

**TECHNICAL MANUAL**

**UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT  
MAINTENANCE REPAIR PARTS AND  
SPECIAL TOOLS LISTS**

**SPREADER, AGGREGATE, TOWED,  
128 FT WIDTH  
NSN 3895-00-130-3633**

**BURCH CORPORATION MODEL FF-8**

**This manual supersedes TM 5-3895-330-24P, 15 March 1984 and all changes.**

**Approved for public release; distribution is unlimited.**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**This copy is a reprint which includes current  
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**28 DECEMBER 1990**

CHANGE

NO. 1

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington D. C. , 10 November 1992

**UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING  
DEPOT MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS LISTS)**

**SPREADER, AGGREGATE, TOWED,  
FORCE FEED, PNEUMATIC TIRES,  
8 FT WIDTH  
NSN 3895-00-130-3633**

**BURCH CORPORATION MODEL FF-8**

Current as of 21 August 1992

TM 5-3895-330-24P, dated 28 December 1990, is changed as follows:

1. Remove old pages and insert new pages.
2. New or changed material is indicated by an asterisk or by a vertical bar in the margin of the page.

**Remove Pages**

*1 through 4  
1-1 through Figure 7  
8-1 through Figure 10  
11-1 through 16-1  
I-1 through I-14*

**Insert Pages**

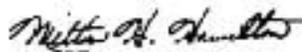
*1 through 4  
1-1 through Figure 7  
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 MAINTENANCE REPAIR PARTS AND  
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Current as of 31 July 1990

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You can help improve this manual. If you find any mistakes or if you know of away to improve the procedures, please let us know. Mail your letter, DA Form 2028 (*Recommended Changes to Publications and Blank Forms*), or DA Form 2028-2, located in the back of this manual, direct to: Commander, U. S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

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**TABLE OF CONTENTS**

	Page	Illus Fig
SECTION I. INTRODUCTION	1	
SECTION II. REPAIR PARTS LIST	1-1	
GROUP 11 REAR AXLE		
1100 - REAR AXLE ASSEMBLY .....	1-1	
TRANSPORT TRUCK .....	1-1	1
AXLE SHAFT, MAIN DRIVE .....	2-1	2
GROUP 13 WHEELS AND TRACKS		
1311 - WHEEL ASSEMBLY .....	3-1	
TRANSPORT WHEEL ASSEMBLY .....	3-1	3
TRACTION WHEEL ASSEMBLY .....	4-1	4
1313 - TIRES, TUBES, TIRE CHAINS .....	5-1	
TIRES AND TUBES .....	5-1	5
GROUP 15 FRAME, TOWING ATTACHMENTS, DRAWBARS, AND ARTICULATION SYSTEMS		
1501 - FRAME ASSEMBLY .....	6-1	
PLATFORM .....	6-1	6

\* This manual supersedes TM 5-3895-330-24P, 15 March 1984 and all changes.

TABLE OF CONTENTS

	Page	Illus Fig
1503 - PINTLES AND TOWING ATTACHMENTS .....	7-1	
TRUCK HITCH .....	7-1	7
TRANSPORT TONGUE .....	8-1	8
CRANK AND COUPLER HITCH.....	9-1	9
 GROUP 73 CONCRETE AND ASPHALT EQUIPMENT COMPONENTS		
7303 -CONTROLS.....	10-1	
CLUTCH CONTROL LEVER .....	10-1	10
GATE CONTROLS.....	11-1	11
7304 -HOPPERS, GATES, AND CHUTES.....	12-1	
HOPPERS, GATES, AND CHUTES .....	12-1	12
7309 -VANE OR SCREW FEEDERS OR CONVEYORS .....	13-1	
ROLLER.....	13-1	13
 GROUP 75 CONVEYING, FEEDING AND CRUSHING, SCREENING AND WASHING EQUIPMENT COMPONENTS		
7511 -RECIPROCATING AND VIBRATING PLATES AND GRIZZLEYS		
AGITATOR ASSEMBLY .....	14-1	14
FEED ROLL .....	15-1	15
7512 -FEEDING SHAFTS.....	16-1	
GEAR BOX .....	16-1	16
 SECTION III. SPECIAL TOOLS LIST (NOT APPUCABLE)		
 SECTION IV. CROSS-REFERENCE INDEXES		
NATIONAL STOCK NUMBER INDEX .....	I-1	
PART NUMBER INDEX .....	I-3	
FIGURE AND ITEM NUMBER INDEX.....	I-9	

**UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING  
DEPOT MAINTENANCE REPAIR PARTS AND  
SPECIAL TOOLS LISTS)**

**SECTION I. INTRODUCTION**

**1. Scope.**

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of Unit, Direct Support, and General Support Maintenance of the Aggregate Spreader. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

**2. General.**

In addition to Section I. Introduction, 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 by this RPSTL 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 ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in the section. Items listed are shown on the associated illustration(s)/figure(s).

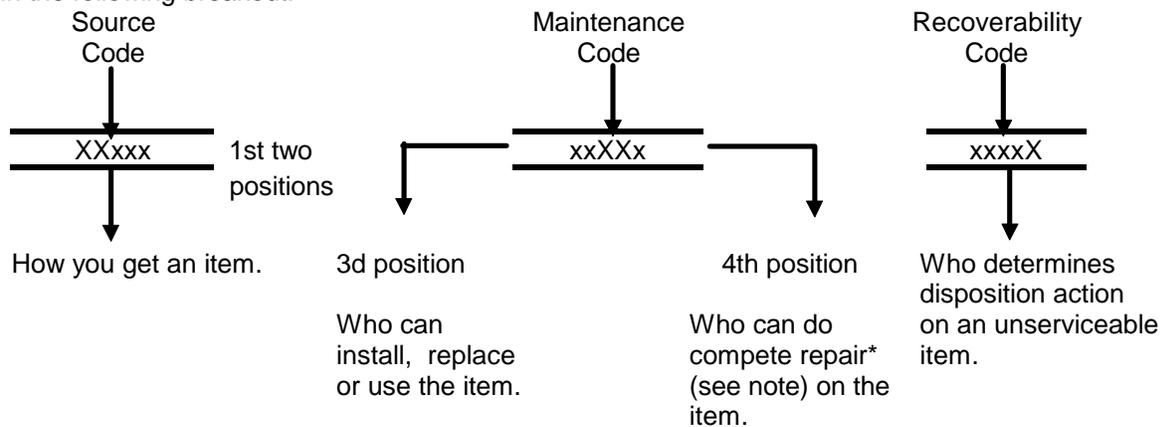
b. *Section III. Special Tools List* A list of special tools, special TMDE, And other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. *Section IV Cross-reference Indexes.* A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric 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. The figure and item number index lists figure and item numbers in alphanumeric sequence and cross-references NON, FSCM or CAGE, and part I numbers.

**3. Explanation of Columns (Sections II and III).**

a. *ITEM NO. (Column (1)).* Indicates the number used to identify items called out in the illustration.

b. *SMR CODE (Column (2))* The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instructions, as shown in the following breakout:



\*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) Source Code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Code Application/Explanation

PA Stocked Items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the ad position of the SMR code.

PB

PC\*\*

PD \*\* Items coded PC are subject to deterioration.

PE

PF

PG

KD Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3d position of the SMR code. The complete kit must be requisitioned and applied.

KF

KB

MO-(Made at UM/  
AVUM Level)

MF-(Made at DS/  
AVUM Level)

MH-Made at GS  
Level)

ML-(Made at Spe  
cialized Repair  
Activity (SRA)

MD-(Made at

AO-(Assembled/ by  
UM/ AVUM  
Level)

AF-(Assembled by  
DS/AVIM  
Level)

AH ( Assembled by  
GS Category)

AL-(Assembled by  
SRA)

AD-(Assembled by  
Depot)

Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the Bulk Material group c/a/ zed Repair of the repair parts list in this RPSTL. If the item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.

Items with these codes are not to be requested/requisitioned individually. The parts that makeup the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3d position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.

XA- Do not requisition an \*XA"-coded item. Order its next higher assembly. (Also refer to the NOTE following. )

XB- If an "XB" item is not available from salvage, order it using the FSCM or CAGE and part number given.

XC- Installation drawing, diagram, instruction sheet, field service drawing, that is identified by the manufacturer's part number

XD- Item is not stocked. Order an \*XD"-coded item through normal supply channels using the FSCM or CAGE and part number given, if no NSN is available.

NOTE: Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 700 42.

(2) Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

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

Code Application/Explanation

C- Crew or operator maintenance done within unit maintenance or aviation unit maintenance.

O- Unit maintenance or aviation unit category can remove, replace, and use the item.

F- Direct support or aviation intermediate level can remove, replace, and use the item.

H- General support level can remove, replace, and use the item.

L- Specialized repair activity can remove, replace, and use the item.

D- Depot level can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i. e. , perform all authorized repair functions). (NOTE: Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes. ) This position will contain one of the following maintenance codes:

Code Application/Explanation

O - Unit maintenance or aviation unit is the lowest level that can do complete repair of the item.

- F - Direct support or aviation intermediate is the lowest level than can do complete repair of the item.
- H - General support is the lowest level that can do complete repair of the item.
- L - Specialized repair activity is the lowest level that can do complete repair of the item.
- D - Depot is the lowest level that can do complete repair of the item.
- Z - Nonreparable. No repair is authorized.
- B - No repair is authorized. (No parts or special tools are authorized for the maintenance of a \*B"-coded item. ) However, the item may be reconditioned by adjusting, lubricating, etc. , at the user level.

(3) Recoverability Code. Recoverability codes

are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR code as follows:

Code Application/Explanation

- Z- Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the ad position of the SMR code.
- O- Repairable item. When uneconomically repairable, condemn and dispose of the item at unit maintenance or aviation unit level.
- F-Repairable item. When uneconomically repairable, condemn and dispose of the item at the direct support or aviation intermediate level.
- H- Repairable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
- D- Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
- L- Repairable item. Condemnation and disposal of item not authorized below specialized repair activity (SRA).
- A - Item requires special handling or condemnation procedures because of specific reasons (e. g. , precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. *FSCM or CAGEC column (3)*. The FSCM or Commercial and Government Entity (CAGE) Code (C) is a 5-digit alphanumeric code which is used to identify the manufacturer, distributor, or Government agency, etc. , that supplies the item.

d. *PART NUMBER' (Column (4))*. 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 you use an NSN to requisition an item, the item you receive may have a different part number from the part ordered.

e. *DESCRIPTION AND USABLE ON CODE (UOC (Column (5))* This column includes the following information:

- (1) The Federal item name and, when required, a minimum description to identify the item.
- (2) Physical security classification. Not Applicable.
- (3) Items that are included in kits and sets are listed: below the name of the kit or set on Figure KIT.
- (4) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.

(5) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.

(6) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line(s) of the description (before UOC). Not Applicable.

(7) The usable on code, when applicable (see paragraph 5, Special Information).

(8) In the Special Tools List section, the basis of issue (BOI) appears as the last line(s) in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased proportionately.

(9) The statement "END OF FIGURE" appears just below the last item description in Column 5 for a given figure in both Section II and Section III.

f. *QTY (Column (6))* The QTY (quantity per figure column) 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. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may vary from application to application.

**4. Explanation of Columns (Section IV)**

a. NATIONAL STOCK NUMBER (NSN) INDEX.

(1) STOCK NUMBER column. This column lists the NSN by National Item Identification Number (NIIN) sequence. They: NIIN Consists of the last nine NSN digits of the

$$\frac{\text{NSN}}{\text{NIIN}}$$
 (i. e. , 5305 01-674-1467 ). When

using this column to locate an item, ignore the first 4 dig its of the NSN. However, the complete NSN should be used when ordering items by stock number.

(2) *FIG. column.* This column lists the number of the figure where the item is identified/located. The figures are in numerical order in Section II and Section Ilt

(3) *ITEM column.* The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

b. *PAPT NUMBER INDEX.* Part numbers in this index are listed by part number in ascending alphanumeric sequence (i. e. , vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z. followed by the numbers O through 9 and each following letter or digit in like order).

(1) *FSCM or CAGEC column.* The FSCM or Commercial and Government Entity (CAGE) Code (C) is a Digit alphanumeric code used to identify the manufacturer, distributor, or Government agency, etc. , that supplies the item.

(2) *PART NUMBER column.* Indicates the primary number used by the manufacturer (individual, 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.

(3) *STOCK NUMBER column.* This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and FSCM or CAGE columns to the left.

(4) *FIG column.* This column lists the number of the figure where the item is identified/located in Sections II and III

(5) *ITEM column.* The item number is that number assigned to the Hem as it appears in the figure referenced in the adjacent figure number column.

c. *FIGURE AND ITEM NUMBER INDEX.*

(1) *FIG. column.* This column lists the number of the figure where the item is identified/located in Sections II and III.

(2) *ITEM column.* The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

(3) *STOCK NUMBER column.* This column lists the NSN for the item.

(4) *FSCM or CAGEC column.* The FSCM or Commercial and Government Entity (CAGE] Code (C) is a 5-digit alphanumeric code used to identify the manufacturer, distributor, or Government agency, etc. , that supplies the item.

(5) *PART NUMBER column* Indicates the primary number used by the manufacturer (individual, 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.

**5. Special Information.**

a. *USABLE ON CODE.* The usable on code appears In the lower left corner of the Description column heading. Not Applicable.

b. *FABRICATION INSTRUCTIONS.* Bulk materials required to manufacture items are listed in the Bulk Material Functional Group of this RPSTL. Part numbers for bulk materials are also referenced in the Description column of the line item entry for the item to be manufacture /fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in TM 5-3895-33-24.

c. *ASSEMBLY INSTRUCTIONS.* Detailed assembly instructions for items source coded to be assembled from component spare/repair parts are found in TM 5-3895-33-24. Items that make up the assembly are listed immediately following the assembly item entry or reference is made to an applicable figure.

d. *KITS.* Not Applicable.

e. *INDEX NUMBERS.* Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the National Stock Number/Part Number Index and the bulk material list in Section II.

f. *ASSOCIATED PUBLICATIONS.* The publications listed below pertain to the Aggregate Spreader and its components:

<u>Publication</u>	<u>Short Title</u>
LO 5-3895-330-12	Model FF-8
TM 5-3895-330-10	Model FF-8
TM 5-3895-330-24	Model FF-8

**6. How to Locate Repair Parts.**

a. When National Stock Number or Part Number is Not Known:

(1) *First.* Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) *Second.* Find the figure covering the assembly group or subassembly group to which the item belongs.

(3) *Third.* Identify the item on the figure and use the Figure and Item Number Index to find the NSN.

b. When National Stock Number or Part Number Is Known:

(1) *First.* Using the National Stock Number or Part Number Index, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence (see paragraph 4. a. (1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see paragraph 4. b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) *Second.* Turn to the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

**7. Abbreviations.**

For standard abbreviations see MIL-STD-12D, Military Standard Abbreviations for Use on Drawings, Specifications, Standards, and in Technical Documents.

