

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR

OSCILLOSCOPE AN /**USM-488**
(NSN 6625-01 -1 87-7847)

Technical Manual

No. 11-6625-3135-24P

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 Washington, DC, 12 September 1985

**ORGANIZATIONAL, DIRECT SUPPORT, AND
 GENERAL SUPPORT MAINTENANCE
 REPAIR PARTS AND SPECIAL TOOLS LIST
 FOR
 OSCILLOSCOPE AN/USM-488
 (NSN 6625-01-187-7847)**

Current as of 1 April 1985

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, NJ 07703-5007. A reply will be furnished to you.

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SECTION I INTRODUCTION

1. Scope

This manual lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the AN/USM-488. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

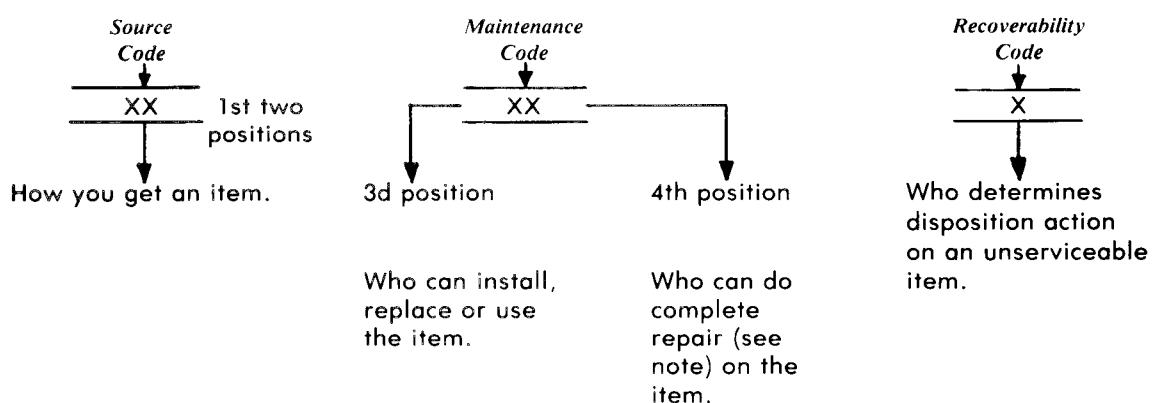
2. General

This Repair Parts and Special Tools List is divided into the following sections:

- a. *Section II. Repair Parts List.* A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numeric sequence, with the parts in each group listed in ascending item number sequence. Figure numbers are listed directly beneath the group header.
- b. *Section III. Special Tools List. Not applicable.*
- c. *Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbered items appearing in the listings, followed by a list in alphabetical sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross referenced to each illustration figure and item number appearance.

3. Explanation of Columns (Section II and III)

- a. *Item No. (Column (1)).* Indicates the number used to identify items called out in the illustration.
- b. *SMR Code (Column (2)).* The source, maintenance, and recoverability (SMR) code is a five-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



NOTE

Complete repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) *Source Code*. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

<i>Code</i>	<i>Explanation</i>
PA PB PC PD PE PF PG	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the third position of the SMR code.
	NOTE
	Items coded PC are subject to deterioration.
KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.
MO — Made at org/ AVUM category MF — Made at DS/ AVUM category MH — Made at GS category ML — Made at Spec- ialized Repair Activity (SRA) MD — Made at Depot	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the description and usable on code (UOC) column and listed in the Bulk Material group of the repair parts list. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher category, order the item from the higher category of maintenance.
AO — Assembled by org/ AVUM category AF — Assembled by DS/ AVIM category AH — Assembled by GS category AL — Assembled by SRA AD — Assembled by Depot	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the category of maintenance indicated by the source code. If the disposition code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher category, order the item from the higher category of maintenance.

XA - Do not requisition an "XA" coded item. Order its next higher assembly.

XB - If an "XB" item is not available from salvage, order it using the FSCM and part number given.

XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturers part number.

XD - Item is not stocked. Order an "XD" coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

(2) *Maintenance Code.* Maintenance codes tell you the category of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following categories of maintenance.

<i>Code</i>	<i>Application/Explanation</i>
C -	Crew or operator maintenance done within organizational or aviation maintenance.
O -	Organizational or aviation unit category can remove, replace, and use the item.
F -	Direct support or aviation intermediate category can remove, replace, and use the item.
H -	General support category can remove, replace, and use the item.
L -	Specialized repair activity can remove, replace, and use the item.
D -	Depot category can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance category with the capability to do complete repair (i. e., perform all authorized repair functions). This position will contain one of the following maintenance codes:

NOTE

Some limited repair may be done on the item at a lower category of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

<i>Code</i>	<i>Application/Explanation</i>
O -	Organizational or aviation unit is the lowest category that can do complete repair of the item.
F -	Direct support or aviation intermediate is the lowest category that can do complete repair of the item.
H -	General support is the lowest category that can do complete repair of the item.
L -	Specialized repair activity (designate the specialized repair activity) is the lowest category that can do complete repair of the item.
D -	Depot is the lowest category that can do complete repair of the item.
z -	Nonrepairable. No repair is authorized.
B -	No repair is authorized. (No parts or special tools are authorized for the maintenance of a "B" coded item.) However, the item may be reconditioned by adjusting, lubricating, etc., at the user category.

(3) *Recoverability Code.* Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

<i>Recoverability codes</i>	<i>Application/Explanation</i>
Z	- Nonreparable item. When unserviceable, condemn and dispose of the item at the category of maintenance shown in the third position of SMR Code.
O	- Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit category.
F	- Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support or aviation intermediate category.
H	- Reparable item. When uneconomically reparable, condemn and dispose of the item at general support category.
D	- Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot category.
L	- Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
A	- Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. *FSCM (Column (3)).* The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. *Part Number (Column (4)).* Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use a NSN to requisition an item, the item you receive may have a different part number from the part ordered.

e. *Description and Usable on Code (UOC)(Column (5)).* This column includes the following information.

(1) The Federal item name and, when required, a minimum description to identify the item.

(2) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both section II and section III.

f. *Qty (Column (6)).* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may vary from application to application.

4. Explanation of Columns (Section IV)

a. *National Stock Number (NSN) Index.*

(1) *Stock number column.* This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. When requisitioning items use the complete NSN (13 digits).

(2) *Fig. column.* This column lists the number of the figure where the item is identified/located. The illustrations are in numerical sequence in sections II and III.

(3) *Item column.* The item number identifies the item associated with the figure listed in the adjacent Fig. column. This item is also identified by the NSN listed on the same line.

b. *Part Number Index.* Part numbers in this index are listed by part number in ascending alphabetic sequence.

(1) *FSCM column.* This column lists the Federal supply code for manufacturer (FSCM).

(2) *Part number column.* This column indicates the part number assigned to the item.

(3) *Stock number column.* This column lists the National stock number for the associated part number and manufacturer identified in the part number and FSCM columns to the left.

(4) *Fig. column.* This column lists the number of the figure where the item is identified/located in sections II and III.

(5) *Item column.* The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

5. Special Information

a. *Associated Publications.* The publications listed below pertain to the AN/USM-488 and its components:

TM 11-6625-3135-12, Oscilloscope AN/USM-488

TM 11-6625-3135-40, Oscilloscope AN/USM-488

b. *National Stock Numbers.* National stock numbers (NSN'S) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN'S are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-MM, Fort Monmouth, NJ 07703-5006 for the part required to support your equipment.

6. How to Locate Repair Parts

a. *When National stock number or part number is not known.*

(1) *First.* Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) *Second.* Find the figure covering the assembly group or subassembly group to which the item belongs.

(3) *Third.* Identify the item on the figure and note the item number.

(4) *Fourth.* Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.

(5) *Fifth.* Refer to the Part Number Index to find the NSN, if assigned.

b. When National stock number or part number is known.

