

TECHNICAL MANUAL

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

FOR

**HEATER, DUCT TYPE
PORTABLE TRAILER MOUNTED
400,000 BTU/HR FIESTA MODEL
FC-400-1
NSN 4520-01-071-7191**

Approved for public release; Distribution is unlimited.

* This manual supersedes TM 5-4520-244-24P, 27 March 1987

**HEADQUARTERS, DEPARTMENT OF THE ARMY
20 APRIL 1991**

CHANGE
NO. 2

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 31 OCTOBER 1994

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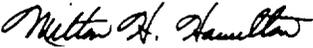
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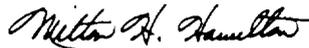
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Current as of 24 June 1990

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 the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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UNIT, DIRECT SUPPORT
AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

SECTION I. INTRODUCTION

1. SCOPE. This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of unit, direct support, and general support maintenance of the Heater, 400,000 BTU/HR. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

2. GENERAL. In addition to this section, Introduction, this Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance, The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within Section II Repair parts for repairable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

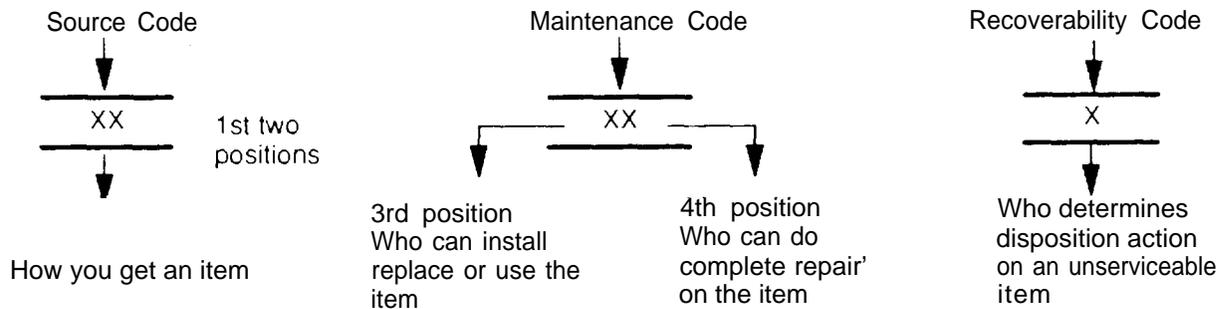
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) Information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. Cross-references Indexes. A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross referenced to each illustration figure and item number appearance The figure and item number index lists figure and item number in alphanumeric sequence and cross references NSN, CAGEC and part number.

3. EXPLANATION OF COLUMNS (SECTIONS II AND III).

a. ITEM NO. (Column (1)). Indicates the number used to Identify items called out in the Illustration.

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



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

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

Code	Explanation
PA PB PC** PD PE PF PG	<p>Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3rd position of the SMR code.</p> <p>*NOTE: Items coded PC are subject to deterioration.</p>
KD KF KB	<p>Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.</p>

Code	Explanation
MO — (Made at org AVUM Level) MF — (Made at DS/AVUM Level) MH — (Made at GS Level) ML — (Made at Specialized RepairActivity(SRA)) MD — (Made at Depot)	<p>Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION and USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in this RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.</p>

Code	Explanation
AO — (Assembled by org/AVUM Level) AF — (Assembled by DS/AVIM Level) AH — (Assembled by GS Category) AL — (Assembled by SRA) AD — (Assembled by Depot)	<p>Items with these codes are not to be requested/requisitioned individually, The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position code of the SMR code authorizes you to replace the item, but the source code indicates the items are assembled at a higher level, order the item from the higher level of maintenance.</p>

Code	Explanation
XA —	Do not requisition "XA"-coded item. Order its next higher assembly. (Also, refer to the NOTE below.)
XB —	If an "XB" item is not available from salvage, order it using the CAGEC and part number given
XC —	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by Reciprocating Compressor manufacturer's part number.
XD —	Item is not stocked, Order an "XD" -coded item through normal supply channels using the CAGEC and part number given if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

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

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

Code	Application/Explanation
C	— Crew or operator maintenance done within organizational or aviation unit maintenance.
O	— Organizational or aviation unit category can remove, replace, and use the item.
F	— Direct support or aviation intermediate level can remove, replace, and use the item.
H	— General support level can remove, replace, and use the item.
L	— Specialized repair activity can remove, replace, and use the item.
D	— Depot level can remove, replace, and use the item.

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

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

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

Recoverability
Codes

Application/Explanation

Z — Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.

O — Repairable item. When not economically repairable, condemn and dispose of the item at organizational or aviation unit level

F — Repairable item. When uneconomically repairable, condemn and dispose of the item at the direct support or aviation intermediate level

H — Repairable item. When uneconomically repairable, condemn and dispose of the item at the general support level.

D — Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.

L — Repairable item. Condemnation and disposal not authorized below specialized repair activity (SRA).

A — Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

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

d. PART NUMBER (Column (4)). Indicates the primary number used by the manufacturer, (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When you use an NSN to requisition an item, the item you receive may have a different part number from the part ordered.

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

- (1) The Federal item name and, when required, a minimum description to identify the item
- (2) The physical security classification of the item is indicated by the parenthetical entry, e.g., Phy Sec C1 – Confidential, Phy Sec C1 (S) - Secret, Phy Sec C1 (T) – Top Secret.
- (3) Items that are included in kits and sets are listed below the name of the kit or set.

(4) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.

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

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

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

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

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

(10) The indenture, shown as dots appearing before the repair part, indicates that the item is a repair part of the next higher assembly.

f. **QTY (Column 6).** The QTY (quantity per figure column) indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and may vary from application to application.

4. EXPLANATION OF COLUMNS (SECTION IV).

a. NATIONAL STOCK NUMBER (NSN) INDEX.

(1) **STOCK NUMBER column.** This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN, i.e.

NSN
<hr/>
5305-01-574-1467
NIIN

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

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

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

b. **PART NUMBER INDEX.** Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

(1) CAGEC column. The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

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

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

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

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

c. FIGURE AND ITEM NUMBER INDEX.

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

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

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

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

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

5. SPECIAL INFORMATION.

a. USABLE ON CODE. The usable on code appears in the lower corner of the Description column heading, Usable on codes are shown as "UOC:..." in the Description Column (justified left) on the last line applicable item description/nomenclature. Uncoded items are applicable to all models.

b. ASSOCIATED PUBLICATIONS. The publication listed below pertains to the Heater, 400,000 BTU/HR and its components.

Publication	Short Title
TM 5-4520-244-24P	Heater, 400,000 BTU/HR

6. HOW TO LOCATE REPAIR PARTS.

a. When National Stock Number or Part Number is NOT Known.

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

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

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

(4) Fourth. Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.

(5) Fifth. Refer to the Part Number Index to find the NSN, if assigned.

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

(2) Second. After finding the figure and item number, verify that the item is the one you are looking for, then locate the item number in the repair parts list for the figure.