<u>Abbreviations</u>	<u>Explanation</u>
NIIN. . . . .	National Item Identification Number (consists of the last 9 digits of the NSN)
RPSTL. . . . .	Repair Parts and Special Tools Lists

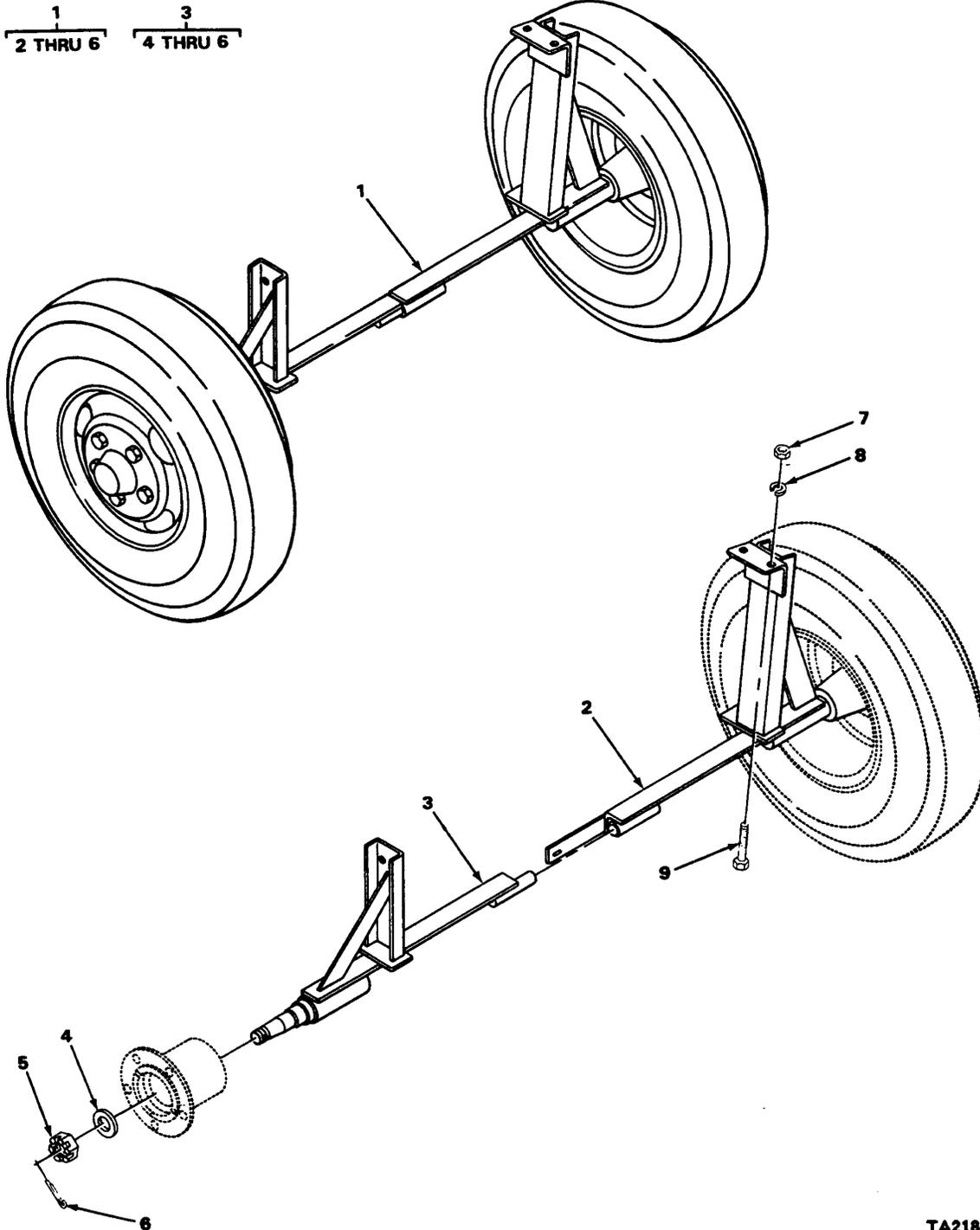


FIGURE 1. TRANSPORT TRUCK.

TA218688

TA218688

## SECTION II

TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 11 REAR AXLE	
				GROUP 1100 REAR AXLE ASSEMBLY	
				FIG. 1 TRANSPORT TRUCK	
1	XBOOO	09780	SA20298D	TRUCK ASSEMBLY TRANSPORT .....	1
2	PAOOO	09780	SA20301C	. AXLE ASSEMBLY, RIGHT RIGHT HAND..... (COMPONENTS SAME AS AXLE ASSEMBLY, NSN 2530-00-484-0648 EXCEPT WHERE INDIVIDUAL COMPONENTS ARE ANNOTATED)	1
3	PAOOO	09780	SA20306C	. AXLE ASSEMBLY, LEFT LEFT HAND. . . . .	
1					
4	XBOZZ	96332	E1973A	. . WASHER, TONGUED .....	1
5	XBOZZ	96332	E1973B	. . NUT .....	1
6	XBOZZ	96332	E1973C	. . PIN, COTTER.....	1
7	PAOZZ	96906	MS35691-49	NUTTPLAIN, HEXAGON AXLE ASSEMBLY .....	4
				MOUNTING .....	
8	PAOZZ	96906	MS35338-50	WASHER1LOCK .....	4
* 9	PAOZZ	80204	B1821BH063C200N	SCREW, CAP, HEXAGON H HEAD, AXLE .....	4
				ASSEMBLY MOUNTING, .....	

END OF FIGURE

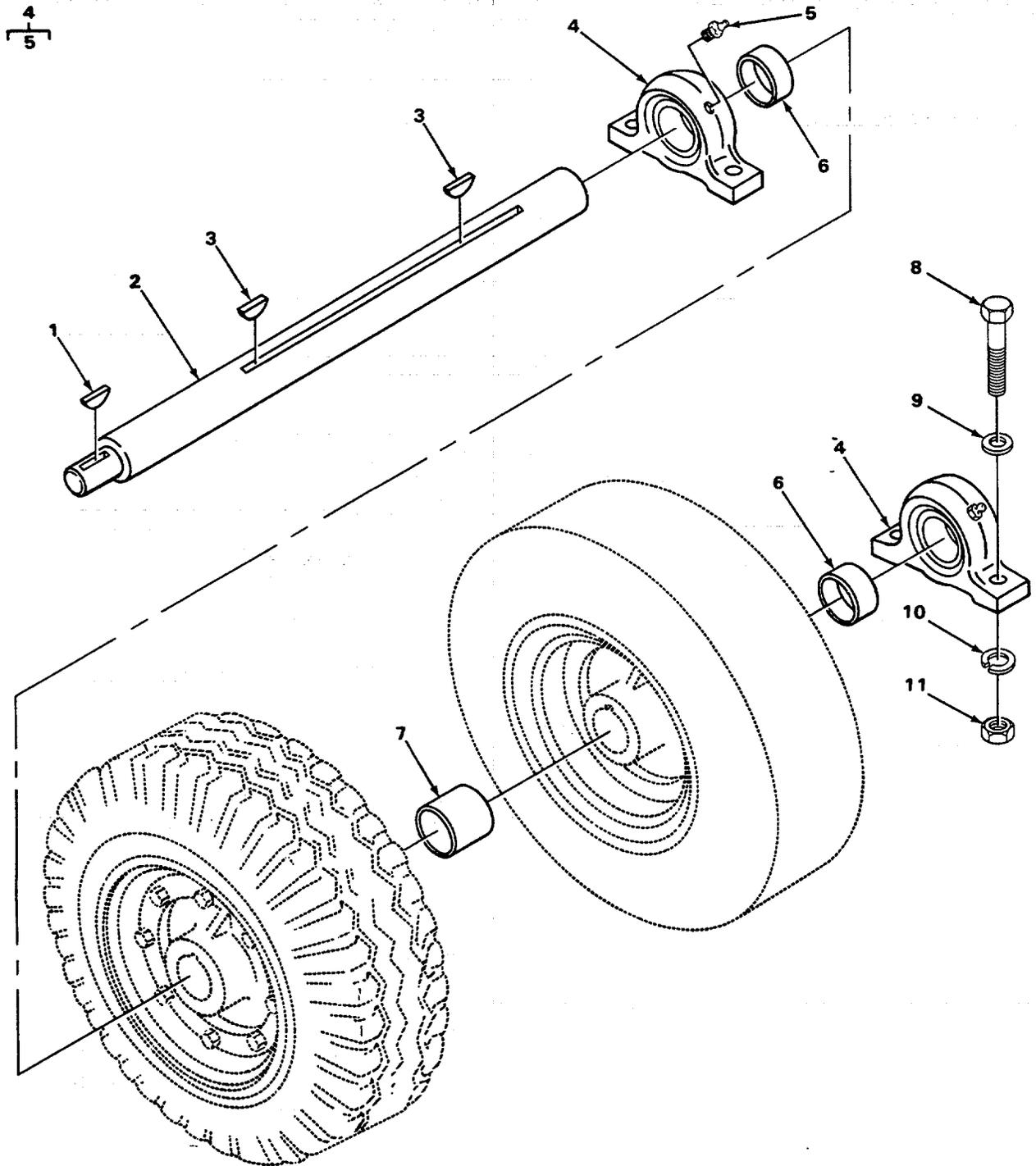


FIGURE 2. AXLE SHAFT, MAIN DRIVE.

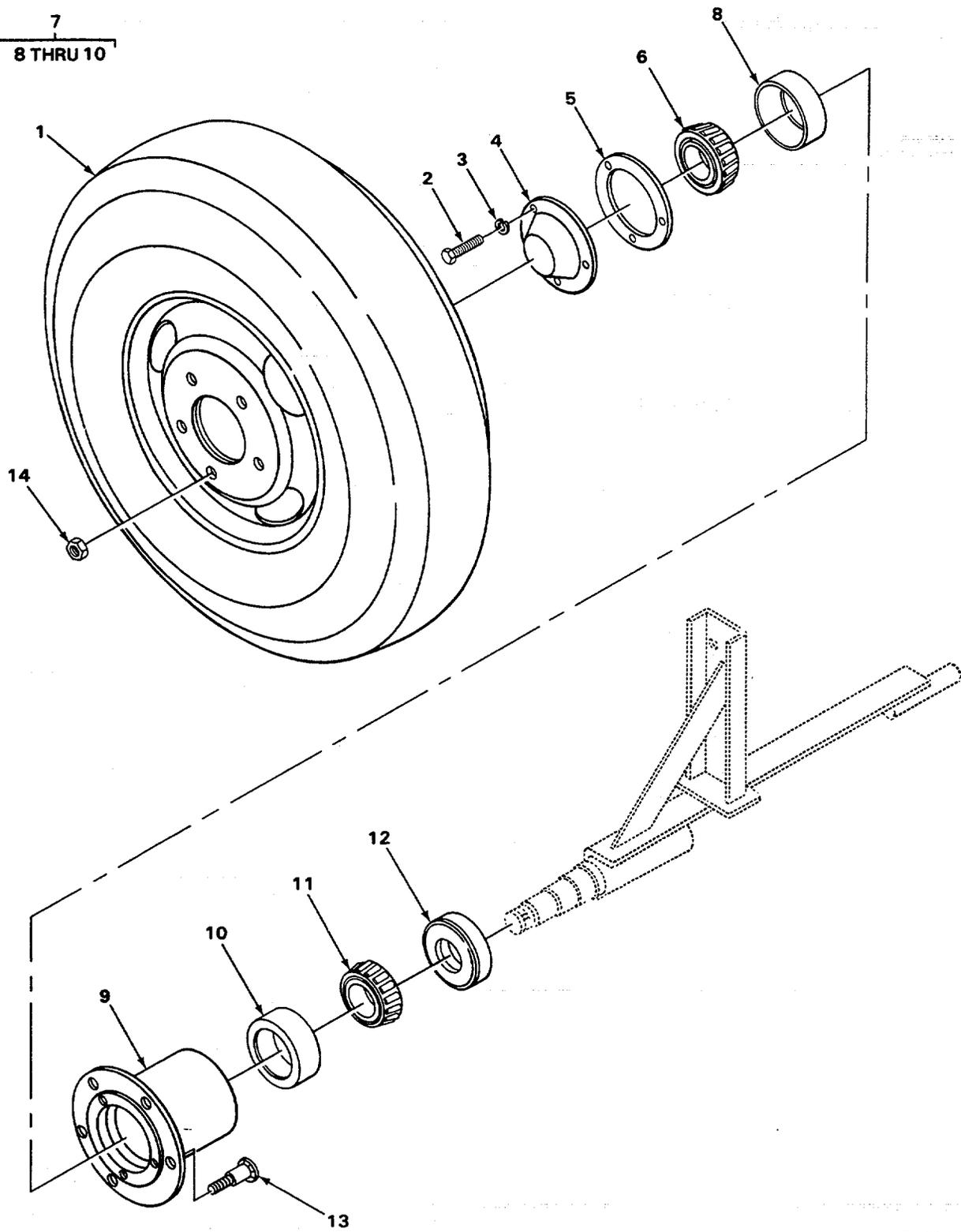
## SECTION II

TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 1100 REAR AXLE ASSEMBLY					
FIG. 2 AXLE SHAFT, MAIN DRIVE					
1	XDOZZ	09780	SA2263A1	KEY, WOODRUFF .....	2
2	PAOZZ	09780	SA2263A	SHAFT, SHOULDERED .....	2
3	XBOZZ	09780	SA2285A	KEY, WOODRUFF .....	4
4	XDOOO	19382	P231	PILLOW, BLOCK, BALL BEARING .....	4
5	PAOZZ	96906	MS15003-1	FITTING, GREASE PILLOW BLOCK .....	2
6	XDOZZ	09780	SA9617A	SPACER, WHEEL .....	4
7	XDOZZ	09780	SA2156A	SPACER WHEEL .....	2
* 8	PAOZZ	80204	B1821BH050C150N	SCREWCAP HEXAGON H HEAD, PILLOW .....	8
				BLOCK MOUNTING .....	
9	PAOZZ	88044	AN960-816	WASHER FLAT PILLOW BLOCK MOUNTING ....	8
10	PFOZZ	96906	MS35338-48	WASHER, LOCK PILLOW-BLOCK MOUNTING. .	8
11	PAOZZ	96906	MS35691-33	NUT, PLAIN, HEXAGON PILLOW BLOCK .....	8
				MOUNTING .....	

END OF-FIGURE

7  
8 THRU 10



TA218690

FIGURE 3. TRANSPORT WHEEL ASSEMBLY.

## SECTION II

TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY	
GROUP 13 WHEELS AND TRACKS						
GROUP 1311 WHEEL ASSEMBLY						
FIG. 3 TRANSPORT WHEEL ASSEMBLY						
*	1	PFOOO	09780	24-1597	RIM, WHEEL;PNEUMATIC .....	2
	2	XBOZZ	09780	1-632H	SCREW, FLATHEAD GREASE CAP MOUNTING.	8
	3	XBOZZ	09780	12X134	WASHER, LOCK GREASE CAP MOUNTING .....	8
	4	XBOZZ	09780	1-632G	CAP, GREASE .....	2
	5	XDOZZ	09780	1-632F	GASKET GREASE CAP .....	2
	6	PAOZZ	09780	17X193	CONE, OUTER.....	2
	7	XBOFF	09780	SA20310	HUB ASSEMBLY RIGHT HANDO .....	1
	7	XBOFF	09780	SA20311	HUB ASSEMBLY....LEFT HAND (COMPONENTS SAME AS HUB ASSEMBLY1P/N SA20310 (09780), EXCEPT WHERE INDIVIDUAL COMPONENTS ARE ANNOTATED).....	1
	8	XDFZZ	09780	1-632B	. CUP1OUTER .....	1
	9	XBFZZ	09780	1-632RH	. HUB, RIGHT HAND.....	1
	9	XBFZZ	09780	1-632LH	. HUB, LEFT HAND .....	1
	10	XDFZZ	09780	1-632A	. CUP, INNER.....	1
	11	PAOZZ	09780	17X118	CONE, INNER .....	2
	12	XDOZZ	09780	1-632E	SEAL, GREASE .....	1
	13	XBOZZ	09780	27-8006	STUD WHEEL MOUNTING.....	10
	14	XBOZZ	09780	8-904	NUT WHEEL MOUNTING .....	10