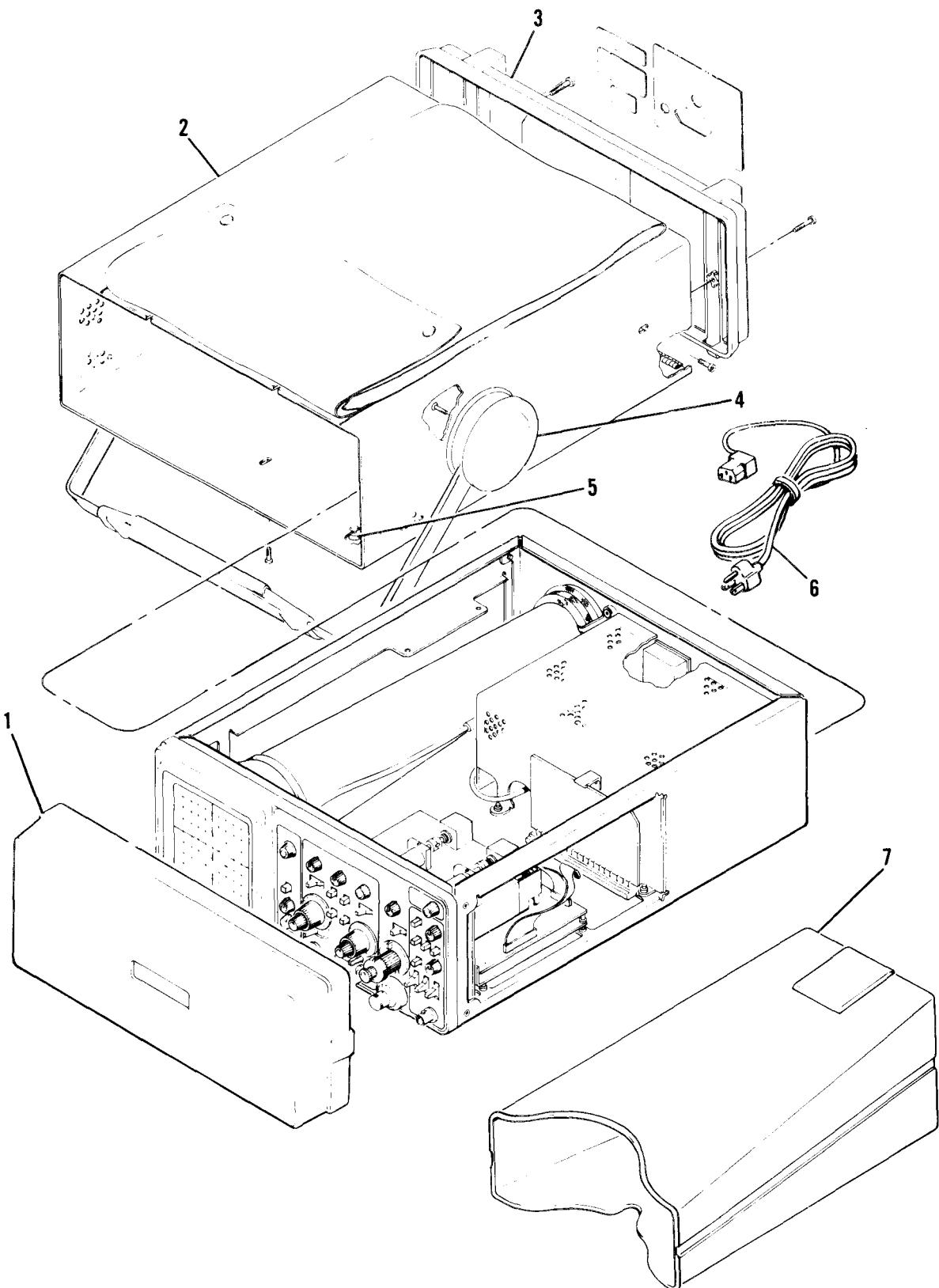
(1) *First.* Using the Index of National stock numbers and part numbers, find the pertinent National stock number or part number. The NSN index is in National item identification number (NIIN) sequence (para 4a(1)). The part numbers in the part number index are listed in ascending alphabetic sequence (para 4b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) *Second.* After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

7. Abbreviations

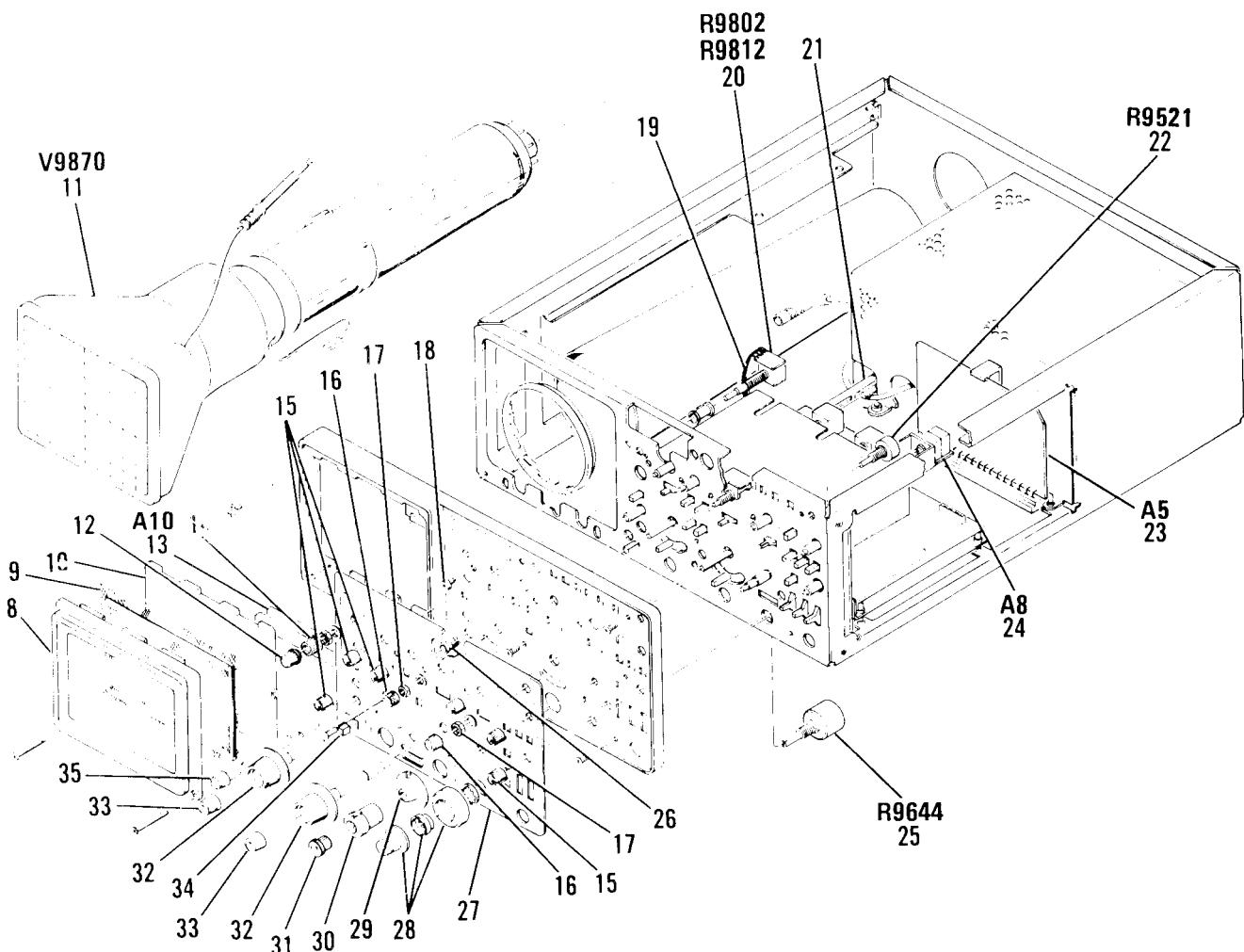
Not applicable.

TM 11-6625-3135-24P



EL9WL002

Figure 1. Oscilloscope AN/USM-488 Exploded View (Sheet 1 of 4)



EL9WL003

Figure 1. Oscilloscope AN/USM-488 Exploded View (Sheet 2 of 4)