7. ABBREVIATIONS. Abbreviations used in this manual are listed in MIL-STD-12.

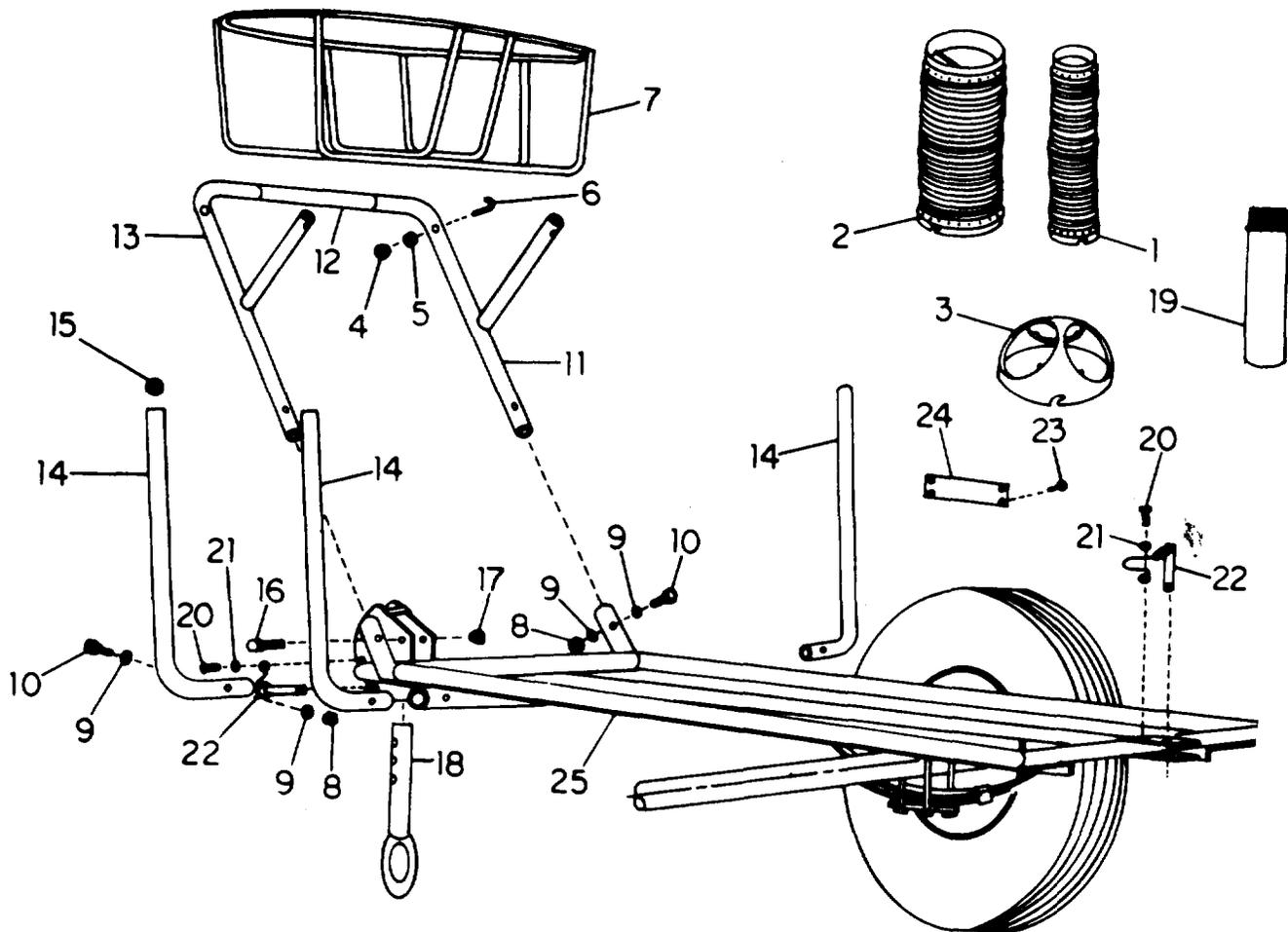


Figure 1. Duct Hose, Basket and Frame Assembly

SECTION II		TM5-4520-244-24P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 01 HOSES, ADAPTER, BASKET AND SUPPORT HANDLES					
FIG. 1 DUCT HOSE, BASKET AND FRAME ASSEMBLY					
1	PAOZZ	81349	MIL-H-7365-SIZEB	HOSE ASSEMBLY, AIR D	3
2	PAOZZ	81349	MIL-H-7365-SIZEA	HOSE, AIR DUCT 12 IN	1
3	PAOZZ	30299	FT621	ADAPTER, AIR DUCT	1
4	PAOZZ	96906	MS17829-3C	NUT, SELF-LOCKING, HEXAGON	4
5	PAOZZ	96906	MS27183-8	WASHER, FLAT, #10	4
6	XDOZZ	57386	10058	BOLT, HOOK	4
7	XB0ZZ	57386	40026	BASKET, HOSE	1
8	PAOZZ	96906	MS51922-1	NUT, SELF-LOCKING	5
9	PAOZZ	96906	MS27183-10	WASHER, FLAT, 1/4	5
10	XDOZZ	96906	MS90725-13	SCREW, CAP	5
11	XBOZZ	57386	50015-1	HANDLE, SIDE, RIGHT	1
12	XBOZZ	57386	20077	HANDLE, HORIZONTAL	1
13	XBOZZ	57386	50015-2	HANDLE, LH SIDE	1
14	XBOZZ	11764	TR101	HOLDER, DUCT HOSE	3
15	PAOZZ	61864	HS51248	BUTTON, PLUG	5
16	PAOZZ	96906	MS90726-117	SCREW, CAP, HEXAGON	1
17	PAOZZ	96906	MS51922-37	NUT, SELF-LOCKING	1
18	XBOZZ	57386	40027-1	BAR ASSEMBLY, TOW	1
19	PAOZZ	97403	13227E6193	PIPE, EXHAUST	1
20	PAOZZ	96906	MS35206-276	SCREW MACHINE	2
21	PAOZZ	96906	MS35338-44	WASHER, LOCK	2
22	XDOZZ	09094	31-803	PIN, HITCH	2
23	PAOZZ	07707	AD43-BS	RIVET, BLIND	4
24	XBOZZ	57386	10062	PLATE, IDENT	1
25	XBOZZ	57386	40017	FRAME, TRAILER	1

END OF FIGURE

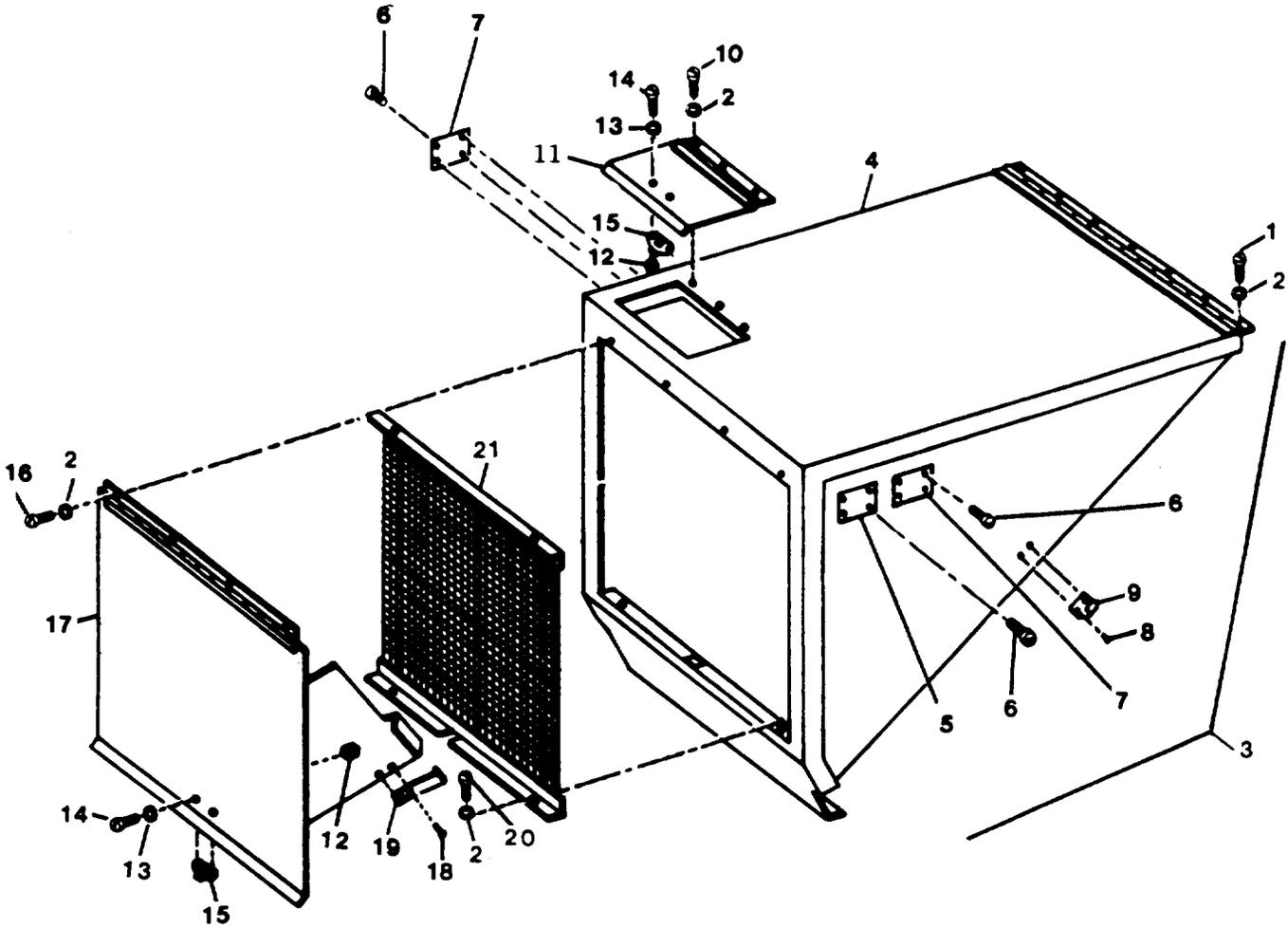


Figure 2. Hood Assembly

SECTION II (1)	ITEM (2)	(3)	TM5-4520-244-24P (4)	(5)	(6)
NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 02 HOOD ASSEMBLY					
FIG. 2 HOOD ASSEMBLY					
1	PAOZZ	96906	MS35206-261	SCREW,MACHINE	7
2	PAOZZ	96906	MS27183-8	WASHER,FLAT	18
3	XBOZZ	57386	40025	HOOD ASSEMBLY	1
4	XBOZZ	57386	50006	.CABINET TOP	1
5	XDOZZ	57386	B040-10164	..PLATE,IDENT	1
6	XDOZZ	96906	MS24662-2	..RIVET,BLIND	12
7	XBOZZ	57386	B04000421	..PLATE,CAUTION	1
8	PAOZZ	61957	AD42BS	.RIVET,BLIND	8
9	XBOZZ	98003	SC-D-20650-30	.LATCH,STRIKE	2
10	PAOZZ	96906	MS35206-261	.SCREW,MACHINE	3
11	XBOZZ	57386	50017	.DOOR,ASSY,ACCESS	1
12	PAOZZ	96906	MS21043-06	.NUT,SELF-LOCKING	4
13	PAOZZ	96906	MS27183-6	.WASHER,FLAT	4
14	PAOZZ	96906	MS35206-228	.SCREW,MACHINE	4
15	XBOZZ	57386	10061	.CATCH,FRICITION	2
16	PAOZZ	96906	MS35206-261	.SCREW,MACHINE	4
17	XBOZZ	57386	40024	.DOOR,AIRINLET,ASSY	1
18	PAOZZ	07707	AD32-BS	.RIVET	4
19	PAOZZ	90598	TC643	.CATCH,DOOR AIR INLE	2
20	PAOZZ	96906	MS35206-261	.SCREW,MACHINE	4
21	XBOZZ	57386	50019	.SCREEN,AIR INLET	1

