
TECHNICAL MANUAL

**ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS**

**TANK AND PUMP UNIT, LIQUID DISPENSING,
FOR TRUCK MOUNTING (UNITED MANUFACTURING AND
ENGINEERING CORP. MODEL STYLE 1)**

NSN 4930-00-542-2800

(MODEL 2519) NSN 4930-00-987-8576,

(MODEL 2938) NSN 4930-00-078-4939,

(BOWSER INC. MODEL 36W50)

NSN 4930-00-078-4938

(ORR AND SEMBOWER INC. MODEL BL-100)

NSN 4930-00-926-3692

(ALTECH INC. MODEL 4000)

NSN 4930-00-926-3581

This copy is a reprint which includes current
pages from Changes 1 through 4.

This manual supersedes Appendix D, TM 10-4930-204-15, 22 September 1967.

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15 MAY 1980**

CHANGE
NO. 6

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WASHINGTON, D.C., 6 February 1996

Organizational and Direct Support Maintenance
Repair Parts and Special Tools List

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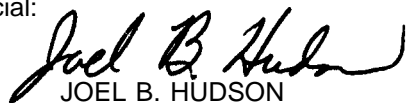
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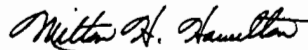
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Repair Parts and Special Tools Lists

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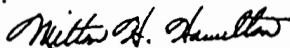
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Organizational and Direct Support Maintenance
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Remove pages

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63 through 71

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34.14 through 34.15/34.16
63 through 73/74

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39/40
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65 through 70

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i and ii
7 through 10
33 and 34
39/40
40
45 through 52
65 through 70

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23 and 24	23 and 24
53 and 54	53 and 54

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NO. 10-4930-204-23P

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WASHINGTON, D. C., 15 May 1980

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**(ORR AND SEMBOWER INC. MODEL BL-100)
NSN 4930-00-926-3692**

**(ALTECH INC. MODEL 4000)
NSN 4930-00-926-3851**

Current as of 27 June 1979

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1788. You may also submit your recommended changes by E-mail directly to <daf2028@st-louis-emh7.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 maybe found at the back of this manual preceding the hard copy 2028.

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Section I. INTRODUCTION

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, direct support, and general support maintenance of the Tank and Pump Unit. 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. Bulk materials are listed in NSN sequence.

b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance.

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. This index is followed by a cross-reference list of reference designators to figure and item numbers.

3. Explanation of Columns.

a. Illustration. 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:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply system.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfitting. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.

Code	Definition
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at the organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at the direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XC	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD	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 coded above except those coded XA and aircraft support items as restricted by AR 70042.

(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:

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
I	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.
F	Support item is removed, replaced, used at the direct support 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:

Code	Application/Explanation
O	The lowest maintenance level capable of complete repair of the support item is the organizational level,
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated specialized repair activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item maybe reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(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:

Recoverability Code	Definition
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When uneconomically repairable, condemn and dispose at organizational level.
F	Reparable item. When uneconomically repairable, condemn and dispose at the direct support level.
H	Reparable item. When uneconomically repairable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

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 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 item 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. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable (e.g., shims, spacers, etc.).

4. Special Information.

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

Code	Used On
CES	MODEL STYLE 1
CET	MODEL 2519
CEU	MODEL 2938
CEV	MODEL 36W50
CEW	MODEL BL100
CEX	MODEL 4000

b. Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 10-4930-204-13. Bulk materials required to manufacture items are listed in the Bulk Material Group of this manual.

c. Detailed assembly instructions for items source coded to be assembled are found in TM 10-4930-204-13. Assembly components are listed immediately following the item to be assembled.

d. Repair parts kits and gasket sets listed at the end of the repair parts listing for the last figure containing parts of the kit.

e. The following publications pertain to the Tank and Pump Unit and its components:

TM 10-4930-204-13 - Operator's, organizational and Direct Support Maintenance Manual.

LO 10-4930-204-12- Lubrication Order

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.

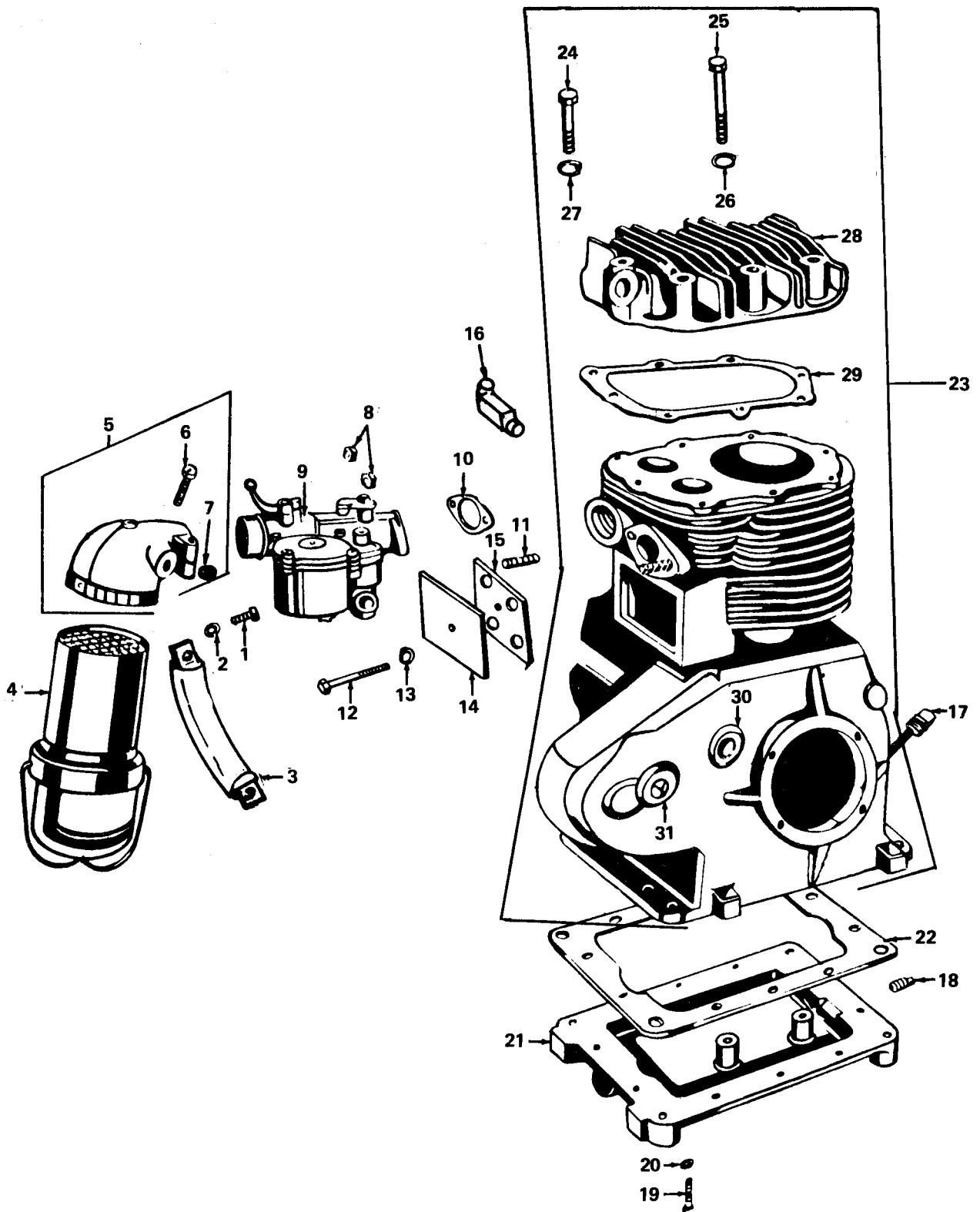
(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

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.



TS 4930-204-23P/1

Figure 1. Cylinder Block, Cylinder Head, Carburetor and Air Cleaner

SECTION II		(2)	(3)	(4)	(5)	(6)	(7)
(1)	ILLUSTRATION		FEDERAL	PART		DESCRIPTION	
FIG	(A) (B) ITEM	SMR	STOCK	NUMBER	FSCM		USABLE ON CODE U/M
NO.	NO.	CODE	NUMBER	NUMBER			
GROUP 01 ENGINE, BASE, HOSE REEL AND PUMP							
ASSEMBLY							
1	1	PAOZZ	5306-00-207-9152	X34	66289	SCREW,CAP,HEXAGON AIR CLEANER BRACKET SUPPORT STRAP	EA
1	2	XBOZZ	5310-00-637-9541	PE3	66289	WASHER,LOCK BRACKET MTG	EA
1	3	XBOZZ	4930-00-407-6467	P3338	66289	BRACKET,ANGLE AIR CLEANER TO BRACKET SUPPORT	EA
1	4	XBOZZ	2940-00-021-0587	N7684	66289	AIRFILTER,INTAKE	EA
1	5	XBOZZ		R1-264B4S1	66289	BRACKET ASSEMBLY AIR CLEANER TO CARBURETOR	EA
1	6	PAOZZ	5305-01-016-7470	XA38	66289	.SCREW,MACHINE	EA
1	7	PAOZZ	5330-00-447-9260	10647	66289	.GASKET AIR CLEANER BRACKET	EA
1	8	XBOZZ		PO9	66289	NUT,PLAIN,HEXAGON CARBURETOR MTG	EA
1	9	PAOZZ	2910-00-358-4516	1193A	79960	CARBURETOR	EA
1	10	KFOZZ		53	66289	GASKET CARBURETOR FLANGE	CEX EA
1	11	XBOZZ		P 36B	66289	STUD,PLAIN CARBURETOR MTG	EA
1	12	XBOZZ	5305-00-173-0133	X011	66289	SCREW,CAP,HEXAGON INSTPECTION PLATE MTG	EA
1	13	PAOZZ	5310-00-285-8538	PH30	66289	WASHER,FLAT INSPECTION PLATE MTG	EA
1	14	XBOZZ	5340-00-376-0416	SA61	66289	PLATE INSPECTION	EA
1	15	KFOZZ		00572	66289	GASKET VALVE INSPECTION PLATE	CEX EA
1	16	XBOZZ	2805-00-790-7778	318	66289	BREATHER CRANKCASE	EA
1	17	XBOZZ	6680-00-740-0071	RJ138A	66289	.PLUG AND GAGE ENGINE OIL LEVEL	EA
1	18	XBOZZ	4730-00-010-3867	X 38	66289	PLUG,PIPE,MAGNETIC ENGINE BASE OIL DRAIN	EA
1	19	XBOZZ		X06	66289	SCREW,CAP,HEXAGON BASE MTG	EA
1	20	XBOZZ	5310-00-637-9541	PE3	66289	WASHER,LOCK BASE MTG	EA
1	21	XBOZZ		83116F9	66289	BASE ENGINE	EA
1	22	KFOZZ		569A	66289	GASKET ENGINE BASE	CEX EA
1	23	XBHZZ		97-1519	66289	CYLINDER ASSEMBLY	EA
1	24	XBOZZ		X019	66289	.SCREW,CAP,HEXAGON CYLINDER HEAD	EA
1	25	XBOZZ		X023	66289	.SCREW,CAP,HEXAGON CYLINDER HEAD	EA
1	26	XBOZZ	5310-00-012-0214	PE4	66289	.WASHER,LOCK CYLINDER HEAD	EA
1	27	XBOZZ		PH209-8	66289	.WASHER,LOCK	EA
1	28	XBHZZ	2805-00-790-7786	A399T-1-S1	66289	.CYLINDER HEAD,GASOL	EA
1	29	KFOZZ		802	66289	.GASKET CYLINDER HEAD	EA
1	30	XBOZZ	5340-00-050-1591	MS35648-4	69606	.PLUG,EXPANSION	EA
1	31	PAOZZ	4730-00-042-6318	X 118	66289	.PLUG,PIPE CRANKCASE TIMING INSPECTION HOLE	EA

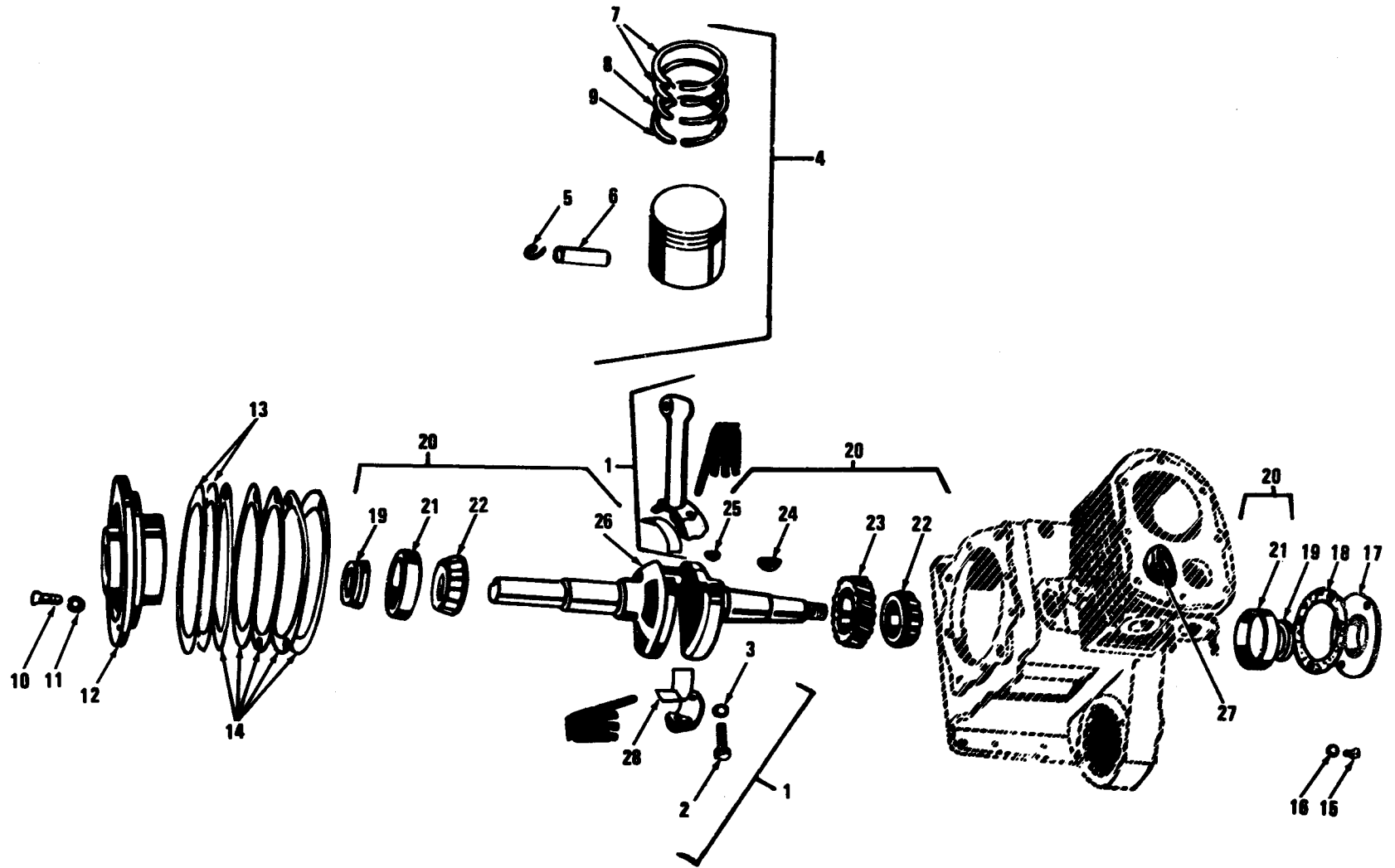
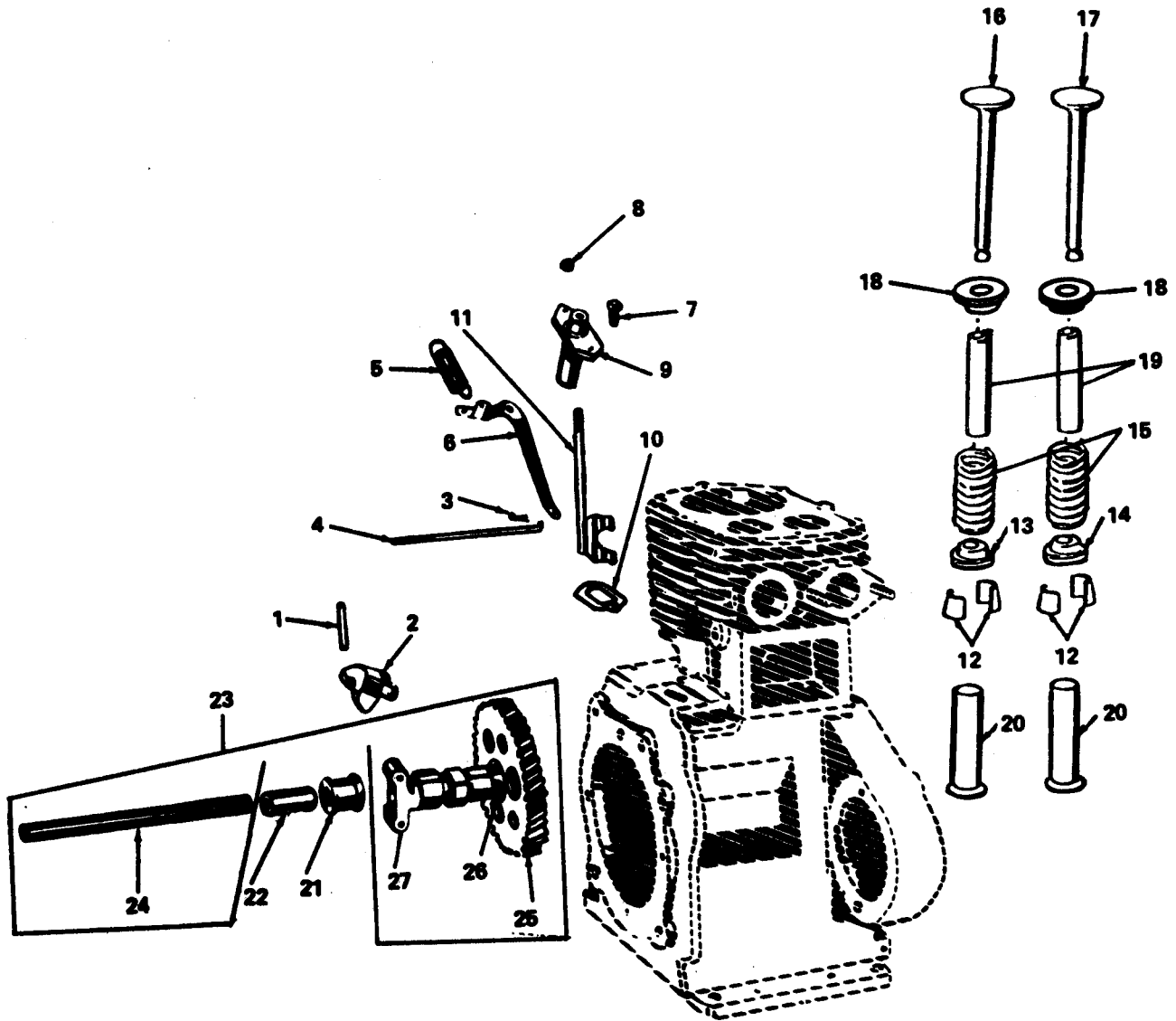


Figure 2. Crankshaft, Bearing, Pistons

SECTION II		(2)	(3)	(4)	(5)	(6)		(7)	(8)
(1)	ILLUSTRATION		FEDERAL	PART	FSCM	DESCRIPTION	USABLE ON CODE	U/M	QTY
(A)	(B)	SMR	STOCK	NUMBER					INC
FIG	ITEM	CODE	NUMBER	NUMBER					IN
NO.	NO.								UNIT
2		PAHZZ	2805-00-672-9509	CA70BSI	66289	CONNECTING ROD		EA	1
2	2	XBHZZ		X019	66289	.SCREW,CAP,HEXAGON		EA	2
2	3	XBHZZ	5310-00-290-3759	P 82	66289	.WASHER,KEY		EA	2
2	4	PAHZZ	2805-00-823-9520	P3186A1SP	66289	PISTON,INTERNAL		EA	1
2	5	XAHZZ		P 69	66289	..RING,RETAINING		EA	2
2	6	XBHZZ		0368	66289	..PIN,PISTON		EA	1
2	7	KFHZZ		05198	66289	..RING,PISTON COMPRESSION,1ST AND 2ND GROOVE		EA	2
2	8	KFHZZ		161-1	66289	..RING PISTON,SCRAPER,3RD GROOVE		EA	1
2	9	XBHZZ		199	66289	..RING,PISTON OIL RING, 4TH GROOVE		EA	1
2	10	PAHZZ	5306-00-236-4875	MS90728-32	96906	SCREW,CAP,HEXAGON MAIN BEARING PLATE MTG		EA	4
2	11	PAHZZ	5310-00-675-6755	412	66289	WASHER,FLAT MAIN BEARING PLATE		EA	4
2	12	XBHZZ	2605-00-301-6336	170S2	66289	BEARING PLATE		EA	1
2	13	XFOZZ		10673A	66289	GASKET MAIN BEARING PLATE	CEX	EA	2
2	14	XFOZZ		00573	66289	GASKET MAIN BEARING PLATE	CEX	EA	5
2	15	PAMZZ	5306-00-207-9152	X04	66289	SCREW,CAP,HEXAGON MAIN BEARING PLATE MTG		EA	4
2	16	XBHZZ		P53	66289	WASHER,LOCK MAIN BEARING PLATE MTG		EA	4
2	17	XBHZZ	2805-00-333-5849	80171S1	66289	PLATE BEARING		EA	1
2	18	XFOZZ		00574	66289	GASKET MAIN BEARING PLATE	CEX	EA	1
2	19	PAHZZ	5330-00-356-0940	PH256	66289	GASKET CORK,MAIN BEARING		EA	2
2	20	XBHZZ		0251-131S1	66289	CRANKSHAFT ASSEMBLY ENGINE		EA	1
2	21	XAHZZ		15243	60038	.CUP,TAPERED ROLLER CRANKSHAFT MAIN		EA	2
2	22	XAHZZ		15118	60038	.CONE,TAPERED ROLLER CRANKSHAFT MAIN		EA	2
2	23	XAHZZ		GA36A	66289	.GEAR HELICAL,CRANKSHAFT		EA	1
2	24	XAHZZ		PL17	66289	.KEY,WOODRUFF		EA	1
2	25	XAHZZ		PL21	66289	.KEY,WOODRUFF		EA	1
2	26	XAHZZ		CA51-13L	66289	.CRANKSHAFT		EA	1
2	27	PAFZZ	2805-00-776-8151	HG201D	66289	SEAT,VALVE EXHAUST		EA	1
2		PAHZZ	2805-00-355-2119	083C	66289	RING SET,PISTON		EA	1
2	28	PAHZZ	3120-01-042-2580	HA138S	66289	BEARING		EA	1

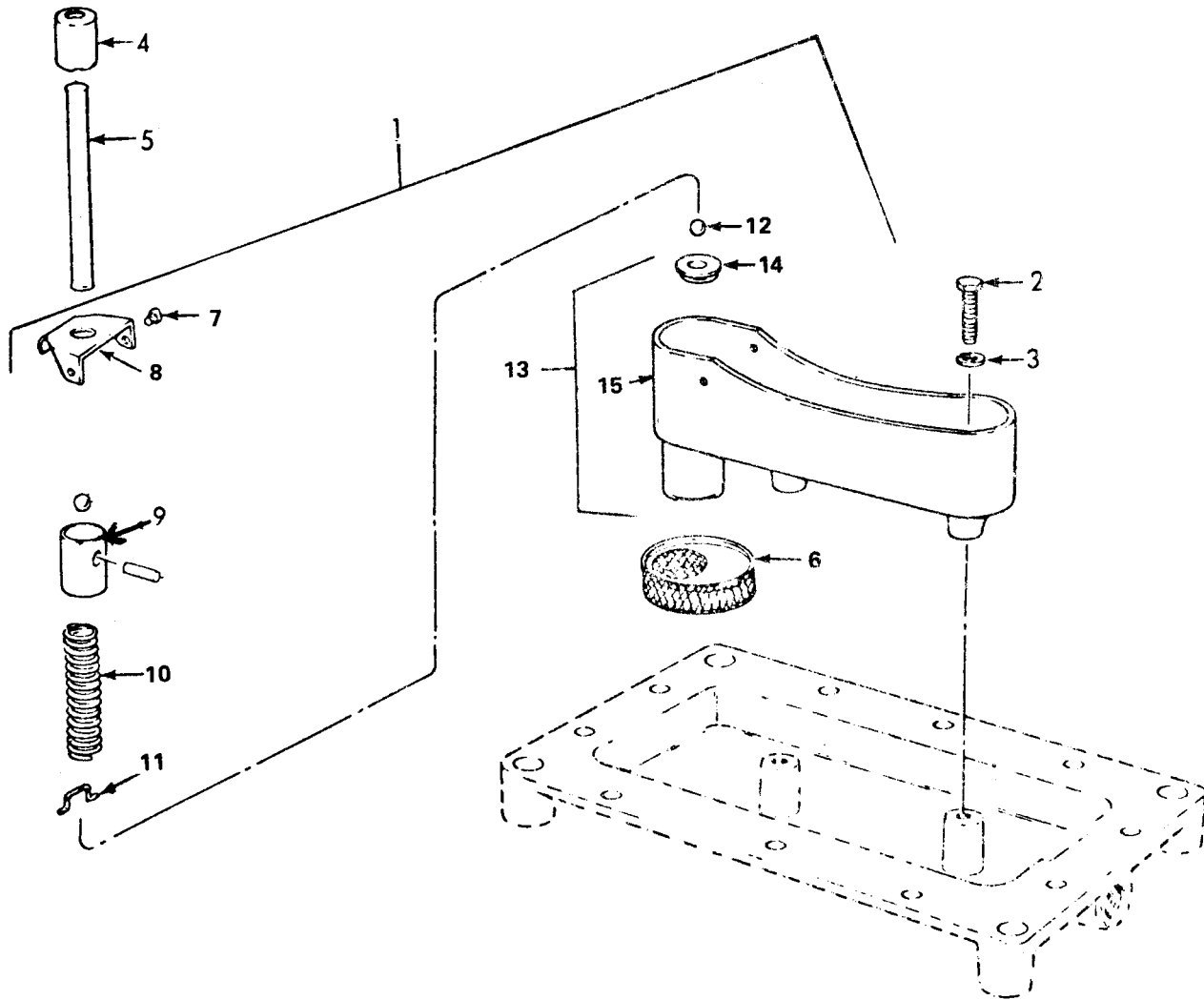


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Figure 3. Camshaft, Valves, Governor

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A) (B)		FEDERAL			DESCRIPTION		QTY
FIG ITEM	SMR	STOCK	PART	FSCM		USABLE ON CODE	INC
NO. NO.	CODE	NUMBER	NUMBER				IN
							UNIT
3	1	XBOZZ	PA340	66289	PIN,SPRING GOVERNOR FLYWEIGHT		EA 2
3	2	XBHZZ	TC322S1	66289	FLYWEIGHT		EA 1
3	3	XBOZZ	X1-32	66289	PIN,COTTER CONTROL ROD		EA 1
3	4	XBOZZ	5306-00-356-0965	VE304	ROD,CONTROL		EA 1
3	5	XBOZZ	5360-00-224-8188	PM74	SPRING		EA 1
3	6	XBOZZ	3040-00-301-6374	TC332	LEVER,GOVERNOR		EA 1
3	7	XBOZZ	XD6	66289	BOLT,MACHINE GOVERNOR SHAFT BRACKET		EA 2
3	8	XBOZZ	PD9	66289	NUT,PLAIN,HEXAGON		EA 1
3	9	XBOZZ	TC325	66289	BRACKET,SUPPORT		EA 1
3	10	KFFZZ	OD571	66289	GASKET GOVERNOR YOKE SHAFT BRACKET	CEX	EA 1
3	11	XBHZZ	2990-00-511-7629	TC324C	YOKE,GOVERNOR		EA 1
3	12	PAFZZ	2805-00-277-2918	AH9	LOCK VALVE SPRING SEAT		EA 2
3	13	XBFZZ	2805-00-301-2940	AG31	ROTOR,ENGINE POPPET		EA 1
3	14	XBFZZ	2805-00-143-6657	AG26	SEAT,HELICAL COMPRE INTAKE VALVE		EA 1
3	15	PAFZZ	2805-00-808-5675	AF43B	SPRING,HELICAL VALVE		EA 2
3	16	PAFZZ	2805-00-448-1050	AE74D	VALVE,POPPET,ENGINE EXHAUST		EA 1
3	17	PAFZZ	2805-00-270-3429	AE74C	VALVE POPPET ENGINE,INTAKE		EA 1
3	18	XBFZZ	2805-00-620-0156	AG34B	SEAT,SPRING VALVE		EA 2
3	19	PAFZZ	2805-00-695-2177	AD41	GUIDE,VALVE STEM STEMINTAKE AND EXHAUST		EA 2
3	29	PAHZZ	2805-00-776-0512	FA42C	TARPET,ENGINE VALVE		EA 2
3	21	XBHZZ	3120-00-661-8942	TC323	BEARING, SLEEVE THRUST,GOVERNOR		EA 1
3	22	XBHZZ	TC321	66289	SPACER GOVERNOR		EA 1
3	23	XBHZZ	2805-00-792-9761	EA101ZS1	CAMSHAFT ASSEMBLY		EA 1
3	24	XAHZZ	PA264	66289	.PIN,STRAIGHT CAMSHAFT SUPPORT		EA 1
3	25	XAHZZ	GB49	66289	.GEAR,HELICAL		EA 1
3	26	XAHZZ	PL21	66289	.KEY CAMSHAFT		EA 1
3	27	XAHZZ	EA101W	66289	.CAMSHAFT,GASOLINE		EA 1

