

**ARMY TM 9-2320-365-10-HR**  
**AIR FORCE T.O. 36A12-1B-1095-11**

This manual supersedes TM 9-2320-365-10-HR, 17 June 1998.

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**HAND RECEIPT**  
**COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI),**  
**BASIC ISSUE ITEMS (BII),**  
**AND ADDITIONAL AUTHORIZATION LIST (AAL)**  
**FOR M1078 SERIES, 2-1/2 TON, 4X4, LIGHT MEDIUM**  
**TACTICAL VEHICLES**  
**(LMTV)**

<b>MODEL</b>	<b>NSN</b>	<b>EIC</b>	<b>UOC</b>
TRK, CAR., LMTV, M1078			
W/WN	2320-01-360-1898	BHH	LWB
W/O WN	2320-01-354-3385	BHD	LAB
TRK, VAN, LMTV, M1079			
W/WN	2320-01-360-1891	BHG	LWD
W/O WN	2320-01-354-3384	BHE	LAD
TRK, CHAS, LMTV, M1080	2320-01-353-9098	BHC	LAA
TRK, CAR., LMTV, AIR DROP, M1081			
W/WN	2320-01-360-1899	BHJ	LWC
W/O WN	2320-01-355-3064	BHF	LAC

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**HEADQUARTERS, DEPARTMENTS OF THE ARMY AND THE AIR FORCE**

**31 MAY 2001**

Washington, D.C., 31 May 2001

TECHNICAL MANUAL  
TM 9-2320-365-10-HR

TECHNICAL ORDER  
NO. 36A12-1B-1095-11

**HAND RECEIPT**

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

**M1078 SERIES, 2-1/2 TON, 4X4, LIGHT MEDIUM TACTICAL VEHICLES  
(LMTV)**

<b>MODEL</b>	<b>NSN</b>	<b>EIC</b>	<b>UOC</b>
TRK, CAR., LMTV, M1078			
W/WN	2320-01-360-1898	BHH	LWB
W/O WN	2320-01-354-3385	BHD	LAB
TRK, VAN, LMTV, M1079			
W/WN	2320-01-360-1891	BHG	LWD
W/O WN	2320-01-354-3384	BHE	LAD
TRK, CHAS, LMTV, M1080	2320-01-353-9098	BHC	LAA
TRK, CAR., LMTV, AIR DROP, M1081			
W/WN	2320-01-360-1899	BHJ	LWC
W/O WN	2320-01-355-3064	BHF	LAC

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

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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), related to the M1078 Series, 2-1/2 Ton, 4X4, Light Medium Tactical Vehicle (LMTV).
  
2. **GENERAL.**
  - a. Section II is the overprinted DA Form 2062 which lists the line item entry for system/end item and the contents of COEI, BII, and AAL extracted from TM 9-2320-365-10. The listings consist of exactly the same items and are in the same sequence as those listed in TM 9-2320-365-10.
  
  - 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 Blvd., 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 issuing 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 (NSN) 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 contains the 5-digit Commercial and Government Entity Code (CAGEC), Part Number (P/N), and "Used On" codes, listed in the "Description" column, identify which items are used on different models. Codes used for this hand receipt are:

<b>Used on Code</b>	<b>Model</b>
Blank	All
LAB	M1078 W/O WN
LWB	M1078 W/WN
LAD	M1079 W/O WN
LWD	M1079 W/WN
LAC	M1081 W/O WN
LWC	M1081 W/WN

k. (column c). The Accounting Requirements Code (ARC). One of the following ARCs will apply:

**NOTE**

The Accounting Requirements Code (ARC) refers to property accountability, not the Recoverability Code (RC). The ARC and 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, outfits, and assemblages; all tools in FSCs 5110, 5120, 5130, 5133, 5140, 5180, 5210, 5220, and 5280; and any other non-consumable 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".

l. 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, or unclassified, as applicable. Codes applicable to this hand receipt are as follows:

SEC  
CODE Controlled Item Inventory 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. Subcolumn A through F are 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 number (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 TM 9-2320-365-10.