END OF FIGURE

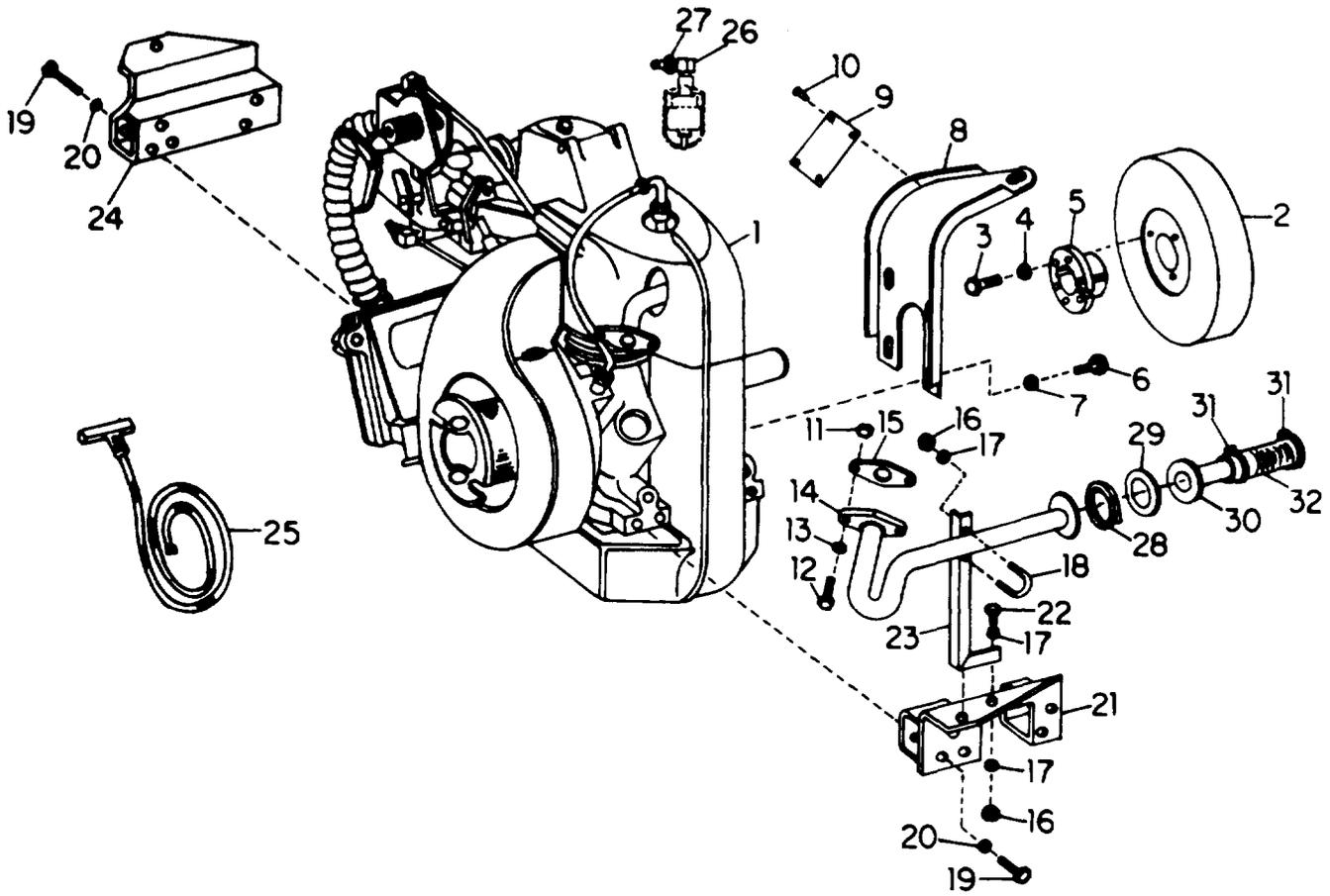


Figure 3. Engine Assembly and Attachments

SECTION II (1)	SMR (2)	(3)	TM5-4520-244-24P (4)	(5)	(6)
ITEM NO	CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 03 POWER UNIT, ENGINE					
FIG. 3 ENGINE ASSEMBLY AND ATTACHMENTS					
1	PAOFH	81336	MODEL 1A08-3	ENGINE, GASOLINE	1
2	PBOZZ	57386	10237	COUPLING, DRIVE	1
3	PAOZZ	57386	04010240	SCREW, MACHINE	3
4	PAOZZ	96906	MS35338-43	WASHER, LOCK #10	3
5	PAOZZ	57386	04010239	BUSHING, TAPERED	1
6	PAOZZ	96906	MS90726-31	BOLT, MACHINE	4
7	XDOZZ	96906	MS35338-45	WASHER, LOCK 16" INT TOOTH	4
8	XBOZZ	57386	40029	BRACKET, FRONT	1
9	XBOZZ	57386	10005	PLATE, POWER UNIT IDENT	1
10	PAOZZ	07707	AD43-BS	RIVET, BLIND	4
11	PAOZZ	96906	MS17829-3C	NUT, SELF-LOCKING, HEXAGON #10-24	2
12	PAOZZ	96906	MS35206-266	SCREW, MACHINE	2
13	PAOZZ	96906	MS27183-8	WASHER, FLAT #10	2
14	XBOZZ	57386	20178	PIPE, EXHAUST	1
15	PAOZZ	57386	A04010010	GASKET	1
16	PAOZZ	96906	MS51922-1	NUT, SELF-LOCKING, HE	4
17	PAOZZ	96906	MS27183-10	WASHER, FLAT	6
18	PAOZZ	80205	NAS3104-7-8	BOLT, U	1
19	XDOZZ	96906	MS90725-16	SCREW, CAP	5
20	PAOZZ	96906	MS35338-44	WASHER, LOCK 4" INT TOOTH	5
21	XBOZZ	57386	40030	BRACKET, ENGINE MTG RIGHT SIDE	1
22	PAOZZ	96906	MS90725-6	SCREW, CAP	6
23	XBOZZ	57386	20176	BRACE, EXHAUST PIPE	1
24	XBOZZ	57386	40031	BRACKET, ENGINE MTG LEFT SIDE	1
25	PAOZZ	97403	9786E121-1	STARTER ROPE, ENGINE	1
26	PAOZZ	93061	2202P-4-2	ELBOW, PIPE	1
27	PAOZZ	97111	BH2C	COUPLING HALF, QUICK	1
28	PAOZZ	26622	NH1002688-10	COUPLING, EXHAUST	1
29	PAOZZ	57386	A04020136	GASKET, ASBESTOS	1
30	XBOZZ	57386	50039	EXTENSION, EXHAUST	1
31	XBOZZ	57386	400118-41	CLAMP	2
32	PAOZZ	16632	FLX200111002404	HOSE, AIR DUCT	1

