



**TECHNICAL MANUAL**

**GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL  
TOOLS LISTS  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL  
TOOLS)  
FOR**

**VOLTMETER, ELECTRONIC AN/USM-98B**

**(NSN 6625-00-753-2115)**

**This copy is a reprint which includes current pages  
from Change 1.**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**4 DECEMBER 1980**

CHANGE }  
No. 1 }

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON DC, *13 April 1981*

**General Support Maintenance Repair Parts and  
Special Tools Lists  
(Including Depot Maintenance Repair Parts and Special Tools)  
For  
VOLTMETER, ELECTRONIC AN/USM-98B  
(NSN 6625-00-753-2115)**

TM 11-6625-599-40P-2, 4 December 1980, is changed as follows:

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2. File this transmittal sheet in front of the manual for future reference.

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NG: State AG (3)

USAR: None

For explanation of abbreviations used see, AR 310-50.

**GENERAL SUPPORT MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS LISTS  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS)  
FOR  
VOLTMETER, ELECTRONIC ANIUSM-98B  
(NSN 6625-00-753-2115)**

**Current as of 1 May 1980**

**REPORTING 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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to Commander, U.S. Army Missile Command, ATTN: AMSMI-MMC-LS-LP, Redstone Arsenal, AL 35898-5238. A reply will be furnished to you. You may also send in your comments electronically to our e-mail address: ls-lp@redstone.army.mil or by fax 205-842-6546/DSN 788-6546.

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\*This manual supersedes TM 11-6625-599-40P-2, 13 December 1977.

# SECTION I

## INTRODUCTION

### 1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of general support maintenance of the AN/USM-98B. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance 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 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 numeric sequence, with the parts in each group listed in figure and item number sequence.

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 numbers (NSN) appearing in the listings, followed by a list, in alphameric 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

a. *Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. *Source, Maintenance, and Recoverability (SMR) Codes.*

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA--	Item procured and stocked for anticipated or known usage.
XD--	A support item that is not stocked. When required, item will be procured through normal supply channels.

### NOTE

**Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.**

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
O--	Support item is removed, replaced, used at the organizational level.
H--	Support item is removed, replaced, used at the general support level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
H--	The lowest maintenance level capable of complete repair of the support item is the general support level.
Z--	Nonreparable. No repair is authorized.

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

Recoverability codes	Definition
Z--	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
H--	Rearable item. When uneconomically repairable, condemn and dispose at the general support level.
D--	Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

c. *National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. *Part Number.* 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 a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.**

e. *Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, of Government agency, etc.

f. *Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

g. *Unit of Measure (U/M).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. *Quantity Incorporated in Unit.* 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.

#### 4. Special Information

The following publications pertain to the AN/USM-98B and its components:

TM 11-6625-599-12, Voltmeters, Electronic AN/USM-98A and AN/USM-98B

TM 11-6625-599-20P-2, Voltmeter, Electronic AN/USM-98B

TM 11-6625-599-45, Voltmeters, Electronic AN/USM-98A and AN/USM-98B

#### 5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

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

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

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

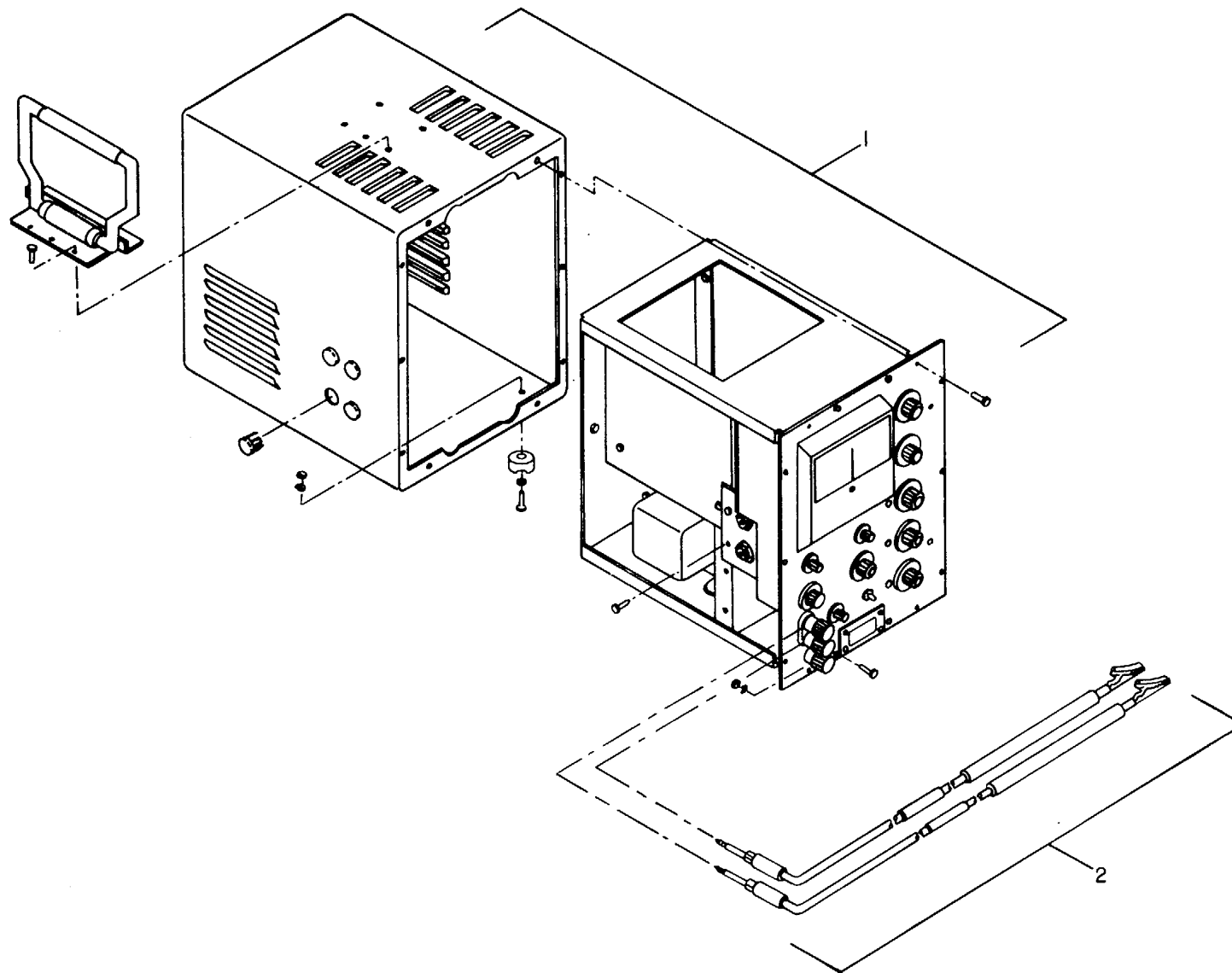
(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

#### 6. Abbreviations

Not applicable.

(Next printed page is 4)



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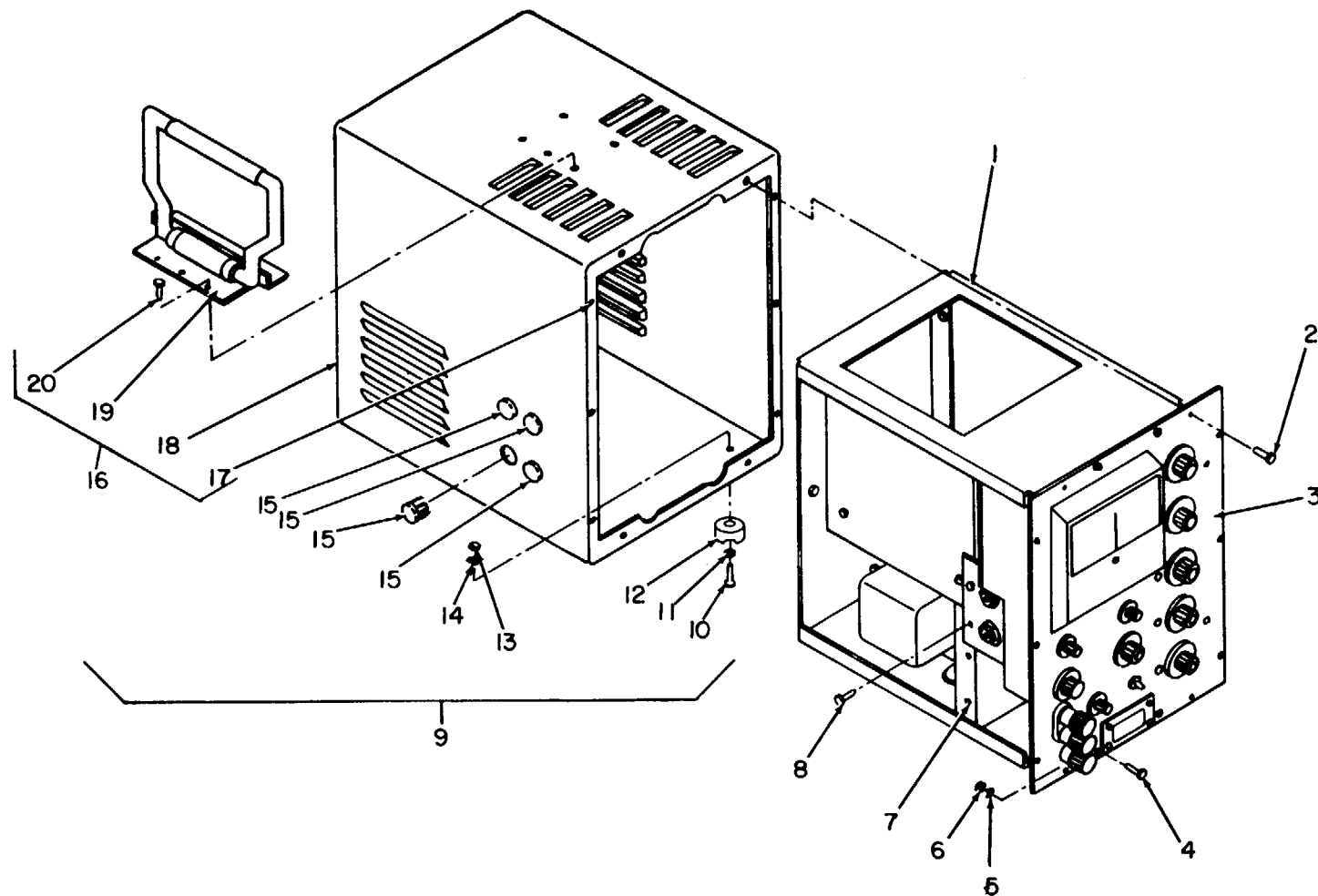
Figure 1. Voltmeter, Electronic AN/USM-98B.

SECTION II

TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
1	1	XDHZZ		SM0604976	80063	GROUP 00 VOLTMETER, ELECTRONIC AN/USM-96B VOLTMETE .....	EA	1
1	2	XDHHH	6625-00-390-5716	CX1331U	80058	LEAD SET, TEST .....	EA	1





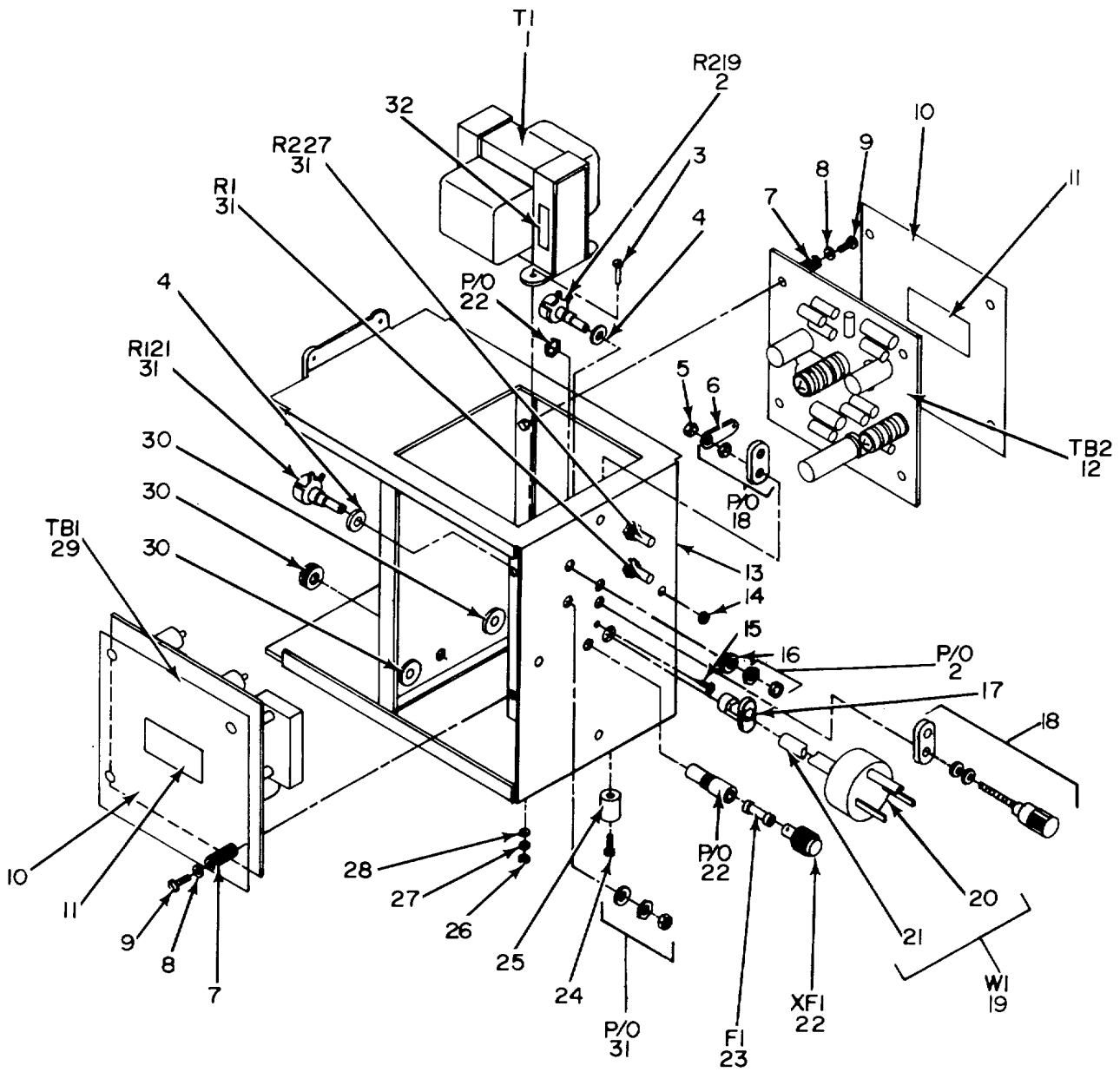
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Figure 2. Voltmeter, Electronic ME-161B/U.

