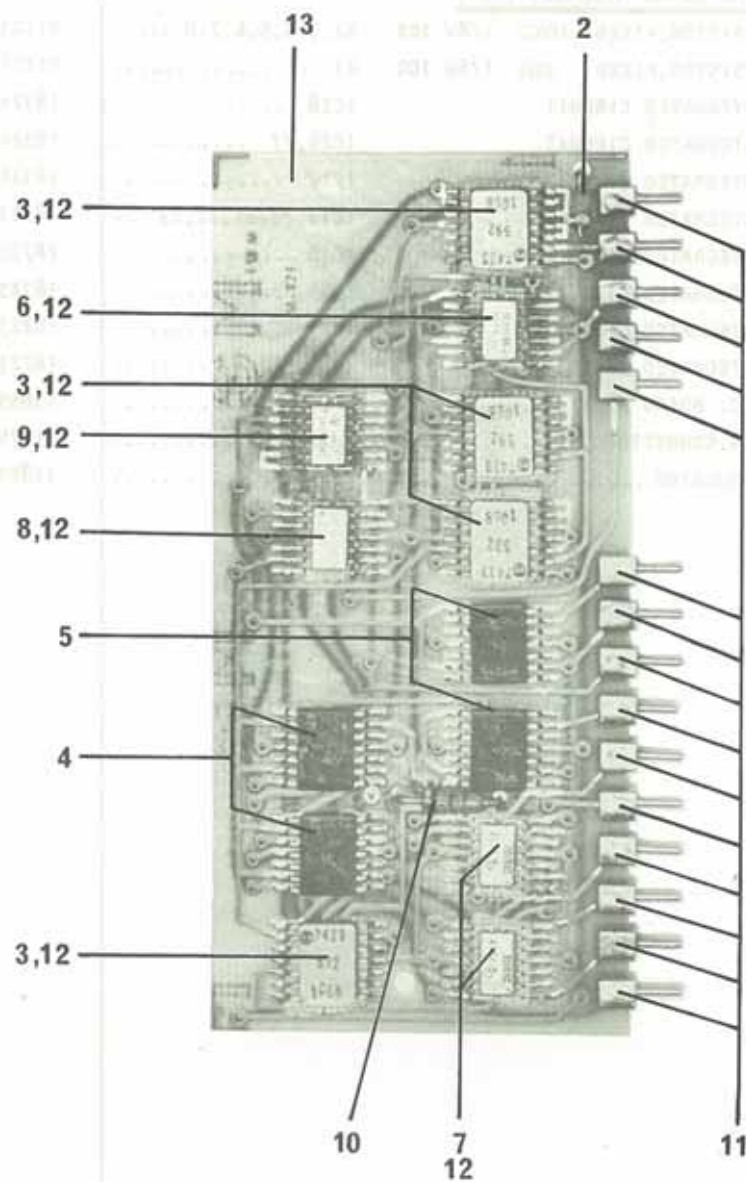
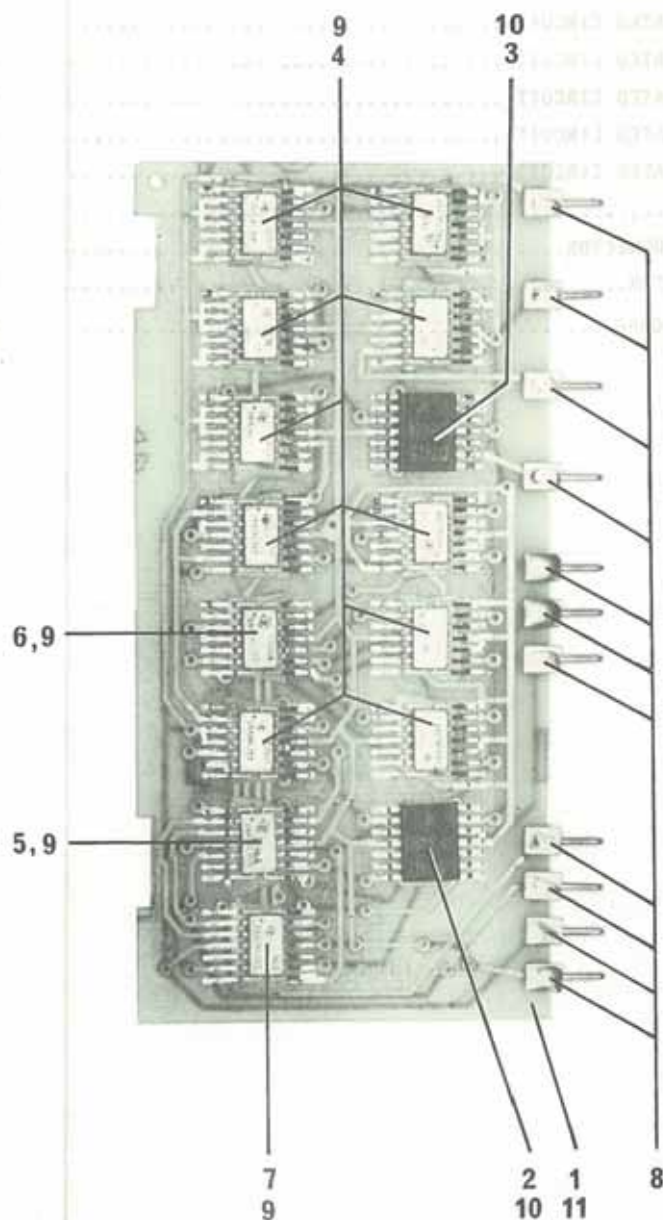




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
22-				
-1	5995290	P.C. BOARD ASSEMBLY, VARIABLE DIVIDER ( M 82).....		REF
-2	8121-050-W5R-103M	CAPACITOR, FIXED.....	72982	1
-3	RF 3200K	INTEGRATED CIRCUIT.....	07933	4
-4	USS 5479J	INTEGRATED CIRCUIT.....	56289	2
-5	S8424J	INTEGRATED CIRCUIT.....	18324	2
-6	SNA 54H00S-11	INTEGRATED CIRCUIT.....	01295	1
-7	SNA 5400S-11	INTEGRATED CIRCUIT.....	01295	2
-8	SNA 5410S-11	INTEGRATED CIRCUIT.....	01295	1
-9	SNA 5472S-11	INTEGRATED CIRCUIT.....	01295	1
-10	1N270	DIODE.....	11532	1
-11	461-2634-1-03	PIN, CONNECTOR.....	71279	15
-12	5949340	INSULATOR.....	33859	9
-13	5932790	P.C. BOARD .....	33859	1



2-62 Fig. 23 - P.C. BOARD ASSEMBLY, FREQ. DISCRIMINATOR &amp; FIXED DIVIDER-M83

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
23-				
-1	5995830	P.C. BOARD ASSEMBLY,FREQ. DISCR.& FIXED DIVIDER (M83)		REF
-2	S8480J	INTEGRATED CIRCUIT IC14 .....	18324	1
-3	S8424J	INTEGRATED CIRCUIT IC1 .....	18324	1
-4	SNA54L73S-11	INTEGRATED CIRCUIT IC2,3,4,5,6,7,8,9,10,11 ...	01295	10
-5	SNA54L00S-11	INTEGRATED CIRCUIT IC13 .....	01295	1
-6	SNA54L30S-11	INTEGRATED CIRCUIT IC12 .....	01295	1
-7	SNA54L10S-11	INTEGRATED CIRCUIT IC15 .....	01295	1
-8	461-2634-1-03	PIN, CONNECTOR.....	71279	11
-9	5949340	INSULATOR .....	33859	13
-10	5949330	INSULATOR .....	33859	2
-11	5932180	P.C. BOARD.....	33859	1

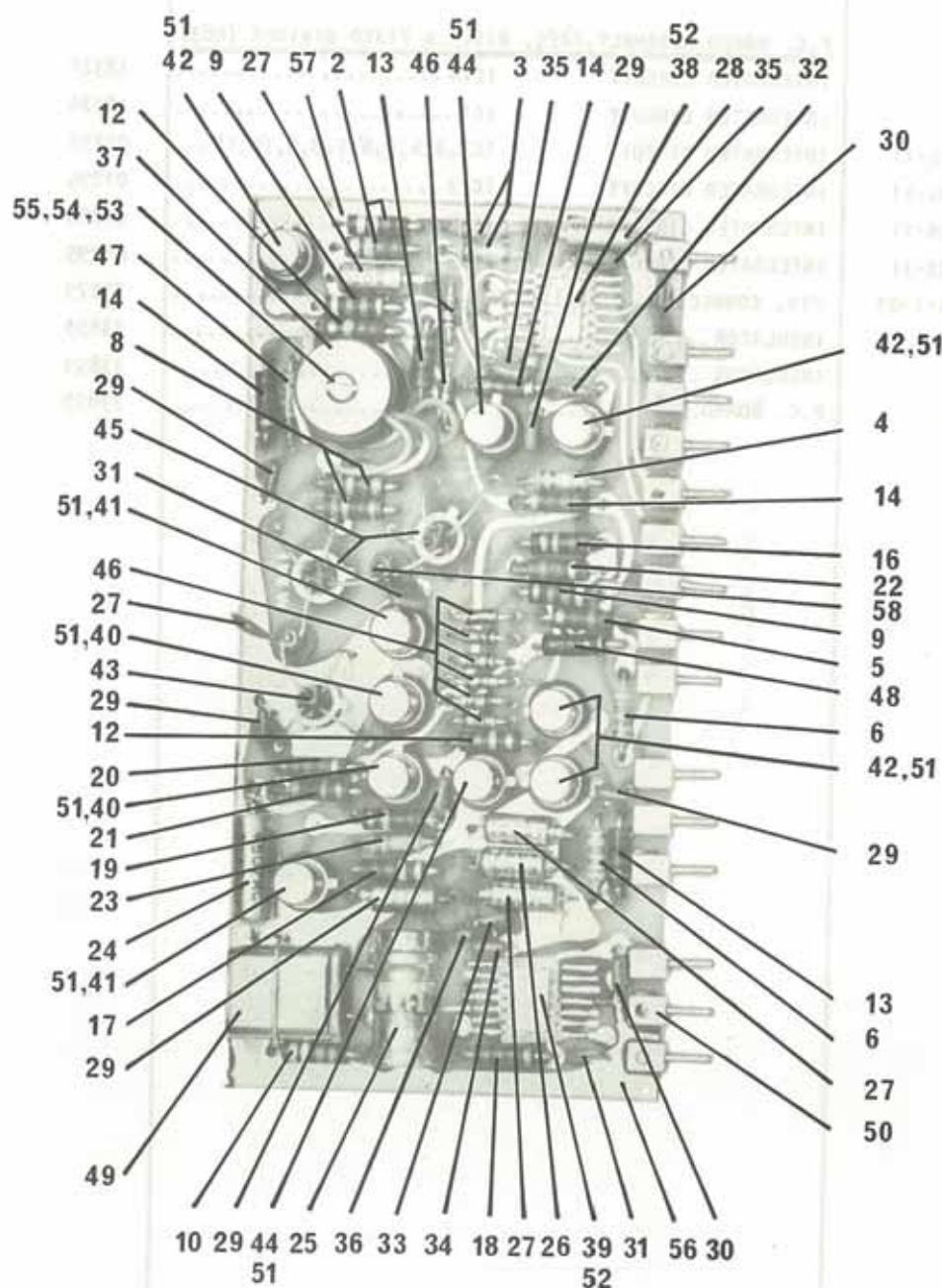


Fig. 24 - P.C. BOARD ASSEMBLY, FILTER - M84



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
24-				
-1	5995840	P.C. BOARD ASSEMBLY, FILTER (M84)		REF
-2	RC07GF153K	RESISTOR, FIXED 15K $\Omega$ 1/4W 10% R2,4	97469	2
-3	RC07GF273K	RESISTOR, FIXED 27K $\Omega$ 1/4W 10% R1,3	97469	2
-4	RC07GF224K	RESISTOR, FIXED 220K $\Omega$ 1/4W 10% R8	97469	1
-5	RC07GF682K	RESISTOR, FIXED 6.8K $\Omega$ 1/4W 10% R25	97469	1
-6	RC07GF122K	RESISTOR, FIXED 1.2K $\Omega$ 1/4W 10% *R10,19,26	97469	3
-7		deleted		
-8	RC07GF332J	RESISTOR, FIXED 3.3K $\Omega$ 1/4W 5% R12,13	97469	2
-9	RC07GF472J	RESISTOR, FIXED 4.7K $\Omega$ 1/4W 5% R5,21	97469	2
-10	RC07GF562J	RESISTOR, FIXED 5.6K $\Omega$ 1/4W 5% **R23,27	97469	2
-11		deleted		
-12	RC07GF223J	RESISTOR, FIXED 22K $\Omega$ 1/4W 5% R7,20	97469	2
-13	RC07GF102J	RESISTOR, FIXED 1K $\Omega$ 1/4W 5% *R10,22	97469	2
-14	RC07GF152J	RESISTOR, FIXED 1.5K $\Omega$ 1/4W 5% R6,9,10,11	97469	4
-15	RC07GF392J	RESISTOR, FIXED 3.9K $\Omega$ 1/4W 5% R27	97469	1
-16	RC07GF153J	RESISTOR, FIXED 15K $\Omega$ 1/4W 5% R24	97469	1
-17	RC07GF154J	RESISTOR, FIXED 150K $\Omega$ 1/4W 5% R18	97469	1
-18	RC07GF202J	RESISTOR, FIXED 2K $\Omega$ 1/4W 5% R28	97469	1
-19	RC07GF224J	RESISTOR, FIXED 220K $\Omega$ 1/4W 5% R16	97469	1
-20	RC07GF272J	RESISTOR, FIXED 2.7K $\Omega$ 1/4W 5% R14	97469	1
-21	RC07GF303J	RESISTOR, FIXED 30K $\Omega$ 1/4W 5% R15	97469	1
-22	RC07GF682J	RESISTOR, FIXED 6.8K $\Omega$ 1/4W 5% **R23	97469	1
-23	RC07GF683J	RESISTOR, FIXED 68K $\Omega$ 1/4W 5% R17	97469	1
-24	CSR13G475KL	CAPACITOR, FIXED 4.7 $\mu$ F 35V C17	56289	1
-25	VC9GWY	CAPACITOR, VARIABLE 0.8-8.5pF C19	73899	1
-26	CSR13G224KL	CAPACITOR, FIXED TANTALUM 0.22 $\mu$ F 35V C13,15	56289	2
-27	CSR13G474KL	CAPACITOR, FIXED TANTALUM 0.47 $\mu$ F 35V C6,14,16	56289	3
-28	CSR13B685KL	CAPACITOR, FIXED TANTALUM 6.8 $\mu$ F 35V C1	56289	1
-29	8121-050-W5R-103K	CAPACITOR, FIXED 10nF 50V C7,10,11,12,18	72982	5
-30	8121-050-W5R-103M	CAPACITOR, FIXED 10nF 50V C3,23	72982	2
-31	8121-100-C0G-221J	CAPACITOR, FIXED 220pF 100V C8,9,22	72982	3
-32	8121-100-W5R-222K	CAPACITOR, FIXED 2.2nF 100V C5	72982	1
-33	8111-A 100-U2J-270K	CAPACITOR, FIXED 27pF 100V C20	72982	1
-34	8121-100-C0G-102J	CAPACITOR, FIXED 1nF 100V C21	72982	1
-35	8121-100-C0G-151J	CAPACITOR, FIXED 150pF 100V C2,4	72982	2
-36	8101-200-C0G-479J	CAPACITOR, FIXED 4.7pF 200V C24	72982	1

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
24-				
-37	5913135	TRANSFORMER TR1 .....	33859	1
-38	SNA54L00S-11	INTEGRATED CIRCUIT IC1 .....	01295	1
-39	SNA5400S-11	INTEGRATED CIRCUIT IC2.....	01295	1
-40	2N3821	TRANSISTOR Q11,12 .....	01295	2
-41	JAN2N2484	TRANSISTOR Q7,13 .....	33859	2
-42	JAN2N2222A	TRANSISTOR Q1,3,8,10 .....	33859	4
-43	JAN2N3686	TRANSISTOR Q6 .....	33859	1
-44	JAN 2N2907A	TRANSISTOR Q2,9 .....	33859	2
-45	3N109	TRANSISTOR Q4,5 .....	01295	2
-46	1N4148	DIODE D1,2,4,5,6,7,8,9..	D8849	8
-47	1N270	DIODE D3 .....	11532	1
-48	1N972B	DIODE ZENER D10 .....	04713	1
-49	5922001	CRYSTAL 6.4MHz XTAL.....	33859	1
-50	461-2634-1-03	PIN, CONNECTOR.....	71279	15
-51	T018-3L	INSULATOR-SPACER (SM447724B).....	K1935	10
-52	5949340	INSULATOR .....	33859	1
-53	5951101	NUT .....	33859	1
-54	5952391	SCREW .....	33859	1
-55	5953160	WASHER .....	33859	1
-56	5994840	P.C. BOARD SUB-ASSEMBLY.....	33859	1
-57	5932190	. P.C. BOARD (M84) .....	33859	1
-58	144-19-GRN	. TERMINAL.....	12615	2
		*R10 is factory selected 1K or 1.2K or 1.5K		
		**R23 is factory selected 5.6K or 6.8K		

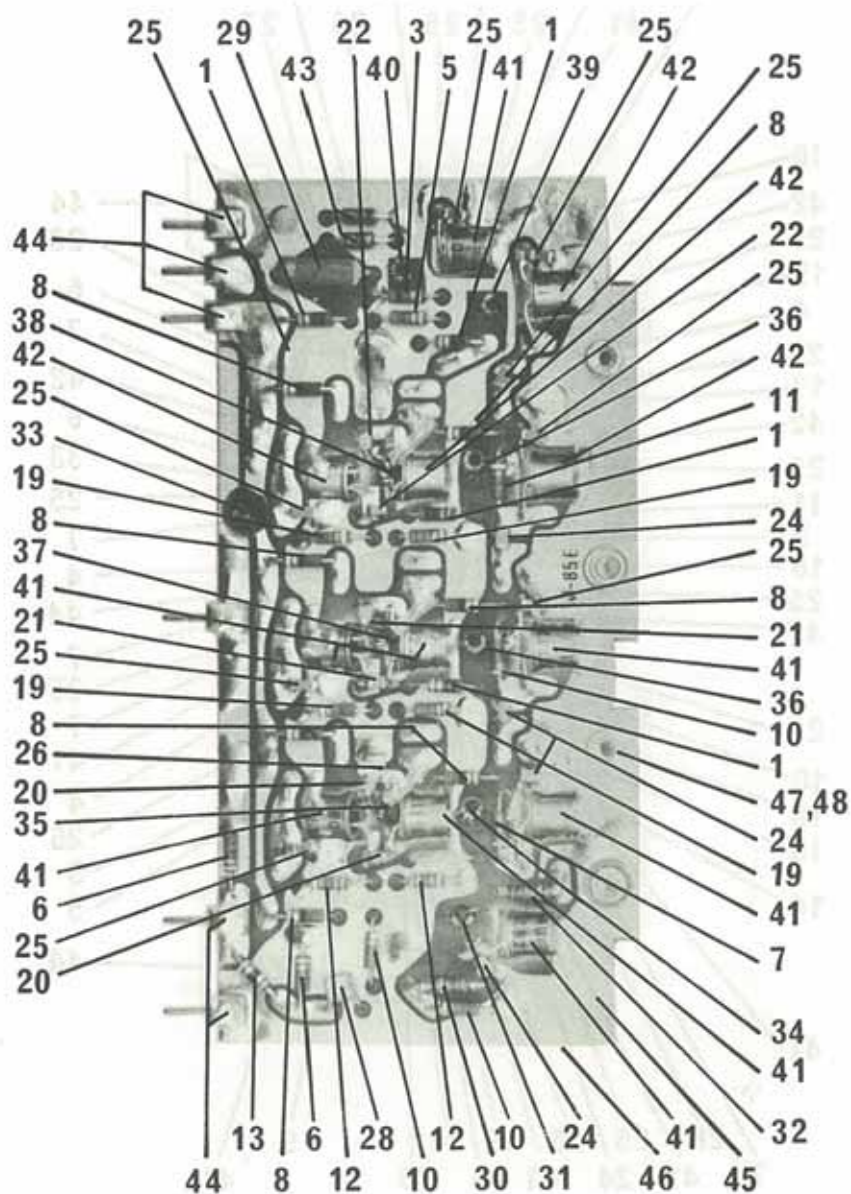


Fig. 25 - P.C. BOARD ASSEMBLY, PRESCALER - M85 (1 of 2)