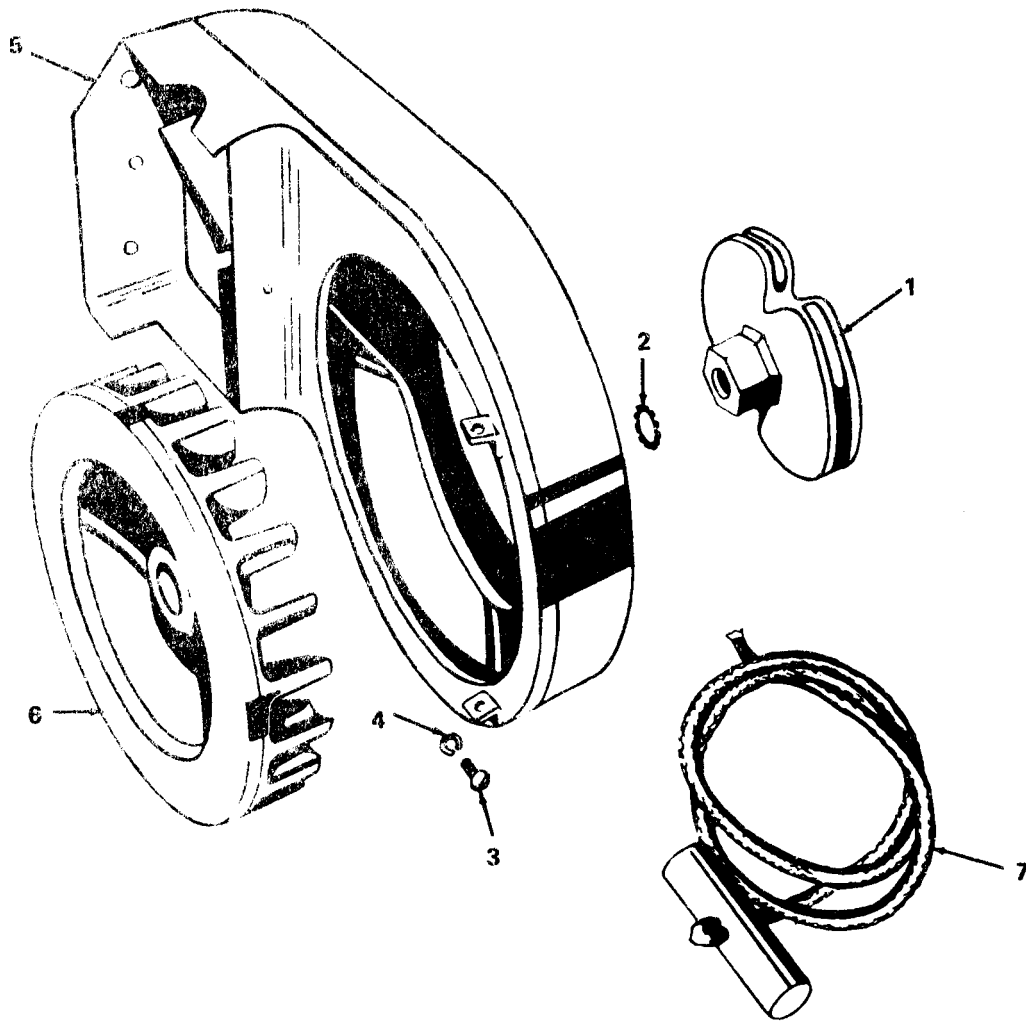


TS 4930-204-23P/4

Figure 4. Oil Pump

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							QTY
(A)	(B)	FEDERAL			DESCRIPTION		INC
FIG	ITEM	SMR	STOCK	PART		USABLE ON CODE	IN
NO.	NO.	CODE	NUMBER	NUMBER	FSCM		UNIT
		XBFZZ	2805-00-376-0418	K98	68289	Pump Assembly, Oil	EA 1
4	2	XBFZZ	5305-00-351-6484	X07	68289	.SCREW, Mounting, STEE	EA 2
4	3	XBFZZ		PE3	68289	.WASHER, LOCK	EA 2
4	4	XAFZZ		KF19A	68289	.CAP, PUSH ROD	EA 1
4	5	XAFZZ		K632	68289	.PIN, STRAIGHT, HEADLE	EA 1
4	6	XBFZZ		R0107A	68289	.STRAINER	EA 1
4	7	XBFZZ		KA84	68289	.SCREW, TAPPING	EA 2
4	8	XAFZZ		SA80	68289	.COVER	EA 1
4	9	XAFZZ		KF14-51	68289	.PLUNGER ASSEMBLY	EA 1
4	10	XAFZZ		P 58E	68289	SPRING, HELICAL, COMP	EA 1
4	11	XAFZZ		PR50A	68289	.RETAINER	EA 1
4	12	XAFZZ		ME38A	68289	.BALL, BEARING	EA 1
4	13	XAFZZ		KA5981S1	68289	.BODY ASSEMBLY	EA 1
4	14	XAFZZ		KF30	68289	.SEAT, VALVE	EA 1
4	15	XAFZZ		KA5981	68289	.BODY	EA 1

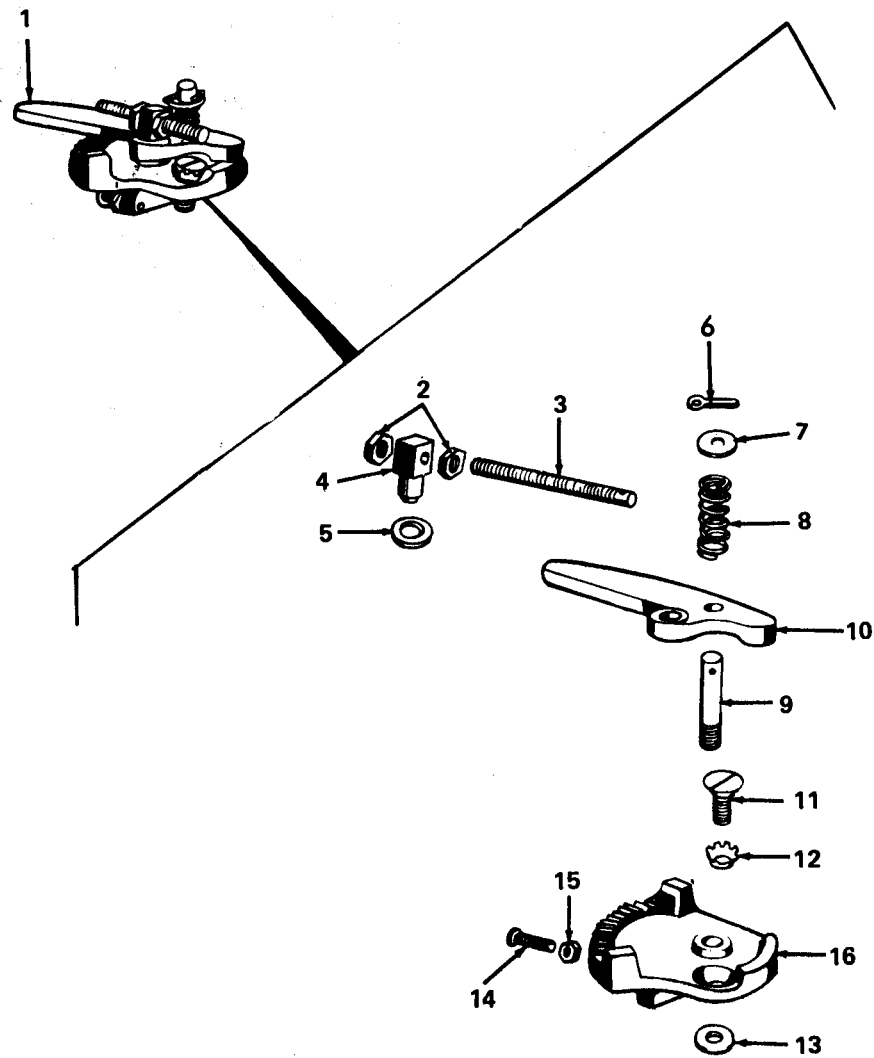


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Figure 5. Air Shroud, Pulley, Rope and Flywheel

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		FEDERAL	PART	FSCM	DESCRIPTION	USABLE ON CODE	QTY
FIG	ITEM	SMR	STOCK	NUMBER			INC
NO.	NO.	CODE	NUMBER	NUMBER			IN
							UNIT
5	1	XBOZZ	2990-00-922-6161	1C1C9	68239	PULLEY, ENGINE	EA 1
5	2	XBOZZ		2367A	68239	WASHER, LOCK	EA 1
5	3	XBOZZ		XA34	68239	SCREW, MACHINE SHROUD MTG	EA 2
5	4	XBOZZ		PB3	68239	WASHER, LOCK	EA 2
5	5	XBOZZ		6B53A1861	68239	SHROUD ASSEMBLY	EA 1
5	6	XBOZZ	2805-00-	NC137	68239	FLYWHEEL	EA 1
5	7	XBOZZ	2990-00-711-6022	2168	68239	STARTER, ROPE, ENGINE	EA 1
5	8	XBOZZ		90251	68239	PLATE, INSTRUCTION	EA 1

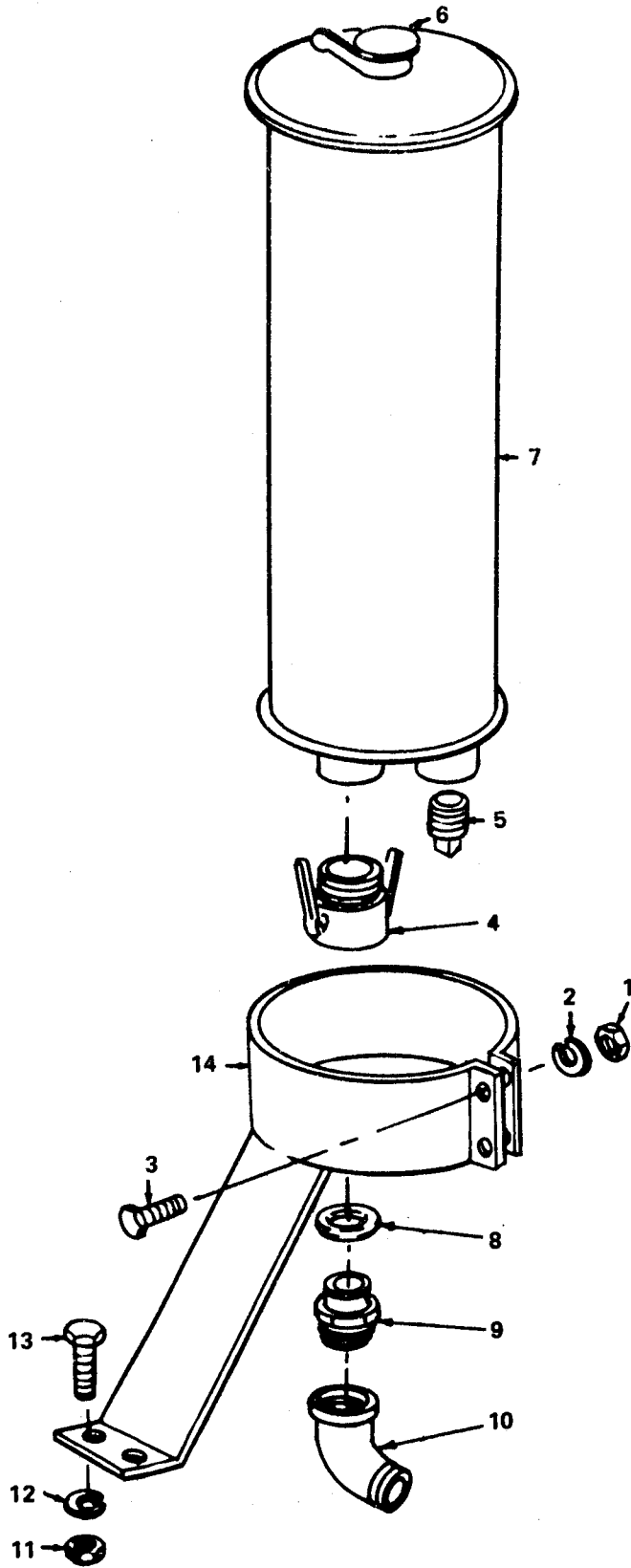


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Figure 6. Speed Control

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		FEDERAL STOCK NUMBER		PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
FIG NO.	ITEM NO.	SMR CODE	STOCK NUMBER	PART NUMBER	FSCM		U/M UNIT
6	1	XBHZZ	2990-00-383-9339	VE363A	66289	CONTROL ASSEMBLY	EA 1
6	2	PAHZZ	5310-00-637-1058	PD115	66289	.NUT,PLAIN,HEXAGON	EA 2
6	3	XBHZZ	5315-00-27-7846	P1-121	66289	.PIN,STRAIGHT SPEED CONTROL SPRING	EA 1
6	4	XBHZZ		TC301-3	66289	.BLOCK,ADJUSTING	EA 1
6	5	XBHZZ		PH253	66289	.WASHER,FLAT BLOCK	EA 1
6	6	XBHZZ		X1-1	66289	.PIN,CUTTER	EA 1
6	7	XBHZZ		PH84	66289	.WASHER,FLAT	EA 1
6	8	XBHZZ	5360-00-256-7147	PH117	66289	.SPRING,HELICAL SPEED CONTROL LEVER	EA 1
6	9	PAHZZ	5315-00-265-9197	PC393-2	66289	.PIN,STRAIGHT SPEED CONTROL LEVER	EA 1
6	10	XBHZZ		VB112	66289	.LEVER	EA 1
6	11	XBHZZ		XC14	66289	.SCREW,MACHINE FLAT HEAD	EA 1
6	12	PAHZZ	5310-00-194-9211	MS35336-27	96906	.WASHER.LOCK	EA 1
6	13	XBOZZ	5310-00-841-2729	QD695	66289	.WASHER,NONMETALLIC	EA 1
6	14	PAHZZ	5305-00-008-7935	XA6	66289	.SCREW,MACHINE	EA 1
6	15	PAHZZ	5310-00-489-6053	PD153	66289	.NUT,PLAIN,HEXAGON	EA 1
6	16	XBOZZ		VC22C	66289	.BRACKET	EA 1

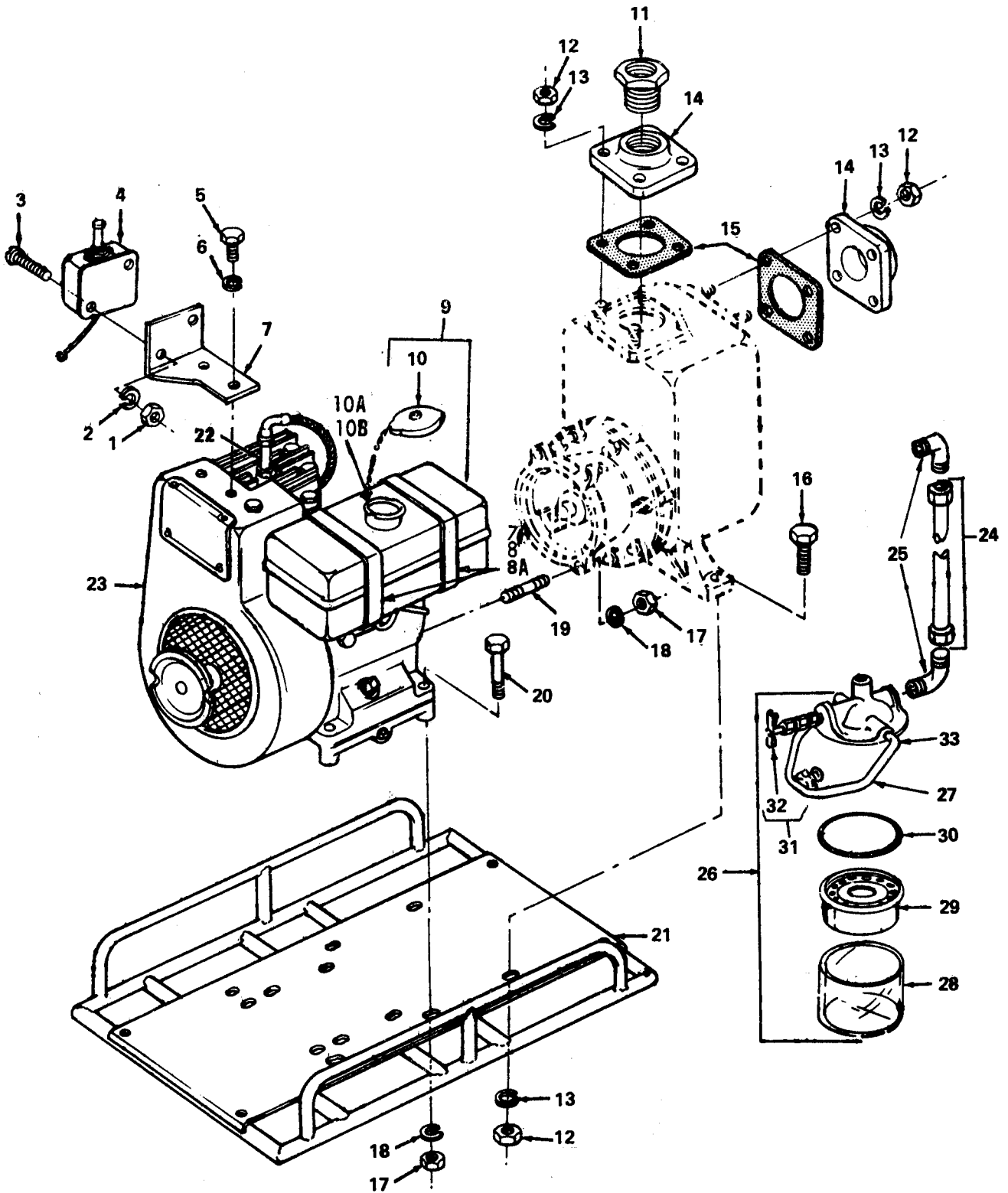


TS 4930-204-23P/7

Figure 7. Muffler and Attaching Parts

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		DESCRIPTION				USABLE ON CODE	U/M UNIT
(A)	(B)	FEDERAL	PART				QTY
FIG	ITEM	STOCK	NUMBER	FSCM			INC
NO.	NO.	NUMBER	NUMBER				IN
7	1	PAOZZ	5310-00-905-0762	MS51967-3	96906	NUT,PLAIN,HEXAGON BRACKET TO MUFFLER	EA 2
7	2	PAOZZ	5310-00-209-0786	MS35335-33	96906	WASHER,LOCK BRACKET TO MUFFLER	EA 2
7	3	PAOZZ	5305-00-225-3839	MS90725-8	96906	SCREW,CAP,HEXAGON BRACKET TO MUFFLER	EA 2
7	4	PAOZZ	4940-00-360-0710	MS27026-5	96906	COUPLER FEMALE	EA 1
7	5	XBOZZ		WWP471	81340	PLUG,PIPE MUFFLER DRAIN	EA 1
7	6	XBOZZ	2990-00-930-5459	1		CAP ASSEMBLY,PROTEC	EA 1
7	7	XBOZZ	2990-00-389-6412	T1802	7	MUFFLER,EXHAUST	EA 1
7	8	PAOZZ	5330-00-949-5426	16418SA		GASKET SET COPPER,ASBESTOR	EA 1
7	9	PAOZZ	4730-00-935-5395	MS27022-6		COUPLING HALF,QUICK MALE	EA 1
7	10	XBOZZ	4730-00-246-9219	WWP 21TYPE1	81348	ELBOW,PIPE STREET,MUFFLER	EA 1
7	11	PAOZZ	5310-00-905-0762	MS51967-3	96906	NUT,PLAIN,HEXAGON BRACKET TO FRAME	EA 2
7	12	PAOZZ	5310-00-627-6128	MS35335-35		WASHER,LOCK BRACKET TO FRAME	EA 2
7	13	PAOZZ	5305-00-225-3839	MS90725-8	96906	SCREW,CAP,HEXAGON BRACKET TO FRAME	EA 2
7	14	XBOZZ		175-20	01400	BRACKET,SUPPORT MUFFLER TO FRAME	EA 1

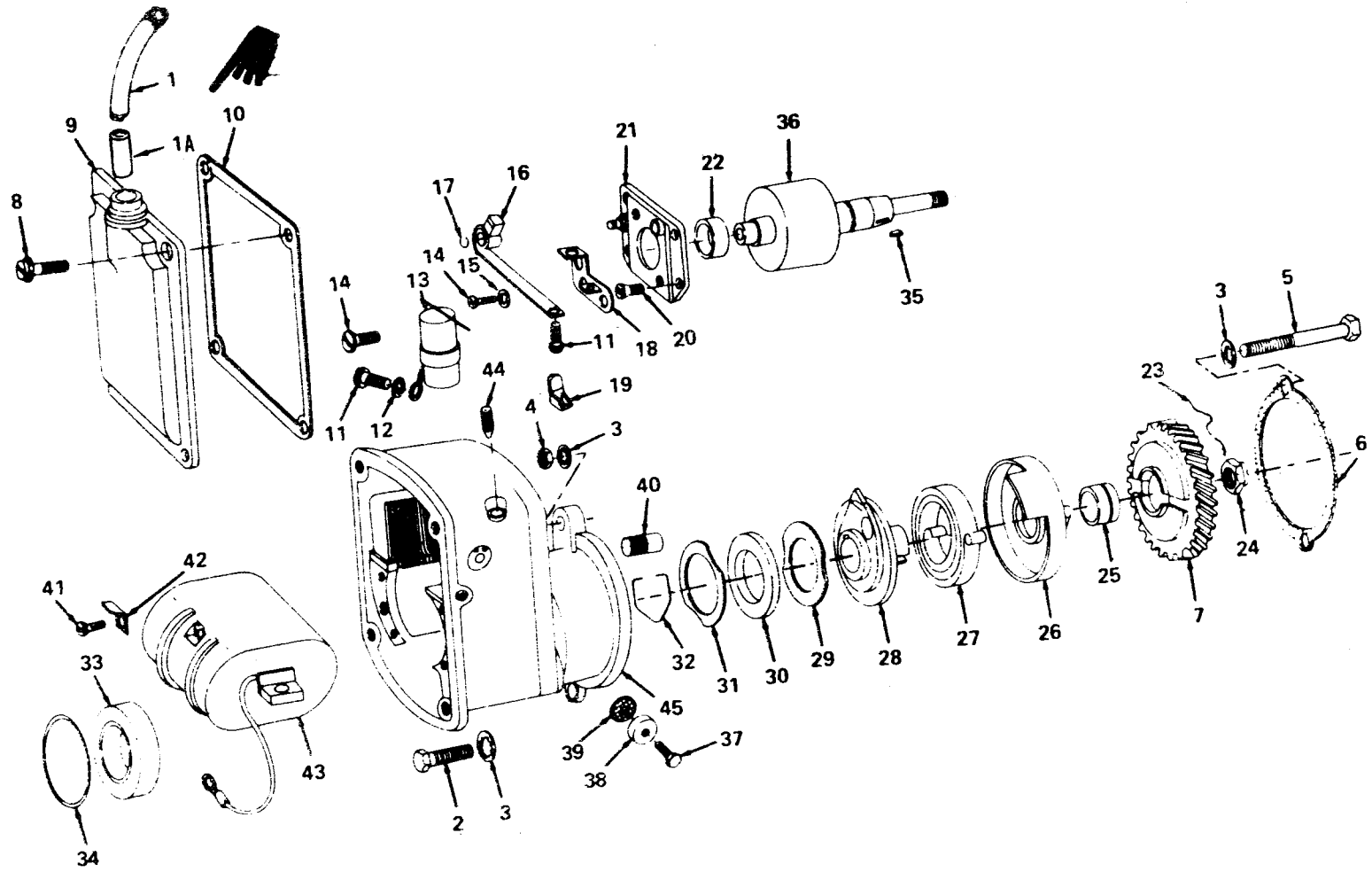


TS 4930-204-23P/8

Figure 8. Pump and Engine

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							QTY
(A)	(B)	FEDERAL			DESCRIPTION		INC
FIG	ITEM	SMR	STOCK	PART		USABLE ON CODE	IN
NO.	NO.	CODE	NUMBER	NUMBER	FSCM		U/M
							UNIT
8	1	PAOZZ	5310-00-934-9758	MS35649-202	96906	NUT,PLAIN,HEXAGON SWITCH BOX TO BRACKET SCREW	EA 2
8	2	XBOZZ		MS122052	96906	WASHER,LOCK SWITCH BOX TO BRACKET SCREW	EA 2
8	3	PAOZZ	5305-00-984-6217	MS352C6-27C	96906	SCREW,MACHINE SWITCH BOX TO BRACKET MTG	EA 2
8	4	XBOZZ	2920-00-883-1101	Y089BC	66289	SWITCH,PUSH-PULL MAGNETO GROUND WIRE AND SWITCH ASSY	EA 1
8	5	XBOZZ	5306-00-207-9158	XD25	66289	BOLT,MAHCINE BRACKET MTG	EA 2
8	6	XBOZZ		PE5	66289	WASHER,LOCK BRACKET MTG	EA 2
8	7	XBOZZ	5340-00-225-2955	115-156	01400	BRACKET SWITCH BOX MTG	EA 1
8	7A	XBOZZ		PD77	66289	NUT,PLAIN,HEXAGON TANK MTG	EA 2
8	8	XBOZZ		PG733	66289	STRAP FUEL TANK MTG	EA 2
8	8A	XBOZZ		XA52	66289	SCREW,MACHINE TANK MTG	EA 2
8	9	XBOZZ	2910-00-987-7764	WE343ES1	66289	TANK,FUEL,ENGINE	EA 1
8	10	PAOZZ	2910-00-846-0943	RC118	66289	.CAP,FUEL TANK	EA 1
8	10A	XBOZZ	5340-00-974-9537	PK127A	66289	RING,RETAINING FUEL TANK STRAINER SCREEN	EA 1
8	10B	XBOZZ	4730-00-812-4303	RD127C	66289	STRAINER ELEMENT FUEL TANK	EA 1
8		XBOZZ		PE4	66289	WASHER,LOCK TANK TO CYLINDER HEAD MTG	EA 1
8		XBOZZ	4730-00-740-3354	RM1280A	66289	STANDPIPE FUEL TANK	EA 1
8	11	XBOZZ		960957	47301	BUSHING,PIPE DISCHARGE FLANGE	EA 1
8	12	PAOZZ	5310-00-732-0558	MS51967-8	96906	NUT,PLAIN,HEXAGON PIPE FLANGE AND PUMP MTG	EA 10
8	13	PAOZZ	5310-00-627-6128	MS35338-46	96906	WASHER,LUCK FLANGE MTG AND PUMP MTG	EA 10
8	14	XBOZZ	4730-00-896-9056	115-101	01400	FLANGE,PIPE INLET AND DISCHARGE	EA 2
8	15	PAOZZ	5330-00-735-4439	115-116	01400	GASKET FLANGE	EA 2
8	16	PAOZZ	5305-00-269-3216	MS90725-66	96906	SCREW,CAP,HEXAGON PUMP MTG	EA 2
8	17	PAOZZ	5310-00-732-0558	MS51967-8	96906	NUT,PLAIN,HEXAGON ENGINE MTG	EA 4
8	18	PAOZZ	5310-00-627-6128	MS35338-46	98906	WASHER,LOCK ENGINE MTG AND ENGINE TO COUPLING MTG	EA 8
8	19	PAOZZ	5307-00-985-4918	C10873-1132B	11349	STUD,PLAIN ENGINE TO COUPLING	EA 4
8	20	PAOZZ	5305-00-782-9489	MS90728-66	96906	BOLT,MACHINE ENGINE MTG	EA 4
8	21	XBOZZ		115-228	01400	MOUNTING ASSEMBLY ENGINE AND PUMP	EA 1
8	22	PAOZZ	2920-00-293-5212	XED16	11383	SPARK PLUG	EA 1
8	23	PAOZF	2805-00-722-3922	MBKND182918	6624	ENGINE,GASOLINE	EA 1
8	24	PAOZZ	4710-00-447-9287	RP902	68289	TUBE ASSEMBLY,METAL FUEL FILTER TO CARBURETOR	EA 1
8	25	PAOZZ	4730-00-741-0349	RF1225	66289	ELBOW,PIPE TO TUBE TANK AND CARBURETOR FITTINGS	EA 2
8	26	PAOZZ	2910-00-099-5639	0W480T	98152	STRAINER ASSEMBLY	EA 1
8	27	XBOZZ	2910-00-358-4316	07766	73480	.BAIL AND NUT	EA 1
8	28	PAOZZ	2910-00-358-4317	07759	98152	.BOWL,SEDIMENT GLASS	EA 1
8	29	PAOZZ	2910-00-358-5327	07762	96152	.STRAINER ELEMENT	EA 1
8	30	PAOZZ	5330-00-282-7557	08227	96152	.GASKET BOWL	EA 1
8	31	XBOZZ	2910-00-368-6657	07769	78480	.STEM,NEEDLE VALVE FILTER,SHUT-OFF	EA 1
8	32	XBOZZ	5330-00-282-7597	0705	78480	..WASHER,NONMETALLIC FUEL FILTER,SHUT-OFF VALVE	EA 1
8	33	XAOZZ		07770	78480	.COVER,FUEL STRAINER	EA 1