SECTION II

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 01 VOLTMETER, ELECTRONIC ME-161B/U		
2	1	XDHHH		SMC604977	80063	BOARD ASSEMBLY, PRIN.....	EA	1
2	2	PAHZZ	5305-00-054-6668	MS51957-43	96906	SCREW, MACHINE .....	EA	12
2	3	XDHHH		SMC604978	80063	PANEL & BRACKET .....	EA	1
2	4	XDHZZ		SMB605023-1	80063	SCREW, MACHINE .....	EA	4
2	5	PAHZZ	5310-00-011-1041	M535338-79	96906	WASHER .....	EA	6
2	6	PAHZZ	5310-00-934-9761	MS35649-264	96906	NUT, PLAIN, HEXAGON.....	EA	4
2	7	XDHHH		SMD604984	80063	CHASSIS, ELECTRICAL .....	EA	1
2	8	PAHZZ	5305-00-054-6650	MS51957-26	96906	SCREW, MACHINE .....	EA	2
2	9	XDHHH		SMC604983	80063	CASE ASSEMBLY .....	EA	1
2	10	PAOZZ	5305-00-054-6652	MS51957-28	96906	SCREW, MACHINE .....	EA	4
2	11	PAOZZ	5310-00-722-5998	MS15795-805	96906	WASHER, FLAT .....	EA	4
2	12	PAOZZ	5307-00-075-4212	1320	26344	STUD.....	EA	4
2	13	PAOZZ	5310-00-934-9761	M535649-264	96906	NUT, PLAIN, HEXAGON.....	EA	4
2	14	PAOZZ	5310-00-011-1041	MS35338-79	96906	WASHER .....	EA	4
2	15	XDHZZ		SCA47791	80063	BUTTON PLUG.....	EA	4
2	16	XDHZZ		SMD605004	80063	CASE, CARRYING.....	EA	1
2	17	PAHZZ	5310-00-680-4919	CL632-2C	46384	NUT, PLAIN, CLINCH .....	EA	10
2	18	XDHZZ		SMD605004-1	80063	CASE.....	EA	1
2	19	XDHZZ		HA945AL2RG	98003	HANDLE .....	EA	1
2	20	PAHZZ	5320-00-117-6850	MS20470AD6-5	96906	RIVET, SOLID .....	EA	5



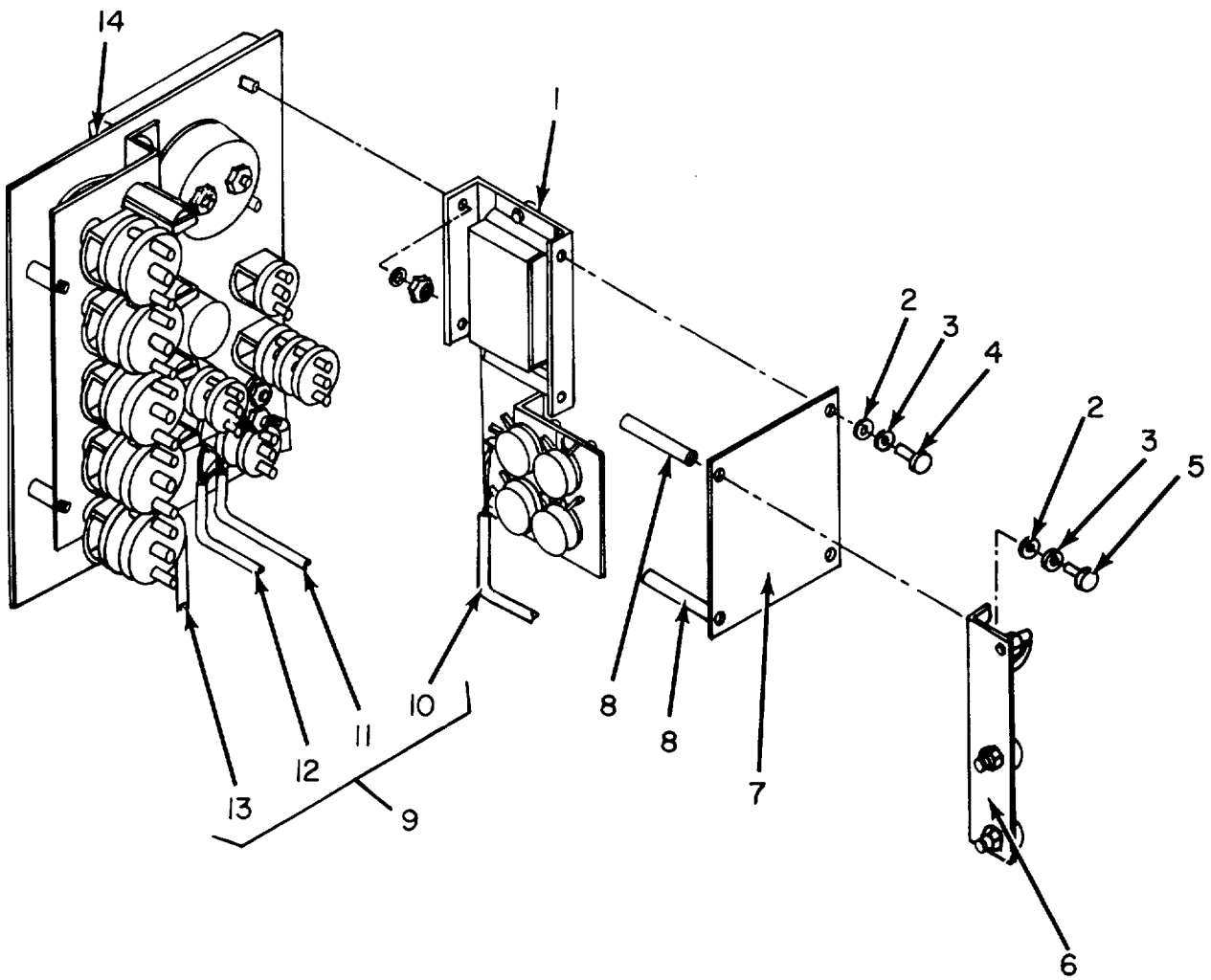
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Figure 3. Voltmeter, Electronic ME-161B/U, Chassis Electrical Equipment.

## SECTION II

TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
3	1	PAHZZ	5950-00-242-2492	MH52418	533421	TRANSFORMER, POWER .....	EA	1
3	2	PAHZZ	5905-00-577-3655	RA20LASB100A	81349	RESISTOR, VARIABLE .....	EA	1
3	3	PAHZZ	5305-00-054-6670	MS51957-45	96906	SCREW, MACHINE .....	EA	4
3	4	PAHZZ	5330-00-481-9104	2157	83330	RETAINER, PACKING .....	EA	1
3	5	PAHZZ	5310-00-934-9761	MS35649-264	96906	NUT, PLAIN, HEXAGON.....	EA	2
3	6	PAHZZ	5940-00-620-8424	MS35431-4	96906	TERMINAL, LUG.....	EA	2
3	7	XDHZZ		KEI-1102	54358	STANDOFF .....	EA	8
3	8	XDHZZ		KEI-1103	54358	WASHER, FLAT .....	EA	8
3	9	XDHZZ		KEI-1104	54358	SCREW, PLASTIC .....	EA	8
3	10	XDHZZ		KEI-1101	54358	COVER, PLASTIC.....	EA	2
3	11	XDHZZ		KEI-1106	54358	DECAL, 500V .....	EA	2
3	12	PAHHH	6625-01-032-4719	SM-D-604992	80063	CIRCUIT CARD ASSEMB.....	EA	1
3	13	XDHZZ		SMC604997	80063	CHASSIS, ELECTRICAL .....	EA	1
3	14	PAHZZ	5340-00-152-0803	C30395-832-4	78553	RETAINER, NUT AND BO .....	EA	4
3	15	PAHZZ	5305-00-054-6652	MSS1957-28	96906	SCREW, MACHINE .....	EA	1
3	16	PAHZZ	5310-00-582-3986	2169	83330	WASHER, FLAT.....	EA	1
3	17	XDHZZ		6R6P4	28520	BUSHING, STRAIN.....	EA	1
3	18	XDHZZ	5940-00-180-7845	263RR	83330	POST, BINDING, ELE.....	EA	1
3	19	XDHHH		SMB604995	80063	CABLE ASSY, POWE .....	EA	1
3	20	PAHZZ	5935-00-931-7490	UP221M	81349	CONNECTOR PLUG, ELEC .....	EA	1
3	21	XDHZZ		C003MFG3-1-0340	81349	CABLE, POWE .....	EA	1
3	22	PAHZZ	5920-00-556-0144	FHN20G	81349	FUSEHOLDER, EXTRA.....	EA	1
3	23	PAOZZ	5920-00-636-0963	F03B250V1A	81349	FUSE, CARTRIDGE.....	EA	1
3	24	PAOZZ	5305-00-054-6657	MS51957-33	96906	SCREW, MACHINE .....	EA	2
3	25	PAOZZ	5340-01-029-7427	SMB605029	80063	BUMPER, PLASTIC .....	EA	2
3	26	PAHZZ	5310-00-271-4645	MS35649-84	96906	NUT, PLAIN, HEXAGON.....	EA	4
3	27	PAHZZ	5310-00-880-5978	MS15795-307	96906	WASHER, FLAT .....	EA	4
3	28	PAHZZ	5310-00-054-1830	MS35338-80	96906	WASHER .....	EA	4
3	29	PAHHH	6625-01-032-4718	SM-D-604991	80063	CIRCUIT CARD ASSE8.....	EA	1
3	30	PAHZZ	5325-00-291-9366	MS35489-11	96906	GROMMET, RUBBER.....	EA	3
3	31	PAHZZ	5905-00-577-7341	RA20LASB502A	81349	RESISTOR, VARIABL.....	EA	3
3	32	XDHZZ		KEI-1107	54358	DECAL, 600V .....	EA	2



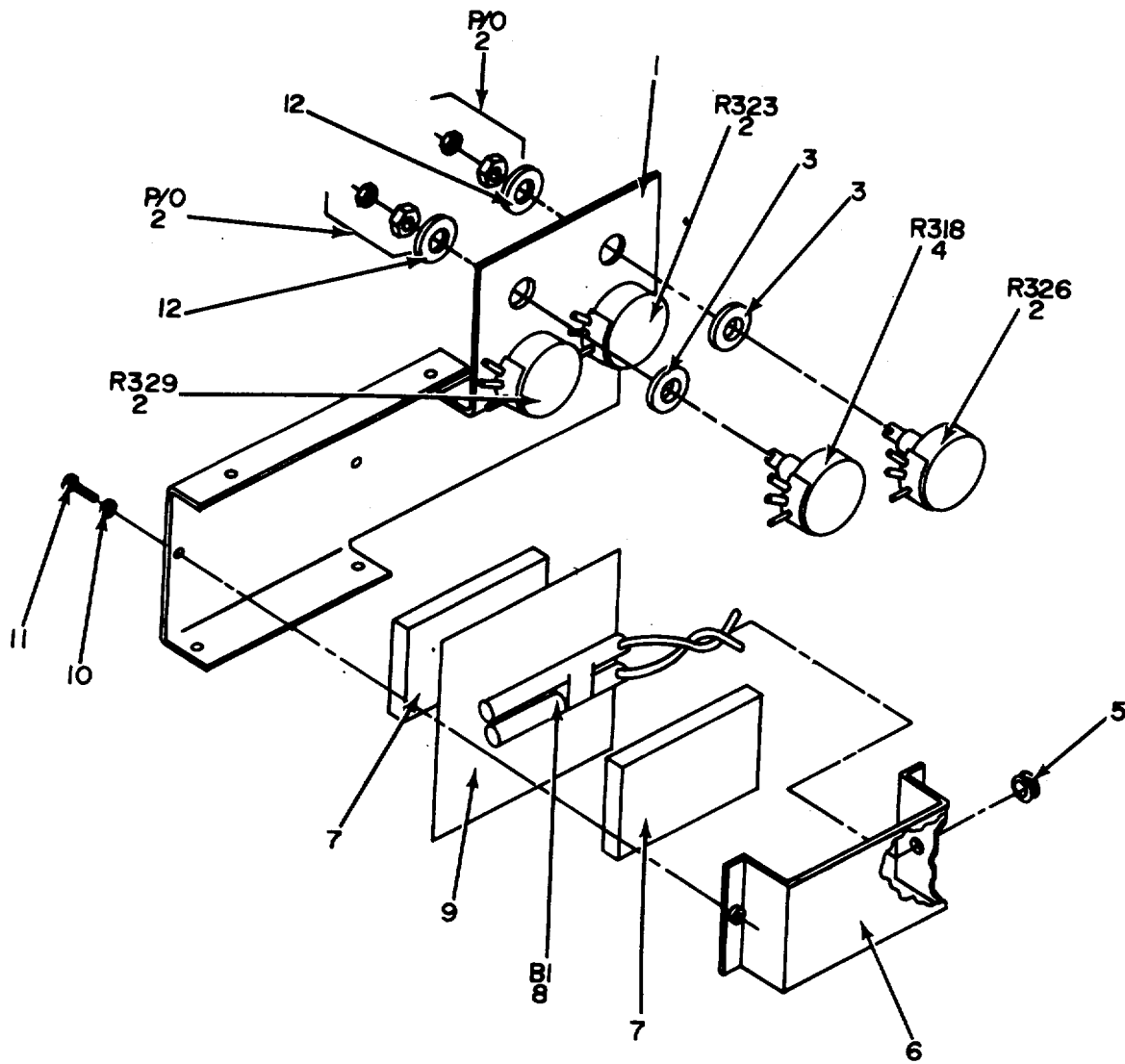
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Figure 4. Voltmeter, Electronic ME-161B/U, Panel and Bracket Assembly.