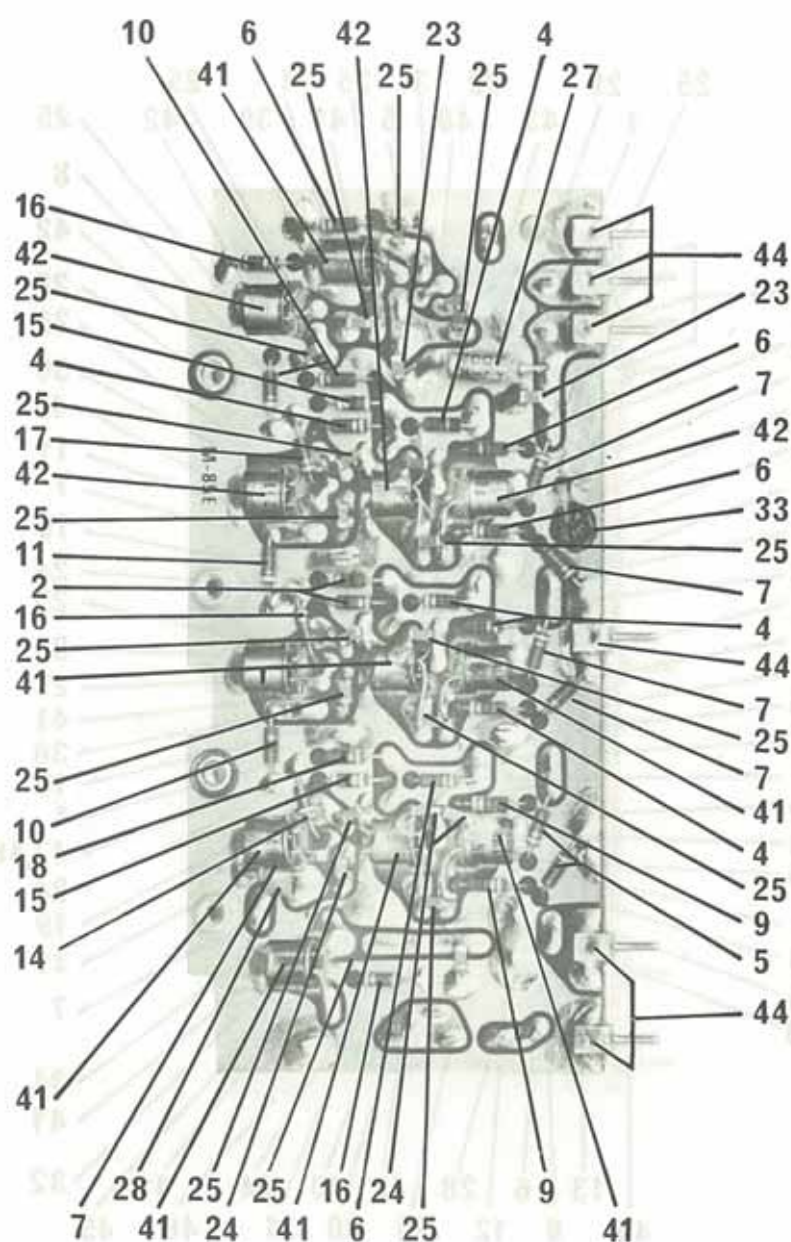




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION						MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6		
25-	5995850	P.C. BOARD ASSEMBLY, PRESCALER (M85)							REF
-1	RC05GF100K	RESISTOR, FIXED	10 $\Omega$	1/8W	10%	R26,41,54,58		01121	4
-2	RC05GF101K	RESISTOR, FIXED	100 $\Omega$	1/8W	10%	R34,35		01121	2
-3	RC05GF102J	RESISTOR, FIXED	1K $\Omega$	1/8W	5%	R56		01121	1
-4	RC05GF121K	RESISTOR, FIXED	120 $\Omega$	1/8W	5%	R28,31,33,48,49		01121	5
-5	RC05GF122J	RESISTOR, FIXED	1.2K $\Omega$	1/8W	5%	R14,15,57		01121	3
-6	RC05GF181K	RESISTOR, FIXED	180 $\Omega$	1/8W	10%	R1,3,18,43,46		01121	5
-7	RC05GF182J	RESISTOR, FIXED	1.8K $\Omega$	1/8W	5%	R8,9,29,30,44		01121	5
-8	RC05GF220K	RESISTOR, FIXED	22 $\Omega$	1/8W	10%	R6,11,17,24,32,39,47		01121	7
-9	RC05GF221K	RESISTOR, FIXED	220 $\Omega$	1/8W	10%	R13,16		01121	2
-10	RC05GF222J	RESISTOR, FIXED	2.2K $\Omega$	1/8W	5%	R4,5,22,23,52,53		01121	6
-11	RC05GF272J	RESISTOR, FIXED	2.7K $\Omega$	1/8W	5%	R37,38		01121	2
-12	RC05GF331J	RESISTOR, FIXED	330 $\Omega$	1/8W	5%	R12,21		01121	2
-13	RC05GF390K	RESISTOR, FIXED	39 $\Omega$	1/8W	10%	R2		01121	1
-14	RC05GF391K	RESISTOR, FIXED	390 $\Omega$	1/8W	10%	R10		01121	1
-15	RC05GF470K	RESISTOR, FIXED	47 $\Omega$	1/8W	10%	R19,50		01121	2
-16	RC05GF471K	RESISTOR, FIXED	470 $\Omega$	1/8W	10%	R7,25,55		01121	3
-17	RC05GF681J	RESISTOR, FIXED	680 $\Omega$	1/8W	5%	R40		01121	1
-18	RC05GF820K	RESISTOR, FIXED	82 $\Omega$	1/8W	10%	R20		01121	1
-19	RC05GF821J	RESISTOR, FIXED	820 $\Omega$	1/8W	5%	R27,36,42,51		01121	4
-20	8000-006-COG-120K-100V	CAPACITOR, FIXED CHIP	12pF		100V	C10,13		72982	2
-21	8000-006-COG-220K-100V	CAPACITOR, FIXED CHIP	22pF		100V	C18,22		72982	2
-22	8000-006-W5R-470M-100V	CAPACITOR, FIXED CHIP	47pF		100V	C27,31		72982	2
-23	8013-202-W5R-472K-100V	CAPACITOR, FIXED CHIP	4.7nF		100V	C39,40		72982	2
-24	8000-006-W5R-102M-100V	CAPACITOR, FIXED CHIP	1nF		100V	C3,6-9,14,23		72982	7
-25	8013-202-W5R-332M-100V	CAPACITOR, FIXED CHIP	3.3nF		100V	C2,5,11,12,15-17,19-21,24-26,28-30,32-38		72982	23
-26	WY012R2C	CAPACITOR, FIXED CHIP	2.2pF			C42		73899	1
-27	CSR13B685KL	CAPACITOR, FIXED TANTALUM	6.8 $\mu$ F		35V	C41		56289	1
-28	8111-200-COG-689K	CAPACITOR, FIXED	3.9pF			C1,4		72982	2
-29	WEE WEE DUCTOR	CHOKE, RF	0.1 $\mu$ H			L4		43543	1
-30	5913131	COIL				L1		33859	1
-31	5913132	CHOKE, RF				L2		33859	1
-32	5913133	COIL				L3		33859	1

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
25-				
-33	5913138	COIL RADIO FREQUENCY CHOKE L8 .....	33859	1
-34	5913141	TRANSFORMER T1 .....	33859	1
-35	5913142	TRANSFORMER T2 .....	33859	1
-36	5913143	TRANSFORMER T3,5 .....	33859	2
-37	5913144	TRANSFORMER T4 .....	33859	1
-38	5913146	TRANSFORMER T6 .....	33859	1
-39	5913147	TRANSFORMER T7 .....	33859	1
-40	5913148	TRANSFORMER T8 .....	33859	1
-41	BFY90	TRANSISTOR Q1-7,12 .....	H1418	8
-42	2N918	TRANSISTOR Q8-11 .....	33859	4
-43	1N4148	DIODE D1,2 .....	D8849	2
-44	461-2634-02-03	PIN, CONNECTOR.....	71279	6
-45	5994850	P.C. BOARD SUB ASSEMBLY.....	33859	1
-46	5932200	• P.C. BOARD.....	33859	1
-47	5944780	• FIXED NUT.....	33859	4
-48	NAS620C4L	• WASHER.....	99536	4

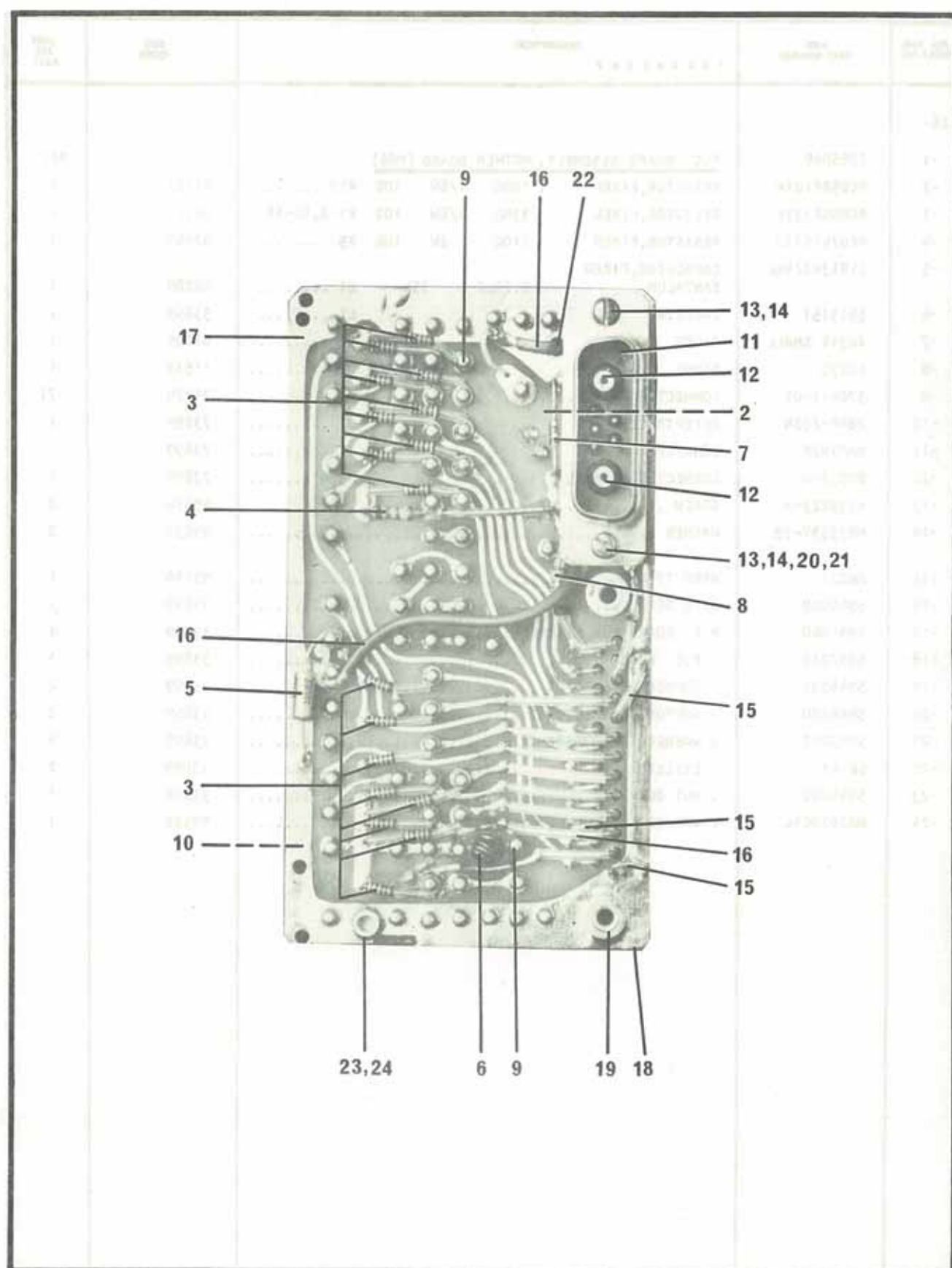


Fig. 26 - P.C. BOARD ASSEMBLY, MOTHER BOARD - M86



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION						MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6		
26-		P.C. BOARD ASSEMBLY, MOTHER BOARD (M86)							REF
-1	5995860	P.C. BOARD ASSEMBLY, MOTHER BOARD (M86)							
-2	RC05GF101K	RESISTOR, FIXED	100Ω	1/8W	10%	R19	.....	01121	1
-3	RC05GF333K	RESISTOR, FIXED	33KΩ	1/8W	10%	R1-8, 10-18.		01121	17
-4	RC07GF511J	RESISTOR, FIXED	510Ω	1/4W	10%	R9	.....	97469	1
-5	CSR13H224KL	CAPACITOR, FIXED TANTALUM	0.22μF	35V		C1	.....	56289	1
-6	5913151	CHOKE, RF				L1	.....	33859	1
-7	1N914 SMALL	DIODE				D2	.....	01295	1
-8	1N270	DIODE				D1	.....	11532	1
-9	3704-1-03	CONNECTOR JACK.....						71279	71
-10	DBMF-25S4	RECEPTACLE				J1	.....	73899	1
-11	DAM7W2P	CONNECTOR				J2	.....	73899	1
-12	DM53740	CONNECTOR COAXIAL				J3, 4	.....	73899	2
-13	MS35223-3	SCREW .....						99536	2
-14	MS35337-39	WASHER .....						99536	2
-15	AWG22	WIRE TINNED .....						99536	1
-16	5980009	WIRE SET .....						33859	1
-17	5994860	P.C. BOARD SUB ASSEMBLY.....						33859	1
-18	5932210	• P.C. BOARD .....						33859	1
-19	5946590	• SUPPORT, CONNECTOR .....						33859	2
-20	5946280	• SUPPORT, CONNECTOR .....						33859	2
-21	5943040	• WASHER (SM447058B-2).....						33859	4
-22	SE-43	• EYELET .....						33859	2
-23	5944720	• NUT OUT .....						33859	1
-24	NAS620C4L	• WASHER .....						99536	1



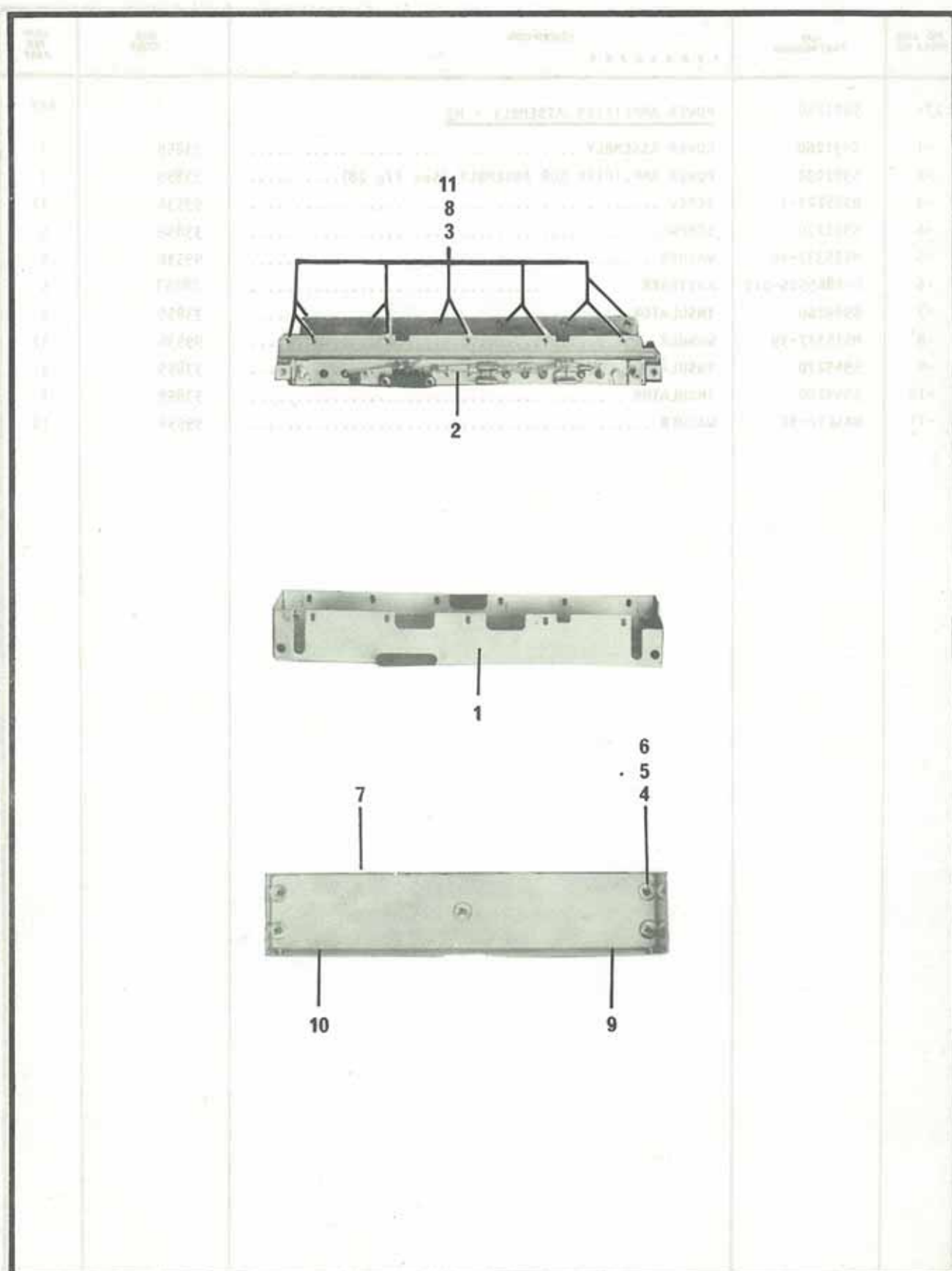


Fig. 27 - POWER AMPLIFIER ASSEMBLY - M9

FIG AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
27-	5991250	<u>POWER AMPLIFIER ASSEMBLY - M9</u>		REF
-1	5991260	COVER ASSEMBLY .....	33859	1
-2	5992030	POWER AMPLIFIER SUB ASSEMBLY (See fig 28).....	33859	1
-3	MS35223-2	SCREW .....	99536	12
-4	5952270	SCREW .....	33859	5
-5	MS35337-40	WASHER .....	99536	5
-6	C-18695SS-012	FASTENER .....	78553	5
-7	5949260	INSULATOR .....	33859	1
-8	MS35337-39	WASHER .....	99536	12
-9	5949270	INSULATOR .....	33859	1
-10	5949280	INSULATOR .....	33859	1
-11	NAS620-32	WASHER .....	99536	12