END OF FIGURE

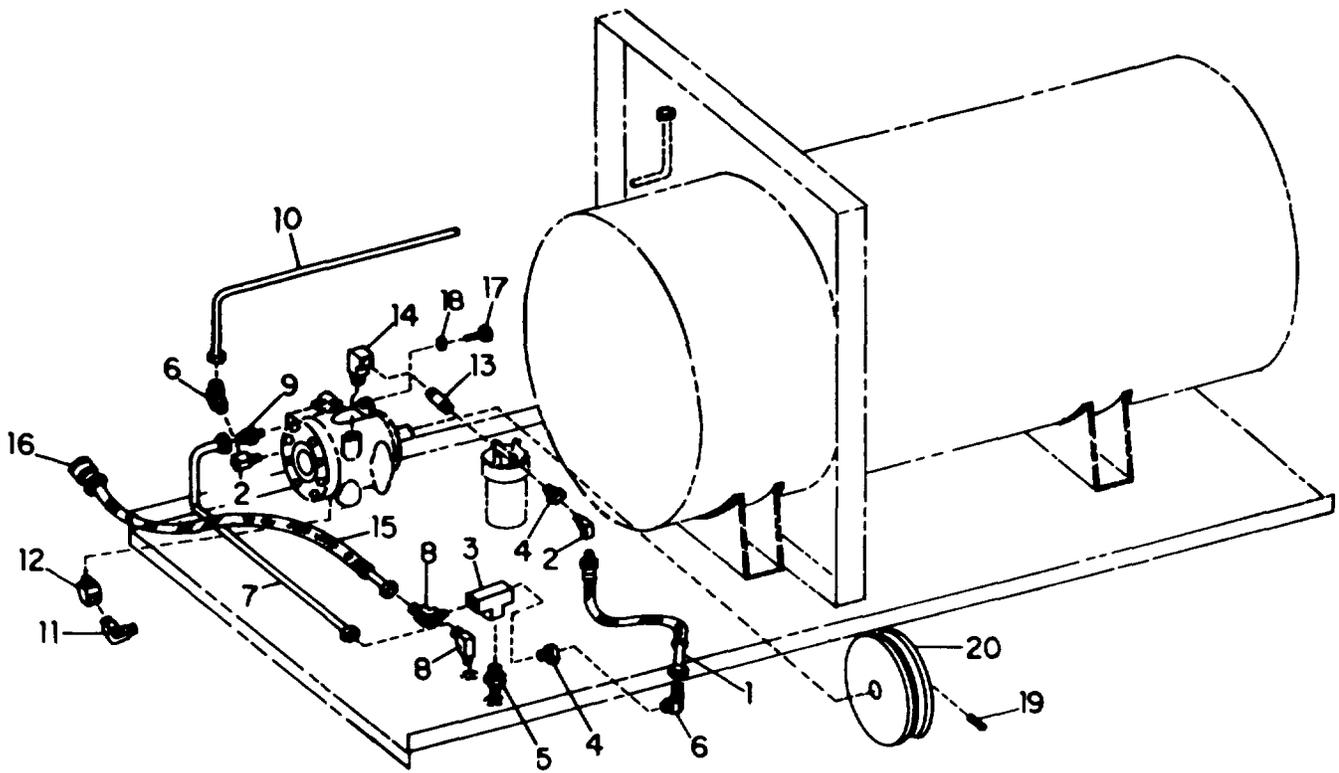


Figure 4. Fuel Lines and Fittings

SECTION II		TM5-4520-244-24P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 04 FUEL SYSTEM					
FIG. 4 FUEL LINES AND FITTINGS					
1	PAOZZ	57386	50001	HOSE ASSEMBLY, NONME	1
2	PAOZZ	93061	2202P-2-2	ADAPTER, STRAIGHT, PI	2
3	PAOZZ	93061	2203P-4	TEE, PIPE	1
4	PAOZZ	93061	209P-4-2	BUSHING, PIPE	2
5	PAOZZ	93061	216P-4	NIPPLE, PIPE	1
6	XDOZZ	30780	4VBI2-B	ELBOW, PIPE TO TUBE MALE 45 DEG	2
7	PBOZZ	57386	50002	TUBE ASSEMBLY, PUMP	1
8	PAOZZ	30780	4-4CBI2-B	ELBOW, PIPE TO TUBE	1
9	PAOZZ	30780	4FBI2-B	ADAPTER, STRAIGHT, PI	2
10	PBOZZ	57386	50003	TUBE ASSEMBLY, METAL	1
11	PAOZZ	30780	4CB12B	ELBOW, PIPE TO TUBE	1
12	PAOZZ	93061	2214P2-2	ELBOW, PIPE	1
13	PAOZZ	93061	215PNL-4-15	NIPPLE, PIPE	1
14	PAOZZ	93061	2202P-4-4	ELBOW, PIPE	1
15	XDOZZ	57386	50004	HOSE ASSEMBLY	1
16	PBOZZ	78357	VHC4-2F	COUPLING HALF, QUICK	1
17	PAOZZ	96906	MS90725-108	SCREW, CAP	1
18	PAOZZ	96906	MS27183-18	WASHER, FLAT, 1/2"	1
19	PAOZZ	96906	MS51021-60	SETSCREW	1
20	PBOZZ	57386	10028	PULLEY, GROOVE, FUEL	1

END OF FIGURE

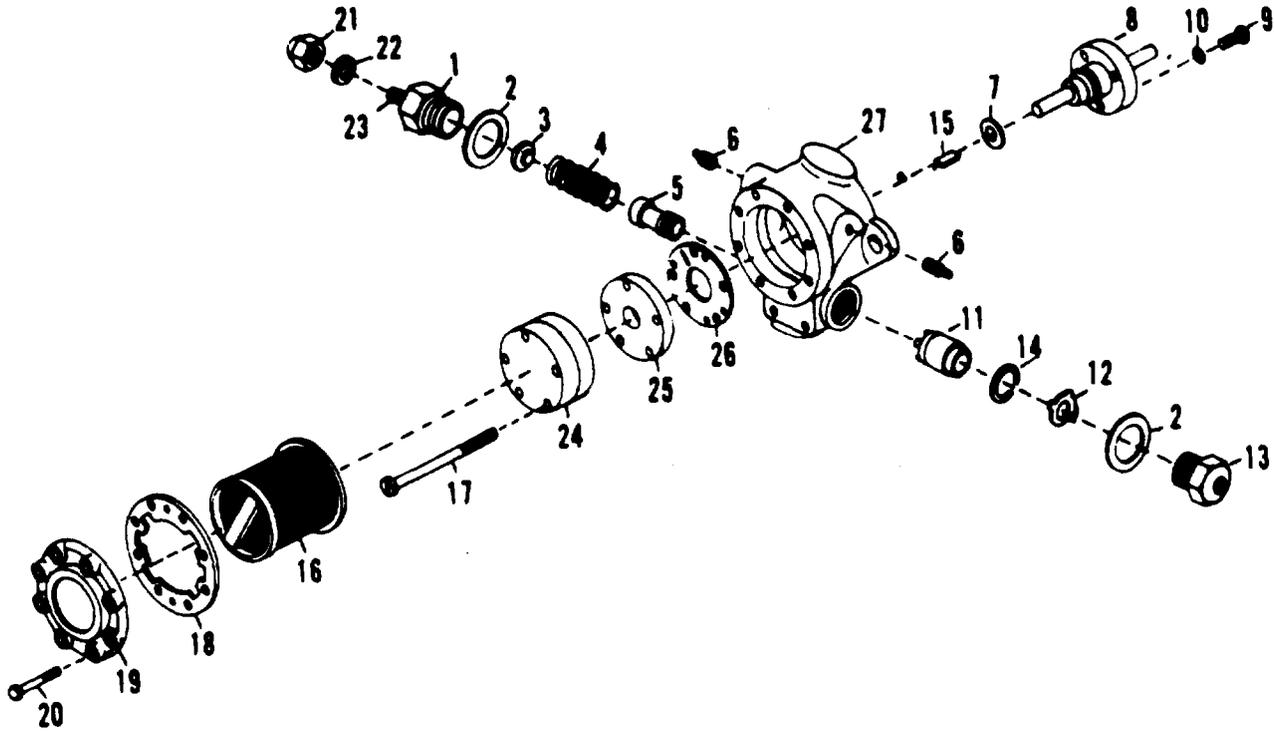


Figure 5. Fuel Pump Assembly

SECTION II		TM5-4520-244-24P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 04 FUEL SYSTEM					
FIG. 5 FUEL PUMP ASSEMBLY					
	PAOZZ	99166	J6BC-312-2	PUMP, FUEL	1
1	XBFZZ	57386	10029	. PLUG, END	1
2	XBFZZ	57386	10030	. GASKET	2
3	XBFZZ	57386	10031	. SEAT, SPRING	1
4	XBFZZ	57386	10032	. SPRING, HELICAL	1
5	XBFZZ	57386	10033	. PISTON	1
6	XBFZZ	57386	10034	. PLUG, PIPE	2
7	XBFZZ	57386	10035	. GASKET	1
8	XBFZZ	57386	10036	. BEARING	1
9	XDFZZ	96906	MS15985-10-8	. SCREW, MACHINE 2X1/2"	3
10	PAFZZ	96906	MS35333-39	. WASHER, LOCK #10, INT	3
11	XBFZZ	57386	10063	. SLEEVE, PISTON	1
12	XBFZZ	57386	10064	. RETAINER, SLEEVE	1
13	XBFZZ	57386	10065	. PLUG, END	1
14	PBFZZ	99166	28778	. PACKING, PREFORMED	1
15	XBFZZ	57386	10067	. KEY, DRIVE	1
16	PBFZZ	99166	131622A	. STRAINER ELEMENT, SE	1
17	PAFZZ	96906	MS15985-10-26	. SCREW, MACHINE	5
18	PBFZZ	99166	110441	. GASKET	1
19	XBFZZ	57386	10070	. PUMP COVER	1
20	PAOZZ	96906	MS90728-9	. SCREW, CAP	8
21	XBFZZ	57386	10071	. NUT, END CAP	1
22	PBFZZ	99166	100371	. GASKET	1
23	XBFZZ	57386	10073	. SCREW, ADJUSTING	1
24	XBFZZ	57386	10074	. PLATE ASSEMBLY, END	1
25	XBFZZ	57386	10075	. PORT HOUSING	1
26	PBFZZ	99166	113331	. GASKET	1
27	XBFZZ	57386	10077	. PUMP BODY	1