SECTION II

TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
4	1	XDHHH		SMC604981	80063	BRACKET ASSEMBLY .....	EA	1
4	2	PAHZZ	5310-00-722-5998	MS15795-805	96906	WASHER, FLAT .....	EA	4
4	3	PAHZZ	5310-00-011-1041	MS35338-79	96906	WASHER .....	EA	4
4	4	PAHZZ	5305-00-054-6650	MS51957-26	96906	SCREW, MACHINE .....	EA	2
4	5	XDHZZ		FFS92-6-32X2-1-2	81348	SCREW, MACHINE .....	EA	2
4	6	XDHHH		SMB604982	80063	BRACKET ASSEMBLY .....	EA	1
4	7	PAHHH	6625-01-032-4720	SM-D-604993	80063	CIRCUIT CARD ASS .....	EA	1
4	8	XDHZZ		SMB605926-3	80063	POST, ELEC-MECH .....	EA	2
4	9	XDHHH		SMD605036	80063	WIRING ASSEMBLY.....	EA	1
4	10	XDHZZ		SMC605011	80063	WIRING HARNES .....	EA	1
4	11	XDHZZ		SMD605009	80063	WIRING HARNES .....	EA	1
4	12	XDHZZ		SMD605010	80063	WIRING HARNES .....	EA	1
4	13	XDHZZ		SMB605020	80063	CABLE, POWER, ELEC .....	EA	1
4	14	XDHHH		SMD604979	80063	PANEL ASSEMBLY .....	EA	1



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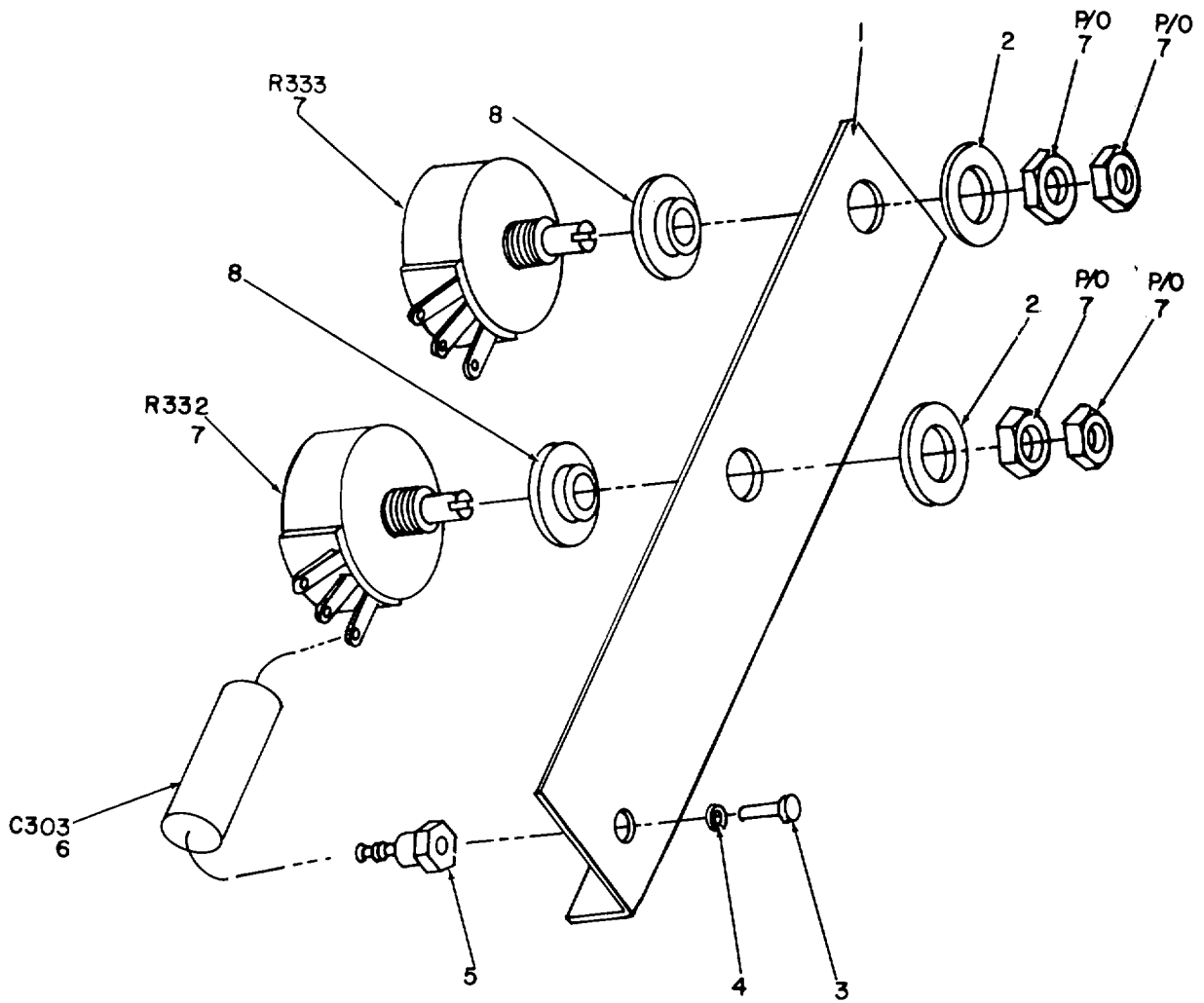
Figure 5. Voltmeter, Electronic ME-161B/U, Bracket Assembly, (SMC 604981).

SECTION II

TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
5	1	XDHZZ		SMB604999	80063	BRACKET, MARKED .....	EA	1
5	2	PAHZZ	5905-00-660-3641	RA20LASB501A	81349	RESISTOR, VARIABLE .....	EA	3
5	3	PAHZZ	5310-00-582-3986	2169	83330	WASHER, FLAT .....	EA	2
5	4	PAHZZ	5905-00-577-7341	RA20LASB502A	81349	RESISTOR, VARIABLE .....	EA	1
5	5	PAHZZ	5325-00-079-7237	2145	83330	GROMMET, PLASTIC .....	EA	1
5	6	XDHZZ		SMB605008	80063	BRACKET .....	EA	1
5	7	XDHZZ		5MB605031	80063	INSULATOR .....	EA	2
5	8	PAHZZ	6625-00-765-9549	MINI	20751	VOLTAGE STANDARD .....	EA	1
5	9	XDHZZ		1027-1	54358	THERMAL BARRIER .....	EA	1
5	10	PAHZZ	5310-00-011-1041	MS35338-79	96906	WASHER .....	EA	2
5	11	PAHZZ	5305-00-054-6650	MS51957-26	96906	SCREW, MACHINE . .....	EA	2
5	12	PAHZZ	5330-00-481-9104	2157	83330	RETAINER, PACKING .....	EA	2





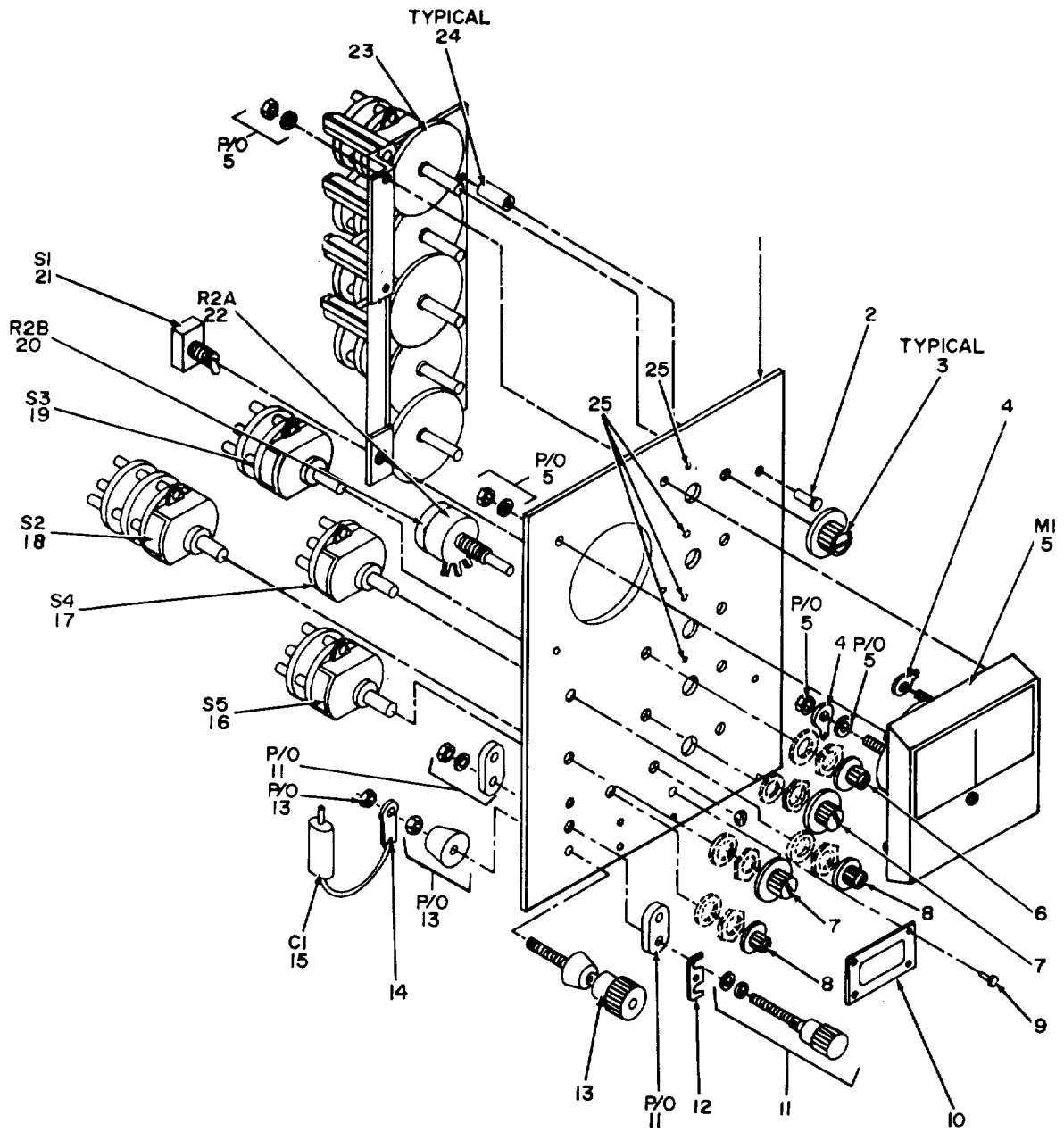
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Figure 6. Voltmeter, Electronic ME-161B/U, Bracket Assembly, (SMB604982).

SECTION II

TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
6	1	XDHZZ		SMB605000	80063	BRACKET, MARKED .....	EA	1
6	2	PAHZZ	5310-00-582-3986	2169	83330	WASHER, FLAT .....	EA	2
6	3	PAHZZ	5305-00-054-6649	MS51957-25	96906	SCREW, MACHINE .....	EA	1
6	4	PAHZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK.....	EA	1
6	5	XDHZZ	5940-00-234-2372	9020S6	186577	TERMINAL, STUD .....	EA	1
6	6	XDHZZ		CH08AINC225M	81349	CAPACITOR, FIXE.....	EA	1
6	7	PAHZZ	5905-00-577-7341	RA20LASB502A	81349	RESISTOR, VARIABLE .....	EA	2
6	8	PAHZZ	5330-00-481-9104	2157	83330	RETAINER, PACKING .....	EA	2



