

**TECHNICAL MANUAL**

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS LISTS FOR**

**RESTORERS**

**PULSE FORM TD-206/G (NSN 5805-00-868-8078)**

**AND**

**PULSE FORM TD-206B/G (NSN 5805-01-020-2251)**

TECHNICAL MANUAL  
NO. 11-5805-367-20P-4

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 30 November, 1979

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS LISTS  
FOR  
RESTORERS  
PULSE FORM TD-206/G (NSN5805-00-868-8078)  
AND  
PULSE FORM TD-206B/G (NSN5805-01-020-2251)**

*Current as of 22 August 1979*

**REPORTING ERRORS AND RECOMMENDED IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your DA Form 2028 (Recommended Changes to Publications and Blank Forms), direct to: Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth N.} 07703 A reply will be furnished direct to you.

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\* This manual supersedes TM 11-5805-367-20P-4, 16 September 1977.

**SECTION I  
INTRODUCTION**

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**1. Scope**

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the TD-206/G and TD206B/G. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

**2. General**

This Repair Parts and Special Tools List is divided into the following sections:

*a. Section II. Repair Parts List.* A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

*b. Section III. Special Tools List.* Not applicable.

*c. Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

**3. Explanation of Columns**

*a. Illustrations.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

*b. Source, Maintenance, and Recoverability (SMR) Codes.*

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

<i>Code</i>	<i>Definition</i>
PA-	Item procured and stocked for anticipated or known usage.
XA-	A support item that is not stocked. When required, item will be procured through normal supply channels.

**NOTE**

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

<i>Code</i>	<i>Application /Explanation</i>
O-	Support item is removed, replaced, used at the organizational level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

<i>Code</i>	<i>Application /Explanation</i>
Z-	Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

<i>Recoverability codes</i>	<i>Definition</i>
Z --	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

*c. National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

*d. Part Number.* Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

**NOTE**

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

*e. Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

*f. Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

*g. Unit of Measure ( U/M).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

*h. Quantity Incorporated in Unit.* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

**4. Special Information**

*a.* Useable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	Used on
2RD	TD-206/G
DIC	TD-206B/G

*b.* The following publication pertains to the TD-206/G and TD-266B/G and its components: TM 11-5805-367-12, Multiplexers TD-202/U, TD203/U, TD-204/U, TD-352/U, and TD-353/U; Restorers, Pulse Form TD-206/G and TD-206B/G and Converters, Telephone Signal CV-1548/G and CV-1548A/C.

*c.* The illustrations in this manual are identical to those published in TM 11-5805-367-40P-4. Only those parts assigned the third position SMR maintenance code "C" or "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