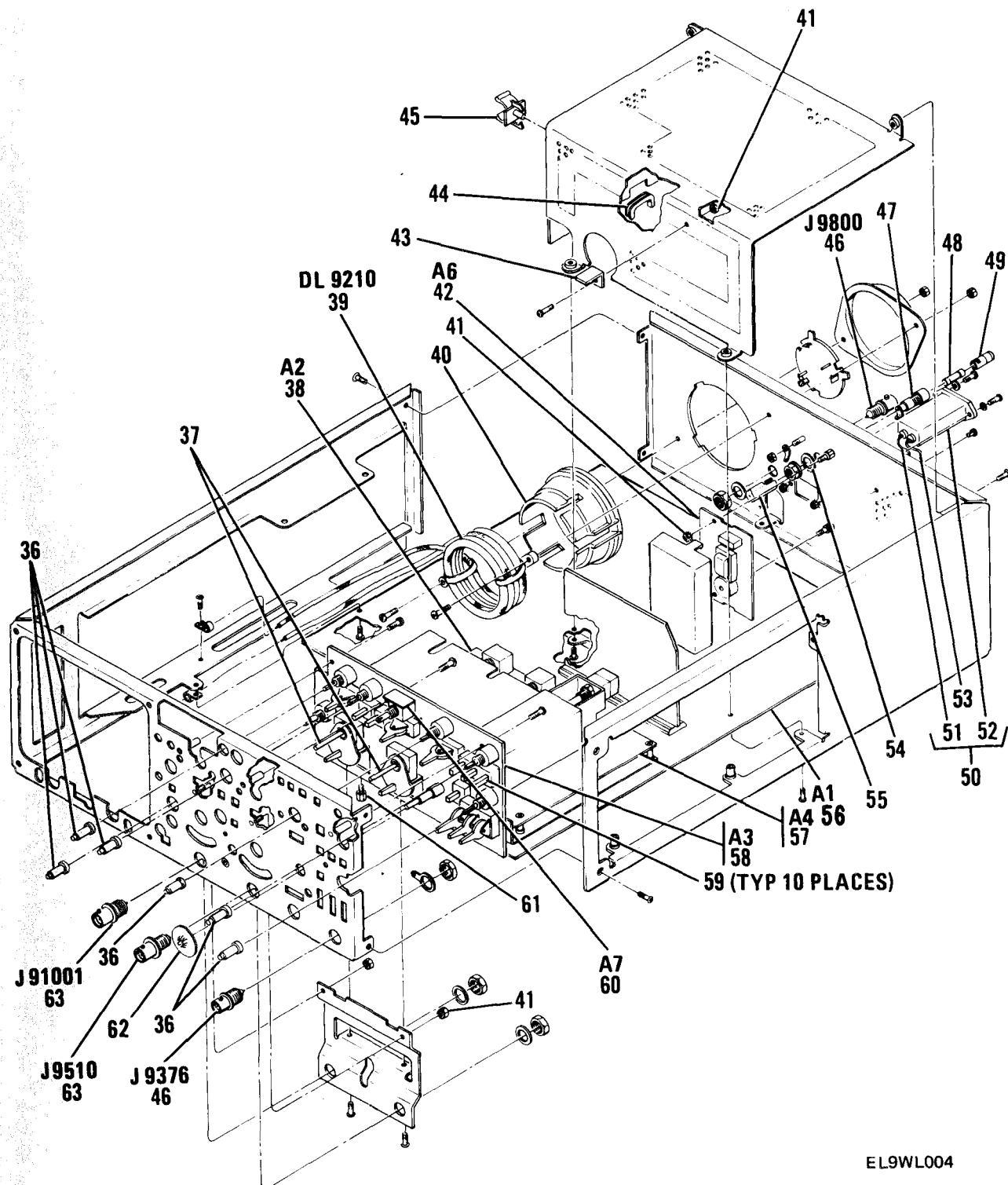
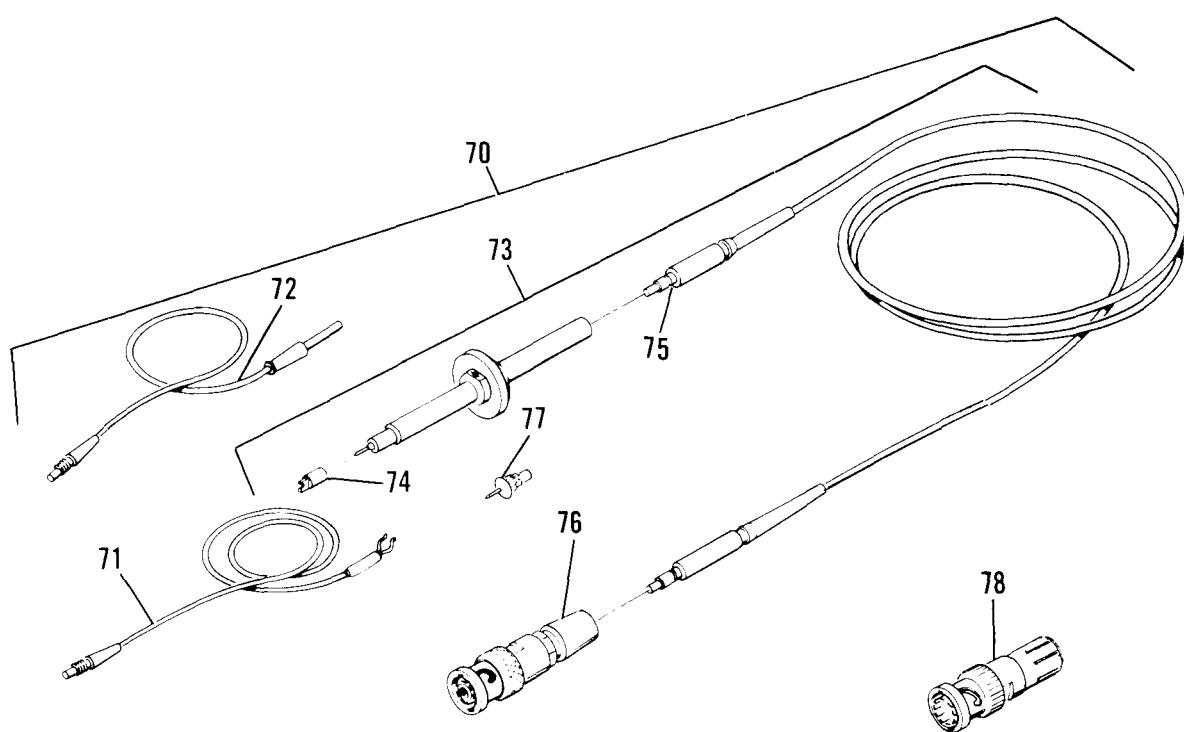
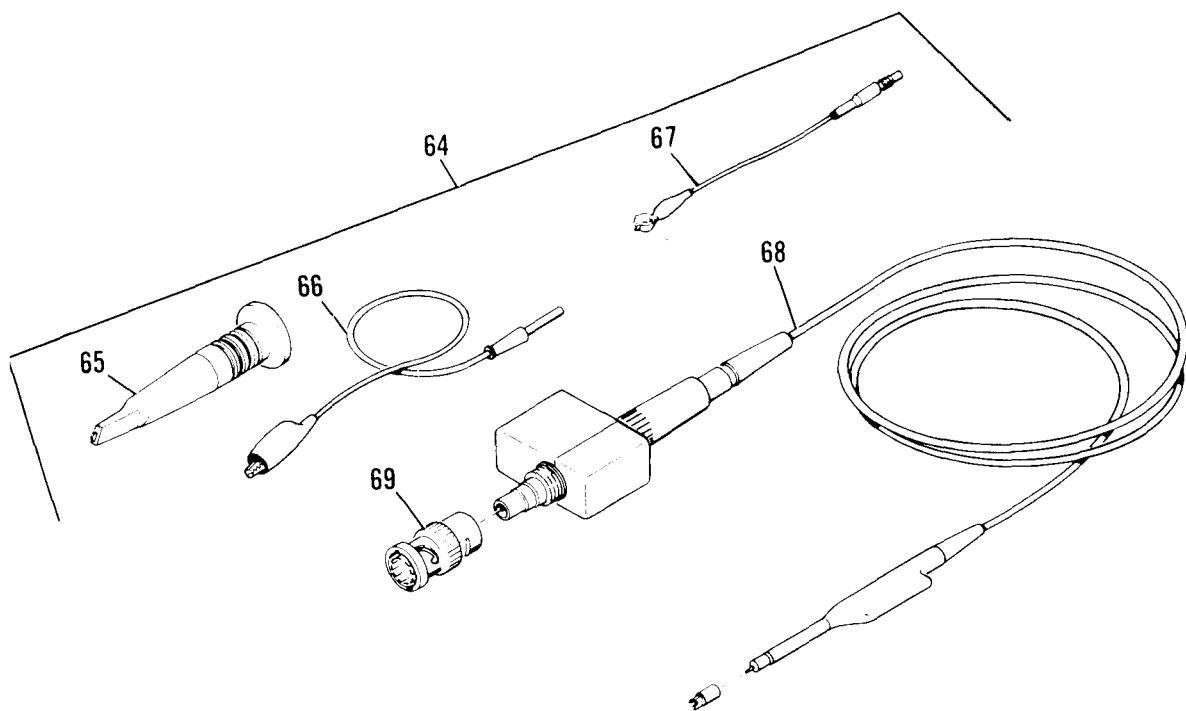


Figure 1. Oscilloscope AN/USM-488 Exploded View (Sheet 3 of 4)

TM 11-6625-3135-24P



EL9WL005

Figure 1. Oscilloscope AN/ USM-488 Exploded View (Sheet 4 of 4)

