

**HAND RECEIPT**

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

**FOR**

**COMPRESSOR, RECIPROCATING AIR, 15 CFM,  
175 PSI, TANK MOUNTED, GED  
(BAUER MODEL KAB-545-15)  
NSN 4310-01-069-6935**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
24 JULY 1981**

HAND RECEIPT

TM 5-4310-363-14-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 24 July 1981

HAND RECEIPT  
COVERING END ITEM/COMPONENTS OF END ITEM (COEI),  
BASIC ISSUE ITEMS (BII), AND  
ADDITIONAL AUTHORIZATION LIST ITEMS (AAL)  
FOR  
COMPRESSOR, RECIPROCATING AIR, 15 CFM,  
175 PSI, TANK MOUNTED, GED  
100 PSIG  
(BAUER MODEL KAB-545-15)  
NSN 4310-01-069-6935

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or 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), or DA Form 2028-2, located in back of this manual, direct to Commander, US Army Troop Support and Aviation Materiel Readiness Command, ATTN: DRSTS-MTT, 4300 Goodfellow Blvd., St. Louis, MO 63120. A reply will be furnished direct to you.

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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 Compressor.

**2. General.**

**a.** Section II 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 5-4310-363-14. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-4310-363-14.

**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 shall 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 of this publication may be requisitioned from the US Army AG Publications Center, 1655 Woodson Road, St. Louis, MO 63114, in accordance with Chapter 2, AR 310-2.

**3. Explanation of Blocks and Columns (DA Form 2062).** Refer to Chapter 2, AR 710-2. Additional information required to complete DA Form 2062 is listed below:

**a.** Hand receipts shall identify an Expendability (EXP) /Accounting Requirements Code (ARC), in parentheses, as listed below and shall be the first entry in the item description column.

(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 FSCs 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 for 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, CTS, or JTA authorization documents.

<b>HAND RECEIPT/ANNEX NO.</b>		<b>FROM:</b>				<b>TO:</b>										
For use of this form, see AR 735-35, the proponent agency is the office of the Deputy Chief of Staff for Logistics						Hand Receipt File No.										
Following last item, state in each balance column the type of action (e.g. issue, turn-in, inventory, etc.) producing this balance, date of action, and signature.		Fill in the following when this form is used as Hand Receipt Annex.														
		CATALOG NO. TM 5-4310-363-14				CURR OF ALW		ITEM Compressor, Reciprocating Air								
STOCK NO.	ITEM DESCRIPTION	T <sup>1</sup>	C <sup>2</sup>	BALANCE												
		(a)	(t)	1	2	3	4	5	6	7	8	9	10	11	12	
4310-01-069-6935	(N) COMPRESSOR, RECIPROCATING AIR	1														
	Components of End Item (COEI)															
4910-00-030-2365	(N) INFLATOR ASSEMBLY	1														
	(N) HOSE, AIR (57328) 20605-3000125	1														
	Basic Issue Items (BII)															
	(N) TM 5-4310-363-4	1														
	Additional Authorization List (AAL)	1														
4210-00-555-8837	(N) EXTINGUISHER, FIRE	1														
<sup>1</sup> T - Total allowance for Hand Receipts. (a) Authorized per item for Hand Receipt Annex.										PAGE NO.		1				
<sup>2</sup> C - Current operating allowance for Hand Receipts (t) Total authorized for Hand Receipt Annexes.										NO. OF PAGES		1				

By Order of the Secretary of the Army:

Official:

**E. C. MEYER**  
*General, United States Army*  
*Chief of Staff*

**ROBERT M. JOYCE**  
*Brigadier General, United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25A, Operator Maintenance requirements for Air Compressors: 15 CFM.

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, MO 63108**  
 DATE SENT

PUBLICATION NUMBER: **TM 5-4310-363-14-HR**  
 PUBLICATION DATE: **24 Jul 81**  
 PUBLICATION TITLE: **Compressor, Reciprocating Air, 15 CFM, 175 PSI, GED**

BE EXACT. PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
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<b>6</b>	<b>2-1 a</b>		
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<b>B1</b>		<b>4-3</b>	
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<b>125</b>	<b>line 20</b>		
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*Sample*

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.*

*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.*

*I ordered a gasket, item 19 on figure B-16 by NSN 2 910-00-762-3001. 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*  
**JOHN DOE**

DA FORM 1 JUL 79 2028-2

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

TEAR ALONG PERFORATED LINE

REVERSE OF DA FORM 2028-2

Reverse of DRSTS-M Overprint 1,  
1 Nov 80

FILL IN YOUR  
UNIT'S ADDRESS

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POSTAGE AND FEES PAID  
DEPARTMENT OF THE ARMY  
DOD 314



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PENALTY FOR PRIVATE USE \$300

COMMANDER  
U S ARMY SUPPORT AND AVIATION MATERIEL READINESS COMMAND  
ATTN: DRSTS-MTT  
4300 GOODFELLOW BOULEVARD  
ST. LOUIS, MO 63120

TEAR ALONG PERFORATED LINE





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ST. LOUIS, MO 63120

### 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 decigrams = .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

<i>To Change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
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	1.365	metric tons	short tons	1.102
pound-inches	newton-meters	.11375			

### Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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**TM 5-4310-363-14-HR**

**PIN: 049563-000**