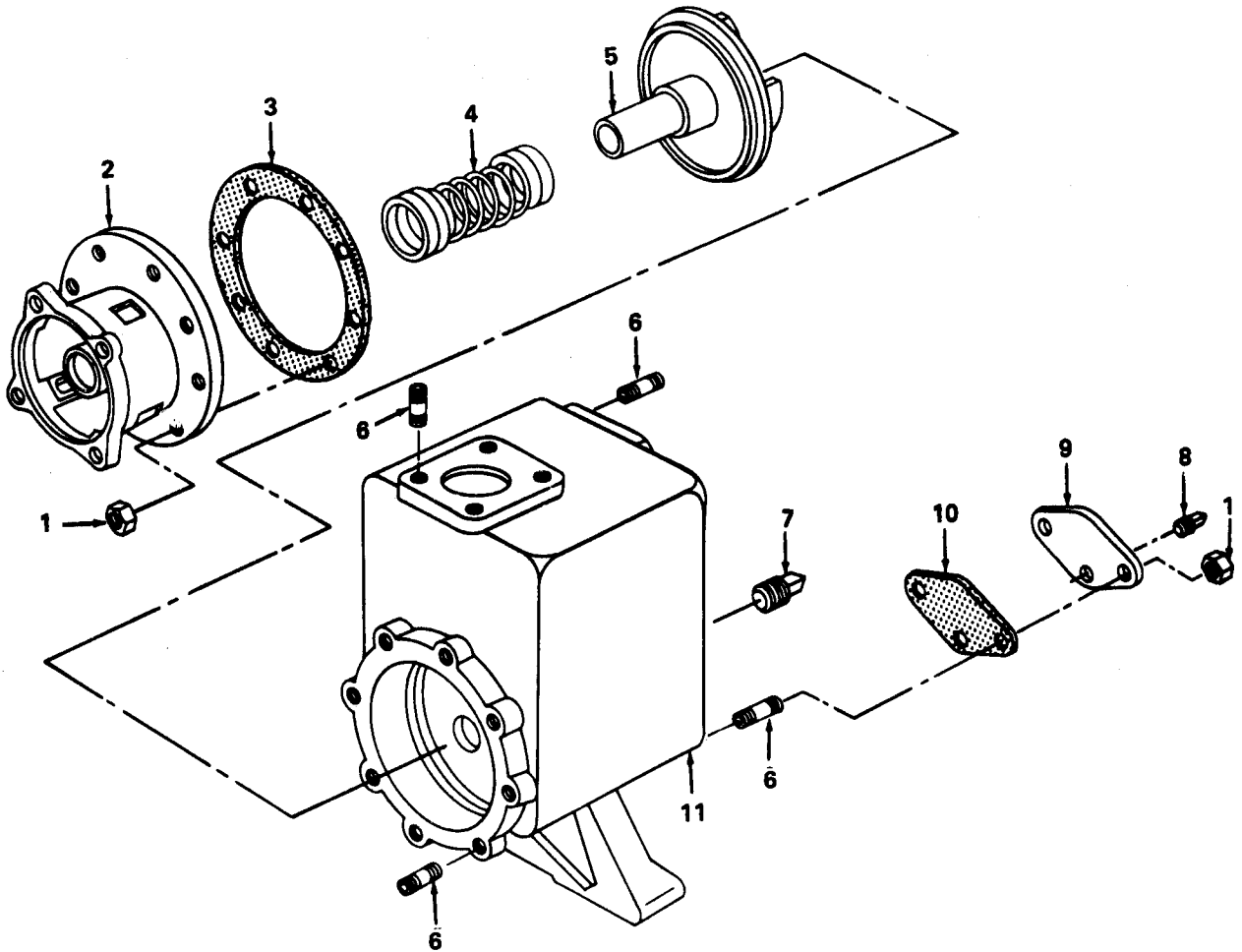
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Figure 9. Magneto

(1) ILLUSTRATION (A) FIG NO.	(2) ITEM (B) NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM	DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN UNIT
9	1	PAOZZ	2920-00-620-0291	YD259	66289	CABLE ASSEMBLY, SPARK PLUG	EA	1
9	1A	PAOZZ	2920-00-939-9834	AX2474	82796	OUTLET	EA	1
9	2	PAOZZ	5306-00-206-1071	XD17	66289	BOLT, MACHINE MAGNETO MTG, LOWER HOLE	EA	1
9	3	PAOZZ	5310-00-928-9824	PE52A	66289	WASHER, LOCK MAGNETO DRIVE MTG	EA	3
9	4	XBOZZ		PD10	66289	NUT, PLAIN, HEXAGON MAGNETO DRIVE MTG	EA	1
9	5	XBOZZ		PB164	66289	BOLT, MACHINE MAGNETO MTG, UPPER HOLE	EA	1
9	6	KFOZZ		QD570A	66289	GASKET MAGNETO	CEX	EA
9	7	XBOZZ	3020-00-672-9510	GD87C	66289	GEAR, MAGNETO DRIVE	EA	1
9		PAOZF	2920-00-790-8746	FMPE187	82796	MAGNETO, IGNITION	EA	1
9	8	PAOZZ	5305-00-281-6387	10S10D	82796	.SCREW, CAP	EA	4
9	9	XAOZZ		J2430A	82796	.COVER, END	EA	1
9	10	PAOZZ	5330-00-217-3489	N2498	82796	.GASKET END CAP TO HOUSING	EA	1
9	11	PAOZZ	5305-00-042-0461	8S4U	82796	.SCREW, MACHINE CAPACITOR MTG	EA	1
9	12	XBOZZ		A2492D	82796	.WASHER, FLAT GROUND SWITCH	EA	1
9	13	XBOZZ		SXY2433	21387	.CAPACITOR, FIXED	EA	1
9	14	XBOZZ		6S6U	82796	.SCREW, MACHINE BREAKER ARM TERMINAL AND CONTACT SUPPORT	EA	1
9	15	PAOZZ	5310-00-221-3153	85969	82796	.WASHER, LOCK CONTACT	EA	1
9	16	XBOZZ	2920-00-786-5626	Q2437AX	82796	.CONTACT SET, DISTRIB	EA	1
9	17	XAOZZ		V1498	82796	.RING, RETAINING FULCRUM PIN	EA	1
9	18	XAOZZ		G2788	82796	.CAM WICK AND HOLDER	EA	1
9	19	XAOZZ		L2788	82796	.WICK BREAKER ARM	EA	1
9	20	XBOZZ		8S6G	82796	.SCREW, MACHINE BEARING SUPPORT	EA	4
9	21	XAOZZ		BY4631	82796	.SUPPORT BEARING	EA	1
9	22	XAOZZ		A5950A	82796	.BEARING, SLEEVE ROTOR, CAM END	EA	1
9	23	XAOZZ		C5963	66289	.WIRE, LOCK IMPULSE COUPLING NUT	EA	1
9	24	XAOZZ		M2570	21387	.NUT, CASTELLATED IMPULSE COUPLING	EA	1
9	25	XAOZZ		A2572	82796	.BEARING, SLEEVE IMPULSE COUPLING	EA	1
9	26	XAOZZ		SZ2563	82796	.HUB ASSEMBLY COUPLING	EA	1
9	27	XAOZZ		D2565	82796	.SPRING, SPIRAL IMPULSE COUPLING DRIVE	EA	1
9	28	XAOZZ		LV2563C	82796	.COUPLING ASSEMBLY	EA	1
9	29	PAOZZ	5310-00-285-1591	A2492A	82796	.WASHER, FLAT ROTOR DRIVE END SEAL	EA	1
9	30	XAOZZ		G3861	82796	.SEAL, PLAIN ROTOR DRIVE END	EA	1
9	31	PAOZZ	5310-00-205-7981	A2492C	82796	.WASHER, FLAT ROTOR DRIVE END SEAL	EA	2
9	32	XAOZZ		B1498D	82796	.RING, RETAINING ROTOR DRIVE END SHAFT	EA	1
9	33	XAOZZ		C5949	21387	.BEARING, BALL ROTOR DRIVE END	EA	1
9	34	XAOZZ		81498D	21387	.CLIP, RETAINING ROTOR DRIVE END BEARING	EA	1
9	35	XAOZZ		3K1	82796	.KEY, WOODRUFF ROTOR SHAFT TO IMPULSE COUPLING	EA	1
9	36	XAOZZ		US2480	82796	.ROTOR MAGNETIC	EA	1
9	37	PAOZZ	5305-00-498-6805	6S4L	82796	.SCREW, MACHINE VENT COVER	EA	2
9	38	XAOZZ		86030A	21387	.COVER, VENT MAGNETIC COIL	EA	2
9	39	XAOZZ		C6032B	82796	.STRAINER ELEMENT, SE	EA	2

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN U/M UNIT
9	40	XAOZZ		S2568	82796 .SETSCREW		EA 1
9	41	XBOZZ		653W	82796 .SCREW, ASSEMBLED COIL CLIP		EA 1
9	42	XAOZZ		C6120	82796 .CLIP, ROLL		EA 1
9	43	XBOZZ	2920-00-349-3887	T2477C	82796 .COIL, MAGNETO		EA 1
9	44	XAOZZ		31SS12B	82796 .SETSCREW HOUSING		EA 2
9	45	XAOZZ		RX2425	82796 .HOUSING, MAGNETO		EA 1
9		XBOZZ		SD108	88289 .PLATE, INSTRUCTION SWITCH ASSY		EA 1
9		PAOZZ		Q2B	88289 GASKET SET, ENGINE OVERHAUL		EA 1

PAGES 25 THROUGH 30 HAVE BEEN DELETED.



TS 4930-204-23P/12

Figure 12. Pump

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	
ILLUSTRATION						
(A)	(B)	FEDERAL			DESCRIPTION	
FIG	ITEM	SMR	STOCK	PART		
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE
12		XBOZZ		U26A	00299	PUMP,CENTRIFUGAL W/O ENGINE <COMPONENTS SAME AS PUMP CENTRIFUGAL,PN 117-54> CEW
12		XBOZZ	4320-00-735-4406	117-54	01900	PUMP,CENTRIFUGAL W/O ENGINE CES,CET,CEU,CEV,CEX
12	1	PAOZZ	5310-00-732-0558	MS51967-8	96906	.NUT,PLAIN,HEXAGON PUMP TO COUPLING AND CLEAN-OUT COVER MTG
12	2	XBOZZ	4930-00-224-7517	C533A	00299	.COUPLER,HOUSING PUMP TO ENGINE <0/0 PUMPCENTRIFUGAL,PN 026A ONLY> CEW
12	2	XBOZZ		115-86	01400	.COUPLER,HOUSING PUMP TO ENGINE <0/0 PUMPCENTRIFUGAL,PN 117-54 ONLY> CES,CET,CEU,CEV,CEX
12	3	XBFZZ	5330-00-735-4404	01053-1	00299	.GASKET PUMP TO COUPLER
12	4	PAOZZ	4930-00-735-4403	CFSP13295	71724	.SEAL ASSEMBLY,SHAFT
12	5	XBOZZ	4320-00-232-5428	C522	00299	.IMPELLER,PUMP CEW
12	5	XBOZZ	4930-00-735-4402	115-85	01400	.IMPELLER,PUMP CES,CET,CEU,CEW,CEX
12	6	PAOZZ	5307-00-360-0579	115-91	01400	.STUD,PLAIN PUMP TO COUPLER FLANGE AND CLEAN-OUT COVER
12	7	PAOZZ	4730-00-011-3178	113178	24617	.PLUG,PIPE DRAIN
12	8	XBOZZ		L219105-2	06840	.PLUG,PIPE CLEAN-OUT COVER
12	9	XBOZZ		115-94	01400	.COVER,ACCESS
12	10	PAOZZ	5330-00-735-4405	115-100	01400	.GASKET CLEAN-OUT COVER
12	11	XBOZZ		C531	00299	.CASE,PUMP CEW
12	11	XBOZZ		115-59	01400	.CASE,PUMP CES,CET,CEW,CEV,CEX

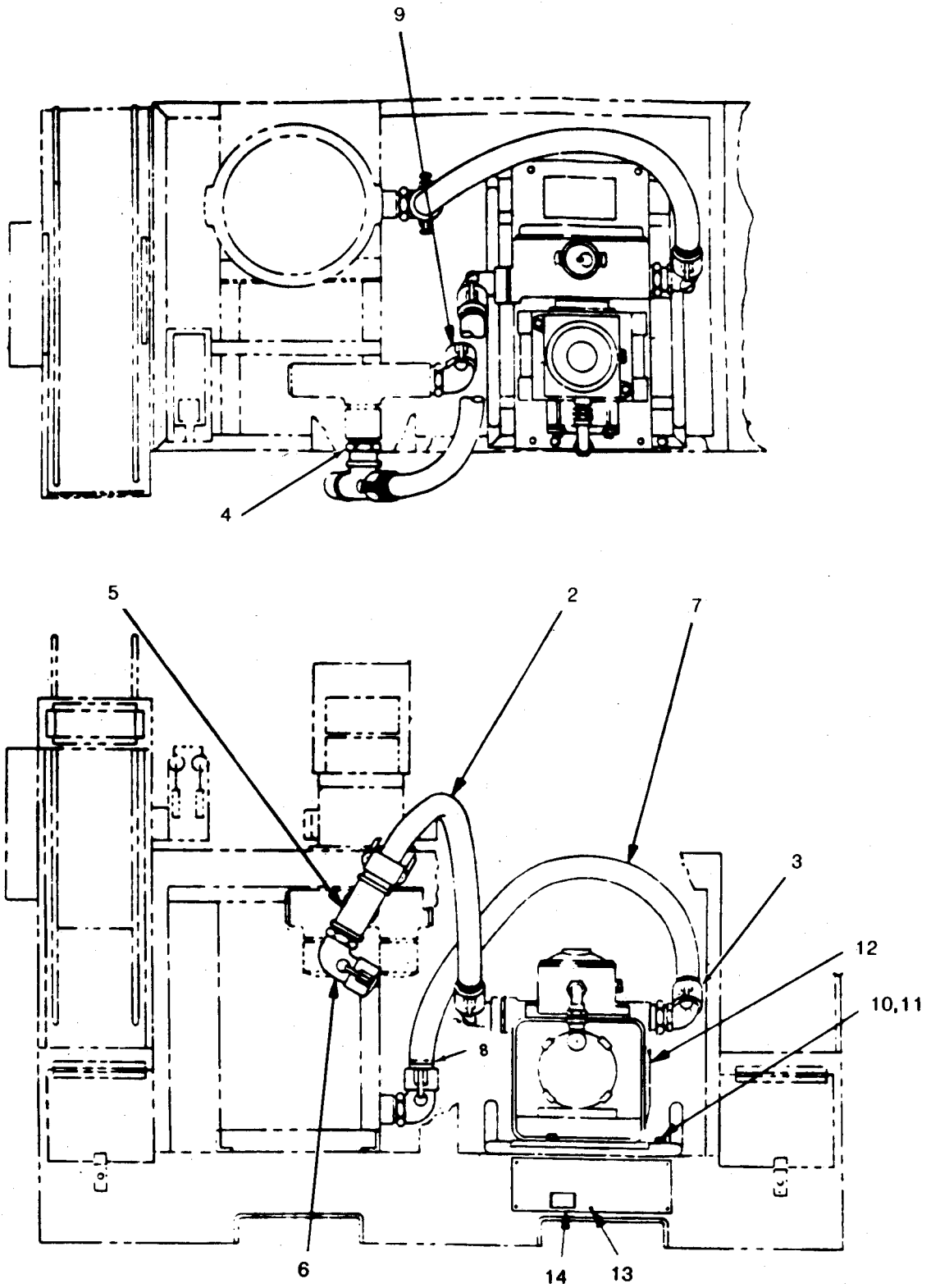


Figure 12A Pump Assembly Kit (Electric Motor Driven).

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
12B	1	PAOOO	6150-01-191-9732	13217E2964	97403	...CABLE ASSY	EA	1
12B	2	PAOZZ	5935-01-241-9740	MS345W16S-4P	96906	...CONNECTOR PLUG, ELEC	EA	1
12B	3	XAOZZ		J-C-30THW03CK211A	81348	...CABLE, ELEC	EA	1
12B	4	PAOOO	6150-01-022-6004	11682336-1	19207	...CABLE ASEMBLY	EA	1
12B	5	PAOOO		11682338	19207	...CONNECTOR	EA	2
12B	6	PAOZZ	5305-00-958-0666	MS35226-50	96906	....SCREW, MACHINE	EA	12
12B	7	XDOZZ		11682344	19207	....COVER	EA	2
12B	8	PAOZZ	5305-00-269-3234	MS90727-58	96906	....SCREW, CAP, HEXAGON	EA	4
12B	9	PAOZZ		MS35338-46	96906	....WASHER, LOCK	EA	4
12B	10	PAOZZ		11682337-1	19207	...CABLE, WIRE	EA	1
12B	11	PBOZZ		11677570	19207	...ADAPTER, CONNECTOR	EA	1
12B	12	XDOZZ		13217E7166	97403	...ELBOW, 90 DEGREE	EA	1
12B	13	PAOZZ	5310-00-732-0558	MS51967-8	96906	...NUT, PLAIN, HEXAGON	EA	6
12B	14	PAOZZ		MS35338-46	96906	...WASHER, LOCK SPRING	EA	6
12B	15	PAOZZ	5310-00-080-6004	MS27183-14	96906	...WASHER, FLAT	EA	6
12B	16	PAOZZ	5305-00-821-3869	MS90728-65	96906	...SCREW, CAP, HEXAGON	EA	2
12B	17	XDOOO		13227E6652	97403	...JUNCTION BOX	EA	1
12B	18	XDOZZ		13217E7165-1	97403	...FITTING UNION	EA	2

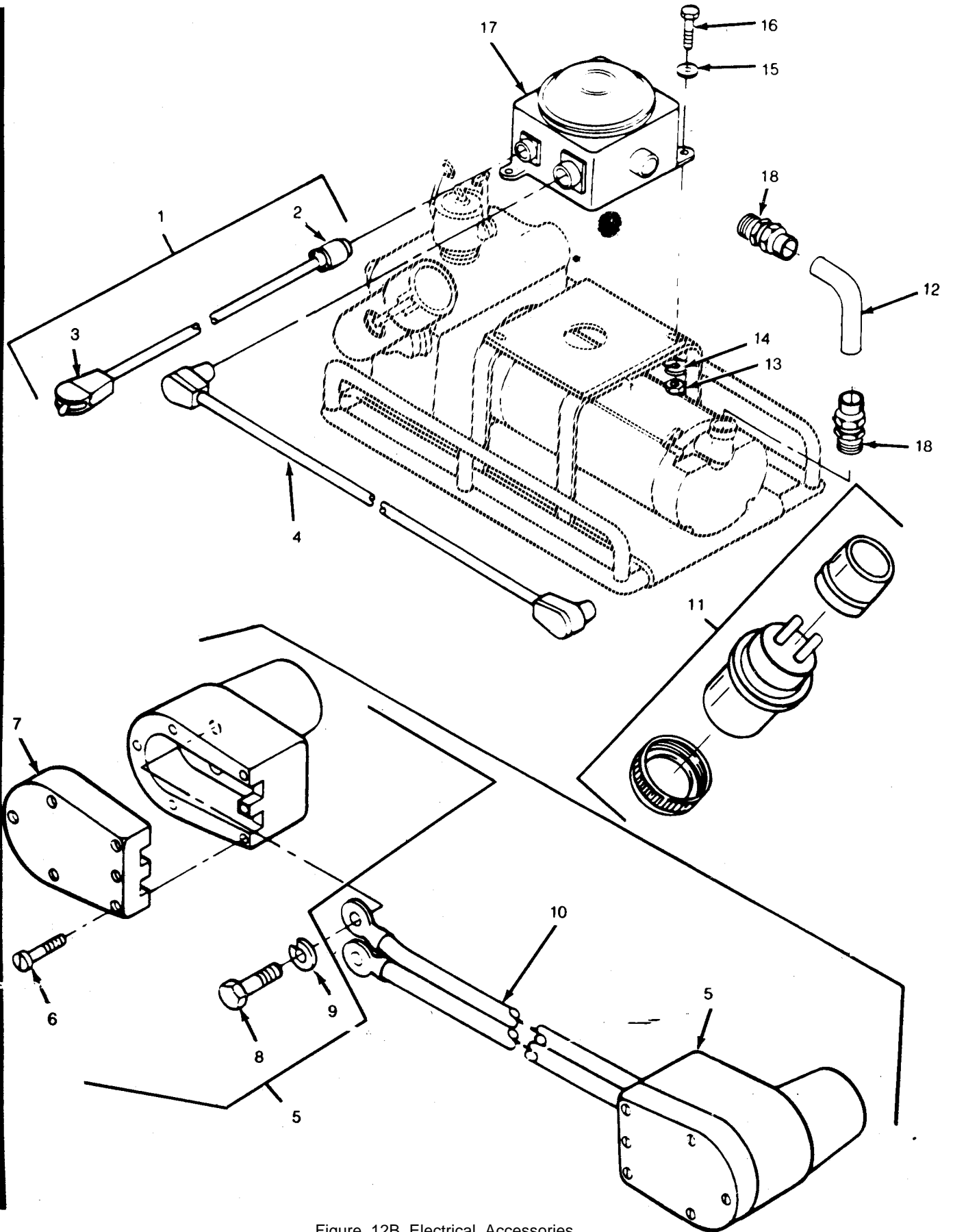


Figure 12B Electrical Accessories.

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
12B	1	PAOOO	6150-01-191-9732	13217E2964	97403		EA	1
12B	2	PAOZZ	5935-01-241-9740	MS345W16S-4P	96906		EA	1
12B	3	XAOZZ		J-C-30THW03CK211A	81348		EA	1
12B	4	PAOOO	6150-01-022-6004	11682336-1	19207		EA	1
12B	5	PAOOO		11682338	19207		EA	2
12B	6	PAOZZ	5305-00-958-0666	MS35226-50	96906		EA	12
12B	7	XDOZZ		11682344	19207		EA	2
12B	8	PAOZZ	5305-00-269-3234	MS90727-58	96906		EA	4
12B	9	PAOZZ		MS35338-46	96906		EA	4
12B	10	PAOZZ		11682337-1	19207		EA	1
12B	11	PBOZZ		11677570	19207		EA	1
12B	12	XDOZZ		13217E7166	97403		EA	1
12B	13	PAOZZ	5310-00-732-0558	MS51967-8	96906		EA	6
12B	14	PAOZZ		MS35338-46	96906		EA	6
12B	15	PAOZZ	5310-00-080-6004	MS27183-14	96906		EA	6
12B	16	PAOZZ	5305-00-821-3869	MS90728-65	96906		EA	2
12B	17	XDOOO		13227E6652	97403		EA	1
12B	18	XDOZZ		13217E7165-1	97403		EA	2

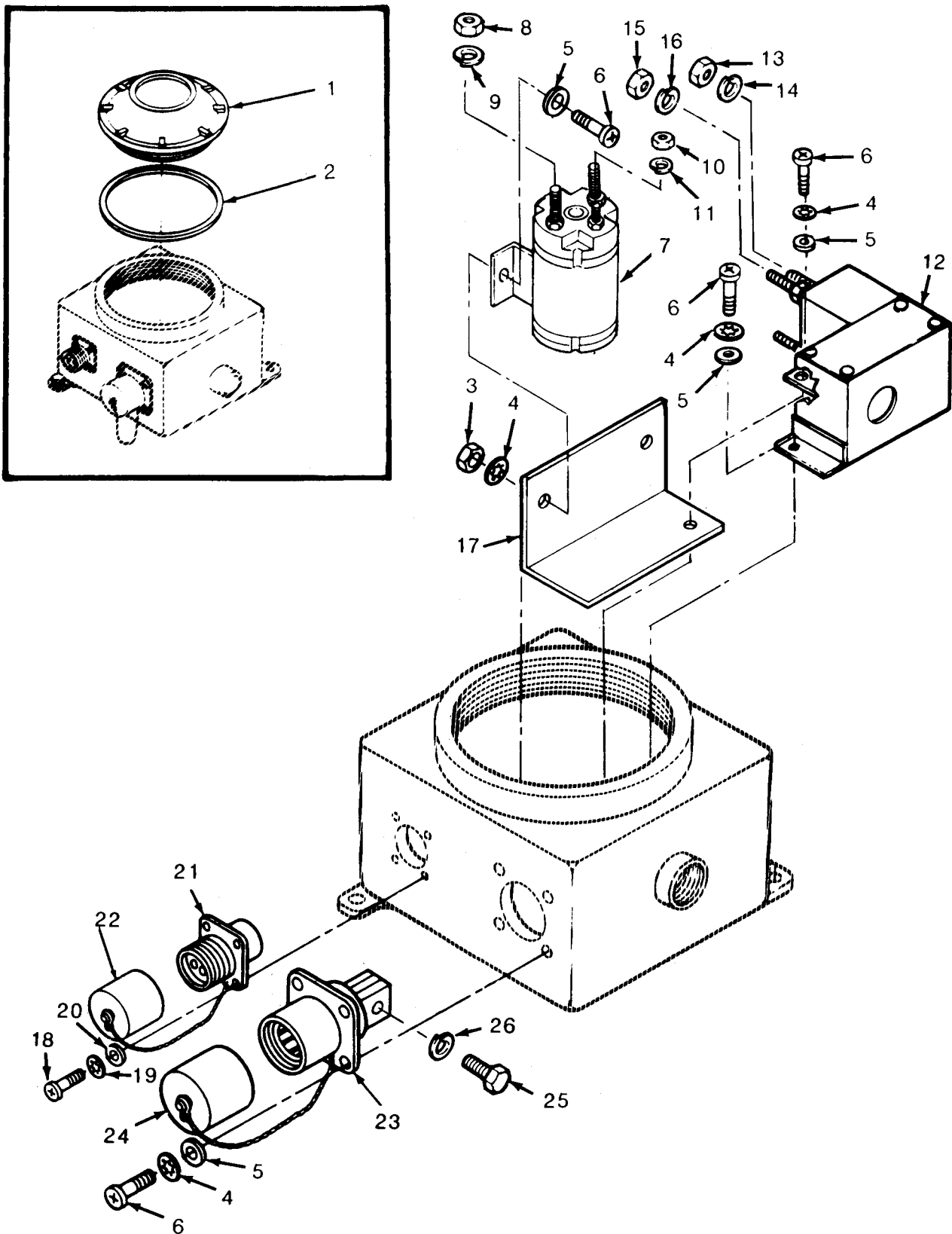


Figure 12C Junction Box Assembly (Sheet 1 of 2).

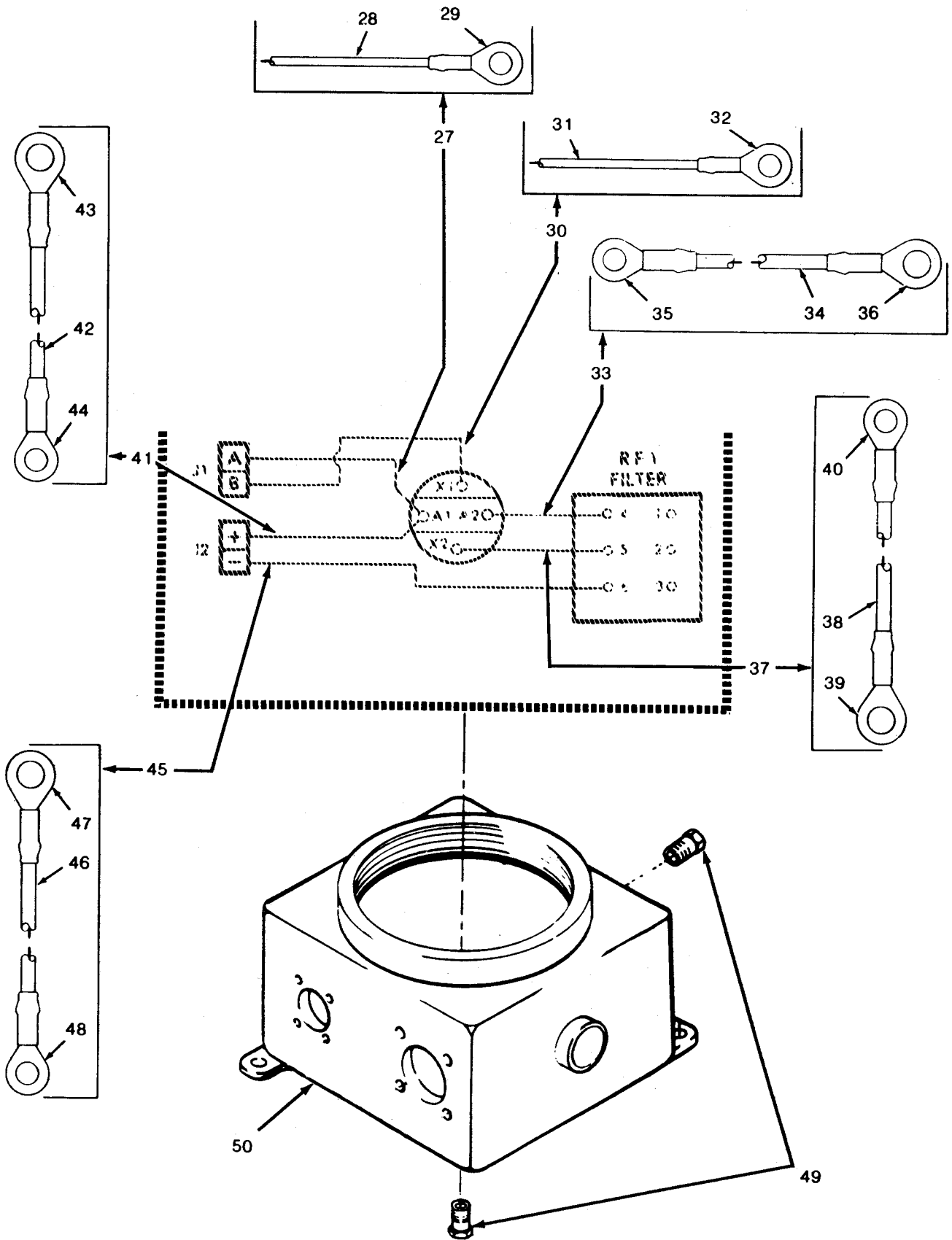


Figure 12C Junction Box Assembly (Sheet 2 of 2).

