

HAND RECEIPT

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

**HOSELINE OUTFIT, FUEL HANDLING, 4-INCH DIAMETER,
NSN 3835-00-892-5157
AND
NSN 3835-01-261-6518**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY
1 MAY 1995**

TECHNICAL MANUAL
NO. 10-3835-219-10-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON D.C., 1 May 1995

HAND RECEIPT

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

HOSELINE OUTFIT, FUEL HANDLING, 4-INCH DIAMETER,
NSN 3835-00-892-5157
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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. A reply will be furnished directly 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 Hoseline Outfit, 4-Inch.

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 10-3835-219-14. The listings consist of exactly the same items and are in the same sequence as those listings in TM 10-3835-219-14.

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 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 accountability be maintained throughout the life of the item.
- D - Durable: Nonconsumable components of sets, kits, out-fits, 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 F are 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, BII, 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 Pans 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.** SPECIAL INFORMATION. Items coded (-) indicate information is not available.

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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 383500-892-5157 383501-261-6518	END ITEM DESCRIPTION HOSELINE OUTFIT, FUEL HANDLING		PUBLICATION NUMBER TM 10-3835-219-10-HR		PUBLICATION DATE 1 MAY 1995		QUANTITY						
STOCK NUMBER a		ITEM DESCRIPTION b			* c	SEC d	UI e	QTY AUTH f	QUANTITY					
									A	B	C	D	E	F
3835-00-226-0509		DISPLACEMENT AND EVACUATION KIT CONSISTING OF THE FOLLOWING:												
		BALL INLET (62913) 13200E6226			X	U	EA	1						
		DISPLACEMENT BALL (62913) 1322E6229			X	U	EA	1						
		GROOVED COUPLING (79154) MIL-C-10387-3A09			X	U	EA	8						
		PIPE CAP (79154) MIL-P-10388-A05AICA			X	U	EA	16						
		EJECTOR ASSEMBLY (72661) GL-11			X	U	EA	1						
3835-00-686-1008		SUSPENSION KIT HOSELINE (81349) MIL-S-52347 CONSISTING OF THE FOLLOWING:			X	U	EA	1						
		WIRE ROPE (81348) RR-W410			X	U	FT	350						
		MANILA ROPE (81348) T-R-605 (RRW410, TYPE 1, CLASS 1)			X	U	FT	350						
		WIRE ROPE CLAMPS (81348) FF-C450-TYI (T-R-605, TYPE M, CLASS 2)			X	U	EA	25						
		SHACKLES (81348) KR-C-271 TY IV CL2 (RR-C-271, TYPE V, CLASS 2 0375)			X	U	EA	60						
		HOSE SADDLES (97403) 13220E4792			X	U	EA	60						

*WHEN USED AS A,
 HAND RECEIPT enter Hand Receipt Annex Number
 HAND RECEIPT FOR QUARTERS FURNITURE. enter Condition Code
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC) PAGE 1 OF 5 PAGES

STOCK NUMBER a	ITEM DESCRIPTION b	*	SEC	UI	QTY AUTH f	QUANTITY					
						A	B	C	D	E	F
	STEEL PICKETS (81346) ASTM A575-81 (ASTMA 575 GRADE	X	U	EA	14						
3940-00-926-3728	M1020-ASTM A 108 UNSG10180) STEEL BLOCKS (81348) GGGB 490 (GGG-B-490 TYPE II, 4 INCH SHELL LENGTH)	X	U	EA	4						
	TURNBUCKLES (81348) FFT 791A TYPE 1 (TYPE 1, FORM 1, CLASS 5, 0.500 INCH BY 12 INCH)	X	U	EA	4						
4030-00-266-0085	WIRE ROPE THIMBLES (81348) FF-T-276 (FF-T-276, TYPE I, 0.375)	X	U	EA	4						
3835-00-686-1004	PACKING KIT, HOSELINE (97403) MILP52348 CONSISTING OF THE FOLLOWING	X	U								
3950-00-171-6337	CHAIN HOIST (81349) MIEH-904H	X	U	EA	1						
4730-01-112-2934	RETAINING BRACKET, LH (97403) 13222E9739	X	U	EA	2						
5310-01-070-2105	NUT, PLAIN HEXAGON (96906) MS 51967-14	X	U	EA	6						
5305-00-071-2079	SCREW CAP HEXAGON (96906) MS 90728-123	X	U	EA	2						
5340-01-112-2935	RETAINING BRACKET, RH (97403) 13222E9740	X	U	EA	2						
4730-01-128-6346	PULL BOARD ASSEMBLY (97403) 13222E9738	X	U	EA	1						
5310-00-809-5998	WASHER (96906) MS27183-18	X	U	EA	2						
5306-00-141-7179	BOLT EYE (96906) MS27950-8	X	U	EA	1						
5310-00-088-1251	NUT (96906) MS51922-1	X	U	EA	8						
	BOLT (96906) MS35751-22	X	U	EA	8						
	BRACE (81346) ASTEM A366	X	U	EA	2						

