

HAND RECEIPT

**COVERING CONTENTS OF COMPONENTS OF
END ITEM (COEI), BASIC ISSUE ITEMS (BII),
AND ADDITIONAL AUTHORIZATION LIST (AAL)**

FOR

**WATER DISTRIBUTION SYSTEM (WDS)
MODEL WDS 20K (4610-01-120-7529)
MODEL WDS 40K (4610-01-114-1451)
MODEL WDS 300K (4610-01-114-1453)
MODEL WDS 800K (4610-01-114-1450)
MODEL WDS 1,000K (4610-01-114-1452)**

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

*This manual supersedes TM 5-4610-228-10-HR, dated 30 July 1990.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
15 JANUARY 1993**

TECHNICAL MANUAL
NO. 5-4610-228-10-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 15 JANUARY 1993

HAND RECEIPT

COVERING CONTENTS OF COMPONENTS OF
END ITEM (COEI), BASIC ISSUE ITEMS (BI),
AND ADDITIONAL AUTHORIZATION LIST (AAL)

FOR

WATER DISTRIBUTION SYSTEM (WDS)
MODEL WDS 20K (4610-01-120-7529)
MODEL WDS 40K (4610-01-114-1451)
MODEL WDS 300K (4610-01-114-1453)
MODEL WDS 800K (4610-01-114-1450)
MODEL WDS 1,000K (4610-01-114-1452)

Current as of 23 November 1992

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 these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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I This manual supersedes TM 5-4610-228-10-HR, dated 30 July 1990.

Section I. INTRODUCTION

1. SCOPE. This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to the Water Distribution System.

2. GENERAL.

a. Section 11 is the overprinted DA Form 2062 which lists the line item entry for system/end item and the content of COEI, BII, and AAL extracted from TM 5-4610-223-13. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-4610-223-13.

b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form 2062 is authorized. However, organizations will comply with local policies in the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies may be requisitioned from the U.S. Army Publications Distribution Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896, in accordance with Chapter 12, AR 25-30.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062). Refer to DA Pam 710-2-1, Chapter 6, for additional information required to complete DA Form 2062.

- a. FROM. Enter the organization, unit, section or squad which issues the property.
- b. TO. Enter the Unit Identifier Code (UIC) and the hand receipt file number of the unit/personnel receiving the property.
- c. HAND RECEIPT NUMBER. Enter a locally designated number. Use it to post the location of property in the property book.
- d. END ITEM STOCK NUMBER. Contains the National Stock Number (NSN) of the end item covered by the hand receipt.
- e. END ITEM DESCRIPTION. Contains the end item short title.
- f. PUBLICATION NUMBER. Contains the TM number of the technical manual containing the operator/crew instructions for the equipment.
- g. PUBLICATION DATE. Date of the operator/crew technical manual.
- h. QUANTITY. Quantity of the end item covered by this hand receipt.
- i. STOCK NUMBER (column a). National stock number of the item described. Items without stock numbers should be requisitioned by Commercial and Government Entity Code (CAGEC) and part number with exception data in accordance with AR 710-2.
- j. ITEM DESCRIPTION (column b). Enter a description of the end item, to include the make or model, and the serial/USA number, followed by item description of COEI, BII, and AAL items. In addition, it will contain the 5-digit Commercial and Government Entity Code (CAGEC), Part Number (P/N), and "Used On Code," if applicable.
- k. * (column c). The Accounting Requirements Code (ARC) is provided here. One of the following ARC's will apply:

NOTE

The Accounting Requirements Code (ARC) refers to property accountability, not the Recoverability Code (RC). The ARC and the RC are listed in the Army Master Data File (AMDF).

N - Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that amountability be maintained throughout the life of the item.

D - Durable: Nonconsumable components of sets, kits, outfits, and assemblages; all tools in FSC's 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220, and 5280; and any other nonconsumable with a price in excess of \$50.00 not already "N".

