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HAND RECEIPT MANUAL  
COVERING END ITEM/COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS  
(BII) AND ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR  
GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD.  
30 KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS

DOD MODEL		HERTZ	NSN
MEP-005A	UTILITY	50/60	6115-00-118-1240
MEP-104A	PRECISE	50/60	6115-00-118-1247
MEP-114A	PRECISE		6115-00-118-1248

DOD MODEL	INCLUDING AUXILARY EQUIPMENT NOMENCLATURE	NSN
MEP-005AWF	WINTERIZATION KIT, FUEL BURNING	6115-00-463-9083
MEP-005AWE	WINTERIZATION KIT, ELECTRIC	6115-00-463-9085
MEP-005ALM	LOAD BANK KIT	6115-00-463-9088
MEP-005AWM	WHEEL MOUNTING KIT	6115-00-463-9094

Approved for public release; Distribution unlimited

\* This manual supersedes TM 5-6115-465-12-HR, 14 October 1988

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HEADQUARTERS, DEPARTMENT OF THE ARMY

CHANGE  
NO. 1

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 1 October 1996

HAND RECEIPT MANUAL  
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INCLUDING AUXILIARY EQUIPMENT

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MEP-005AWM	WHEEL MOUNTING KIT	6115-00-463-9094
MEP-030ASK	ACOUSTIC SUPPRESSION KIT (ARMY ONLY)	6115-01-234-6545

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1. Title has been changed to add new Model as shown above.
2. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages  
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3. Retain this sheet in front of manual for reference purposes.

TM 5-6115-465-10-HR  
C1

By Order of the Secretary of the Army:

Official:



JOEL B. HUDSON  
Administrative Assistant to the  
Secretary of the Army  
02476

DENNIS J. REIMER  
General, United States Army  
Chief of Staff

DISTRIBUTION:

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HAND RECEIPT

TM 5-6115-465-10-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 10 October 1989

HAND RECEIPT MANUAL  
COVERING END ITEM/COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS  
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NOMENCLATURE

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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-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to <mpmt%/oavma28@st-louis-emh7.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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\* This manual supersedes TM 5-6115-465-12-HR, dated 14 October 1988.



HAND RECEIPT FOR CONTENTS OF  
COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND  
ADDITIONAL AUTHORIZATION LIST ITEMS FOR  
GENERATOR SET, DIESEL ENGINE DRIVEN  
TACTICAL SKID MOUNTED 30 KW, 3 PHASE,  
4 WIRE, 120/208 AND 240/416 VOLTS

Section I. INTRODUCTION

1. SCOPE: This publication provides 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 Generator Set, Diesel Engine Driven, Tactical Skid Mounted: 30 KW, 3 Phase, 4 Wire, 120/208 and 240/416 Volts.

2. GENERAL.

a. Section II is the overprinted DA Form 2062 which lists the content of COEI, BII, and AAL extracted from TM 5-6115-465-12. The listings consist of exactly the same items and are in the same sequence as those listed in TM 5-6115-465-12.

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 is authorized. However, organizations shall comply with local policies on the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies of this publication may be requisitioned from: U.S. Army Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896. See DA Pamphlet 310-10-2 for proper requisitioning procedures.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062). Refer to DA PAM 710-2, Chapter 6. Additional information required to complete DA Form 2062 is listed below:

a. Hand receipts shall identify the accounting requirement status of all line item entries via column c. One of the following Accounting Requirement Codes (ARC) will apply:

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

(D) For 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) For 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".

b. Authorization documents are as follows:

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

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

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

SECTION II - HAND RECEIPT

<b>HAND RECEIPT/ANNEX NUMBER</b> <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					
		Generator Set, Diesel Eng. Drvn.	TM 5-6115-465-12			31 Jan 75						
STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC d.	UI e.	QTY AUTH f.	QUANTITY g.						
						A	B	C	D	E	F	
	BASIC ISSUE ITEMS (BII)											
	Not Applicable											
	SYSTEM/END ITEM, COMPONENTS OF END ITEM (COEI)											
	Not Applicable											
	ADDITIONAL AUTHORIZATION LIST (AAL)											
6150-00-123-0108	CABLE, POWER, ELECTRICAL				1							
4120-00-555-8837	EXTINGUISHER, FIRE				1							
4910-00-204-3170	GAGE, TIRE PRESSURE				1							
4930-00-253-2478	GREASE GUN, HAND LEVER OPERATED				1							
4930-00-141-8311	HOSE ASSEMBLY, GREASE GUN				1							
6115-00-463-9088	LOAD BANK KIT				1							
5120-01-013-1676	PULLER, GROUND ROD				1							
4120-00-708-0031	REPLACEMENT CYLINDER				1							
5975-00-878-3791	ROD, GROUND, ASSEMBLY				1							
<p>* 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).</p>												





**By Order of the Secretary of the Army:**

**CARLE E. VUONO**  
*General, United States Army*  
*Chief of Staff*

**Official:**

**WILLIAM J. MEEHAN, II**  
*Brigadier General United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25A, Unit Maintenance requirements for Generator Set, Diesel Driven, Tactical, Skid Mounted, 120/208V, 240/416V, 30KW, 3PH, 4 Wire (50/60HZ: MEP-005A, MEP-104A; 400HZ: MEP-114A).



RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)  
**PFC JOHN DOE**  
**COA, 3d ENGINEER BN**  
**FT. LEONARDWOOD, MD 63108**  
 DATE SENT

PUBLICATION NUMBER TM 5-6115-465-10-HR	PUBLICATION DATE 10 October 1989	PUBLICATION TITLE Hand Receipt for Generator Set, Diesel Engine Driven
---	-------------------------------------	---

BE EXACT. PIN-POINT WHERE IT IS				IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:
PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO	
6	2-1 a			In line 6 of paragraph 2-1a the manual stated the engine has <u>6</u> cylinders. The engine on my set only has <u>4</u> cylinders. Change the manual to show <u>4</u> cylinders.
81		4-3		Callout 16 on figure 4-3 is pointing at a <u>bolt</u> . In key to figure 4-3, item 16 is called a <u>shim</u> - 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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER  
**JOHN DOE, PFC (268) 317-7111**

SIGN HERE *John Doe*  
**JOHN DOE**

DA FORM 2028-2  
 1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.  
 DRSTS-M Overprint 1, 1 Nov 80

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

FILL IN YOUR  
UNIT'S ADDRESS

FOLD BACK

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COMMANDER  
U S ARMY TROOP SUPPORT COMMAND  
ATTN: AMSTR-MCTS  
4300 GOODFELLOW BOULEVARD  
ST. LOUIS, MO 63120-1798

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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

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