END OF FIGURE

1  
2 THRU 8

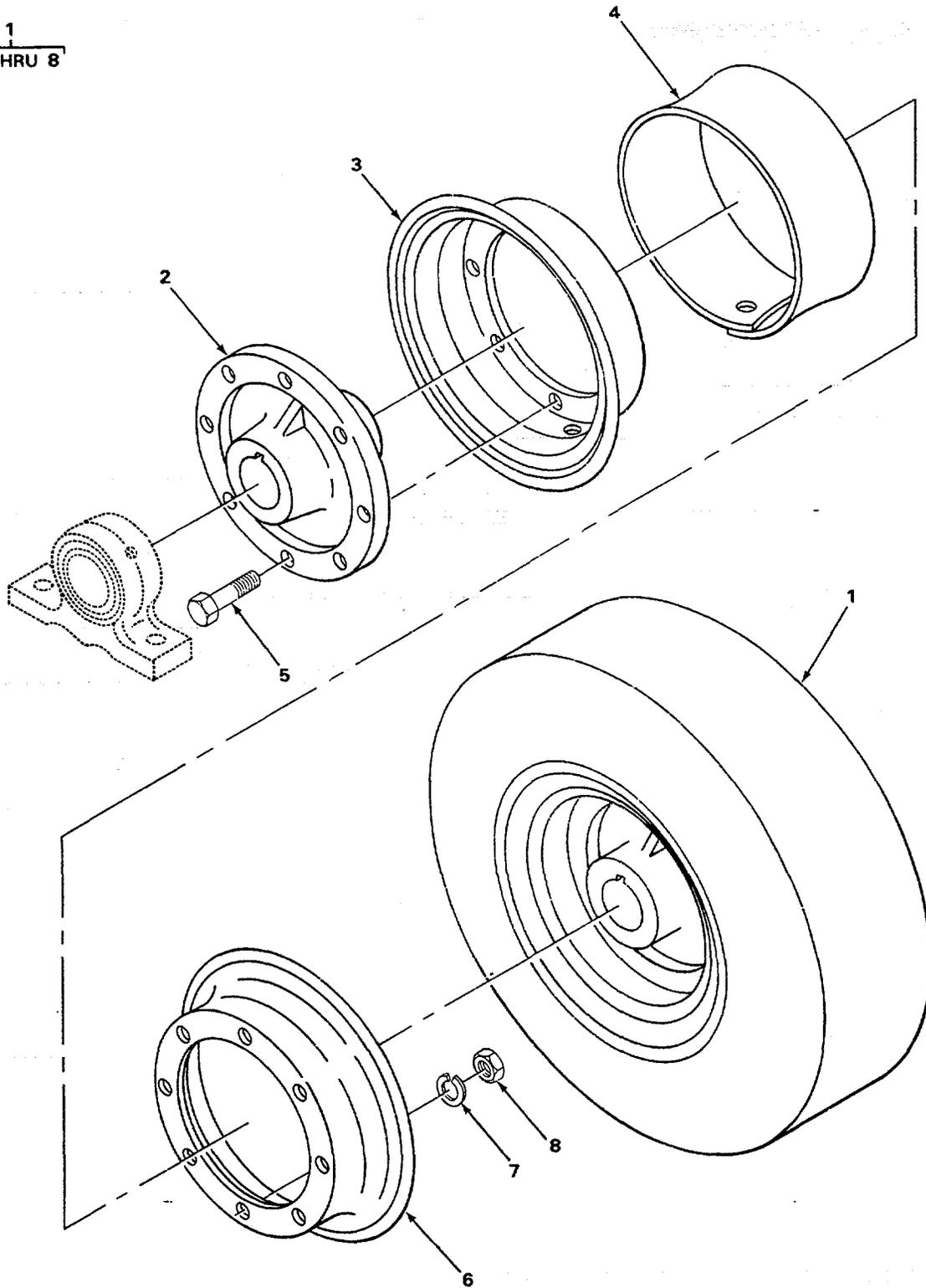


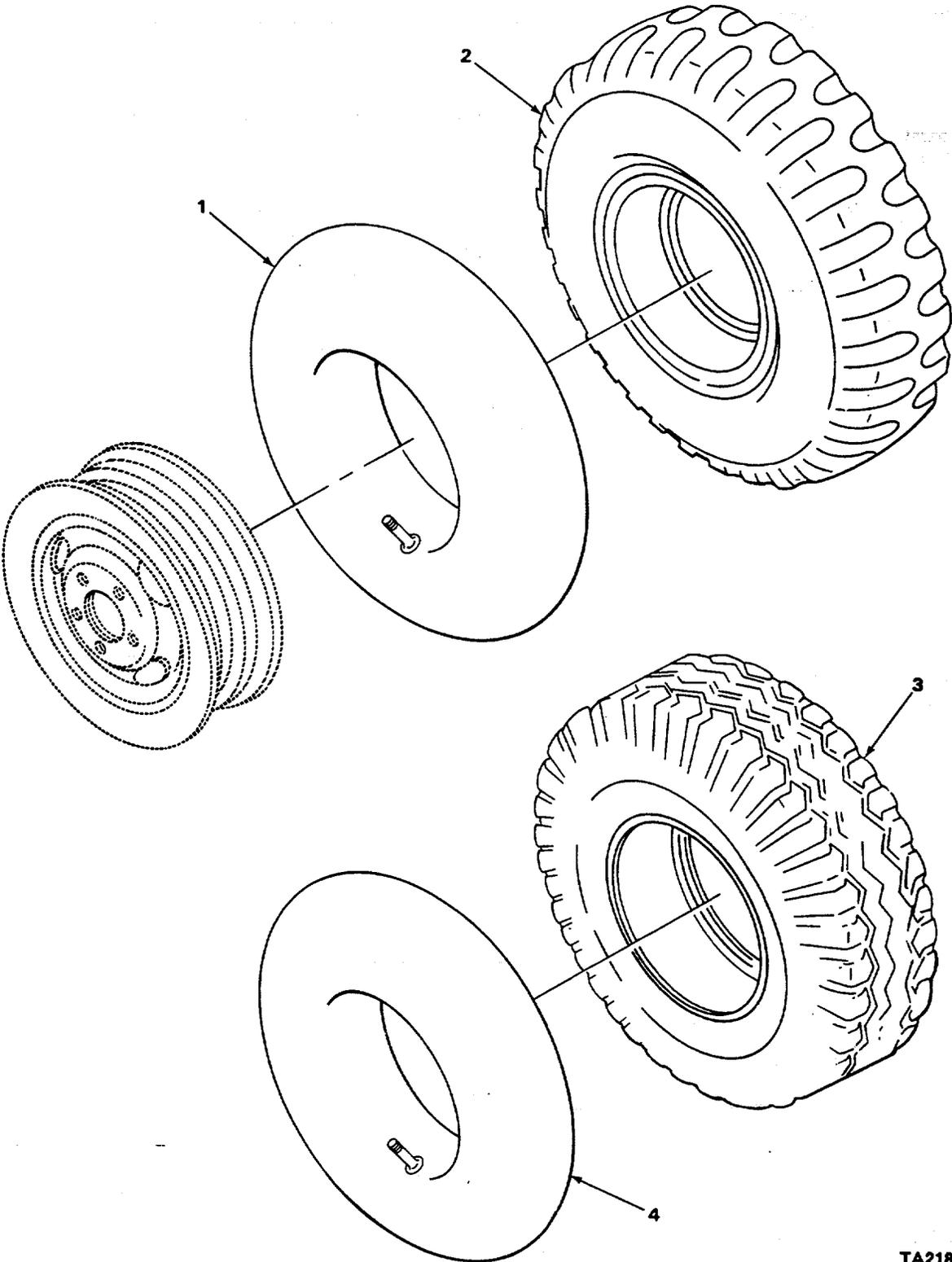
FIGURE 4. TRACTION WHEEL ASSEMBLY.

## SECTION II

TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY	
GROUP 1311 WHEEL ASSEMBLY						
FIG. 4 TRACTION WHEEL ASSEMBLY						
1	XBOOO	09780	SA8719C	WHEEL ASSEMBLY .....	4	
2	XBOZZ	09780	SA6804	. HUBWHEEL .....	1	
3	XBOZZ	09780	SA6834	. RIM, W/VALVE HOLE .....	1	
4	XDOZZ	73808	OOX9FLAP	. FLAP .....	1	
*	5	PAOZZ	80204	81821BH044C150ON	. SCREWCAP1HEXAGON H.....	8
6	XBOZZ	09780	SA6835	. RIM .....	1	
7	PAOZZ	96906	MS35338-47	. WASHER LOCK.....	8	
8	PAOZZ	96906	MS51967-11	. NUT, PLAIN, HEXAGON .....	8	

END OF FIGURE



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FIGURE 5. TIRES AND TUBES.

## SECTION II

TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 1313 TIRES, TUBES TIRE CHAINS	
				FIG. 5 TIRES AND TUBES	
* 1	PCOZZ	81348	GP2/9. 00-16/TR17 7A/ON CENTER	INNER TUBE, PNEUMATI.....	1
* 2	PAOFH	81349	MIL-T-12459/CLMS /SB/9. 00-16/D/MS	TIRE, PNEUMATIC .....	1
* 3	PAOFH	96906	MS35389-84	TIRE, PNEUMATIC .....	1
4	PCOOO	73808	6-00X9	INNER TUBE,PNEUMATI.....	1

END OF FIGURE

Change 1

5-1

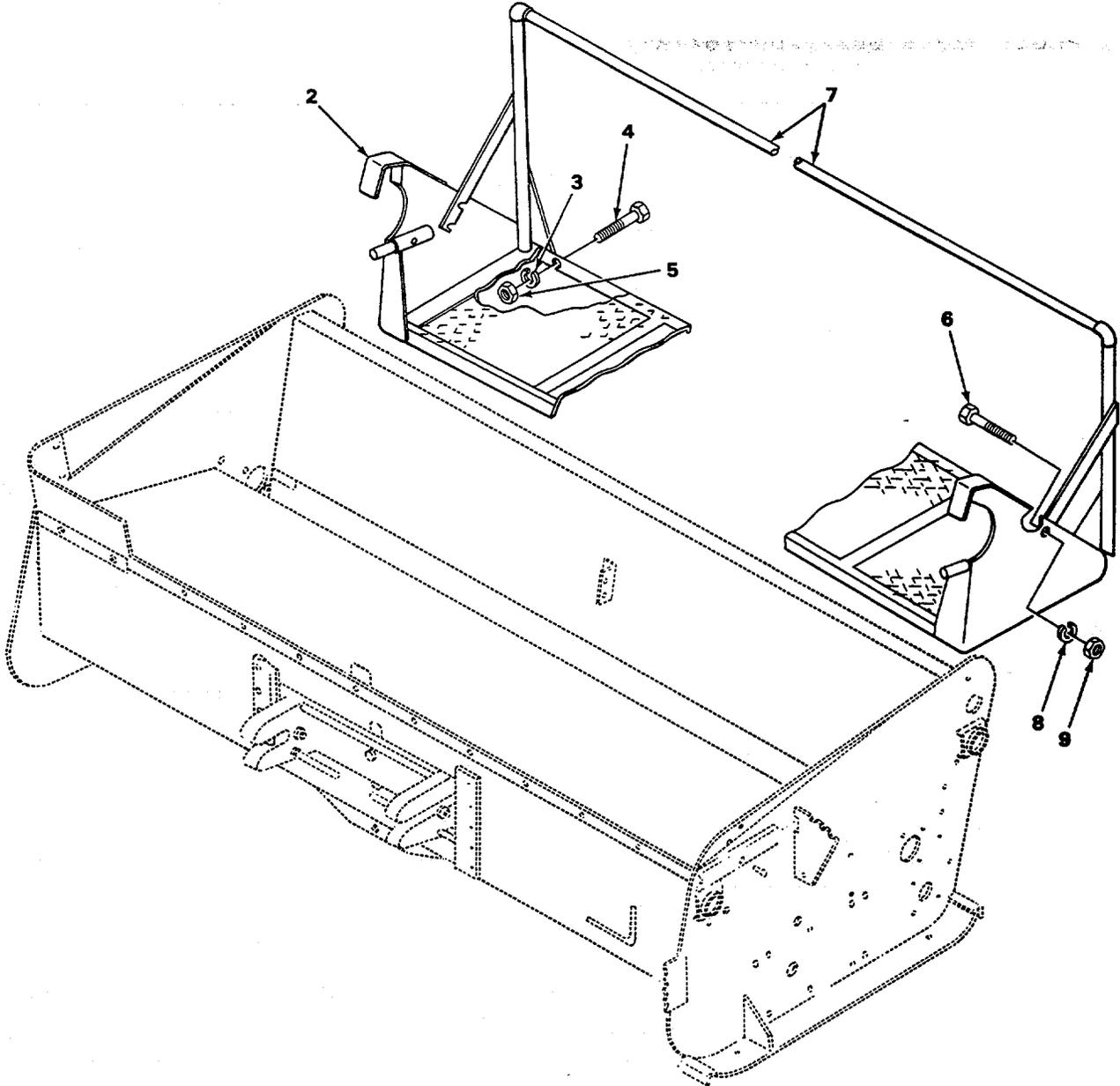


FIGURE 6. PLATFORM.

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## SECTION II

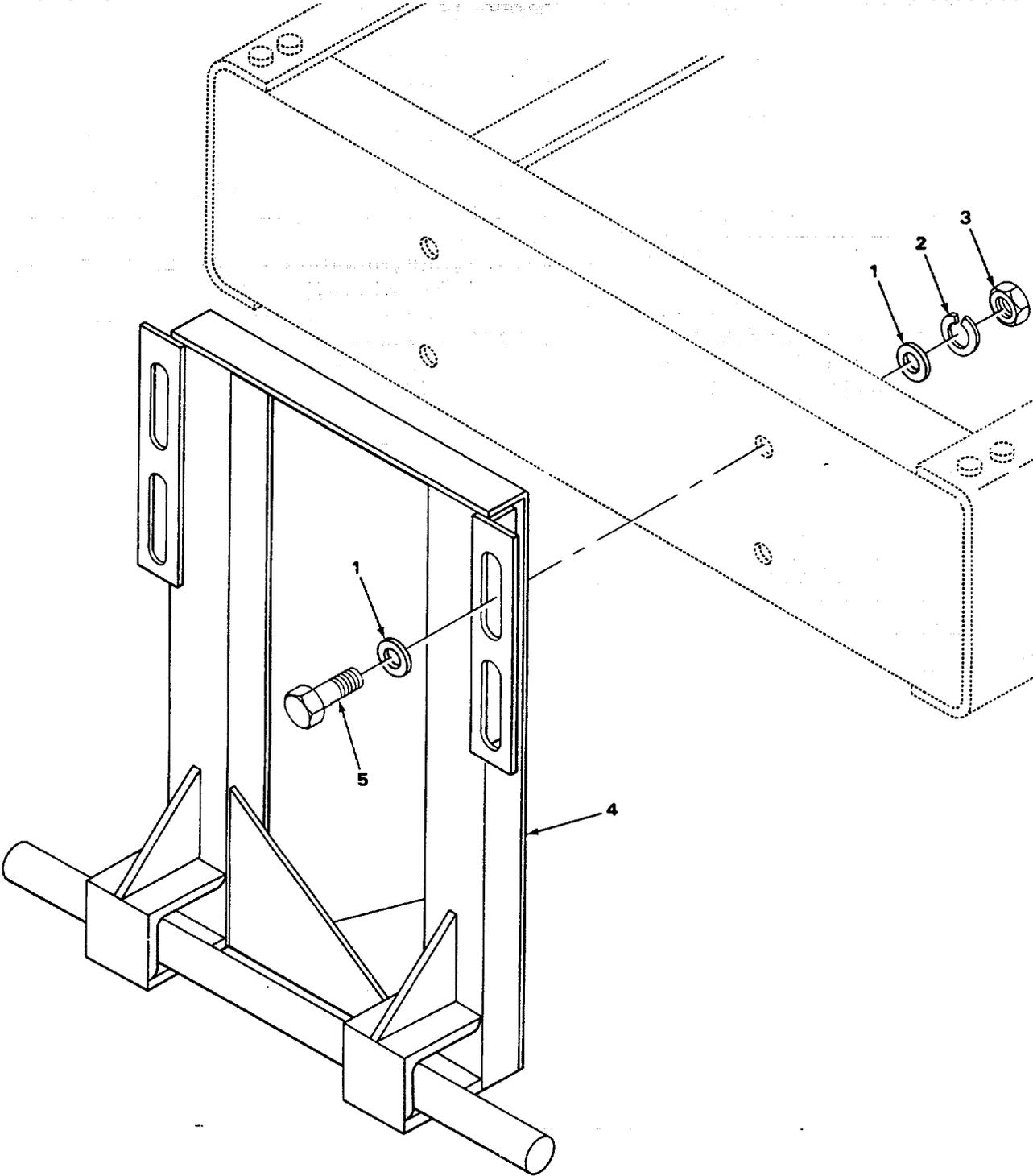
TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 15 FRAME, TOWING ATTACHMENTS DRAWBARS, AND ARTICULATION SYSTEMS	
				GROUP 1501 FRAME ASSEMBLY	
				FIG. 6 PLATFORM	
1	XBOOO	09780	SA196720	PLATFORM ASSEMBLY OPERATORS.....	1
2	XBOZZ	09780	SA19668D	. PLATFORM.....	1
3	PAOZZ	96906	MS35338-45	. WASHER, LOCK BRACE MOUNTING.....	8
* 4	PAOZZ	80204	81821BH050C150N	. SCREW, CAP, HEXAGON H BRACE MOUNTING	8
5	PAOZZ	96906	MS35691-33	. NUT, PLAIN, HEXAGON H BRACE MOUNTING	8
* 6	PAOZZ	80204	B1821BH038C125N	. SCREW, CAP, HEXAGON H BRACE MOUNTING	4
7	XBOZZ	09780	SA19680A	. BRACE.....	2
8	PAOZZ	96906	MS35338-46	.WASHER, LOCK BRACE MOUNTING.....	4
9	PAOZZ	96906	MS35691-17	. NUT, PLAIN, HEXAGON BRACE MOUNTING..	4

END OF FIGURE

Change 1

6-1



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FIGURE 7. TRUCK HITCH.