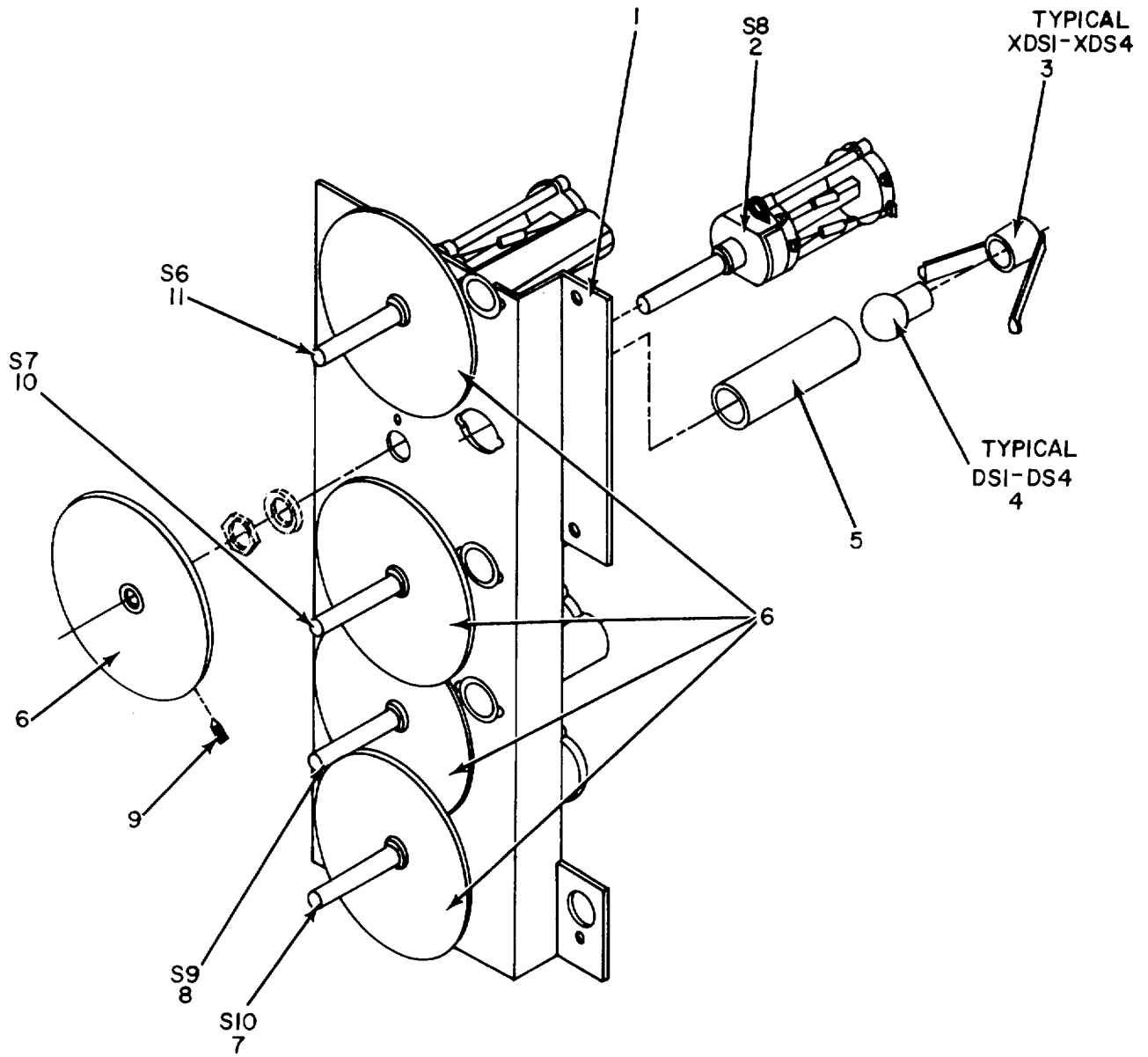
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Figure 7. Voltmeter, Electronic ME-161B/U, Panel Assembly.

SECTION II

TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODE		
7	1	XDHZZ		SMC604996	800631	PANEL, MARKED .....	EA	1
7	2	XDHZZ		SMB605023-1	80063	SCREW, MACHINE .....	EA	1
7	3	XDOZZ		MS91528C2G2B	96906	KNOB .....	EA	5
7	4	PAHZZ	5940-00-681-8184	MS35431-8	96906	TERMINAL, LUG .....	EA	2
7	5	XDHZZ		5347520100	80145	METER, ELECTRICAL .....	EA	1
7	6	XDOZZ		MS91528C1G28	96906	KNOB .....	EA	1
7	7	XDOZZ		MS91528C2F2B	96906	KNOB .....	EA	2
7	8	XDOZZ		MS91528C1F2B	96906	KNOB .....	EA	2
7	9	PAHZZ	5305-00-579-3029	MS35233-1	96906	SCREW, MACHINE .....	EA	4
7	10	XDHZZ		SMB605025	80063	PLAT .....	EA	1
7	11	XDHZZ	5940-00-180-7845	263RR	83330	POST, BINDING, ELE .....	EA	1
7	12	PAHZZ	6150-00-946-1639	327	83330	BUS, CONDUCTOR .....	EA	1
7	13	XDHZZ		SMB605027	80063	POST, BINDING .....	EA	1
7	14	PAHZZ	5940-00-620-8424	MS35431-4	96906	TERMINAL, LUG .....	EA	1
7	15	PAHZZ	5910-00-009-3339	X663F	84411	CAPACITOR, FIXED, MET .....	EA	1
7	16	XDHZZ	5930-00-492-7899	57079	11237	SWITCH, ROTARY .....	EA	1
7	17	PAHZZ	5930-01-029-4135	212-23773-1SR	71450	SWITCH, ROTARY .....	EA	1
7	18	PAHZZ	5930-00-493-1226	212-19421-2	11237	SWITCH, ROTARY .....	EA	1
7	19	PAHZZ	5930-00-492-7900	59017	11237	SWITCH, ROTARY .....	EA	1
7	20	PAHZZ	5905-00-163-7086	RA20SASA101A	81349	RESISTOR, VARIABLE .....	EA	1
7	21	PAHZZ	5930-00-655-1514	MS35058-22	96906	SWITCH, TOGGLE .....	EA	1
7	22	PAHZZ	5905-00-985-3946	RA20SASA102A	81349	RESISTOR, VARIABLE .....	EA	1
7	23	XDHHH		SMC604980	80063	BRACKET ASSEMBLY .....	EA	1
7	24	XDHZZ		SM605026-1	80063	POST, ELEC-MECH .....	EA	2
7	25	PAOZZ	6210-01-027-3318	SM-B-605024	80063	LENS, LIGHT .....	EA	4



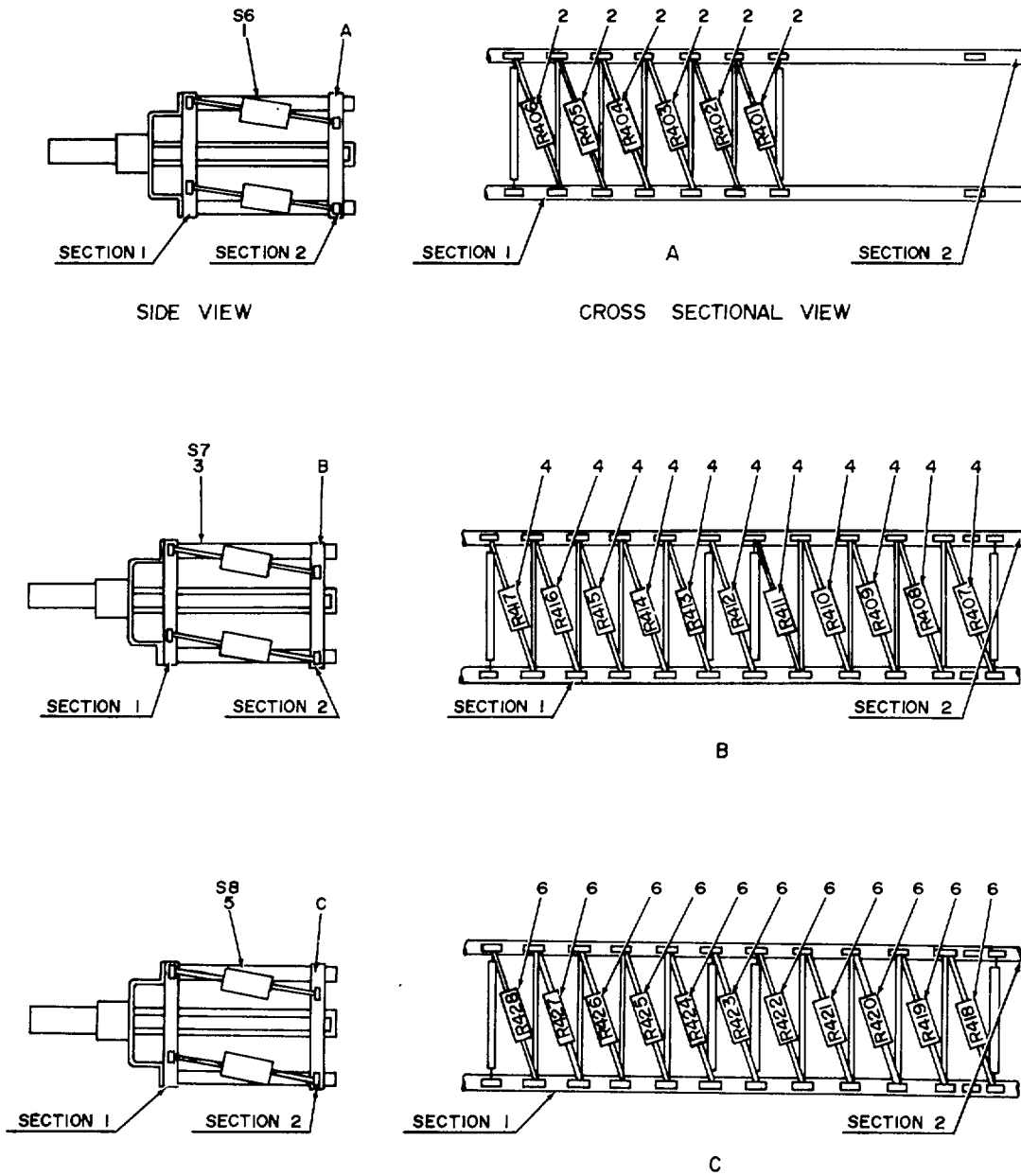
EL4WY008

Figure 8. Voltmeter, Electronic ME-161B/U, Bracket Assembly, (SMC604980).

SECTION II

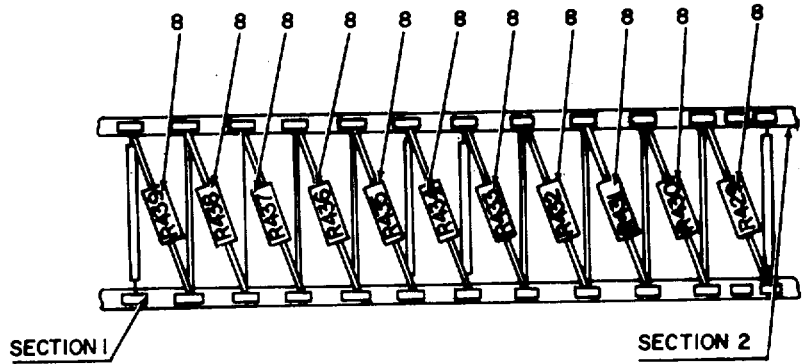
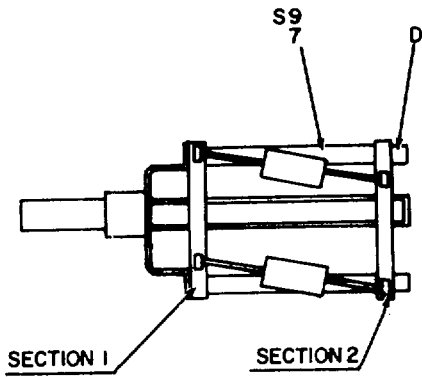
TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
8	1	XDHZZ		SMB604998	80063	BRACKET, MARKED .....	EA	1
8	2	XDHHH		SMC604988	80063	SWITCH ASSEMBLY .....	EA	1
8	3	PAHZZ	6250-00-967-5487	1938	83330	LAMPHOLDER.....	EA	4
8	4	PAOZZ	6240-00-155-8706	47	08806	LAMP, INCANDESCENT .....	EA	4
8	5	XDOZZ		SM-B-605028	80063	SHIELD, PILOT LIGHT.....	EA	4
8	6	PAHZZ	6625-00-495-0732	SMB604985	80063	DIAL AND HUB ASSY.....	EA	5
8	7	XDHHH		SMC604990	80063	SWITCH ASSEMBLY .....	EA	1
8	8	XDHHH		SMC604989	80063	SWITCH ASSEMBLY .....	EA	1
8	9	PAHZZ	5305-00-531-0137	MS51021-21	96906	SETSCREW .....	EA	2
8	10	XDHHH		SMC604987	80063	SWITCH ASSEMBLY .....	EA	1
8	11	XDHHH		SMC604986	80063	SWITCH ASSEMBLY .....	EA	1

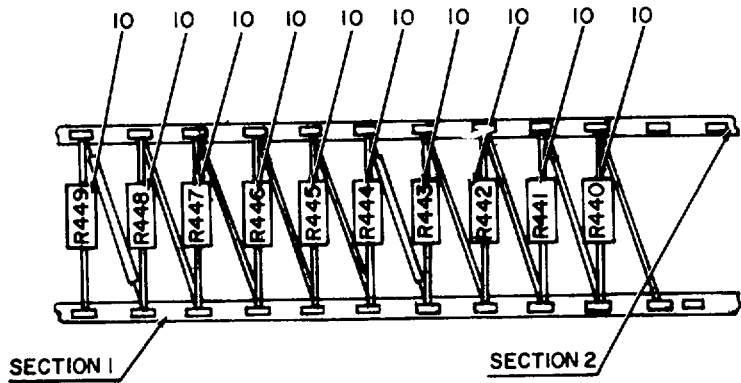
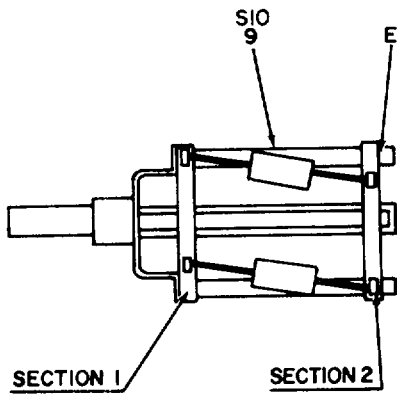


EL4WY009

Figure 9. Voltmeter, Electronic ME-161B/U, Switch Assemblies (Sheet 1 of 2).