(1) ILLUSTRATION (A) (B) FIG ITEM NO. NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) USABLE ON CODE U/M	(8) QTY INC IN UNIT
12C 1	XDOZZ		GUB0101	15235	....COVER, THREADED	EA	1
12C 2	PBOZZ	5330-01-019-8913	GASK925	15235	....PACKING, PREFORMED	EA	1
12C 3	PAOZZ	5310-00-934-9751	MS35650-302	96906	....NUT, PLAIN, HEXAGON	EA	2
12C 4	PAOZZ	5310-00-576-5752	MS35333-39	96906	....WASHER, LOCK	EA	9
12C 5	PAOZZ	5310-00-014-5850	MS27183-42	96906	....WASHER, FLAT	EA	9
12C 6	PAOZZ	5305-00-989-7435	MS35207-264	96906	....SCREW, MACHINE	EA	9
12C 7	PAOZZ	5945-01-219-6786	13217E7154	97403	....RELAY, SPST, K1	EA	1
12C 8	PAOZZ	5310-00-723-2737	MS35690-524	96906	.....NUT, PLAIN, HEXAGON	EA	4
12C 9	PAOZZ	5310-00-974-6623	MS35338-140	96906	.....WASHER, LOCK	EA	4
12C 10	PAOZZ	5310-00-934-9765	MS35650-304	96906	.....NUT, PLAIN, HEXAGON	EA	4
12C 11	PAOZZ	5310-00-933-8120	MS35338-138	96906	.....WASHER, LOCK	EA	2
12C 12	PBOZZ		13217E7174	97403	....FILTER, RF	EA	1
12C 13	PAOZZ	5310-00-997-1888	MS35649-2252	96906	.....NUT, PLAIN, HEXAGON	EA	4
12C 14	PAOZZ	5310-00-582-5965	MS35338-44	96906	.....WASHER, LOCK	EA	4
12C 15	PAOZZ	5310-00-934-9757	MS35649-282	96906	.....NUT, PLAIN, HEXAGON	EA	2
12C 16	PAOZZ	5310-00-045-3299	MS35338-42	96906	....WASHER, LOCK	EA	2
12C 17	XDOZZ		13227E9783	97403	....BRACKET, MOUNTING	EA	1
12C 18	PAOZZ	5305-00-983-6730	MS35206-218	96906	....SCREW, MACHINE	EA	4
12C 19	PAOZZ	5310-00-193-7577	MS35333-36	96906	....WASHER, LOCK	EA	4
12C 20	PAOZZ	5310-00-950-1310	MS27183-4	96906	....WASHER, FLAT	EA	4
12C 21	PBOZZ	5935-00-814-4115	MS3102R16S4S	96906	....CONNECTOR, RECEPTACLE	EA	1
12C 22	XDOZZ	5935-01-184-7188	MS25043-16DA	96906	....COVER, ELECTRICAL	EA	1
12C 23	PBOZZ		MS52131-1	96906	....CONNECTOR, PLUG	EA	1
12C 24	PAOZZ	5340-01-059-0114	11675004	19207	.....CAP, PROTECTIVE	EA	1
12C 25	PAOZZ	5305-00-269-3233	MS90727-57	96906	.....SCREW, CAP, HEXAGON	EA	2
12C 26	PAOZZ		MS35338-46	96906	.....WASHER, LOCK-SPRING	EA	2
12C 27	AOZZ		13217E7141-1	97403	....LEAD, ELECTRICAL	EA	1
12C 28	MOOZZ		TYPEE-16	81349	.....WIRE, ELECTRICAL	IN	3
12C 29	PAOZZ	5940-00-283-5281	MS25036-109	96906	.....TERMINAL, LUG	EA	1
12C 30	AOOO	6150-01-253-8746	13217E7141-2	97403	....LEAD, ELECTRICAL	EA	1
12C 31	MOOZZ		TYPEE-16	83149	.....WIRE, ELECTRICAL MAKE FROM M16878/16BJE9, 6 IN. REQUIRED	IN	1

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM	DESCRIPTION	USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
12C	32	PAOZZ	5940-00-143-4780	MS25036-108	96906	.....TERMINAL, LUG		EA	2
12C	33	AOOOO		13217E7141-5	97403	....LEAD, ELECTRICAL		EA	1
12C	34	MOOZZ		TYPEE-8	81349	.....WIRE, ELECTRICAL MAKE FROM M16878/15BNL9, 6 IN. REQUIRED		IN	6
12C	35	PAOZZ	5940-00-114-1306	MS25036-117	96906	.....TERMINAL, LUG		EA	3
12C	36	PAOZZ	5940-00-114-1305	MS25036-116	96906	.....TERMINAL, LUG		EA	2
12C	37	AOOOO		13217E7141-6	97403	....LEAD, ELECTRICAL		EA	1
12C	38	MOOZZ		TYPEE-16	81349	.....WIRE, ELECTRICAL MAKE FROM M16878/15BJE9, 6 IN. REQUIRED		IN	6
12C	39	PAOZZ	5940-00-143-4780	MS25036-108	96906	.....TERMINAL, LUG		EA	1
12C	40	PAOZZ	5940-00-143-4774	MS25036-153	96906	.....TERMINAL, LUG		EA	1
12C	41	AOOOO	6150-01-214-5512	13217E7141-3	97403	....LEAD, ELECTRICAL		EA	1
12C	42	MOOZZ		TYPEE-8	81349	.....WIRE, ELECTRICAL MAKE FROM M16878/15BNL9, 6 IN. REQUIRED		IN	6
12C	43	PAOZZ	5940-00-557-4345	MS25036-118	96906	.....TERMINAL, LUG		EA	2
12C	44	PAOZZ	5940-00-114-1306	MS25036-117	96906	.....TERMINAL, LUG		EA	2
12C	45	AOOOO		13217E7141-4	97403	....LEAD, ELECTRICAL		EA	1
12C	46	MOOZZ		TYPEE-8	81349	.....WIRE, ELECTRICAL MAKE FROM M16878/15BNL9, 6 IN. REQUIRED		IN	6
12C	47	PAOZZ	5940-00-557-4345	MS25036-118	96906	.....TERMINAL, LUG		EA	1
12C	48	PAOZZ	5940-00-114-1305	MS25036-116	96906	.....TERMINAL, LUG		EA	1
12C	49	XDOZZ		M286755B	81349	....FITTING		EA	2
12C	50	XDOZZ		13217E7132	97403	....JUNCTION BOX		EA	1

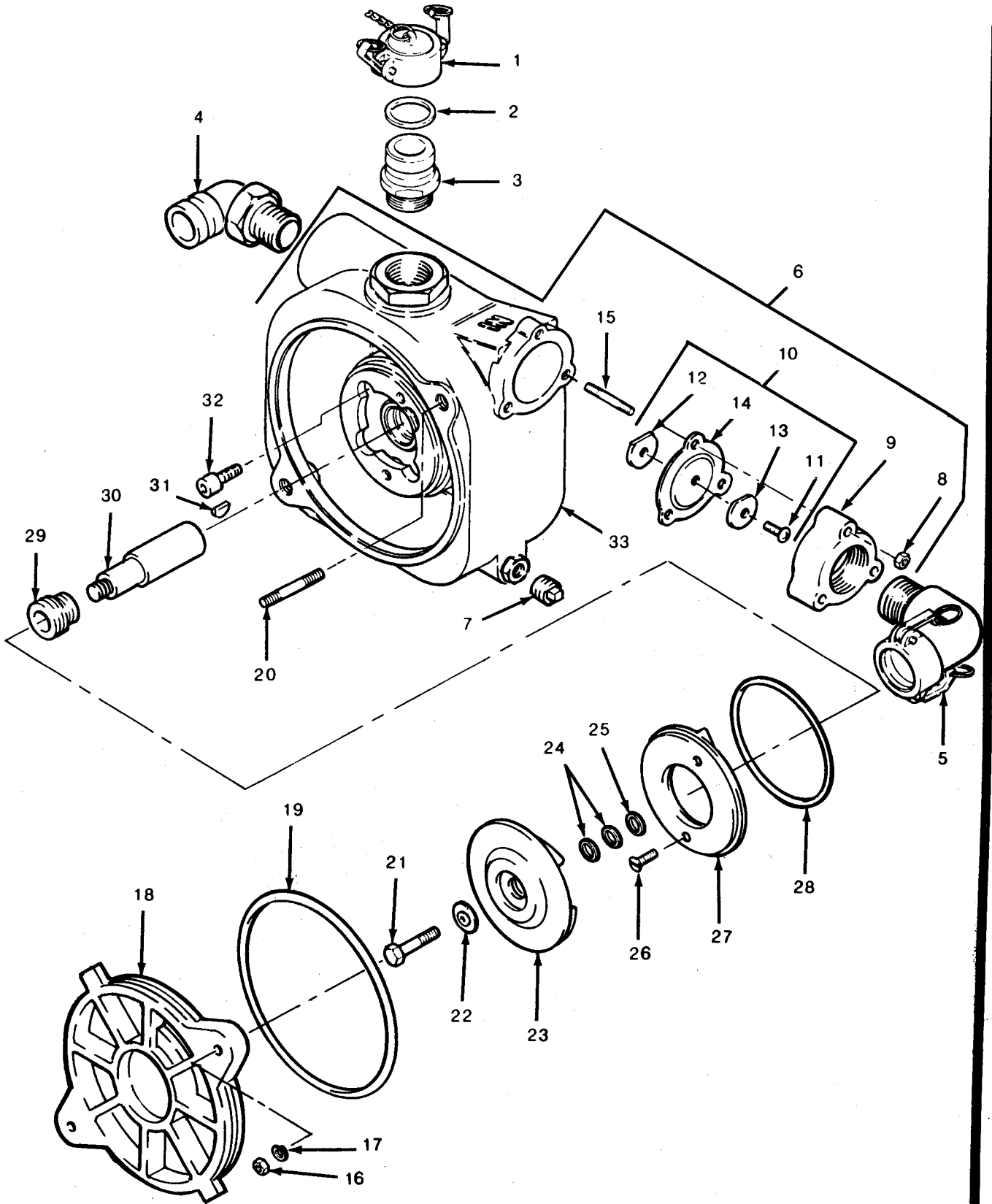


Figure 12D Pump Assembly (Sheet 1 of 2).

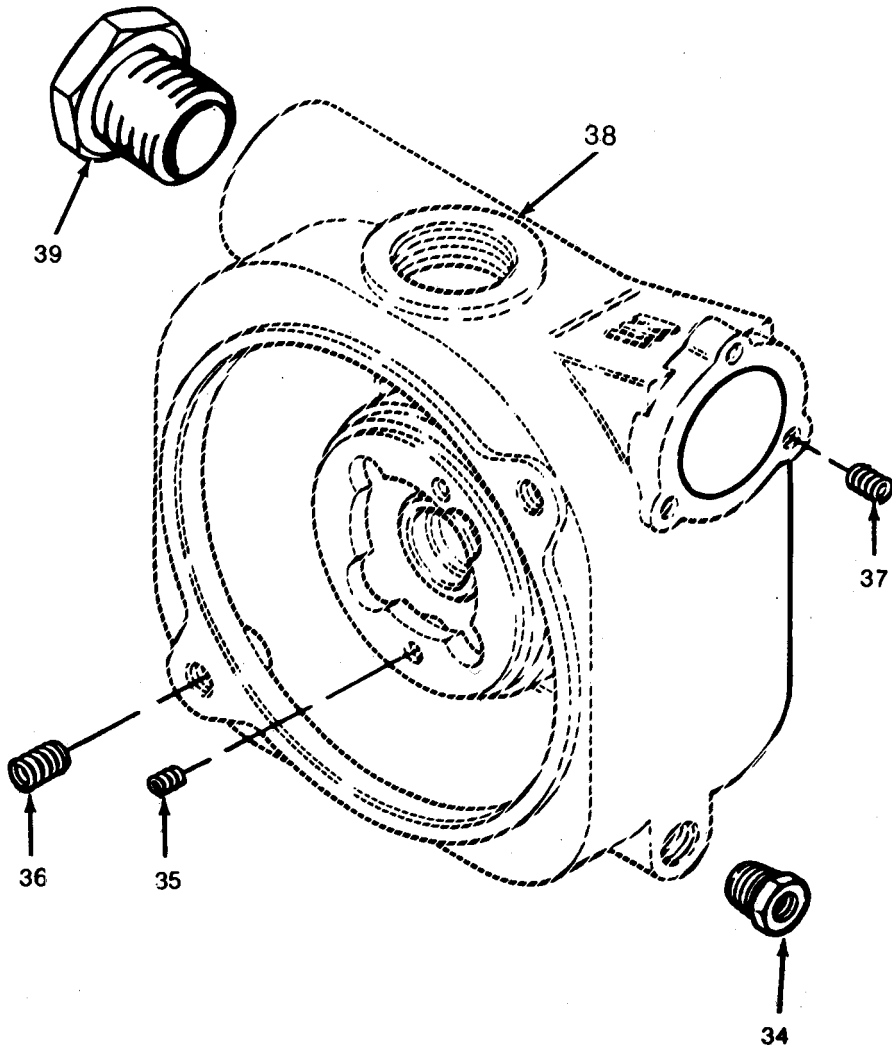


Figure 12D Pump Assembly (Sheet 2 of 2).

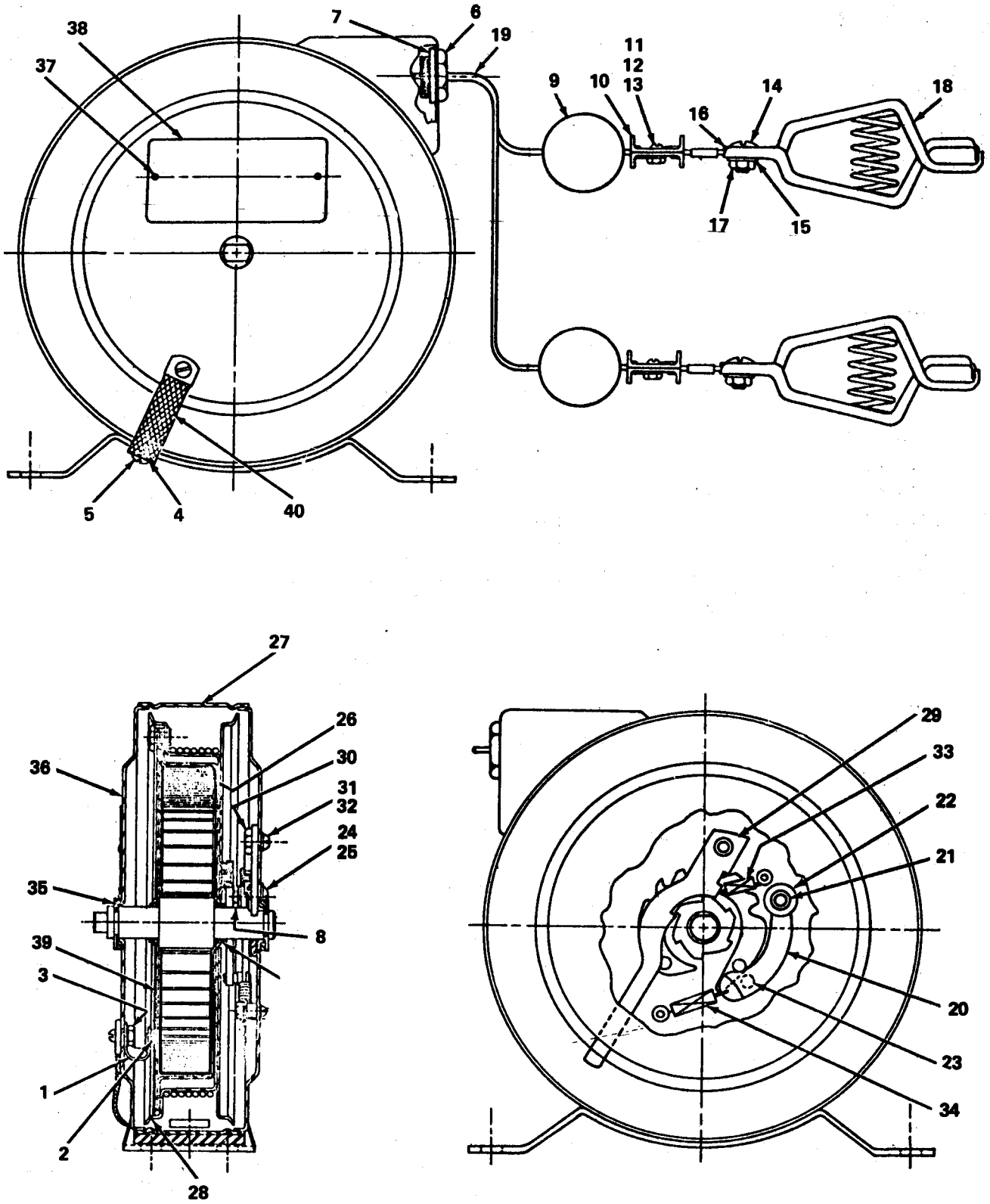
(1) ILLUSTRATION (A) (B) FIG ITEM NO. NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
12D 1	PAOZZ	4730-00-649-9100	MS27028-11	96906	CAP, QUICK DISCONNECT		EA	1
12D 2	PAOZZ	5330-00-612-2414	MS27030-6	96906	...GAKSET		EA	1
12D 3	PAOZZ	4730-00-938-7997	MS27022-11	96906	...COUPLING HALF, QUICK PRIMING PORT		EA	1
12D 4	PAOZZ	4730-00-721-9639	13217E6306	94703	...COUPLING HALF, QUICK DISCHARGE		EA	1
12D 5	PAOZZ		13217E7129	94703	...COUPLING HALF, SUCTION		EA	1
12D 6	PBFFF		13217E7170	97403	...PUMP ASSY		EA	1
12D 7	PAOZZ		ANS-B16.14	80204	...PIPE, PLUG		EA	1
12D 8	PAOZZ	5310-00-880-7746	MS51968-5	96906	...NUT, PLAIN, HEXAGON		EA	3
12D 9	XDOZZ	4730-00-991-6516	13200E8814	97403	...FLANGE, PIPE		EA	1
12D 10	PAOZZ	4820-00-991-6517	13200E8810	97403	...FLAPPER, FOOT VALVE		EA	1
12D 11	PAOZZ	5305-00-637-1119	MS35214-69	96906	...SCREW, MACHINE		EA	1
12D 12	XAOZZ		13200E8811	97403	...WEIGHT, CHECK VALVE		EA	1
12D 13	XAOZZ		13200E8812	97403	...WEIGHT, CHECK VALVE		EA	1
12D 14	PAOZZ	5330-00-792-6213	13200E8813	97403	...GASKET		EA	1
12D 15	PAFZZ	5307-01-013-7888	MS51864-103-18	96906	...STUD		EA	3
12D 16	PAOZZ	5310-00-732-0560	MS51864-14	96906	...NUT, PLAIN, HEXAGON		EA	2
12D 17	PAOZZ	5310-00-809-5998	MS27183-18	96906	...WASHER, FLAT		EA	2
12D 18	XDOZZ		13200E8809	97403	...VOLUTE, PUMP		EA	1
12D 19	PAOZZ	5330-00-263-8015	MS29513-273	96906	...PACKING, PREFORMED		EA	1
12D 20	PAFZZ	5307-01-016-4423	MS51864-106-20	96906	...STUD, PLAIN		EA	2
12D 21	PAFZZ	5306-00-225-9098	MS90726-43	96906	...BOLT, MACHINE		EA	1
12D 22	KFFZZ	5330-00-712-7730	13200E8802	97403	RETAINER, PACKING PART OF KIT, P/N 78678SA		EA	1
12D 23	XDFZZ		13217E7167	97403	...IMPELLER		EA	1
12D 24	PBFZZ	5365-00-712-5972	13200E8807-1	97403	...SHIM		EA	V
12D 25	PBFZZ	5310-00-712-7731	13200E8807-2	97403	...WASHER		EA	V
12D 26	PAFZZ	5305-00-052-5925	MS35198-73	96906	...SCREW, MACHINE		EA	2
12D 27	PBFZZ		13217E7168	97403	...WEAR PLATE		EA	1
12D 28	KFFZZ	5330-00-551-3963	MS29513-253	96906	PACKING, PREFORMED PART OF KIT, P/N 78678SA		EA	1
12D 29	KFFZZ		13200E8806	97403	SEAL, SHAFT PART OF KIT, P/N 78678SA		EA	1

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) USABLE ON CODE	(8) (8) QTY INC IN UNIT
12D	30	XDFZZ		13200E8804	97403	...SHAFT SHOULDERED	EA	1
12D	31	PAFZZ	5315-00-043-1787	MS35756-34	96906	...KEY, WOODRUFF	EA	1
12D	32	KFFZZ		13200E8861	97403	SCREW, CAP, SOCKET HEAD PART OF KIT, P/N 78678SA	EA	4
12D	33	XDFZZ	4320-00-991-6514	13200E8803	97403	...BODY, PUMP	EA	1
12D	34	PAOZZ		ANS-B16.14	80204	...BUSHING, PIPE	EA	1
12D	35	PAFZZ	5340-01-030-6854	MS122121	96906	....INSERT, SCREW, THREAD	EA	2
12D	36	PAFZZ	5340-00-290-4504	MS122125	96906	....INSERT, SCREW, THREAD	EA	2
12D	37	PAFZZ	5340-00-290-4521	MS122122	96906	....INSERT, SCREW, THREAD	EA	3
12D	38	XAFZZ		ASTMB26(356-T7)	81348	....CASE, PUMP	EA	2
12D	39	PAOZZ	4730-00-268-7479	MS14315	96906	...BUSHING, PIPE	EA	1
			4930-01-220-2065	78678SA	05787	...KIT, REPAIR PUMP RETAINER, PACKING (1) 12D-22 PACKING, PREFORMED (1) 12D-28 SEAL, SHAFT (1) 12D-29 SCREW, CAP (4) 12D-32		

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN UNIT
12E	1	PAFZZ	5310-00-880-7744	MS51967-5	96906	...NUT, PLAIN, HEXAGON	EA	4
12E	2	PAFZZ	5310-00-407-9566	MS35338-45	96906	...WASHER, LOCK	EA	4
12E	3	PAFZZ	5310-00-081-4219	MS27183-12	96906	...WASHER, FLAT	EA	4
12E	4	PAFZZ	5306-00-225-8503	MS90725-39	96906	...BOLT, MACHINE	EA	4
12E	5	XDFZZ		13222E9858	97403	...SPACER, MOTOR	EA	2
12E	6	PAFZZ	5940-00-557-1629	MS25036-149	96906	...TERMINAL, LUG	EA	2
12E	7	PAFZZ	5940-00-143-4777	MS25036-157	96906	...TERMINAL, LUG	EA	4
12E	8	PBFZZ	6105-01-139-3183	13217E7131	97403	...MOTOR, DIRECT CURRENT	EA	1
12E	9	PAFZZ	5310-00-732-0558	MS51967-8	96906	...NUT, PLAIN	EA	4
12E	10	PAFZZ		MS35338-46	96906	WASHER, LOCK-SPRING	EA	4
12E	11	PAFZZ	5310-00-080-6004	MS27183-14	96906	WASHER, FLAT	EA	4
12E	12	PAFZZ	5305-00-543-2419	MS90728-61	96906	SCREW, CAP, HEXAGON	EA	4
12E	13	XDFZZ		13217E7136	97403	BRACKET, MOTOR MOUNT	EA	2
12E	14	PBFZZ	5320-00-582-3276	MS20600AD6W4	96906	RIVET, BLIND	EA	4
12E	15	XDFZZ		13217E713	97403	PLATE, IDENTIFICATION	EA	1
12E	16	XDFZZ	4320-01-011-5037	13217E7121	97403	BASE, PUMP ENGINE	EA	1
					GROUP 03-BULK ITEMS			
BULK		PAFZZ		MIL-W-16878/5	81349	.WIRE, BULK	FT	V

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION							QTY		
(A)	(B)	FEDERAL			DESCRIPTION		INC		
FIG	ITEM	SMR	STOCK	PART			IN		
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U/M		
							UNIT		
13	1	PAOZZ	5310-00-087-4652	MS51922-17	96906	NUT,PLAIN,HEXAGON GROUND AND HOSE REEL, MTG	EA	14	
13	2	PAOZZ	5310-00-637-9541	MS35338-46	96906	WASHER,LOCK GROUND AND HOSE REEL MTG	EA	14	
13	3	PAOZZ	5305-00-269-3214	MS90725-64	96906	SCREW,CAP,HEXAGON GROUND AND HOSE REEL	EA	14	
13	4	PAOZZ	5310-00-225-6993	MS51922-33	96906	NUT,SELF-LOCKING,HE	EA	2	
13	5	PAOZZ	5310-00-809-5998	MS27183-18	96906	WASHER,FLAT	CES,CET,CEU,CEV,CEW	EA	2
13	6	PAOZZ	5305-00-044-4153	MS90725-109	96906	SCREW,CAP,HEXAGON H	CES,CET,CEU,CEV,CEW	EA	2
13	7	PAOZZ	5310-00-087-4652	MS51922-17	96906	NUT,SELF-LOCKING,HE	CES,CET,CEU,CEV,CEW	EA	2
13	8	PAOZZ	5310-00-627-6128	MS35335-35	96906	WASHER,LOCK	CES,CET,CEU,CEV,CEW	EA	2
13	9	PAOZZ	5305-00-269-3214	MS90725-64	96906	SCREW,CAP,HEXAGON H	CES,CET,CEU,CEV,CEW	EA	4
13	10	XBOZZ	4930-00-976-3109	115-62	01400	UNLOADER,DRUM	EA	1	
13	11	XBOZZ		MS27028-9	01400	.CAP,PROTECTIVE,DUST	EA	1	
13	12	PAOZZ	5330-00-360-0595	MS27030-5	96906	.GASKET,FEMALE	EA	1	
13	13	XBOZZ		115-42	01400	.COUPLING HALF,QUICK MALE	EA	1	
13	14	XBOZZ	4710-00-483-0910	115-113	01400	.PIPE,ALUMINUM	EA	1	
13	15	XBFZZ		115-3	01400	FRAME ASEMBLY WELDED	EA	1	
13	16	PAOZZ	5330-00-735-4454	115-126	01400	.WASHER,NONMETALLIC SUCTION STUB TO FRAME	EA	1	
13	17	PAOZZ	5325-00-943-6697	115-146	01400	.GROMMET NONMETALLIC SUCTION STUB BRACKET	EA	1	
13	18	XBOZZ	4930-00-191-7011	115-148	01400	.TIE-DOWN ASSEMBLY PUMPING ASSY	EA	2	
13	19	XBOZZ	4930-00-191-7018	115 -77-2	01400	.DOOR,ACCESS RH	EA	1	
13	20	XBOZZ		115-774-1	01400	.PLATE,INSTRUCTION LH DOOR	EA	1	
13	21	PAOZZ	5310-00-880-8189	MS51967-11	96906	.NUT,PLAIN,HEXAGON LIFTING LOOP MTG	EA	4	
13	22	PAOZZ	5310-00-012-0384	MS35338-29	96906	.WASHER,LOCK LIFTING LOOP MTG	EA	4	
13	23	XBOZZ	4930-00-482-5926	115-19	01400	.LOOP ASSEMBLY LIFTING	EA	2	
13	24	PAFZZ	4930-00-563-3566	3000-1	82360	REEL ASSEMBLY	EA	1	