## SECTION II

TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 1503 PINTLES AND TOWING ATTACHMENTS					
FIG. 7 TRUCK HITCH					
1	PAOZZ	88044	AN960-L216	WASHER, FLAT. HITCH ASSEMBLY MOUNTING	8
2	PAOZZ	96906	MS35338-51	WASHER, LOCK HITCH ASSEMBLY MOUNTING	4
3	PAOZZ	96906	MS51967-23	NUT, PLAIN, HEXAGON HITCH ASSEMBLY..... MOUNTING .....	4
4	XBOZZ	09780	SA202320	HITCH ASSEMBLY .....	1
5	XBOZZ	09780	SA6174	BOLT HITCH ASSEMBLY MOUNTING .....	4

END OF FIGURE

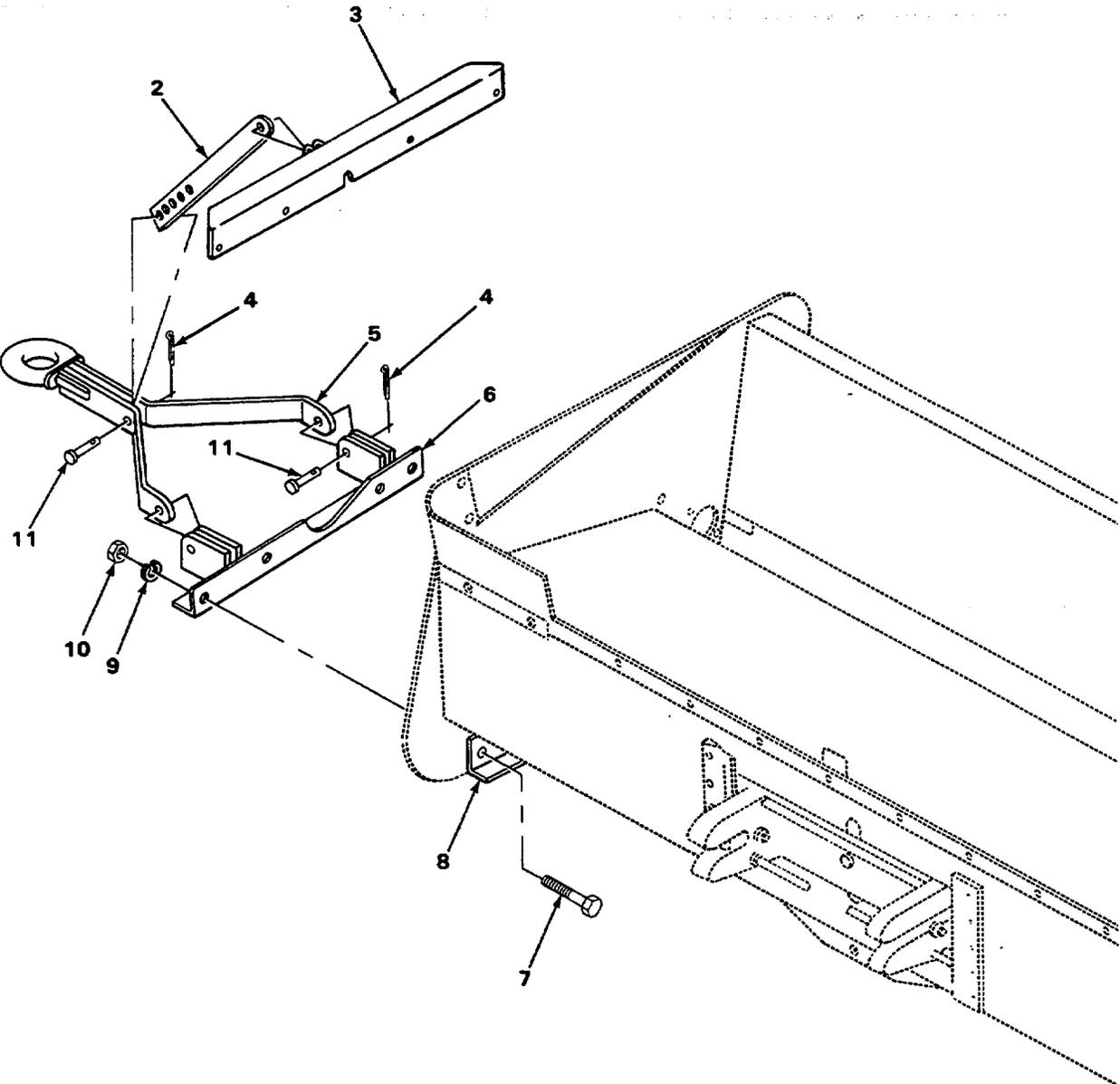


FIGURE 8. TRANSPORT TONGUE.

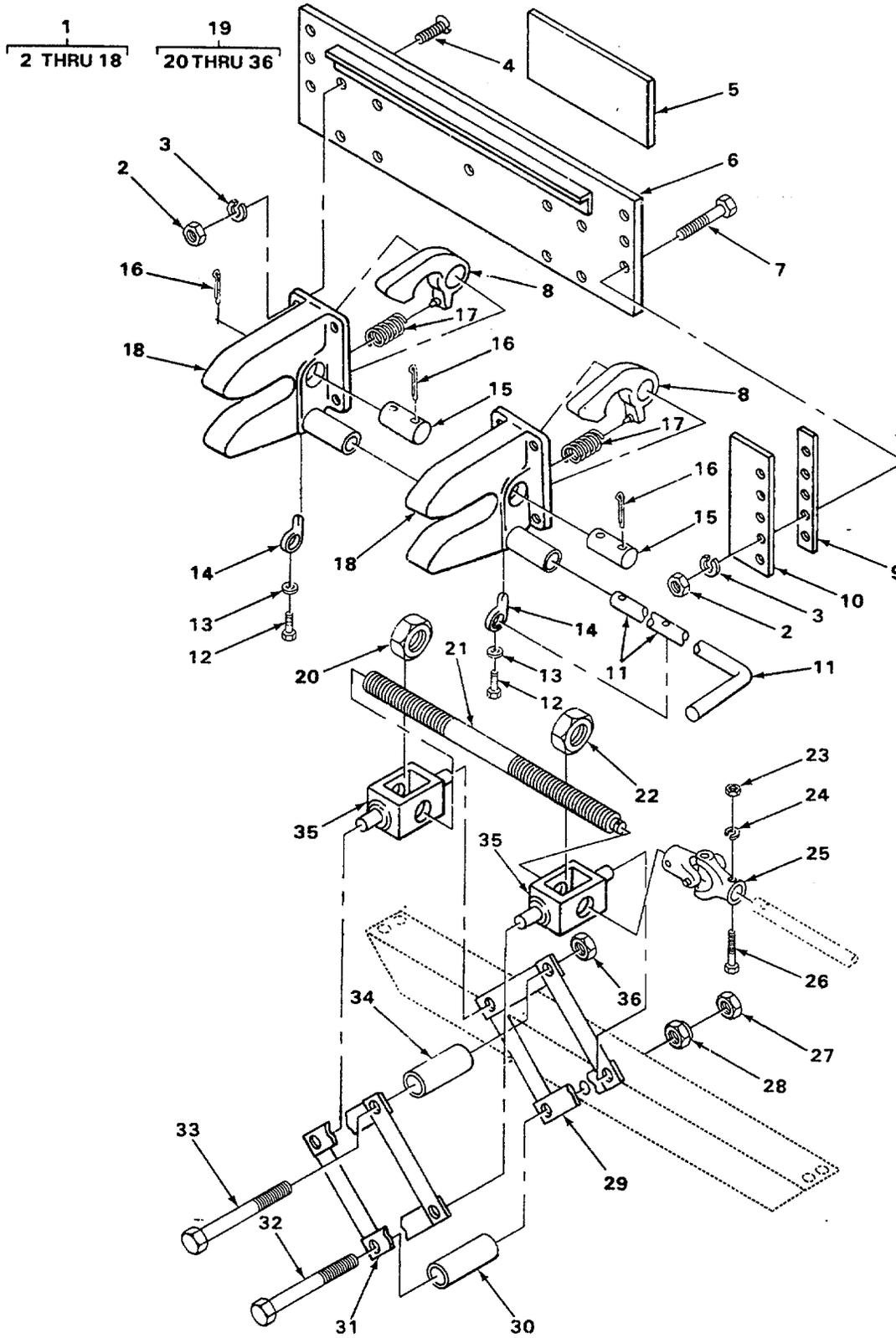
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## SECTION II

TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 1503 PINTLES AND TOWING ATTACHMENTS					
FIG. 8 TRANSPORT TONGUE					
1	XBOOO	09780	SA20299C	TONGUE ASSEMBLY TRANSPORT .....	1
2	XBOZZ	09780	SA9334A	. BAR, LIFT .....	1
3	XBOZZ	09780	SA9340A	. ANGLE ASSEMBLY .....	1
4	PAOZZ	96906	MS24665-495	. PIN, COTTER BAR MOUNTING .....	4
5	XBOZZ	09780	SA20313A	. DRAWBAR ASSEMBLY .....	1
6	XBOZZ	09780	SA9338A	. ANGLE ASSEMBLY .....	1
* 7	PAOZZ	80204	B1821BHO50C150N	. SCREW, CAP, HEXAGON H ANGLE..... ASSEMBLY MOUNTING.....	7
8	XBOZZ	09780	SA9336A	. REINFORCEMENT BOTTOM .....	1
9	PAOZZ	96906	MS35338-48	. WASHER, LOCK ANGLE ASSEMBLY .....	7
10	PAOZZ	96906	MS35691-33	MOUNTING..... . NUT, PLAIN, HEXAGON ANGLE ASSEMBLY..	7
11	XBOZZ	09780	SA7155A	MOUNTING..... . RIVET BAR MOUNTING .....	4

END OF FIGURE



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FIGURE 9. CRANK AND COUPLER HITCH.

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## SECTION II

TM 5-3895-330-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 1503 PINTLES AND TOWING ATTACHMENTS					
FIG. 9 CRANK AND COUPLER HITCH					
1	XBFFF	09780	SA8326D	HITCH ASSEMBLY COUPLER.....	1
2	PAFZZ	96906	MS35691-33	. NUT HOUSING MOUNTING .....	18
3	PFFZZ	96906	MS35338-48	. WASHER, LOCK HOUSING MOUNTING .....	18
4	XBFZZ	09780	SA8790C1	. BOLT, PLOW HOUSING MOUNTING .....	18
5	XBFZZ	09780	SA8259B	. PLATE, COVER .....	2
6	PAFZZ	09780	SA5150B	. BAR ASSEMBLY, HITCH .....	1
* 7	PAFZZ	80204	B1821BH050C250N	. SCREW, CAP, HEXAGON H GUIDE MOUNTING	10
8	XDFZZ	09780	SA7290C	. DOG, COUPLER HITCH .....	2
9	XDFZZ	09780	SA2193A	. SPACER, COUPLER.....	2
10	PAFZZ	09780	SA2192A	. GUIDE, COUPLER.....	2
11	XBFZZ	09780	SA8790C	. LEVER, LATCH.....	1
12	PAFZZ	96906	MS51955-36	. SCREW, SET LATCH LEVER.....	2
13	PAFZZ	88044	AN960-316	. WASHER, FLAT LATCH LEVER.....	2
14	XOFZZ	09780	SA7293A	. LATCH, RELEASE .....	2
15	XBFZZ	09780	SA2176A	. SHAFT .....	2
*16	PFFZZ	96906	MS24665-642	. PIN, COTTER SHAFT .....	4
17	PAFZZ	09780	SA2202A	. SPRING, HELICAL, COMP .....	2
18	XBFZZ	09780	SA5382D	. HOUSING, HITCH.....	2
19	XBFFF	09780	SA7611B	CRANK ASSEMBLY.....	1
20	XDFZZ	09780	SA7977A	. NUT, PLAIN, HEXAGON ADJUSTING SCREW.	1
21	XDFZZ	09780	SA21968	. SCREW, ADJUSTING.....	1
22	XDFZZ	09780	SA7978A	. NUT, PLAIN HEXAGON ADJUSTING SCREW.	1
23	PAFZZ	96906	MS35691-17	. NUT.....	2
24	PAFZZ	96906	MS35338-46	WASHER, LOCK.....	2
25	PBFZZ	09780	SA2198B	. JOINT.....	1
*26	PAFZZ	80204	B1821BH038C200N	. SCREW, CAP, HEXAGON H.....	2
27	PAFZZ	96906	MS35691-57	. NUT SPACER MOUNTING .....	1
*28	PAFZZ	96906	MS51967-23	. NUT SPACER MOUNTING .....	1
29	XDFZZ	09780	SA2130A	. PANTOGRAPH LINKS, UP .....	4
30	XBFZZ	09780	SA2127	. SPACER.....	1
31	XDFZZ	09780	SA2131A	. LINK, LOWER .....	4
32	XBFZZ	09780	SA2195	. BOLT SPACER MOUNTING .....	1
33	XBFZZ	09780	SA2194	. BOLT SPACER MOUNTING .....	1
34	XBFZZ	09780	SA5889	. SPACER.....	1
35	PBFZZ	09780	SA3314B	. HOUSING.....	2
36	PAFZZ	88044	AN310-8	. NUT SPACER MOUNTING .....	1

END OF FIGURE

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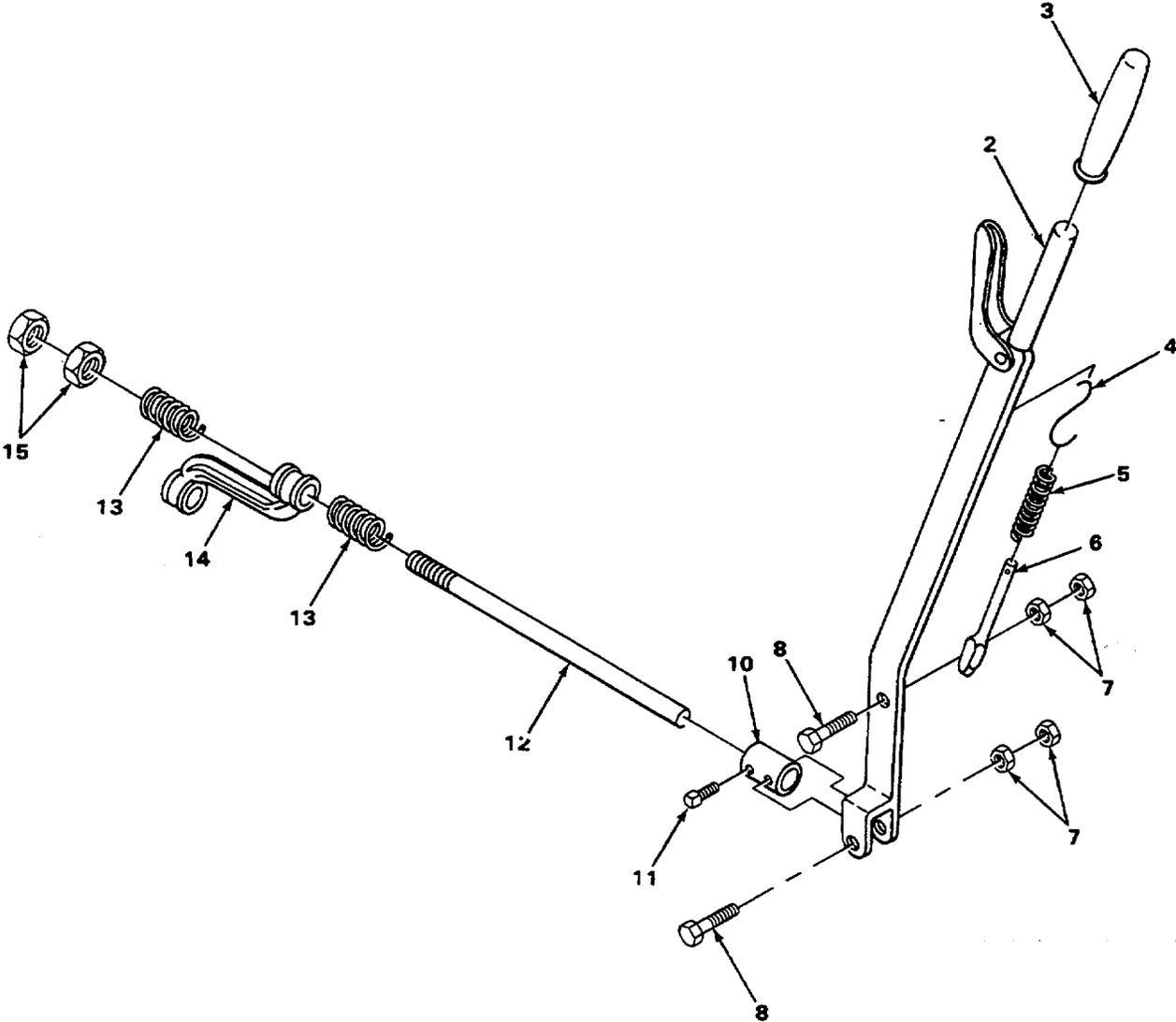


FIGURE 10. CLUTCH CONTROL LEVER.