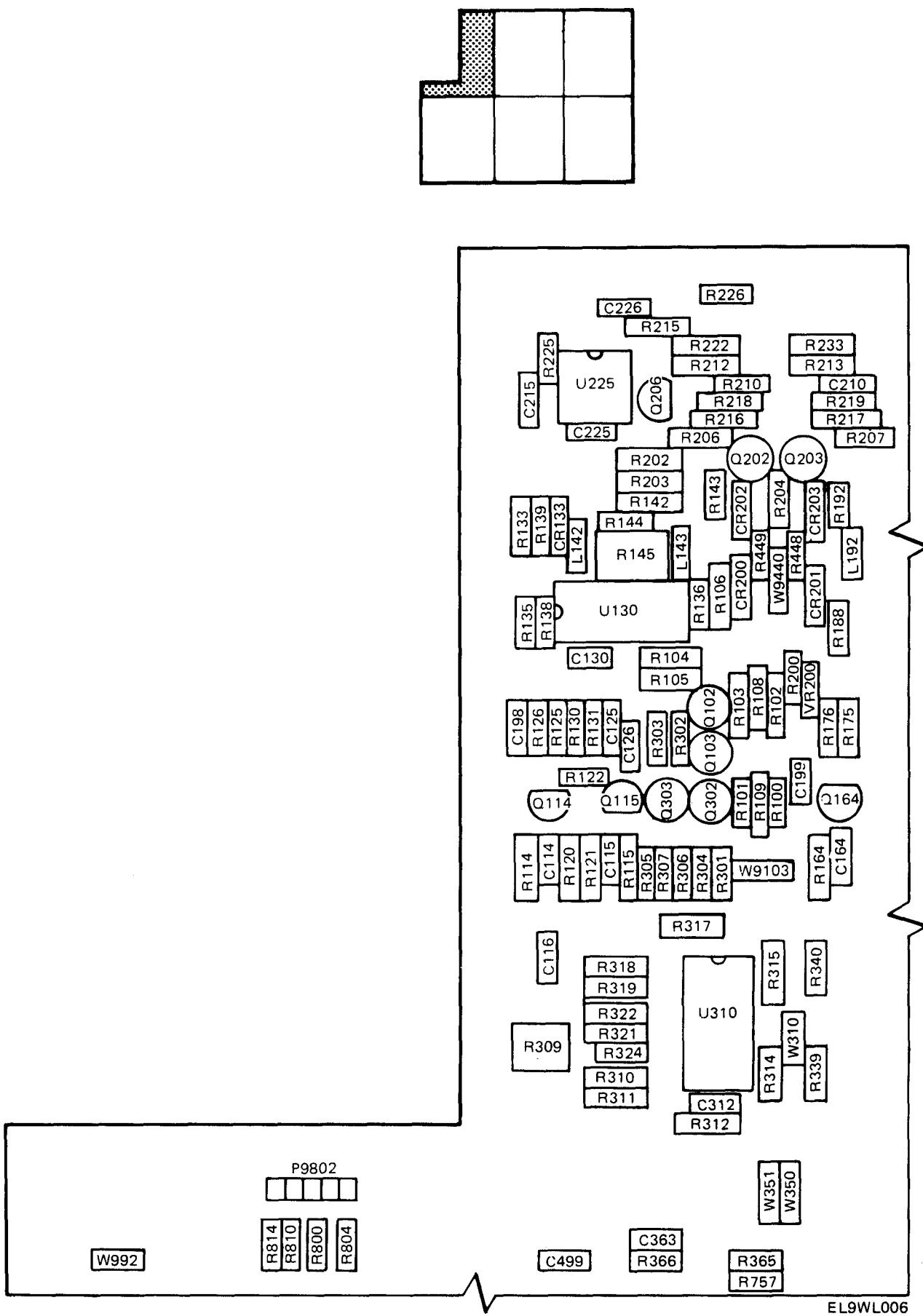
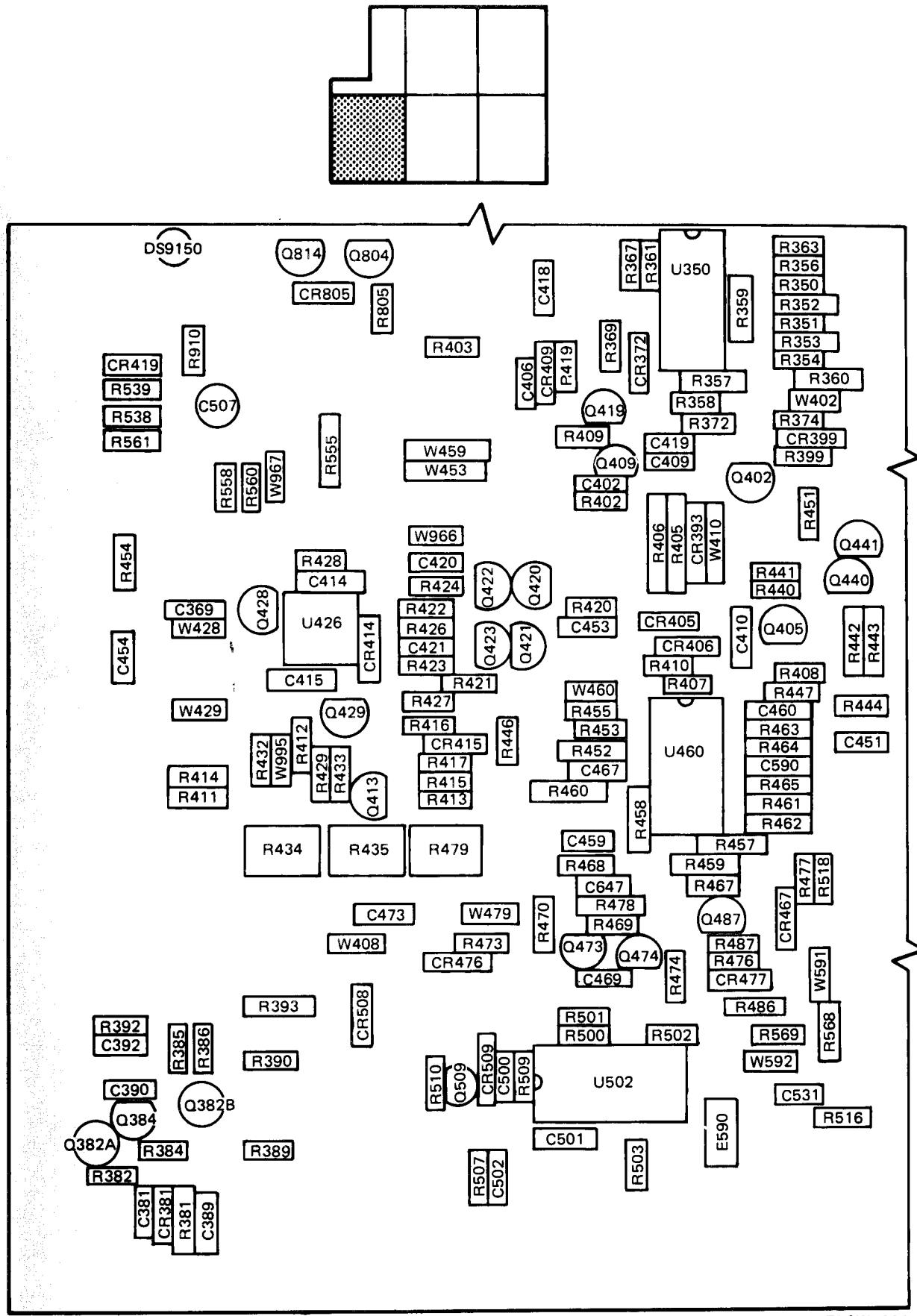


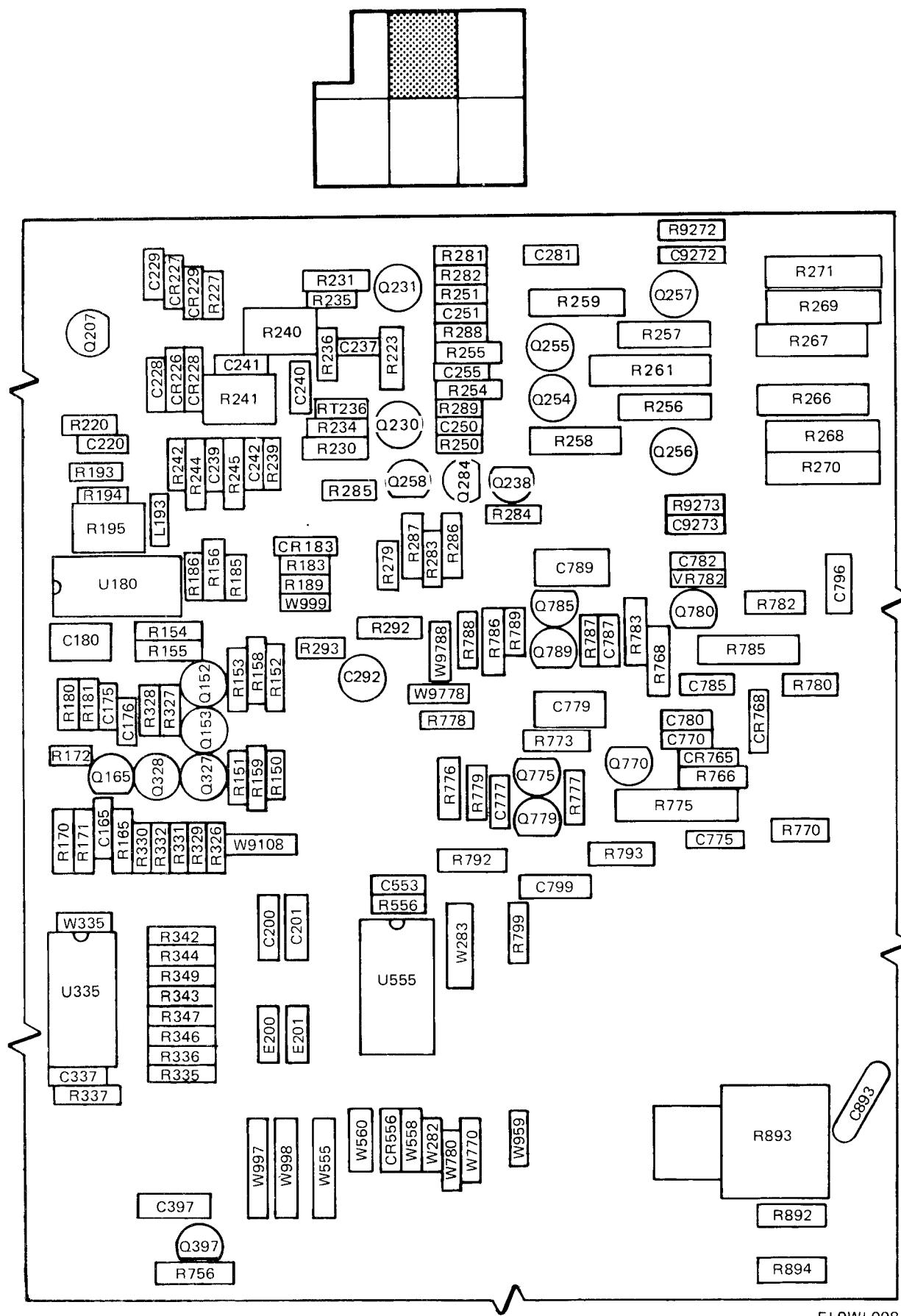
Figure 2. Circuit Card Assembly A1 (Sheet 1 of 11)