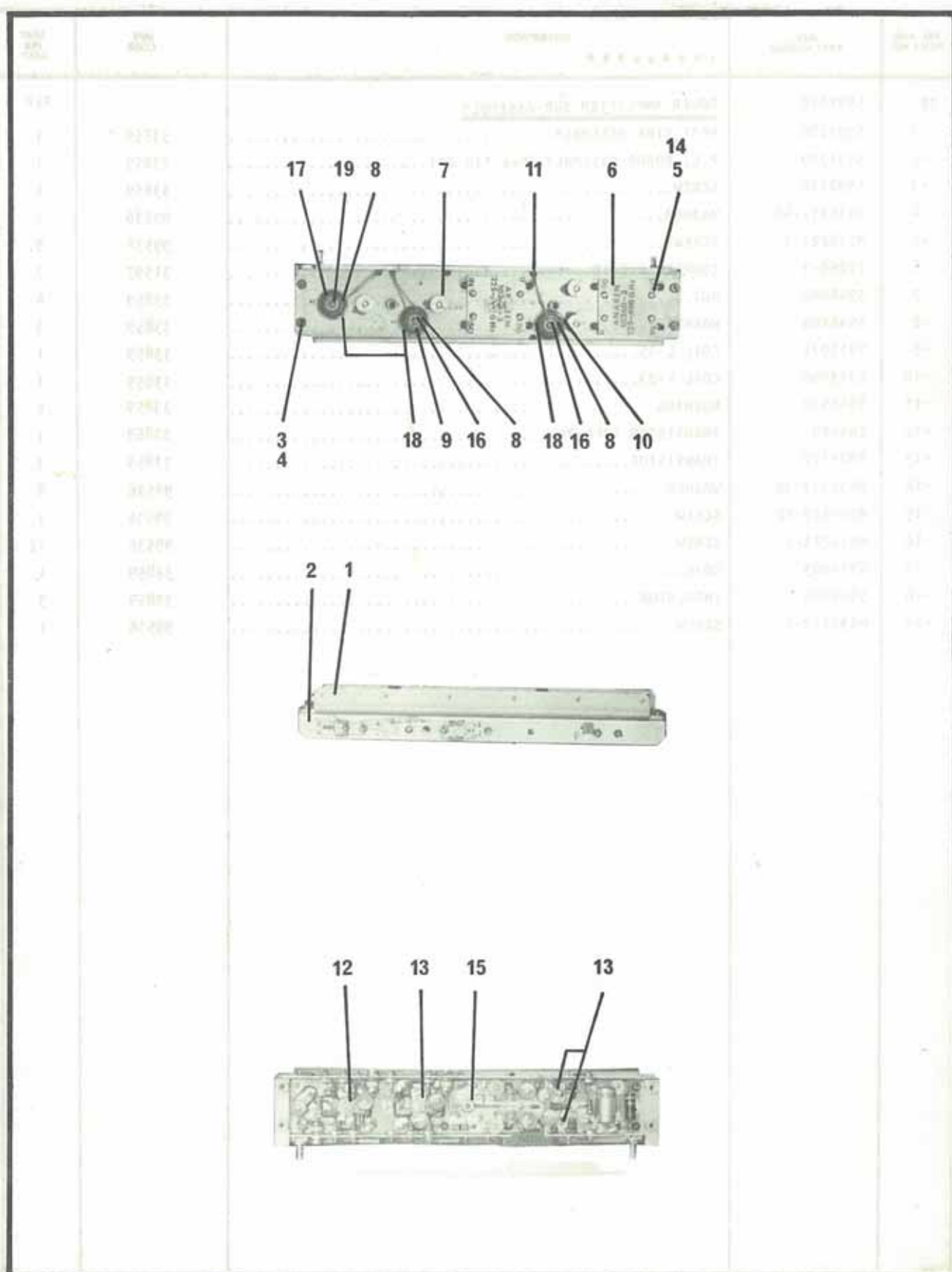


Fig. 28 - POWER AMPLIFIER SUB-ASSEMBLY

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
28-	5992030	<u>POWER AMPLIFIER SUB-ASSEMBLY</u>		REF
-1	5991280	HEAT SINK ASSEMBLY.....	33859	1
-2	5991309	P.C. BOARD ASSEMBLY (See fig 29).....	33859	1
-3	5992210	SCREW.....	33859	4
-4	MS35337-40	WASHER.....	99536	4
-5	MS35223-3	SCREW.....	99536	8
-6	10260-3	COUPLER HYBRID.....	31597	2
-7	5946040	NUT.....	33859	4
-8	5946100	WASHER.....	33859	3
-9	5913071	COIL L-15.....	33859	1
-10	5913090	COIL L-23.....	33859	1
-11	5946930	BUSHING .....	33859	5
-12	2N4429	TRANSISTOR (HFE=75).....	33859	1
-13	5921170	TRANSISTOR.....	33859	3
-14	MS35337-39	WASHER.....	99536	8
-15	MS35239-20	SCREW.....	99536	1
-16	MS35223-5	SCREW.....	99536	12
-17	5913083	COIL.....	33859	1
-18	5949290	INSULATOR.....	33859	3
-19	MS35223-6	SCREW.....	99536	1



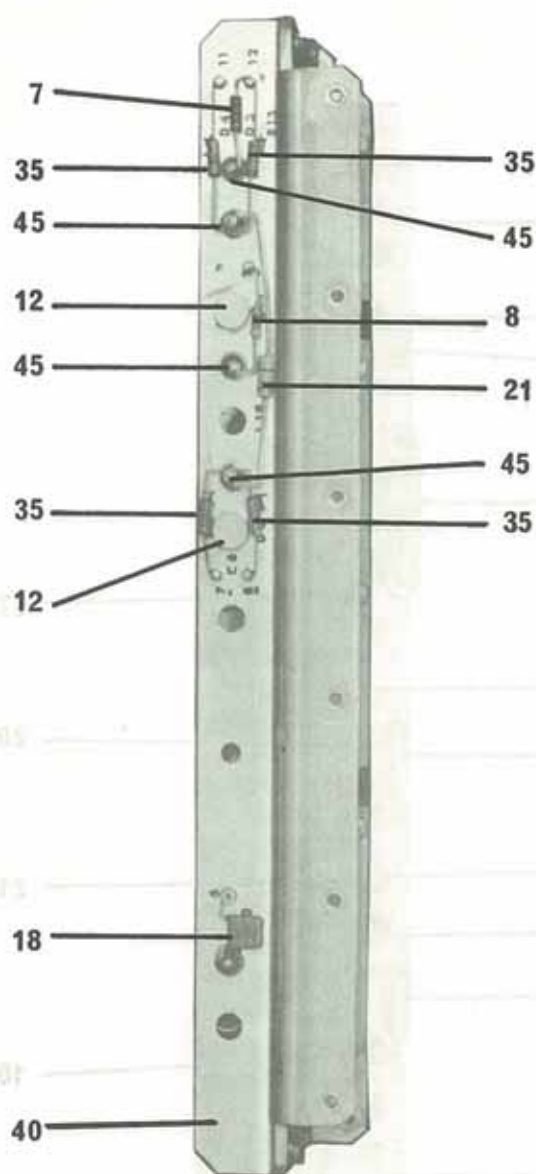
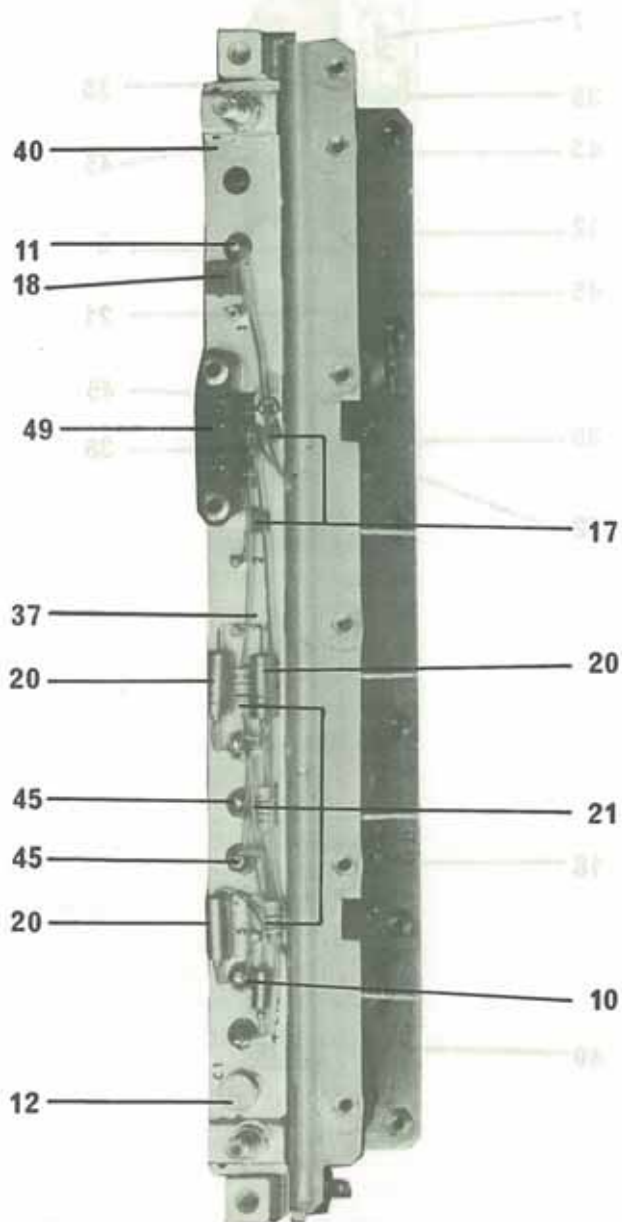


Fig. 29 - P.C. BOARD ASSEMBLY, POWER AMPLIFIER - M9 (1 of 3)



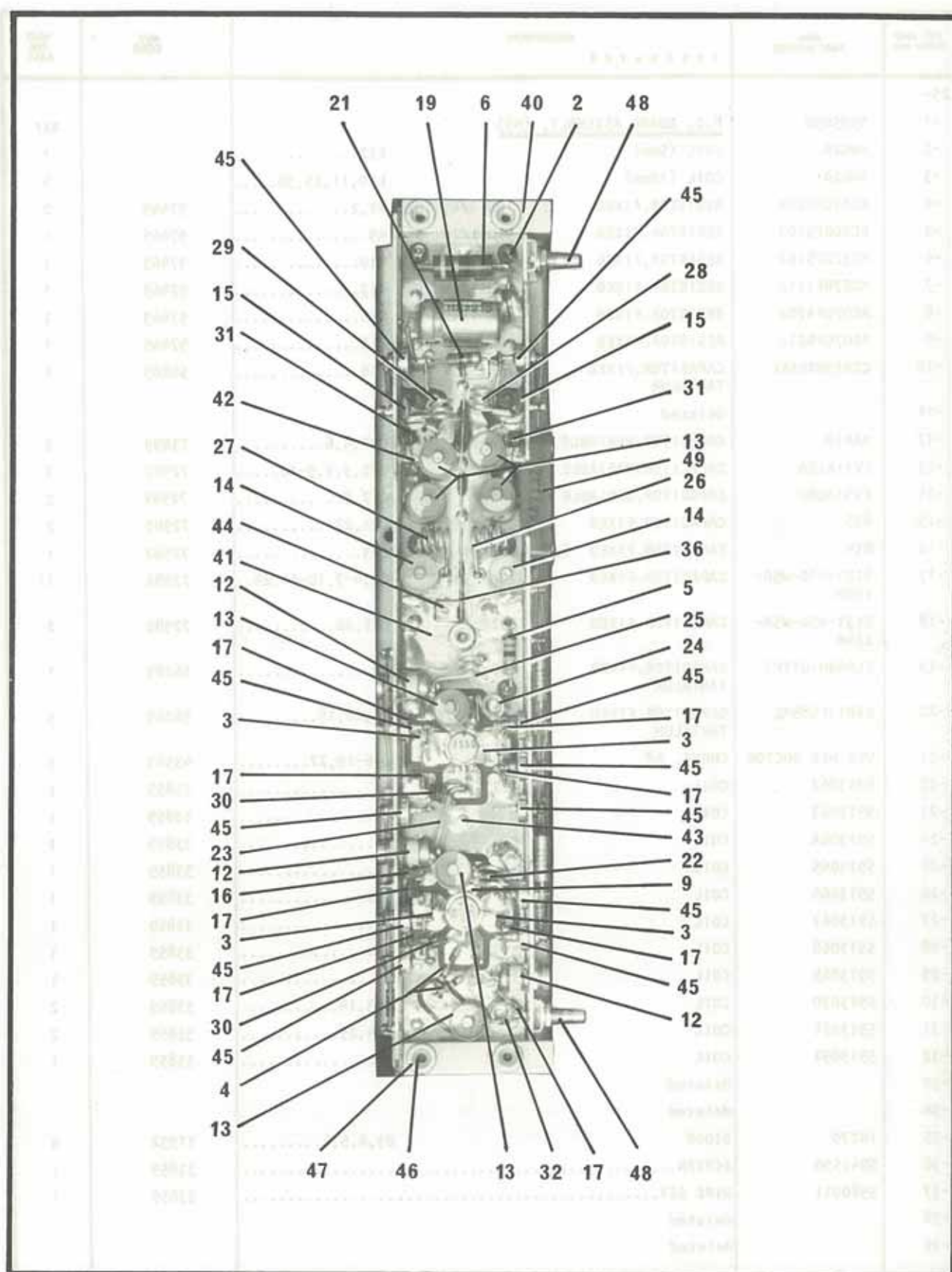


Fig. 29 - P.C. BOARD ASSEMBLY, POWER AMPLIFIER - M9 (3 of 3)

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
29-				
-1	5995090	<u>P.C. BOARD ASSEMBLY, (M9)</u>		REF
-2	AWG24	COIL (5mm) L12.....		1
-3	AWG24	COIL (10mm) L10,11,29,30.....		4
-4	RC07GF100K	RESISTOR, FIXED 10 $\Omega$ 1/4W 10% R1,2.....	97469	2
-5	RC20GF510J	RESISTOR, FIXED 51 $\Omega$ 1/2W 5% R9.....	97469	1
-6	RC32GF510J	RESISTOR, FIXED 51 $\Omega$ 1W 5% R10.....	97469	1
-7	RC07GF111J	RESISTOR, FIXED 110 $\Omega$ 1/4W 5% R13.....	97469	1
-8	RC07GF470J	RESISTOR, FIXED 47 $\Omega$ 1/4W 5% R14.....	97469	1
-9	RC07GF621J	RESISTOR, FIXED 620 $\Omega$ 1/4W 5% R15.....	97469	1
-10	CSR13G105KL	CAPACITOR, FIXED 1 $\mu$ F 35V C16.....	56289	1
-11		deleted		
-12	VAM10	CAPACITOR, VARIABLE 0.8-10PF CV1,4,6.....	73899	3
-13	CV31A180	CAPACITOR, VARIABLE 5.5-18PF CV2,3,5,9-12.....	72982	7
-14	CV31A080	CAPACITOR, VARIABLE 2-8PF CV7,8.....	72982	2
-15	835	CAPACITOR, FIXED 27pF $\pm$ 2% N150 $\pm$ 30 C21,22.....	72982	2
-16	835	CAPACITOR, FIXED 6pF $\pm$ 0.5pF N1500 $\pm$ 250 C23.....	72982	1
-17	8121-050-W5R-103M	CAPACITOR, FIXED 10nF 50V C1,4-7,10-14,24..	72982	11
-18	8131-050-W5R-224M	CAPACITOR, FIXED 0.22 $\mu$ F C17,20.....	72982	2
-19	CL44BH101TP3	CAPACITOR, FIXED 100 $\mu$ F C9.....	56289	1
-20	CSR13F685KL	CAPACITOR, FIXED 6.8 $\mu$ F 35V C8,18,19.....	56289	3
-21	WEE WEE DUCTOR	CHOKE, RF 1.0 $\mu$ F L16-19,27.....	43543	5
-22	5913062	COIL 3.2T L2.....	33859	1
-23	5913063	COIL L3.....	33859	1
-24	5913064	COIL 2T L4.....	33859	1
-25	5913065	COIL 3T L5.....	33859	1
-26	5913066	COIL 4T L6.....	33859	1
-27	5913067	COIL 4T L7.....	33859	1
-28	5913068	COIL 3.5T L8.....	33859	1
-29	5913069	COIL 3.5T L9.....	33859	1
-30	5913070	COIL 3T L13,14.....	33859	2
-31	5913074	COIL L24,25.....	33859	2
-32	5913091	COIL 2.5T L1.....	33859	1
-33		deleted		
-34		deleted		
-35	1N270	DIODE D3,4,5,6.....	11532	4
-36	5941590	SCREEN.....	33859	1
-37	5980011	WIRE SET.....	33859	1
-38		deleted		
-39		deleted		



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
29-				
-40	5991300	SUPPORT ASSEMBLY.....	33859	1
-41	5994090	. P.C. BOARD SUB-ASSEMBLY.....	33859	1
-42	5992260	. SUPPORT P.C. SUB-ASSEMBLY.....	33859	1
-43	5954090	. RIVET.....	33859	16
-44	5954080	. RIVET.....	33859	2
-45	FA5C-1000-PF- GMV	. CAPACITOR FEEDTHRU 1μF CF1-7,9,13-15...	01121	11
-46	5946460	. BUSHING.....	33859	4
-47	5946060	. SUPPORT P.C. BOARD.....	33859	2
-48	51-045-4300	. CONNECTOR ,COAXIAL J1,2.....	98291	2
-49	447132	. CONNECTOR .....	25330	1