END OF FIGURE

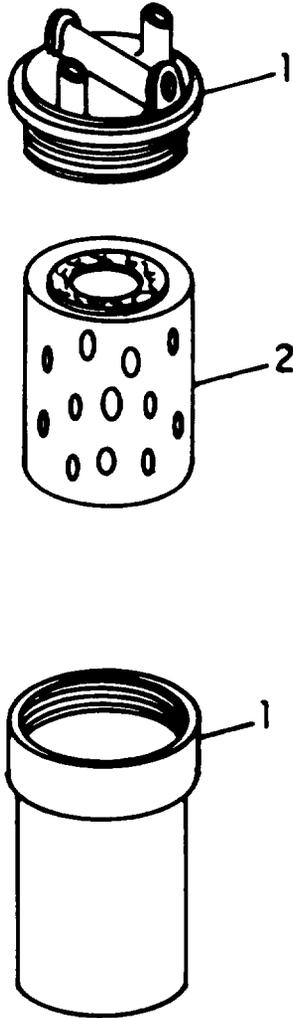


Figure 6. Fuel Filter Assembly

SECTION II				TM5-4520-244-24P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
				GROUP 04 FUEL SYSTEM	
				FIG. 6 FUEL FILTER ASSEMBLY	
1	PAOZZ	70040	GF-62-M	FILTER, FLUID	1
2	PAOZZ	70040	GF-173	.ELEMENT, FILTER	1
				END OF FIGURE	

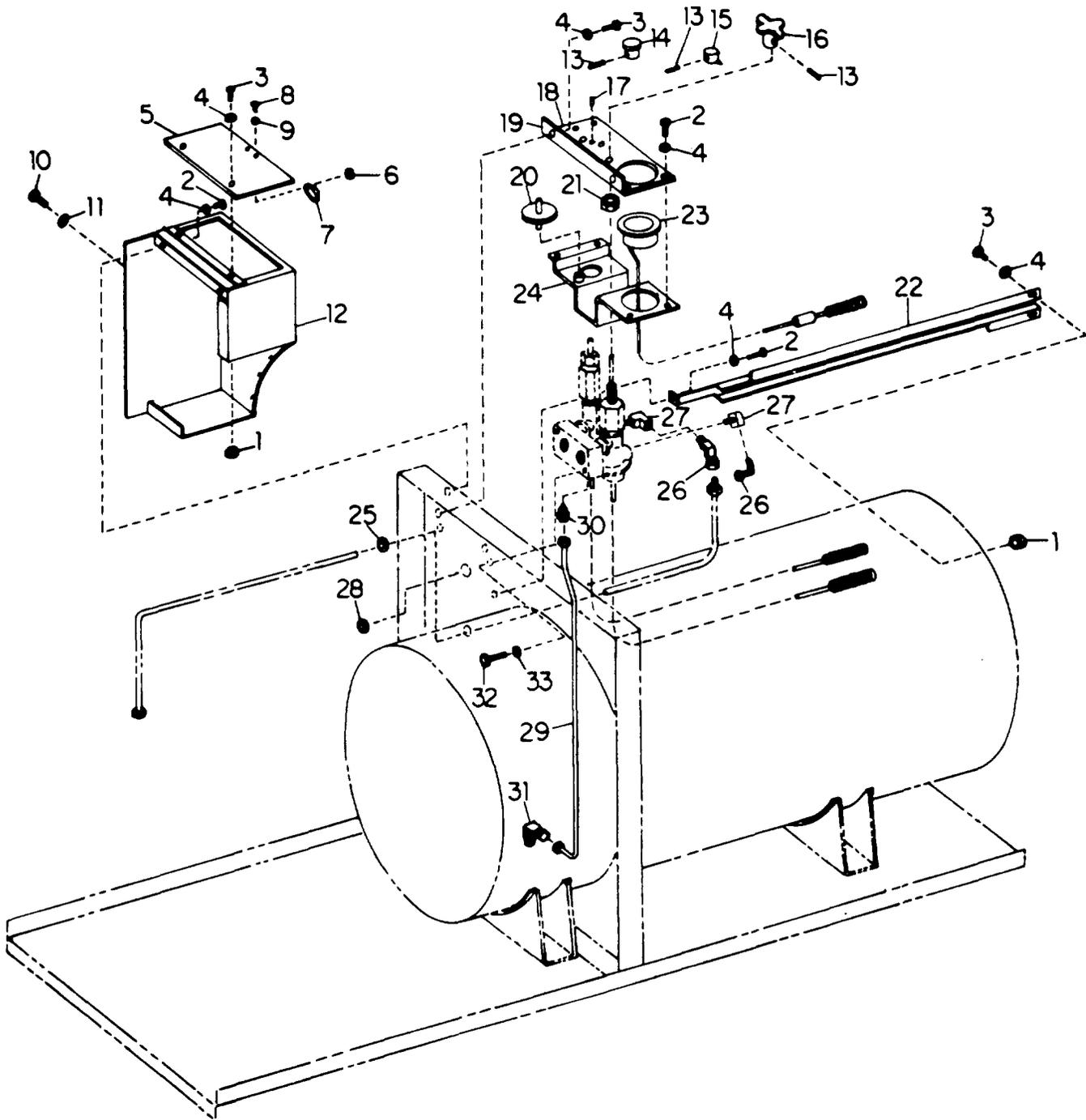


Figure 7. Control Box and Instruments

SECTION II (1)	ITEM (2)	(3)	TM5-4520-244-24P (4)	(5)	(6)
NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 05 CONTROL AND INSTRUMENTS					
FIG. 7 CONTROL BOX AND INSTRUMENTS					
1	PAOZZ	96906	MS17829-3C	NUT, SELF-LOCKING, HE	4
2	PAOZZ	96906	MS35206-261	SCREW, MACHINE	7
3	PAOZZ	96906	MS35206-263	SCREW, MACHINE	13
4	PAOZZ	96906	MS27183-8	WASHER, FLAT	13
5	XBOZZ	57386	20087	DOOR, CONTROL BOX	1
6	PAOZZ	96906	MS21043-06	.NUT, SELF-LOCK, #6-32	2
7	XBOZZ	57386	10061	.CATCH, FRICTION	1
8	PAOZZ	96906	MS35206-228	.SCREW, MACHINE, #6-32 X3/8	2
9	PAOZZ	96906	MS27183-6	.WASHER, FLAT	2
10	PAOZZ	96906	MS90725-3	SCREW, CAP	2
11	PAOZZ	96906	MS27183-10	WASHER, FLAT 4" INT TOOTH	2
12	XBOZZ	57386	50007	CONTROL BOX	1
13	PAOZZ	96906	MS51021-56	SETSCREW, HEX	3
14	XBOZZ	57386	10089	KNOB, FUEL CONTROL VALVE	1
15	PAOZA	57386	A04010090	KNOB TEMPERATURE INDICATOR	1
16	PAOZZ	92878	8227070-03	KNOB, SELCTOR VALVE	1
17	PAOZZ	07707	AD44-BS	RIVET	1
18	XBOZZ	57386	10048	PANEL, CONTROL PLATE	1
19	XBOZZ	57386	20074	PANEL, CONTROL	1
20	PAOZZ	92878	8227242-10	GEAR, TEMP SELECTOR	1
21	XBOZZ	77122	RL3/4-16-ZINC	NUT LVE	1
22	PBOZZ	57386	20066	GUARD, HOSE-TUBING CAPILLIARY TUBE	1
23	PAOZZ	90598	TR3276	THERMOMETER, INDICAT	1
24	XBOZZ	57386	50014	BRACKET, CONTROL	1
25	PAOZZ	96906	MS35489-13	GROMMET, NONMETALLIC	1
26	PAOZZ	30780	4CB12B	ELBOW, PIPE TO TUBE	2
27	PAOZZ	93061	2202P-2-2	ELBOW, PIPE	2
28	PAOZZ	96906	MS35489-15	GROMMET, NONMETALLIC	1
29	XB0ZZ	57386	50010	TUBE, BLOCK TO TANK	1
30	PAOZZ	30780	4FBI2-B	ADAPTER, STRAIGHT, PI	1
31	PAOZZ	30780	4-4CBI2-B	ELBOW, PIPE TO TUBE	1
32	PAOZZ	96906	MS90725-8	SCREW, CAP, HEXAGON H 1/4-20X1"	2
33	PAOZZ	96906	MS35338-44	WASHER, LOCK	2

END OF FIGURE

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 05 CONTROL AND INSTRUMENTS					
FIG.8 FUEL CONTROL VALVES					
1	XBOZZ	57386	10104	BOLT,FLUID PASSAGE	2
2	PAOZZ	96906	MS29513-112	PACKING,PREFORMED	2
3	PAOZZ	96906	MS29513-016	PACKING,PREFORMED	2
4	PAOZZ	57386	04010107	VALVE,REGULATING,TE	1
5	PAOZZ	96906	MS16562-211	PIN,SPRING	1
6	XBOZZ	57386	10108	STEM,TEMPERATURE CONTROL VALVE	1
7	PAOZZ	92878	8227059	VALVE,REGULATING, TE	1
8	PBOZZ	92878	HP2-4437	BLOCK	1
9	PAOZZ	93061	218P-2	PLUG,PIPE	1
END OF FIGURE					

