D E P A R T M E N T O F T H E A R M Y T E C H N I C A L M A N U A L

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR DIGITAL VOLTMETER, HEWLETT-PACKARD MODEL 3490AOPTION060 (NSN 6625-00-557-8305)

Current as of 1 March 1975

Headquarters, Department of the Army, Washington, DC
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FUNCTIONAL GROUP	GROUP TITLE	MODEL NO	PART NUMBER
6597	Digital Voltmeter	3490AOPTION060	---

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Section I. INTRODUCTION

1. Scope

This manual lists repair parts that are required for maintenance of Digital Voltmeter, Hewlett-Packard Model 3490AOPTION060 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 40 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.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 6597 VOLTMETER, DIGITAL 3490&0OPTON060 28480 MAINFRAME ASSEMBLY CONSISTING OF		
1	3	PAFZZ	4931-00-602-5041	03490-60302	28480	PHOTO ISOLATOR SYSTEM HMZ	EA	1
1	5	PAFZZ	4931-00-600-9388	03490-66523	28480	CIRCUIT CARD ASSEMBLY HMZ	EA	1
1	7	PAFZZ	4931-30-600-93R7	03490-66522	28480	CIRCUIT CARD ASSEMBLY HMZ	EA	1
1	9	PAFZZ	4931-00-600-9344	C3490-66504	28480	CIRCUIT CARD ASSEMBLY HMZ	EA	1
1	11	PAFZZ	6150-00-351-3405	8120-1348	28480	ASSEMBLY KH57041 FSCM 70903 HMZ	EA	1
1	13	PAFZZ	5910-00-497-8921	0160-3313	28480	CAPACITOR, FIXED, CERAMIC DIELECTRIC 5000 PF 20 PCT 250WVAC HMZ	EA	2
1	15	PAFZZ	5935-00-043-4067	1251-0087	28480	CONNECTOR, RECEPTACLE, ELECTRICAL FEMALE 50-PIN MINATURE HMZ	EA	1
1	17	PAFZZ	5935-00-778-9955	1251-0085	28480	CONNECTOR, RECEPTACLE, ELECTRICAL FEMALE 36-PIN MINATURE HMZ	EA	1
1	19	PAFZZ	6625-00-922-3617	5060-0630	28480	EXTENDER BOARD ASSEMBLY HMZ	EA	1
1	21	PAFZZ	6625-00-903-0348	5060-0767	28480	FOOT ASSEMBLY HMZ	EA	5
1	23	PAFZZ	5920-00-556-0144	342022	75915	FUSEHOLDER, EXTRACTOR POST 1400-0C85 FSCM 28480 HMZ	EA	1
1	25	PAFZZ	5920-00-851-9476	F02832V5A	81349	FUSE, CARTRIDGE 10A AT 250VtSLOW-RL3H MDL FSCM 71400 HMZ	EA	1
1	27	PAFZZ	5970-00-092	4977 0340-0481	28480	INSULATOR HMZ	EA	5
1	29	PAFZZ	5962-00-175-8950	DM74CLO4N	12040	MICROCIRCUIT, DIGITAL TTL LP HEX INVERTER 1820-0586 FSCM 28480 HMZ	EA	1
1	31	PAFZZ	5355-00-099-8196	0370-0929	28480	KNOB LEVER, .JADE GREY HMZ	EA	1
1	33	PAFZZ	5905-00-056-0422	0684-4701	28480	RESISTOR, FIXED COMPOSITION 47 OHM 1OPCT 1-4H 06R4-4701 SCM 28480 HMZ	EA	1
1	35	PAFZZ	5905-00-428-7209	0811-2771	28480	RESISTOR, FIXED, WIRE WOUND 0-1B OHM 3PCT 3W HMZ	EA	1
1	37	PAFZZ	5961-00-372-2342	1990-0402	2B480	SEMICONDUCTOR DEVICE, DIODE HMZ	EA	2
1	39	PAFZZ	5935-30-233-6728	1251-2357	28480	CONNECTOR, RECEPTACLE, ELECTRICAL EAC301 FSCM 82389 HMZ	EA	1
1	41	PAFZZ	6625-00-760-9521	1490-0030	28480	STAND, TILT HMZ	EA	1
1	43	PAFZZ	5930-00-372-1969	3101-1720	28480	SWITCH.PUSH PUSHBUTTON DPOT SINGLE STATION HMZ	EA	1
1	45	PAFZZ	5930-00-372-1972	3101-1609	28480	SWITCH, SLIDE SLIDE 2DPDT 11E1039 FSCM 82389 HMZ	EA	1
1	47	PAFZZ	5930-00-372-1998	3100-3078	28480	SWITCH, ROTARY HMZ	EA	1
1	49	PAFZZ	5930-00-372-1999	3100-3076	28480	SWITCH, ROTARY HMZ	EA	1
1	51	PAFZZ	5950-00-372-2000	9100-3281	28480	TRANSFORMER, POWER.STEP-DOWN HMZ	EA	1
1	53	PAFZZ	5961-00-315-1866	1855-0383	28480	SEMICONOUCTOR DEVICES, UNITIZED FET SI N-CHANNEL HMZ	EA	1
1	55	PAFZZ	5961-00-199-6008	JAN2N3055	81349	TRANSISTOR 1854-0063 FSCM 28480 HMZ	EA	1
1	57	PAFZZ	5961-00-137-4608	1854-0071	28480	TRANSISTOR HMZ	EA	2
2	3	PAFFD	4931-00-602-5018	0349G-66501	28480	CIRCUIT CARD ASSEMBLY HMZ	EA	1