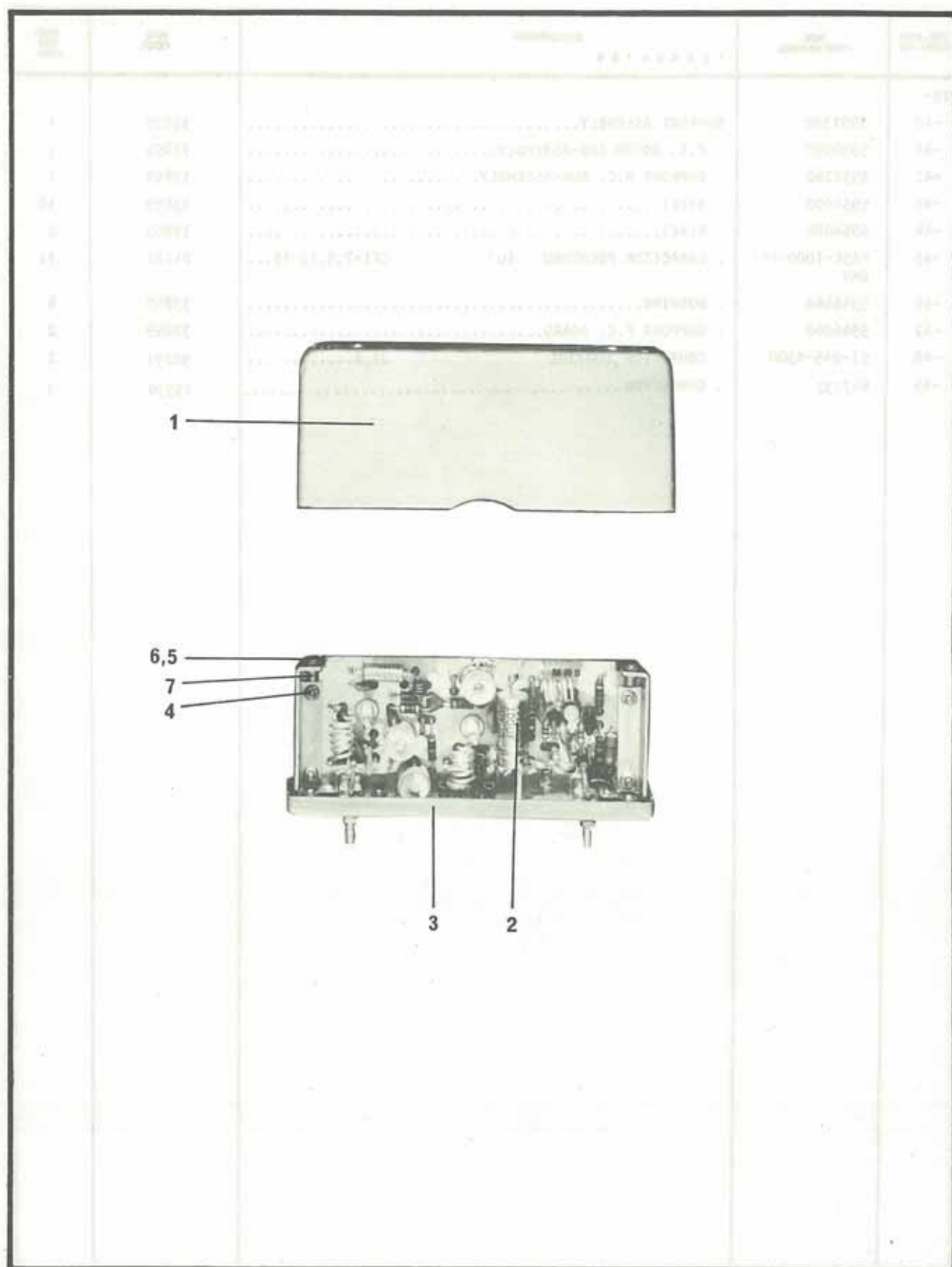


FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
30-	5991320	DRIVER ASSEMBLY (M10)		REF
-1	5991330	COVER ASSEMBLY .....	33859	1
-2	5995100	P.C BOARD ASSEMBLY (See fig 31).....	33859	1
-3	5991340	BASE ASSEMBLY .....	33859	1
-4	MS35223-3	SCREW.....	99536	4
-5	MS35337-40	WASHER.....	99536	2
-6	5952270	SCREW.....	33859	2
-7	C-18695SS-012	FASTENER .....	78553	2

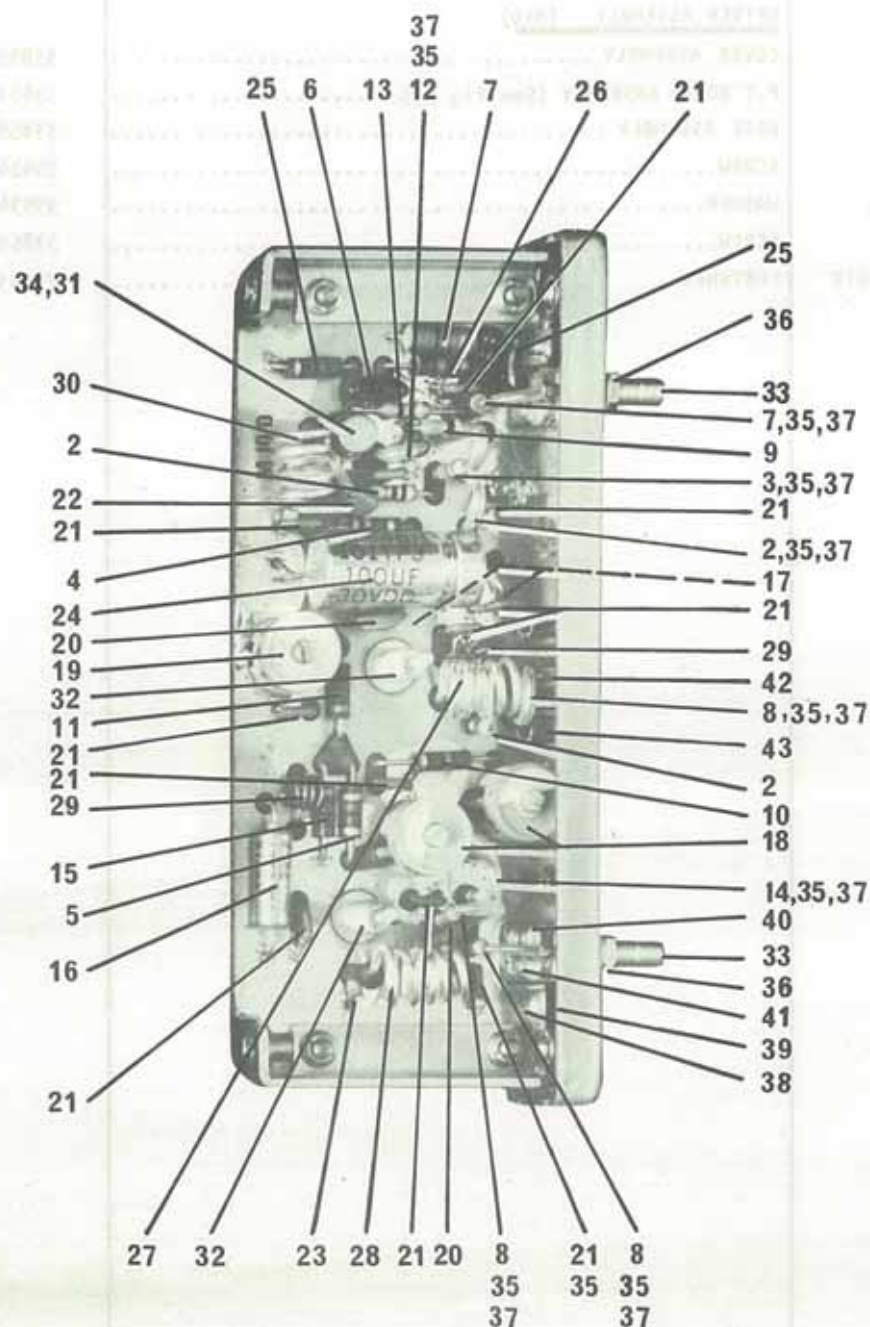




FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION						MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6 7 8 9		
31-		P.C. BOARD ASSEMBLY, DRIVER (M10)							REF
-1	5995100								
-2	RC07GF100K	RESISTOR, FIXED	10 $\Omega$	$\frac{1}{4}$ W	10%	R8,10,14.....		97469	3
-3	RC07GF121K	RESISTOR, FIXED	120 $\Omega$	$\frac{1}{4}$ W	10%	R9.....		97469	1
-4	RC07GF331K	RESISTOR, FIXED	330 $\Omega$	$\frac{1}{4}$ W	10%	R7.....		97469	1
-5	RC07GF471K	RESISTOR, FIXED	470 $\Omega$	$\frac{1}{4}$ W	10%	R15.....		97469	1
-6	RC07GF152K	RESISTOR, FIXED	1.5K $\Omega$	$\frac{1}{4}$ W	10%	R5.....		97469	1
-7	RC07GF270J	RESISTOR, FIXED	27 $\Omega$	$\frac{1}{4}$ W	5%	R1,3.....		97469	2
-8	RC07GF2R7K	RESISTOR, FIXED	2.7 $\Omega$	$\frac{1}{4}$ W	10%	R16,17,18.....		97469	3
-9	RC07GF330J	RESISTOR, FIXED	33 $\Omega$	$\frac{1}{4}$ W	5%	R2.....		97469	1
-10	RC07GF182K	RESISTOR, FIXED	1.8K $\Omega$	$\frac{1}{4}$ W	10%	R11.....		97469	1
-11	RC07GF112J	RESISTOR, FIXED	1.1K $\Omega$	$\frac{1}{4}$ W	5%	R13.....		97469	1
-12	RC07GF361J	RESISTOR, FIXED	360 $\Omega$	$\frac{1}{4}$ W	5%	R6.....		97469	1
-13	RC07GF362J	RESISTOR, FIXED	3.6K $\Omega$	$\frac{1}{4}$ W	5%	R4.....		97469	1
-14	RC07GF431J	RESISTOR, FIXED	430 $\Omega$	$\frac{1}{4}$ W	5%	R19.....		97469	1
-15	RC07GF621J	RESISTOR, FIXED	620 $\Omega$	$\frac{1}{4}$ W	5%	R12.....		97469	1
-16	CSR13E106KL	CAPACITOR, FIXED TANTALUM	10nF	35V		C20.....		56289	1
-17	8000-006-W5R- 102M-100V	CAPACITOR, FIXED CHIP	1nF	100V		C23,24.....		72982	2
-18	CV31A180	CAPACITOR, VARIABLE	5.5-18PF			C5,6.....		72982	2
-19	CV31A080	CAPACITOR, VARIABLE	2-8PF			C4.....		72982	1
-20	835	CAPACITOR, FIXED	33PF $\pm$ 2%	N150 $\pm$ 30		C3,7.....		72982	2
-21	8121-050-W5R- 103M	CAPACITOR, FIXED	10nF	50V		C8-12,14-18,21		72982	11
-22	8121-100-COG- 101J	CAPACITOR, FIXED	100PF	100V		C2.....		72982	1
-23	8101-100-COG- 229K	CAPACITOR, FIXED	2.2PF	100V		C22.....		72982	1
-24	CL44BH101TP3	CAPACITOR, FIXED TANTALUM	100 $\mu$ F			C19.....		56289	1
-25	VDM-101CR	CAPACITOR, FIXED	12PF	100V		C1,25.....		72136	2
-26	WEE WEE DUCTOR	CHOKE, RF	0.1 $\mu$ H			L6.....		43543	1
-27	5913072	COIL	5T			L2.....		33859	1
-28	5913073	COIL	5T			L3.....		33859	1
-29	5913074	COIL	4T			L4,5.....		33859	2
-30	5913079	COIL	5T			L1.....		33859	1
-31	5921101	TRANSISTOR				Q1.....		33859	1
-32	5921129	TRANSISTOR (2N4429 Hfe=75)				Q2,3.....		33859	1
-33	51-045-4300	CONNECTOR SUBMINIATURE				J1,2.....		98291	2
-34	T018-3L	INSULATOR-SPACER (SM447724B).....						K1935	1
-35	5933052	SPACER.....						33859	8
-36	5946210	WASHER.....						33859	2
-37	5980012	WIRE SET.....						33859	1

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
31-				
-38	5994100	P.C. BOARD SUB-ASSEMBLY.....	33859	1
-39	5932070	. P.C. BOARD .....	33859	1
-40	5954010	. RIVET (SM447956B).....	33859	6
-41	5941190	. BRACKET .....	33859	2
-42	02-001-332-5-100	. PIN, CONNECTOR.....	91662	3
-43	62-5204-40-12	. SOCKET, GUIDE.....	91662	2
1	5994100	.....		
2	5994100	.....		
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62	5994100	.....		
63	5994100	.....		
64	5994100	.....		
65	5994100	.....		
66	5994100	.....		
67	5994100	.....		
68	5994100	.....		
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70	5994100	.....		
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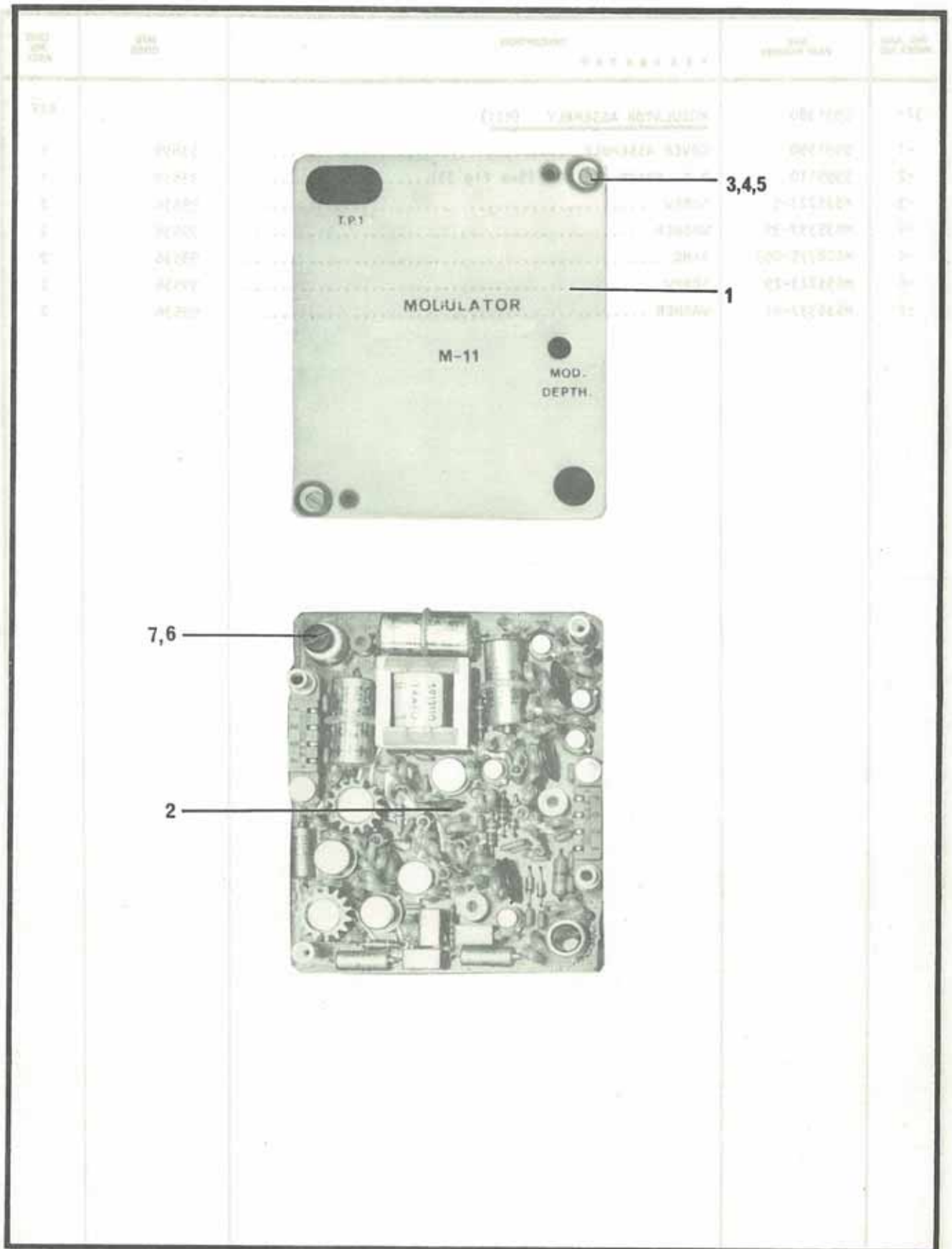


Fig. 32 - MODULATOR ASSEMBLY - M11

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION  1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
32-	5991380	<u>MODULATOR ASSEMBLY (M11)</u>		REF
-1	5991390	COVER ASSEMBLY .....	33859	1
-2	5995110	P.C. BOARD ASSEMBLY (See fig 33).....	33859	1
-3	MS35223-5	SCREW .....	99536	2
-4	MS35337-39	WASHER .....	99536	2
-5	MS28775-003	RING .....	99536	2
-6	MS35223-29	SCREW .....	99536	2
-7	MS35337-41	WASHER .....	99536	2



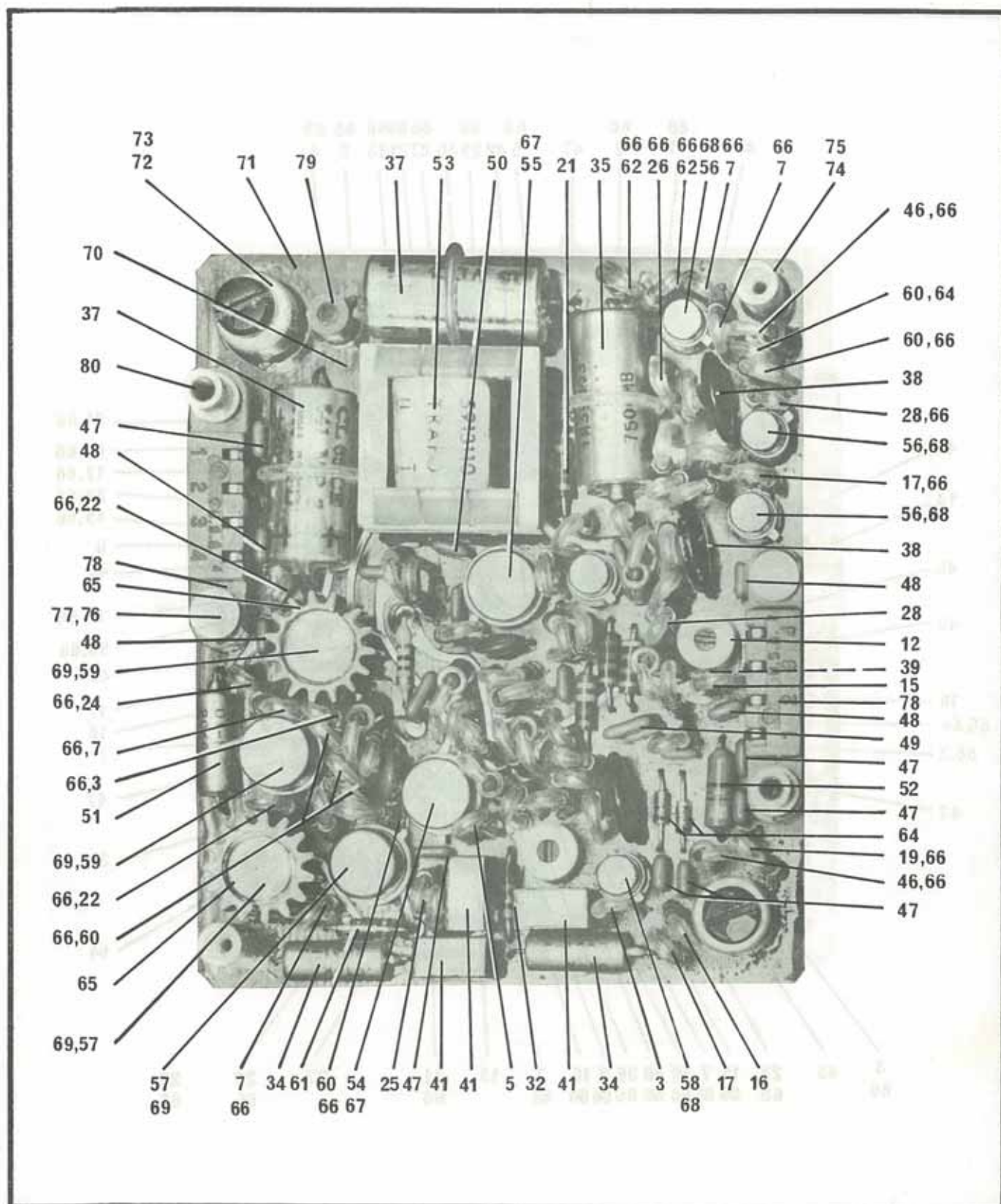


Fig. 33 - P.C. BOARD ASSEMBLY, MODULATOR - M11 (1 of 2)





FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION						MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6		
33-		P.C. BOARD ASSEMBLY, MODULATOR (M11)							REF
-1	5995110								
-2	RC07GF560K	RESISTOR, FIXED	56 $\Omega$	$\pm$ W	10%	R17,50	.....	97469	2
-3	RC07GF101K	RESISTOR, FIXED	100 $\Omega$	$\pm$ W	10%	R53,55	.....	97469	2
-4	RC07GF331K	RESISTOR, FIXED	330 $\Omega$	$\pm$ W	10%	R27	.....	97469	1
-5	RC07GF152K	RESISTOR, FIXED	1.5K $\Omega$	$\pm$ W	10%	R16,47	.....	97469	2
-6	RC07GF272K	RESISTOR, FIXED	2.7 $\Omega$	$\pm$ W	10%	R2	.....	97469	1
-7	RC07GF103K	RESISTOR, FIXED	10K $\Omega$	$\pm$ W	10%	R3,9,19,24,25, 34,45,51,54..		97469	9
-8	RC07GF153K	RESISTOR, FIXED	15K $\Omega$	$\pm$ W	10%	R33	.....	97469	1
-9	RC07GF224K	RESISTOR, FIXED	220K $\Omega$	$\pm$ W	10%	R20	.....	97469	1
-10	RC07GF682K	RESISTOR, FIXED	6.8K $\Omega$	$\pm$ W	10%	R10	.....	97469	1
-11	RC07GF824K	RESISTOR, FIXED	820K $\Omega$	$\pm$ W	10%	R49	.....	97469	1
-12	3301P-1-104	RESISTOR, VARIABLE	100K $\Omega$	$\pm$ W	10%	R18	.....	32997	1
-13	3300P-1-203	RESISTOR, VARIABLE	20K $\Omega$	$\pm$ W	10%	R39	.....	32997	1
-14	RC07GF105J	RESISTOR, FIXED	1M	$\pm$ W	5%	R15,48	.....	97469	2
-15	RC07GF104J	RESISTOR, FIXED	100K $\Omega$	$\pm$ W	5%	R43,44	.....	97469	2
-16	RC07GF332J	RESISTOR, FIXED	3.3K $\Omega$	$\pm$ W	5%	R11,35	.....	97469	2
-17	RC07GF472J	RESISTOR, FIXED	4.7K $\Omega$	$\pm$ W	5%	R5,30,37	....	97469	3
-18	RC07GF562J	RESISTOR, FIXED	5.6K $\Omega$	$\pm$ W	5%	R6	.....	97469	1
-19	RC07GF181K	RESISTOR, FIXED	180 $\Omega$	$\pm$ W	10%	R1	.....	97469	1
-20	RC07GF223J	RESISTOR, FIXED	22K $\Omega$	$\pm$ W	5%	R36	.....	97469	1
-21	RC07GF822J	RESISTOR, FIXED	8.2K $\Omega$	$\pm$ W	5%	R12,22,28,31.		97469	4
-22	232210132108	RESISTOR, FIXED	1 $\Omega$	$\pm$ W	10%	R56,57	.....	H1418	2
-23	RC07GF474J	RESISTOR, FIXED	470K $\Omega$	$\pm$ W	5%	R46	.....	97469	1
-24	RC07GF820K	RESISTOR, FIXED	82 $\Omega$	$\pm$ W	10%	R52	.....	97469	1
-25	RC07GF102J	RESISTOR, FIXED	1K $\Omega$	$\pm$ W	5%	R32	.....	97469	1
-26	RC07GF112J	RESISTOR, FIXED	1.1K $\Omega$	$\pm$ W	5%	R26,29	.....	97469	2
-27	RC07GF152J	RESISTOR, FIXED	1.5K $\Omega$	$\pm$ W	5%	R13,38	.....	97469	2
-28	RC07GF222J	RESISTOR, FIXED	2.2K $\Omega$	$\pm$ W	5%	R4,8,23	.....	97469	3
-29	RC07GF333J	RESISTOR, FIXED	33K $\Omega$	$\pm$ W	5%	R14	.....	97469	1
-30	RC07GF392J	RESISTOR, FIXED	39K $\Omega$	$\pm$ W	5%	R42	.....	97469	1
-31	RC07GF914J	RESISTOR, FIXED	910K $\Omega$	$\pm$ W	5%	R7	.....	97469	1
-32	RC07GF272J	RESISTOR, FIXED	2.7K $\Omega$	$\pm$ W	5%	R40	.....	97469	1
-33	RC07GF563K	RESISTOR, FIXED	56K $\Omega$	$\pm$ W	5%	R21	.....	97469	1
-34	CSR13D226KL	CAPACITOR, FIXED TANTALUM	22 $\mu$ F	35V		C26,28	.....	56289	2
-35	CSR13B337KL	CAPACITOR, FIXED TANTALUM	330 $\mu$ F	35V		C24	.....	56289	1
-36	CSR13G105KL	CAPACITOR, FIXED TANTALUM	1 $\mu$ F	35V		C27	.....	56289	1
-37	CL65CE541MP3-T3	CAPACITOR, FIXED TANTALUM	540 $\mu$ F	35V		C40,41	.....	56289	2

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
33-				
-38	TRANSCAP5518	CAPACITOR, FIXED 0.1 $\mu$ F 25V C12,21,22 ...	72982	3
-39	8000-006-W5R-470M-100V	CAPACITOR, FIXED CHIP 47pF 100V C33 .....	72982	1
-40	8000-006-W5R-102M-100V	CAPACITOR, FIXED CHIP 1nF 100V C16 .....	72982	1
-41	MR350	CAPACITOR, FIXED 10nF 100V +1% C29,30,31 ...	73899	3
-42	835	CAPACITOR, FIXED 33pF $\pm 2\%$ N150 $\pm 30$ C18 .....	72982	1
-43	835	CAPACITOR, FIXED 6pF $\pm 0.5$ pF N1500 $\pm 250$ C33 .....	72982	1
-44	CSR13E225KL	CAPACITOR, FIXED TANTALUM 2.2 $\mu$ F 35V C37 .....	56289	1
-45	CSR13C395KL	CAPACITOR, FIXED TANTALUM 3.9 $\mu$ F 35V C10,11,32 ...	56289	3
-46	CSR13G474KL	CAPACITOR, FIXED TANTALUM 0.47 $\mu$ F 35V C7,14,23,34..	56289	4
-47	8121-050-W5R-102K	CAPACITOR, FIXED 1nF 50V C3-6,9,17,35,42	72982	8
-48	8121-050-W5R-103M	CAPACITOR, FIXED 10nF 50V C1,2,13,15,20,25,39,43..	72982	8
-49	8131-050-W5R-224M	CAPACITOR, FIXED 0.22 $\mu$ F 50V C8,38 .....	72982	2
-50	8121-100-COG-151J	CAPACITOR, FIXED 150pF 100V C19 .....	72982	1
-51	CSR13F685KL	CAPACITOR, FIXED TANTALUM 6.8 $\mu$ F 35V C44 .....	56289	1
-52	WEE WEE DUCTOR	CHOKER, RF 1 $\mu$ H L1 .....	43543	1
-53	5913110	TRANSFORMER T1 .....	33859	1
-54	MT709A	INTEGRATED CIRCUIT I.C.2 .....	33859	1
-55	5921092	INTEGRATED CIRCUIT I.C.1 .....	33859	1
-56	JAN2N2222	TRANSISTOR Q2,3,4,5 ....	33859	4
-57	JAN2N2905	TRANSISTOR Q7,9 .....	33859	2
-58	JAN2N2484	TRANSISTOR Q1 .....	33859	1
-59	JAN2N2219A	TRANSISTOR Q6,8 .....	33859	2
-60	IN914 SMALL	DIODE D3,4,9,10,11,12 .....	01295	6
-61	IN4106	DIODE ZENER D6 .....	04713	1
-62	IN270	DIODE D7,8 .....	11532	2
-63	IN968B	DIODE ZENER D5 .....	11532	1
-64	IN4148	DIODE D1,2 .....	08849	2
-65	5933050	HEAT SINK .....	33859	2
-66	5933052	SPACER .....	33859	67
-67	7717-8N	SPACER .....	13103	2
-68	T018-3L	INSULATOR-SPACER (SM447724B).....	K1935	5
-69	T05-3L	INSULATOR-SPACER (SM447253B).....	K1935	4
-70	5994110	P.C. BOARD SUB-ASSEMBLY.....	33859	1



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
33-				
-71	5932080	. P.C. BOARD .....	33859	1
-72	5946030	. BUSHING .....	33859	2
-73	5943080	. WASHER (SM447058B-1).....	33859	2
-74	5946020	. SPACER .....	33859	2
-75	5943040	. WASHER (SM447058B-2).....	33859	2
-76	5954020	. RIVET (SM447202B).....	33859	2
-77	5943060	. WASHER (SM447058B-3).....	33859	4
-78	447132	. RECEPTACLE (SM447132C).....	25330	2
-79	K051062B	. JACK TIP (SM447671B-3) .....	98291	1
-80	5944950	. SUPPORT .....	33859	2

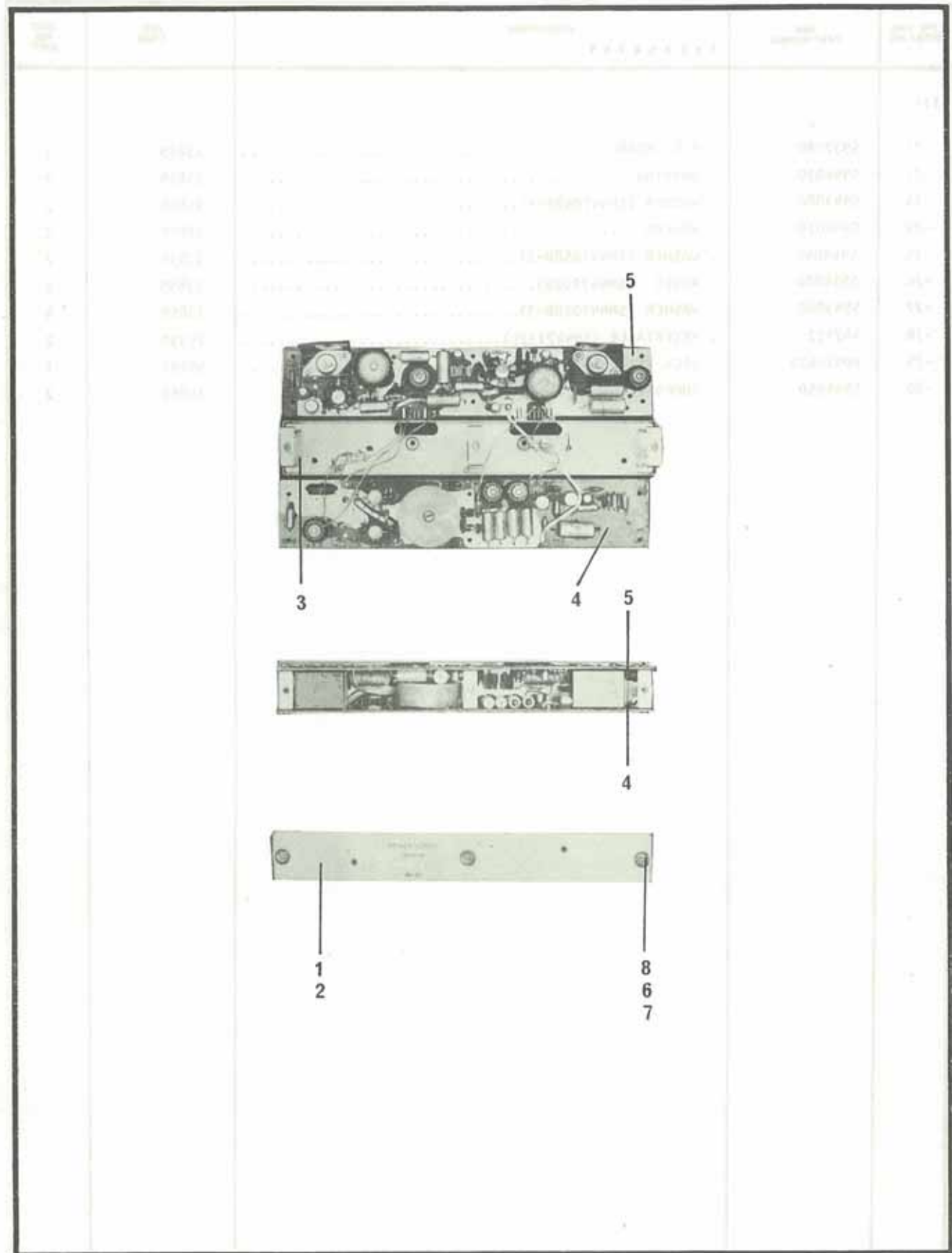


Fig. 34 - POWER SUPPLY ASSEMBLY - M12

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
34-	5991410	<u>POWER SUPPLY ASSEMBLY - M12</u>		REF
-1	5991420	COVER ASSEMBLY.....	33859	1
-2	5949090	INSULATOR.....	33859	2
-3	5992110	POWER SUPPLY SUB-ASSEMBLY.....	33859	1
-4	5995160	. P.C. BOARD ASSEMBLY POWER SUPPLY (M12-2) (see fig. 36).....	33859	1
-5	5995120	. P.C. BOARD ASSEMBLY POWER SUPPLY (M12-1) (see fig. 35).....	33859	1
-6	MS35337-40	WASHER.....	99536	3
-7	5952270	SCREW.....	33859	3
-8	C-186955S-012	FASTENER (S413533B).....	78553	3

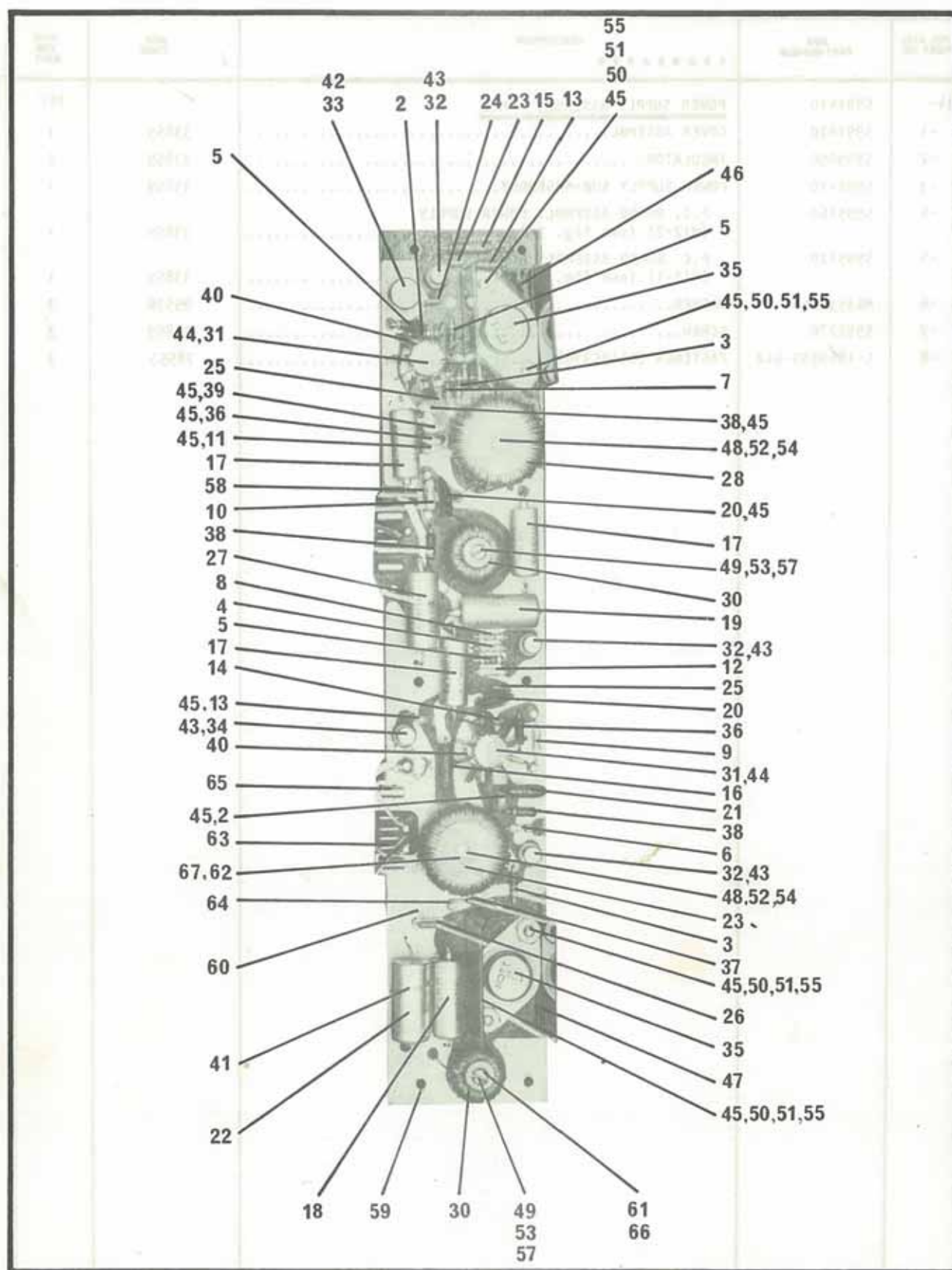


Fig. 35 - P.C. BOARD ASSEMBLY, POWER SUPPLY (M12-1)



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION						MFR CODE	UNIT PER ASSY			
		1	2	3	4	5	6	7	8	9		
35-		P.C. BOARD ASSEMBLY. POWER SUPPLY (M12-1) .....										REF
-1	5995120	P.C. BOARD ASSEMBLY. POWER SUPPLY (M12-1) .....										
-2	RC07GF100K	RESISTOR, FIXED	10Ω	½W	10%	R5,13.....					97469	2
-3	RC07GF680K	RESISTOR, FIXED	68Ω	½W	10%	R3,13.....					97469	2
-4	RC07GF821K	RESISTOR, FIXED	820Ω	½W	10%	R15.....					97469	1
-5	RC07GF472K	RESISTOR, FIXED	4.7KΩ	½W	10%	R4,6,16.....					97469	3
-6	RC07GF103K	RESISTOR, FIXED	10KΩ	½W	10%	R12.....					97469	1
-7	RC07GF106K	RESISTOR, FIXED	1M	½W	10%	R7.....					19701	1
-8	RC07GF682K	RESISTOR, FIXED	6.8KΩ	½W	10%	R17.....					97469	1
-9	MF4C-E-3481-F	RESISTOR, FIXED	3.48KΩ	1/8W	1%	R21.....					19701	1
-10	MF4C-E-4501-F	RESISTOR, FIXED	4.5KΩ	1/8W	1%	R8.....					19701	1
-11	MF4C-E-2001-F	RESISTOR, FIXED	2KΩ	1/8W	1%	R10.....					19701	1
-12	MF4C-E-7151-F	RESISTOR, FIXED	7.15KΩ	1/8W	1%	R20.....					19701	1
-13	RC07GF221J	RESISTOR, FIXED	220Ω	½W	5%	R2,18.....					97469	2
-14	RC07GF185K	RESISTOR, FIXED	1.8MΩ	½W	10%	R14.....					97469	1
-15	WW 0.25 OHM/1W RS-1A 5PCT	RESISTOR, FIXED	0.25Ω	1W	5%	R1.....					91637	1
-16	WW 0.39 OHM/1W RS-1A 5PCT	RESISTOR, FIXED	0.39Ω	1W	5%	R19.....					91637	1
-17	CSR13G186KL	CAPACITOR, FIXED TANTALUM	18μF	35V		C1,2,9.....					56289	3
-18	5912007	CAPACITOR, FIXED TANTALUM	100μF			C12.....					33859	1
-19	CSR13F476KL	CAPACITOR, FIXED TANTALUM	47μF	35V		C8.....					56289	1
-20	TRANSCAP5518	CAPACITOR, FIXED	0.1μF	25V		C6,11.....					72982	2
-21	DM15	CAPACITOR, FIXED	62PF			C25.....					72982	1
-22	CL65CC851MP3-T3	CAPACITOR, FIXED TANTALUM	850μF			C13.....					56289	1
-23	8121-050-W5R- 102K	CAPACITOR, FIXED	1nF	50V		C3.....					72982	1
-24	8121-050-W5R- 103M	CAPACITOR, FIXED	0.01μF	50V		C4.....					72982	1
-25	8121-100-COG- 101J	CAPACITOR, FIXED	100PF	100V		C5,10.....					72982	2
-26	8151-100-W5R- 474K	CAPACITOR, FIXED	0.47μF	100V		C24.....					72982	1
-27	5912318	CAPACITOR, FIXED TANTALUM	47μF			C7.....					33859	1
-28	5913082	COIL	490μH			L1.....					33859	1
-29	5913084	COIL	800μH			L4.....					33859	1
-30	5913085	COIL	400μH			L2,5.....					33859	2
-31	MT-100	INTEGRATED CIRCUIT				IC1,2.....					33859	2
-32	JAN2N2907	TRANSISTOR				Q3,4,6.....					33859	3
-33	JAN2N2905	TRANSISTOR				Q1.....					33859	1
-34	JAN2N2222A	TRANSISTOR				Q7.....					33859	1
-35	JAN2N3879	TRANSISTOR				Q2,5.....					12969	2