X - Expendable: Items regardless of type classification or price and which are consumed in use. Includes all class 9 repair parts. Items not consumed in use which cost \$50.00 or less and not already "N" or "D".

i. SEC (column d). The Controlled Inventory Item Code (formerly SEC code) is entered here. This is a one-position code which indicates the security classification, security risks, or pilferage controls required for storage or transportation of assets. Order of precedence for assignment of codes is classified, sensitive, pilferable, unclassified, as applicable. Codes applicable to this hand receipt are as follows:

SEC CODE	CONTROLLED INVENTORY ITEM CODE
U	UNCLASSIFIED PILFERABLE ITEMS
M	Handtools and shop equipment
J	Pilferable item due to its size, shape and utility, which does not fall under one of the above categories. Pilferage controls may be designated by the coding activity to items coded U (unclassified) by recoding the items to J

m. UI (column e). Unit of Issue. Refer to AR 708-1 and/or CDA Pam 18-1 (Catalog Data Activity) for explanation of abbreviations used in this column.

n. QTY AUTH (column f). The quantity authorized to be on hand, or part of the end item.

o. QUANTITY (column g). Actual quantity on hand. Subcolumns A through Fare to be filled in by the receiving unit/personnel in accordance with DA Pam 710-2-1, chapter 6.

p. PAGE___OF___PAGES. Contains page number and total number of pages for the COEI, Bil, and AAL portions of the hand receipt. Hand receipt holder will initial each page No. (only when two or more forms are involved). When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

4. AUTHORIZATION DOCUMENTS.

a. Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).

b. Basic Issue Items (BII) are authorized by the applicable operator's manual.

c. Additional Authorization List (AAL) items are authorized by appropriate MTOE, TDA, CTA or JTA authorization documents.

5. SPECIAL INFORMATION. Items coded (.) indicate information is not available.

SECTION II. HAND RECEIPT

HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:				HAND RECEIPT NUMBER					
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION Water Distribution System (WDS)	PUBLICATION NUMBER TM 5-4610-228-13			PUBLICATION DATE 30 May 1986			QUANTITY			
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY <i>g.</i>						
						A	B	C	D	E	F	
4610-01-120-7529	STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER, HOSPITAL, 20,000 GAL (RDF); (97403) 13225E9128	N		SE								
	COMPONENTS OF END ITEM (COEI)											
4320-01-120-7524	CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113	N		EA	1							
4610-01-123-7705	CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117	N		EA	4							
4610-01-140-6776	CONNECTION KIT: HOSE, 2IN (RDF) (97403) 13225E9132	N		EA	1							
4610-01-123-0644	CONNECTION KIT: HOSPITAL (RDF) (97403) 13225E9129	N		EA	1							
4610-01-141-8882	CONNECTION KIT: SINGLE TANK (RDF) (97403) 13225E9148	N		EA	1							
4730-00-840-0797	COUPLING HALF, QUICK DISCONNECT: CAM LOCKING, MALE, EXTERNAL PIPE THREAD TYPE III, 4 INCH NOMINAL SIZE (96906) MS27022-17	N		EA	1							
4730-00-088-9286	COUPLING HALF, QUICK DISCONNECT: CAM LOCKING FEMALE, INTERNAL PIPE THREAD, TYPE V, 4 INCH NOMINAL SIZE (96906) MS27024-17	N		EA	1							
★ WHEN USED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).												

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	R. QUANTITY					
						A	B	C	D	E	F
	WDS 20K COEI (CONTINUED)										
4610-01-250-3724	HYPOCHLORINATION UNIT: WATER PURIFICATION, FRAME MOUNTED, AUTOMATICALLY CONTROLLED 2 TO 350 GPM FLOW (9680) 1955-3	N		EA	1						
4610-01-175-0760	KIT ACCESSORY: 20,000 GAL SYSTEM (RDF); (97403) 13225E9149	N		EA	1						
4730-00-825-9705	NIPPLE, PIPE: RED BRASS, SEAMLESS 4-IN, DIA EXTERNAL PIPE THREAD TYPE II 6 IN. L (81348)			EA	1						
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT 50 TDH, WITH 2" DIA MALE AND FEMALE CAM LOCKING FITTINGS (81349) MIL-P-52109	N		EA	1						
5430-01-106-9678	TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE 20,000 GAL CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029	N		EA	1						
	BASIC ISSUE ITEMS (BII)										
	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM TM 5-4610-228-13			EA	1						
	ADDITIONAL AUTHORIZATION LIST (AAL)										
5340-00-066-1235	ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541	N		EA	1						
7240-00-222-3088	CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283	N		EA	2						