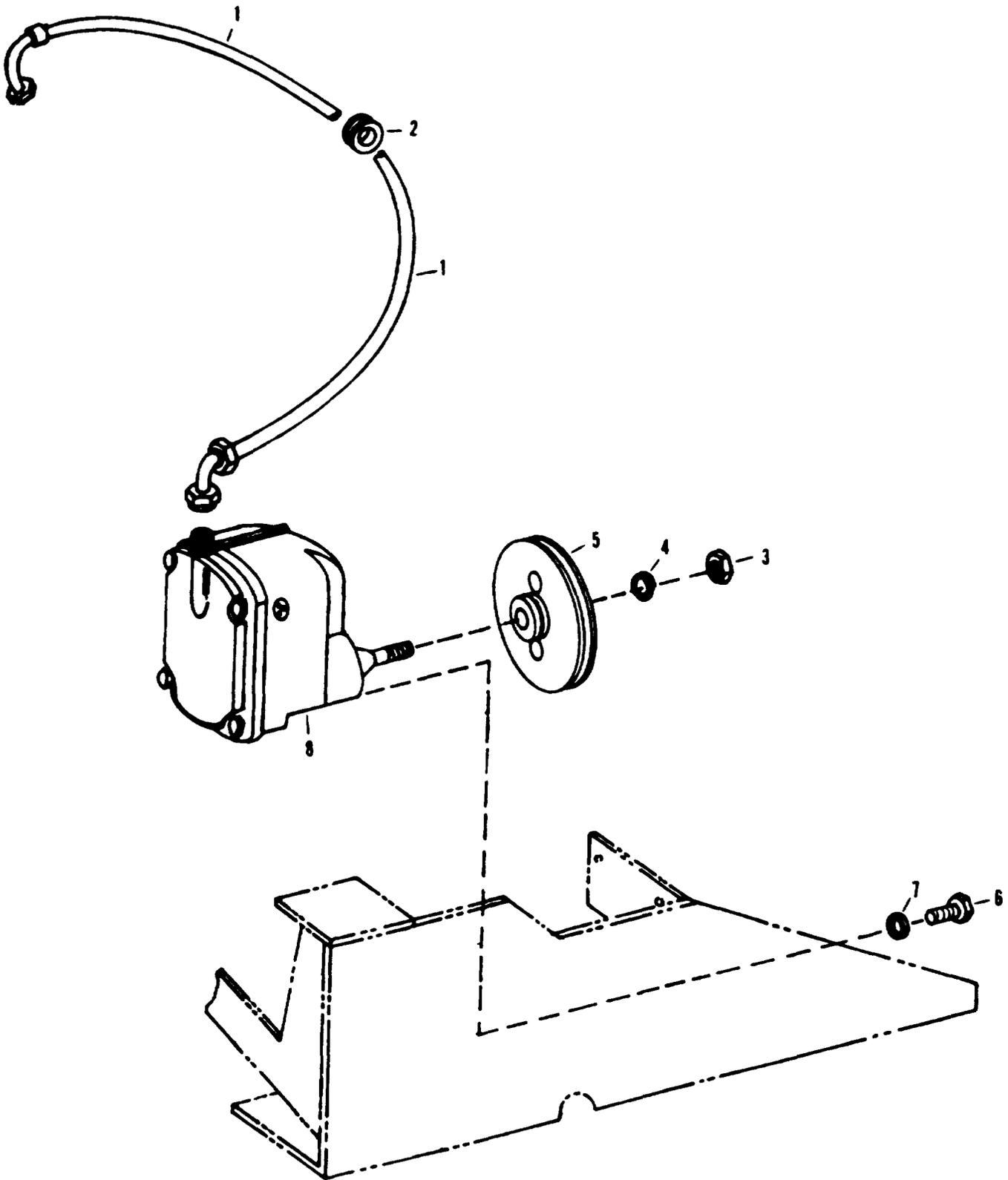


Figure 9. Ignition Cable and Magneto Drive Pulley

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 06 IGNITION SYSTEM					
FIG. 9 IGNITION CABLE AND MAGNETO DRIVE PULLEY					
1	PAOZZ	90598	TE1011C	LEAD, IGNITION, ENGIN	1
2	PAOZZ	96906	MS35489-15	GROMMET, NONMETALLIC	1
3	PAOZZ	96906	MS35649-2382	NUT, PLAIN, HEXAGON	1
4	PAOZZ	96906	MS35338-46	WASHER, LOCK ICAL	1
5	PAOZZ	57386	10112	PULLEY, MAGNETO	1
6	PAOZZ	96906	MS90725-3	SCREW, CAP	4
7	PAOZZ	96906	MS35338-44	WASHER, LOCK	4
8	PAOZZ	82796	FMXE1B88B	MAGNETO, INGNITION	1
END OF FIGURE					