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
35-				
-36	1N754A	DIODE ZENER D4,7.....	11532	2
-37	UTX210	DIODE D5.....	12969	1
-38	1N965B	DIODE ZENER D2,3,6.....	11532	3
-39	S2F	DIODE D1.....	14099	1
-40	NF207	HEAT SINK.....	05820	2
-41	AWG22	WIRE TINNED.....	05820	
-42	T05-3L	INSULATOR-SPACER (SM447253B).....	K1935	1
-43	T018-3L	INSULATOR-SPACER (SM447724B).....	K1935	4
-44	7717-8N	SPACER.....	13103	2
-45	5933052	SPACER (SM447252B).....	33859	13
-46	5941250	HEAT SINK RIGHT.....	33859	1
-47	5941260	HEAT SINK LEFT.....	33859	1
-48	5944670	BUSHING TRAFO.....	33859	2
-49	5946100	BUSHING.....	33859	2
-50	MS35649-42	NUT.....	99536	4
-51	MS35223-14	SCREW.....	99536	4
-52	MS35223-3	SCREW.....	99536	2
-53	MS35223-2	SCREW.....	99536	2
-54	MS35337-39	WASHER.....	99536	5
-55	MS35337-40	WASHER.....	99536	4
-56	465001C-913	CABLE RG196A/U.....	98291	1
-57	5980014	WIRE SET.....	33859	1
-58		deleted		
-59	5994120	P.C. BOARD SUB ASSEMBLY.....	33859	1
-60	5932320	. P.C. BOARD.....	33859	1
-61	5946160	. NUT.....	33859	2
-62	5946680	. NUT.....	33859	2
-63	02-001-332-5-100	. CONNECTOR.....	91662	8
-64	5947050	. POINT SOLDER (SM447366B-1).....	33859	2
-65	62-5204-40-12	. SOCKET, GUIDE.....	91662	4
-66	5953120	. WASHER.....	33859	2
-67	5943040	. WASHER (SM447058B-2).....	33859	2

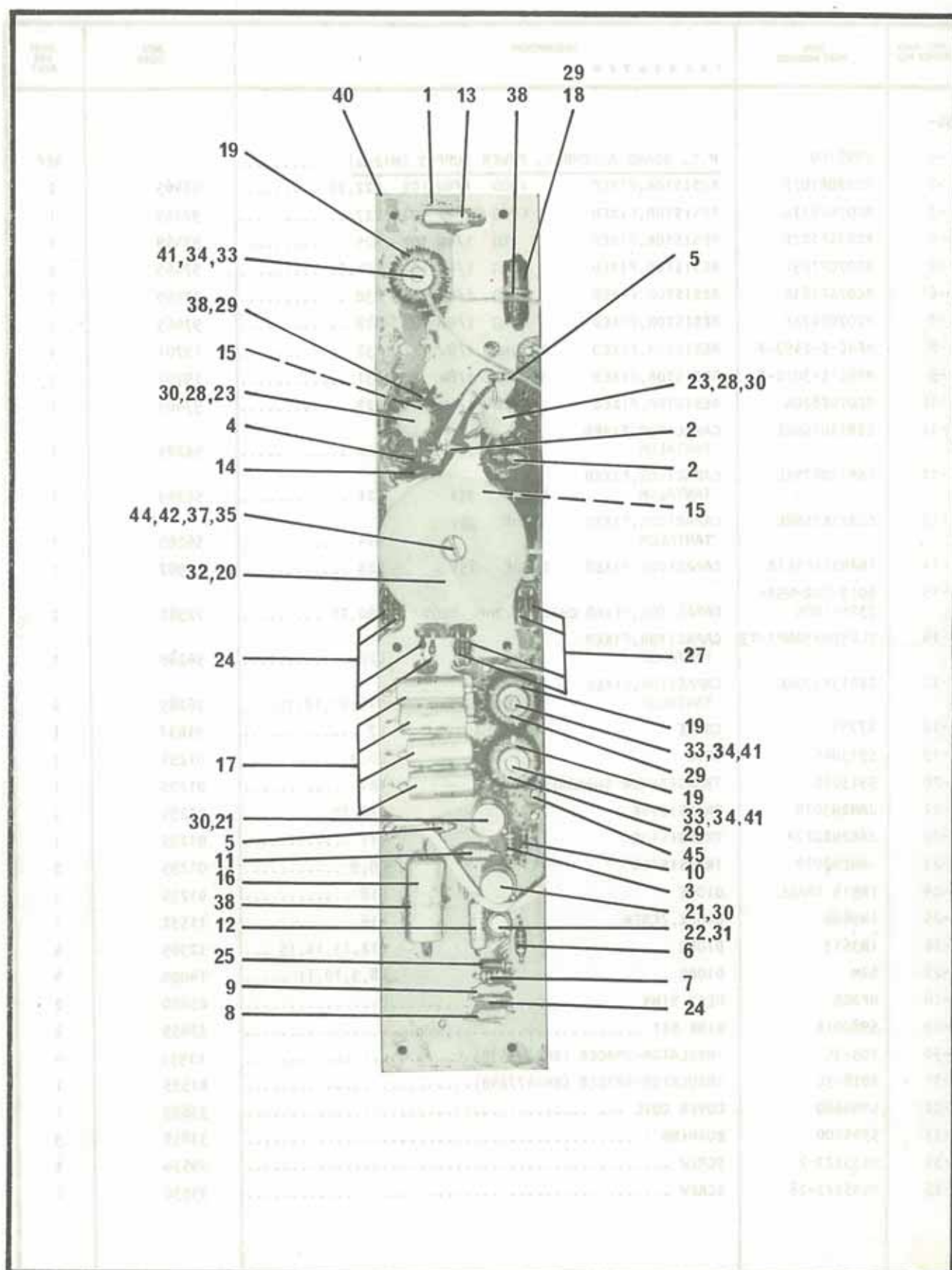


Fig. 36 - P.C. BOARD ASSEMBLY, POWER SUPPLY - (M12-2)



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
36-				
-1	5995160	P.C. BOARD ASSEMBLY, POWER SUPPLY (M12-2) .....		REF
-2	RC07GF101K	RESISTOR, FIXED 100Ω 1/4W 10% R22,23 .....	97469	2
-3	RC07GF471K	RESISTOR, FIXED 170Ω 1/4W 10% R27 .....	97469	1
-4	RC07GF102K	RESISTOR, FIXED 1KΩ 1/4W 10% R25 .....	97469	1
-5	RC07GF103K	RESISTOR, FIXED 10KΩ 1/4W 10% R24,26 .....	97469	2
-6	RC07GF183K	RESISTOR, FIXED 18KΩ 1/4W 10% R30 .....	97469	1
-7	RC07GF473K	RESISTOR, FIXED 47KΩ 1/4W 10% R28 .....	97469	1
-8	MF4C-E-2492-F	RESISTOR, FIXED 24.9KΩ 1/8W 1% R32 .....	19701	1
-9	MF4C-E-3012-F	RESISTOR, FIXED 30.1KΩ 1/8W 1% R31 .....	19701	1
-10	RC07GF820K	RESISTOR, FIXED 82Ω 1/4W 10% R29 .....	97469	1
-11	CSR13G105KL	CAPACITOR, FIXED TANTALUM 1μF 35V C22 .....	56289	1
-12	CSR13G475KL	CAPACITOR, FIXED TANTALUM 4.7μF 35V C21 .....	56289	1
-13	CSR13E156KL	CAPACITOR, FIXED TANTALUM 15μF 35V C14 .....	56289	1
-14	TRANSCAP5518	CAPACITOR, FIXED 0.1μF 25V C23 .....	72982	1
-15	8013-202-W5R- 332M-100V	CAPACITOR, FIXED CHIP 3.3nF 100V C30,31 .....	72982	2
-16	CL65CN430MP3-T3	CAPACITOR, FIXED TANTALUM 43μF C20 .....	56289	1
-17	CSR13E476KL	CAPACITOR, FIXED TANTALUM 47μF 35V C16,17,18,19....	56289	4
-18	27792	CHOKE 80μH L7 .....	91637	1
-19	5913085	COIL L8,9.....	01295	3
-20	5913088	TRANSFORMER SUBASSEMBLY TR1 .....	01295	1
-21	JAN2N3019	TRANSISTOR Q10,12 .....	01295	2
-22	JAN2N2222A	TRANSISTOR Q11 .....	01295	1
-23	JAN2N3019	TRANSISTOR Q8,9 .....	01295	2
-24	1N914 SMALL	DIODE D18 .....	01295	1
-25	1N968B	DIODE, ZENER D16 .....	11532	1
-26	1N3613	DIODE D12,13,14,15 ...	12969	4
-27	S2M	DIODE D8,9,10,11 .....	14099	4
-28	NF205	HEAT SINK .....	05820	2
-29	5980015	WIRE SET .....	33859	2
-30	T05-3L	INSULATOR-SPACER (SM447253B) .....	K1935	4
-31	T018-3L	INSULATOR-SPACER (SM447724B) .....	K1935	1
-32	5944680	COVER COIL .....	33859	1
-33	5946100	BUSHING .....	33859	3
-34	MS35223-2	SCREW .....	99536	3
-35	MS35223-28	SCREW .....	99536	1



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
36-				
-36	MS35337-39	WASHER .....	99536	2
-37	MS35337-41	WASHER .....	99536	1
-38	AWG22	WIRE TINNED .....		1
-39	5984180	P.C. BOARD SUB-ASSEMBLY.....	33859	1
-40	5932360	. P.C. BOARD .....	33859	1
-41	5946160	. NUT .....	33859	3
-42	5953110	. WASHER .....	33859	1
-43	5953120	. WASHER .....	33859	3
-44	5946600	. NUT .....	33859	1
-45	5947050	. TERMINAL (SM447366B-1).....	33859	6

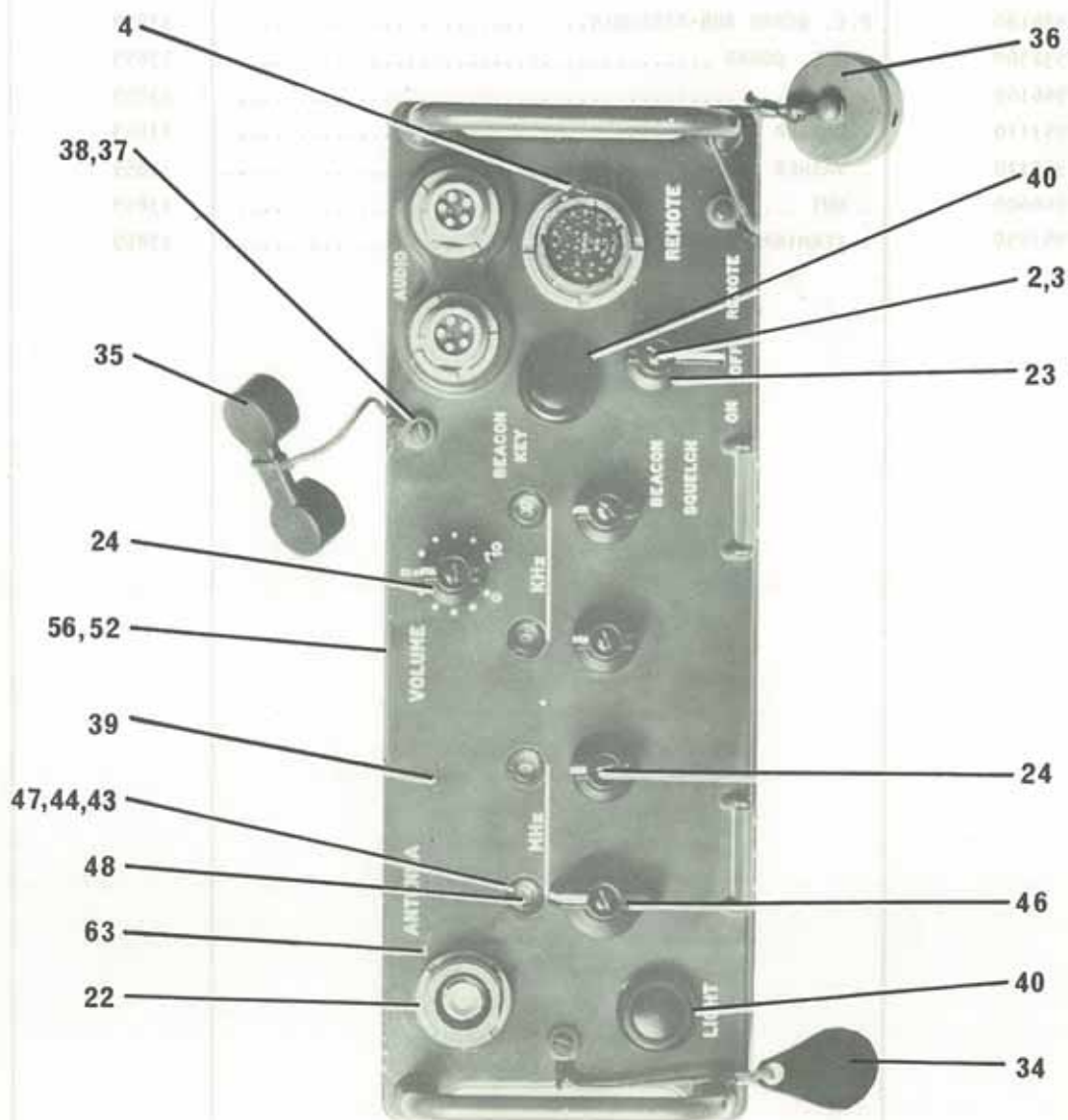


Fig. 37 - PANEL ASSEMBLY - M13 (1 of 3)

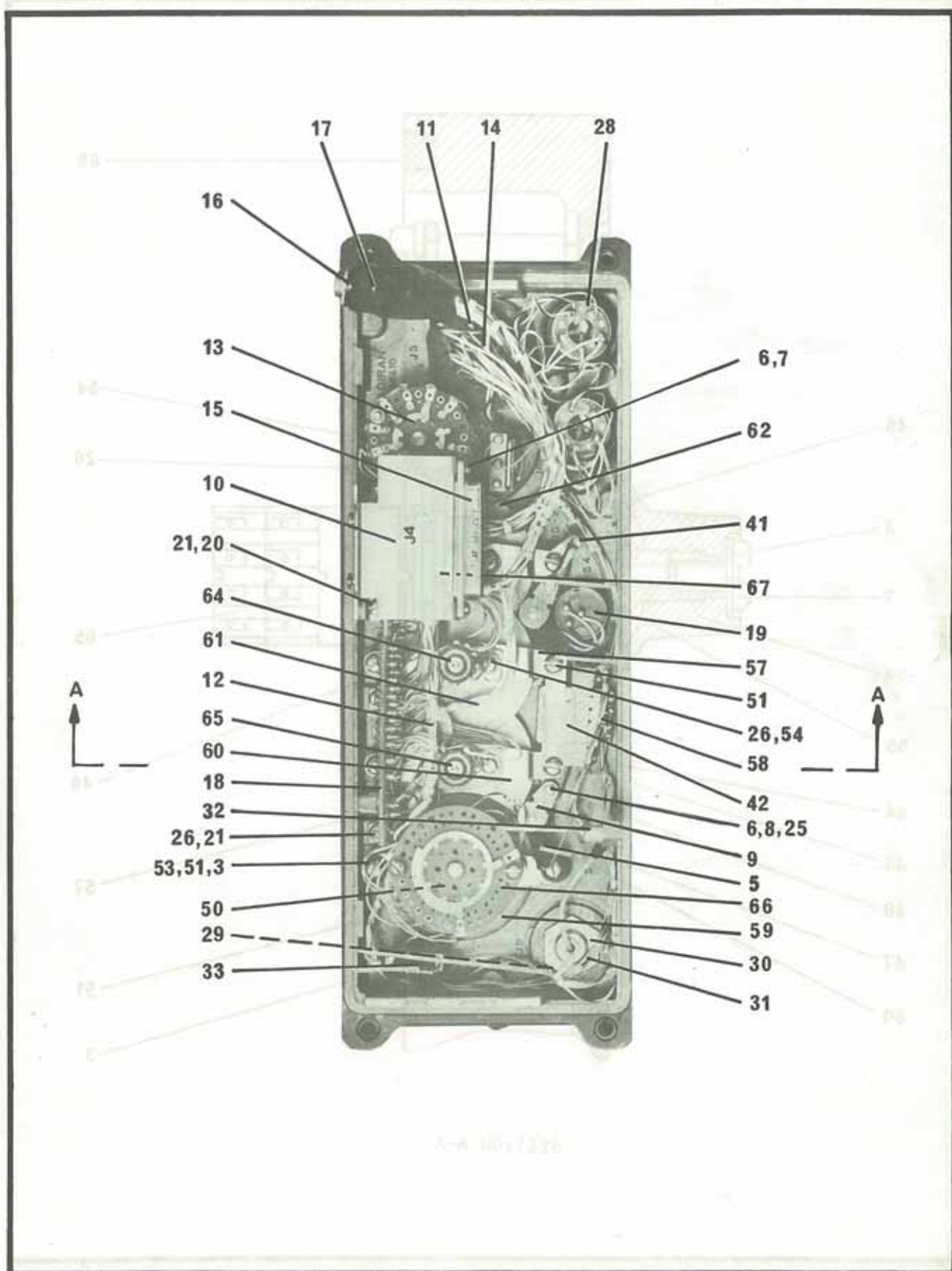
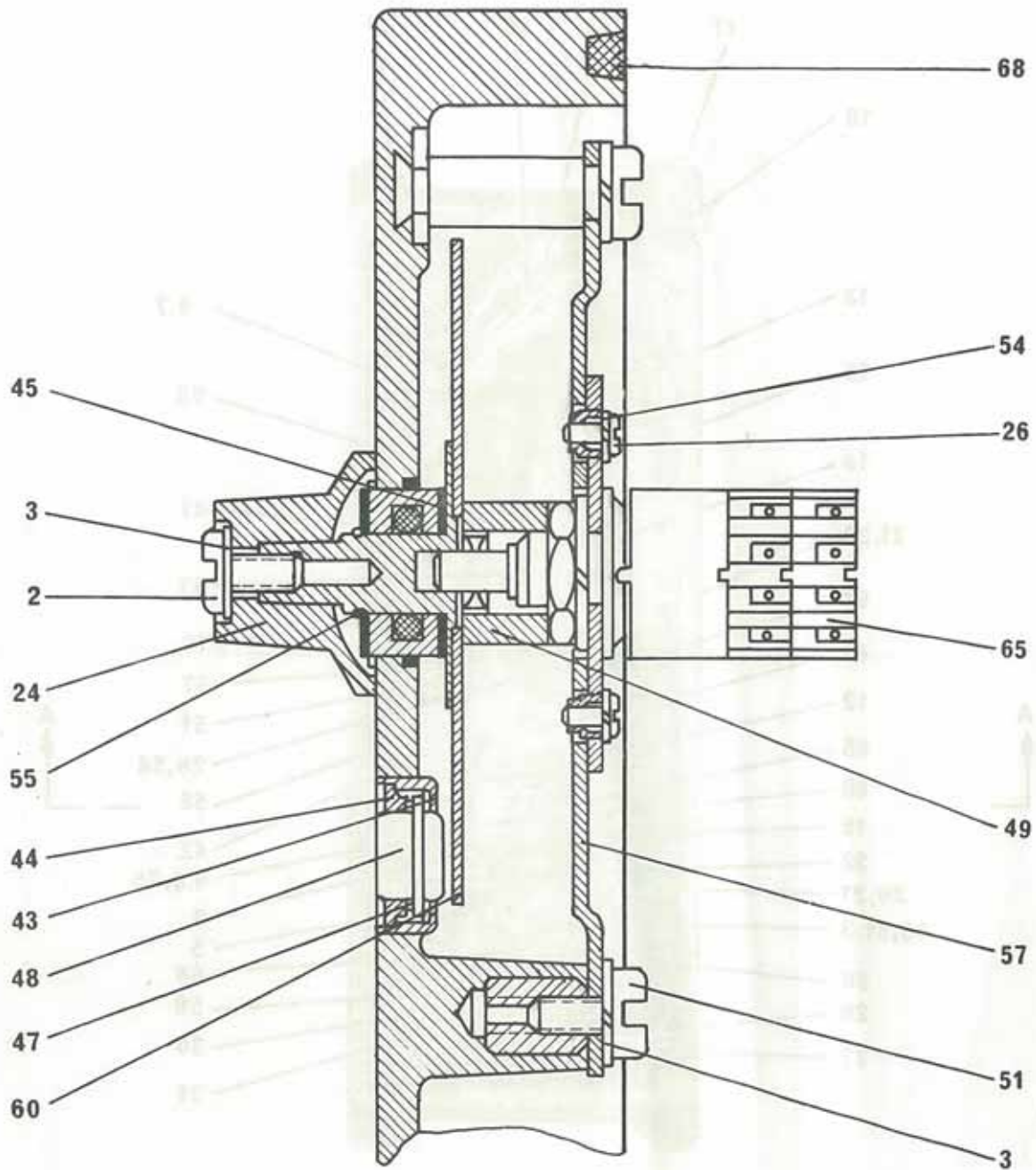