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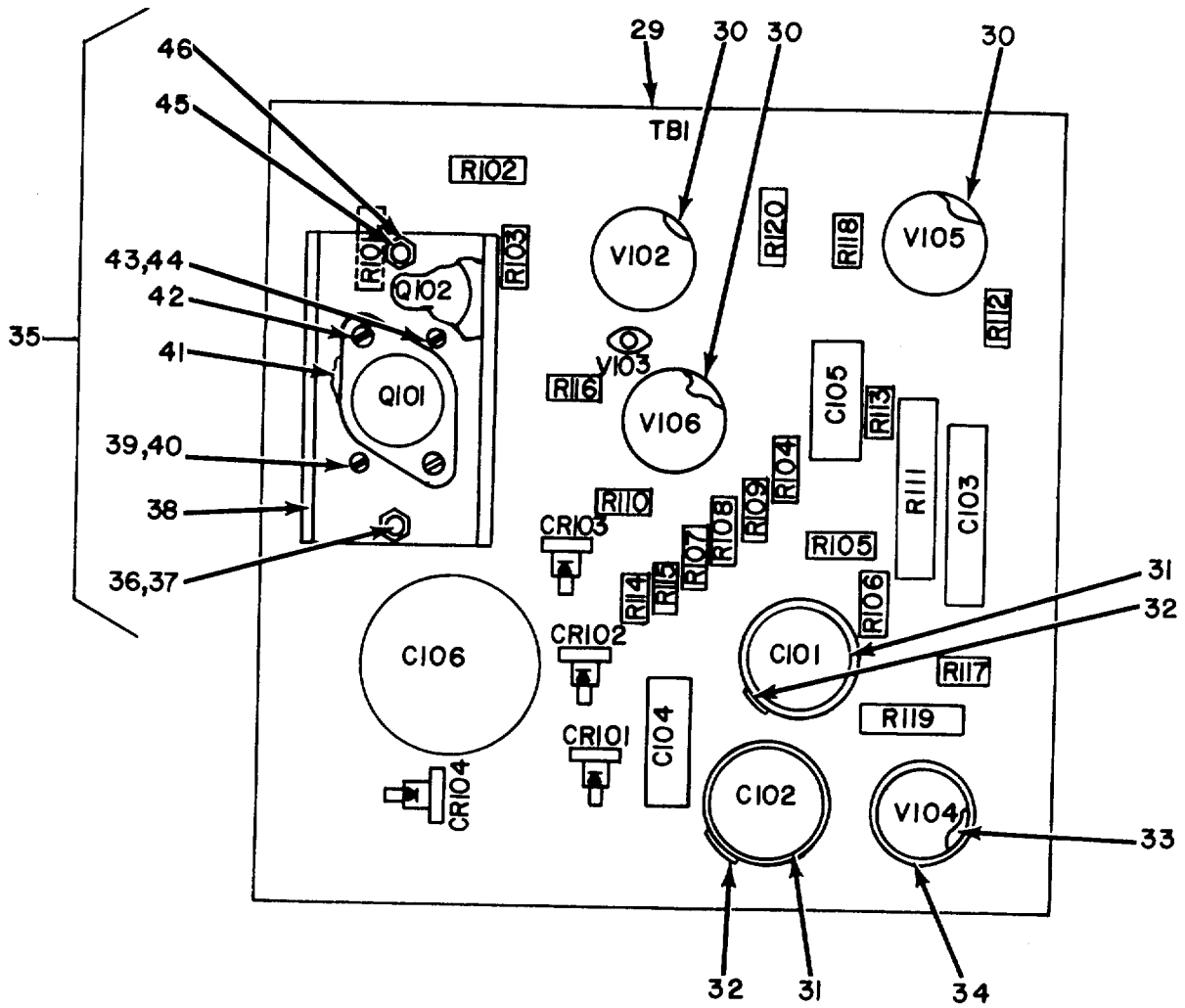
Figure 9. Voltmeter, Electronic ME-161B/U, Switch Assemblies (Sheet 2 of 2).



SECTION II

TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
9	1	PAHZZ	5930-01-030-8776	212-21085-2	71450	SWITCH, ROTARY .....	EA	1
9	2	XDHZZ		RB54CE40001D	81349	RESISTOR, FIXED, WIRE .....	EA	6
9	3	PAHZZ	5930-00-493-1228	212-21086-2	11237	SWITCH, ROTARY .....	EA	1
9	4	XDHZZ		R854CE80000D	81349	RESISTOR, FIXED, WIRE .....	EA	11
9	5	PAHZZ	5930-00-493-1228	212-21086-2	11237	SWITCH, ROTARY .....	EA	1
9	6	PAHZZ	5905-00-019-6527	R855CE16000B	81349	RESISTOR, FIXED, W.....	EA	11
9	7	PAHZZ	5930-00-493-1228	212-21086-2	11237	SWITCH, ROTARY .....	EA	1
9	8	XDHZZ		RB56CE32000B	81349	RESISTOR, FIXED, WIRE .....	EA	11
9	9	PAHZZ	5930-00-493-1229	212-22172-2	71450	SWITCH, ROTARY .....	EA	1
9	10	PAHZZ	5905-00-187-8592	R855CE64R00B	81349	RESISTOR, FIXED, W.....	EA	10



EL4WY011

Figure 10. Voltmeter, Electronic ME-161B/U, Circuit Card Assembly, TB1 (Sheet 1 of 2).

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
CI01	1	QI01	6	RI09	15	RI19	23
CI02	1	QI02	7	RI10	16	RI20	24
CI03	2	RI01	8	RI11	17	VI02	25
CI04	3	RI02	9	RI12	18	VI03	26
CI05	2	RI03	10	RI13	19	VI04	27
CI06	4	RI04	11	RI14	11	VI05	28
CR101	5	RI05	12	RI15	20	VI06	28
CR102	5	RI06	12	RI16	21		
CR103	5	RI07	13	RI17	22		
CR104	5	RI08	14	RI18	19		

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Figure 10. Voltmeter, Electronic ME-161B/U, Circuit Card Assembly, TB1 (Sheet 2 of 2).

SECTION II

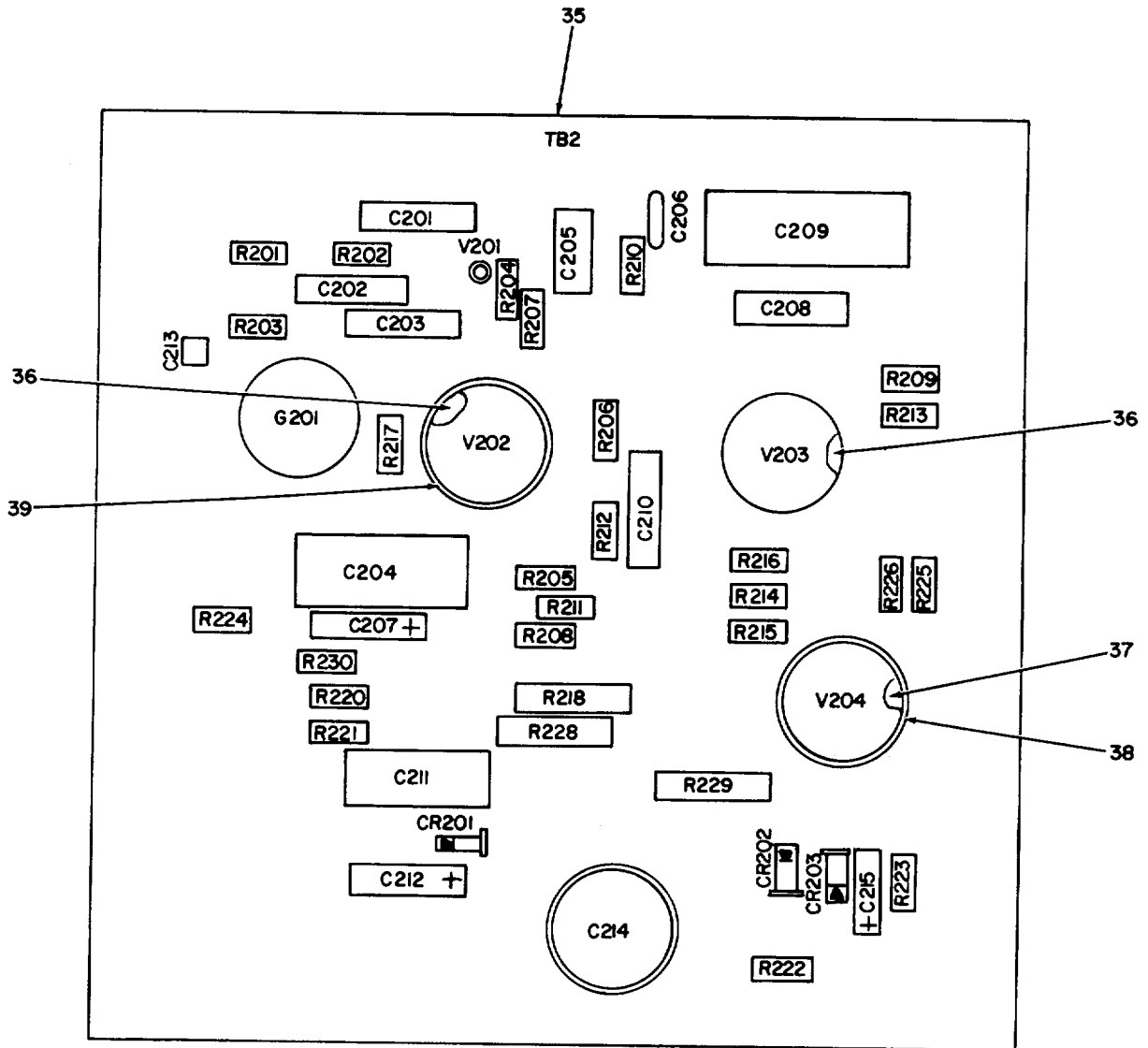
TM 11-6625-599-40P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
10	1	PAHZZ	5910-01-059-6706	SM-B-605040	80063	CAPACITOR, FIXE.....	EA	2
10	2	PAHZZ	5910-00-807-5570	CP05A1KE104K3	81349	CAPACITOR, FIXED.....	EA	2
10	3	PAHZZ	5910-00-821-7071	CPOSA1KE333K3	81349	CAPACITOR, FIXED, PAP.....	EA	1
10	4	XDHZZ		956-28-1500-16	72699	CAPACITOR, FIXED.....	EA	1
10	5	PAHZZ	5961-00-688-6316	JAN1N547	813491	SEMICONDUCTOR.....	EA	4
10	6	PAHZZ	5961-00-752-0218	2N297A	81349	TRANSISTOR.....	EA	1
10	7	PAHZZ	5961-00-023-3083	2N1372	01295	TRANSISTOR.....	EA	1
10	8	PAHZZ	5905-00-079-6372	110-50000HMSP0RM		RESISTOR, VARIABLE, W.....	EA	1
10				5%	11236			
10	9	PAHZZ	5905-00-794-4067	RN70C6202F	81349	RESISTOR, FIXED, FILM.....	EA	1
10	10	PAHZZ	5905-00-409-7616	RC20GF015K	81349	RESISTOR, FIXED, COMP.....	EA	1
10	11	PAHZZ	5905-00-295-3409	RC20GF224K	81349	RESISTOR, FIXED, COMP.....	EA	2
10	12	PAHZZ	5905-00-299-1997	RC32GF274K	81349	RESISTOR, FIXED, COMP.....	EA	2
10	13	PAHZZ	5905-00-549-7435	RC20GF226K	81349	RESISTOR, FIXED, COMP.....	EA	1
10	14	PAHZZ	5905-00-279-1755	RC20GFT56K	81349	RESISTOR, FIXED, COMP.....	EA	1
10	15	PAHZZ	5905-00-279-1866	RC20GF106K	81349	RESISTOR, FIXED, COMP.....	EA	1
10	16	PAHZZ	5905-00-299-2003	RC32GF104J	81349	RESISTOR, FIXED, COMP.....	EA	1
10	17	XDHZZ		RW68G144	81349	RESISTOR, FIXED, WIRE.....	EA	1
10	18	PAHZZ	5905-00-192-3987	RC20GFL04K	81349	RESISTOR, FIXED, COMP.....	EA	1
10	19	PAHZZ	5905-00-549-3724	RC32GF564K	81349	RESISTOR, FIXED, COMP.....	EA	2
10	20	PAHZZ	5905-00-104-8334	RC20GF331K	81349	RESISTOR, FIXED, COMP.....	EA	1
10	21	PAHZZ	5905-00-279-1714	RC32GF224K	81349	RESISTOR, FIXED, COMP.....	EA	1
10	22	PAHZZ	5905-00-190-8884	RC20GF123K	81349	RESISTOR, FIXED, COMP.....	EA	1
10	23	XDHZZ		RB52CE38602D	81349	RESISTOR, FIXED, WIRE.....	EA	1
10	24	XDHZZ		RB54CE76001D	81349	RESISTOR, FIXED, WIRE.....	EA	1
10	25	PAOZZ	5960-00-852-0235	6805	81349	TUB, ELECTRON.....	EA	1
10	26	PAOZZ	6240-00-577-8456	NE2E	08805	LAMP, GLOW.....	EA	1
10	27	PAHZZ	5960-00-836-6273	0G3-85A2	73445	ELECTRON, TUBE.....	EA	1
10	28	PAOZZ	5960-00-827-8782	12AX7WA	81349	TUBE, ELECTRON.....	EA	2
10	29	XDHZZ		SMC605032	80063	PRINTED WIRING.....	EA	1
10	30	PAHZZ	5935-00-089-1867	121-51-00-040	71785	SOCKET, PLUG-IN ELEC.....	EA	3
10	31	XDHZZ		KEI-1105	54358	SHRINK TUBING.....	EA	2
10	32	XDHZZ		KEI-1106	54358	DECAL., 500V.....	EA	2
10	33	XDHZZ		111-51-00-011	71785	SOCKET, PLUG-IN E.....	EA	1
10	34	PAOZZ	5960-00-494-8879	319A2	04232	SHIELD TUBE.....	EA	1
10	35	PAHHH	5999-01-034-5080	SM-B-604994	80063	HEATSINK ASSEMBLY.....	EA	1
10	36	PAHZZ	5305-00-054-6660	MS51957-36	96906	SCREW, MACHINE.....	EA	2
10	37	PAHZZ	5310-00-929-6395	MS3533-136	96906	WASHER, LOCK.....	EA	2
10	38	XDHZZ		SMB605030	80063	HEATSINK, ELEC QUIP.....	EA	1
10	39	PAHZZ	5310-00-938-2013	MS35649-24	96906	NUT, PLAIN, HEXAGON.....	EA	2

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
10	40	PAHZZ	5305-00-054-5638	NS51957-4	96906	SCREW, MACHINE .....	EA	2
10	41	PAHZZ	5935-00-885-8598	2TS1	71785	SOCKET, PLUG-IN ELEC.....	EA	1
10	42	XDHZZ		MS51861-226	96906	SCREW, MACHINE .....	EA	2
10	43	PAHZZ	5310-00-595-6761	MS15795-802	96906	WASHER, FLAT.....	EA	2
10	44	PAHZZ	5310-00-928-2690	MS35338-77	96906	WASHER, LOCK.....	EA	2
10	45	XDHZZ		SMB605026-2	80063	POST, ELEC-MECH.....	EA	2
10	46	PAHZZ	5310-00-934-9761	MS35649-264	96906	NUT, PLAIN, HEXAGON.....	EA	2



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Figure 11. Voltmeter, Electronic ME-161B/U, Circuit Board Assembly, TB2 (Sheet 1 of 2).