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Figure 14. Ground Reel

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION							QTY	
(A)	(B)	FEDERAL			DESCRIPTION		INC	
FIG	ITEM	SMR	STOCK	PART			IN	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U/M	
							UNIT	
14		PAFZZ	5977-00-650-8961	30041	82366	.BRUSH ASSY, GROUNDIN	EA	1
14	1	XAFZZ		30018	82366	..BRUSH	CES, CET, CEU, CEV, CEW	EA 1
14	3	XAFZZ		151P10	82366	..NUT	CES, CET, CEU, CEV, CEW	EA 1
14	4	XBOZZ		103P10	82366	..WASHER, LOCK GROUND STRAP MTG	EA	2
14	5	XBOZZ		2P100-1	82366	..SCREW, MACHINE GROUND STRAP MTG	EA	2
14	6	XBOZZ		30019	82366	.GUIDE, CABLE OUTLET	EA	1
14	7	XBOZZ		155P10	82366	.NUT, PLAIN, HEXAGON CABLE GUIDE MTG	EA	1
14		PAFZZ	4930-00-735-4371	30068	82366	.CABLE ASSEMBLY, STAT	EA	1
14	9	XBOZZ		27077	82366	..BUMPER, RUBBER CABLE STOP	EA	2
14		XBOZZ		30055	82366	..STOP ASSEMBLY	EA	2
14	10	XAOZZ		13614	82366	..CLAMP	EA	4
14	11	XAOZZ		2P101-3	82366	..SCREW, MACHINE	EA	4
14	12	XAOZZ		101P4	82366	..WASHER, LOCK	EA	4
14	13	XAOZZ		151P15	82366	..NUT, PLAIN, HEXAGON	EA	4
14		XBOZZ		30056	82366	..CLIP, ELECTRICAL	EA	2
14	14	XAOZZ		5P100-1	82366	..SCREW, MACHINE	EA	1
14	15	XAOZZ		101P10	82366	..WASHER, LOCK	EA	1
14	16	XAOZZ		126P15	82366	..WASHER, PLAIN	EA	1
14	17	XAOZZ		151P20	82366	..NUT, PLAIN, HEXAGON CLIP MTG	EA	1
14	18	PCOZZ	5999-00-735-4393	651P10	82366	..CLIP, ELECTRICAL	CES, CET, CEU, CEV, CEW	EA 1
14	19	XBFZZ		30069	82366	.CABLE	EA	2
14	20	XBFZZ		27411	82366	.LEVER SCROLL LOCK	EA	1
14	21	XBFZZ		27413	82366	.BUSHING, SLEEVE SCROLL LOCK LEVER	EA	1
14	22	XBFZZ		30020	82366	.SPACER SCROLL LOCK LEVER	EA	1
14	23	XAFZZ		30023	82366	.PIN	CES, CET, CEU, CEV, CEW	EA 1
14	24	PAFZZ	5310-00-045-3299	MS35338-42	96906	.WASHER, LOCK	CES, CET, CEU, CEV, CEW	EA 1
14	25	XBFZZ		102P10	82366	.WASHER	CES, CET, CEU, CEV, CEW	EA 1
14	26	XBFZZ		30045	82366	.MAIN SPRING AND	EA	1
14	27	XBFZZ		30046	82366	.HOUSING	EA	1
14	28	XBFZZ		30047	82366	.DRUM ASSEMBLY	CES, CET, CEU, CEV, CEW	EA 1
14	29	XBFZZ		30015	82366	.LEVER, RATCHET	EA	1
14	30	XBFZZ		30017	82366	.BUSHING RATCHET LEVER	EA	1
14	31	XBFZZ		2P102	82366	.SCREW	CES, CET, CEU, CEV, CEW	EA 1
14	32	XBFZZ		103P25	82366	.WASHER, LOCK	CES, CET, CEU, CEV, CEW	EA 1
14	33	XBFZZ		30049	82366	.SPRING ASSEMBLY	EA	1
14	34	XBFZZ		30050	82366	.SPRING ASSEMBLY SCROLL LOCK	EA	1
14	35	XBFZZ		30051	82366	.MAIN SHAFT ASSEMBLY	EA	1
14	36	XBFZZ		30052	82366	.COVER ASSEMBLY	EA	1

SECTION II		TM10-4930-204-23P							
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	
ILLUSTRATION		FEDERAL		DESCRIPTION				QTY	
(A)	(B)	SMR	STOCK	PART				INC	
FIG	ITEM	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U/M	IN	
NO.	NO.							UNIT	
14	37	XBFZZ		1137P10	82366	.SCREW	CES,CET,CEU,CEV,CEW	EA	2
14	38	XBOZZ		30027	82366	.PLATE GROUND REEL		EA	1
14	39	XBFZZ		30053	82366	.COVER ASSEMBLY	CES,CET,CEU,CEV,CEW	EA	1
14	40	PAOZZ	5920-00-675-4952	27016	82366	.STRAP GROUND		EA	1

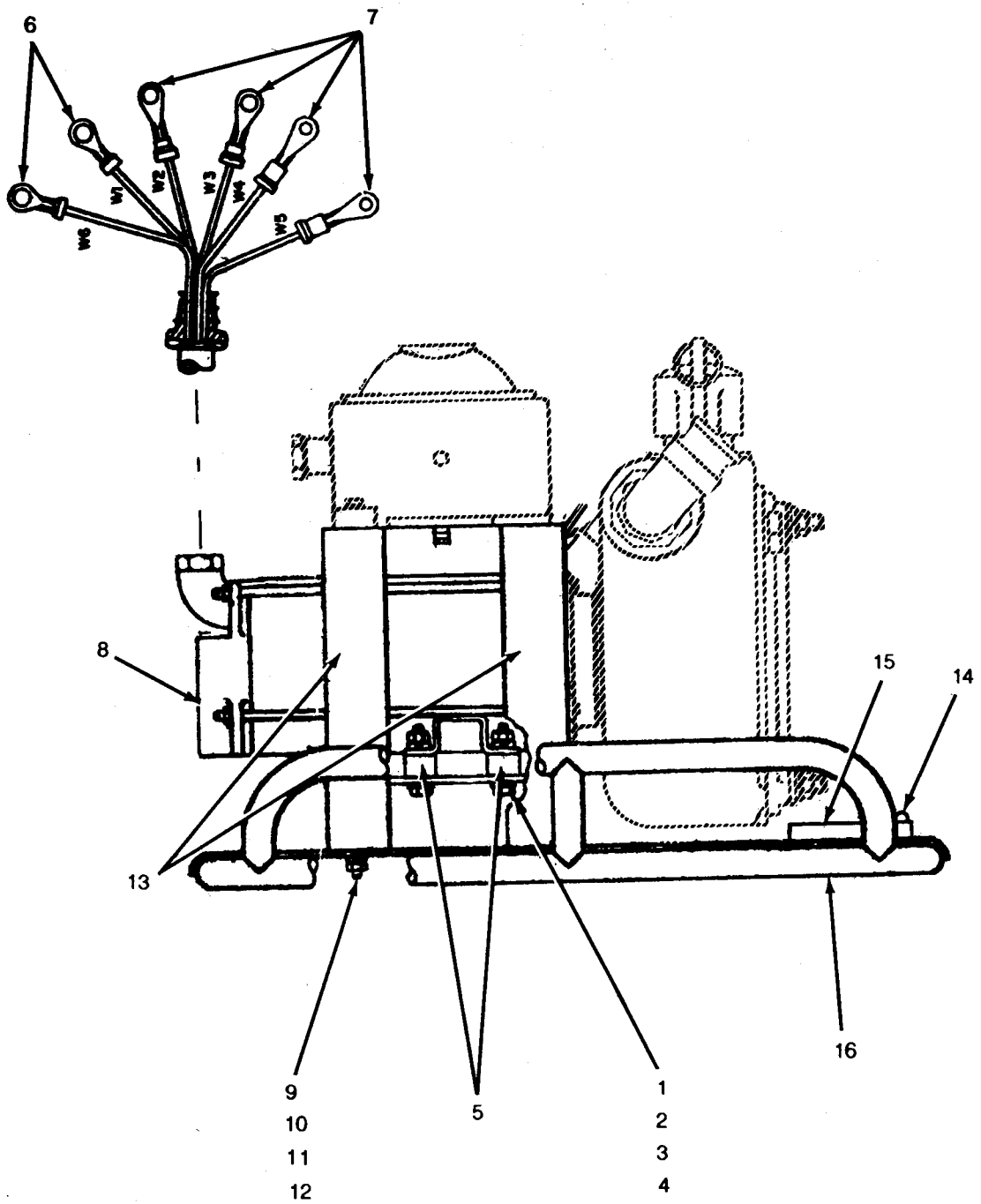
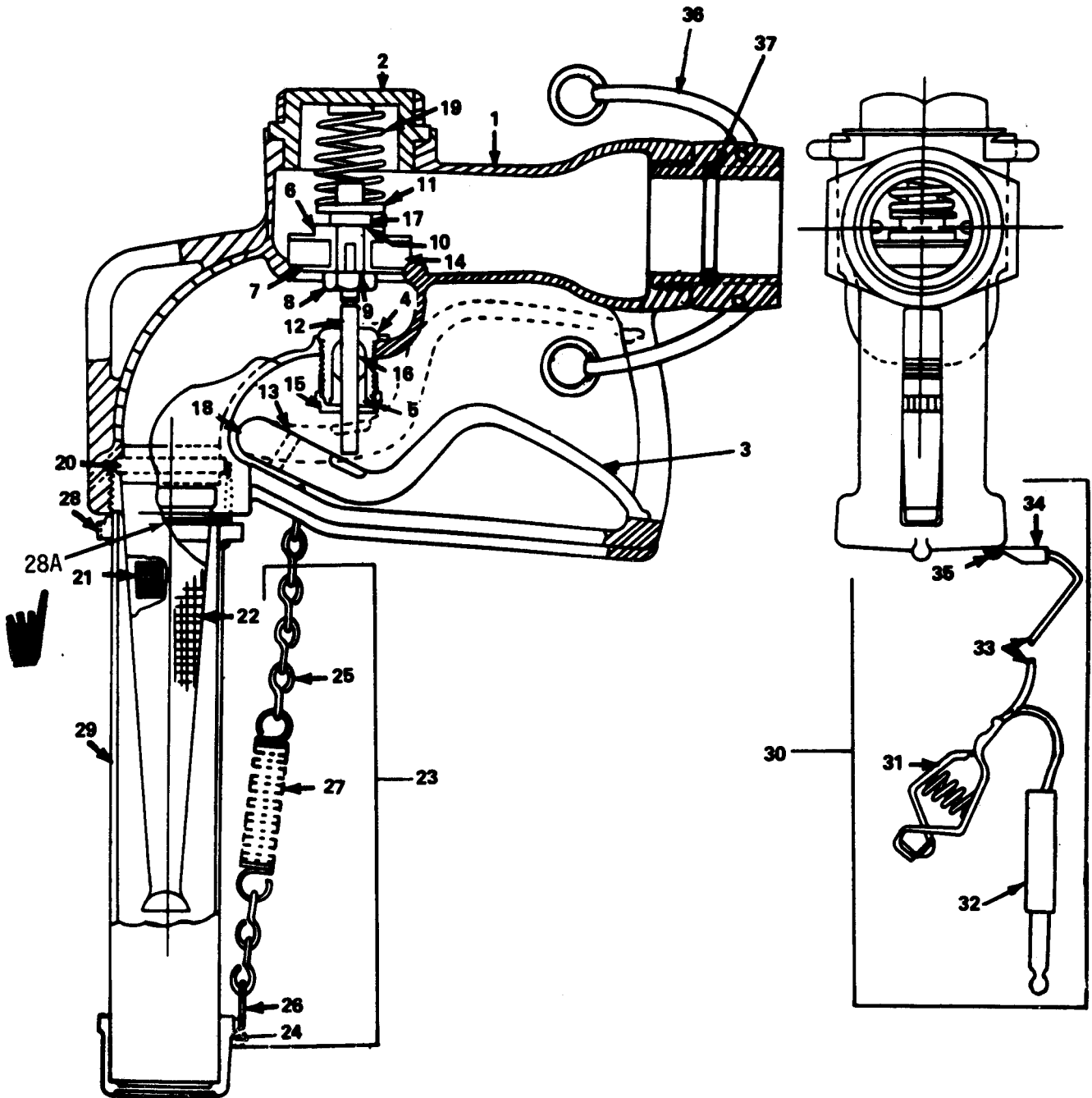


Figure 12E Motor and Base Assembly.



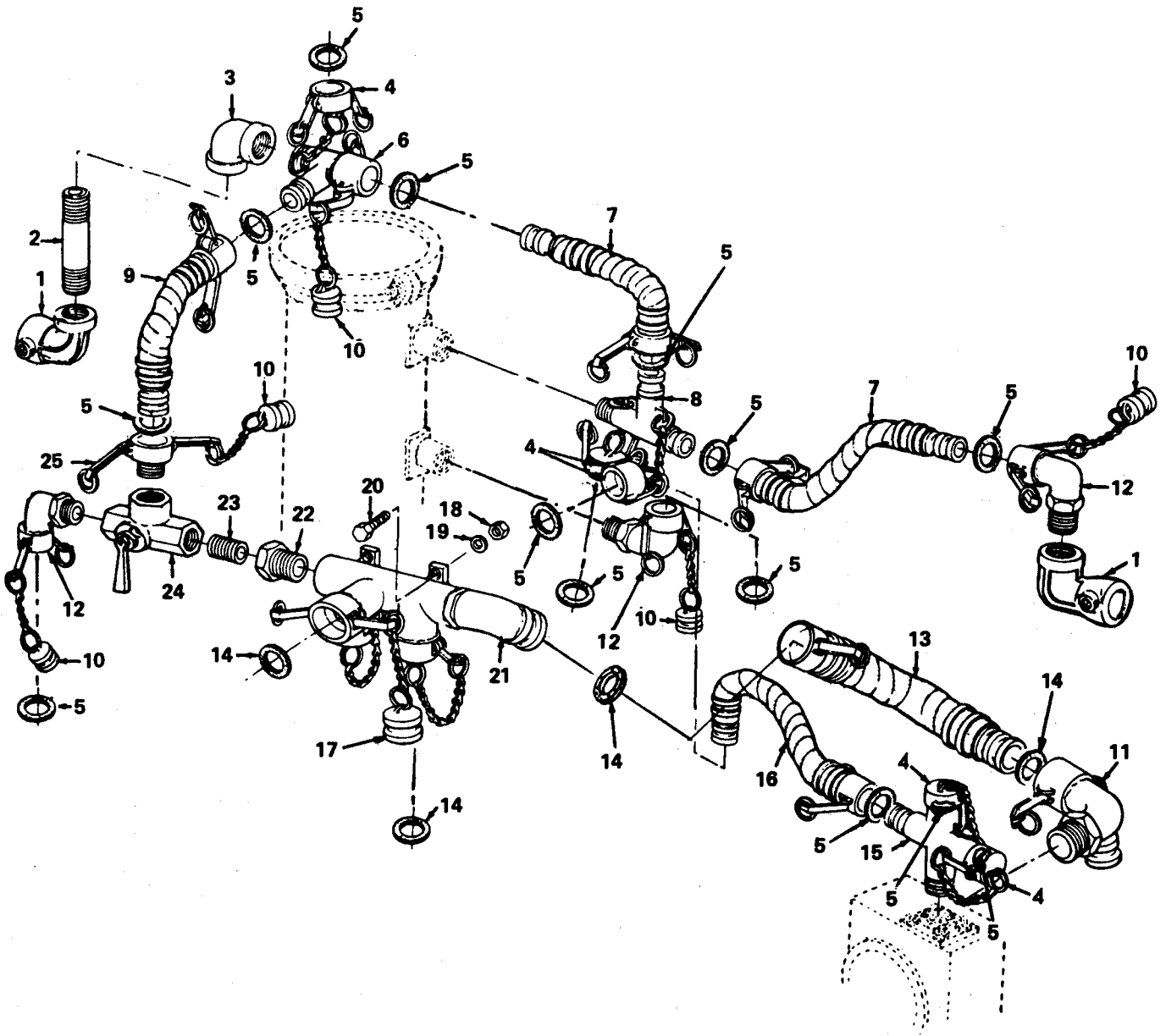
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Figure 15. Nozzle

(1) ILLUSTRATION (A) (B) FIG ITEM NO. NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
15	XBOZZ		13217E2774	97403	NOZZLE,FUEL AND OIL		EA	2
15	1 XAOZZ		0102A	81718	.BODY		EA	1
15	2 XAOZZ		H16698	81718	.CAP		EA	1
15	3 XAOZZ		H16688	81718	.LEVER		EA	1
15	4 XBOZZ		H195RB	81718	.BOX,STUFFING		EA	1
15	5 XAOZZ		H7012RB	81718	.PACKING' GLAND		EA	1
15	6 XAOZZ		H16708	81718	.HOLDER,LOWER,DISC		EA	1
15	7 XAOZZ		H428RA	81718	.DISC,LOWER LOWER		EA	1
15	8 XAOZZ		H213RB	81718	.NUT,PLAIN,HEXAGON LOWER DISC		EA	1
15	9 XAOZZ		H534RA	81718	.HOLDER,UPPER DISC		EA	1
15	10 XAOZZ		H7250M	81718	.WASHER,UPPER DISC		EA	1
15	11 XAOZZ		H305RA	81718	.NUT,UPPER DISC		EA	1
15	12 XAOZZ		A538RS	81718	.STEM		EA	1
15	13 XAOZZ	5315-00-168-6443	H1471M	81718	.PIN,COTTER		EA	1
15	14 XAOZZ		H502M	81718	.DISC LOWER		EA	1
15	15 XAOZZ		H113RA	81718	.NUT,PACKING		EA	1
15	16 XAOZZ		H714M	81718	.PACKING,PREFORMED		EA	1
15	17 XAOZZ		H58M	81718	.DISC UPPER		EA	1
15	18 XAOZZ		H3353M	81718	.RIVET,LEVER		EA	1
15	19 XAOZZ		H2061M	81718	.SPRING		EA	1
15	20 XAOZZ		H41988	81718	.FERRULE		EA	1
15	21 XAOZZ		H4170M	81718	.SCREE (100 MESH)		EA	1
15	22 XAOZZ		H4169M	81718	.SCREEN (8 MESH)		EA	1
15	23 XBOZZ	4930-00-119-0452	296CAALUM	81718	.CAP ASSEMBLY,DUST		EA	1
15	24 XAOZZ		H3804A	81718	..CAP		EA	1
15	26 XAOZZ		H284M	81718	..CHAIN,LINK,BRASS		EA	2
15	26 XAOZZ		H3673M	81718	..HOOK,CHAIN,S		EA	2
15	27 XAOZZ		H3667M	81718	..SPRING,HELICAL		EA	1
15	XAOZZ		296	81718	.SPOUT ASSEMBLY		EA	1
15	28 XAOZZ		3146B	81718	..ADAPTER		EA	1
15	28A XAOZZ		H7766M	81718	..GASKET		EA	1
15	29 XAOZZ		H3163RB	81718	..TUBE,METAL		EA	1
15	30 XBOZZ	4010-06-997-9744	190W	81718	.STRAND,WIRE ROPE		EA	1
15	31 XAOZZ		H5482M	81718	..CLIP,ELECTRICAL GOUND CABLE		EA	1
15	32 PBOZZ	5935-00-007-9202	MS3493-1	96906	..PLUG,TIP		EA	1
15	33 XAOZZ		H3719M	81718	..STRAND,WIRE ROPE		EA	1
15	34 XAOZZ		A1946M	81718	..LUG,TERMINAL		EA	1
15	35 XAOZZ		H7396M	81718	..SCREW,MACHINE TERMINAL LUG MTG		EA	1
15	36 XBOZZ	4730-00-203-1010	MS27026-9	81718	COUPLING HALF, QUICK		EA	2
15	37 PAOZZ	5330-00-360-0595	MS27030-5	96906	.GASKET	CES,CET,CEU,CEV,CEW	EA	1
15	XBOZZ	5975-00-577-8825	15675	05748	ROD AND WIRE		EA	1

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	FEDERAL		DESCRIPTION			(8)
FIG	ITEM	SMR	STOCK	PART			QTY
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U/M UNIT
15		XBOZZ		15765	05746	.ROD	EA 1
15		XBOZZ	4940-00-672-4771	15676SA	05746	.WIRE ASSEMBLY,GROUND GROUND	EA 1
15		PAOZZ	4930-00-904-1383	H4126	51718	PARIS KIT FUEL NOZZLE	EA 1

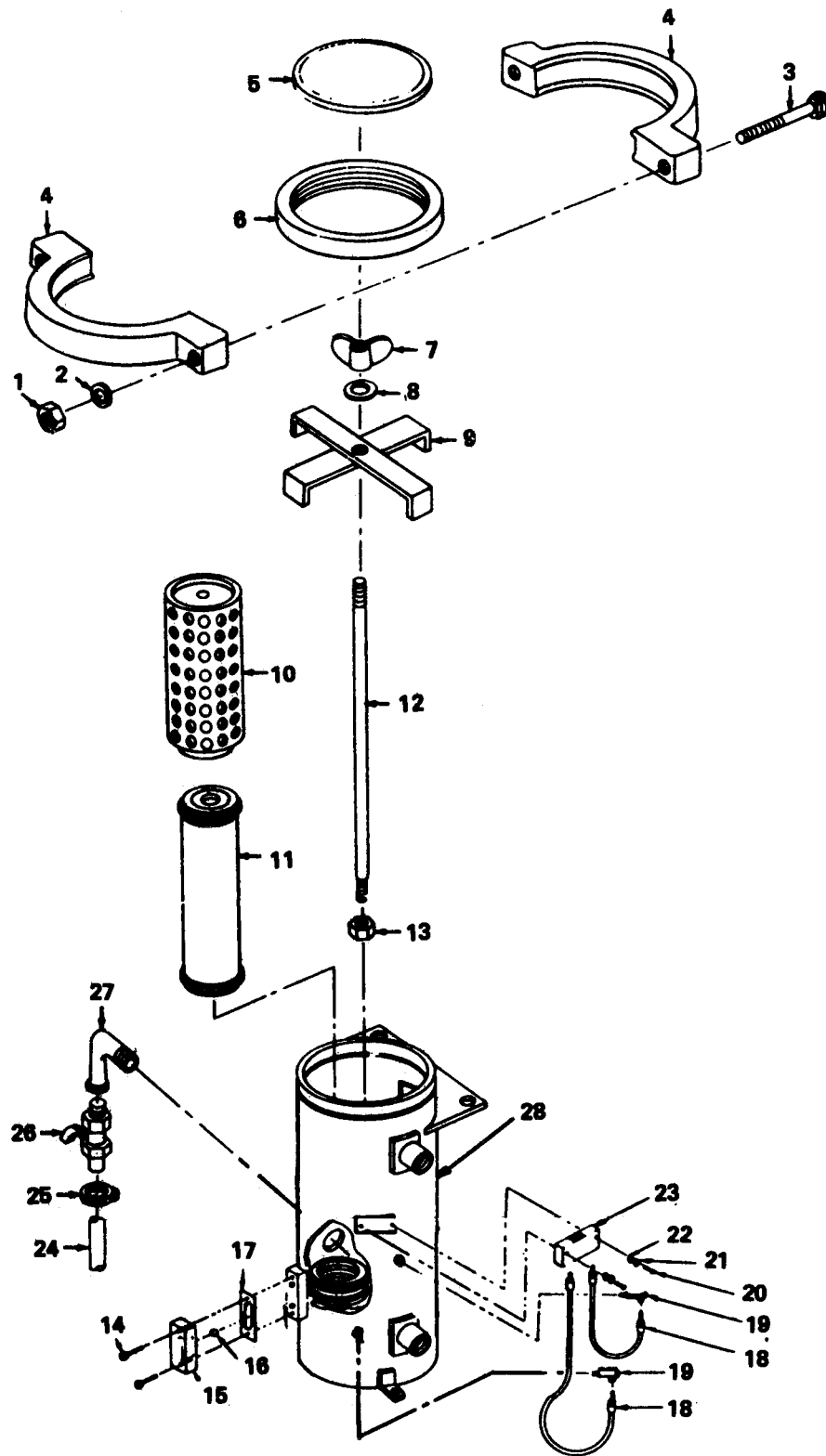


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Figure 16. Manifold, Hose Assemblies and Fittings

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	FEDERAL			DESCRIPTION		QTY
FIG	ITEM	SMR	STOCK	PART			INC
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN
							UNIT
16	1	XBOZZ		980-1-1-2	79515	SWING JOINT,PIPE HOSE REEL HUB	EA 2
16	2	PBOZZ	4730-03-164-6759	P1126	01400	NIPPLE,PIPE SWING JOIN,LH SIDE	EA 1
16	3	XBOZZ		801-1 1/2	82666	ELBOW,PIPE NIPPLE TO ADAPTER TEE	EA 1
16	4	XBOZZ	4730-00-869-5246	MS27028-9	96906	CAP,PROTECTIVE,DUST	EA 5
16	5	PAOZZ	5330-00-360-0595	MS27030-5	96906	GASKET FEMALE COUPLING	EA 1
16	6	XBOZZ	4210-00-404-0650	115-222	01400	TEE SWING JOINT ELBOW	EA 1
16	7	XBOZZ	4720-00-191-6780	115-139-5	01400	HOSE ASSEMBLY FILTER TO REELS	EA 2
16	8	XBOZZ		115-39	01400	TEE FILTER OUTLET	EA 1
16	9	XBOZZ	4720-00-407-6415	115-139-1	01400	HOSE ASSEMBLY,NONME 3 WAY VALVE TO TEE	EA 1
16	10	XBOZZ	5340-00-823-5316	MS27029-9	96906	PLUG,PROTECTIVE	EA 5
16	11	XBOZZ	4730-00-735-4390	115-40	01400	COUPLING HALF,QUICK PUMP INLET	EA 1
16	12	XBOZZ	4730-00-735-4388	115-41	01400	COUPLING HALF,QUICK	EA 3
16	13	XBOZZ	4720-00-718-6023	115-138-1	01400	HOUSE ASSEMBLY MANIFOLD TO PUMP	EA 1
16	14	PAOZZ	5310-00-612-2414	MS27030-6	96906	GASKET DUST CAP	EA 1
16	15	XBOZZ	4730-00-735-4389	115-33	01400	CROSS PUMP OUTLET	EA 1
16	16	XBOZZ	4720-00-563-4688	115-139-2	01400	HOSE ASSEMBLY PUMP TO FILTER	EA 1
16	17	XBOZZ	4730-00-915-5127	MS27029-11	96906	PLUG,PROTECTIVE	EA 3
16	18	PAOZZ	5310-00-087-4652	MS51922-17	96906	NUT,SELF-LOCKING MANIFOLD MTG	EA 3
16	19	PAOZZ	5310-00-044-6548	446548	24617	WASHER,FLAT MANIFOLD MTG	EA 3
16	20	PAOZZ	5305-00-269-3213	MS35297-62	96906	SCREW,CAP,HEXGON MANIFOLD MTG	EA 3
16	21	XBOZZ	4730-00-735-4384	115-7	01400	MANIFOLD LIQUID DISTRIBUTION	EA 1
16	22	XBOZZ		960957	47301	BUSHING,PIPE MANIFOLD TO VALVE	EA 1
16	23	PAOZZ	4730-00-359-5631	A24PNC	12793	NIPPLE,PIPE VALVE	EA 1
16	24	XBOZZ		7601-2	90800	VALVE 3 WAY SHUT-OFF	EA 1
16	25	XBOZZ	4730-00-203-1010	MS27026-9	96906	COUPLING HALF,QUICK VALVE TO HOSE	EA 1
16		XBOZZ		115-139-4	01400	HOSE ASSEMBLY	EA 2
16		PAOZZ	5330-00-360-0595	MS27030-5	96906	.GASKET COUPLING	EA 1
16		XBOZZ	4720-00-718-6020	115-139-3	01400	HOSE ASSMBLY,NONME HOSE REEL	EA 2
16		PAOZZ	5330-00-360-0595	MS27030-5	96906	.GASKET COUPLING	EA 1
16		XBOZZ	4720-00-718-6024	115-138-2	01400	HOSE ASSEMBLY MANIFOLD TO TANK	EA 1
16		XBOZZ	4720-00-718-6027	115-138-3	01400	HOSE ASSMBLY MANIFOLD TO TANK	EA 1
16		PAOZZ	5310-00-612-2414	MS27030-6	96906	.GASKET DUST CAP	EA 1



TS 4930-204-23P/17

Figure 17. Filter/Separator

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) FEDERAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN UNIT
17		XBOOZ		115-249	01400 FILTER SEPARATOR		EA 1
17	1	PAOZZ	5310-00-269-4040	MS51922-49	96906 .NUT,PLAIN,HEXAGON		EA 2
17	2	PAOZZ	5310-00-823-8803	MS27183-21	96906 .WASHER,FLAT CES,CET,CEU,CEV,CEW		EA 1
17	3	PAOZZ	5305-00-943-2094	MS35307-47C	96906 .BOLT,SQUARE NECT,COVER MTG		EA 2
17	4	XBOZZ	4730-00-735-4368	115-5-4	01400 .CLAMP TRIM CLENCHING		EA 1
17	5	XBOZZ		115-145	01400 .COVER,FLUID FILTER		EA 1
17	6	PAOZZ	5330-00-171-4827	G120B	26622 .GASKET COVER,FLUID FILTER		EA 1
17	7	XBOZZ	5310-00-274-9337	MS35425-36	96906 .NUT WING,RETAINER MTG		EA 1
17	8	XBOZZ	5310-00-809-3079	MS27183-19	96906 .WASHER,FLAT RETAINER MTG		EA 1
17	9	XBOZZ		115-282	01400 .RETAINER,CANNISTER		EA 1
17	10	XBOZZ	4930-00-072-6700	050205	06840 .CANNISTER		EA 2
17	11	PAOZZ	4330-00-983-0998	MILF52308	81349 .FILTER		EA 4
17	12	XBOZZ	5306-00-482-4405	115-160	01400 .ROD,THREADED CANNISTER RETAINER		EA 1
17	13	PAOZZ	5310-00-897-6082	MS34691-36	96906 .NUT,PLAIN,HEXAGON CES,CET,CEU,CEV,CEW		EA 2
17	14	XBOZZ	5305-00-983-8084	MS16997-60	96906 .SCREW,CAP,SOCKET		EA 2
17	15	PBOZZ	9340-01-210-4552	115-287	01400 .WINDOW,ACRYLIC		EA 1
17	16	XBOOZ		115-288	01400 .BALL,STEAL		EA 1
17	17	XBOZZ		115-286	01400 .GASKET,WINDOW GAUGE		EA 1
17	18	PAOZZ	4720-00-007-2256	1890-7	14555 .HOSE ASSEMBLY,NCNME CES,CET,CEU,CEV,CEW		EA 1
17	19	XBOOZ		115-284	01400 .ADAPTOR,UNION		EA 2
17	20	XBOZZ	5305-00-984-6216	MS35206-269	96906 .SCREW,MACHINE		EA 2
17	21	XBOZZ	5310-00-045-3296	MS35338-43	96906 .WASHER,LOCK CLAMP MTG		EA 2
17	22	XBOZZ	5310-00-809-8546	MS27183-8	96906 .WASHER,FLAT		EA 2
17	23	XBOZZ	6685-00-105-3344	13208E9128	97403 .INDICATOR,DIFFERENT CES,CET,CEU,CEV,CEW		EA 1
17	24	XBOZZ	4720-00-482-2404	H51636	01400 .TUBING,NON METALLIC		EA 1
17	25	XBOZZ		63Y11	01400 .CLAMP,HOSE		EA 1
17	26	XBOZZ	4820-00-554-8391	MS35785-4	96906 .COCK,DRAIN		EA 1
17	27	XBOZZ		SE1590	01400 .ELBOW,PIPE		EA 1
17	28	XBOZZ		115-264	01400 .SHELL ASSEMBLY		EA 1