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HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>	FROM:	TO:	HAND RECEIPT NUMBER
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FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION Water Distribution System (WDS)	PUBLICATION NUMBER TM 5-4610-228-13	PUBLICATION DATE 30 May 1986	QUANTITY
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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	* QUANTITY <i>g.</i>					
						A	B	C	D	E	F
	WDS 20K AAL (CONTINUED)										
5430-01-168-0589	CHEST, WATER, TANK (90598) 13225E9111	N		EA	1						
5411-01-132-1269	SHELTER, EQUIPMENT, MULTIPURPOSE (TRICON)	N		EA	1						
	(81349) MIL-S-28633										
7240-00-177-6154	SPOUT, CAN FLEXIBLE (81349) MIL-S-1285	N		EA	1						

* WHEN USED AS A:
 HAND RECEIPT, enter Hand Receipt Annex Number
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

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WATER DISTRIBUTION SYSTEM

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	*	SEC	UI	QTY AUTH	QUANTITY						
						<i>c.</i>	<i>d.</i>	<i>e.</i>	<i>f.</i>	^R A	B	C

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Reverse of D1 Form 2062

HAND RECEIPT / ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER							
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER	PUBLICATION DATE			QUANTITY				
		Water Distribution System (WDS)	TM 5-4610-228-13	30 May 1986							
STOCK NUMBER a.	ITEM DESCRIPTION b.	★ c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
4610-01-114-1451	STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER BRIGADE, 40,000 GAL (RDF)										
	COMPONENTS OF END ITEM (COEI)										
4610-01-120-7258	CONNECTION KIT: BAG FILLER (97403) 13225E9111	N		EA	1						
4320-01-120-7524	CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113	N		EA	2						
4320-01-120-7523	CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112	N		EA	1						
4320-01-120-7526	CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR 50,000 GAL TANKS (RDF) (97403) 13225E9114	N		EA	1						
4610-01-123-7705	CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117	N		EA	4						
4610-01-140-6776	CONNECTION KIT: HOSE, 2 INCH (RDF) (97403) 13225E9132	N		EA	8						
4610-01-250-3724	HYPOCHLORINATION UNIT: WATER PURIFICATION, FRAME MOUNTED, AUTOMATICALLY CONTROLLED 2 TO 350 GPM FLOW (09680) 1955-3	N		EA	1						
★ WHEN USED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)											

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WATER DISTRIBUTION SYSTEM

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	<i>g.</i> QUANTITY					
						A	B	C	D	E	F
	WDS 40K COEI (CONTINUED)										
4610-01-120-7527	KIT ACCESSORY: 40,000 GAL SYSTEM (RDF); (97403) 13225E9126	N		EA	1						
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT 50 TDH WITH 2" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (81349) MIL-P-52109	N		EA	2						
4320-01-158-2954	PUMP SELF-PRIMING, CENTRIFUGAL: 350 GPM AT 275 TDH WITH 4" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (97403) TL-MIL-P-52144/TA 13225E9200	N		EA	1						
5430-01-106-9678	TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 20,000 GAL CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029	N		EA	3						
6630-01-336-9215	COLOR COMPARATOR (97403) 13200E7400V CASE, COLOR COMPARATOR (97403) 13216E9016V			EA	1						
	BASIC ISSUE ITEMS (BII)										
	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM TM 5-4610-228-13			EA	1						
7520-00-559-9618	CASE, COTTON DUCK (81349) MIL-C-11743										