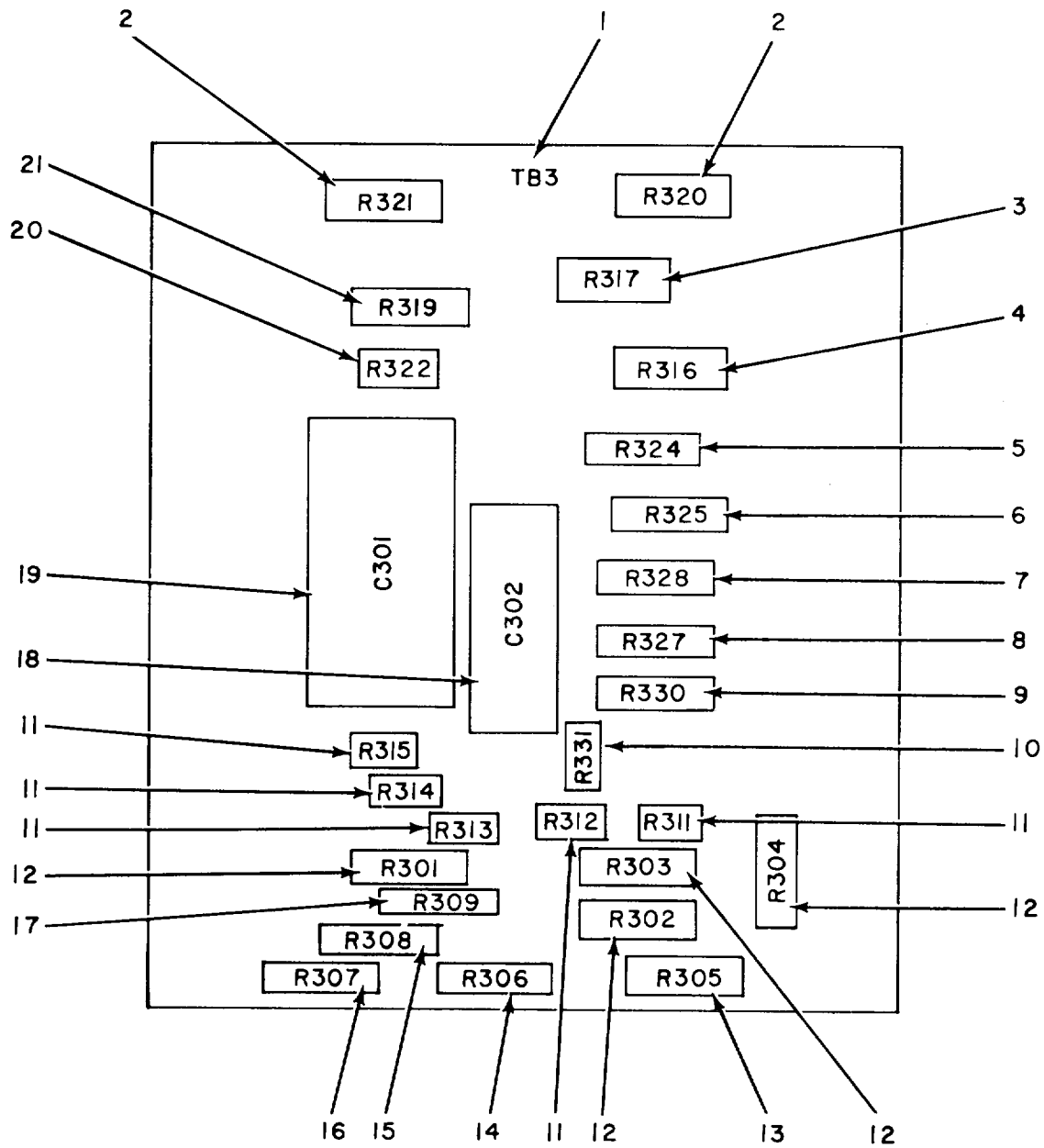
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C201	1	C214	10	R208	19	R222	28
C202	1	C215	11	R209	14	R223	28
C203	2	CR201	12	R210	14	R224	29
C204	2	CR202	12	R211	20	R225	22
C205	3	CR203	12	R212	21	R226	22
C206	4	G201	13	R213	22	R228	30
C207	5	R201	14	R214	14	R229	30
C208	1	R202	14	R215	23	R330	22
C209	6	R203	14	R216	24	V201	31
C210	1	R204	15	R217	25	V202	32
C211	7	R205	16	R218	26	V203	33
C212	8	R206	17	R220	27	V204	34
C213	9	R207	18	R221	27		

EL4WY014

Figure 11. Voltmeter, Electronic ME-161B/U, Circuit Board Assembly, TB2 (Sheet 2 of 2).

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
11	1	PAHZZ	5910-00-825-1637	CPO5AIKC104K3	81349	CAPACITOR, FIXED, PAP.....	EA	4
11	2	PAHZZ	5910-00-819-5745	CP05AIKC473K3	81349	CAPACITOR, FIXED, PAP.....	EA	2
11	3	PAHZZ	5910-01-028-5719	94-40-6	72699	CAPACITOR, FIXED, ELE.....	EA	1
11	4	XDHZZ		M11015-21-04	81349	CAPACITOR, FIXED.....	EA	1
11	5	PAHZZ	5910-01-028-5716	974-10-150	72699	CAPACITOR, FIXED, ELE.....	EA	1
11	6	PAHZZ	5910-00-820-6114	CP05A1KC474K3	81349	CAPACITOR, FIXED, PAP.....	EA	1
11	7	XDHZZ		M18312-01-0434	81349	CAPACITOR, FIXED.....	EA	1
11	8	PAHZZ	5910-01-028-5718	974-200-6	72699	CAPACITOR, FIXED, ELE.....	EA	1
11	9	PAHZZ	5910-00-068-5735	CK608X3R3K	81349	CAPACITOR, FIXED, CER.....	EA	1
11	10	PAHZZ	5910-00-260-2690	956-282-20-20-450	72699	CAPACITOR, FIXED.....	EA	1
11	11	PAHZZ	5910-01-028-5717	974-15-6	72699	CAPACITOR, FIXED, ELE.....	EA	1
11	12	PAHZZ	5961-00-688-6316	JANIN547	81349	SEMICONDUCTOR.....	EA	3
11	13	PAHZZ	5945-00-492-7874	227AC1	16473	CHOPPER, ELECTRONIC.....	EA	1
11	14	PAHZZ	5905-00-409-7616	RC20GF105K	81349	RESISTOR, FIXED, COMP.....	EA	6
11	15	PAHZZ	5905-00-279-1891	RC20GF395K	81349	RESISTOR, FIXED, C.....	EA	1
11	16	PAHZZ	5905-00-279-1882	RC20GF275K	81349	RESISTOR, FIXED, COMP.....	EA	1
11	17	PAHZZ	5905-00-185-6946	RC20GF474K	81349	RESISTOR, FIXED, C.....	EA	1
11	18	PAHZZ	5905-00-195-6451	RC20GF472K	81349	RESISTOR, FIXED, COMP.....	EA	1
11	19	PAHZZ	5905-00-185-8518	RCZOGFI03K	81349	RESISTOR, FIXED, COMP.....	EA	1
11	20	PAHZZ	5905-00-221-5860	RC20GF334K	81349	RESISTOR, FIXED, C.....	EA	1
11	21	PAHZZ	5905-00-192-0662	RC20GF184K	81349	RESISTOR, FIXED, COMP.....	EA	1
11	22	PAHZZ	5905-00-110-0196	RC20GFLOZK	81349	RESISTOR, FIXED, COMP.....	EA	4
11	23	PAHZZ	5905-00-141-1130	JANR11TYPERC218F50		RESISTOR, FIXED, COMP.....	EA	1
11	24	PAHZZ	5905-00-942-9326	RC20GF561K	81349	RESISTOR, FIXED, C.....	EA	1
11	25	PAHZZ	5905-00-186-3008	RC20GFIO1K	81349	RESISTOR, FIXED, COMP.....	EA	1
11	26	PAHZZ	5905-00-044-4325	RN7OC93RIF	81349	RESISTOR, FIXED, FILM.....	EA	1
11	27	PAHZZ	5905-00-195-6502	RCZOGF332K	81349	RESISTOR, FIXED, C.....	EA	2
11	28	PAHZZ	5905-00-190-8882	RC20GF393K	81349	RESISTOR, FIXED C.....	EA	2
11	29	XDHZZ		RB53CE2R7A	81349	RESISTOR, FIXED, CMPSN.....	EA	1
11	30	PAHZZ	5905-00-101-9654	RC32GF2712K	81349	RESISTOR, FIXED, COMP.....	EA	2
11	31	PAOZZ	6240-00-571-8456	NE2E	08805	LAMP, GLOW.....	EA	1
11	32	PAOZZ	5960-00-061-1186	6267EF86	73445	ELECTRON TUBE.....	EA	1
11	33	PAOZZ	5960-00-682-8627	6AW8A	80131	TUBE, ELECTRON.....	EA	1
11	34	PAOZZ	5960-00-503-4880	OA2WA	81349	TUBE, ELECTRON.....	EA	1
11	35	XDHZZ		SMC605033	80063	PRINTED, WIRING.....	EA	1
11	36	PAHZZ	5935-00-089-1867	121-51-00-040	71785	SOCKET, PLUG-IN.....	EA	2
11	37	PAHZZ	5935-00-089-1868	111-51-00-011	71785	SOCKET, PLUG-IN E.....	EA	1
11	38	PAOZZ	5960-00-494-8879	319A2	04232	SHIELD, TUBE.....	EA	1
11	39	PAOZZ	5960-00-958-7520	550	83330	SHIELD, TUBE.....	EA	1

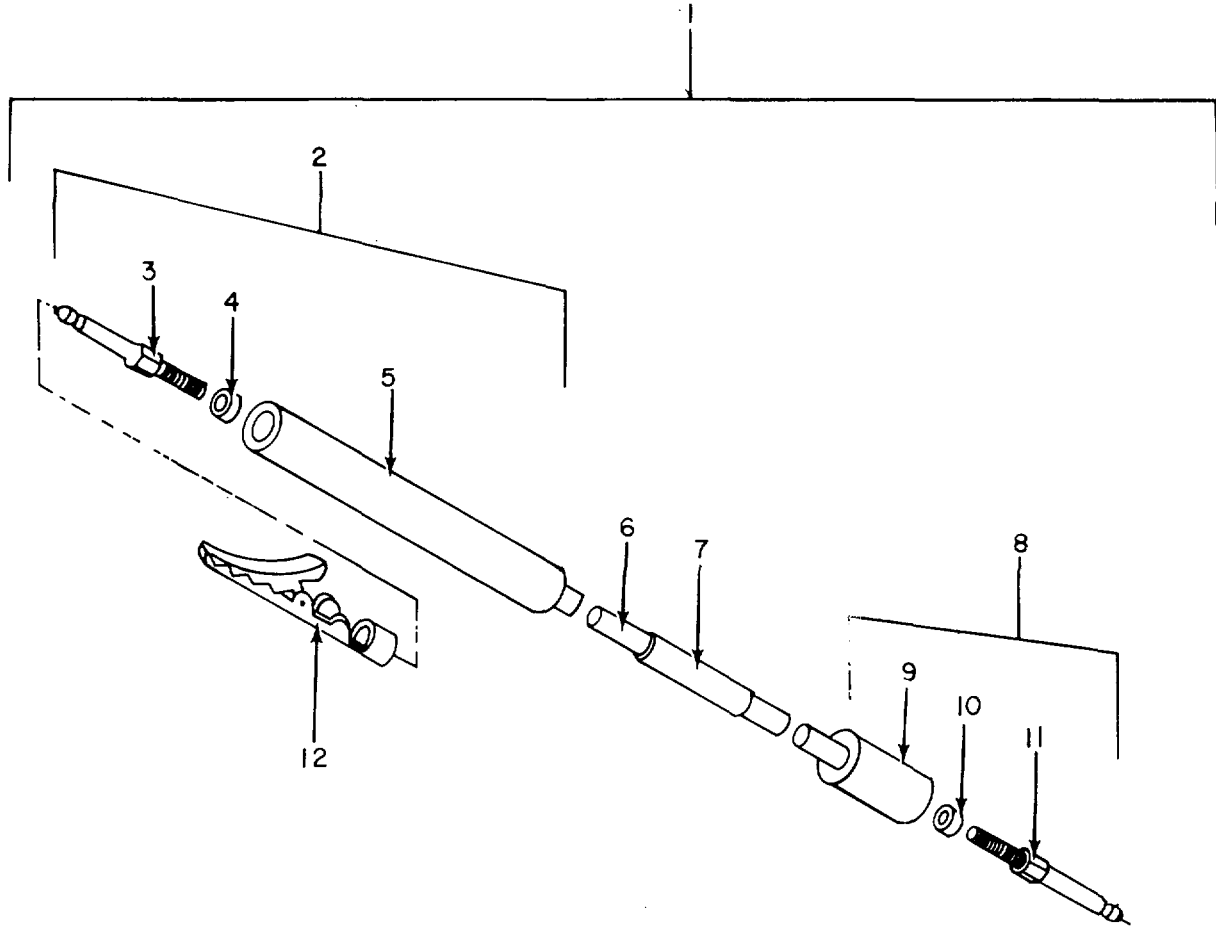




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Figure 12. Voltmeter, Electronic ME-161B/U, Circuit Card Assembly, TB3.