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 ANNEXICR ONLY	END ITEM STOCK NUMBER 383500-892-5157 383501-261-6518	END ITEM DESCRIPTION HOSELINE OUTFIT, FUEL HANDLING	PUBLICATION NUMBER TM 10-3835-219-10-HR	PUBLICATION DATE 1 MAY 1995		QUANTITY					
STOCK NUMBER a	ITEM DESCRIPTION b	*	SEC d	UI e	QTY AUTH f	QUANTITY					
						A	B	C	D	E	F
	BOARD (81348) MM-L-736	X	U	EA	1						
3835-00-686-1006	FLOW CONTROL KIT, HOSELINE (81349) MIL-F-52345	X	U	EA	1						
	GATE VALVES (81349) MILY-58039E	X	U	EA	2						
	TEE PIPE (81349) MIL-P-10388-A-19	X	U	EA	1						
	COUPLINGS, CLAMP, PIPE (81349) M/LC-10387-1-B-A	X	U	EA	8						
	CHECK VALVES (11836) 830-041030-001	X	U	EA	2						
	HOSE ASSEMBLIES (81349) MIL-H-52262	X	U	EA	2						
4730-01-149-5802	STRAINER ASSEMBLY (97403) 13204E9839	X	U	EA	1						
	COUPLINGS GROOVED TO EXTERNAL THREAD (81349) MIL-P-10388-A-07	X	U	EA	2						
	COUPLINGS GROOVED EXTERNAL THREAD (81349) MIL-P-10388-A-019	X	U	EA	2						
4730-00-840-0797	COUPLING HALVES, MALE EXTERNAL PIPE THREADS(81349) MS27022-17	X	U	EA	2						
4730-00-840-0799	COUPLING HALVES, FEMALE EXTERNAL PIPE THREADS(81349) MILC-27487 CL1	X	U	EA	2						
	TAPE, ELECTRICIAN'S FISHING (81348) GGG-T-001310	X	U	EA	1						
3835-00-226-0509	DISPLACEMENT AND EVACUATION & REPAIR KIT, HOSELINE(81349) MIL-R-52343 (81349) MIL-D-52349	X	U	EA	1						

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STOCK NUMBER a	ITEM DESCRIPTION b	*	SEC	UI	QTY AUTH f	QUANTITY					
						A	B	C	D	E	F
	GROOVED TO HOSE ADAPTERS (97403) 13222E7751	X	U	EA	10						
	GROOVED COUPLINGS (79154) MIL-C-10387, TYII, 4 IN	X	U	EA	3						
	RUBBER ADHESIVE (8 OZ CAN) PPP-C-96 TYPE V, CLASS 4	X	U	EA	5						
	HOSE CLAMPS (30659) 832-40	X	U	EA	4						
	HAMMER (40 OZ)	X	U	EA	1						
	KNIFE GGG-K-481, TYPE 11, 6 INCH BLADE	X	U	EA	1						
7510-00-634-2802	RUBBER TAPE (FEET) MIL-T-1320, TYPE TL-318/VI	X	U	EA	150						
7510-00-145-0002	TAPE, VINYL (FEET) (81348) PPP-T-66, (2 INCH)	X	U	EA	350						
5340-00-245-9440	BANDING STRAP (FEET) (70847) C206 (0.750 X 0.30)	X	U	EA	200						
5340-00-244-7327	BANDING BUCKLES (70847) C256 (0.750 INCH-WIDE BAND)	X	U	EA	100						
5120-00-276-9925	BANDING TOOL (70847) GGG-C-00413	X	U	EA	1						
6850-00-664-5685	SOLVENT (1-QUART CAN) (81346) ASTM D235 TY1	X	U	EA	3						
	SCREWDRIVER GGG-S-121 (TYPE I, CLASS 5, STYLE 1,) DESIGN A	X	U	EA	1						
	SOCKET WRENCH GGG-W-641 (TYPE II, CLASS 2, STYLE A)	X	U	EA	1						
	SOCKET WRENCH HANDLE GGG-W-641 (TYPE III, CLASS 3, STYLE A)	X	U	EA	1						
7920-00-205-1711	RAGS (58536) A-A531	X	U	LB	50						
4730-00-132-0801	GROOVED COUPLING RING (97403) 13222E9737	X	U	EA	2						

STOCK NUMBER a	ITEM DESCRIPTION b	*	SEC	UI	QTY AUTH f	QUANTITY					
						A	B	C	D	E	F
HAND RECEIPT/ ANNEX NUMBER <i>For use of this for, see DA PAM 710-2-1 The proponent agency is ODCSSLOG</i>		FROM:		TO :		HAND RECEIPT NUMBER					
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5120-00-731-7439	KEY, SOCKET HEAD SCREW (10001) 1549785	X	U	EA	2						
4730-01-149-5800	BALL INLET (62913) 13200E6226	X	U	EA	1						
4730-00-149-5801	BALL RECEIVER (62913) 13200E6229	X	U	EA	1						
	BALL, DISPLACEMENT 7Y367 04-PL-CYL-1	X	U	EA	1						
4730-00-640-6512	COUPLING CLAMP, PIPE (79154) M10387-1B-09	X	U	EA	8						
4730-00-964-2879	PIPE CAPS (79154) MIL-P-10388-A05AICA	X	U	EA	16						
	EJECTOR ASSEMBLY (89117) 29434	X	U	EA	1						
	SUSPENSION AND PACKING KIT, (HOSELINE) (SEE NSN 3835-00-686-1008 FOR BREAKDOWN OF PARTS)	X	U	EA	1						
3940-00-967-5976	SLING ASSEMBLY, LIFTING (97403) 13212E7102	X	U	EA	1						
4720-00-786-5201	HOSE ASSEMBLY AND FLAKING BOX (97403) 13200E5940	X	U	EA	13						
	REPAIR KIT, HOSELINE (97403) 13229E9888	X	U	EA	1						

TM 10-3835-219-10-HR

By Order of the Secretary of the Army:

Official:



JOEL B. HUDSON
*Acting Administrative Assistant to the
Secretary of the Army*
00126

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

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DA FORM 2028-2 JUL 79

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

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	1.356	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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