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HAND RECEIPT / ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:				HAND RECEIPT NUMBER						
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE		QUANTITY					
		Water Distribution System (WDS)	TM 5-4610-228-13			30 May 1986							
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>		★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	<i>g.</i> QUANTITY						
		ADDITIONAL AUTHORIZATION LIST (AAL)					A	B	C	D	E	F	
5340-00-066-1235	ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541		N		EA	3							
7240-00-222-3088	CAN: GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283		N		EA	8							
5430-01-168-0589	CHEST, WATER, TANK (90598) 1322E9111		N		EA	2							
5411-01-132-1269	SHELTER, EQUIPMENT, MULTIPURPOSE (TRICON)		N		EA	4							
	(81349) MIL-S-28633												
7240-00-177-6154	SPOUT, CAN, FLEXIBLE (81349) MIL-S-1285		N		EA	4							
★ WHEN USED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)													

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WATER DISTRIBUTION SYSTEM

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F

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HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER								
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE	QUANTITY					
		Water Distribution System (WDS)	TM 5-4610-228-13			30 May 1986						
STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	*	SEC	UI	QTY AUTH	QUANTITY <i>g</i>						
						A	B	C	D	E	F	
4610-01-114-1453	STORAGE/DISTRIBUTION SYSTEM: POTABLE, WATER, DIVISION, 300,000 GAL (RDF) (97403) 13225E9127			SE								
	COMPONENTS OF END ITEM (COEI)											
4610-01-120-7528	CONNECTION KIT: BAG FILLER (97403) 13225E9111	N		EA	1							
4320-01-120-7524	CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113	N		EA	2							
4320-01-120-7523	CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112	N		EA	2							
4320-01-120-7526	CONNECTION KIT: DUAL TANKS. 10,000, 20,000 OR 50,000 GAL TANKS (RDF) (97403) 13225E9117	N		EA	8							
4610-01-123-7705	CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117	N		EA	4							
4610-01-140-6776	CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132	N		EA	4							
4610-01-140-6775	CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133	N		EA	2							

★ WHEN USED AS A:
 HAND RECEIPT, enter Hand Receipt Annex Number
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

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WATER DISTRIBUTION SYSTEM

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY <i>g.</i>					
						A	B	C	D	E	F
	WDS 300K COEI (CONTINUED)										
4610-01-250-3724	HYPOCHLORINATION UNIT: WATER PURIFICATION, FRAME MOUNTED, AUTOMATICALLY CONTROLLED 2 TO 350 GPM FLOW (09680) 1955-3	N		EA	2						
4610-01-120-7522	INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE (RDF): (97403) 13225E9115	N		EA	2						
4610-01-120-7525	KIT ACCESSORY: 20,000, 50,000 GAL TANKS (RDF) (97403) 134225E9125	N		EA	1						
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT 50 TDH WITH 2" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (81349) MIL-P-52109	N		EA	2						
4320-01-158-2954	PUMP, SELF-PRIMING, CENTRIFUGAL: 350 GPM AT 275 TDH, WITH 4" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (97403) TL-MIL-P-52144/ TA 13225E9200	N		EA	3						
5430-01-106-9678	TANK FABRIC, COLLAPSIBLE: PILLOW TYPE 20,000 GAL CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029	N		EA	16						

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HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER							
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE		QUANTITY			
		Water Distribution System (WDS)	TM 5-4610-228-13			30 May 1986					
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	*	SEC	UI	QTY AUTH <i>f.</i>	QUANTITY <i>g.</i>					
						A	B	C	D	E	F
	WDS 300K BASIC ISSUE ITEMS (BII)										
	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM			EA	1						
	TM 5-4610-228-13										
	ADDITIONAL AUTHORIZATION LIST (AAL)										
5340-00-066-1235	ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541	N		EA	5						
7240-00-222-3088	CAN: GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283	N		EA	16						
5430-01-168-0589	CHEST, WATER, TANK (90598) 13225E9111	N		EA	8						
5411-01-132-1269	SHELTER, EQUIPMENT, MULTIPURPOSE (TRICON)	N		EA	10						
	(81349) MIL-S-28633										
7240-00-177-6154	SPOUT, CAN FLEXIBLE (81349) MIL-S-1285	N		EA	8						
<p>* WHEN USED AS A:</p> <p>HAND RECEIPT, enter Hand Receipt Annex Number</p> <p>HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes</p> <p>HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).</p>											