**5. How to Locate Repair Parts**

*a.* When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

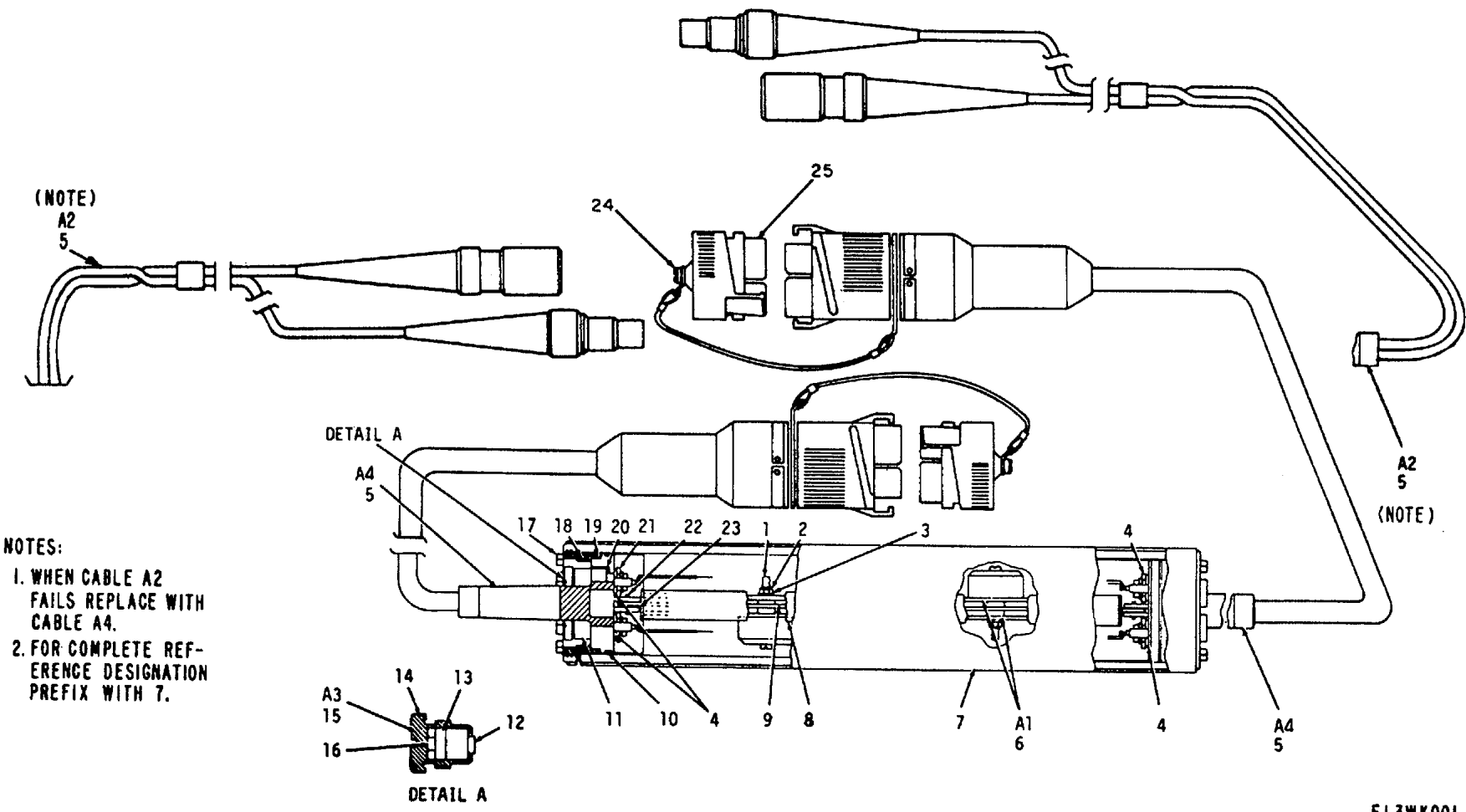
*b.* When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

**6. Abbreviations Not applicable.**

(next printed page is 4)