EL9WL007

Figure 2. Circuit Card Assembly A1 (Sheet 2 of 11)

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EL9WL008

Figure 2. Circuit Card Assembly A1 (Sheet 3 of 11)

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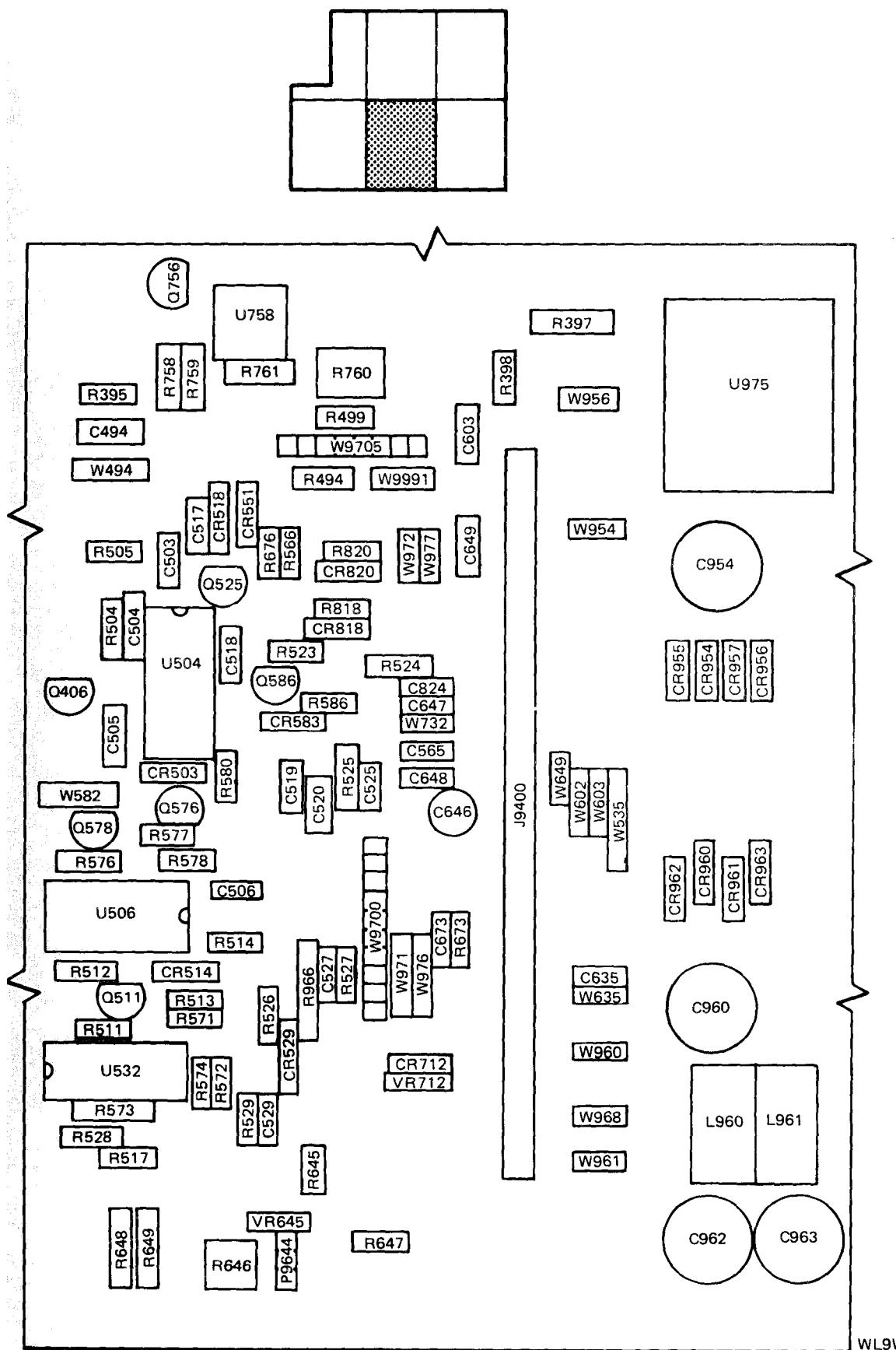
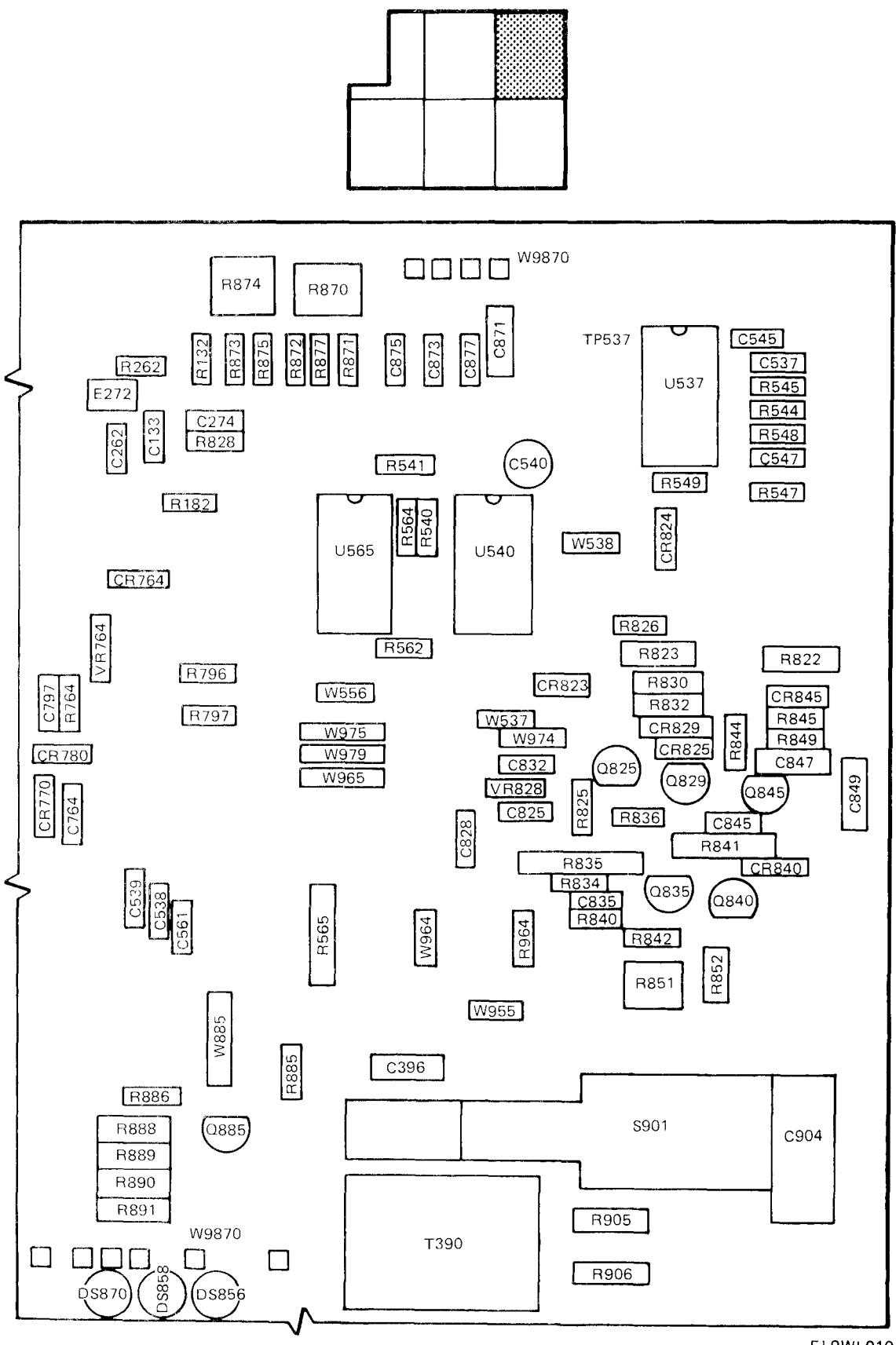
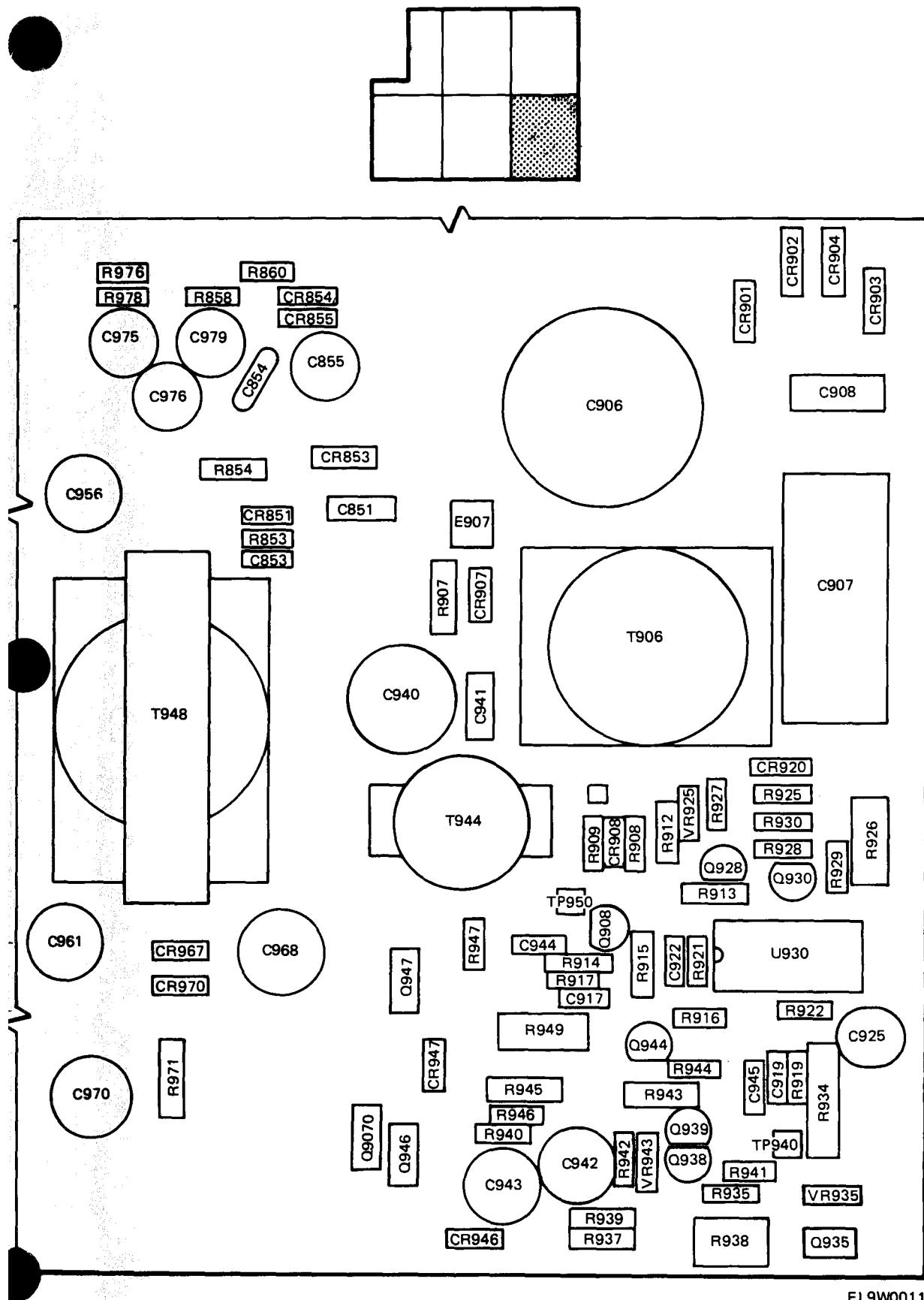