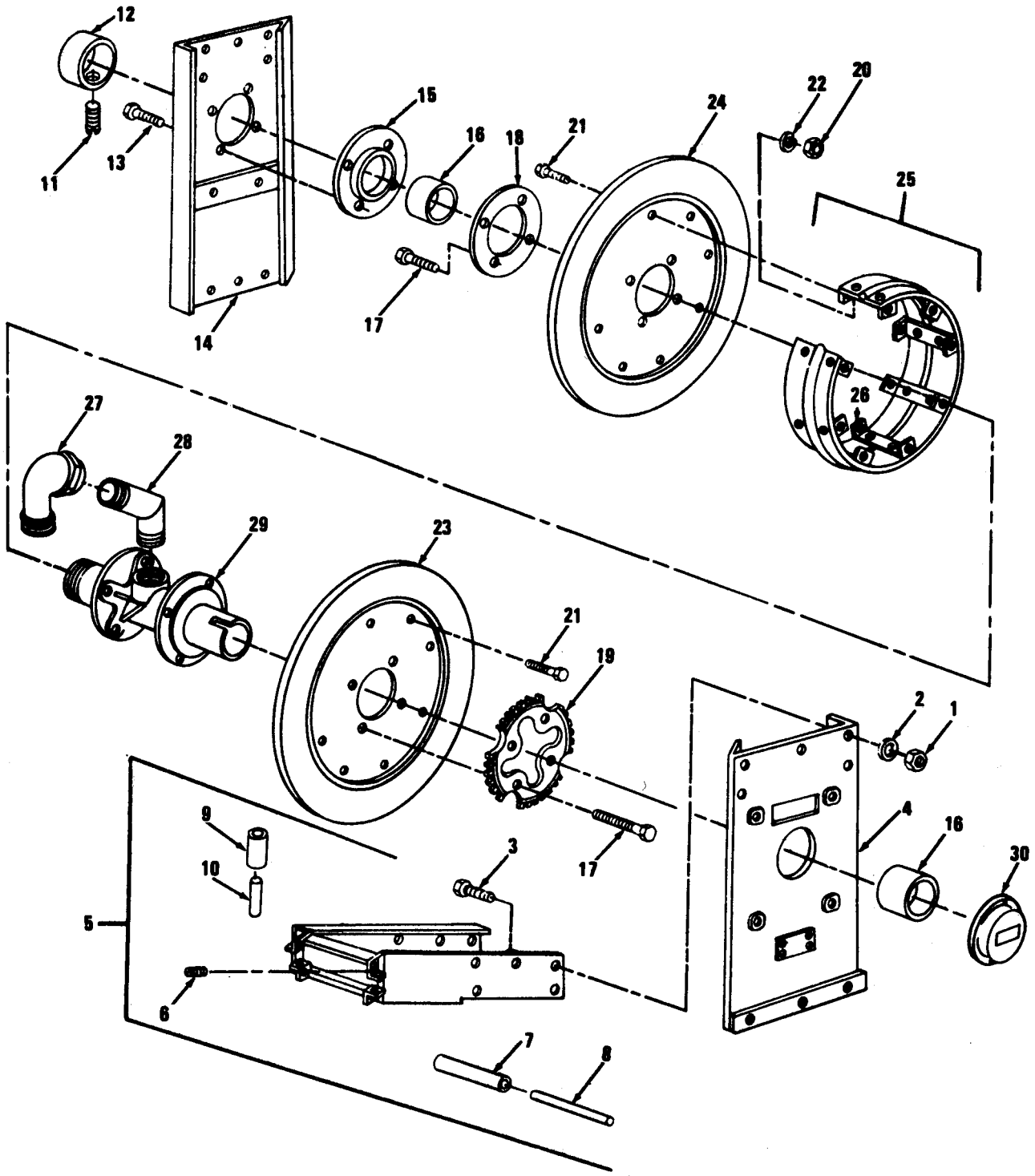
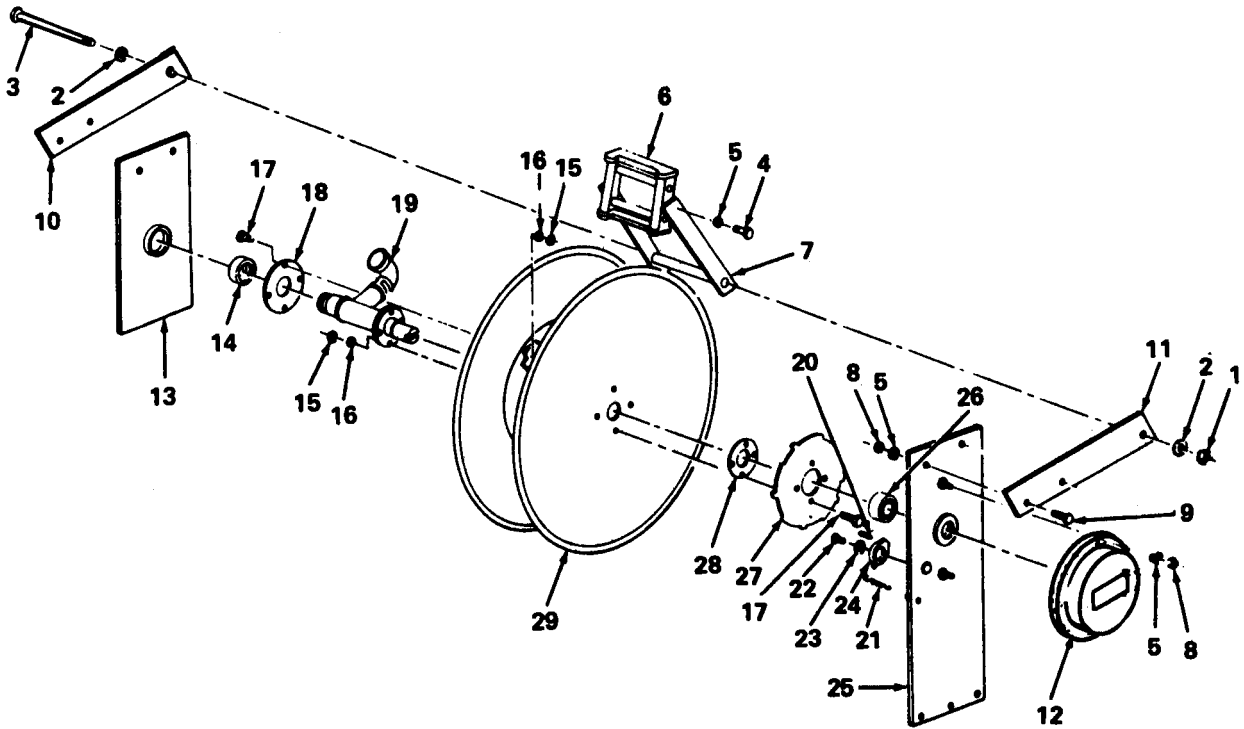


Figure 18. Hose Reel

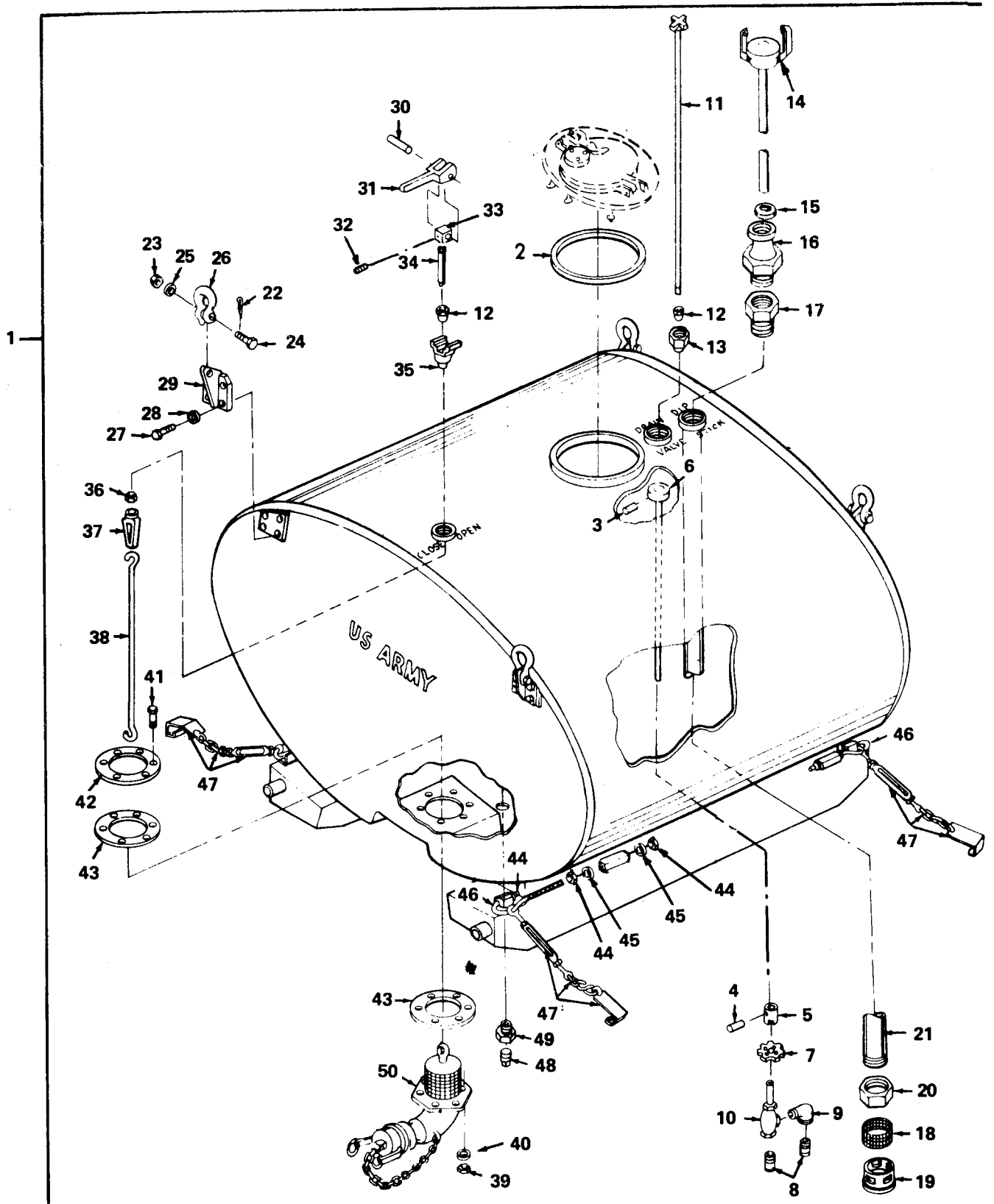
SECTION II		(2)	(3)	(4)	(5)	(6)		(7)	(8)
ILLUSTRATION									QTY
(A)	(B)	FEDERAL				DESCRIPTION			INC
FIG	ITEM	SMR	STOCK	PART	FSCM		USABLE ON CODE	U/M	IN
NO.	NO.	CODE	NUMBER	NUMBER					UNIT
18		PAOZZ	4930-00-735-4381	115-201	01400	REEL,FUELING HOSE		EA	1
18		PAOZZ	4930-00-735-4380	115-200	01400	REEL,FUELING HOSE		EA	1
18	1	PAOZZ	5310-00-732-0558	MS51967-8	96906	NUT,PLAIN,HEXAGON	GUIDE ASSEMBLY TO PLATE MTG	CES,CET,CEU CEX	EA 10
18	2	XBOZZ		120382	24617	WASHER,LOCK	BRACKET TO PLATE MTG	CES,CET,CEU,CEX	EA 10
18	3	PAOZZ	5305-00-269-3209	MS90725-58	96906	SCREW,CAP,HEXAGON	GIDE ASSEMBLY TO SIDE PLATE MTG	CES CET,CEU,CEX	EA 10
18	4	XBOZZ		115-215	01400	PLATE,RETAINING	INSIDE (U/U REEL ASSY,P/N 115-201 ONLY)		EA 1
								CES,CET,CEU,CEX	
18	5	XBOZZ	4930-00-110-3950	115-206	01400	GUIDE ASSEMBLY	HOSE GUIDE	CES,CET,CEU,CEX	EA 1
18	6	XBOZZ		531614SS	01400	.SETSCREW	HORIZONTAL AXLE RETAINING	CES,CET,CEU,CEX	EA 2
18	7	XBOZZ	4930-00-735-4377	115-58-2	01400	.ROLLER	HORIZONTAL	CES,CET,CEU,CEX	EA 2
18	8	XBOZZ	4930-00-735-4376	115-99-2	01400	.AXLE	HORIZONTAL	CES,CET,CEU,CEX	EA 2
18	9	XBOZZ	4930-00-735-4375	115-58-1	01400	.ROLLER,LUBRICATOR	VERTICAL	CES,CET,CEU,CEX	EA 2
18	10	XBOZZ	4930-00-735-4374	115-99-1	01400	.AXLE	VERTICAL	CES,CET,CEU,CEX	EA 2
18		XBOZZ		2025C	01400	.BEARING,BALL,GUIDE	ROLLER TO AXLE	CES,CET,CEU,CEX	EA 8
18	11	XBOZZ	5305-00-543-2671	MS51029-51	96906	SETSCREW	HUB CLAMP	CES,CET,CEU,CEX	EA 1
18	12	XBOZZ	3040-00-110-3951	C200	01400	CLAMP,HUB	HUB RETAINING	CES,CET,CEU,CEX	EA 1
18	13	PAOZZ	5305-00-269-3209	MS90725-58	96906	SCREW,CAP,HEXAGON	BEARING PLATE TO INSIDE PLATE MTG	CES CET,CEU,CEX	EA 4
18	14	XBOZZ		115-217	01400	PLATE,RETAINING	INSIDE (0/0 REEL ASSY,P/N 115-200 ONLY)		EA 1
								CES,CET,CEU,CEX	
18	15	XBOZZ	3110-00-718-9981	115-24	01400	PLATE	RETAINING	CES,CET,CEU,CEX	EA 1
18	16	XAOZZ		115-197	01400	BEARING,SLEEVE	HUB ASSEMBLY TO SPRING HOUSING AND TO SWIVEL		EA 2
								CES,CET,CEU,CEX	
18	17	PAOZZ	5305-00-269-3209	MS90725-58	96906	SCREW,CAP,HEXAGON	PLATE AND WHEEL TO FLANGE MTG	CES,CET CEU,CEX	EA 8
18	18	XBOZZ		115-57	01400	PLATE,FLANGE	INSIDE FLANGE REINFORCING	CES,CET,CEU,CEX	EA 1
18	19	XBOZZ	4930-00-871-2996	115-52L	01400	WHEEL,RACHET LH	(0/0 REEL ASSY,P/N 115-201 ONLY)	CES,CET CEU,CEX	EA 1
18	19	SBOZZ	3020-00-735-4378	115-52R	01400	WHEEL,RATCHET RH	(0/0 REEL ASSY,P/N 115-200 ONLY)	CES,CET CEU,CEX	EA 1
18	20	PAOZZ	5310-00-905-0762	MS51967-3	96906	NUT,PLAIN,HEXAGON	FLANGE TO SPINDLE MTG	CES,CET,CEU,CEX	EA 14
18	21	XBOZZ		MS32291-5	96906	SCREW,CAP,HEXAGON	FLANGE TO SPINDLE MTG	CES,CET,CEU,CEX	EA 14
18	22	PAOZZ	5310-00-582-5965	MS35338-25	96906	WASHER,LOCK	FLANGE TO SPINDLE MTG	CES,CET,CEU,CEX	EA 14
18	23	XBOZZ		115-54-2	01400	FLANGE	OUTSIDE	CES,CET,CEU,CEX	EA 1
18	24	XBOZZ		115-54-1	01400	FLANGE	INSIDE	CES,CET,CEU,CEX	EA 1
18	25	XBOZZ		115-211	01400	SPINDLE	SPA	CES,CET,CEU,CEX	EA 1
18	26	XAOZZ		115-212	01400	.CLIP	SPINDLE SPA	CES,CET,CEU,CEX	EA 1
18	27	XBOZZ		115-42	01400	COUPLING HALF,QUICK	MALE ELBOW	CES,CET,CEU,CEX	EA 1
18	28	XBOZZ	4730-00-735-4386	115-93	01400	ELBOW,FLUID COUPLING	HUB TO ELBOW	CES,CET,CEU,CEX	EA 1
18	29	XBOZZ	4930-00-735-4370	115-29	01400	HUB	ASSEMBLY	CES,CET,CEU,CEX	EA 1
18		XBOZZ		115-15-1	01400	PLATE	WARNING HOSE REEL SPRING	CES,CET,CEU,CEX	EA 1
18		XBOZZ		115-154	01400	PLATE	HOSE REEL	CES,CET,CEU,CEX	EA 1
18	30	XBOZZ		115-233	01400	SPRING ASSEMBLY,	LH REEL	CES,CET,CEU,CEX	EA 1



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Figure 19. Fueling Hose Reel

SECTION II		(2)	(3)	(4)	(5)	(6)		(7)	(8)
ILLUSTRATION									QTY
(A)	(B)	FEDERAL				DESCRIPTION			INC
FIG	ITEM	STOCK		PART					IN
NO.	NO.	NUMBER		NUMBER	FSCM		USABLE ON CODE	U/M	UNIT
19		XBFZZ		43200LH	82366	REEL,ASSEMBLY		EA	1
19		XBFZZ		43200-31-RH	82366	REEL ASSEMBLY		EA	1
19	1	PAOZZ	5310-00-282-7818	AN924-5	88044	NUT,PLAIN,HEXAGON	CES,CET,CEU,CEV,CEW	EA	1
19	2	XBOZZ		47727	82366	WASHER	CES,CET,CEU,CEV,CEW	EA	1
19	3	XBOZZ	5305-00-019-3497	193497	21460	SCREW,CAP,HEXAGON H	CES,CET,CEU,CEV,CEW	EA	1
19	4	PAOZZ	5305-00-269-3211	MS90725-60	96906	SCREW,CAP	CES,CET,CEU,CEV,CEW	EA	1
19	5	PAOZZ	5320-00-080-6004	MS27183-14	96906	WASHER,FLAT	CES,CET,CEU,CEV,CEW	EA	1
19	6	XBOZZ	4930-00-190-9859	43294	82366	GUIDE ASSEMBLY HOSE RULLER	CEV,CEW	EA	1
19	7	XBOZZ		43290	82366	BRACKET GUIDE ASSY	CEV,CEW	EA	1
19	8	PAOZZ	5305-00-269-3219	MS90725-69	96906	SCREW,CAP,HEXAGON	CES,CET,CEU,CEV,CEW	EA	1
19	9	PAOZZ	5305-00-269-3211	MS90725-60	96906	SCREW,CAP	CES,CET,CEU,CEV,CEW	EA	1
19	10	XBOZZ		43295	82366	PLATE,MOUNT,BRACKET RH SIDE OF BRACKETS TO SIDE PLATE MTG	CEV,CEW	EA	1
19	11	XBOZZ		43299	82366	PLATE,MOUNT,BRACKET INSIDE OF BRACKETS TO SIDE PLATE MTG	CEV,CEW	EA	1
19	12	XBOZZ	5360-00-007-9943	43272-IL	82366	SPRING,SPIRAL,TORSI (O/O REEL ASSY,P/N 43200LH ONLY)	CEV CEW	EA	1
19	12	XBOZZ		43272-IR	82366	SPRING ASSEMBLY (O/O REEL ASSY,P/N 43200RH ONLY)	CEV,CEW	EA	1
19	13	XBOZZ	3110-00-216-1200	43296L	82366	PLATE,RETAINING INNER REEL MTG (O/O REEL ASSY,P/N 4320 OLH ONLY)	CEV,CEW	EA	1
19	13	XBOZZ		43296R	82366	PLATE,RETAINING INNER REEL MTG (O/O REEL ASSY,P/N 4320 CRM ONLY)	CEV,CEW	EA	1
19	14	XBOZZ	3120-00-007-3046	277PS	82366	BEARING,SLEEV SHAFTER, INNER	CEV,CEW	EA	1
19	15	PAOZZ	5310-00-732-0558	MS51967-8	96906	NUT,PLAIN,HEXAGON	CES,CET,CEU,CEV,CEW	EA	8
19	16	PAOZZ	5310-00-637-9541	MS35338-46	96906	WASHER,LOCK	CES,CET,CEU,CEV,CEW	EA	8
19	17	PAOZZ	5305-00-269-3209	MS90725-58	96906	SCREW,CAP,HEX.HEAD	CES,CET,CEU,CEV,CEW	EA	8
19	18	XBOZZ		43277	82366	PLATE SPOOL REINFORCING	CEV,CEW	EA	1
19	19	XBOZZ		43260-IL	82366	HUB ASSEMBLY (O/O REEL ASSY,P/N 43200LH ONLY)	CEV,CEW	EA	1
19	19	XBOZZ		43260-IR	82366	HUB ASSEMBLY (O/O REEL ASSY,P/N 43200RH ONLY)	CEV,CEW	EA	1
19	20	XBOZZ		230P107	82366	PIN PAWL SPRING WELDMENT TO SIDE PLATE	CEV,CEW	EA	1
19	21	XBOZZ	5360-00-007-9945	43281	82366	SPRING PAWL TO PIN	CEV,CEW	EA	1
19	22	XBOZZ		1P145	82366	SCREW,MACHINE	CEV,CEW	EA	1
19	23	XBOZZ		47727	82366	WASHER,FLAT SPECIAL,SCREW TO PAWL MTG	CEV,CEW	EA	1
19	24	XBOZZ		43279	82366	PAWL WELDMENT TO SIDE PLATE	CEV,CEW	EA	1
19	25	XBOZZ		43297L	82366	PLATE,RETAINING OUTER,REEL MTG (O/O REEL ASSY,P/N 4320 ONLY)	CEV,CEW	EA	1
19	25	XBOZZ		43297R	82366	PLATE,RETAINING OUTER,REEL MTG (O/O REEL ASSY,P/N 4320 ONLY)	CEV,CEW	EA	1
19	26	XBOZZ	3110-00-491-1494	40005	82366	BEARING,ROLLER SHAFT,OUTER		EA	1
19	27	XBOZZ		43292	82366	WHEEL,RATCHET	CEV,CEW	EA	1
19	28	XBOZZ		43284-1	82366	PLATE,SPA	CEV,CEW	EA	1
19	29	XBOZZ		43285	82366	SPOOL ASSEMBLY		EA	1



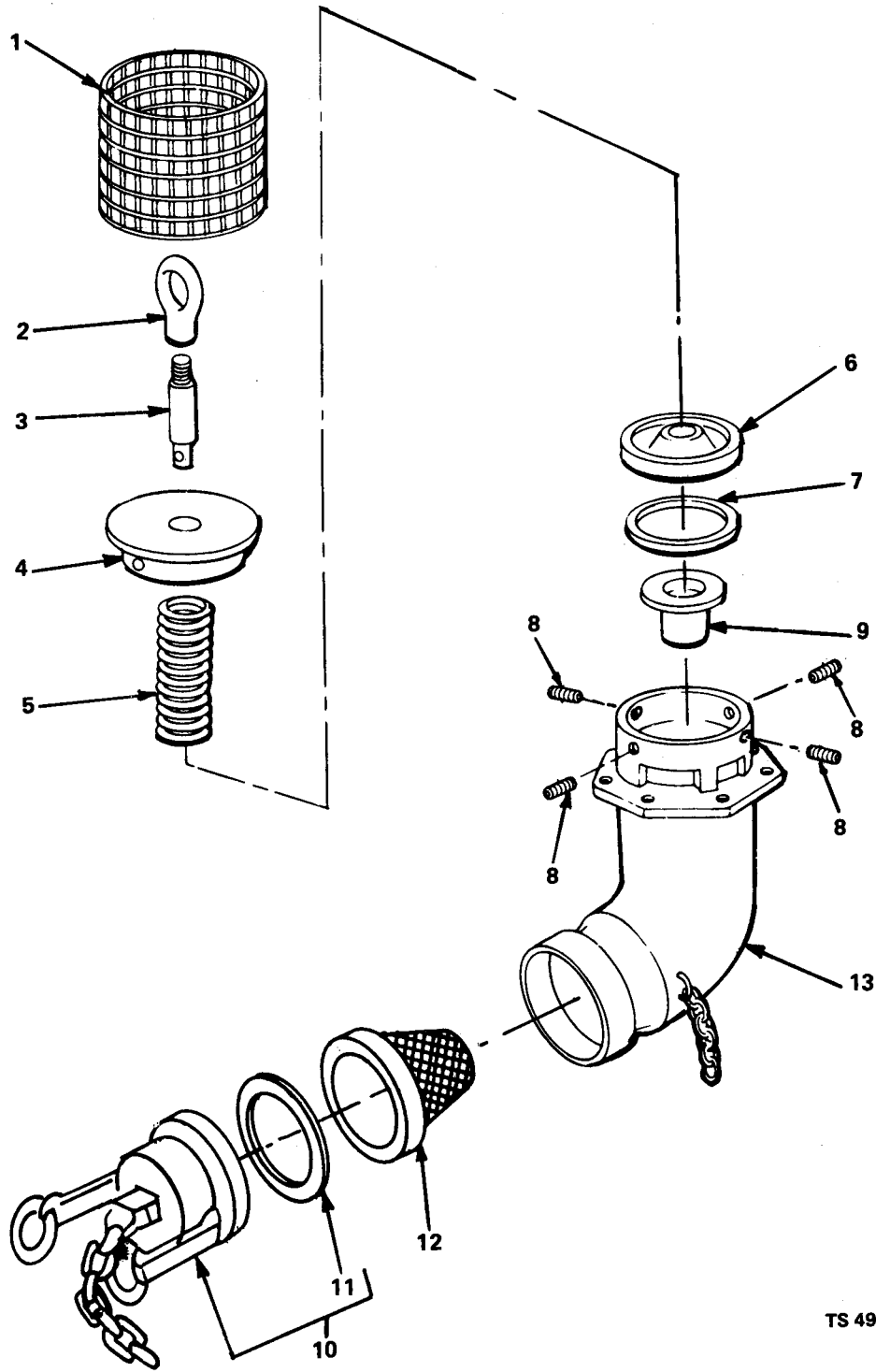
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Figure 20. Storage Tank