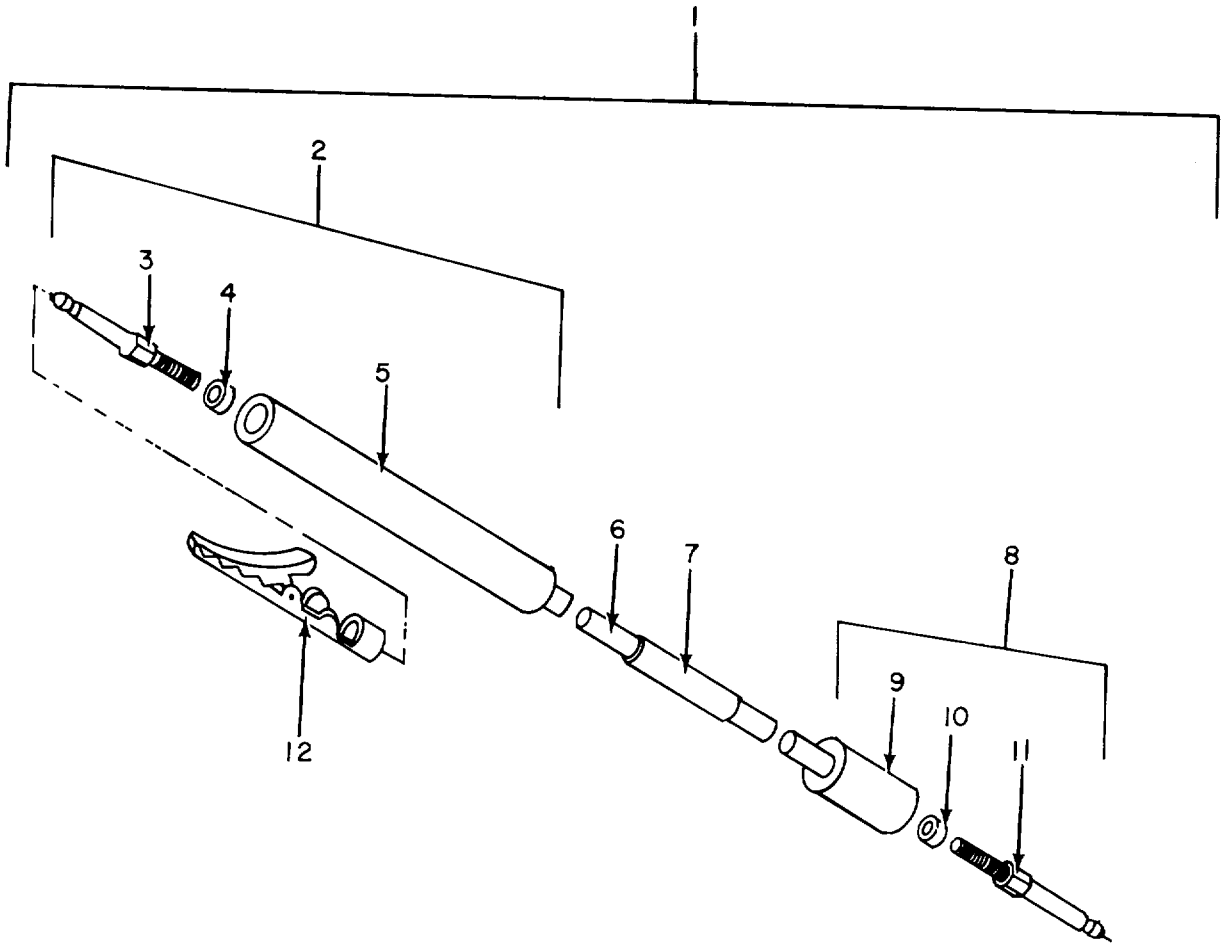
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
12	1	XDHZZ		SMC605034	80063	PRINTED, WIRING .....	EA	1
12	2	XDHZZ		RB52CE112375A	81349	RESISTOR, .FIXED, WIRE .....	EA	2
12	3	XDHZZ		R852CE12302F	81349	RESISTOR, FXD, WIRE .....	EA	1
12	4	PAHZZ	5905-00-042-6815	R852CE125028	81349	RESISTOR, FIXED, W.....	EA	1
12	5	XDHZZ		RB54CE28R57A	81349	RESISTOR, FIXED, WIRE.....	EA	1
12	6	PAHZZ	5905-00-761-5755	R85CE225018	81349	RESISTOR, FIXED W.....	EA	1
12	7	XDHZZ	5905-00-974-6715	R854CE24R758	81349	RESISTOR, FIXED, W.....	EA	1
12	8	PAHZZ	5905-00-761-5757	R854CE25310A	81349	RESISTOR, FIXED, W.....	EA	1
12	9	PAHZZ	5905-00-761-5756	R854CE250R3A	81349	RESISTOR, FIXED, .W.....	EA	1
12	10	PAHZZ	5905-00-279-1880	RC20GF272J	81349	RESISTOR, .FIXED, C.....	EA	1
12	11	PAHZZ	5905-00-549-7435	RC20GF226K	81349	RESISTOR, .FIXED, C.....	EA	5
12	12	XDHZZ		RN25X1005F	28038	RESISTOR, FIXED, FILM.....	EA	4
12	13	XDHZZ		RN25X9004F	28038	RESISTOR, .FXD, FILM.....	EA	1
12	14	XDHZZ		RN70C9003F	81349	RESISTOR, .FIXED, .FILM.....	EA	1
12	15	XDHZZ		RNTOC9001F	81349	RESISTOR, FIXED, .FILM.....	EA	1
12	16	PAHZZ	5905-00-285-1467	RN70C9002F	81349	RESISTOR, FIXED, F.....	EA	1
12	17	PAHZZ	5905-00-752-6461	RN70CLOOIF	81349	RESISTOR, FIXED, F.....	EA	1
12	18	XDHZZ		CH08AINC225	81349	CAPACITOR, FIXE.....	EA	1
12	19	XDHZZ		CH08AINF105M	81349	CAPACITOR, .FIXE.....	EA	1
12	20	PAHZZ	5905-00-258-6557	RC32GF273K	81349	RESISTOR, FIXED, C.....	EA	1
12	21	PAHZZ	5905-00-472-0788	RB54CE511R7B	81349	RESISTOR, FIXED, W.....	EA	1



EL4WY016

Figure 13. Test Lead Set CX-1331/U, Test Lead, Red.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	UOC	U/M	QTY INC IN UNIT
						GROUP 02 TEST LEAD SET CX-13311/U		
13	1	XDHHH		SCC6878GRI	80063	TEST LEAD, RED .....	EA	1
13	2	PAHHD	6625-00-643-8543	MX1906U	80058	PROD. TEST .....	EA	1
13	3	PAHZZ	6625-00-669-0244	SCB76301	80063	TIP, TEST PROD .....	EA	1
13	4	XDHZZ		SC823287	80063	WASHER, FLAT .....	EA	1
13	5	XDHZZ		SCC76302-2	80063	INSULATOR .....	EA	1
13	6	XDHZZ		MILW13169TLGRED	81349	CABLE .....	EA	1
13	7	XDHZZ		SC8165914	80063	BAND, IDENT .....	EA	1
13	8	XDHHH		MX1909U	80058	PROD TEST .....	EA	1
13	9	XDHZZ		SCCT6302-1	80063	INSULATOR .....	EA	1
13	10	XDHZZ		SC823287	80063	WASHER, FLAT .....	EA	1
13	11	PAHZZ	6625-00-669-0244	SC876301	80063	TIP. TEST PROD .....	EA	1
13	12	PAHZZ	5940-00-702-5260	1410D2	91802	CLIP, ELECTRICAL .....	EA	1



EL4WY017

Figure 14. Test Lead Set CX-1331/U, Test Lead Black.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
14	1	XDHHH		SCC68TB7GR	80063	TEST LEAD, BLACK.....	EA	1
14	2	PAHZZ	6625-00-643-8541	MX1907U	80058	PROD, TEST.....	EA	1
14	3	PAHZZ	6625-00-669-0244	SC876301	80063	TIP, TEST PROD.....	EA	1
14	4	XDHZZ		SCB23287	80063	WASHER, FLAT.....	EA	1
14	5	XDHZZ		SCC76302-4	80063	INSULATOR,.....	EA	1
14	6	XDHZZ		MILH13L69TLGBLK	81349	CABLE.....	EA	1
14	7	XDHZZ		SCB165914	80063	BAND, IDENT.....	EA	1
14	8	PAHZZ	6625-00-643-8544	MX1910U	80058	PROD, TEST.....	EA	1
14	9	XDHZZ		SCC76302-3	80063	INSULATOR.....	EA	1
14	10	XDHZZ		SC823287	80063	WASHER, FLAT.....	EA	1
14	11	PAHZZ	6625-00-669-0244	SC876301	80063	TIP, TEST PROD.....	EA	1
14	12	PAHZZ	5940-00-702-5256	1410D1	91802	CLIP, ELECTRICAL.....	EA	1

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 11-6625-599-40P-2

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5910-00-009-1111	7	15	5930-00-493-1228	9	5
5310-00-011-1111	2	5	5930-00-493-1228	9	7
5310-00-011-1111	2	14	5930-00-493-1229	9	9
5310-00-011-1111	4	3	6625-00-495-0732	8	6
5310-00-011-1111	5	10	5305-00-531-0137	8	9
5961-00-023-1111	10	7	5905-00-549-3724	10	19
5905-00-042-1111	12	4	5905-00-549-7435	10	13
5310-00-054-1111	3	28	5905-00-549-7435	12	11
5305-00-054-1111	10	40	5905-00-577-3655	3	2
5305-00-054-1111	6	3	5905-00-577-7341	3	31
5305-00-054-1111	2	8	5905-00-577-7341	5	4
5305-00-054-1111	5	11	5905-00-577-7341	6	7
5305-00-054-1111	2	10	6240-00-577-8456	10	26
5305-00-054-1111	3	15	6240-00-577-8456	11	31
5305-00-054-1111	3	24	5305-00-579-3029	7	9
5305-00-054-1111	10	36	5310-00-582-3986	3	16
5305-00-054-1111	2	2	5310-00-582-3986	5	3
5305-00-054-1111	3	3	5310-00-582-3986	6	2
5960-00-061-1111	11	32	5310-00-595-6761	10	43
5910-00-068-1111	11	9	5940-00-620-8424	3	6
5307-00-075-1111	2	12	5940-00-620-8424	7	14
5905-00-079-1111	10	8	5920-00-636-0963	3	23
5905-00-079-1111	9	6	6625-00-643-8541	14	2
5325-00-079-1111	5	5	6625-00-643-8543	13	2
			6625-00-643-8544	14	8
5935-00-089-1111	10	30	5930-00-655-1514	7	21
5935-00-089-1111	11	36	5905-00-660-3641	5	2
5935-00-089-1111	11	37	6625-00-669-0244	13	3
5905-00-101-1111	11	30	6625-00-669-0244	13	11
5905-00-104-1111	10	20	6625-00-669-0244	14	3
5905-00-110-1111	11	22	6625-00-669-0244	14	11
5320-00-117-1111	2	20	5310-00-680-4919	2	17
5905-00-141-1111	11	23	5940-00-681-8184	7	4
5340-00-152-1111	3	14	5940-00-702-5256	14	12
6240-00-155-1111	8	4	5940-00-702-5260	13	12
5905-00-163-1111	7	20	5310-00-722-5998	2	11
5940-00-180-1111	3	18	5310-00-722-5998	4	2
5940-00-180-1111	7	11	5961-00-752-0218	10	6
5905-00-185-1111	11	17	5905-00-752-6461	12	17
5905-00-185-1111	11	19	5905-00-761-5755	12	6
5905-00-186-1111	11	25	5905-00-761-5756	12	9
5905-00-187-1111	9	10	5905-00-761-5757	12	8
5905-00-190-1111	11	28	6625-00-765-9549	5	8
5905-00-190-1111	10	22	5905-00-794-4067	10	9
5905-00-192-1111	11	21	5910-00-819-5745	11	2
5905-00-192-1111	10	18	5910-00-820-6114	11	6
5905-00-195-1111	11	18	5910-00-821-7071	10	3
5905-00-195-1111	11	27	5910-00-825-1637	11	1
5905-00-221-1111	11	20	5960-00-836-6273	10	27
5940-00-234-1111	6	5	5310-00-880-5978	3	27
5950-00-242-1111	3	1	5935-00-885-8598	10	41
5905-00-258-1111	12	20	5310-00-928-2690	10	44
5310-00-271-1111	3	26	5310-00-929-6395	6	4
5905-00-279-1111	10	21	5935-00-931-7490	3	20
5905-00-279-1111	10	14	5310-00-934-9761	2	13
5905-00-279-1111	10	15	5310-00-934-9761	10	46
5905-00-279-1111	12	10	5310-00-938-2013	10	39
5905-00-279-1111	11	16	5905-00-942-9326	11	24
5905-00-279-1111	11	15	6150-00-946-1639	7	12
5905-00-285-1111	12	16	5960-00-958-7520	11	39
5325-00-291-1111	3	30	6250-00-967-5487	8	3
5905-00-295-1111	10	11	5905-00-974-6715	12	7
5905-00-299-1111	10	12	5905-00-985-3946	7	22
5905-00-299-1111	10	16	6210-01-027-3318	7	25
5905-00-409-1111	10	10	5910-01-028-5716	11	5
5905-00-409-1111	11	14	5910-01-028-5717	11	11
5905-00-472-1111	12	21	5910-01-028-5718	11	8
5330-00-481-1111	3	4			
5330-00-481-1111	5	12	5910-01-028-5719	11	3
5330-00-481-1111	6	8	5930-01-029-4135	7	17
5945-00-492-1111	11	13	5930-01-030-8776	9	1
5930-00-492-1111	7	16	6625-01-032-4718	3	29
5930-00-492-1111	7	19	6625-01-032-4719	3	12
5930-00-493-1111	7	18	6625-01-032-4720	4	7
5930-00-493-1111	9	3	5999-01-034-5080	10	35

PART NUMBER

FSCM FIG. ITEM NO. NO.