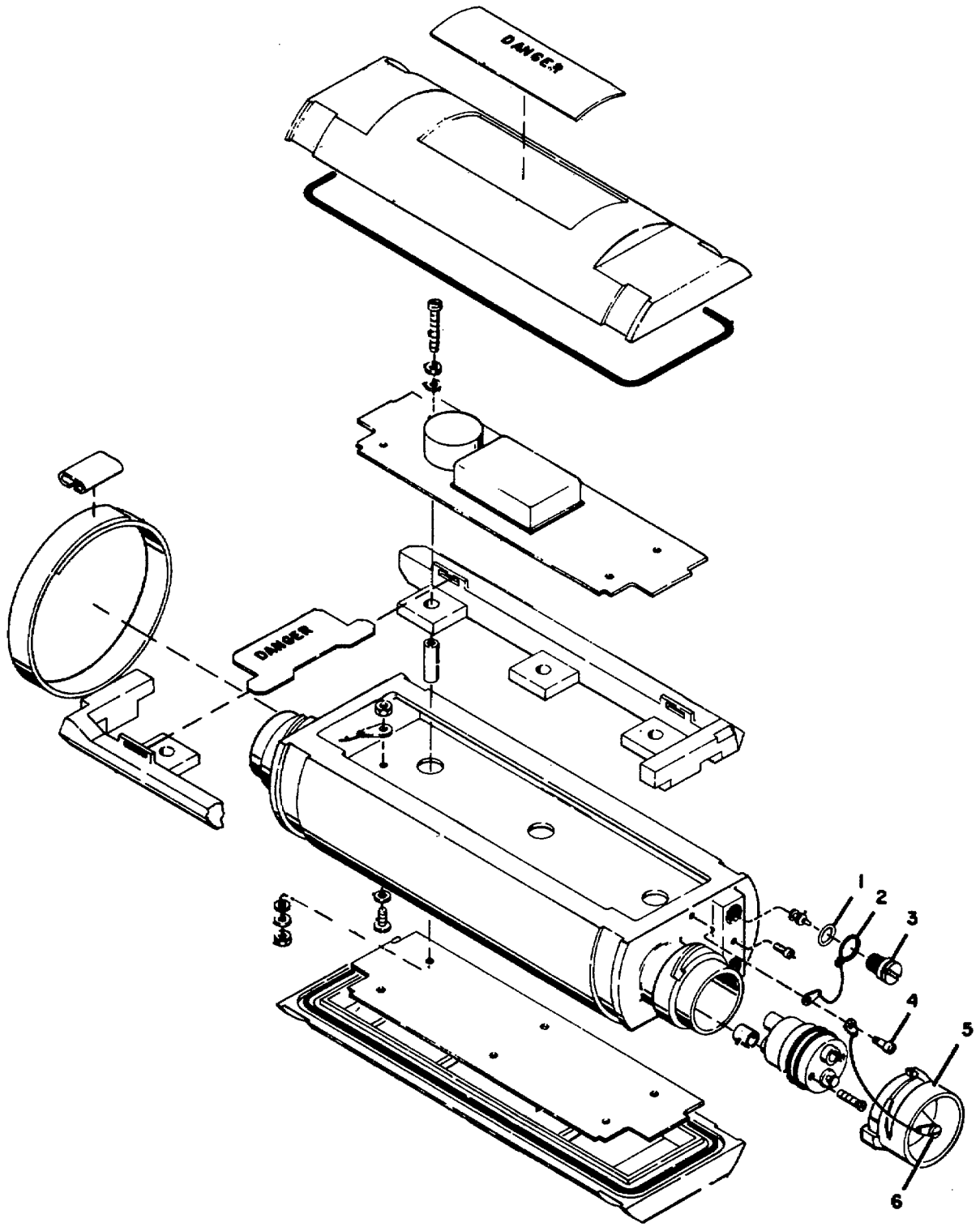
EL3WK001

Figure 1. Restorer, Pulse Form TD-206/G

SECTION II

TM 11-5805-367-20P-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  <i>USABLE ON CODE</i>	U/M	QTY INC IN UNIT
1	15	PAOZZ	5920-00-999-7324	SMB530036	80063	CAP ARRESTOR..... 2RD	EA	2
1	24	XDOZZ		SC-B-388427	80063	SCREW,MACHINE ..... 2RD	EA	2
1	25	PAOZZ	5999-00-136-9040	SC-C-388423	80063	CAP,ELECTRICAL..... 2RD	EA	2



EL3WK002

Figure 2. Restorer, Pulse Form TD-206X/G

SECTION II

TM 11-5805-367-20P-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  <i>USABLE ON CODE</i>	U/M	QTY INC IN UNIT
						GROUP 00 RESTORER. PULSE FORM TD-206/G		
2	1	XDOZZ	5330-00-579-8108	RS28775-111	96906	PACKING, PREFORMED .....DIC	EA	4
2	2	XDOZZ		53363	84256	WIRE ROPE ASSY .....DIC	EA	4
2	3	PAOZZ		SM-C-936519	60063	PLUG, THREADED .....DIC	EA	4
2	4	XDOZZ		SC-8-388427		SCREW .....DIC	EA	4
2	5	PAOZZ	5999-00-130-9040	SC-C-388423	80063	CAP, ELECTRICAL .....DIC	EA	1
2	6	XDOZZ		SC-B-388427	80063	SCREW ,MACHINE .....DIC	EA	1



## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT  
END OF INDEX

STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER
5999-00-136-9040	2	5	5920-00-999-7324	1	15
5330-00-579-8106	2	1			

PART NO.	FSCM	FIG. NO.	ITEM NO.	PART NO.	FSCM	FIG. NO.	ITEM NO.
MS28775-111	96906	2	1	SM-C-938519	80063	2	3
SC-B-388427	80063	2	4	SMB530036	80063	1	15
SC-B-388427	80063	2	6	53363	84256	2	2
SC-C-388423	80063	2	5				

LATEST NATIONAL STOCK NUMBER ASSIGNMENT

STOCK NUMBER	FIG. NO.	ITEM NO.
5999-00-9040	5	25

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
SC-B-388427	80063	5	24
SC-C-388423	80063	5	25

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ARNG: None  
USAR: None

For explanation of abbreviations used, see AR 310-60.

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PARA-  
GRAPH

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NO.

TABLE  
NO.

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PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

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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: 032558-000**