Figure 2. Circuit Card Assembly A1 (Sheet 4 of 11)



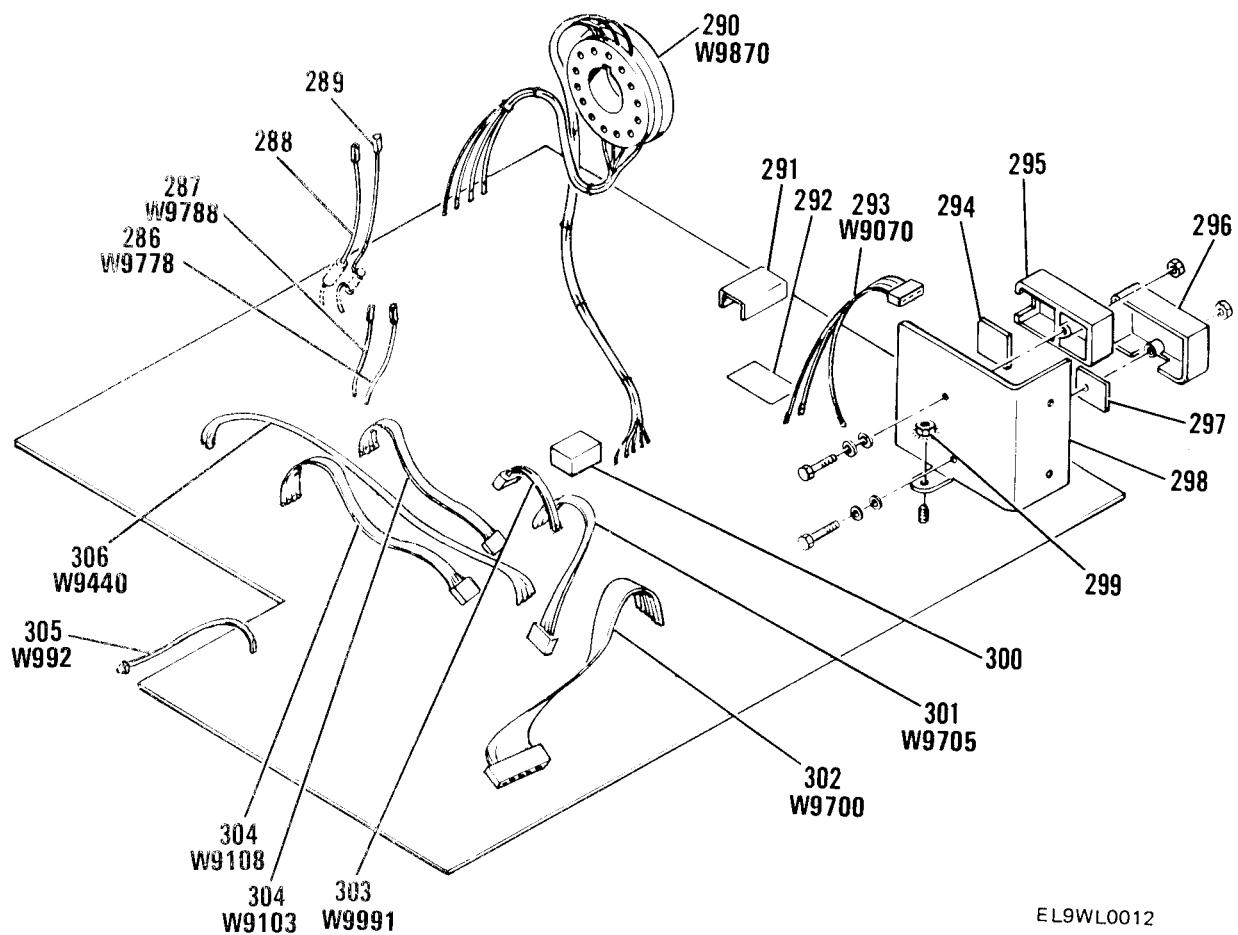
EL9WL010

Figure 2. Circuit Card Assembly A1 (Sheet 5 of 11)



EL9W0011

Figure 2. Circuit Card Assembly A1 (Sheet 6 of 11)



EL9WL0012

Figure 2. Circuit Card Assembly A1 (Sheet 7 of 11)