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## SECTION II

TM5-3895-330-24P

(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP 73 CONCRETE AND ASPHALT EQUIPMENT COMPONENTS	
				GROUP 7303 CONTROLS	
				FIG. 10 CLUTCH CONTROL LEVER	
1	XDOOO	09780	SA10186C	LEVER ASSEMBLY CLUTCH.....	1
2	XAOZZ	09780	SA10186C1	.LEVER.....	1
3	XBOZZ	09780	SA2179A2	.GRIP,HANZLE.....	1
4	XBOZZ	09780	SA2179A1	.LINK.....	1
5	XBOZZ	09780	SA2280A	.SPRING.....	1
6	XDOZZ	09780	SA217SA	.PLUNGER ASSEMBLY.....	1
7	PAOZZ	96906	MS35691-21	NUT,PLAIN,HEXAGON LEVEP MOUNTING .....	4
8	PAOZZ	96906	MS90727-70	SCREW,CAP,HEXAGON H LEVER TC CCLLAR	2
9	XBOOO	09780	SA88548	ARM ASSEMBLY SHIFTING .....	1
10	XBOZZ	09780	SA8855A.	.COLLAR,SHAFT,.....	1
11	PAOZZ	96906	MS51955-35	.SETSCREW SHAFT COLLAR.....	2
12	PAOZZ	09780	SA2227B	.SHAFT,SHIFTING ARM.....	1
13	XDOZZ	09780	SAB183A	.SPRING,HELICAL,COMP .....	2
14	XBOZZ	09780	SA5279C	.ARM,SHIFTING .....	1
15	PAOZZ	96906	MS35691-49	.NUT,PLAIN,HEXAGON SHIFTING ARM.....	2

END OF FIGURE

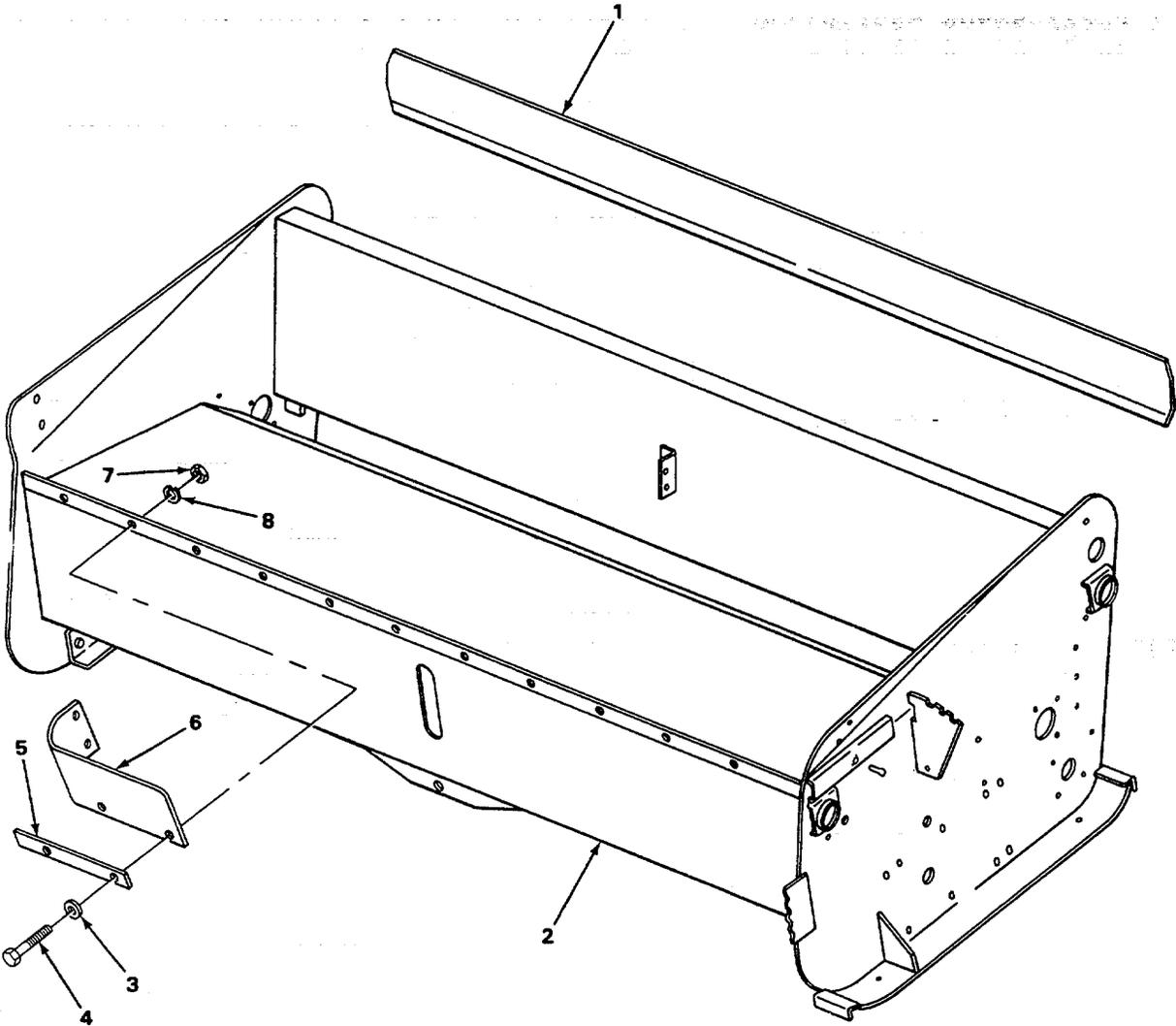


## SECTION II

TM 5-3895-330-24P C01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 7303 CONTROLS					
FIG. 11 GATE CONTROLS					
1	PAFZZ	96906	MS51955-36	SETSCREW COLLAR MOUNTING .....	2
2	XBFZZ	09780	SA2177A	COLLAR,GATE PIPE .....	1
3	PAFZZ	09780	SA2124B	SCREWIADJUSTMENT GATE .....	2
4	PAFZZ	09780	SA2122A	BEARIN .....	2
5	PAFZZ	96906	MS35691-33	NUT,PLAIN,HEXAGON BEARING MOUNTING...	8
6	PFFZZ	96906	MS35338-48	WASHER,LOCK .....	8
7	XBFZZ	09780	SA8450B	PIPE ASSEMBLY.....	1
8	XBFZZ	09780	SA2177A	COLLAR ASSEMBLY.....	1
* 9	PAFZZ	80204	81821BHO50C150N	SCREW,CAP,HEXAGON H .....	8
10	PAFZZ	09780	SA51398	BEARING ASSEMBLY .....	1
11	XBFZZ	09780	SA2123A	ANGLE,GATE SLIDE .....	2
12	XBFZZ	09780	SA2146C	RACK.....	1
13	XBOOO	09780	SA9783B	LEVER ASSEMBLY GATE.....	1
14	XAOZZ	09780	SA978381	.LEVER .....	1
15	XBOZZ	09780	SA2179A2	.GRIP,HANDLE.....	1
16	XBOZZ	09780	SA2179A1	.LINK.....	1
17	XBOZZ	09780	SA2280A	.SPRING .....	1
18	XDOZZ	09780	SA2179A	.PLUNGER ASSEMBLY.....	1
19	XBOZZ	09780	SA5134B	LEVER ASSEMBLY FRONT .....	2
20	PAFZZ	88044	AN960-816	WASHER,FLAT BEARING MOUNTING .....	4
21	XDFZZ	09780	SA2121A	BRACKET .....	2
22	XDFZZ	09780	SA2126A	YOKE SCREW ARM.....	4
23	XDFZZ	09780	SA5137B	SCREW NUT ASSEMBLY .....	2

END OF FIGURE



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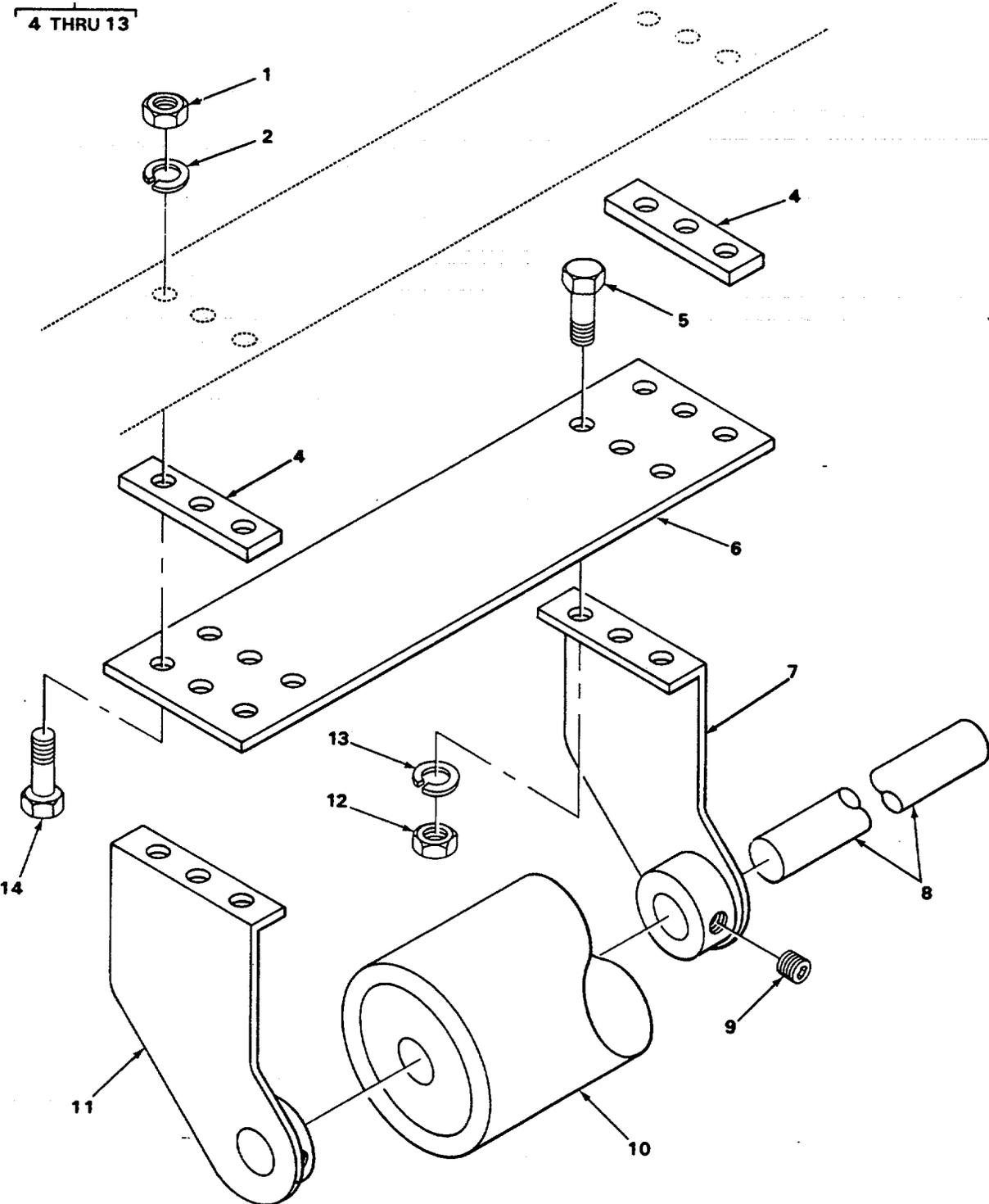
FIGURE 12. HOPPERS, GATES, AND CHUTES.

## SECTION II

TM 5-3895-330-24P C01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 7304 HOPPERS, GATES, AND CHUTES					
FIG. 12 HOPPERS, GATES, AND CHUTES					
1	XBFZZ	09780	SA8438B	GATE ASSEMBLY .....	1
2	XBFZZ	09780	SA8448D	HOPPER ASSEMBLY .....	1
3	PAOZZ	88044	AN960-616	WASHER,FLAT BELTING MOUNTING .....	16
* 4	PAOZZ	80204	B1821BH038C075N	SCREW,CAP,HEXAGON H BELTING .....	16
5	XBOZZ	09780	SA2260A	MOUNTING .....	
				REINFORCEMENT BELTING.....	1
* 6	PAOZZ	09780	SA8789	BELTING,FLAT .....	1
7	PAOZZ	96906	MS35691-17	NUT,PLAIN,HEXAGON BELTING MOUNTING....	16
8	PAOZZ	96906	MS35338-46	WASHER,LOCK BELTING MOUNTING .....	16

END OF FIGURE



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FIGURE 13. ROLLER.

## SECTION II

TM 5-3895-330-24P C01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 7309 VANE OR SCREW FEEDERS OR CONVEYORS	
				FIG. 13 ROLLER	
1	PAOZZ	96906	MS35691-49	NUTIPLAIN,HEXAGON ROLLER ASSEMBLY..... MOUNTING .....	12
* 2	PAOZZ	96906	MS35338-50	WASHER,LOCK ROLLER ASSEMBLY..... MOUNTING .....	12
3	XDOFF	09780	SA15451	ROLLER ASSEMBLY,BAL.....	2
4	XBFZZ	09780	SA10329A	.BAR,REINFORCEMENT.....	2
* 5	PAFZZ	80204	B1821BH063C175N	.SCREW,CAP,HEXAGON H PLATE MOUNTING	6
6	XBFZZ	09780	SA10330A	.PLATE,MOUNTING.....	1
7	XBFZZ	09780	SA1032B1	.SUPPORT .....	1
8	XDFZZ	09780	SA15451-1	.SHAFT AXLE .....	1
9	PAFZZ	96906	MS51955-38	.SCREW,SET SHAFT MOUNTING.....	2
10	XBFZZ	09780	SA10303B	.ROLLER .....	1
11	XBFZZ	09780	SA1032B2	.SUPPORT .....	1
12	PAFZZ	96906	MS35691-49	.NUT PLATE MOUNTING .....	6
*13	PAFZZ	96906	MS35338-50	.WASHER,LOCK PLATE MOUNTING .....	6
*14	PAOZZ	80204	B1821BH063C175N	SCREW,CAP,HEXAGON H.....	12

END OF FIGURE

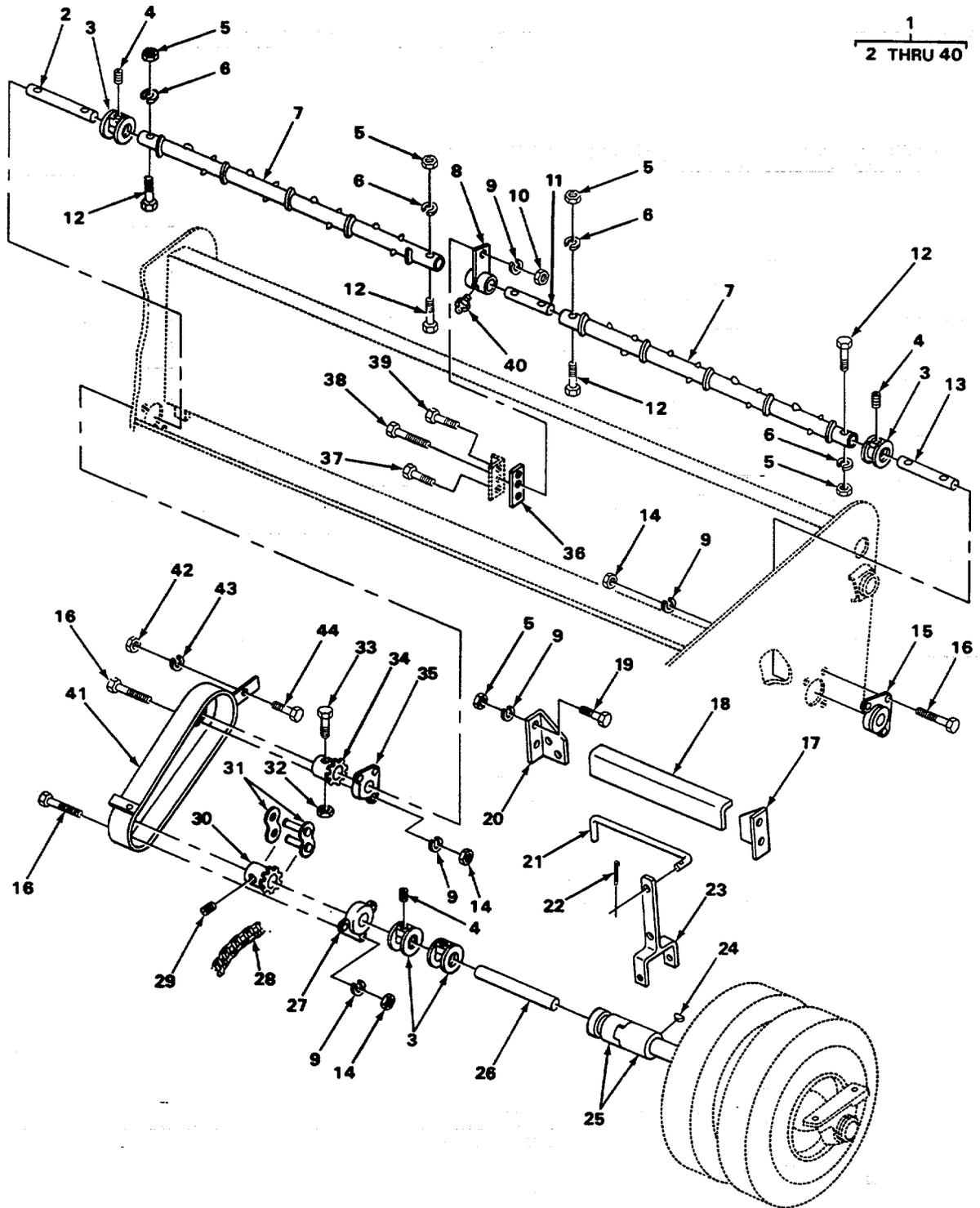


FIGURE 14. AGITATOR ASSEMBLY.