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WATER DISTRIBUTION SYSTEM

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY <i>g.</i>					
						A	B	C	D	E	F

TM 5-4610-228-10-HR

HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER							
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER	PUBLICATION DATE	QUANTITY						
		Water Distribution System (WDS)	TM 5-4610-228-13	30 May 1986							
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
4610-01-114-1450	STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER, 800,000 GAL (RDF) (97403) 13225E9124	N		SE							
	COMPONENTS OF END ITEM (COEI)										
4610-01-120-7528	CONNECTION KIT: BAG FILLER (97403) 13225E9111	N		EA	1						
4320-01-120-7524	CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113	N		EA	2						
4320-01-120-7523	CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112	N		EA	2						
4320-01-120-7526	CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR 50,000 GAL TANKS (RDF) (97403) 13225E9114	N		EA	8						
4610-01-123-7705	CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117	N		EA	4						
4610-01-140-6776	CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132	N		EA	6						
4610-01-140-6775	CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133	N		EA	2						
4610-01-250-3724	HYPOCHLORINATION UNIT: WATER PURIFICATION, FRAME MOUNTED AUTOMATICALLY CONTROLLED 2 TO 350 GPM FLOW (09680) 1955-3	N		EA	2						

★ WHEN USED AS A:

HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

TM 5-4610-228-10-HR

17

WATER DISTRIBUTION SYSTEM

18

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	★ <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	WDS 800K COEI (CONTINUED)										
4610-01-120-7522	INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE (RDF) (97403) 13225E9115	N		EA	2						
4610-01-120-7525	KIT ACCESSORY: 20,000 AND 50,000 GAL TANKS (RDF) (97403) 13225E9125	N		EA	1						
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT 50 TDH, WITH 2" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (81349) MIL-P-52109	N		EA	2						
4320-01-158-2954	PUMP, SELF-PRIMING, CENTRIFUGAL: 350 GPM AT 275 TDH, WITH 4" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (97403) TL-MIL-P-42144/TA13225E9200	N		EA	3						
5430-01-106-9677	TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 50,000 GAL CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029	N		EA	16						
	BASIC ISSUE ITEMS (BII)										
	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM TM 5-4610-228-13			EA	1						
	ADDITIONAL AUTHORIZATION LIST (AAL)										
5340-00-066-1235	ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541	N		EA	5						
7240-00-222-3088	CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283	N		EA	16						

TM 5-4610-228-10-HR

HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>	FROM:	TO:	HAND RECEIPT NUMBER
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FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION Water Distribution System (WDS)	PUBLICATION NUMBER TM 5-4610-228-13	PUBLICATION DATE 30 May 1986	QUANTITY
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STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	* <i>c</i>	SEC <i>d</i>	UI <i>e</i>	QTY AUTH <i>f</i>	QUANTITY <i>g</i>					
						A	B	C	D	E	F
	WDS 800K AAL (CONTINUED)										
5430-01-168-0589	CHEST, WATER, TANK (90598) 13225E9111	N		EA	16						
5411-01-132-1269	SHELTER, EQUIPMENT, MULTIPURPOSE (TRICON)	N		EA	10						
	(81349) MIL-S-28633										
7240-00-177-6154	SPOUT, CAN, FLEXIBLE (81349) MIL-S-1285	N		EA	8						

* WHEN USED AS A:
 HAND RECEIPT, enter Hand Receipt Annex Number
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

19

TM 5-4610-228-10-HR

WATER DISTRIBUTION SYSTEM

20

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	<i>g.</i> QUANTITY					
						A	B	C	D	E	F