Fig. 37 - PANEL ASSEMBLY - M13 (2 of 3)



SECTION A-A



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7 8 9	MFR CODE	UNIT PER ASSY
37-				
-1	5991040	PANEL ASSEMBLY (M13) .....		REF
-2	5939220	SCREW.....	33859	2
-3	MS35337-41	WASHER.....	99536	2
-4	5946880	NUT.....	33859	1
-5	5946550	LUG.....	33859	2
-6	MS35337-39	WASHER.....	99536	4
-7	MS35223-3	SCREW.....	99536	2
-8	NAS620C2	WASHER.....	99536	2
-9	5991370	SPRING ASSEMBLY.....	33859	2
-10	5941730	CHASSIS SUPPORT CONNECTOR.....	33859	1
-11	5955300	"O" RING.....	33859	1
-12	5993100	CABLE ASSEMBLY.....	33859	1
-13	5931006	. SWITCH 5 (S5).....	33859	1
-14	BT07A16-26S	. CONNECTOR (J5).....	91662	1
-15	DBJ-25P	. CONNECTOR PLUG (J4).....	94481	1
-16	MS3114N-16-26S	. RECEPTACLE P1.....	11769	1
-17	234A621-3	. BOOT SHRINK	06090	1
-18	5995130	. P.C. BOARD ASSEMBLY (See fig 38).....	33859	1
-19	BA1401-003	RESISTOR VARIABLE 10K.....	99942	1
-20	5946520	NUT.....	33859	2
-21	MS35337-40	WASHER.....	99536	4
-22	5946270	NUT.....	33859	1
-23	5946240	KNOB.....	33859	1
-24	5946230	KNOB.....	33859	1
-25	MS35223-4	SCREW.....	99536	2
-26	MS35223-13	SCREW.....	99536	2
-27	MS35237-327	LAMP.....	72619	2
-28	5992330	FILTER CONNECTOR ASSEMBLY.....	33859	2
-29	5955200	"O" RING.....	33859	1
-30	5991880	ANTENNA BASE ASSEMBLY.....	33859	1
-31	5991670	. ANTENNA BASE SUB-ASSEMBLY.....	33859	1
-32	51-328-3196	. CONNECTOR R F.....	98291	1
-33	RC32GF101J	RESISTOR 100Ω 1W 5%.....	97469	1
-34	5991920	CAP ASSEMBLY.....	33859	1
-35	5991700	CAP ASSEMBLY.....	33859	1
-36	5992150	CAP REMOTE ASSEMBLY.....	33859	1
-37	5939030	SCREW.....	33859	3
-38	5946900	STOP.....	33859	3
-39	5991041	PANEL SUB-ASSEMBLY.....	33859	1
-40	1PB712	. SWITCH-PUSHBUTTON (S6) (S7)...	91929	2
-41	MS77068-2	. LUG.....	99536	1
-42	5941400	. RELAY SUPPORT.....	33859	4

FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION	MFR CODE	UNIT PER ASSY
		1 2 3 4 5 6 7 8 9		
37-				
-43	5945220	. GASKET WINDOW.....	33859	4
-44	5946540	. NUT, LIGHTER.....	33859	4
-45	1540917B-1	. BEARING.....	11413	8
-46	5946700	. KNOB.....	33859	1
-47	1540917B-4	. BEARING.....	11413	4
-48	5949100	. LIGHTER.....	33859	4
-49	5949350	. BUSHING.....	33859	3
-50	5949360	. BUSHING.....	33859	1
-51	MS35223-26	. SCREW.....	99536	8
-52	MS21318-1	. SCREW.....	99536	2
-53	AN960C6	. WASHER FLAT.....	99536	2
-54	MS27183-4	. WASHER.....	99536	6
-55	MS16624-4025	. RING.....	99536	4
-56	5973010	. PLATE, IDENTIFICATION.....	33859	1
-57	5991080	. SCALE SUPPORT ASSEMBLY.....	33859	3
-58	5991520	. RELAY ASSEMBLY K1.....	33859	1
-59	5991620	. SWITCH SHAFT 1, ASSEMBLY.....	33859	1
-60	5991630	. SWITCH SHAFT 2, ASSEMBLY.....	33859	1
-61	5991640	. SWITCH SHAFT 3, ASSEMBLY.....	33859	1
-62	5991660	. SWITCH SHAFT 4, ASSEMBLY.....	33859	1
-63	5991930	. PANEL ASSEMBLY 1.....	33859	1
-64	5991960	. SWITCH 3 ASSEMBLY.....	33859	1
-65	5991970	. SWITCH 2 ASSEMBLY.....	33859	1
-66	5991980	. SWITCH 1 ASSEMBLY.....	33859	1
-67	5991990	. SWITCH 4 ASSEMBLY.....	33859	1
-68	5945240	. GASKET.....	33859	1

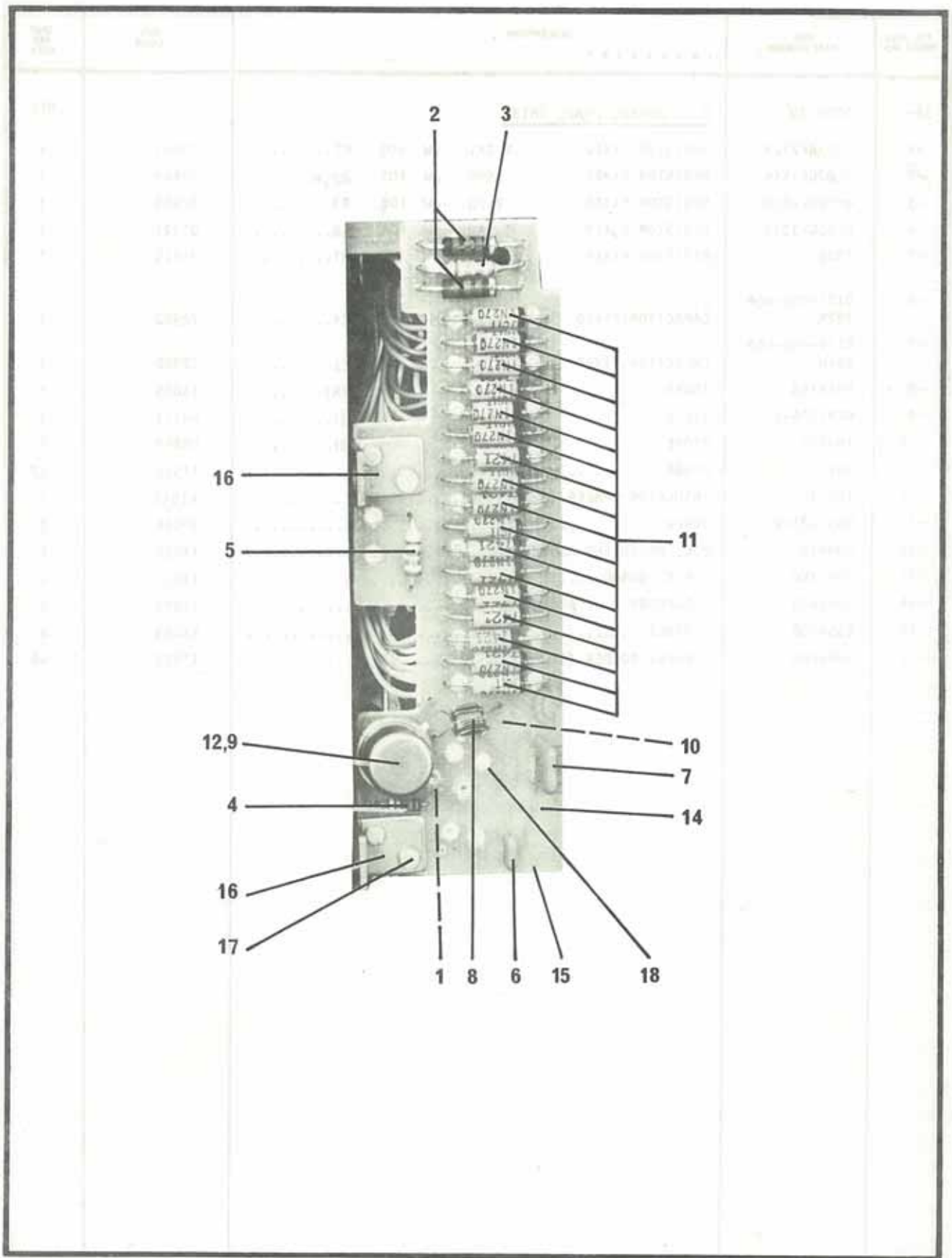


Fig. 38 - P.C. BOARD ASSEMBLY, PANEL - M13



FIG. AND INDEX NO	MFR PART NUMBER	DESCRIPTION						MFR CODE	UNIT PER ASSY
		1	2	3	4	5	6		
38-	5995130	P.C. BOARD, PANEL (M13)							REF
-1	RC07GF222K	RESISTOR, FIXED	2.2K $\Omega$	$\pm$ W	10%	R7.....		97469	1
-2	RC07GF151K	RESISTOR, FIXED	150 $\Omega$	$\pm$ W	10%	R2,4.....		97469	2
-3	RC07GF2R7K	RESISTOR, FIXED	2.7 $\Omega$	$\pm$ W	10%	R3.....		97469	1
-4	RC05GF331K	RESISTOR, FIXED	3.3K $\Omega$	$\pm$ W	10%	R8.....		01121	1
-5	CR25	RESISTOR, FIXED	1 $\Omega$		10%	R1.....		H1418	1
-6	8121-050-W5R 332K	CAPACITOR, FIXED	3.3nF		50V	C1.....		72982	1
-7	8131-050-W5R 224M	CAPACITOR, FIXED				C2.....		72982	1
-8	5913155	TRAFO				TR1.....		33859	1
-9	MCR1906-3	S.C.R				Q1.....		04713	1
-10	1N4148	DIODE				D1.....		D8849	1
-11	1N270	DIODE .....						11532	17
-12	T05-3L	INSULATOR-SPACER (SM447253B) .....						K1935	1
-13	MS35223-2	SCREW .....						99536	2
-14	5994130	P.C. BOARD SUB-ASSEMBLY.....						33859	1
-15	5932250	. P.C. BOARD .....						33859	1
-16	5941820	. SUPPORT P.C. BOARD .....						33859	2
-17	5954300	. RIVET .....						33859	4
-18	5947050	. POINT, SOLDER (SM447366B-1) .....						33859	48



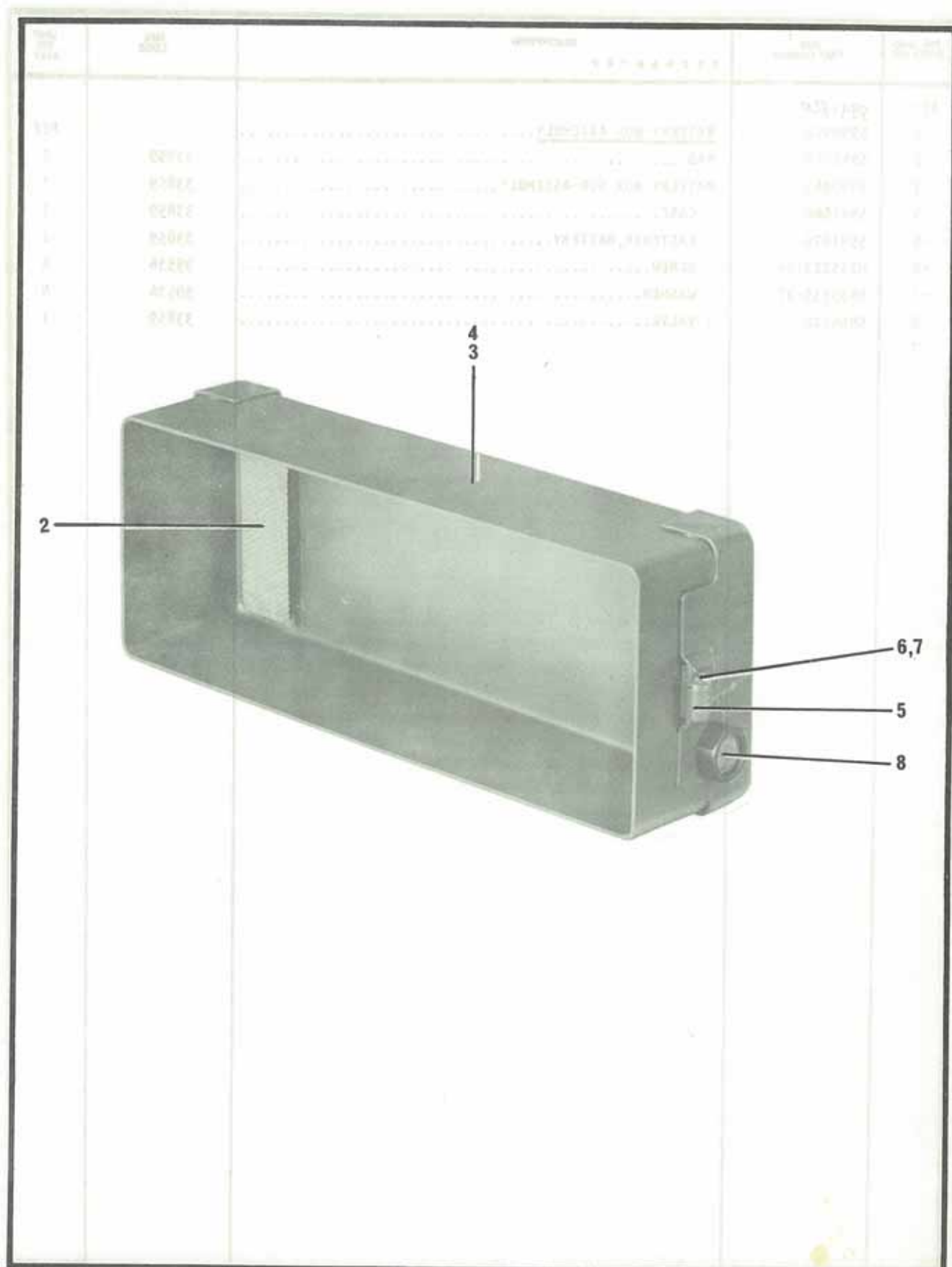


Fig. 39 - BATTERY BOX

FIG. AND INDEX NO	MPR PART NUMBER	DESCRIPTION								MPR CODE	UNIT PER ASSY
		1	2	3	4	5	6	7	8		
39-	5941820	BATTERY BOX ASSEMBLY.....									REF
-1	5999950	PAD.....								33859	2
-2	5945040	BATTERY BOX SUB-ASSEMBLY.....								33859	1
-3	5999940	. CASE.....								33859	1
-4	5941660	. FASTENER, BATTERY.....								33859	2
-5	5941670	. SCREW.....								99536	4
-6	MS35223-26	. WASHER.....								99536	4
-7	MS35333-37	. VALVE.....								33859	1
-8	5956120										