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## SECTION II

TM 5-3895-330-24P C01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 75 CONVEYING, FEEDING AND CRUSHING, SCREENING AND WASHING EQUIPMENT COMPONENTS GROUP 7511 RECIPROCATING AND VIBRATING PLATES AND GRIZZLEYS FIG. 14 AGITATOR ASSEMBLY					
1	XBFFF	09780	SA8445C	AGITATOR ASSEMBLY.....	1
2	PAFZZ	09780	SA2169A	.COUPLING,END LEFT HAND .....	1
3	XBFZZ	09780	SA2248A	.COLLAR .....	4
4	PAFZZ	96906	MS51963-106	.SETSCREW COLLAR MOUNTING .....	4
5	PAFZZ	96906	MS35691-21	.NUT,PLAIN,HEXAGON.....	8
6	PAFZZ	96906	MS35338-46	.WASHER,LOCK .....	3
7	XBFZZ	09780	SA8446B	.SHAFT,AGITATOR.....	2
8	PAFZZ	09780	SA5149C	.BEARING,PLAIN,ROD E CENTER .....	1
9	PFFZZ	96906	MS35338-48	.WASHERVLOCK HANGER MOUNTING .....	13
10	PAFZZ	96906	MS35691-37	.NUT,PLAIN,HEXAGON.....	3
11	PAFZZ	09780	SA2167A	.COUPLING,CENTER.....	1
12	PAFZZ	96906	MS90726-67	.SCREW,CAP,HEXAGON.....	4
13	PBFZZ	09780	SA2168B	.COUPLING,AGITATOR PIPE RIGHT HAND .....	1
14	PAFZZ	96906	MS35691-33	.NUT,PLAIN,HEXAGON.....	9
15	PAFZZ	09780	SA5152C	.BUSHING,SLEEVE .....	1
* 16	PAFZZ	80204	B1821BH050C150N	.SCREW,CAP,HEXAGON H .....	9
17	XBFZZ	09780	SA22308	.SUPPORT,ANGLE CLUTCH LEFT HAND .....	1
* 18	XBFZZ	09780	SA2229B	.SUPPORT,CLUTCH RIGHT HAND.....	1
19	PAFZZ	96906	MS90726-115	.SCREW,CAP,HEXAGON H.....	4
20	XBFZZ	09780	SA22678	.SUPPORT,ANGLE CLUTCH,RIGHT HAND.....	1
21	XBFZZ	09780	SA2268B	.ROD,CLUTCH SHIFTER.....	1
22	PAFZZ	96906	MS24665-518	.KEY,COTTER CLUTCH SHIFTER ROD .....	1
23	XDFZZ	09780	SA8032A	.SHIFTER FORK.....	1
24	XBFZZ	09780	SA8445C1	.KEY,WOODRUFF.....	2
25	PAFZZ	09780	SA5354B	.CLUTCH,AGITATOR .....	1
26	XDFZZ	09780	SA54218	.SHAFT ASSEMBLY AGITATOR DRIVE .....	1
27	PAFZZ	09780	SA8005C	.BUSHING,SLEEVE .....	1
28	XBFZZ	09780	SA8445C2	.CHAIN.....	1
29	PAFZZ	96906	MS51963-107	.SETSCREW SPROCKET MOUNTING .....	1
30	XDFZZ	09780	SA2160A	.SPROCKET WHEEL.....	1
31	XDFZZ	09780	SA8445C3	.LINK CHAIN CONNECTING.....	1
32	PAFZZ	96906	MS35691-9	.NUT,PLAIN,HEXAGON.....	1
33	PAFZZ	96906	MS90728-44	.BOLT,MACHINE SPROCKET MOUNTING.....	1
* 34	PAFZZ	09780	SA2161A	.SPROCKET WHEEL.....	1
35	PAFZZ	09780	SA5352B	.BUSHING,SLEEVE .....	1
36	XBFZZ	09780	SA2239A	.HANGER. ....	1
37	XBFZZ	09780	SA5149C1	.PLOWBOLT HANGER MOUNTING.....	1
38	PAFZZ	96906	MS90726-114	.SCREW,CAP,HEXAGON.....	1
39	PAFZZ	-96906	MS90727-111	.SCREW,CAP,HEXAGON H .....	1
40	PAFZZ	96906	MS15003-1	.FITTING,LUBRICATION .....	3
41	XDFZZ	09780	SA5146C	CHAIN ASSY,COVER.....	1
42	PAFZZ	96906	MS35691-33	NUT,PLAIN,HEXAGON.....	2
43	PFFZZ	96906	MS35338-48	WASHER,LOCK .....	2
*44	PAFZZ	80204	B1821BH050C150N	SCREW,CAP,HEXAGON H .....	2

END OF FIGURE

7  
5 THRU 7

SU  
31 THRU 33

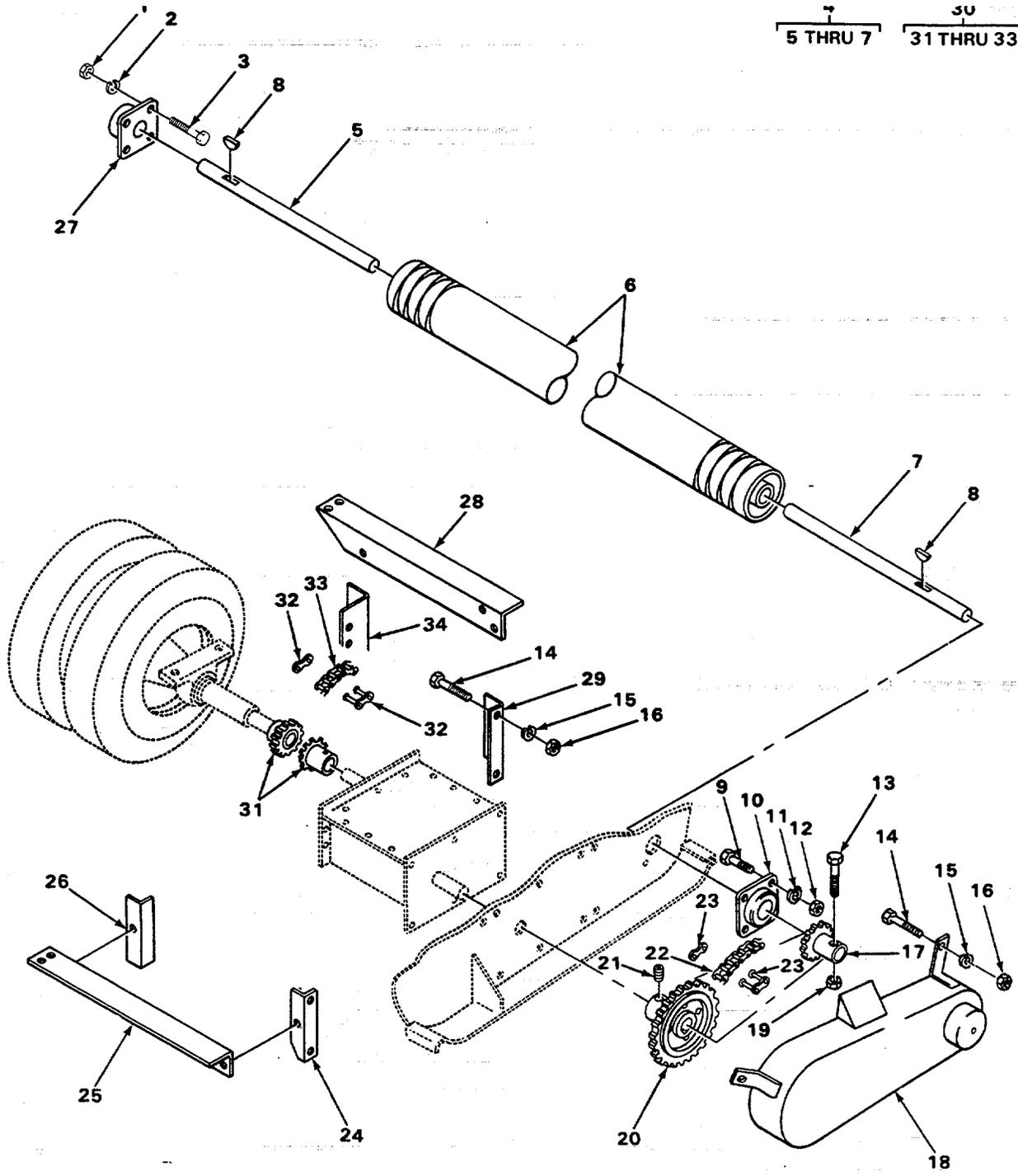


FIGURE 15. FEED ROLL.

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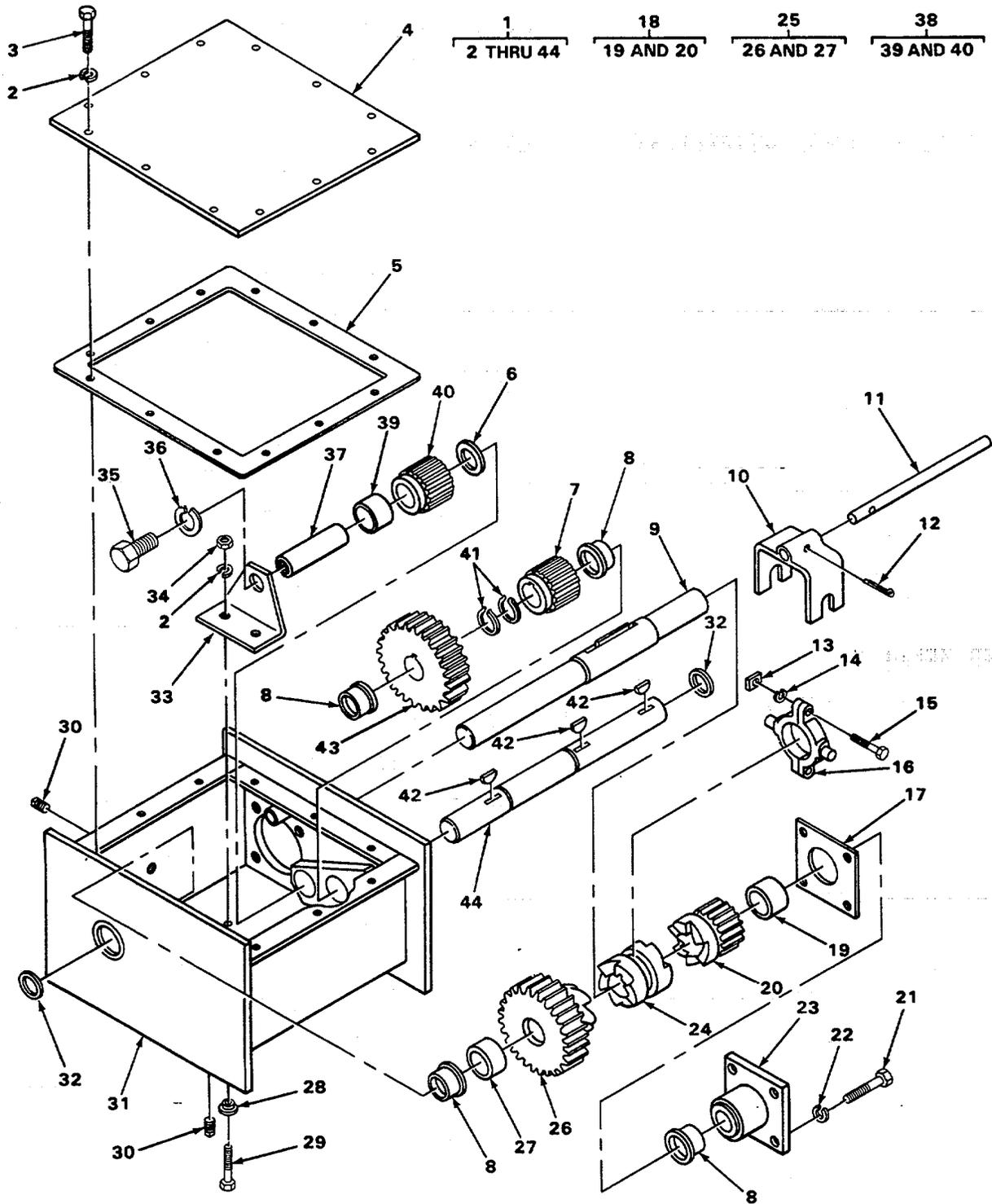
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## SECTION II

TM 5-3895-330-24P C01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 7511 RECIPROCATING AND VIBRATING PLATES AND GRIZZLEYS					
FIG. 15 FEED ROLL					
1	PAFZZ	96906	MS35691-33	NUT,PLAIN,HEXAGON BLOCK MOUNTING.....	4
2	PFFZZ	96906	MS35338-48	WASHER,LOCK BLOCK MOUNTING .....	4
* 3	PAFZZ	80204	B1821BH050C150N	SCREWCAP,HEXAGON H HEAD BLOCK.....	4
				MOUNTING .....	
* 4	PBFFF	09780	SA84600	ROLL ASSEMBLY,FEED .....	1
5	PAFZZ	09780	SA8464A	.SHAFT,LEFT HAND .....	1
6	XBFZZ	09780	SA8454C	.ROLL ASSEMBLY .....	1
7	XDFZZ	09780	SA8465A	.SHAFT,RIGHT HAND .....	1
8	XDFZZ	09780	SA8460D1	KEY .....	2
* 9	PAFZZ	80204	B1821BH044C150N	SCREW,CAP,HEXAGON H HEAD,BLOCK.....	4
				MOUNTING .....	
10	XBFZZ	19382	F220	BLOCK,FLANGE.....	1
11	PAFZZ	96906	MS35338-47	WASHER,LOCK BLOCK MOUNTING .....	4
12	PAFZZ	96906	MS35691-25	NUT,PLAIN,HEXAGON BLOCK MOUNTING.....	4
13	PAFZZ	96906	MS90728-44	BOLT,MACHINE SPROCKET MOUNTING.....	2
*14	PAOZZ	80204	81821BH050C150N	SCREW,CAP,HEXAGON H .....	14
15	PFOZZ	96906	MS35338-48	WASHER,LOCK. ....	14
16	PAOZZ	96906	MS35691-33	NUT,PLAIN,HEXAGON.....	14
17	XDFZZ	09780	SA5381C	SPROCKET WHEEL FEED ROLL DRIVE .....	1
18	XBOZZ	09780	SA5147C	COVER CHAIN,FEED ROLLER.....	1
19	PAFZZ	96906	MS35691-9	NUT,PLAIN,HEXAGON SPROCKET MOUNTING	1
20	XDFZZ	09780	SA2159A	SPROCKET WHEEL FEED ROLL DRIVE .....	1
21	PAFZZ	96906	MS51955-38	SETSCREW SPROCKET MOUNTING .....	1
22	XBOZZ	09780	SA8445C2	CHAIN.....	1
23	XDOZZ	09780	SA8445C3	LINK,CHAIN.....	1
24	XBOZZ	09780	SA2266B2	SUPPORT,ANGLE LEFT HAND .....	1
25	XBOZZ	09780	SA2212A2	SUPPORT,ANGLE LEFT HAND .....	1
26	XBOZZ	09780	SA2213A2	SUPPORT,ANGLE LEFT HAND .....	1
27	XBFZZ	19382	F220	BLOCK,FLANGE.....	1
28	XBOZZ	09780	SA2212A1	SUPPORT,ANGLE RIGHT HAND.....	1
29	XBOZZ	09780	SA2266B1	SUPPORT,ANGLE RIGHT HAND.....	1
30	PBOFF	09780	SA13905	COUPLING ASSY,FLEXI .....	1
31	XDFZZ	09780	SA2158A	.SPROCKET .....	1
32	XDOZZ	09780	SA13905-2	.LINK.....	1
33	XBOZZ	09780	SA13905-1	.CHAIN.....	1
34	XBOZZ	09780	SA2213A1	SUPPORT,ANGLE RIGHT HAND.....	1

END OF FIGURE



TA502563

FIGURE 16. GEAR BOX.