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

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

**SECTION II**

FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER <small>See Series Below</small>	END ITEM DESCRIPTION M1078 Series, 2-1/2-Ton, 4X4, Light Medium Tactical Vehicle (LMTV)	PUBLICATION NUMBER TM 9-2320-365-10-HR	PUBLICATION DATE	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>	g. QUANTITY					
	USE ON CODE							A	B	C	D	E	F
2320-01-354-3385	Truck, Cargo: LMTV M1078 W/O WN			LAB									
2320-01-360-1898	Truck, Cargo: LMTV M1078 W/WN			LWB									
2320-01-354-3384	Truck, Van: LMTV M1079 W/O WN			LAD									
2320-01-360-1891	Truck, Van: LMTV M1079 W/WN			LWD									
2320-01-353-9098	Truck, Chassis: LMTV M1080			LAA									
2320-01-355-3064	Truck, Cargo: LMTV M1081 AIR DROP W/O WN			LAC									
2320-01-360-1899	Truck, Cargo: LMTV M1081 AIR DROP W/WN			LWC									
<p>* WHEN USED AS A:</p> <p>HAND RECEIPT, enter Hand Receipt Annex Number</p> <p>HAND RECEIPT FOR QUARTER FURNITURE, enter Conditions Code</p> <p>HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC) <span style="float: right;">PAGE <u>  1  </u> OF <u>  6  </u> PAGES</span></p>													

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FORM  
DA 2062  
JAN 02

EDITION OF JAN 58 IS OBSOLETE

CURRENT AS OF 31 MAY 2001

TM 9-2320-365-10-HR

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	USE ON CODE	* <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
<b>COMPONENTS OF END ITEM (COEI)</b>												
2540-01-453-6945	COVER, RADIATOR, COLD WEATHER		X	U	EA	1						
	(0FW39) 12421395				EA	1						
2540-01-394-9681	LADDER, BOARDING (19207) 12418950	LAB, LAC,	X	U	EA	1						
		LWB, LWC										
	LADDER, BOARDING (19207) 12421355	LAD, LWD	X	U	EA	1						
3940-01-469-9939	SLING SET, MULTIPLE LEG (19207) 12419197	LAC, LWC	X	U	EA	1						
5340-01-433-4157	STRAP, WEBBING (19207) 12421187	LAC, LWC	X	U	EA	1						
	WRENCH ASSEMBLY, SPEED HANDLE	LAC, LWC	D	M	EA	1						
	W/UNIVERSAL SOCKET (0FW39) TV950065											
<b>BASIC ISSUE ITEMS (BI)</b>												
2540-00-670-2459	BAG ASSEMBLY, PAMPHLET (19207) 7961712		X	U	EA	1						
5140-00-772-4142	BAG, TOOL (19207) 7724142		D	M	EA	1						
5120-00-243-2419	BAR, SOCKET WRENCH HANDLE (19207) 6196147		X	U	EA	1						
7510-00-889-3494	BINDER, LOOSE LEAF (19207) 11677003		X	U	EA	1						
3940-01-447-4095	BLOCK, TACKLE (75535) M8011971	LWB, LWC	D	U	EA	1						
	CHAIN, WELDED (0FW39) 12418052		X	U	EA	1						
2540-00-678-3469	CHOCK, WHEEL (58536) A-A-52475-1		X	U	EA	2						
4210-01-149-1356	EXTINGUISHER, FIRE (19207) 12255633-1		X	U	EA	1						

FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER See Series Below	END ITEM DESCRIPTION M1078 Series, 2-1/2-Ton, 4X4, Light Medium Tactical Vehicle (LMTV)	PUBLICATION NUMBER TM 9-2320-365-10-HR				PUBLICATION DATE	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>	<i>g.</i> QUANTITY						
	USE ON CODE						A	B	C	D	E	F	
	<b>(BII) - Continued</b>												
4910-01-038-2820	INFLATOR-GAGE, TIRE, W/HOSE (19207) 11677140-5		X	U	EA	1							
5120-01-374-0532	JACK, HYDRAULIC, HAND OPERATED (0E3L5) D-51013		D	M	EA	1							
5340-01-468-5390	PADLOCK SET (22107) 5200GLKAZ		X	U	EA	1							
5120-00-223-7397	PLIERS, SLIP JOINT, 8 IN. (56161) 10510983		D	M	EA	1							
5120-00-234-8912	SCREWDRIVER, CROSSTIP (19207) 11655777-9		D	M	EA	1							
5120-00-234-8913	SCREWDRIVER, CROSSTIP (19207) 11655777-12		D	M	EA	1							
5120-00-237-6985	SCREWDRIVER, FLATTIP (56161) 10510988		D	M	EA	1							
	TECHNICAL MANUAL, OPERATOR'S, M1078				EA	1							
	SERIES, 2-1/2 TON, TM 9-2320-365-10												
9905-00-148-9546	WARNING DEVICE KIT (19207) 11669000		X	U	EA	3							
5120-00-240-5328	WRENCH, ADJUSTABLE, 8 IN. (19207) 11655778-3		D	M	EA	1							
5120-00-264-3796	WRENCH, ADJUSTABLE, 12 IN. (19207) 11655778-5		D	M	EA	1							
5120-00-316-9217	WRENCH, SOCKET (19207) 11677000-3		D	M	EA	1							
2510-00-790-2296	ROD, GROUND, 3/4 IN. DIAMETER (19207)	LAD, LWD	X	U	EA	1							
	8380403												
5995-01-190-5573	CABLE ASSEMBLY, 10FT (80063)	LAD, LWD	X	U	EA	1							
	SC-D-883964GRP9-1												
5995-01-134-3159	CABLE ASSEMBLY, POWER, ELECTRICAL	LAD, LWD	X	U	EA	1							
	(80063) SC-D-883963-G9-3												
* WHEN USED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTER FURNITURE, enter Conditions Code HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)													



STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	USE ON CODE	* <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		
	<b>(BII) - Continued</b>													
6150-01-460-9581	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL (0FW39) 12421527	LAD, LWD	X	U	EA	1								
5120-00-900-6103	HAMMER, HAND (58536) A-A1292	LAD, LWD	D	M	EA	1								
	<b>ADDITIONAL AUTHORIZATION LIST (AAL)</b>													
4010-01-470-2864	ADAPTER KIT, LADDER, S280 SHELTER (19207) 57K1950	LAB, LAC, LWB, LWC	X	U	KT	1								
6665-00-859-2215	ALARM UNIT, CHEMICAL AGENT AUTOMATIC ALARM (81361) D5-15-4826		N	U	EA	1								
5110-00-293-2336	AX, SINGLE BIT (19207) 6150925		D	M	EA	1								
4010-00-473-6166	CHAIN, 16 FT (19207) 7077063		X	U	EA	1								
2540-00-933-9033	CHAIN ASSEMBLY, TIRE (58536) A52507-2271		X	U	PR	1								
5120-01-416-8568	COMBINATION TOOL, HAND (0T9K4) 595		D	M	EA	1								
6665-00-859-2201	DETECTOR UNIT, CHEMICAL AGENT AUTOMATIC ALARM (81361) D5-15-4400		N	U	EA	1								
8415-00-634-4658	GLOVES, LEATHER (90142) 37G2940		X	U	PR	1								


FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER See Series Below	END ITEM DESCRIPTION M1078 Series, 2-1/2-Ton, 4X4, Light Medium Tactical Vehicle (LMTV)	PUBLICATION NUMBER TM 9-2320-365-10-HR				PUBLICATION DATE	QUANTITY					
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>		USE ON CODE	* <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
	<b>(AAL) - Continued</b>												
5120-00-288-6574	HANDLE, MATTOCK-PICK (19207) 11677021			D	M	EA	1						
2540-01-385-9462	KIT, COVER, SOFT TOP, GREEN CAMO		LAB, LAC,	X	U	KT	1						
	(19207) 57K1898		LWB, LWC										
2540-01-437-1463	KIT, COVER, SOFT TOP, TAN (19207)		LAB, LAC,	X	U	KT	1						
	57K1925		LWB, LWC										
	KIT, CRANE ADAPTER (19207) 57K4206		LWB, LWC	X	U	KT	1						
3990-01-444-1013	KIT, TIE DOWN, S280 SHELTER (19207)		LAB, LAC,	X	U	KT	1						
	57K1949		LWB, LWC										
2540-01-381-5860	KIT, TROOP SEATS (19207) 57K1893		LAB, LAC,	X	U	KT	1						
			LWB, LWC										
3810-01-368-7723	LIGHT MATERIAL HANDLING CRANE KIT		LAB, LAC,	X	U	KT	1						
	(12361) 1-195-0-00516		LWB, LWC										
1005-01-381-5431	MACHINE GUN RING MOUNT KIT (19207) 57K1224			X	U	KT	1						
5120-00-243-2395	MATTOCK (19207) 11677022			D	M	EA	1						
4130-01-456-0718	PARTS KIT, AIR CONDITIONING (19207) 57K1947		LAD, LWD	X	U	KT	1						
6115-01-432-2684	PARTS KIT, ELECTRICAL GENERATOR,		LAB, LAD,	X	U	KT	1						
	200 AMP (19207) 57K1912		LWB,LWD										
6115-01-431-5092	PARTS KIT, ELECTRICAL GENERATOR,		LAC, LWC	X	U	KT	1						
	200 AMP (19207) 57K1918												
* WHEN USED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTER FURNITURE, enter Conditions Code HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)													
											PAGE <u>5</u> OF <u>6</u> PAGES		