PART NUMBER

FSCM FIG. ITEM NO. NO.

## SECTION IV

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 11-6625-599-40P-2

CH08AINC225M	81349	6	6	RA20LASB501A	81349	5	2
CH08AINC225M	81349	12	18	RA20LASB502A	81349	3	31
CH08AINF105M	81349	12	19	RA20LASB502A	81349	5	4
CK608X3R3K	81349	11	9	RA20LASB502A	81349	6	7
CL 632-2C	46384	2	17	RA20SASA101A	81349	7	20
CP05A1KC104K3	81349	11	1	RA20SASA102A	81349	7	22
CP50A1KC473K3	81349	11	2	RB52CE112375A	81349	12	2
CP05A1KC474K3	81349	11	6	RB52CE12302F	81349	12	3
CP05A1KE333K3	81349	10	3	RB52CE12502B	81349	12	4
CXL331U	80058	1	2	RB52CE38602D	81349	10	23
C003NFG3-18-0340	81349	3	21	RB53CE2R7A	81349	11	29
C30395-832-4	78553	3	14	RB54CE22501B	81349	12	6
FF S92-6-32X2-1-2	81348	4	5	RB54CE24R75B	81349	12	7
FHN2DG	81349	3	22	RB54CE250R3A	81349	12	9
F03B250VIA	81349	3	23	RB54CE25310A	81349	12	8
HA945AL2RG	98003	2	19	RB54CE28R57A	81349	12	5
JANR111TYPERC21BF50	80058	11	23	RB54CE40001D	81349	9	2
				RB54CE511R7B	81349	12	21
				RB54CE76001D	81349	10	24
KEI-1101	54358	3	10	RB54CE80000D	81349	9	4
KEI-1102	54358	3	7	RB55CE16000B	81349	9	6
KEI-1103	54358	3	8	RB55CE320R0B	81349	9	8
KEI-1104	54358	3	9	RB55CE64R00B	81349	9	10
KEI-1105	5+358	10	31	RC20GF101K	81349	11	25
KEI-1106	54358	3	11	RC20GF102K	81349	11	22
KEI-1106	54358	10	32	RC20GF103K	81349	11	19
KEI-1107	54358	3	32	RC20GF104K	81349	10	18
MH52418	53342	3	1	RC20GF105K	81349	10	10
MILW13169TLGBLK	81349	14	6	RC20GF105K	81349	11	14
MILW13169TLGRED	81349	13	6	RC20GF106K	81349	10	15
MS15795-307	96906	3	27	RC20GF123K	81349	10	22
MS15795-802	96906	10	43	RC20GF156K	81349	10	14
ME15795-805	96906	2	11	RC20GF184K	81349	11	21
MS15795-805	96906	4	2	RC20GF224K	81349	10	11
MS20470AD6-5	96906	2	20	RC20GF226K	81349	10	13
MS35058-22	96906	7	21	RC20GF226K	81349	12	11
MS35233-1	96906	7	9	RC20GF272J	81349	12	10
MS35338-136	96906	6	4	RC20GF275K	81349	11	16
MS35338-77	96906	10	44	RC20GF331K	81349	10	20
MS35338-79	96906	2	5	RC20GF332K	81349	11	27
NS35338-79	96906	2	14	RC20GF334K	81349	11	20
MS35338-79	96906	4	3	RC20GF393K	81349	11	28
MS35338-79	96906	5	10	RC20GF395K	81349	11	15
MS35338-80	96906	3	28	RC20GF472K	81349	11	18
MS35431-4	96906	3	6	RC20GF474K	81349	11	17
MS35431-4	96906	7	14	RC20GF561K	81349	11	24
MS35431-8	96906	7	4	RC32GF104J	81349	10	16
MS35489-11	96906	3	30	RC32GF224K	81349	10	21
MS35649-24	96906	10	39	RC32GF272K	81349	11	30
				RC32GF273K	81349	12	20
				RC32GF274K	81349	10	12
				RC32GF564K	81349	10	19
MS35649-84	96906	3	26	RN25X1005F	81349	12	12
MS51021-21	96906	8	9	RN25X9004F	28038	12	13
MS51861-226	96906	10	42	RN70C1001F	28038	12	17
MS51957-25	96906	6	3	RN70C6202F	81349	10	9
MS51957-26	96906	2	8	RN70C9001F	81349	12	15
MS51957-26	96906	5	11	RN70C9002F	81349	12	16
MS51957-28	96906	2	10	RN70C9003F	81349	12	14
MS51957-28	96906	3	15				
MS51957-33	96906	3	24	RW68 G144	81349	10	17
MS51957-36	96906	10	36				
MS51957-4	96906	10	40	SCA47791	80063	2	15
MS51957-43	96906	2	2	SCB165914	80063	13	7
MS51957-45	96906	3	3	SCB165914	80063	14	7
MS91528C1F2B	96906	7	8	SCB23287	80063	13	4
MS91528C1G2B	96906	7	6	SCB23287	80063	13	10
MS91528C2F2B	96906	7	7	SCB23287	80063	14	4
MS91528C2G2B	96906	7	3	SCB76301	80063	13	3
MX1906U	80058	13	2	SCB76301	80063	13	11
MX1907U	80058	14	2	SCB76301	80063	14	3
MX1909U	80058	13	8	SCB76301	80063	14	11
MX1910U	80058	14	8	SCC6878GR1	80063	13	1
MINI	20751	5	8	SCC6878GR2	80063	14	1
M11015-21-04	81349	11	4	SCC76302-1	80063	13	9
M18312-01-0434	81349	11	7	SCC76302-2	80063	13	5
NE2E	08805	10	26	SCC76302-3	80063	14	9
NE2E	08805	11	31	SCC76302-4	80063	14	5
RA20LASB100A	81349		2	SM-B-604994	80063	10	35



## SECTION IV

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

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PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
SM-8-605024	80063	7	25				
SM-8-605028	80063	8	5	1027-1	54358	5	9
				110-50000HMSPORM5%	11236	10	8
SM-D-604991	80063	3	29	111-51-00-011	71785	10	33
SM-D-604992	80063	3	12	111-51-00-011	71785	11	37
SM-D-604993	30063	4	7				
SMB604982	80063	4	6	121-51-00-040	71785	10	30
SMB604985	80063	8	6	121-51-00-040	71785	11	36
SMB604995	80063	3	19	1320	26344	2	12
SMB604998	80063	8	1	1410D1	91802	14	12
SMB604999	80063	5	1	1410D2	91802	13	12
SMB605000	80063	6	1	1938	83330	8	3
SMB605008	80063	5	6	2N1372	01295	10	7
SMB605020	80063	4	13	2N297A	81349	10	6
SMB605023-1	80063	2	4	2TS1	71785	10	41
SMB605023-1	80063	7	2	212-19421-2	11237	7	18
SMB605025	80063	7	10	212-21085-2	71450	9	1
SMB605026-1	80063	7	24	212-21086-2	11237	9	3
SMB605026-2	80063	10	45	212-21086-2	11237	9	5
SMB605026-3	80063	4	8	212-21086-2	11237	9	7
SMB605027	80063	7	13	212-22172-2	71450	9	9
SMB605030	80063	10	38	212-23773-1SR	71450	7	17
SMB605031	80063	5	7	2145	83330	5	5
				2157	83330	3	4
SMC604977	80063	2	1	2157	83330	5	12
SMC604978	80063	2	3	2157	83330	6	8
SMC604980	80063	7	23	2169	83330	3	16
SMC604981	80063	4	1	2169	83330	5	3
SMC604983	80063	2	9	2169	83330	6	2
SMC604986	80063	8	11	227AC1	16473	11	13
SMC604987	80063	8	10	263RR	83330	3	18
SMC604988	80063	8	2	263RR	83330	7	11
SMC604989	80063	8	8	319A2	04232	10	34
SMC604990	80063	8	7	319A2	04232	11	38
SMC604996	80063	7	1	327	83330	7	12
SMC604997	80063	3	13	47	08806	8	4
SMC605011	80063	4	10	5347520100	80145	7	5
SMC605032	80063	10	29	550	83330	11	39
SMC605033	80063	11	35	57079	11237	7	16
SMC605034	80063	12	1	59017	11237	7	19
SMD604976	80063	1	1	6AW8A	80131	11	33
SMD604979	80063	4	14				
SMD604984	80063	2	7	6R6P4	28520	3	17
SMD605004	80063	2	16	6267EF86	73445	11	32
SMD605004-1	80063	2	18	9020S6	86577	6	5
SMD605009	80063	4	11	956-281-1500-16	72699	10	4
SMD605010	80063	4	12				
SMO605036	80063	4	9	974-10-150	72699	11	5
UP221M	81349	3	20	974-15-6	72699	11	11
X663F	84411	7	15	974-200-6	72699	11	8
OG3-85A2	73445	10	27				
				974-40-6	72699	11	3

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5305-00-054-6650	4	4	5310-00-929-6395	10	37
5960-00-494-8879	10	34	5310-00-934-9761	2	6
5960-00-494-8879	11	38	5310-00-934-9761	3	5
5920-00-556-0144	3	22	5340-01-029-7427	3	25
5910-00-807-5570	10	2			

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CP05A1KE104K3	81349	10	2	MS51957-26	96906	4	4
MS35338-136	96906	10	37	SMB605029	80063	3	25

**SECTION IV**

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX**

**ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENTS**

STOCK NUMBER	FIG NO.	ITEM NO.
5905-00-044-4325	11	26
5910-00-260-2690	11	10
6625-00-390-5716	1	2
5960-00-503-4880	11	34
5960-00-682-8627	11	33
5961-00-688-6316	10	5
5961-00-688-6316	11	12
5960-00-827-8782	10	28
5960-00-852-0235	10	25
5910-01-059-6706	10	1

**ADDITIONAL LATEST PART NUMBER ASSIGNMENTS**

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
JAN1N547	81349	10	5
JAN1N547	81349	11	12
MS35649-264	96906	2	6
MS35649-264	96906	2	13
MS35649-264	96906	3	5
MS35649-264	96906	10	46
OA2WA	81349	11	34
RN7OC93RiF	81349	11	26
SM-B-605040	80063	10	1
12AX7WA	81349	10	28
6BQ5	81349	10	25
956-282-20-20-450	72699	11	10

\*US GOVERNMENT PRINTING OFFICE: 1997-532-280/40235

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USAADS (2)	11-97 (1)
USAFAS (2)	11-98 (1)
USAARMS (2)	11-117 (1)
USAIS (2)	11-302 (1)
USAES (2)	11-500 (AA-AC) (1)
USAICS (3)	29-134 (1)
MAAG (1)	29-136 (1)
USARMIS (1)	29-427 (1)
USAERDAA (1)	29-500 (1)

NG; State AG (3) Units-None

USAR; None

For explanation of abbreviations used, see AR 310-50.



# THE METRIC SYSTEM AND EQUIVALENTS

## NEAR MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches  
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches  
 1 Kilometer = 1000 Meters = 0.621 Miles

## WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces  
 1 Kilogram = 1000 Grams = 2.2 lb.  
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

## LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces  
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

## SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches  
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet  
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

## CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches  
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

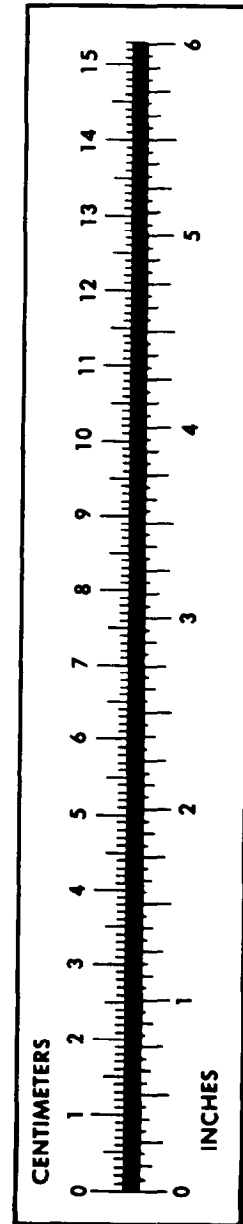
## TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$   
 212° Fahrenheit is equivalent to 100° Celsius  
 90° Fahrenheit is equivalent to 32.2° Celsius  
 32° Fahrenheit is equivalent to 0° Celsius  
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

## APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



**PIN: 033364-001**