## SECTION II

TM 5-3895-330-24P C01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 7512 FEEDING SHAFTS					
FIG. 16 GEAR BOX					
1	XBFFF	09780	SA5002D	GEAR BOX ASSEMBLY .....	1
2	PAFZZ	96906	MS35338-46	.WASHER,LOCK COVER AND SUPPORT.....	14
				MOUNTING .....	
* 3	PAFZZ	80204	B1821BH038C075N	.SCREW,CAP,HEXAGON H COVER MOUNTING	12
4	XBFZZ	09780	SA2216C	.COVER GEAR BOX.....	1
5	XDFZZ	09780	SA7458C	.GASKET COVER TO GEAR BOX.....	1
6	XBFZZ	09780	SA5002D2	.WASHER.....	1
7	PAFZZ	09780	SA2172B	.GEAR,SPUR.....	1
8	XDFZZ	09780	AA1512-5	.BUSHING .....	4
9	XBFZZ	09780	SA5143B	.SHAFT ASSEMBLY,FEED.....	1
10	XDFZZ	09780	SA5140B	.SHIFTER FORK CLUTCH.....	1
11	XDFZZ	09780	SA2225A	.SHAFT,THROW OUT .....	1
12	PAFZZ	96906	MS24665-628	.PIN,COTTER THROW OUT SHAFT.....	1
13	PAFZZ	96906	MS27040-11	.NUT,PLAIN,SQUARE COLLAR .....	2
14	PAFZZ	96906	MS35338-45	.WASHER,LOCK COLLAR .....	2
15	PAFZZ	96906	MS90725-36	.SCREW,CAP,HEXAGON H COLLAR .....	2
16	XBFZZ	09780	SA5203B	.COLLAR,CLUTCH .....	1
17	XDFZZ	09780	SA19184A	.GASKET BEAR MOUNTING.....	1
18	XDFFF	09780	SA5011B	.GEAR ASSEMBLY,FEED ROLL .....	1
19	XDFZZ	09780	SA2289A	.BUSHING .....	1
20	XDFZZ	09780	SA7836A	.GEAR,CLUTCH .....	1
* 21	PAFZZ	80204	B1821BH50OC150N	.SCREW,CAP,HEXAGON H HEAD BEARING.....	4
				MOUNTING .....	
22	PFFZZ	96906	MS35338-48	.WASHER,LOCK BEARING MOUNTING.....	4
23	PAFZZ	09780	SA6946C	.BUSHING,SLEEVE DRIVE SHAFT.....	1
24	PAFZZ	09780	SA5202A	.CLUTCH .....	1
25	XDFFF	09780	SA5010C	.GEAR ASSEMBLY,FEED ROLL .....	1
26	XDFZZ	09780	SA2170B	.GEAR,CLUTCH .....	1
27	XDFZZ	09780	SA2289A	.BUSHING .....	1
* 28	PAFZZ	96906	MS35769-92	.GASKET COPPER .....	2
29	PAFZZ	96906	MS90727-62	.SCREW,CAP,HEXAGON H HEAD,SUPPORT....	2
				MOUNTING .....	
*30	PAFZZ	81348	WW-P-471AASBCC	.PLUG,PIPE.....	3
31	XBFZZ	09780	SA5001C	.GEAR BOX.....	1
32	PAFZZ	80201	12485	.SEAL,PLAIN ENCASED.....	2
33	XDFZZ	09780	SA2247A	.BRACKET,ANGLE .....	1
34	PAFZZ	96906	MS35691-21	.NUT,PLAIN,HEXAGON SUPPORT MOUNTING.	2
35	XBFZZ	09780	SA2553A	.BOLT SHAFT SUPPORT.....	1
36	PAFZZ	96906	MS35338-51	.WASHER,LOCK SHAFT SUPPORT .....	1
37	XDFZZ	09780	SA2164A	.GEAR,IDLER .....	1
38	XDFFF	D9780	SA5145B	.GEAR ASSEMBLY,FEED ROLL,IDLER.....	1
39	XDFZZ	09780	SA2289A	.BUSHING .....	1
40	XBFZZ	09780	SA2173A	.GEAR .....	1
41	PAFZZ	79136	5100-125	.RING,RETAINING.....	2
42	XBFZZ	09780	SA5002D1	.KEY .....	3
43	XDFZZ	09780	SA2171C	.GEAR,DRIVE.....	1
44	XBFZZ	09780	SA2162B	.SHAFT .....	1

END OF FIGURE

## CROSS-REFERENCE INDEXES

STOCK NUMBER	NATIONAL STOCK NUMBER INDEX			
	FIG.	ITEM	STOCK NUMBER	FIG. ITEM
4730-00-050-4208	2	5	2530-00-484-0647	1 2
	14	40	2530-00-484-0648	1 3
2610-00-050-9870	5	3	3895-00-484-0738	15 4
2610-00-051-9266	5	1	3040-00-484-0740	2 2
5305-00-054-9271	9	12	2610-00-540-4719	5 2
	11	1	5305-00-543-4372	12 4
5305-00-054-9273	13	9		16 3
	15	21	5310-00-584-5272	2 10
5305-00-058-0769	10	11		8 9
5315-00-060-2411	9	16		9 3
5305-00-068-0511	6	6		11 6
5305-00-071-2055	4	5		14 9
	15	9		14 43
5305-00-071-2069	2	8		15 2
	6	4		15 15
	8	7		16 22
	11	9	5310-00-584-7888	7 2
	14	16		16 36
	14	44	5310-00-637-9541	6 8
	15	3		9 24
	15	14		12 8
	16	21		14 6
5305-00-071-2073	9	7		16 2
2610-00-089-5997	5	4	5305-00-719-5219	14 39
3110-00-100-0730	3	6	5305-00-724-5886	14 4
3110-00-100-3108	3	11	5305-00-724-5887	14 29
5310-00-167-0821	12	3	5305-00-724-7221	13 5
5310-00-167-0823	2	9		13 14
	9	13	5305-00-724-7222	1 9
	11	20	5305-00-725-4187	14 38
5310-00-167-0826	7	1	5310-00-763-8921	7 3
5310-00-167-1289	9	36		9 28
4730-00-187-4202	16	30	5305-00-782-9489	9 26
5330-00-203-1094	16	28	5310-00-820-6653	1 8
5310-00-209-0965	4	7		13 2
	15	11		13 13
3120-00-222-1545	14	35	5310-00-834-8732	2 11
3120-00-222-1548	14	15		6 5
5306-00-226-4837	14	33		8 10
	15	13		9 2
5305-00-226-7768	14	19		11 5
5315-00-234-1664	8	4		14 14
5315-00-243-1171	14	22		14 42
5305-00-269-2811	14	12		15 1
5305-00-269-3238	16	29		15 16
5305-00-269-3246	10	8	5310-00-834-8734	14 10
5365-00-281-6623	16	41	5310-00-838-1702	9 27
5310-00-407-9566	6	3	5315-00-846-0126	16 12
	16	14	5310-00-851-2677	1 7
2520-00-484-0640	9	10		10 15

## CROSS-REFERENCE INDEXES

STOCK NUMBER	NATIONAL STOCK NUMBER INDEX		STOCK NUMBER	FIG.	ITEM
	FIG.	ITEM			
5310-00-851-2677	13	1			
	13	12			
5310-00-851-2682	6	9			
	9	23			
	12	7			
5330-00-876-2782	16	32			
5310-00-880-8189	4	8			
5310-00-891-1709	14	32			
	15	19			
5310-00-891-1711	15	12			
5310-00-915-2075	10	7			
	14	5			
	16	34			
5310-00-982-4949	16	13			
5306-01-075-8519	16	15			
3030-01-291-9574	12	6			
2530-01-340-1636	3	1			

## CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
09780	AA1512-5		16	8
88044	AN310-8	5310-00-167-1289	9	36
88044	AN960-1216	5310-00-167-0826	7	1
88044	AN960-616	5310-00-167-0821	12	3
88044	AN960-816	5310-00-167-0823	2	9
			9	13
			11	20
80204	B1821BH038CO75N	5305-00-543-4372	12	4
			16	3
80204	B18218H038CI25N	5305-00-068-0511	6	6
80204	B18218H038C200N	5305-00-782-9489	9	26
80204	81821BH044C150N	5305-00-071-2055	4	5
			15	9
80204	B1821BH050C150N	5305-00-071-2069	2	8
			6	4
			8	7
			11	9
			14	16
			14	44
			15	3
			15	14
			16	21
80204	B1821BH050CZ50N	5305-00-071-2073	9	7
80204	B1821BH063C175N	5305-00-724-7221	13	5
			13	14
80204	B1821BH063C200N	5305-00-724-7222	1	9
96332	E1973A		1	4
96332	E1973B		1	5
96332	E1973C		1	6
19382	F220		15	10
			15	27
81348	GP2/9.00-16/TR17 7A/ON CENTER	2610-00-051-9266	5	1
81349	MIL-T-12459/CLMS /SB/9.00-16/D/MS	2610-00-540-4719	5	2
96906	MS15003-1	4730-00-050-4208	2	5
			14	40
96906	MS24665-495	5315-00-234-1664	8	4
96906	MS24665-518	5315-00-243-1171	14	22
96906	MS24665-628	5315-00-846-0126	16	12
96906	MS24665-642	5315-00-060-2411	9	16
96906	MS27040-11	5310-00-982-4949	16	13
96906	MS35338-45	5310-00-407-9566	6	3
			16	14
96906	MS35338-46	5310-00-637-9541	6	8
			9	24
			12	8
			14	6
			16	2
96906	MS35338-47	5310-00-209-0965	4	7
			15	11

## CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
96906	MS35338-48	5310-00-584-5272	2	10
			8	9
			9	3
			11	6
			14	9
			14	43
			15	2
			15	15
			16	22
			16	22
96906	MS35338-50	5310-00-820-6653	1	8
			13	2
96906	MS35338-51	5310-00-584-7888	13	13
			7	2
96906	MS35389-84	2610-00-050-9870	16	36
			5	3
96906	MS35691-17	5310-00-851-2682	6	9
			9	23
96906	MS35691-21	5310-00-975-2075	12	7
			10	7
96906	MS35691-25	5310-00-891-1711	14	5
			16	34
96906	MS35691-33	5310-00-834-8732	15	12
			2	11
96906	MS35691-37	5310-00-834-8734	6	5
			8	10
96906	MS35691-49	5310-00-851-2677	9	2
			11	5
96906	MS35691-57	5310-00-838-1702	14	14
			14	42
96906	MS35691-9	5310-00-891-1709	15	1
			15	16
96906	MS35769-92	5330-00-203-1094	14	10
			1	7
96906	MS51955-35	5305-00-058-0769	10	15
			13	1
96906	MS51955-36	5305-00-054-9271	13	12
			9	27
96906	MS51955-38	5305-00-054-9273	14	32
			15	19
96906	MS51963-106	5305-00-724-5886	16	28
			10	11
96906	MS51963-107	5305-00-724-5887	9	12
			11	1
96906	MS51967-11	5310-00-880-8189	13	9
			15	21
96906	MS51967-23	5310-00-763-8921	14	4
			14	29
96906	MS90725-36	5306-01-075-8519	4	8
			7	3
96906	MS90725-36	5306-01-075-8519	9	28
			16	15

## CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
96906	MS90726-114	5305-00-725-4187	14	38
96906	MS90726-115	5305-00-226-7768	14	19
96906	MS90726-67	5305-00-269-2811	14	12
96906	MS90727-111	5305-00-719-5219	14	39
96906	MS90727-62	5305-00-269-3238	16	29
96906	MS90727-70	5305-00-269-3246	10	8-
96906	MS90728-44	5306-00-226-4837	14	33
			15	13
19382	P231		2	4
09780	SA10186C		10	1
09780	SA10186C1		10	2
09780	SA10303B		13	10
09780	SA103281		13	7
09780	SA1032B2		13	11
09780	SA10329A		13	4
09780	SA10330A		13	6
09780	SA13905		15	30
09780	SA13905-1		15	33
09780	SA13905-2		15	32
09780	SA15451		13	3
09780	SA15451-1		13	8
09780	SA19184A		16	17
09780	SA196680		6	2
09780	SA19672D		6	1
09780	SA19680A		6	7
09780	SA20232D		7	4
09780	SA20298D		1	1
09780	SA20299C		8	1
09780	SA20301C	2530-00-484-0647	1	2
09780	SA20306C	2530-00-484-0648	1	3
09780	SA20310		3	7
09780	SA20311		3	7
09780	SA20313A		8	5
09780	SA2121A		11	21
09780	SA2122A		11	4
09780	SA2123A		11	11
09780	SA21248		11	3
09780	SA2126A		11	22
09780	SA2127		9	30
09780	SA2130A		9	29
09780	SAZ131A		9	31
09780	SA2146C		11	12
09780	SA2156A		2	7
09780	SA2158A		15	31
09780	SA2159A		15	20
09780	SA2160A		14	30
09780	SA2161A		14	34
09780	SA2162B		16	44
09780	SA2164A		16	37
09780	SA2167A		14	11
09780	SA2168B		14	13

## CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
09780	SA2169A		14	2
09780	SA2170B		16	26
09780	SA2171C		16	43
09780	SA2172B		16	7
09780	SA2173A		16	40
09780	SA2176A		9	15
09780	SA2177A		11	2
			11	8
09780	SA2179A		10	6
			11	18
09780	SA2179A1		10	4
			11	16
09780	SA2179A2		10	3
			11	15
09780	SA2192A	2520-00-484-0640	9	10
09780	SA2193A		9	9
09780	SA2194		9	33
09780	SA2195		9	32
09780	SA2196B		9	21
09780	SA2198B		9	25
09780	SA2202A		9	17
09780	SA2212A1		15	28
09780	SA2212A2		15	25
09780	SA2213A1		15	34
09780	SA2213A2		15	26
09780	SA2216C		16	4
09780	SA2225A		16	11
09780	SA2227B		10	12
09780	SA22298		14	18
09780	SA2230B		14	17
09780	SA2239A		14	36
09780	SA2247A		16	33
09780	SA2248A		14	3
09780	SA2260A		12	5
09780	SA2263A	3040-00-484-0740	2	2
09780	SA2263A1		2	1
09780	SA226681		15	29
09780	SA2266B2		15	24
09780	SA22678		14	20
09780	SA2268B		14	21
09780	SA2280A		10	5
			11	17
09780	SA2285A		2	3
09780	SA2289A		16	19
			16	27
			16	39
09780	SA2553A		16	35
09780	SA3314B		9	35
09780	SA5001C		16	31
09780	SA5002D		16	1
09780	SA5002D1		16	42

## CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
09780	SA500202		16	6
09780	SA5010C		16	25
09780	SAO5011B		16	18
09780	SA51348		11	19
09780	SA5137B		11	23
09780	SA5139B		11	10
09780	SA5140B		16	10
09780	SA51438		16	9
09730	SA51458		16	38
09780	SA5146C		14	41
09780	SA5147C		15	18
09780	SA5149C		14	8
09780	SA5149C1		14	37
09780	SA5150B		9	6
09780	SA5152C	3120-00-222-1548	14	15
09780	SA5202A		16	24
09780	SA5203B		16	16
09780	SA5279C		10	14
09780	SA53528	3120-00-222-1545	14	35
09780	SA5354B		14	25
09780	SA5381C		15	17
09780	SA5382D		9	18
09780	SA54218		14	26
09780	SA5889		9	34
09780	SA6174		7	5
09780	SA6804		4	2
09780	SA6834		4	3
09780	SA6835		4	6
09780	SA6946C		16	23
09780	SA7155A		8	11
09780	SA7290C		9	8
09780	SA7293A		9	14
09780	SA7458C		16	5
09780	SA7611B		9	19
09780	SA7836A		16	20
09780	SA7977A		9	20
09780	SA7978A		9	22
09780	SA8005C		14	27
09780	SA8032A		14	23
09780	SA8183A		10	13
09780	SA8259B		9	5
09780	SA8326D		9	1
09780	SA8438B		12	1
09780	SA8445C		14	1
09780	SA8445C1		14	24
09780	SA8445C2		14	28
			15	22
09780	SA8445C3		14	31
			15	23
09780	SA8446B		14	7
09780	SA8448D		12	2

## CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
09780	SA8450B		11	7
09780	SA8454C		15	6
09780	SA8460D	3895-00-484-0738	15	4
09780	SA8460D1		15	8
09780	SA8464A		15	5
09780	SA8465A		15	7
09780	SA8719C		4	1
09780	SA8789	3030-01-291-9574	12	6
09780	SA8790C		9	11
09780	SA8790C1		9	4
09780	SA8854B		10	9
09780	SA8855A		10	10
09780	SA9334A		8	2
09780	SA9336A		8	8
09780	SA9338A		8	6
09780	SA9340A		8	3
09780	SA9617A		2	6
09780	SA9783B		11	13
09780	SA9783B1		11	14
81348	WW-P-471AASBCC	4730-00-187-4202	16	30
73808	00X9FLAP		4	4
09780	1-632A		3	10
09780	1-632B		3	8
09780	1-632E		3	12
09780	1-632F		3	5
09780	1-632G		3	4
09780	1-632H		3	2
09780	1-632LH		3	9
09780	1-632RH		3	9
09780	12X134		3	3
80201	12485	5330-00-876-2782	16	32
09780	17X118	3110-00-100-3108	3	11
09780	17X193	3110-00-100-0730	3	6
09780	24-1597	2530-01-340-1636	3	1
09780	27-8006		3	13
79136	5100-125	5365-00-281-6623	16	41
73808	6-00X9	2610-00-089-5997	5	4
09780	8-904		3	14

## CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX				
FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
1	1		09780	SA20298D
1	2	2530-00-484-0647	09780	SA20301C
1	3	2530-00-484-0648	09780	SA20306C
1	4		96332	E1973A
1	5		96332	E1973B
1	6		96332	E1973C
1	7	5310-00-851-2677	96906	MS35691-49
1	8	5310-00-820-6653	96906	MS35338-50
1	9	5305-00-724-7222	80204	818218HO63C200N
2	1		09780	SA2263A1
2	2	3040-00-484-0740	09780	SA2263A
2	3		09780	SA2285A
2	4		19382	P231
2	5	4730-00-050-4208	96906	MS15003-1
2	6		09780	SA9617A
2	7		09780	SA2156A
2	8	5305-00-071-2069	80204-	B1821BH05OC150N
2	9	5310-00-167-0823	88044	AN960-816
2	10	5310-00-584-5272	96906	MS35338-48
2	11	5310-00-834-8732	96906	MS35691-33
3	1	2530-01-340-1636	09780	24-1597
3	2		09780	1-632H
3	3		09780	12X134
3	4		09780	1-632G
3	5		09780	1-632F
3	6	3110-00-100-0730	09780	17X193
3	7		09780-	SA20310
3	7		09780	SA20311
3	8		09780	1-6328
3	9		09780	1-632LH
3	9		09780	1-632RH
3	10		09780	1-632A
3	11	3110-00-100-3108	09780	17X118
3	12		09780	1-632E
3	13		09780	27-8006
3	14		09780	8-904
4	1		09780	SA8719C
4	2		09780	SA6804
4	3		09780	SA6834
4	4		73808	OOX9FLAP
4	5	5305-00-071-2055	80204	B18218H044C150N
4	6		09780	SA6835
4	7	5310-00-209-0965	96906	MS35338-47
4	8	5310-00-880-8189	96906	MS51967-11
5	1	2610-00-051-9266	81348	GP2/9.00-16/TR17 7A/ON CENTER
5	2	2610-00-540-4719	81349	MIL-T-12459/CLMS /S8/9.00-16/D/MS
5	3	2610-00-050-9870	96906	MS35389-84
5	4	2610-00-089-5997	73808	6-00X9
6	1		09780	SA19672D

## CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX				
FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
6	2		09780	SA19668D
6	3	5310-00-407-9566	96906	MS35338-45
6	4	5305-00-071-2069	80204	B1821BHO50C150N
6	5	5310-00-834-8732	96906	MS35691-33
6	6	5305-00-068-0511	80204	B1B21BHO38C125N
6	7		09780	SA19680A
6	8	5310-00-637-9541	96906	MS35338-46
6	9	5310-00-851-2682	96906	MS35691-17
7	1	5310-00-167-0826	88044	AN960-1216
7	2	5310-00-584-7888	96906	MS35338-51
7	3	5310-00-763-8921	96906	MS51967-23
7	4		09780	SA20232D
7	5		09780	SA6174
8	1		09780	SA20299C
8	2		09780	SA9334A
8	3		09780	SA9340A
8	4	5315-00-234-1664	96906	MS24665-495
8	5		09780	SA20313A
8	6		09780	SA9338A
8	7	5305-00-071-2069	80204	B1821BH050C150N
8	8		09780	SA9336A
8	9	5310-00-584-5272	96906	MS35338-48
8	10	5310-00-834-8732	96906	MS35691-33
8	11		09780	SA7155A
9	1		09780	SA8326D
9	2	5310-00-834-8732	96906	MS35691-33
9	3	5310-00-584-5272	96906	MS35338-48
9	4		09780	SA8790C1
9	5		09780	SA8259B
9	6		09780	SA5150B
9	7	5305-00-071-2073	80204	B1821BH050C250N
9	8		09780	SA7290C
9	9		09780	SA2193A
9	10	2520-00-484-0640	09780	SA2192A
9	11		09780	SA8790C
9	12	5305-00-054-9271	96906	MS51955-36
9	13	5310-00-167-0823	88044	AN960-816
9	14		09780	SA7293A
9	15		09780	SA2176A
9	16	5315-00-060-2411	96906	MS24665-642
9	17		09780	SA2202A
9	18		09780	SA5382D
9	19		09780	SA7611B
9	20		09780	SA7977A
9	21		09780	SA2196B
9	22		09780	SA7978A
9	23	5310-00-851-2682	96906	MS35691-17
9	24	5310-00-637-9541	96906	MS35338-46
9	25		09780	SA2198B
9	26	5305-00-782-9489	80204	B1821BH038C200N
9	27	5310-00-838-1702	96906	MS35691-57

## CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX				
FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
9	28	5310-00-763-8921	96906	MS51967-23
9	29		09780	SA2130A
9	30		09780	SA2127
9	31		09780	SA2131A
9	32		09780	SA2195
9	33		09780	SA2194
9	34		09780	SA5889
9	35		09780	SA3314B
9	36	5310-00-167-1289	88044	AN310-8
10	1		09780	SA10186C
10	2		09780	SA10186C1
10	3		09780	SA2179A2
10	4		09780	SAZ2179A1
10	5		09780	SA2280A
10	6		09780	SA2179A
10	7	5310-00-975-2075	96906	MS35691-21
10	8	5305-00-269-3246	96906	MS90727-70
10	9		09780	SA8854B
10	10		09780	SA8855A
10	11	5305-00-058-0769	96906	MS51955-35
10	12		09780	SA2227B
10	13		09780	SA8183A
10	14		09780	SA5279C
10	15	5310-00-851-2677	96906	MS35691-49
11	1	5305-00-054-9271	96906	MS51955-36
11	2		09780	SA2177A
11	3		09780	SA2124B
11	4		09780	SA2122A
11	5	5310-00-834-8732	96906	MS35691-33
11	6	5310-00-584-5272	96906	MS35338-48
11	7		09780	SA8450B
11	8		09780	SA2177A
11	9	5305-00-071-2069	80204	B1821BH050C150N
11	10		09780	SA5139B
11	11		09780	SA2123A
11	12		09780	SA2146C
11	13		09780	SA9783B
11	14		09780	SA9783B1
11	15		09780	SA2179A2
11	16		09780	SA2179A1
11	17		09780	SA2280A
11	18		09780	SA2179A
11	19		09780	SA5134B
11	20	5310-00-167-0823	88044	AN960-816
11	21		09780	SA2121A
11	22		09780	SA2126A
11	23		09780	SA5137B
12	1		09780	SA8438B
12	2		09780	SA8448D
12	3	5310-00-167-0821	88044	AN960-616
12	4	5305-00-543-4372	80204	B1821BH038C075N

## CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX				
FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
12	5		09780	SA2260A
12	6	3030-01-291-9574	09780	SA8789
12	7	5310-00-851-2682	96906	MS35691-17
12	8	5310-00-637-9541	96906	MS35338-46
13	1	5310-00-851-2677	96906	MS35691-49
13	2	5310-00-820-6653	96906	MS35338-50
13	3		09780	SA15451
13	4		09780	SA10329A
13	5	5305-00-724-7221	80204	B1821BH063C175N
13	6		09780	SA10330A
13	7		09780	SA1032B1
13	8		09780	SA15451-1
13	9	5305-00-054-9273	96906	MS51955-38
13	10		09780	SA10303B
13	11		09780	SA1032B2
13	12	5310-00-851-2677	96906	MS35691-49
13	13	5310-00-820-6653	96906	MS35338-50
13	14	5305-00-724-7221	80204	B1821BH063C175N
14	1		09780	SA8445C
14	2		09780	SA2169A
14	3		09780	SA2248A
14	4	5305-00-724-5886	96906	MS51963-106
14	5	5310-00-975-2075	96906	MS35691-21
14	6	5310-00-637-9541	96906	MS35338-46
14	7		09780	SA8446B
14	8		09780	SA5149C
14	9	5310-00-584-5272	96906	MS35338-48
14	10	5310-00-834-8734	96906	MS35691-37
14	11		09780	SA2167A
14	12	5305-00-269-2811	96906	MS90726-67
14	13		09780	SA2168B
14	14	5310-00-834-8732	96906	MS35691-33
14	15	3120-00-222-1548	09780	SA5152C
14	16	5305-00-071-2069	80204	B1821BH050C150N
14	17		09780	SA2230B
14	18		09780	SA2229B
14	19	5305-00-226-7768	96906	MS90726-115
14	20		09780	SA22673
14	21		09780	SA22688
14	22	5315-00-243-1171	96906	MS24665-518
14	23		09780	SA8032A
14	24		09780	SA8445C1
14	25		09780	SA5354B
14	26		09780	SA54218
14	27		09780	SA8005C
14	28		09780	SAB445C2
14	29	5305-00-724-5887	96906	MS51963-107
14	30		09780	SA2160A
14	31		09780	SA8445C3
14	32	5310-00-891-1709	96906	MS35691-9
14	33	5306-00-226-4837	96906	MS90728-44

## CROSS-REFERENCE INDEXES

## FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
14	34		09780	SA2161A
14	35	3120-00-222-1545	09780	SA5352B
14	36		09780	SA2239A
14	37		09780	SA5149C1
14	38	5305-00-725-4187	96906	MS90726-114
14	39	5305-00-719-5219	96906	MS90727-111
14	40	4730-00-050-4208	96906	MS15003-1
14	41		09780	SA5146C
14	42	5310-00-834-8732	96906	MS35691-33
14	43	5310-00-584-5272	96906	MS35338-48
14	44	5305-00-071-2069	80204	B1821BH050C150N
15	1	5310-00-834-8732	96906	MS35691-33
15	2	5310-00-584-5272	96906	MS35338-48
15	3	5305-00-071-2069	80204	B1821BH050C150N
15	4	3895-00-484-0738	09780	SA8460D
15	5		09780	SA8464A
15	6		09780	SA8454C
15	7		09780	SA8465A
15	8		09780	SA8460D1
15	9	5305-00-071-2055	80204	B1821BH044C150N
15	10		19382	F220
15	11	5310-00-209-0965	96906	MS35338-47
15	12	5310-00-891-1711	96906	MS35691-25
15	13	5306-00-226-4837	96906	MS90728-44
15	14	5305-00-071-2069	80204	B1821BH050C150N
15	15	5310-00-584-5272	96906	MS35338-48
15	16	5310-00-834-8732	96906	MS35691-33
15	17		09780	SA5381C
15	18		09780	SA5147C
15	19	5310-00-891-1709	96906	MS35691-9
15	20		09780	SA2159A
15	21	5305-00-054-9273	96906	MS51955-38
15	22		09780	SA8445C2
15	23		09780	SA8445C3
15	24		09780	SA2266B2
15	25		09780	SA2212A2
15	26		09780	SA2213A2
15	27		19382	F220
15	28		09780	SA2212A1
15	29		09780	SA2266B1
15	30		09780	SA13905
15	31		09780	SA2158A
15	32		09780	SA13905-2
15	33		09780	SA13905-1
15	34		09780	SA2213A1
16	1		09780	SA5002D
16	2	5310-00-637-9541	96906	MS35338-46
16	3	5305-00-543-4372	80204	B1821BH038C075N
16	4		09780	SA2216C
16	5		09780	SA7458C
16	6		09780	SA5002D2

## CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
16	7		09780	SA2172B
16	8		09780	AA1512-5
16	9		09780	SA5143B
16	10		09780	SA5140B
16	11		09780	SA2225A
16	12	5315-00-846-0126	96906	MS24665-628
16	13	5310-00-982-4949	96906	MS27040-11
16	14	5310-00-407-9566	96906	MS35338-45
16	15	5306-01-075-8519	96906	MS90725-36
16	16		09780	SA5203B
16	17		09780	SA19184A
16	18		09780	SA5011B
16	19		09780	SA2289A
16	20		09780	SA7836A
16	21	5305-00-071-2069	80204	B1821BH050C150N
16	22	5310-00-584-5272	96906	MS35338-48
16	23		09780	SA6946C
16	24		09780	SA5202A
16	25		09780	SA5010C
16	26		09780	SA2170B
16	27		09780	SA2289A
16	28	5330-00-203-1094	96906	MS35769-92
16	29	5305-00-269-3238	96906	MS90727-62
16	30	4730-00-187-4202	81348	WW-P-471AASBCC
16	31		09780	SA5001C
16	32	5330-00-876-2782	80201	12485
16	33		09780	SA2247A
16	34	5310-00-975-2075	96906	MS35691-21
16	35		09780	SA2553A
16	36	5310-00-584-7888	96906	MS35338-51
16	37		09780	SA2164A
16	38		09780	SA5145B
16	39		09780	SA2289A
16	40		09780	SA2173A
16	41	5365-00-281-6623	79136	5100-125
16	42		09780	SA5002D1
16	43		09780	SA2171C
16	44		09780	SA2162B

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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

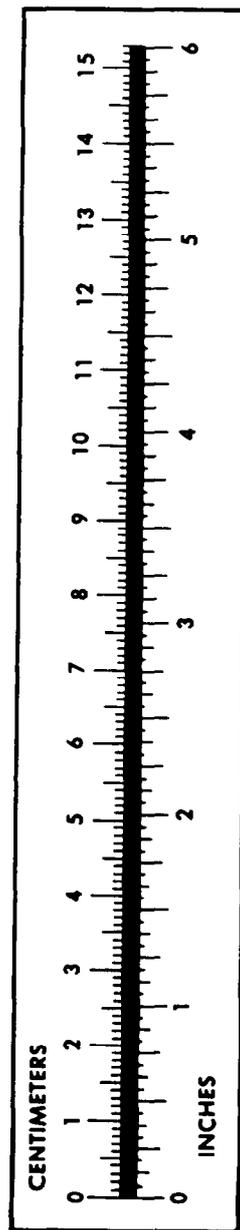
## TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$   
 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



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