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	USE ON CODE	* <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	
	<b>(AAL) - Continued</b>												
2990-01-456-0719	PARTS KIT, HEATER (19207) 57K1948	LAD, LWD	X	U	KT	1							
6220-01-423-2337	PARTS KIT, VEHICULAR LIGHTING (19207) 57K1220		X	U	KT	1							
5120-00-228-9518	WRENCH, BOX AND OPEN END,	LAD, LWD	D	M	EA	1							
	COMBINATION (05506) 1174												

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

ERIC K. SHINSEKI  
*General, United States Army*  
*Chief of Staff*

Official:

  
JOEL B. HUDSON

*Administrative Assistant to the*  
*Secretary of the Army*  
0107317

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<b>TO:</b> (Forward to proponent of publication or form) (Include ZIP Code)	<b>FROM:</b> (Activity and location) (Include ZIP Code)  Enter your mailing address
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**PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS**

PUBLICATION/FORM NUMBER	DATE Publication Date	TITLE Publication Title
-------------------------	--------------------------	----------------------------

ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON
10	15-33	15-7		4		Item 10. Change Illustration. Reason: Text calls out 90-degree fitting. Art shows straight fitting. Text is correct.  Step (4) of removal says to disconnect four hydraulic hoses from manifold. The correct number of hydraulic hoses is five. correct the text to reflect the actual quantity of hydraulic hoses. The supporting illustration is correct.
	19-6	19-2				

\* Reference to line numbers within the paragraph or subparagraph.

TYPED NAME, GRADE OR TITLE  Your title	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION  Your telephone number	SIGNATURE  Your signature
--	---	---------------------------------

<b>TO:</b> <i>(Forward direct to addressee listed in publication)</i>	<b>FROM:</b> <i>(Activity and location) (Include ZIP Code)</i>	<b>DATE</b>
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**PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS**

<b>PUBLICATION NUMBER</b>	<b>DATE</b>	<b>TITLE</b>
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PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

**PART III - REMARKS** *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)*

<b>TYPED NAME, GRADE OR TITLE</b>	<b>TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION</b>	<b>SIGNATURE</b>
-----------------------------------	---	------------------

<b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b> For use of this form, see AR 25-30; the proponent agency is OAASA						Use Part II ( <i>reverse</i> ) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
<b>TO:</b> ( <i>Forward to proponent of publication or form</i> ) ( <i>Include ZIP Code</i> )						<b>FROM:</b> ( <i>Activity and location</i> ) ( <i>Include ZIP Code</i> )	
<b>PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS</b>							
PUBLICATION/FORM NUMBER						DATE	TITLE
ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON	
<i>* Reference to line numbers within the paragraph or subparagraph.</i>							
TYPED NAME, GRADE OR TITLE					TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE

<b>TO:</b> <i>(Forward direct to addressee listed in publication)</i>	<b>FROM:</b> <i>(Activity and location) (Include ZIP Code)</i>	<b>DATE</b>
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**PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS**

PUBLICATION NUMBER			DATE		TITLE			
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

**PART III - REMARKS** *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
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# THE METRIC SYSTEM AND EQUIVALENTS

## WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches  
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches  
 1 Kilometer = 1000 Meters = 0.621 Miles

## WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces  
 1 Kilogram = 1000 Grams = 2.2 lb.  
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

## LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces  
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

## SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches  
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet  
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

## CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches  
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

## TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$   
 212° Fahrenheit is equivalent to 100° Celsius  
 90° Fahrenheit is equivalent to 32.2° Celsius  
 32° Fahrenheit is equivalent to 0° Celsius  
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

## APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



**PIN: 074427-000**