## SECTION III

## NUMERICAL INDEX

MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.
AN960C6	37-53	2	CSR13G224KL	24-26	2	K051062B	9-34	4
AWG22	7-35	4	CSR13G474KL	13-29	8		11-50	
	18-36			24-27			13-57	
	26-15			33-46			33-79	
AWG24	36-38		CSR13G475KL	13-29	3	MCR1906-3	38-9	1
	29-2	2		24-24		MF4C-E-2001-F	35-11	1
	29-3			36-12		MF4C-E-2492-F	36-8	2
BA182	20-40	2	CSR13H104KL	11-21	1	MF4C-E-3012-F	36-9	2
BA1401-003	37-19	1	CSR13H224KL	26-5	1	MF4C-E-3481-F	35-9	2
BB1058	7-32	4	CV31A080	16-7	3	MF4C-E-4501-F	35-10	1
BFY90	20-44	13		29-14		MF4C-E-7151-F	35-12	1
	25-41			31-19		MR350	33-41	3
CA30288	9-16	3	CV31A180	29-13	9	MS3114N-16-26S	37-16	1
	11-32			31-18		MS15795-801	13-48	1
CD4011AK	21-10	1	C-18695 SS-012	6-6	20		20-12	
CD4013AK	21-7	5		14-3		MS15795-805	4-36	3
CD4019AK	21-9	1		17-5		MS16535-64	58-5	3
CD4027AK	21-8	1		26-6		MS16535-134	5C-19	2
CD4049AK	21-11	1		30-7		MS16624-4025	37-55	4
CK06CW472K	13-34	1		34-7		MS21318-1	37-52	8
CL44BH101TP3	29-19	2	DAM7W28	26-11	1	MS24585C238	5A-18	2
	31-24		DAMF7W3S2	20-4	1	MS25237-327	37-27	2
CL65CC851MP3-T3	20-14	2	DBJ-25P	37-15	1	MS27183-4	37-54	6
	35-22		DBMF-25-S4	26-10	1	MS28775-003	8-5	9
CL65CE541MP3-T3	33-37	2	DMO5	9-8	2		10-5	
CL65CN430MP3-T3	36-13	1		11-22			12-3	
CSR13B337KL	33-35	1	DM15	35-21	1		32-5	
CSR13B685KL	24-28	2	DM53740	26-12	2	MS35221-30	5A-13	8
	25-27		DM53743	20-8	2	MS35223-2	4-35	24
CSR13C127KL	11-24	1	DSV650-8	11-28	1		27-3	
CSR13C395KL	33-45	3	FA5C1000PF GMV	29-45	11		35-53	
CSR13C475KL	11-26	3		35-20			36-34	
	13-30		JAN2N2219A	18-32	3		38-13	
CSR13D226KL	18-17	3		33-59		MS35223-3	15-6	34
	33-34		JAN2N2222	13-37	5		17-4	
CSR13D335KL	13-28	5		18-25			20-6	
	20-38			33-56			26-13	
CSR13E106KL	13-21	2	JAN2N2222A	24-42	6		28-5	
	31-16			35-34			30-4	
CSR13E125KL	18-21	1		36-22			35-52	
CSR13E156KL	13-24	2	JAN2N2484	7-30	10		37-7	
	36-13			11-34		MS35223-4	37-25	3
CSR13E225KL	11-25	5		13-38		MS35223-5	8-3	8
	13-27			24-41			10-3	
	18-33			33-58			12-4	
	33-44		JAN2N2905	33-57	3		28-16	
CSR13E476KL	36-17	4		35-33			32-3	
CSR13F476KL	35-19	1	JAN2N2907	35-32	3	MS35223-6	28-19	1
CSR13F685KL	29-20	4	JAN2N2907A	24-44	2	MS35223-13	5A-4	14
	33-51		JAN2N3019	36-21	2		4-25	
CSR13F685ML	18-18	1	JAN2N3549	13-39	2		37-26	
CSR13G105KL	13-22	7	JAN2N3686	24-43	1	MS35223-14	35-51	4
	29-10		JAN2N3879	35-35	2	MS35223-26	3-10	21
	33-36		JAN2N930	18-41	2		4-30	
	36-11		JMC4702	7-18	7		37-51	
CSR13G186KL	35-17	3					39-6	
						MS35223-28	36-35	1



MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.
MS35223-29	5A-16	13	NAS620C10L	3-6	4	RC07GF102J	18-12	4
	8-6		NAS620-3L	19-18	14		24-13	
	10-6			26-11			33-25	
	12-6		NAS671-4	4-28	5	RC07GF102K	7-6	15
MS35223-32	32-6		NF205	36-28	2		9-3	
MS35229-2	5A-14	2	NF207	35-40	2		11-5	
MS35229-7	19-13	31	PEM6-32	5C-2	8		13-2	
	15-15	2	RC05GF9R1J	20-28	2		36-4	
	19-14		RC05GF100K	25-1	4	RC07GF103K	9-25	20
MS35239-10	5B-16	4	RC05GF101K	20-18	7		11-10	
MS35239-19	5A-7	2		26-2			13-6	
MS35239-20	28-15	1	RC05GF102J	25-3	2		33-7	
MS35333-37	3-11	4	RC05GF102K	20-22	2		35-6	
	39-7		RC05GF103K	21-2	7		36-5	
MS35337-5	3-7	4	RC05GF121K	20-23	1	RC07GF104J	13-14	4
MS35327-39	4-34	86		25-4			33-15	
	8-4		RC05GF122J	25-5	3	RC07GF104K	11-13	5
	10-4		RC05GF151J	20-29	2		13-10	
	12-5		RC05GF152J	20-20	4	RC07GF105J	33-14	2
	15-5		RC05GF181K	25-6	6	RC07GF105K	7-7	1
	19-15		RC05GF182J	25-7	6	RC07GF106J	13-13	2
	20-9		RC05GF202J	20-24	3		35-7	
	26-14		RC05GF203J	20-17	4	RC07GF111J	29-7	1
	27-8		RC05GF220K	20-21	9	RC07GF112J	18-16	4
	28-14			25-8			31-11	
	32-4		RC05GF221K	20-27	4		33-26	
	35-54			25-9		RC07GF121K	18-2	2
	36-36		RC05GF222J	25-10	7		31-3	
	37-6		RC05GF222K	20-19	4	RC07GF122K	24-6	3
MS35337-40	4-26	39	RC05GF272J	25-11	2	RC07GF151K	7-8	4
	6-5		RC05GF302K	21-3	1		38-2	
	14-5		RC05GF331J	25-12	2	RC07GF152J	24-14	7
	27-5		RC05GF331K	38-4	2		33-27	
	28-4		RC05GF332K	20-16	3	RC07GF152K	13-3	6
	30-5		RC05GF333K	25-3	18		18-4	
	34-5			26-3			31-6	
	35-55		RC05GF390K	25-13	1		33-5	
	37-21		RC05GF391K	25-14	1	RC07GF153J	24-16	1
MS35337-41	4-31	46	RC05GF392K	20-26	1	RC07GF153K	18-6	3
	5A-15		RC05GF470K	16-6	2		24-2	
	8-7			25-15			33-8	
	10-7		RC05GF471K	25-16	6	RC07GF154J	24-17	1
	12-7		RC05GF680J	20-25	1	RC07GF180J	18-15	1
	32-7		RC05GF681J	25-17	1	RC07GF181K	33-19	1
	36-37		RC05GF820J	20-30	1	RC07GF182K	31-10	1
	37-3		RC05GF820K	25-18	1	RC07GF183K	16-2	3
MS35649-225	20-55	5	RC05GF821J	25-19	4		18-7	
MS5140	16-13	1	RC07GF2R7K	31-8	4		36-6	
MS77068-2	37-41	1		38-3		RC07GF184K	11-14	2
MT-100	35-31	2	RC07GF100K	29-4	7	RC07GF185K	35-14	1
MT709A	13-36	5		31-2		RC07GF202J	24-18	2
	18-24			35-2		RC07GF221J	35-13	4
	33-54		RC07GF101K	7-4	7	RC07GF221K	13-11	1
NAS620C2	37-8	2		11-3		RC07GF222J	33-28	3
NAS620C4L	4-33	7		16-1		RC07GF222K	9-4	4
	25-48			33-3			11-6	
	26-24			36-2			38-1	





MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.
02-001-332-5-100	18-40 31-42 35-63	20	461-2634-1-03	20-13 22-11 23-8 24-50	65	8111-200-COG-689K	25-28	2
02-001-701-3-100	5C-23	20	461-2634-02-03	25-44	6	8121-050-W5R-102K	7-17 9-9 13-31 15-17 16-10 18-22 20-32 33-47 35-23	47
1N270	11-37 13-42 22-10 24-47 26-8 29-35 33-62 38-11	35	835 (6pF)	29-16 33-43 13-26 16-9	2			
			835 (8pF)	18-20 29-15 11-23	3			
			835 (12 pF)	31-20 33-42	1	8121-050-W5R-103K	24-29	7
1N3613	36-26	4	835 (27pF)	16-4	1	8121-050-W5R-103M	9-10 11-27 18-32 18-23 20-31 22-2 24-30 29-17 31-21 33-48 35-24	66
1N3827A	20-39	1	835 (33pF)	33-13	1			
1N4106	18-27	2	3300P-1-102	13-12	2			
	33-61		3300P-1-203	18-10	1			
1N4148	24-46	13	3300P-1-253	33-12	1			
	25-43		3300W-1-502	26-9	71			
	33-64		3301P-1-T04	7-33	4			
	38-10		3704-1-03	20-5	4			
1N748A	11-36	2	5023	58-6	4			
	13-41		6009-91A	9-20	12			
1N754A	35-36	3	7717-8N	11-40 13-44 18-30 33-67 35-44		8121-050-W5R-332K	38-6	1
1N914	11-35 13-40 18-26 26-7 33-60 36-24	23		25-20	2	8121-100-COG-101J	31-22 35-25	3
	35-38	3	8000-006-COG-120K-100V	20-35	3	8121-100-COG-102J	24-34	1
1N965B	33-63	2	8000-006-COG-220K-100V	25-21		8121-100-COG-121J	9-11	2
1N968B	36-25		8000-006-W5R-101M-100V	20-35	2	8121-100-COG-151J	24-35 33-50	3
1N972B	24-48	1	8000-006-W5R-102M-100V	7-14	19	8121-100-COG-221J	24-31	3
1PB712	37-40	2		9-7		8121-100-COG-471K	20-36	
2BC-1664	4-23	1		20-34		8121-100-W5R-222K	24-32	1
2BN-1E-126	7-41	1		25-24		8131-050-W5R-224M	29-18 33-49 38-7	3
2N3292	11-33	1		31-17				
2N3821	24-40	3		33-40				
2N4429	28-12	1		7-13	7			
2N918	25-42	4	8000-006-W5R-470M-100V	25-22				
3N109	24-45	2		33-39				
10-00-2070-1215	37-11	1	8013-202-W5R-332M-100V	18-19 20-33 25-25 36-15	38	8131-050-W5R-473K	13-33	2
22NCFMA2-40	5C-14	10		25-23	4	8151-100-W5R-474K	35-26	1
51-045-4300	9-19	6		31-23	1	9410-2	16-8	4
	29-48			24-36	1	9410-4PC	7-15	4
	31-33					10260-3	28-6	3
51-328-3196	37-32	2	8013-202-W5R-472K-100V			27792	36-18	1
62-5204-40-12	18-41	10	8101-100-COG-229K	24-33	1	109709C-2	9-38	11
	31-43		8101-200-COG-479J			447132	9-38 11-51 13-56 33-78	9
	35-65		8111-A100-W2J-270K					
62-5301-40-12	58-23	2						
	7-43							
62-5301-41-12	58-23	2						
	7-42							
114-19-GRN	24-58	2						
234A621-3	37-17	1						



MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.
456001C-913	35-56	1	5913132	25-31	1	5939220	37-2	7
995874A-3	5C-16	3	5913133	25-32	1	5939260	5C-32	1
1540917B-1	37-45	8	5913135	24-37	1	5939730	14-6	2
1540917B-4	37-47	4	5913138	25-33	1	5941020	7-39	2
5912007	35-18	1	5913141	25-34	1	5941060	9-28	1
5912318	35-27	1	5913142	25-35	1	5941190	31-41	2
5913015	9-12	1	5913143	25-36	2	5941250	35-46	1
5913017	9-13	2	5913144	25-37	1	5941260	35-47	1
5913021	11-29	1	5913146	25-38	1	5941360	19-8	1
5913023	11-30	1	5913147	25-39	1	5941370	58-29	2
5913025	9-14	3	5913148	25-40	1	5941400	37-12	1
	11-31		5913151	20-42	4	5941530	58-10	1
5913027	13-35	1		26-6		5941590	29-36	1
5913031	7-20	1	5913155	38-8	1	5941640	3-8	1
5913032	7-21	3	5914001	4-7	1	5941650	3-9	2
5913034	7-22	2	5914003	9-15	1	5941660	39-4	1
5913035	7-23	2	5921092	33-55	1	5941670	39-5	1
5913036	7-24	2	5921101	7-29	2	5941730	37-10	1
5913040	7-26	1		30-31		5941980	58-7	1
5913041	7-27	1	5921110	28-13	3	5941990	5C-12	1
5913044	7-28	1	5921129	31-32	2	5943040	9-32	15
5913050	15-19	1	5921180	36-23	2		11-48	
5913051	15-20	1	5921191	7-31	4		13-55	
5913052	15-21	1	5922001	24-49	1		20-49	
5913053	15-22	1	5931006	37-13	1		26-21	
5913054	15-23	1	5932020	9-27	1		33-75	
5913055	15-24	1	5932030	11-45	1		35-67	
5913056	15-25	1	5932040	13-52	1	5943060	7-48	20
5913057	16-11	1	5932050	18-39	1		9-36	
5913058	16-12	1	5932070	31-39	1		11-52	
5913059	15-26	1	5932080	33-71	1		13-59	
5913061	20-41	4	5932090	16-16	1		20-50	
5913062	29-22	1	5932100	20-47	1		33-77	
5913063	29-23	1	5932110	21-12	1	5943070	5A-17	2
5913064	29-24	1	5932160	5C-21	1	5943080	9-31	5
5913065	29-25	1	5932170	58-19	1		11-47	
5913066	29-26	1	5932180	23-11	1		13-54	
5913067	29-27	1	5932190	24-57	1		33-73	
5913068	29-28	1	5932200	25-46	1	5944030	5C-15	1
5913069	29-29	1	5932210	26-18	1	5944040	58-17	1
5913070	29-30	2	5932320	35-60	1	5944050	58-14	4
5913071	28-9	1	5932360	36-40	1	5944600	9-40	1
5913072	31-27	1	5932790	22-13	1	5944640	20-52	1
5913073	31-28	1	5933009	37-14	1	5944670	35-48	2
5913074	29-31	4	5933012	15-9	10	5944680	36-32	1
	31-29		5933016	5A-3	1	5944720	26-23	1
5913076	20-11	1	5933050	33-65	2	5944740	4-32	3
5913079	31-30	1	5933052	7-37	225	5944780	25-47	4
5913082	35-28	1		9-21		5944790	14-7	1
5913083	28-17	1		11-41		5944820	15-16	1
5913084	35-29	1		13-45		5944950	9-39	7
5913085	35-30	4		16-14			11-54	
	36-19			31-35			13-61	
5913088	36-20	1		33-66			33-80	
5913090	28-10	1		35-45		5944990	7-47	1
5913091	29-32	1	5933082	5A-5	1	5945030	3-2	1
5913110	33-35	1	5939030	37-37	3	5945040	39-2	1
5913131	25-30	1	5939100	15-27	1	5945160	19-17	1

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5945220	37-43	4	5946920	5C-9	2	5954020	33-76	
5945240	3-3	1	5946970	5B-26	15	5954080	29-44	102
5946010	7-44	3	5947050	13-62	116		58-8	
5946020	9-33	8		16-19			5C-11	
	11-49			35-64		5954090	29-43	30
	13-58			36-45		5954110	58-2	35
5946030	33-74		5947100	5A-8	2	5955200	37-29	1
	9-30	5	5947140	15-8	11	5956120	39-8	1
	11-46			20-10		5973010	37-56	1
	13-53		5947260	5C-25	7	5973280	37-60	1
	33-72		5949050	5A-19	1	5980001	7-36	1
5946040	28-4	4	5949060	5A-21	1	5980002	9-22	1
5946060	29-47	2	5949070	5A-20	1	5980003	11-42	1
5946100	28-8	8	5949080	5A-22	1	5980004	13-50	1
	35-49		5949090	34-3	2	5980008	20-15	1
	36-33		5949100	37-48	4	5980009	26-16	1
5946110	58-15	1	5949190	5C-31	3	5980011	29-37	1
5946120	15-2	2	5949230	5C-30	2	5980012	31-37	1
5946130	20-51	2	5949260	27-7	1	5980014	35-57	1
5946140	20-48	1	5949270	27-9	1	5980015	36-29	1
5946150	5C-27	2	5949280	27-10	1	5991040	4-2	1
5946160	35-61	5	5949290	28-18	3	5991041	37-39	1
	36-41		5949320	19-16	2	5991050	4-1	1
5946210	31-36	2	5949340	21-14	29	5991060	4-3	1
5946230	37-24	5		22-12		5991070	6-1	1
5946240	37-23	1		23-9		5991080	6-2	3
5946270	37-22	1		24-52			37-57	
5946280	26-20	2	5949350	37-49	3	5991090	6-3	1
5946310	58-21	38	5949360	37-50	1	5991100	4-4	1
	5C-24		5949370	7-49	1	5991110	8-1	1
5946320	5A-11	1	5951101	13-46	3	5991130	4-8	1
5946340	5C-3	2		20-54		5991140	10-1	1
5946350	5C-7	1		24-53		5991150	2-1	1
5946360	5C-6	1	5952261	13-47	1	5991160	4-5	1
5946370	5C-8	2		20-13		5991170	12-1	1
5946380	3-4	4	5952270	6-4	24	5991190	4-11	1
5946390	5C-5	14		14-4		5991200	17-1	1
5946400	5C-25	8		17-6		5991210	17-3	1
5946430	7-46	3		27-4		5991250	4-10	1
5946460	29-47	4		28-3		5991260	27-1	1
5946480	5C-28	8		30-6		5991280	28-1	2
5946520	37-20	2		34-6			29-38	
5946540	37-44	4	5952381	19-12	2	5991290	14-1	1
5946550	37-5	2	5952391	24-54	2	5991300	29-41	1
5946590	26-19	2	5953110	36-42	1	5991320	4-12	1
5946600	36-44	1	5953120	35-66	5	5991330	30-1	1
5946660	5A-6	2		36-43		5991340	30-3	1
5946670	4-24	2	5953140	4-27	1	5991370	37-9	2
5946680	35-62	2	5953150	20-56	1	5991380	4-6	1
5946700	37-46	1	5953160	13-49	2	5991390	32-1	1
5946770	58-13	1		24-55		5991410	4-14	1
5946820	58-11	1	5954010	5C-10	44	5991420	34-1	1
5946830	58-12	1		9-29		5991470	4-13	1
5946840	58-27	10		20-53		5991480	15-1	1
	5C-26			31-40		5991500	14-6	1
5946870	58-9	1	5954020	9-37	9	5991520	37-58	1
5946880	37-4	1		11-53		5991550	20-7	1
5946900	37-38	3		13-60		5991570	19-1	1



MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.	MFR PART NUMBER	FIG. AND INDEX NO.	QTY.
5991590	19-10	1	5994180	36-39	1			
5991600	19-7	1	5994840	24-56	1			
5991620	37-59	1	5994850	25-45	1			
5991630	37-60	1	5994860	26-17	1			
5991640	37-61	1	5995020	8-2	1			
5991660	37-62	1	5995030	10-2	1			
5991670	37-31	1	5995040	12-2	1			
5991690	15-3	1	5995050	15-4	1			
5991700	37-35	1	5995060	17-2	1			
5991710	58-4	1	5995070	19-9	1			
5991720	5A-10	2	5995090	28-2	1			
	58-1		5995100	30-2	1			
5991740	5C-4	1	5995110	32-2	1			
5991760	5A-9	1	5995120	34-9	1			
5991770	15-14	1	5995130	37-18	1			
5991790	5A-12	1	5995160	34-8	1			
5991810	2-2	1	5995190	9-23	1			
5991830	58-3	1	5995290	22-1	1			
5991840	5C-1	1	5995810	19-3	1			
5991880	37-30	1	5995820	19-4	1			
5991920	37-34	1	5995830	19-5	1			
5991930	37-63	1	5995840	19-2	1			
5991960	37-64	1	5995850	19-6	1			
5991970	37-65	1	5995860	19-11	1			
5991980	37-66	1	5999940	39-3	1			
5991990	37-67	1	5999950	39-1	1			
5992010	4-9	1	232210132108	33-22	3			
5992030	27-2	1						
5992110	34-2	1						
5992120	4-16	1						
5992130	4-15	1						
5992150	37-36	1						
5992260	29-42	1						
5992310	20-2	1						
5992320	20-3	1						
5992330	37-28	2						
5993010	4-21	1						
5993020	4-17	1						
5993030	4-19	1						
5993040	4-22	1						
5993050	4-20	1						
5993060	4-18	1						
5993100	37-12	1						
5993110	5A-2	1						
5994010	7-40	1						
5994020	9-26	1						
5994030	11-44	1						
5994040	13-51	1						
5994050	16-15	1						
5994060	18-37	1						
5994070	20-46	1						
5994090	29-40	1						
5994100	31-38	1						
5994110	33-70	1						
5994120	35-59	1						
5994130	38-14	1						
5994140	5C-20	1						
5994150	58-18	1						