SECTION II		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION									
(A)	(B)		FEDERAL			DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART				INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM		USABLE ON CODE	IN	
								UNIT	
GROUP 02 TANK ASSEMBLY									
20	1	XBOZD	5430-00-585-2529	T2000	17807	TANK, LIQUID STORAGE FOR PETROLEUM PRODUCTS, HORIZONTAL, W/SKIDS, 600 GALLON CAPACITY		EA	2
20	2	PAOZZ	5330-00-930-8596	113-13	01400	.GASKET MANHOLE COVER		EA	1
20	3	PAOZZ	5305-00-809-9385	MS51021-60	96906	.SETSCREW DRAIN VALVE		EA	1
20	4	PAOZZ	5315-00-200-3183	MS16562-240	96906	.PIN, STRAIGHT DRAIN VALVE		EA	1
20	5	XBOZZ	5430-00-186-3187	113-16	01400	.KEY DRAIN VALVE DRAIN VALVE		EA	1
20	6	XBOZZ	3040-00-794-6954	113-17	01400	.COLLAR DRAIN VALVE OPERATING ROD		EA	1
20	7	XBOZZ	5430-00-255-0655	113-55	01400	.HANDLE, DRAIN VALVE		EA	1
20	8	PAOZZ	4730-00-196-2058	74639A	00742	.NIPPLE, PIPE DRAIN VALVE		EA	2
20	9	PAOZZ	4730-00-595-0141	WWP460	81348	.ELBOW, PIPE DRAIN VALVE		EA	1
20	10	XBOZZ	4820-00-422-9859	113-56	01400	.VALVE, DRAIN		EA	1
20	11	XBOZZ	5430-00-110-4022	113-15	01400	.ROD ASSEMBLY DRAIN VALVE		EA	1
20	12	PAOZZ	5310-00-794-6971	113-8	01400	.NUT, PACKING DRAIN VALVE CONTROL		EA	2
20	13	XBOZZ	5430-00-794-6953	113-18	01400	.SUPPORT DRAIN VALVE OPERATING ROD		EA	1
20	14	XBOZZ		113-99	01400	.GAGE ASSEMBLY, STICK		EA	1
20	15	PAOZZ	5330-00-360-0595	MS27030-5	96906	.GASKET DIPSTICK CAP		EA	1
20	16	XBOZZ	4730-00-360-0589	MS27022-9	96906	.COUPLING HALF, QUICK MALE DIPSTICK		EA	1
20	17	XBOZZ		113-99-7	01400	.BUSHING, PIPE DIPSTICK		EA	1
20	18	XBOZZ	5430-00-794-6952	113-47	01400	.SCREEN STRAINER PUMP PORT INTAKE		EA	1
20	19	XBOZZ		113-48	01400	.CASTING PUMP PORT INTAKE STRAINER		EA	1
20	20	XBOZZ		NA2	01400	.NUT, CONDUIT		EA	
20	21	PBOZZ	4710-01-201-7086	113-20-1	01400	.TUBE, METAL PUMP FRONT		EA	1
20	22	PAOZZ	5315-00-845-7787	MS24665-289	96906	.PIN, COTTER LIFTING EYE		EA	4
20	23	PAOZZ	5310-00-763-8921	MS51967-23	96906	.NUT, CASTALLATED LIFTING EYE SCREW		EA	4
20	24	PAOZZ	5305-00-161-0698	MS51105-464	96906	.SCREW, CAP, HEXAGON LIFTING EYE		EA	4
20	25	PAOZZ	5310-00-809-8533	MS27183-23	96906	.WASHER, FLAT LIFTING EYE SCREW		EA	4
20	26	XBOZZ	5340-00-400-7607	113-21	01400	.EYE, LIFTING		EA	4
20	27	PAOZZ	5305-00-071-2066	MS90728-109	96906	.BOLT, MACHINE LIFTING BRACKET MTG		EA	16
20	28	PAOZZ	5310-00-809-5998	MS27183-18	96906	.WASHER, FLAT LIFTING BRACKET MTG		EA	16
20	29	XBOZZ		133-22	01400	.BRACKET, LIFT RING		EA	4
20	30	PAOZZ	5315-00-753-3895	MS16562-256	96906	.PIN, SPRING CAM LEVER		EA	1
20	31	XBOZZ	5430-00-110-4020	113-5-1	01400	.LEVER, ANNUAL CONTRO DISCHARGE VALVE CONTROL		EA	1
20	32	PBFZZ	5305-00-543-2671	MS51029-51	96906	.SETSCREW		EA	1
20	33	PBFZZ	5430-00-110-4019	13217E7090	97403	.ADAPTOR, LEVER ROD		EA	1
20	34	XBOZZ	5340-01-037-8739	13217E7087	97403	.ROD END, THREADED VALVE OPERATING LEVER		EA	1
20	35	XBOZZ	5430-00-794-6956	113-5-2	01400	.SUPPORT DISCHARGE VALVE CONTROL CAM LEVER		EA	1
20	36	PAOZZ	5310-00-897-6082	MS35691-36	96906	.NUT, PLAIN, HEXAGON TURNBUCKLE		EA	1
20	37	XBOZZ	5340-00-794-6957	113-5-3	01400	.TURNBUCKLE OPERATING ROD TO LIFT		EA	1
20	38	XBOZZ	5430-00-186-3188	113-7	01400	.ROD LIFT DISCHARGE VALVE DISCHARGE VALVE		EA	1

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		FEDERAL STOCK NUMBER		PART NUMBER	FSCM	DESCRIPTION	QTY INC IN
FIG NO.	ITEM NO.	SMR CODE	STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M UNIT
20	39	PAOZZ	5310-00-225-6993	MS51922-33	96906	.NUT,PLAIN,HEXAGON DISCHARGE VALVE MTG	EA
20	40	PAOZZ	5310-00-584-5272	MS35338-48	96906	.WASHER,LOCK SUMP RING	EA
20	41	XBOZZ	5305-00-071-1769	MS90725-115	96906	.SCREW,CAP,HEXAGON SUMP RING	EA
20	42	XBOZZ		113-25	01400	.RING,SUMP	EA 1
20	43	XBOZZ		113-26	01400	.GASKET DISCHARGE VALVE	EA 2
20	44	PAOZZ	5310-00-269-4040	MS51922-49	96906	.NUT,SELF-LOCING DRAG LINK MTG	EA 12
20	45	PAOZZ	5310-00-013-0998	BEBX2G1	19207	.WASHER,FLAT DRAG LINK MTG	EA 8
20	46	XBOZZ	5340-00-794-6970	113-23	01400	.LOOP DRAG	EA 4
20	47	PAOZZ	5340-00-185-6829	113-28	01400	.TIE-DOWN ASSEMBLY TANK CELL	EA 4
20	48	XBOZZ		13663	01400	.PLUGPIPE TANK BOTTOM	EA 1
20	49	XBOZZ	4730-00-142-2532	MS5187-23Z	96906	.BUSHING,PIPE TANK BOTTOM	EA 1
20	50	XBOZZ		380AM	79515	.VALVE ASSEMBLY	EA 1

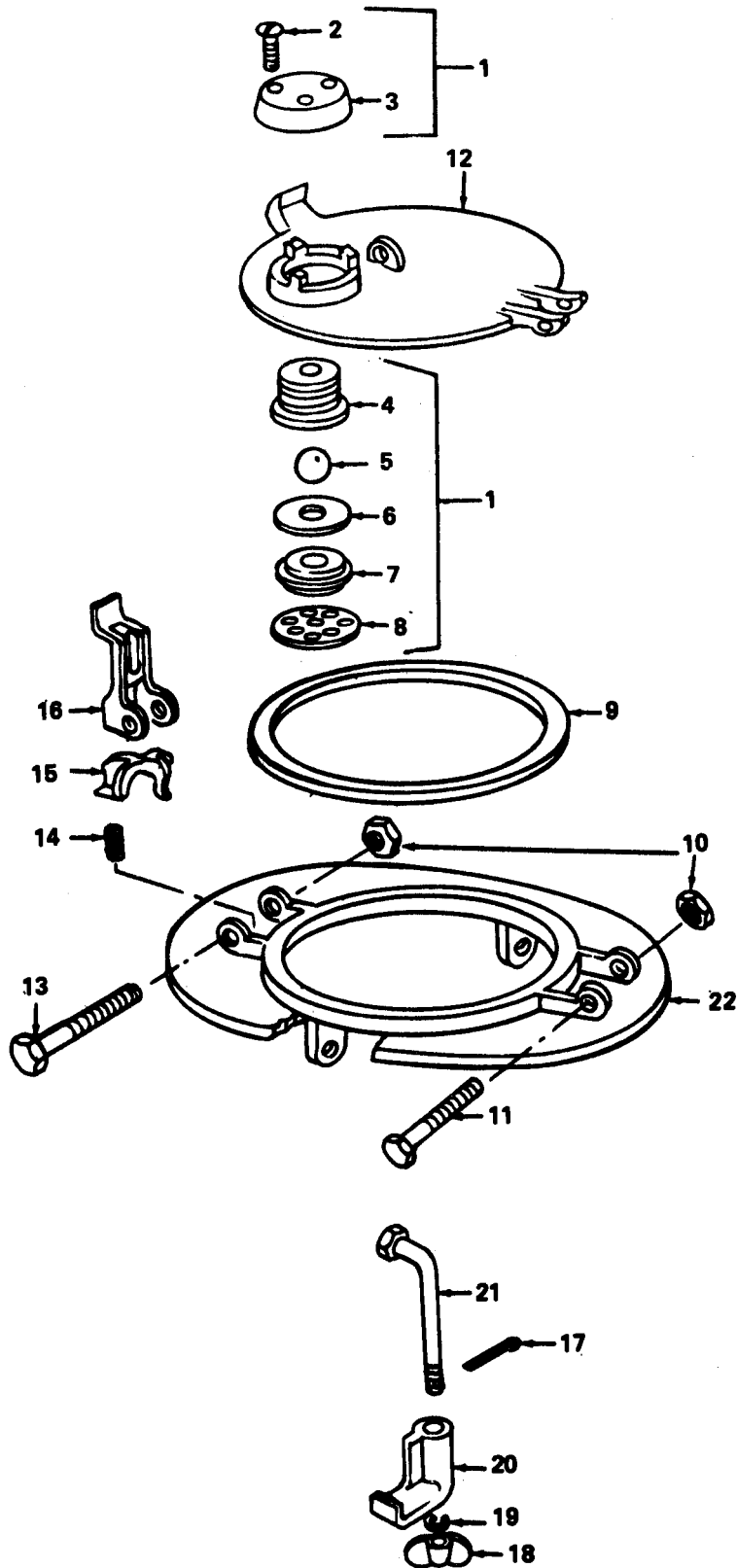


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Figure 21. Discharge Valve

SECTION II

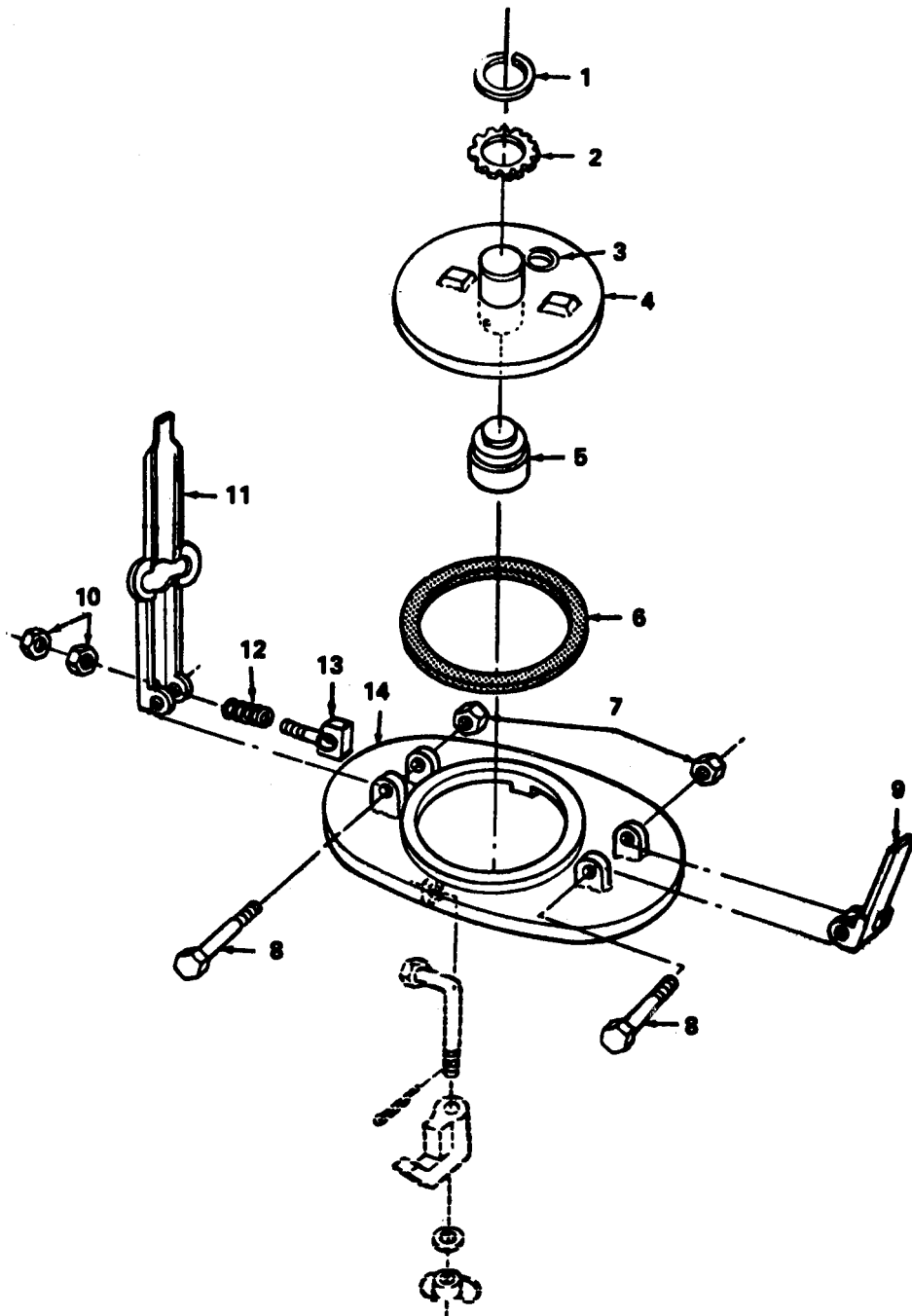
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		FEDERAL STOCK		DESCRIPTION		QTY INC IN	
FIG NO.	ITEM NO.	SMR CODE	STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M UNIT
21		XBOZZ		380AM	79515	.VALVE ASSEMBLY	EA 1
21	1	XBOZZ		P420	79515	..SCREEN DISCHARGE VALVE	EA 1
21	2	XBOZZ		A6C9	79515	..BALE, PLUNGER	EA 1
21	3	XBOZZ		AP425A	79515	..STEM VALVE PLUNGER	EA 1
21	4	XBOZZ		AP402A	79515	..BONNET	EA 1
21	5	XBOZZ		P414	79515	..SPRING, PLUNGER	EA 1
21	6	XBOZZ		AP404	79515	..DISC HOLDER, PLUNGER	EA 1
21	7	XBOZZ		P431	79515	..DISC VALVE PLUNGER	EA 1
21	8	PAOZZ	5305-00-817-6139	1S51021-56	96906	..SETSCREW	EA 4
21	9	XBOZZ		AP403	79515	..NUT, PLUNGER, DISC RETAINER	EA 1
21	10	XBOZZ	5340-00-823-5318	MS27C28-11	96906	..CAP, PROTECTIVE, DUST OUTLET	EA 1
21	11	PAOZZ	5310-00-612-2414	MS27030-6	96906	..GASKET DUST CAP	EA 1
21	12	XBFZZ		P4448	79515	..SCREEN ASSEMBLY	EA 1
21	13	XAOZZ		P401-2E	79515	..BODY, VALVE	EA 1



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Figure 22. Tank Manhole Cover

SECTION II						TM10-4930-204-23P			
(1)	(2)	(3)	(4)	(5)	(6)			(7)	(8)
ILLUSTRATION									
(A)	(B)	FEDERAL			DESCRIPTION				QTY
FIG	ITEM	STOCK	PART						INC
NO.	NO.	NUMBER	NUMBER	FSCM			USABLE ON CODE	U/M	IN
									UNIT
22		XBOZZ		FX1097-8A	12713	.COVER ASSEMBLY MANHOLE (INTERCHANGEABLE WITH MANHOLE COVER ASSEMBLY P/N 113-70 AS AN ASSY ONLY)		EA	1
22	1	XBOZZ	5430-09-794-0950	113-71	01400	..VENT ASSEMBLY MANHOLE COVER		EA	1
22	2	XBOZZ	5305-00-050-9227	MS51957-61		...SCREW,MACHINE VENT TOP COVER		EA	3
22	3	XAOZZ		113-59	01400	...COVER VENT TOP		EA	1
22	4	XAOZZ		113-34	01400	...BODY,VENT		EA	1
22	5	XAOZZ		54-11-35-14		...BALL VENT,STEEL		EA	1
22	6	XAOZZ		113-45	01400	...DISC VENT		EA	7
22	7	XAOZZ		113-57	01400	...SPRING VENT CES,CET,CEU,CEV		EA	1
22	8	XAOZZ		113-58	01400	...COVER VENT BOTTOM		EA	1
22	9	PAOZZ	5330-00-794-6948	113-52	01400	..GASKET COVER		EA	1
22	10	XBOZZ		1020-36435-4		..NUT,SELF-LOCKING		EA	2
22	11	XBOZZ	5306-00-932-0962	1097-3	12713	..BOLT,MACHINE		EA	1
22	12	XBOZZ	4930-00-856-3930	113-51	01400	..COVER INCLUDES POSSIBLE PLUG		EA	1
22	13	XBOZZ	5306-00-932-0902	1097-8	12718	..BOLT,MACHINE		EA	1
22	14	XBOZZ		113-67	01400	..SPRING,HELICAL		EA	1
22	15	XBOZZ	5340-00-139-1607	113-66	01400	..LOCK,LATCH		EA	1
22	16	XBOZZ	5340-00-189-7544	113-65	01400	..LATCH		EA	1
22	17	PAOZZ	5315-00-059-0140	MS24665-73	96906	..PIN,COTTER		EA	6
22	18	PAOZZ	5310-00-732-5278	887-23C	12713	..NUT,PLAIN,WING		EA	6
22	19	XBOZZ	5310-00-407-9566	MS35338-45	96906	..WASHER,LOCK MANHOLE COVER MTG		EA	6
22	20	XBOZZ		113-61	01400	..PLUG,CLAMP RETAINER MTG		EA	6
22	21	XBOZZ		113-62	01400	..BOLT MANHOLE COVER RETAINING		EA	6
22	22	XBOZZ		113-10	01400	..COVER,MANHOLE		EA	1



TS 4930-204-23P/23

Figure 23. Tank Manhole Cover

SECTION II		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(1)	ILLUSTRATION							
(A)	(B)	FEDERAL				DESCRIPTION		QTY
FIG	ITEM	SMR	STOCK	PART	FSCM		USABLE ON CODE	INC
NO.	NO.	CODE	NUMBER	NUMBER				IN
								UNIT
23		XBOZZ		113-70	01400	COVER ASSEMBLY,MANHOLE		EA 1
23	1	XBOZZ		997R-6	12718	.SPRING,RETAINER		EA 1
23	2	PAOZZ	5310-00-692-9744	887-7	12718	.WASHER,SPRING		EA 1
23	3	XBOZZ	5340-00-345-4838	FX887-11	12713	.PLUG,FUSIBLE		EA 1
23	4	XBOZZ		FX997-2	12726	.COVER INCLUDES FUSIBLE PLUG		EA 7
23	5	XBOZZ		37	12713	.VENT,TRIPLEX		EA 1
23	6	PAOZZ	5330-00-794-6947	FX997-12	12713	.GASKET COVER		EA 1
23	7	XBOZZ		S4-11-35-124677		.NUT,PLAIN,HEXAGON HINGE AND HANDLE		EA 2
23	8	PAOZZ	5306-00-932-0962	1097-8	12713	.BOLT,MACHINE HINGE AND CAM		EA 2
23	9	XBOZZ		1097-4	12713	.CAM CLOSING		EA 1
23	10	XBOZZ		1097-58	12713	.NUT,PLAIN,HEXAGON HINGE ADJUSTING		EA 2
23	11	XBOZZ		1097-3	12713	.LATCH		EA 1
23	12	XBOZZ		1097-5C	12713	.SPRING HINGE ADJUSTING		EA 1
23	13	XBOZZ		1097-5A	12713	.BOLT,EYE HINGE ADJUSTING		EA 1
23	14	XBOZZ		1097S-1	12713	.COVER,MANHOLE		EA 1

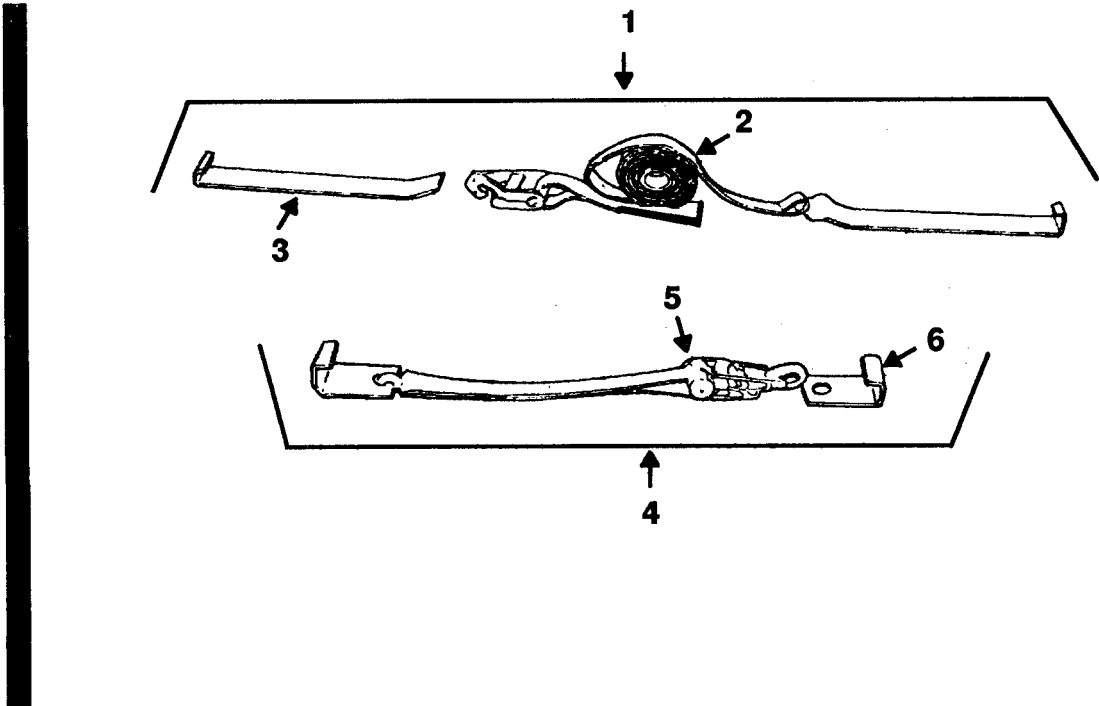


Figure 24. Tank and Pump Unit Vertical Tiedown Strap Assembly

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	FEDERAL			DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN	
							UNIT	
24		XBOZZ		5-14-514-7	97403	KIT,TIE DOWN,ROUGHT PUMP AND TANK	EA	1
24	1	PAOZZ	5340-00-444-7462	5-14-514-8	97403	.TIE DOWN ASSEMBLY TANK	EA	4
24	2	PAOZZ	4930-01-037-0507	5-14-514-8-4	97403	..STRAP ASSEMBLY,TIE	EA	1
24	3	PAOZZ	5340-00-445-7117	5-14-514-8-1	97403	..CLIP,TANK,TIE DOWN	EA	2
24	4	PAOZZ	5340-00-185-6830	5-14-514-9	97403	.TIE DOWN ASSEMBLY PUMP	EA	1
24	5	PAOZZ	5340-00-185-6828	5-14-514-9-4	97403	..WEBBING,WITH BOTTOM	EA	1
24	6	PAOZZ	5340-00-483-0646	5-14-514-9-1	97403	..CLIP, TOP,PUMP TIE	EA	1
24		XBOZZ		FEDSPEC O-E-915	81348	EXTINGUISHER	EA	1

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
4720-00-007-2256	17	18	5940-00-143-4777	12E	7
3120-00-007-3046	19	14	5940-00-143-4780	12C	32
5935-00-007-9202	15	32		12C	39
5360-00-007-9943	19	12	2805-00-143-6657	3	14
5360-00-007-9945	19	21	5305-00-161-0698	20	24
5305-00-008-7935	6	14	5315-00-168-6443	15	13
4730-00-010-3867	1	18	5330-00-171-4827	17	6
4730-00-011-3178	12	7	5305-00-173-0133	1	12
5310-00-012-0214	1	26	5340-00-185-6828	24	5
5310-00-012-0384	13	22	5340-00-185-6829	20	47
5310-00-013-0998	20	45	5340-00-185-6830	24	4
5310-00-014-5850	12C	5	5430-00-186-3187	20	5
5305-00-019-3497	19	3	5430-00-186-3188	20	38
2940-00-021-0587	1	4	5340-00-189-1544	22	16
5305-00-042-0461	9	11	5340-00-189-1607	22	15
4730-00-042-6313	1	31	4930-00-190-9859	19	6
5315-00-043-1787	12D	31	4720-00-191-6780	16	7
5305-00-044-4153	13	6	4930-00-191-7011	13	18
5310-00-044-6548	16	19	4930-00-191-7013	13	19
5310-00-045-3296	17	21	5310-00-193-7577	12C	19
5310-00-045-3299	12C	16	5310-00-194-9211	6	12
	14	24	4730-00-196-2058	20	8
5340-00-050-1591	1	30	5315-00-200-3188	20	4
5305-00-050-9227	22	2	4730-00-203-1010	15	36
5305-00-052-5925	12D	26		16	25
5315-00-059-0140	22	17	5310-00-205-7981	9	31
5305-00-071-1769	20	41	5306-00-206-1071	9	2
5305-00-071-2066	20	27	5306-00-207-9152	1	1
4930-00-072-6700	17	10		2	15
5310-00-080-6004	12B	15	5306-00-207-9158	8	5
	12E	11	5310-00-209-0786	7	2
	19	5	3110-00-216-1200	19	13
5310-00-081-4219	12E	3	5330-00-217-3489	9	10
5310-00-087-4652	13	1	5310-00-221-3153	9	15
	13	7	4930-00-224-7517	12	2
	16	18	5360-00-224-8188	3	5
2910-00-099-5639	8	26	5340-00-225-2955	8	7
6685-00-105-3344	17	23	5305-00-225-3839	7	3
4930-00-110-3950	18	5		7	13
3040-00-110-3951	18	12	5310-00-225-6993	13	4
5430-00-110-4019	20	33		20	39
5430-00-110-4020	20	31	5306-00-225-8503	12E	4
5430-00-110-4022	20	11	5305-00-225-9098	12D	21
5940-00-114-1305	12C	36	5306-00-226-4825	2	10
	12C	48	4320-00-232-5428	12	5
5940-00-114-1306	12C	35	4730-00-246-9219	7	10
	12C	44	5305-00-253-5618	12A	13
4930-00-119-0452	15	23	5430-00-225-0655	20	7
4730-00-142-2532	20	49	5360-00-256-7147	6	8
5940-00-143-4774	12C	40	5330-00-263-8015	12D	19

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5315-00-265-9197	6	9	5330-00-360-0595	12A	8
4730-00-268-7479	12D	39		13	12
5305-00-269-3209	18	3		15	37
	18	13		16	
	18	17		16	
	19	17		16	5
5305-00-269-3211	19	4		20	15
	19	9	4940-00-360-0710	7	4
5305-00-269-3213	16	20	2910-00-368-6657	8	31
5305-00-269-3214	10	17	2805-00-376-0395	5	6
5305-00-269-3214	13	3	5340-00-376-0416	1	14
5305-00-269-3214	13	9	2805-00-376-0418	4	1
5305-00-269-3216	8	16	2990-00-383-9339	6	1
5305-00-269-3219	19	8	2990-00-389-6412	7	7
5305-00-269-3233	12C	25	5340-00-400-7607	20	26
5305-00-269-3234	12B	8	4210-00-404-0650	16	6
5310-00-269-4040	17	1	4720-00-407-6415	16	9
	20	44	4930-00-407-6467	1	3
2805-00-270-3429	3	17	5310-00-407-9566	12E	2
5315-00-273-7846	6	3		22	19
5310-00-274-9337	17	7	2990-00-422-6161	5	1
2805-00-277-2918	3	12	4820-00-422-9859	20	10
5305-00-281-6387	9	8	5340-00-444-7462	24	1
5330-00-282-7557	8	30	5340-00-445-7117	24	3
5330-00-282-7597	8	32	5330-00-447-9260	1	7
5310-00-282-7818	19	1	4710-00-447-9287	8	24
5940-00-283-5281	12C	29	2805-00-448-1050	3	16
5310-00-285-1591	9	29	4720-00-482-2404	17	24
5310-00-285-8538	1	13	5306-00-482-4405	17	12
5340-00-290-4504	12D	36	4930-00-482-5928	13	23
5340-00-290-4521	12D	37	5340-00-483-0646	24	6
5310-00-290-5759	2	3	4710-00-483-0910	13	14
5330-00-291-3080	10	9	5310-00-489-6053	6	15
2920-00-293-5212	8	22	3110-00-491-1494	19	26
2805-00-301-2940	3	13	5305-00-498-6805	9	37
2805-00-301-6336	2	12		14	37
3040-00-301-6374	3	6	2990-00-511-7629	3	11
5340-00-345-4838	23	3	5305-00-543-2419	12E	12
2920-00-349-3887	9	43	5305-00-543-2671	18	11
5305-00-351-6484	4	2		20	32
2805-00-353-5849	2	17	5330-00-551-3963	12D	28
5330-00-356-0940	2	19	4820-00-554-8391	17	26
5306-00-356-0965	3	4	2805-00-555-2119	2	
2910-00-358-4316	8	27	5940-00-557-1629	12E	6
2910-00-358-4317	8	28	5940-00-557-4345	12C	43
2910-00-358-4516	1	9		12C	47
2910-00-368-5327	8	29	4930-00-563-3666	13	24
4730-00-359-5631	16	23	4720-00-563-4688	16	16
5307-00-360-0579	12	6	5310-00-576-5752	12C	4
4730-00-360-0589	20	16	5975-00-577-8825	15	