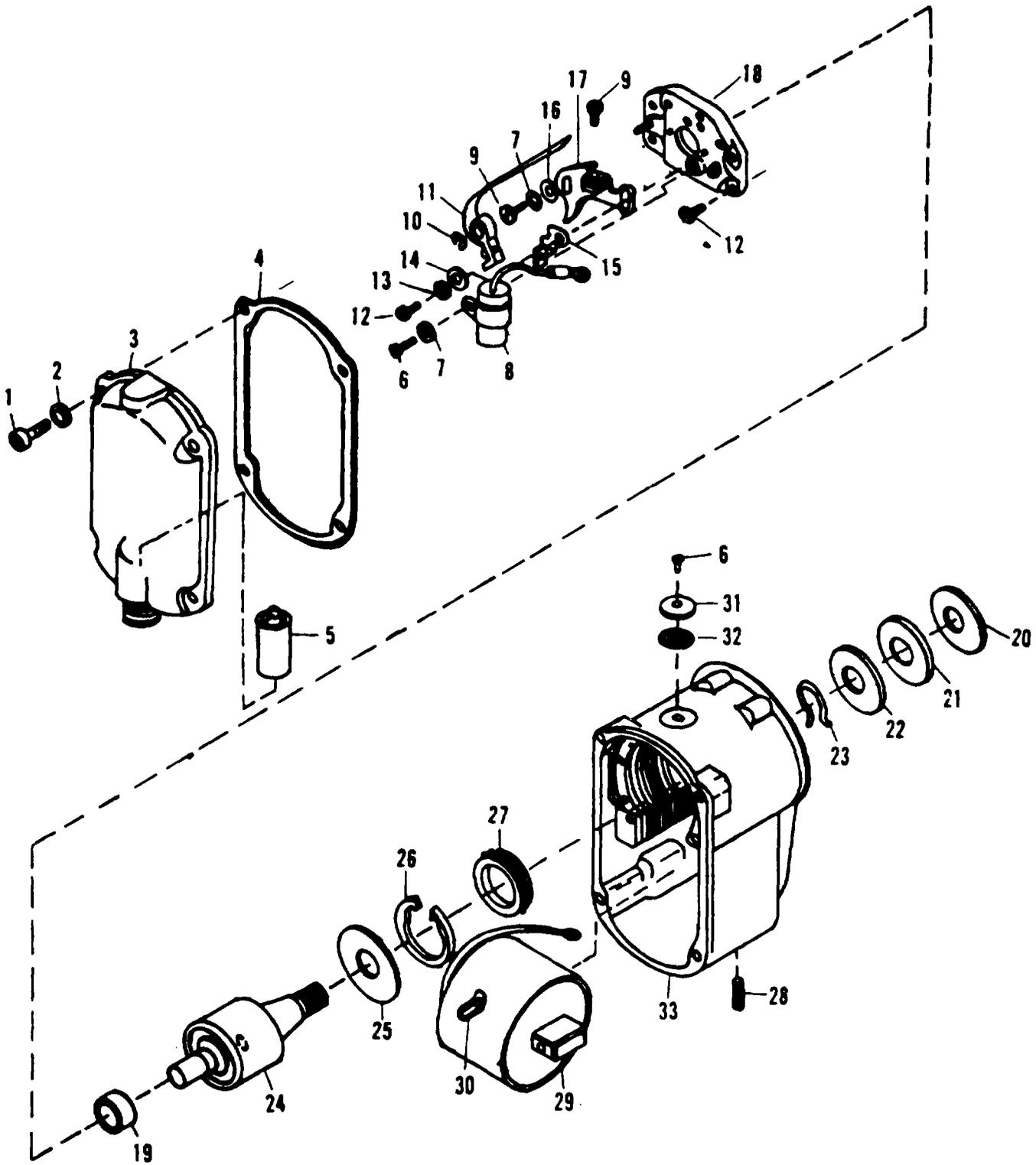


Figure 10. Magneto Assembly

SECTION II (1)	SMR (2)	(3)	TM5-4520-244-24P (4)	(5)	(6)
ITEM NO	CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 06 IGNITION SYSTEM					
FIG. 10 MAGNETO ASSEMBLY					
1	PAOZZ	96906	MS35206-264	.SCREW,MACHINE,10-24 X5/8	4
2	PAOZZ	96906	MS35333-39	.WASHER,LOCK #10,INT	4
3	XBOZZ	57386	10113	.END CAP,MAGNETO	1
4	PAOZZ	82796	K2498	.GASKET	1
5	XBOZZ	57386	10115	.CABLE OUTLET	1
6	PAOZZ	96906	MS35206-227	.SCREW,MACHINE 6-32X 5/16	2
7	PAOZZ	96906	MS35338-41	.WASHER,LOCK	2
8	PAOZZ	21387	AXMR2433	.CAPACITOR,FIXED,PAP	1
9	PAOZZ	96906	MS35206-228	.SCREW,MACHINE #6-32 X3/8	2
10	XBOZZ	57386	10117	.RETAINING RING	1
11	PAOZZ	21387	B2437AX	.CONTRACT SET, DISTRIB	1
12	PAOZZ	96906	MS35206-243	.SCREW,MACHINE #8-32 X3/8	5
13	PAOZZ	96906	MS35338-8	.WASHER,LOCK	1
14	PAOZZ	96906	MS27183-8	.WASHER,FLAT #8	1
15	XBOZZ	57386	10119	.CAMWICK AND HOLDER	1
16	PAOZZ	96906	MS27183-6	.WASHER,FLAT	1
17	XBOZZ	57386	10120	.BRACKET,STATIONARY	1
18	XBOZZ	57386	10121	.SUPPORT ROTOR BEARING	1
19	XBOZZ	57386	10122	.BEARING,SLEEVE	1
20	XBOZZ	57386	10123	.WASHER,OUTER FLAT	1
21	XBOZZ	57386	10124	.PACKING,MAGNETO	1
22	XBOZZ	57386	10125	.WASHER,INNER FLAT	1
23	XBOZZ	57386	10126	.CLIP,RETAINING	1
24	XBOZZ	57386	10127	.ROTOR,MAGNETO	1
25	XBOZZ	57386	10128	.SEAL,OIL	1
26	XBOZZ	57386	10129	.CLIP,RETAINING	1
27	XBOZZ	57386	10130	.BEARING,BALL	1
28	XDOZZ	96906	MS51021-62	.SET.SCREW 1/4-20X3/4	3
29	PAOZZ	82796	T2477C	.COIL,MAGNETO	1
30	XBOZZ	57386	10132	.CONTRACT,ELECTRICAL	1
31	XBOZZ	57386	10133	.HOOD	1
32	XBOZZ	57386	10134	.SCREEN,VENT	1
33	XBOZZ	57386	10135	.HOUSING	1

END OF FIGURE

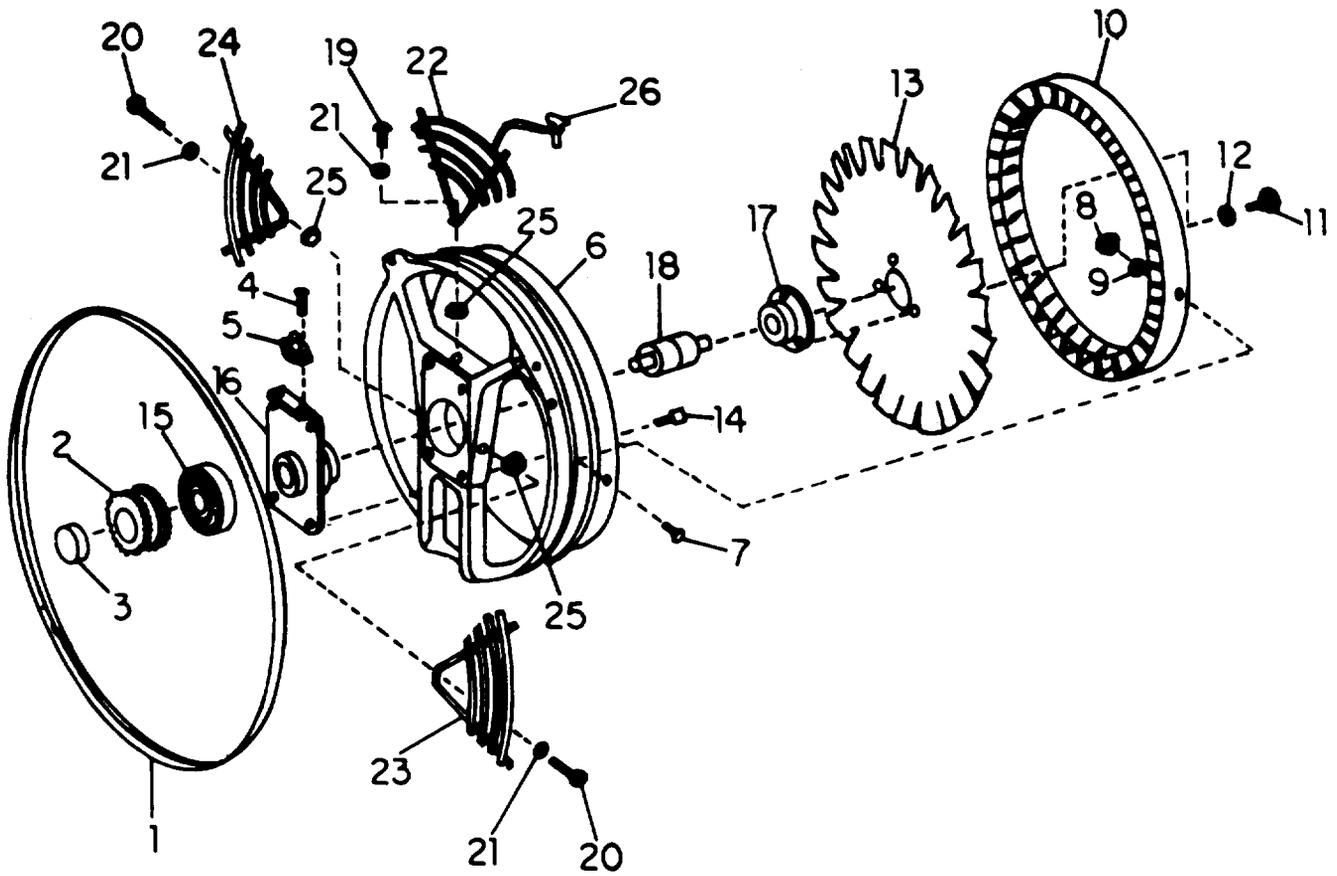


Figure 11. Drive Belt, Drive Coupling and Air Control

SECTION II (1)	SMR (2)	(3)	TM5-4520-244-24P (4)	(5)	(6)
ITEM NO	CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 07 AIR SYSTEM					
FIG. 11 DRIVE BELT, DRIVE COUPLING AND AIR CONTROL					
1	PAOZZ	96906	MS51065-42	BELT, ACCESSORY DRIVE	1
2	PAOZZ	90598	TM3917-2	SLEEVE, SEAL, COUPLER	1
3	PAOZZ	90598	TM3927	BUSHING, SLEEVE	1
4	PAOZZ	96906	MS35206-245	SCREW, MACHINE #8-32 X1 1/4	2
5	PBOZZ	76005	HT0991	MOUNT, RESILIENT	1
6	XDOZZ	57386	10017	RING, FAN	1
7	PAOZZ	96906	MS35190-253	SCREW, MACHINE NO. 8X1/2	2
8	PAOZZ	96906	MS21043-08	NUT, SELF-LOCKING	2
9	PAOZZ	96906	MS27183-7	WASHER, FLAT, #8	2
10	PAOZZ	90598	TAF3159	VANE, AIR	1
11	PAOZZ	96906	MS90725-3	SCREW, CAP, HEXAGON H	7
12	PAOZZ	96906	MS35333-40	WASHER, LOCK 1/4, FLA	7
13	PBOZO	57386	40018	IMPELLER, FAN, AXIAL	1
14	PAOZZ	96906	MS16997-80	SCREW, SOCKET HEAD	4
15	PAOZZ	90598	TM3917-1	COUPLING, HALF	1
16	XBOZZ	57386	30002	SUPPORT, FAN BEARING	1
17	PAOZZ	57386	20081	HUB, FAN, HEATER	1
18	PAOZZ	57386	04010141	BEARING, FAN AND WAT	1
19	PAOZZ	96906	MS35206-279	SCREW, MACHINE	1
20	PAOZZ	96906	MS35206-285	SCREW, MACHINE	2
21	PAOZZ	96906	MS27183-10	WASHER, FLAT	3
22	XBOZZ	57386	50018	GUARD, FAN	3
23	XBOZZ	57386	20173	GUARD, FAN, RIGHT	1
24	XBOZZ	57386	20174	GUARD, FAN, LEFT	1
25	PAOZZ	96906	MS35649-2252	NUT, PLAIN	2
26	PAOZZ	57386	10142	SCREW, THUMB	1