TM 5-4610-228-10-HR

HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER							
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION Water Distribution System (WDS)	PUBLICATION NUMBER TM 5-4610-228-13		PUBLICATION DATE 30 May 1986	QUANTITY					
STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	* <i>c</i>	SEC <i>d</i>	UI <i>e</i>	QTY AUTH <i>f</i>	QUANTITY <i>g</i>					
						A	B	C	D	E	F
4610-01-114-1450	STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER, 1,000,000 GAL (RDF) (97403) 13225E9119	N		SE							
	COMPONENTS OF END ITEM (COEI)										
4610-01-120-7528	CONNECTION KIT: BAG FILLER (97403) 13225E9111	N		EA	1						
4320-01-120-7524	CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113	N		EA	1						
4320-01-120-7523	CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112	N		EA	2						
4320-01-120-7526	CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR 50,000 GAL TANKS (RDF) (97403) 13225E9114	N		EA	10						
4610-01-123-7705	CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117	N		EA	4						
4610-01-140-6776	CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132	N		EA	6						
4610-01-140-6775	CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133	N		EA	2						
4610-01-250-3724	HYPOCHLORINATION UNIT: WATER PURIFICATION, FRAME MOUNTED AUTOMATICALLY CONTROLLED 2 TO 350 GPM FLOW (09680) 1955-3	N		EA	2						

* WHEN USED AS A:

HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)

WATER DISTRIBUTION SYSTEM

22

STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	★ <i>c</i>	SEC <i>d</i>	UI <i>e</i>	QTY AUTH <i>f</i>	R: QUANTITY					
						A	B	C	D	E	F
	WDS 1,000,000 GAL COEI (CONTINUED)										
4610-01-120-7522	INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE (RDF)	N		EA	2						
	(97403) 13225E9115										
4610-01-120-7525	KIT ACCESSORY: 20,000 AND 50,000 GAL TANKS (RDF)	N		EA	1						
	(97403) 13225E9125										
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT	N		EA	1						
	50 TDH, WITH 2" DIA MALE AND FEMALE										
	CAM-LOCKING FITTINGS (81349) MIL-P-52109										
4320-01-158-2954	PUMP, SELF-PRIMING, CENTRIFUGAL: 350 GPM AT	N		EA	3						
	275 TDH, WITH 4" DIA MALE AND FEMALE CAM-LOCKING										
	FITTINGS (97403) TL-MIL-P-52144/TA13225E9200										
5430-01-106-9677	TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 50,000 GAL	N		EA	20						
	CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029										
	BASIC ISSUE ITEMS (BII)										
	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM			EA	1						
	TM 5-4610-228-13										
	ADDITIONAL AUTHORIZATION LIST (AAL)										
5340-00-066-1235	ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541	N		EA	4						
7240-00-222-3088	CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283	N		EA	14						

TM 5-4610-228-10-HR

WATER DISTRIBUTION SYSTEM

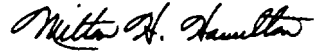
24

STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	★ <i>c</i>	SEC <i>d</i>	UI <i>e</i>	QTY AUTH <i>f</i>	QUANTITY <i>g</i>					
						A	B	C	D	E	F

TM 5-4610-228-10-HR

By Order of the Secretary of the Army:

Official:



MILTON H. HAMILTON
*Administrative Assistant to the
Secretary of the Army*

03578

GORDON R. SULLIVAN
*General, United States Army
Chief of Staff*

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PFC JOHN DOE
COA, 3d ENGINEER BN
FT. LEANBARWOOD, MO 63108

DATE SENT

PUBLICATION NUMBER

TM 5-4610-228-10-HR

PUBLICATION DATE

30 July 1990

PUBLICATION TITLE

WATER DISTRIBUTION SYSTEM

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PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
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6

2-1
a

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 Cylinders. The engine on my set only has 4 Cylinders. Change the manual to show 4 Cylinders.

B1

4-3

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

125

line 20

I ordered a gasket, item 19 on figure B-16 by NSN 2 910-05-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE

JOHN DOE

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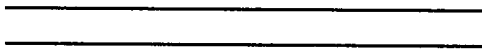
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FIGURE NO

TABLE NO

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TEAR ALONG PERFORATED LINE

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigram = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
----	------------------------	----------------------------	---------------------	----