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5320-00-582-3276	12E	14		8	17
	12C	14		12	1
	18	22		12B	13
5310-00-584-5272	20	40		12E	9
5430-00-585-2529	20	1		18	1
4730-00-595-0141	20	9		19	15
5310-00-612-2414	12A	3	5310-00-732-0560	12D	16
	16		5310-00-732-6278	22	18
	16	14	4730-00-735-4368	17	4
	21	11	4930-00-735-4370	18	29
5330-00-612-2414	12D	2	4930-00-735-4371	14	
2805-00-620-0156	3	18	4930-00-735-4374	18	10
2920-00-620-0291	9	1	4930-00-735-4375	18	9
5310-00-627-6128	7	12	4930-00-735-4376	18	8
	8	13	4930-00-735-4377	18	7
	8	18	3020-00-735-4378	18	19
	12A	11	4930-00-735-4380	18	
	13	8	4930-00-735-4381	18	
5310-00-637-1058	6	2	4730-00-735-4384	16	21
5305-00-637-1119	10	4	4730-00-735-4386	18	28
	12D	11	4730-00-735-4388	16	12
5310-00-637-9541	1	2	4730-00-735-4389	16	15
	1	20	4730-00-735-4390	16	11
	5	4	5999-00-735-4393	14	18
	13	2	4930-00-735-4402	12	5
	19	16	4930-00-735-4403	12	4
4730-00-649-9100	12A	9	5330-00-735-4404	12	3
	12D	1	5330-00-735-4405	12	10
5977-00-650-8961	14		4320-00-735-4406	12	
3120-00-661-8942	3	21	5330-00-735-4439	8	15
4940-00-672-4771	15		5330-00-735-4454	13	16
2805-00-672-9509	2	1	6680-00-740-0071	1	17
3020-00-672-9510	9	7	4730-00-740-3354	8	
5920-00-675-4952	14	40	4730-00-741-0349	8	25
5310-00-675-5755	2	11	5315-00-753-3895	20	30
5310-00-692-9744	23	2	5310-00-763-8921	20	23
2805-00-695-2177	3	19	4210-00-775-0127	24	
5365-00-712-5972	12D	24	2805-00-776-0512	3	20
5330-00-712-7730	12D	22	2805-00-776-8151	2	27
5310-00-712-7731	12D	25	5305-00-782-9489	8	20
4720-00-718-6020	16			12A	10
2990-00-718-6022	5	7	2920-00-786-5626	9	16
4720-00-718-6023	16	13	2805-00-790-7778	1	16
4720-00-718-6024	16		2805-00-790-7786	1	28
4720-00-718-6027	16		2920-00-790-8746	9	
3110-00-718-9981	18	15	5330-00-792-6213	12D	14
4730-00-721-9639	12D	4	2805-00-792-9761	3	23
2805-00-722-3922	8	23	5330-00-794-6947	23	6
5310-00-723-2737	12C	8	5330-00-794-6948	22	9
5310-00-732-0558	8	12	5430-00-794-6950	22	1

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5430-00-794-6952	20	18	5310-00-934-9757	12C	3
5430-00-794-6953	20	13		12C	15
3040-00-794-6954	20	6	5310-00-934-9758	8	1
5430-00-794-6956	20	35	5310-00-934-9755	12C	10
5340-00-794-6957	20	37	4730-00-935-5395	7	9
5340-00-794-6970	20	46	4730-00-938-7997	12A	4
5310-00-794-6971	20	12		12D	3
2805-00-808-5675	3	15	5305-00-943-2094	17	3
5310-00-809-3079	17	8	5325-00-943-6697	13	17
5310-00-809-5998	12D	17	5330-00-949-5426	7	8
	13	5	5310-00-950-1310	12C	20
	20	28	5305-00-958-0666	12B	6
5310-00-809-8533	20	25	5340-00-974-6623	12C	9
5310-00-809-8546	17	22	5310-00-974-9537	8	
5305-00-809-9385	20	3	4930-00-976-3109	13	10
4730-00-812-4303	8		4330-00-983-0998	17	11
5305-00-817-6139	21	8	5305-00-983-6730	12C	18
5305-00-821-3869	12B	16	5305-00-983-8084	17	14
5340-00-823-5316	16	10	5305-00-984-6216	17	20
5340-00-823-5318	21	10	5305-00-984-6217	8	3
5310-00-823-8803	17	2	5307-00-985-4918	8	19
2805-00-828-9520	2	4	2910-00-987-7764	8	9
2930-00-839-6109	5	5	5305-00-989-7435	12C	6
5310-00-841-2729	6	13	4320-00-991-6514	12D	33
5315-00-845-7787	20	22	4730-00-991-6516	12D	9
2910-00-846-0943	8	10	4820-00-991-6517	12D	10
4930-00-856-3930	22	12	5310-00-997-1888	12C	13
4730-00-869-5246	16	4	4010-00-997-9744	15	30
4930-00-871-2996	18	19	4320-01-011-5037	12E	16
5310-00-880-7744	12E	1	5307-01-013-7888	12D	15
5310-00-880-7746	12D	8	5307-01-016-4423	12D	20
5310-00-880-8189	13	21	5305-01-016-7470	1	6
2920-00-883-1101	8	4	5330-01-019-8913	12C	2
4730-00-896-9058	8	14	6150-01-022-6004	12B	4
5310-00-897-6082	17	13	5340-01-030-6854	12D	35
	20	36	4930-01-037-0507	24	2
4930-00-904-1383	15		5340-01-037-8739	20	34
5310-00-905-0792	7	1	3120-01-042-2580	2	28
5310-00-905-0762	7	11	5340-01-059-0114	12C	24
5310-00-905-0762	18	20	4720-01-071-2871	12A	2
5330-00-912-4316	9		6105-01-139-3183	12E	8
4730-00-915-5127	16	17	5935-01-184-7188	12C	22
5310-00-928-9824	9	3	6150-01-191-9732	12B	1
2990-00-930-5459	7	6	9340-01-210-4552	17	15
5330-00-930-8596	20	2	6150-01-214-5512	12C	41
5306-00-932-0962	22	11	5945-01-219-6786	12C	7
	22	13	4930-01-220-2065	12D	39
	23	8	5935-01-241-9740	12B	2
5310-00-933-8120	12C	11	6150-01-253-8746	12C	30

NATIONAL STOCK NUMBER AND PART NUMBER

STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.	STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.
AA97-1S19	66289	1	23	FX997-12	12718	23	6
AB99T-1-S1	66289	1	28	FX997-2	12718	23	4
AD41	66289	3	19	GASK-125	15235	12C	2
AE74C	66289	3	17	GA34A	66289	2	23
AE740	66289	3	16	GB49	66289	3	25
AF438	66289	3	15	GD87C	66289	9	7
AG26	66289	3	14	GUD0101	15235	12C	1
AG31	66289	3	13	G120B	26622	17	6
AG34B	66289	3	18	G2788	82796	9	18
AH9	66289	3	12	G3861	82796	9	30
ANS-B16, 14	80204	12D	7	HG201D	66289	2	27
		12D	34	HA138S	66289	2	28
AN924-5	88044	19	1	H113RA	81718	15	15
AP402A	79515	21	4	H1471M	81718	15	13
AP403	79515	21	9	H1668B	81718	15	3
AP404	79515	21	6	H1669B	81718	15	2
AP425A	79515	21	3	H16708	81718	15	6
ASTMB26(356-T7)	81348	12D	38	H195RB	81718	15	4
A1946M	81718	15	34	H2061M	81718	15	19
A24PNC	12793	16	23	H213RB	81718	15	8
A2492A	82796	9	29	H284M	81718	15	25
A2492C	82796	9	31	H305RA	81718	15	11
A2492D	82796	9	12	H3163RB	81718	15	29
A2572	82796	9	25	H3353M	81718	15	18
A538RS	81718	15	12	H3667M	81718	15	27
A5950A	82796	9	22	H3637M	81718	15	26
A609	79515	21	2	H3719M	81718	15	33
BB116F9	66289	1	21	H3804A	81718	15	24
BEBX2G1	19207	20	45	H4126	81718	15	
BG170S2	66289	2	12	H4169M	81718	15	22
BG171S1	66289	2	17	H4170M	81818	15	21
BY4631	82796	9	21	H4198B	81718	15	20
B1-264B4S1	66289	1	5	H428RA	81718	15	7
B1498D	21387	9	34	H502M	81718	15	14
B1498D	82796	9	32	H51636	1400	17	24
B5969	82796	9	15	H534RA	81718	15	9
B6030A	21387	9	38	H5482M	81718	15	31
CA51-131	66289	2	26	H58M	81718	15	17
CA51-131S1	66289	2	20	H7012RB	81718	15	5
CFSP13295	71724	12	4	H714M	81718	15	16
C10873-1132B	11349	8	19	H7250M	81718	15	10
C200	01400	18	12	H7396M	81718	15	35
C522	00299	12	5	H7766M	81718	15	28A
C531	00299	12	11	J-C-30THW30CK211A	81348	12B	3
C533A	00299	12	2	J2430A	82796	9	9
C5949	21387	9	33	KA59B1	66289	4	15
C5963	66289	9	23	KA59B1S1	66289	4	13
C6032B	82796	9	39	KF14-51	66289	4	9
DA70BS1	66289	2	1	KF19A	66289	4	4
DB186A1SP	66289	2	4	KF22	66289	4	5
DC161-1	66289	2	8	KF30	66289	4	14
DC198	66289	2	7	K98	66289	4	1
DC199	66289	2	9	LV2563C	82796	9	28
DE68	66289	2	6	LO318	66289	1	16
DR30	66289	5		L219105-2	6840	12	8
D102A	81718	15	1	L2788	82796	9	19
D1053-1	00299	12	3	MBKND182918	66289	8	23
D2565	82796	9	27	ME38A	66289	4	12
D6120	87296	9	42	MIL-W-16878/5	81349	BULK	11
EA101W	66289	8	27	MILF2308	81349	17	11
EA101ZS1	66289	3	23	MS122052	96906	8	2
FA42C	66289	3	20	MS122121	96906	12D	35
FEDSPEC D-E-915	81348	24		MS122122	96906	12D	37
FMPE187	82796	9		MS122125	96906	12D	36
FX1097-3A	12718	22		MS14315	96906	12D	39
FX887-11	12718	23	3	MS16562-240	96906	20	4

NATIONAL STOCK NUMBER AND PART NUMBER

STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.	STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.
MS16562-256	96906	20	30	MS35206-269	96906	17	20
MS16997-60	96906	17	14	MS35206-270	96906	8	3
MS20600AD6W4	96906	12E	14	MS35207-264	96906	12C	6
MS21318-27	96906	12A	13	MS35214-69		12D	11
MS24665-289	96906	20	22	MS35226-50	96906	12B	6
MS24665-73	96906	22	17	MS35297-62	96906	16	20
MS25036-108	96906	12C	32	MS35307-470	96906	17	3
		12C	39	MS35333-36	96906	12C	19
MS25036-109	96906	12C	29	MS35333-39	96906	12C	4
MS25036-116	96906	12C	36	MS35335-33	96906	7	2
		12C	48	MS35335-35	96906	7	12
MS25036-117	96906	12C	35			12A	11
		12C	44			13	8
MS25036-118	96906	12C	43	MS35336-27	96906	6	12
		12C	47	MS35338-138	96906	12C	11
MS25036-149	96906	12E	6	MS35338-140	96906	12C	9
NS25036-153	96906	12C	40	MS35338-25	96906	18	22
MS25036-157	96906	12E	7	MS35338-29	96906	13	22
MS25043-16DA	96906	12C	22	MS35338-42	96906	12C	16
MS27183-12	96906	12E	3			14	24
MS27183-14	96906	19	5	MS35338-43	96906	17	21
MS27183-4	96906	12C	20	MS35338-44	96906	12C	14
MS27022-6	96906	7	9	MS35338-45	96906	12E	2
MS27022-9	96906	20	16			22	19
MS27022-11	96906	12A	4	MS35338-46	96906	8	13
		12D	3			8	18
MS27026-5	96906	7	4			12B	9
MS27026-9	96906	15	36			12B	14
		16	25			12C	26
MS27028	96906	12A	9			12E	10
MS27028-11	96906	12D	1			13	2
		21	10			19	16
MS27028-9	96906	13	11	MS35338-48	96906	20	40
		16	4	MS35425-36	96906	17	7
MS27029-11	96906	16	17	MS35648-4	96906	1	30
MS27029-9	96906	16	10	MS35649-202	96906	8	1
MS27030-5	96906	12A	8	MS35649-2252	96906	12C	13
		13	12	MS35649-282	96906	12C	15
		15	37	MS35650-302	96906	12C	3
		16		MS35650-304	96906	12C	10
		16		MS35691-36	96906	17	13
		16	5			20	36
		20	15	MS35756-34	96906	12D	31
MS27030-6	96906	12A	3	MS35785-4	96906	17	26
		12D	2	MS51021-56	96906	21	8
		16		MS51021-60	96906	20	3
		16	14	MS51029-51	96906	18	11
		21	11			20	32
MS27183-14	96906	12B	15	MS51105-464	96906	20	24
		12E	10	MS51864-103-18	96906	12D	15
MS27183-18	96906	12D	17	NS51864-106-20	96906	12D	20
		13	5	MS51864-14	96906	12D	16
		20	28	MS51887-232	96906	20	49
MS27183-19	96906	17	8	NS51922-17	96906	13	1
MS27183-21	96906	17	2			13	7
MS27183-23	96906	20	25			16	18
MS27183-42	96906	12C	5	MS51922-23	96906	13	4
MS27183-8	96906	17	22			20	39
MS29513-253	96906	12D	28	MS51922-49	96906	17	1
MS29513-273	96906	12D	19			20	44
MS3102R16S4S	96906	12C	21	MS51957-61	96906	22	2
MS32291-5	96906	18	21	MS51967-8	96906	8	17
MS345W165-4P	96906	12B	2	MS51967-11	96906	13	21
MS3493-1	96906	15	32	MS51967-23	96906	20	23
MS35198-73	96906	12D	26	MS51967-3	96906	7	1
MS35206-218	96906	12C	18			7	11

STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.	STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.
		18	20	PH209-B	66289	1	27
MS51967-5	96906	12E	1	PH253	66289	6	5
MS51967-8	96906	8	12	PH256	66289	2	19
		12	1	PH30	66289	1	13
		12B	13	PH412	66289	2	11
		12E	9	PH84	66289	6	7
		18	1	PK127A	66289	8	
		19	15	PK69	66289	2	5
MS51968-5	96906	12D	8	PL17	66289	2	24
MS52131-1	96906	12C	23	PL21	66289	2	25
MS90725-109	96906	13	6	PL21	66289	3	26
MS90725-115	96906	20	41	PM117	66289	6	8
MS90725-39	96906	12E	4	PM58E	66289	4	10
MS90725-58	96906	18	3	PM74	66289	3	5
		18	13	PR50A	66289	4	11
		18	17	P1-121	66289	6	3
		19	17	P1126	1400	16	2
MS90725-60	96906	19	4	P401-2E	79515	21	13
		19	9	P414	79515	21	5
MS90725-64	96906	13	3	P420	79515	21	1
		13	9	P431	79515	21	7
MS90725-66	96906	8	16	P444B	79515	21	12
NS90725-69	96906	19	8	QC53	66289	1	10
MS90725-8	96906	7	3	QD569A	66289	1	22
		7	13	QD570A	66289	9	6
MS90726-43	96906	12D	21	QD571	66289	3	10
MS90727-57	96906	12C	25	QD572	66289	1	15
MS90727-58	96906	12B	8	QD573	66289	2	14
MS90728-109	96906	20	27	QD573A	66289	2	13
MS90728-32	96906	2	10	QD574	66289	2	18
MS90728-61	96906	12E	12	QD647	44289	1	7
MS90728-65	96906	12B	16	QD695	66289	6	13
MS90728-66	96906	3	20	QD802	66289	1	29
		12A	10	Q2B	66289	9	
M2570	21387	9	24	Q2437AX	82796	9	16
M286755B	81349	12C	49	801-1 1/2	82666	16	3
M35690-524	96906	12C	8	RC118	66289	8	10
M52618/1B09XA	81349	12A	5	RD107A	66289	4	6
NA2	1400	20	20	RD127C	66289	8	
NC137	66289	5	6	RF1225	66289	8	25
N2498	82796	9	10	RJ138A	66289	1	17
N76B4	66289	1	4	RM1280A	66289	8	
PA264	66289	3	24	RP902	66289	8	24
PA340	66289	3	1	RX2425	82796	9	45
PB164	66289	9	5	SA61	66289	1	14
PC368	66289	1	11	SA80	66289	4	8
PC393-2	66289	6	9	SD108	66289	9	
PD10	66289	9	4	SD251	66289	5	
PD115	66289	6	2	SE1590	1400	17	27
PD153	66289	6	15	SE53A16S1	66289	5	5
PD77	66289	8		SXY2433	21387	9	13
PD9	66289	1	8	SZ2563	82796	9	26
PD9	66289	3	8	S2568	82796	9	40
PE3	66289	1	2	S31614SS	1400	18	6
PE3	66289	1	20	S4-11-35-14	24677	22	5
PE3	66289	2	16	S4-11-35-8	24677	23	7
PE3	66289	4	3	TC301-3	66289	6	4
PE3	66289	5	4	TC321	66289	3	22
PE37A	66289	5	2	TC322S1	66289	3	2
PE4	66289	1	26	TC323	66289	3	21
PE4	66289	8		TC324C	66289	3	11
PE5	66289	8	6	TC325	66289	3	9
PE52A	66289	9	3	TC332	66289	3	6
PE82	66289	2	3	TYPEE-8	81349	12C	34
PG338	66289	1	3			12C	42
PG733	66289	8	8			12C	46

NATIONAL STOCK NUMBER AND PART NUMBER

STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.	STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.
TYPEE-16	81349	12C	28	1097-5A	12718	23	13
		12C	31	1097-5B	12718	23	10
		12C	38	1097-5C	12718	23	12
T1802	76700	7	7	1097-8	12718	22	11
T2000	17807	20	1	1097-8	12718	22	13
T2477C	82796	9	43	1097-8	12718	23	8
UC103A	66289	5	1	1097S-1	12718	23	14
US2480	82796	9	36	11193A	79960	1	9
U26A	299	12		113-10	01400	22	22
U268	66289	5	7	113-13	01400	20	2
VB112	66289	6	10	113-15	01400	20	11
VC22C	66289	6	16	113-16	01400	20	5
VE304	66289	3	4	113-17	01400	20	6
VE363A	66289	6	1	113-18	01400	20	13
VI498	82796	9	17	113-20-1	01400	20	21
WE343ES1	66289	8	9	113-21	01400	20	26
WWP460	81348	20	9	113-23	01400	20	46
WWP471	81348	7	5	113-25	01400	20	42
WWP521TYPE1	81348	7	10	113-26	01400	20	43
XA34	66289	5	3	113-28	01400	20	47
XA38	66289	1	6	113-34	01400	22	4
XA52	66289	8		113-45	01400	22	6
XA6	66289	6	14	113-47	01400	20	18
XA64	66289	4	7	113-48	01400	20	19
XC14	66289	6	11	113-5-1	01400	20	31
XD11	66289	1	12	113-5-2	01400	2	35
XD15	66289	2	10	113-5-3	01400	20	37
XD17	66289	9	2	113-51	01400	22	12
XD19	66289	1	24	113-52	01400	22	9
XD19	66289	2	2	113-55	01400	20	7
XD23	66289	1	25	113-56	01400	20	10
XD25	66289	8	5	113-57	01400	22	7
XD4	66289	1	1	113-58	01400	22	8
XD4	66289	2	15	113-59	01400	22	3
XD6	66289	1	19	113-61	01400	22	20
XD6	66289	3	7	113-62	01400	22	21
XD7	66289	4	2	113-65	01400	22	16
XED16	11583	8	22	113-66	01400	22	15
XK118	66289	1	31	113-67	01400	22	14
XK3B	66289	1	18	113-7	01400	20	38
X1-1	66289	6	6	113-70	01400	23	
X1-32	66289	3	3	113-71	01400	22	1
YD259	66289	1	1	113-8	01400	20	12
YD89BC	66289	8	4	113-99	01400	20	14
OW480T	96152	8	26	113-99-7	01400	20	17
50205	06840	17	10	113178	24617	12	7
0705	78480	8	32	1137P10	82366	14	37
07759	96152	8	28	115-77-2	01400	13	19
07762	96152	8	29	115-100	01400	12	10
07766	78480	8	27	115-101	01400	8	14
07769	78480	8	31	115-113	01400	13	14
07770	78480	8	33	115-116	01400	8	15
08227	96152	8	30	115-126	01400	13	16
1P145	82366	19	22	115-138-1	01400	16	13
1	81859	7	6	115-138-2	01400	16	
10S10D	82796	9	8	115-138-3	01400	16	
101P10	82366	14	15	115-139-1	01400	16	9
101P4	82366	14	12	115-139-2	01400	16	16
102P10	82366	14	25	115-139-3	01400	16	
1020-36435-4	17807	22	10	115-139-4	01400	16	
103P10	82366	14	4	115-139-5	01400	16	7
103P25	82366	14	32	115-145	01400	17	5
1097-3	12718	23	11	115-146	01400	13	17
1097-4	12718	23	9	115-148	01400	13	18
				115-15-1	01400	18	

NATIONAL STOCK NUMBER AND PART NUMBER

STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.	STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.
115-154	01400	18		13200E8807-2	97403	12D	25
115-156	01400	8	7	13200E8809	97403	12D	18
115-160	01400	17	12	13200E8810	97403	12D	10
115-19	01400	13	23	13200E8811	97403	12D	12
115-197	01400	18	16	13200E8812	97403	12D	13
115-200	01400	18		13200E8813	97403	12D	14
115-201	01400	18		13200E8814	97403	12D	9
115-206	01400	18	5	13200E8861	97403	12D	32
115-211	01400	18	25	1320E9128	97403	17	23
115-212	01400	18	26	13217E2964	97403	12B	1
115-215	01400	18	4	13217E2974	97403	15	1
115-217	01400	18	14	13217E6306	97403	12D	4
115-222	01400	16	6	13217E7087	97403	20	34
115-228	01400	8	21	13217E7090	97403	20	33
115-233	01400	18	30	13217E7121	97403	12E	16
115-24	01400	18	15	13217E7129	97403	12A	6
115-249	01400	17				12D	
115-264	01400	17	28	13217E713	97403	12E	15
115-282	01400	17	9	13217E7131	97403	12E	8
115-284	01400	17	19	13217E7132	97403	12C	50
115-286	01400	17	17	13217E7136	97403	12E	13
115-287	01400	17	15	13217E7141-1	97403	12C	27
115-288	01400	17	16	13217E7141-2	97403	12C	30
115-29	01400	18	29	13217E7141-3	97403	12C	41
115-3	01400	13	15	13217E7141-4	97403	12C	45
115-33	01400	16	15	13217E7141-5	97403	12C	33
115-39	01400	16	8	13217E7141-6	97403	12C	37
115-40	01400	16	11	13217E7154	97403	12C	7
115-41	01400	16	12	13217E7165-1	97403	12B	18
115-42	01400	13	13	13217E7166	97403	12B	12
115-42	01400	18	27	13217E7167	97403	12D	23
115-5-4	01400	17	4	13217E7168	97403	12D	27
115-52L	01400	18	19	13217E7170	97403	12D	6
115-52R	01400	18	19	13217E7174	97403	12C	12
115-54-1	01400	18	24	13218E0152-206	97403	12A	2
115-54-2	01400	18	23	13222E9858	97403	12E	5
115-57	01400	18	18	13226E2260	97403	12A	23
115-58-1	01400	18	9	13226E2262	97403	12A	14
115-58-2	01400	18	7	13226E2288	97403	12A	12
115-59	01400	12	11	13227E6652	97403	12B	17
115-62	01400	13	10	13227E9783	97403	12C	17
115-7	01400	16	21	133-22	01400	20	29
115-774-1	01400	13	20	13614	82366	14	10
115-85	01400	12	5	13633	25567	10	1
115-86	01400	12	2	13663	01400	20	48
115-91	01400	12	6	13667	25567	10	24
115-93	01400	18	28	151P10	82366	14	3
115-94	01400	12	9	151P15	82366	14	13
115-99-1	01400	18	10	151P20	82366	14	17
115-99-2	01400	18	8	15118	60038	2	22
11570-020E13X242	25567	10		15243	60038	2	21
11675004	19207	12C	24	155P10	82366	14	7
11677570	19207	12B	11	15675	05748	15	
11682336-1	19207	12B	4	15676SA	05748	15	
11682337-1	19207	12B	10	15765	05748	15	
11682338	19207	12B	5	16418SA	05748	7	8
11682344	19207	12B	7	175-20	01400	7	14
117-54	01400	12		1890-7	14555	17	18
120382	24617	18	2	190GALUM1-12	81718	15	
126P15	82366	14	16	190W	81718	15	30
1318E0152-5	97403	12A	7	193497	21450	19	3
13200E8802	97403	12D	22	2P100-1	82366	14	5
13200E8803	97403	12D	33	2P101-3	82366	14	11
13200E8804	97403	12D	30	2P102	82366	14	31
13200E8806	97403	12D	29	2025C	01400	18	
13200E8807-1	97403	12D	24	230P107	82366	19	20

NATIONAL STOCK NUMBER AND PART NUMBER

STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.	STOCK NUMBER	FSCM	FIGURE NO.	ITEM NO.
27016	82366	14	40	653W	82796	9	41
27C77	82366	14	9	6S4L	82796	9	37
27411	82366	14	20	6S6O	82796	9	14
27413	82366	14	21	63Y11	01400	17	25
277PS	82366	19	14	651P10	82366	14	18
2958GA	25567	10	3	74639A	00742	20	8
296	81718	15		7601-2	90800	16	24
296CAALUM	81718	15	23	78678SA	05787	12D	39
3K1	82796	9	35	8S4U	82796	9	11
3000-1	82366	15	24	8S6G	82796	9	20
30015	82366	14	29	887-23C	12718	22	18
30017	82366	14	30	887-7	12718	23	2
30018	82366	14	1	960957	47301	8	11
30019	82366	14	6	960957	47301	16	22
30020	82366	14	22	980-1-1-2	79515	16	1
30023	82366	14	23	997R-6	12718	23	1
30027	82366	14	38				
30041	82366	14					
30045	82366	14	26				
30046	82366	14	27				
30047	82366	14	28				
30049	82366	14	33				
30050	82366	14	34				
30051	82366	14	35				
30052	82366	14	36				
30053	82366	14	39				
30055	82366	14					
30068	82366	14					
30069	82366	14	19				
31SS12B	82796	9	44				
31468	81718	15	28				
37	12718	23	5				
380A4	79615	20	50				
380AM	79515	21					
40005	82366	19	26				
43200LH	82366	19					
43200RH	82366	19					
43200-31-RH	82366	19					
43260-1L	82366	19	19				
43260-1R	82366	19	19				
43272-1L	82366	19	12				
43277	82366	19	18				
43279	82366	19	24				
43281	82366	19	21				
43284-1	82366	19	28				
43285	82366	19	29				
43290	82366	19	7				
43292	82366	19	27				
43294	82366	19	6				
43295	82366	19	10				
43296L	82366	19	13				
43296R	82366	19	13				
43297L	82368	19	25				
43297R	82366	19	25				
43299	82366	19	11				
446548	24617	16	19				
47727	82366	19	2				
47727	82366	19	23				
5-14-514-7	97403	24					
5-14-514-8	97403	24	1				
5-14-514-8-1	97403	24	3				
5-14-514-8-4	97403	24	2				
5-14-514-9	97403	24	4				
5-14-514-9-1	97403	24	6				
5-14-514-9-4	97403	24	5				
5P100-1	82366	14	14				

By Order of the Secretary of the Army:

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

Official:

J. C. PENNINGTON
Major General, United States Army
The Adjutant General

DISTRI BUTION:

To be distributed in accordance with DA Form 12-25A, Organizational Maintenance Requirements for Petroleum Distribution.

☆ U.S. GOVERNMENT PRINTING OFFICE : 1992 - 342-421 (61743)

The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9,10, 13, 15, 16,17, and 27.

From: "Whomever" <whomever@avma27.army.mil>
To: mpmt@avma28.army.mil

Subject: DA Form 2028

1. **From:** Joe Smith
2. **Unit:** home
3. **Address:** 4300 Park
4. **City:** Hometown
5. **St:** MO
6. **Zip:** 77777
7. **Date Sent:** 19-OCT-93
8. **Pub no:** 55-2840-229-23
9. **Pub Title:** TM
10. **Publication Date:** 04-JUL-85
11. **Change Number:** 7
12. **Submitter Rank:** MSG
13. **Submitter FName:** Joe
14. **Submitter MName:** T
15. **Submitter LName:** Smith
16. **Submitter Phone:** 123-123-1234
17. **Problem:** 1
18. **Page:** 2
19. **Paragraph:** 3
20. **Line:** 4
21. **NSN:** 5
22. **Reference:** 6
23. **Figure:** 7
24. **Table:** 8
25. **Item:** 9
26. **Total:** 123
27. **Text:**

This is the text for the problem below line 27.



THEN . . . JOT DOWN THE DOPE ABOUT IT ON THIS FORM, CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC John DOE
 CO 4 3rd Engineer Bn
 Ft. Leonardwood, MO 63108

DATE SENT

22 August 1992

PUBLICATION NUMBER

TM 1-1520-250-10

PUBLICATION DATE

15 June 1992

PUBLICATION TITLE

Operator's manual MH60K Helicopter

BE EXACT PIN-POINT WHERE IT IS

IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
6	2-1 a		
B1		4-3	

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 in figure 4-3 is pointed at a bolt. In key to figure 4-3, item 16 is called a shim. Please correct one or the other

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE

JOHN DOE *John Doe*

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 38.82 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = 155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.365	kilograms	short tons	1.102
pound-inches	newton-meters	.11375	metric tons		

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
----	------------------------	----------------------------	---------------------	----

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