

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
ELECTRON VOLTMETER,
HEWLETT-PACKARD MODEL 400EL
(NSN 6625-00-229-0457)

Current as of 1 April 1975

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	<i>FUNCTIONAL</i>	
	<i>GROUP</i>	
	<i>GROUP TITLE</i>	<i>MODEL</i>
		<i>NO.</i>
		<i>PART</i>
		<i>NUMBER</i>
	6611	Electron
		Voltmeter
		400EL
		—
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Section I. INTRODUCTION

1. Scope

This manual lists repair parts that are required for maintenance of Electron Voltmeter, Hewlett-Packard Model 400EL and is applicable to Army Area Calibration Teams (AACT's).

NOTE

Throughout this manual, DS is used to indicate AACT.

2. General

This manual is divided as follows:

- a. *Section I.* Introduction.
- b. *Section II.* Repair Parts List. A list, in alphabetical sequence, of repair parts authorized for the performance of maintenance at the AACT support level.
- c. *Section III.* National Stock Number and Reference Number Index. A list in ascending numerical sequence, of all National stock numbers (NSN'S) appearing in the repair parts list, followed by a list of all reference numbers in alpha-numeric sequence appearing in the list. The NSN'S and reference numbers are cross-referenced to a figure number and item number in column 1.

NOTE

The figure and item number columns represent cross-reference numbers, since illustrations are not included in this manual.

3. Explanation of Columns

Refer to section I of TM 9-4931-700-34P for explanation of columns (para 3), special information (para 4, except for subparagraph 4O which is not applicable to this manual), and abbreviations (para 6).

4. How to Locate Repair Parts

When NSN or reference number is unknown, use the repair parts listing and locate the item by description.

When National stock number or reference number is known, use the list of NSN'S or the reference numbers and locate the cross-referenced figure and item number. Locate the cross-referenced figure and item number under column 1 of the repair parts list for the complete description of the repair part.

5. Reporting of Errors

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to Publications, and forwarded direct to Commander, U. S. Army Missile Command, ATTN: AMSMI-MFM, Redstone Arsenal, AL 35809.

SECTION II (1) ILLUSTRATION (A) FIG NO.		(2)	(3)	TM9-6625-047-34P (4)	(5)	(6)	(7)		(8)
		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 6611			
						VOLTMETER, ELECTRON			
						400EL 28480			
						MAINFRAME ASSEMBLY CONSISTING OF			
1	3	PAHZZ	5940-00-080-6160	5060-0634	28480	POST, BINDING, ELECTRICAL	EA		1
1	5	PAFZZ	6150-00-351-3405	8120-1348	28480	CABLE ASSEMBLY AC POWER	EA		1
1	7	PAFZZ	5995-00-441-4621	00400-61602	28480	CABLE ASSEMBLY, RADIO FREQUENCY	EA		1
1	9	PAFZZ	5910-00-944-4681	0160-0205	28480	CAPACITOR, FIXED, MICA DIELECTRIC 10PF 500V	EA		1
1	11	PAFZZ	5910-00-752-4172	0180-0100	28480	CAPACITOR, FIXED, ELECTROLYTIC 4.7UF P10PCT 35VDCW SM4.7NF FSCM14433	EA		1
1	13	PAFZZ	5910-00-577-6173	7599695	19204	CAPACITOR, VARIABLE, CERAMIC DIELECTRIC 5.25PF 557-062-COP039R FSCM72982	EA		1
1	15	PAFZZ	5935-00-897-9351	30384-1	95712	CONNECTOR BNC INPUT FRONT PANNEL 1250-0118 FSCM28480	EA		1
1	17	PAFZZ	5935-00-233-6728	1251-2357	28480	CONNECTOR, RECEPTACLE, ELECTRICAL EAC-301 FSCM82839	EA		1
1	19	PAFZZ	5961-00-965-5917	1901-0040	28480	SEMICONDUCTOR DEVICE, DIODE 30MA AT P30PIV 2PF 2NS SC5050 FSCM 03877	EA		1
1	21	PAFZZ	5340-00-987-0006	5060-0727	28480	BUMPER, SPECIAL	EA		1
1	23	PAFZZ	6625-00-412-1207	5060-0703	28480	FRAME ASSY, SIDE	EA		2
1	25	PAFZZ	5920-00-881-4636	10667874-15	18876	FUSEHOLDER, EXTRACTOR POST	EA		1
1	27	PAFZZ	5970-00-484-2221	5040-4503	28480	INSULATOR	EA		1
1	29	PAFZZ	5999-00-871-9538	1205-0033	28480	HEAT SINK, ELECTRICAL-ELECTRONIC COMPONENT	EA		1
1	31	PAFZZ	5340-00-978-7859	5040-0700	28480	BAIL, CABINET	EA		1
1	33	PAFZZ	5970-00-269-7037	0340-0086	28480	INSULATOR	EA		1
1	35	PAFZZ	5970-00-914-3897	0340-0087	28480	INSULATOR, PLATE	EA		1
1	37	PAFZZ	5970-00-225-8549	0340-0090	28480	INSULATOR, PLATE	EA		1
1	39	PAFZZ	5970-00-080-9780	0340-0091	28480	INSULATOR, PLATE	EA		1
1	41	PAFZZ	5355-00-919-9953	0370-0112	28480	KNOB	EA		1
1	43	PAFZZ	5355-00-908-9402	0370-0113	28480	KNOB	EA		1
1	45	PAFZZ	5355-00-908-9418	0370-0114	28480	KNOB	EA		1
1	47	PAFZZ	5310-00-627-6129	1506-00	78189	LOCK WASHER	EA		1
1	49	PAFZZ	6625-00-014-6028	1120-0919	28480	MULTIMETER, REPLACEMENT 400EL AND 400EL OPTION 02	EA		1
1	51	PAFZZ	5310-00-401-6933	0590-0052	28480	NUT	EA		1
1	53	PAFZZ	6240-00-183-0018	599-125	72765	PILOT INDICATOR NE-LE NEON IN WHITE PLASTIC BODY 1450-0049 FSCM28480	EA		1
1	55	PAFZZ	5905-00-917-0576	0757-0284	28480	RESISTOR, FIXED, FILM 150 OHMS 1PCT	EA		2