REFERENCE DESIGNATION-TO-ITEM NUMBER TABLE

REF DES	ITEM								
A1R906	236	A1R941	175	A1U335	262	A1W335	285	A1W732	285
A1R907	237	A1R942	175	A1U350	263	A1W350	285	A1W770	285
A1R908	108	A1R943	248	A1U426	264	A1W351	285	A1W780	285
A1R909	238	A1R944	175	A1U460	265	A1W402	285	A1W885	285
A1R910	194	A1R945	249	A1U502	266	A1W408	285	A1W954	285
A1R912	239	A1R946	144	A1U504	267	A1W410	285	A1W955	285
A1R913	240	A1R947	144	A1U506	268	A1W428	285	A1W956	285
A1R914	241	A1R949	250	A1U532	269	A1W429	285	A1W959	285
A1R915	240	A1R964	251	A1U537	270	A1W453	285	A1W960	285
A1R916	242	A1R966	251	A1U540	271	A1W459	285	A1W961	285
A1R917	243	A1R971	252	A1U555	272	A1W460	285	A1W964	285
A1R919*	122	A1R976	173	A1U565	273	A1W479	285	A1W965	285
A1R919*	176	A1R978	173	A1U758	274	A1W494	285	A1W966	285
A1R919*	207	A1R9272	253	A1U930	275	A1W535	285	A1W967	285
A1R921	243	A1R9273	253	A1U975	276	A1W537	285	A1W968	285
A1R922	179	A1RT236	254	A1VR200	277	A1W538	285	A1W971	285
A1R925	195	A1S901	255	A1VR645	278	A1W555	285	A1W972	285
A1R926	244	A1T390	256	A1VR712	279	A1W556	285	A1W974	285
A1R927	185	A1T906	257	A1VR764	280	A1W558	285	A1W975	285
A1R928	221	A1T944	258	A1VR782	281	A1W560	285	A1W976	285
A1R929	108	A1T948	259	A1VR828	282	A1W582	285	A1W977	285
A1R930	185	A1TP940	68	A1VR925	283	A1W591	285	A1W979	285
A1R934	245	A1TP950	68	A1VR935	284	A1W592	285	A1W992	285
A1R935	166	A1U130	260	A1VR943	278	A1W602	285	A1W995	285
A1R937	246	A1U180	260	A1W282	285	A1W603	285	A1W997	285
A1R938	126	A1U225	261	A1W283	285	A1W635	285	A1W998	285
A1R939	247	A1U310	262	A1W310	285	A1W649	285	A1W999	285
A1R940	179								

EL9WL0016

* RESISTOR A1R919 VALUE SELECTED DURING TEST, AND MAY BE ITEM 122, 176, OR 207

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODE (UOC)	QTY

GROUP 01 CIRCUIT CARD ASSEMBLY A1

FIG 2

1	PAHZZ	DD81349	M39014/05-2228	CAPACITOR, FIXED, CER	6
2	PAHZZ	04222	MA101C102MAR	CAPACITOR, FIXED, CER	25
3	PAHZZ	80009	281-0772-00	CAPACITOR, FIXED, CER	8
4	PAHZZ	59660	805534Y5D0152J	CAPACITOR, FIXED, CER	2
5	PAHZZ	51642	T150-050NP0180J	CAPACITOR, FIXED, CER	1
6	PAHZZ	04222	MA101A680KAA	CAPACITOR, FIXED, CER	3
7	PAHZZ	80009	281-0140-//	CAPACITOR, VARIABLE	2
8	PAHZZ	56289	173D225X0020V	CAPACITOR, FIXED, ELE	3
9	PAHZZ	80009	281-0500-00	CAPACITOR, FIXED, CER	1
10	PAHZZ	00853	D155F191F0	CAPACITOR, FIXED, MIC	2
11	PAHZZ	54583	MA12C0G2A121J	CAPACITOR, FIXED, CER	1
12	PAHZZ	59660	301-000C0G0220K	CAPACITOR	1
13	PAHZZ	04222	MA101A510JAA	CAPACITOR, FIXED, CER	1
14	FAHZZ	81349	M39014/05-2237	CAPACITOR, FIXED, CER	2
15	PAHZZ	80009	281-0768-00	CAPACITOR, FIXED, CER	3
16	PAHZZ	04222	MA201C103KAA	CAPACITOR, FIXED, CER	10
17	PAHZZ	80009	281-0775-00	CAPACITOR, FIXED, CER	19
18	PCHZZ	55680	ULA1A220TEA	CAPACITOR, FIXED, ELE	4
19	PAHZZ	04222	MA101A4R7DAA	CAPACITOR, FIXED, CER	2
20	PAHZZ	72136	DM15CD16R8D04CR	CAPACITOR, FIXED, MIC	1
21	PAHZZ	04222	5R305SE474MAA	CAPACITOR, FIXED, CER	1
22	PAHZZ	81349	M39014/02-1350	CAPACITOR, FIXED, CER	1
23	PAHZZ	56289	1C20C0G332J100B	CAPACITOR, FIXED, CER	1
24	PAHZZ	56289	173D335X9015V	CAPACITOR, FIXED, ELE	5
25	PAHZZ	04222	MA101A181JAA	CAPACITOR, FIXED, CER	1
26	PAHZZ	96733	R3207	CAPACITOR, FIXED, CER	2
27	PAHZZ	04222	MA101A3R9DAA	CAPACITOR, FIXED, CER	1
28	PAHZZ	90201	TAC105K035P02	CAPACITOR, FIXED, ELE	2
29	PAHZZ	04222	GC101C182KAA	CAPACITOR, FIXED, CER	2
30	PAHZZ	04222	MA101A6R8DAA	CAPACITOR, FIXED, CER	1
31	PAHZZ	04222	MA101A150KAA	CAPACITOR, FIXED, CER	2
32	PAHZZ	59660	855-XXX5E0222J	CAPACITOR, FIXED, CER	1
33	PAHZZ	80031	2502A0R503VP02F0	CAPACITOR, VARIABLE	2
34	PAHZZ	20932	202EL200AT222K	CAPACITOR, FIXED, CER	3
35	PAHZZ	19396	223K02PT485	CAPACITOR, FIXED, PLA	2
36	PAHZZ	56289	2C20Z5U104Z200B	CAPACITOR, FIXED, CER	6
37	PAHZZ	0422	MA101A271KAA	CAPACITOR, FIXED, CER	1
38	PAHZZ	59660	878521SY5S102M	CAPACITOR, FIXED, CER	2
39	PAHZZ	56289	430P582	CAPACITOR, FIXED, PLA	4
40	PAHZZ	60935	158/.068/M/250/H	CAPACITOR, FIXED, PLA	1
41	PAHZZ	56289	17D1149	CAPACITOR, FIXED, ELE	1
42	PAHZZ	14752	230B1E105K	CAPACITOR, FIXED, PLA	1
43	PAHZZ	80009	283-0481-00	CAPACITOR, FIXED, CER	1
44	PAHZZ	55680	ULB1E101MEA	CAPACITOR, FIXED, ELE	1
45	PAHZZ	55680	ULB1E102TFAANA	CAPACITOR, FIXED, ELE	1
46	PAHZZ	54473	ECE-A100V10L	CAPACITOR, FIXED, ELE	2
47	PAHZZ	55680	UHC2C330TFA	CAPACITOR, FIXED, ELE	1
48	PAHZZ	90201	VPR271N040E1E1C	CAPACITOR, FIXED, ELE	1

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
49	PAHZZ	90201	VPX841N012E1E1C	CAPACITOR, FIXED, ELE	6
50	PAHZZ	59660	0301-080COJ0339C	CAPACITOR, FIXED, CER	2
51	PAHZZ	80009	152-0141-02	SEMICONDUCTOR DEVIC	47
52	PAHZZ	14433	G866	SEMICONDUCTOR DEVIC	1
53	PAHZZ	07263	FDH5004	SEMICONDUCTOR DEVIC	4
54	PAHZZ	81349	JAN1N3191	SEMICONDUCTOR DEVIC	4
55	PAHZZ	12969	UES1106	RECTIFIER, SEMICONDU	1
56	PAHZZ	07263	FDH2161	SEMICONDUCTOR DEVIC	1
57	PAHZZ	12969	UTR308	SEMICONDUCTOR DEVIC	8
58	PAHZZ	12969	UTR307	SEMICONDUCTOR DEVIC	2
59	PAHZZ	04713	1N5817	SEMICONDUCTOR DEVIC	2
60	PAHZZ	43944	A1B-3	LAMP, GLOW	3
61	PAHZZ	50434	HLMP3910	LIGHT EMITTING DIOD	1
62	PAHZZ	34899	2743001111	CORE, ELECTROMAGNET	3
63	PAHZZ	02114	56-590-65/4A6	CORE, ELECTROMAGNET	1
64	PAHZZ	56880	J41405-TC	CORE, ELECTROMAGNET	1
65	PAHZZ	00779	5-3809509	CONNECTOR, RECEPTACL	3
66	PAHZZ	80009	108-0420-00	COIL, RADIO FREQUENC	4
67	PAHZZ	02113	B8724	COIL, RADIO FREQUENC	2
68	PAHZZ	22526	48283-036	TERMINAL, STUD	3
69	PAHZZ	22526	48283-029	CONTACT, ELECTRICAL	7
70	PAHZZ	04713	SPS8223	TRANSISTOR	10
71	PAHZZ	80131	2N3904	TRANSISTOR	8
72	PAHZZ	04713	SRF 518	TRANSISTOR	2
73	PAHZZ	01295	SKA6664	TRANSISTOR	2
74	PAHZZ	04713	SPS8236	TRANSISTOR	2
75	PAHZZ	01281	LT4403	TRANSISTOR	4
76	PAHZZ	04713	SPS8317	TRANSISTOR	1
77	PAHZZ	04713	SPS8608M	TRANSISTOR	4
78	PAHZZ	17856	J2012	SEMICONDUCTOR DEVIC	1
79	PAHZZ	04713	SPS8224	TRANSISTOR	7
80	PAHZZ	04713	SPS6868	TRANSISTOR	6
81	PAHZZ	04713	SPS6866K	TRANSISTOR	5
82	PAHZZ	04713	SPS8246	TRANSISTOR	3
83	PAHZZ	80009	151-0276-00	TRANSISTOR	4
84	PAHZZ	04713	SPS8802-1	TRANSISTOR	1
85	PAHZZ	27014	T07391E2	TRANSISTOR	3
86	PAHZZ	80009	151-0347-00	TRANSISTOR	3
87	PAHZZ	04713	SPS6700	TRANSISTOR	3
88	PAHZZ	80009	151-0443-00	TRANSISTOR	1
89	PAHZZ	80009	151-0164-00	TRANSISTOR	2
90	PAHZZ	03508	C106B2X283	DIODE	1
91	PAHZZ	04713	SJE389	TRANSISTOR	2
92	PAHZZ	04713	MPT3N40	TRANSISTOR	1
93	PAHZZ	01121	CB4305	RESISTOR, FIXED, COMP	4
94	PAHZZ	81349	RNC55H4020FS	RESISTOR, FIXED, FILM	4
95	PAHZZ	81349	RNC55K1100FS	RESISTOR, FIXED, FILM	4
96	PAHZZ	91637	MFF1816G464R0F	RESISTOR, FIXED, FILM	2
97	PAHZZ	8009	321-0223-0	RESISTOR, FIXED, FILM	2
98	PAHZZ	91637	CMP55116G19600F	RES, FXD, FILM	2
99	PAHZZ	91637	CMF55116G21500F	RES, FXD, FILM	4
100	PAHZZ	91637	MFF1816G187R0F	RESISTOR, FIXED, FILM	4

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
101	PAHZZ	81349	RCR07G820JS	RESISTOR, FIXED, COMP	2
102	PAHZZ	81349	RCR07G242JS	RESISTOR, FIXED, COMP	3
103	PAHZZ	81349	RCR07G182GS	RESISTOR, FIXED, COMP	6
104	PAHZZ	81349	RCR07G510JS	RESISTOR, FIXED, COMP	4
105	PAHZZ	01121	CB5115	RESISTOR, FIXED, COMP	6
106	PAHZZ	81349	RCR07G111JS	RESISTOR, FIXED, COMP	2
107	PAHZZ	81349	RCR07G101JS	RESISTOR, FIXED, COMP	23
108	PAHZZ	81349	RCR07G302JS	RESISTOR, FIXED, COMP	5
109	PAHZZ	81349	RCR07G471JS	RESISTOR, FIXED, COMP	6
110	PAHZZ	73138	72-27-0	RESISTOR, VARIABLE, N	2
111	PAHZZ	81349	RCR07G911JS	RESISTOR, FIXED, COMP	6
112	PAHZZ	81349	RNC60K6980FS	RESISTOR, FIXED, FILM	2
113	PAHZZ	81349	RNC55K82R5FS	RESISTOR, FIXED, FILM	1
114	PAHZZ	91637	MFF1816G274R0F	RESISTOR, FIXED, FILM	2
115	PAHZZ	01121	CB4315	RESISTOR, FIXED, COMP	6
116	PAHZZ	91637	CMF55116G76R80F	RESISTOR, FIXED, FILM	5
117	PAHZZ	81349	RNC55K2490FS	RESISTOR, FIXED, FILM	1
118	PAHZZ	81349	RNC55K4870FS	RESISTOR, FIXED, FILM	2
119	PAHZZ	81349	RNC55H1130FS	RESISTOR, FIXED, FILM	2
120	PAHZZ	01121	CB33G5	RESISTOR, FIXED, COMP	3
121	PAHZZ	81349	RNC55K2002FS	RESISTOR, FIXED, FILM	3
122	PAHZZ	80031	5043CX10K00J	RESISTOR, FIXED, COMP RESISTOR R919 SELECTED BY TEST	3
123	PAHZZ	81349	RCR07G221JS	RESISTOR, FIXED, COMP	13
124	PAHZZ	81349	RCR07G360JS	RESISTOR, FIXED, COMP	2
125	PAHYZZ	81349	RCR07G821JS	RESISTOR, FIXED, COMP	3
126	PAHZZ	73138	72-23-0	RESISTOR, VARIABLE, N	2
127	PAHZZ	32997	3386X-T07-102	RESISTOR, VARIABLE, N	2
128	PAHZZ	81349	RCR07G273JS	RESISTOR, FIXED, COMP	1
129	PAHZZ	81349	RNC55K6040FS	RESISTOR, FIXED, FILM	2
130	PAHZZ	91637	MFF1816G137R0F	RESISTOR, FIXED, FILM	2
131	PAHZZ	75042	CEETO-6490F	RES, FWD, FILM	2
132	PAHZZ	81349	RNC60K7320FS	RESISTOR, FIXED, FILM	2
133	PAHZZ	91637	CMF65116G39R20F	RES, FWD, FILM	1
134	PAHZZ	81349	RCR07G151JS	RESISTOR, FIXED, COMP	1
135	PAHZZ	75042	CECTO-1500F	RESISTOR, FIXED, FILM	6
136	PAHZZ	81349	RCR07G223JS	RESISTOR, FIXED, COMP	2
137	PAHZZ	81349	RCR07G752JS	RESISTOR, FIXED, COMP	1
138	PAHZZ	80009	315-0621-00	RESISTOR	1
139	PAHZZ	01121	CB5615	RESISTOR, FIXED, COMP	5
140	PAHZZ	91637	CMF55116G49R90F	RESISTOR, FIXED, FILM	2
141	PAHZZ	81349	RNC55K7150FS	RESISTOR, FIXED, FILM	1
142	PAHZZ	81349	RCR07G620JS	RESISTOR, FIXED, COMP	2
143	PAHZZ	81349	RCR07G152JS	RESISTOR, FIXED, COMP	6
144	PAHZZ	81349	RCR07G470JS	RESISTOR, FIXED, COMP	15
145	PAHZZ	32997	3352T-CK5-501	RESISTOR, VARIABLE, W	1
146	PAHZZ	81349	RNC55K1021FS	RESISTOR, FIXED, FILM	3
147	PAHZZ	81349	RNC55J1000FS	RESISTOR, FIXED, FILM	2
148	PAHZZ	81349	RNC55K5760FS	RESISTOR, FIXED, FILM	4
149	PAHZZ	81349	RNC60K1821FS	RESISTOR, FIXED, FILM	2
150	PAHZZ	91637	CMF55116G10000F	RESISTOR, FIXED, FILM	2
151	PAHZZ	81349	RNR60C1581FS	RESISTOR, FIXED, FILM	3

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
306	PAHZZ	80009	175-6141-00	CABLE ASSEMBLY, SPEC	1

END OF FIGURE

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	NATIONAL STOCK NUMBER INDEX		FIG.	ITEM
	FIG.	ITEM		
5910-01-189-9228	2	25		
5910-01-191-9817	2	29		
5961-01-192-0077	2	70		
5961-01-192-1602	2	79		
6625-01-197-1938	1	56		

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER INDEX				
FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
56289	430P582		2	39
05129	461-S-70	5355-01-005-4089	1	28
22526	48283-029	5999-00-275-0213	2	69
22526	48283-036	5940-01-159-2407	2	68
00779	5-3809509		2	65
04222	5R305SE474MAA		2	21
54937	5002573		2	257
80031	5043CX10K00J	5905-01-132-1353	2	122
19701	5043CX510K0J		2	242
02114	56-590-65/4A6	5950-00-443-9512	2	63
80009	670-7615-00		1	42
80009	670-8404-00	6625-01-197-1938	1	56
80009	670-8405-00		1	57
80009	670-8406-00		1	58
80009	670-8407-00		1	23
80009	670-8418-00		1	13
80009	670-8444-00		1	60
80009	670-8819-00		1	24
80009	672-0111-00		1	38
73138	72-23-0	5905-01-013-1415	2	126
73138	72-27-0	5905-00-556-2944	2	110
07263	74LS74A		2	271
59660	805534Y5D0152J		2	4
59660	855-XXX5E0222J	5910-00-465-9742	2	32
59660	878521SY5S102M		2	38
07263	96LS02		2	267
77820	9663-1 NT-34	5935-01-147-3771	1	63

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PUBLICATION DATE

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|----------|------------|-----------|----------|--|
| 33 | | | | For item 2, change the NSN to read: 5835-00-134-9186.
<u>Reason:</u> Accuracy. |
| 44 | | 19 | | Identify the cover on the junction box (item no. 5).
<u>Reason:</u> It is a separate item and is not called out on figure 19. |
| 45 | | | | Add the cover of the junction box as an item in the listing for figure 19.
<u>Reason:</u> Same as above |

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