END OF FIGURE

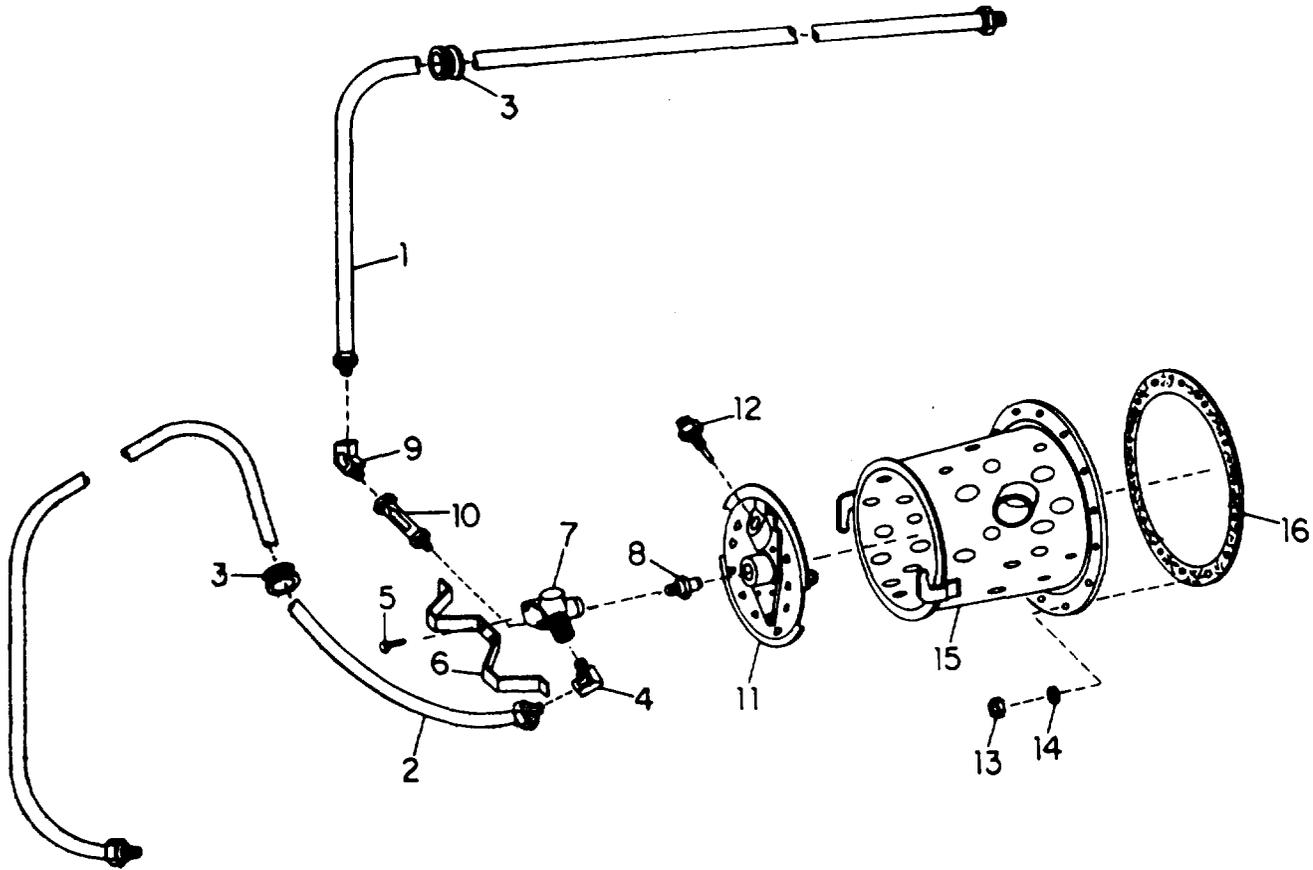


Figure 12. Combustion Chamber and Lines

SECTION II					
(1)	(2)	(3)	TM5-4520-244-24P	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 08 COMBUSTION SYSTEM					
FIG. 12 COMBUSTION CHAMBER AND LINES					
1	PAOZZ	57386	50013	HOSE ASSEMBLY	1
2	XDOZZ	57386	50004	HOSE ASSEMBLY,PUMP TO NOZZLE	1
3	PAOZZ	96906	MS35489-47	GROMMET, NONMETALLIC	2
4	PAOZZ	93061	2202P-2-2	ELBOW,PIPE	1
5	PAOZZ	96906	MS35191-270	SCREW,MACHINE	2
6	PAOZZ	57386	20069	CLAMP,COMBUSTION	1
7	PBOZZ	57386	10144	HOLDER,NOZZLE	1
8	PAOZZ	57386	04010201	NOZZLE,OIL BURNER,P	1
9	PAOZZ	93061	2214P-2-2	ELBOW,PIPE	1
10	PAOZZ	83533	0130600200	VALVE,CHECK	1
11	XBOZZ	57386	50030	PLATE ASSEMBLY	1
12	PAOZZ	70673	SI-180	PLUG,IGNITOR	1
13	PAOZZ	96906	MS51922-6	NUT,SELF-LOCKING	16
14	PAOZZ	96906	MS35333-74	WASHER,LOCK	16
15	XBFZZ	92878	8227089-10	COMBUSTOR ASSEMBLY	1
16	PAFZZ	57386	04010149	GASKET	1
END OF FIGURE					

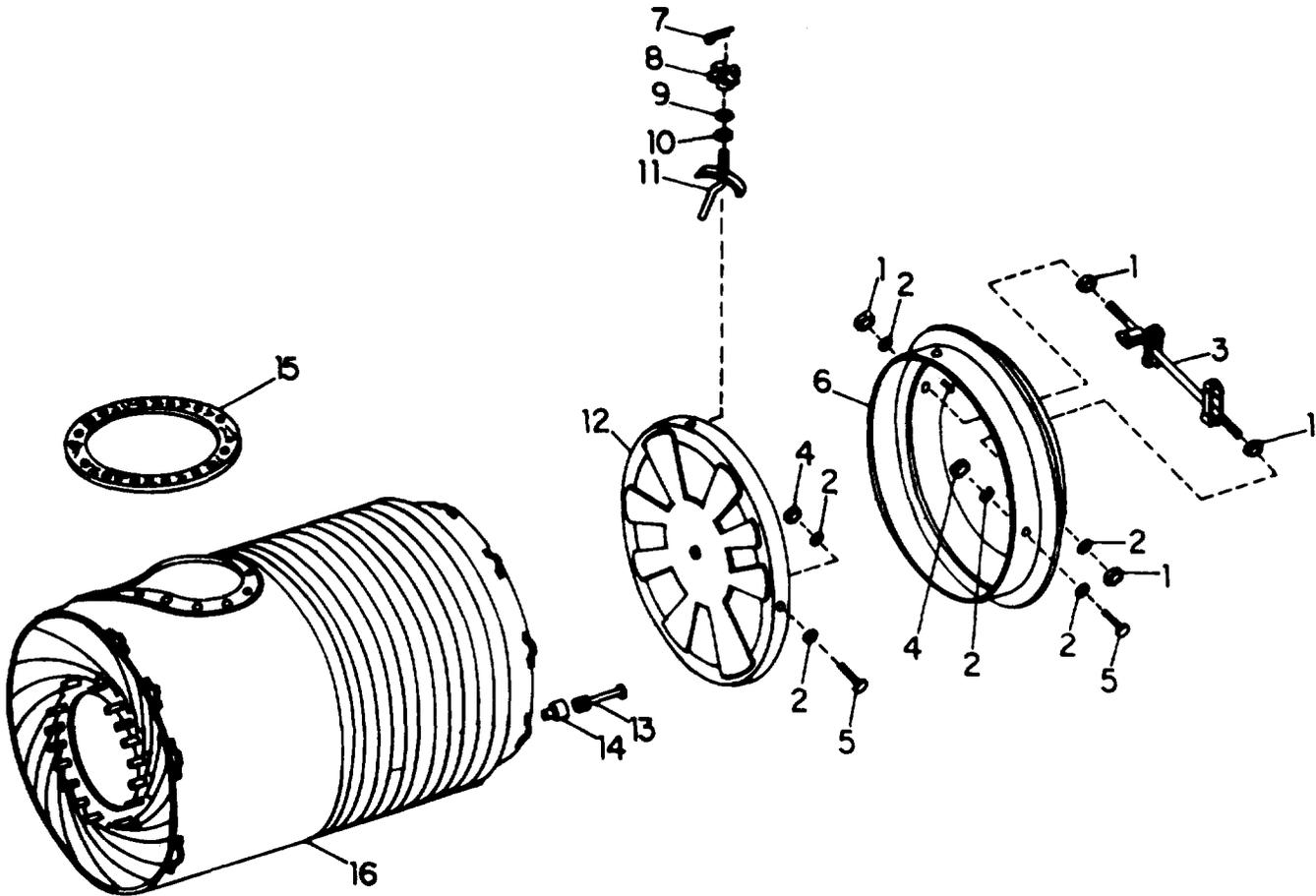


Figure 13. Heat Exchanger and Damper Control

SECTION II					
(1)	(2)	(3)	TM5-4520-244-24P	(5)	(6)
ITEM	SMR		PART		
NO	CODE	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 09 HEAT EXCHANGER					
FIG. 13 HEAT EXCHANGER AND DAMPER CONTROL					
1	PAOZZ	96906	MS35649-202	NUT, PLAIN, HEXAGON	4
2	PAOZZ	96906	MS27183-8	WASHER, FLAT	9
3	XBOZZ	90598	TAF3157	SUPPORT, BULB ASSY 3/16 DIA X 12 7/16 L #10-24UNC TYP	1
4	PAOZZ	96906	MS17829-3C	NUT, SELF-LOCKING, HE	7
5	PAOZZ	96906	MS35206-261	SCREW, MACHINE	7
6	XBOZZ	57386	40020	ADAPTOR, DUCT	1
7	PAOZZ	96152	A82-1	PIN, COTTER	1
8	XBOZZ	57386	10150	HANDWHEEL	1
9	PAOZZ	96906	MS27183-10	WASHER, FLAT 1/4"	1
10	XBOZZ	57386	40118-24	WASHER, NONMETALLIC	1
11	XBOAA	57386	50032	CONTROL, DAMPER ARM	1
12	XBOZZ	57386	40023	DAMPER, AIR	1
13	XBFZZ	57386	20045-1	TUBE ASSY, DRAIN	1
14	XBFZZ	02570	B600-6-5	UNION, REDUCING	1
15	PAFZZ	92878	8227121-01	GASKET ER	1
16	PBFZF	90598	20038	HEAT EXCHANGER, HEAT	1

END OF FIGURE

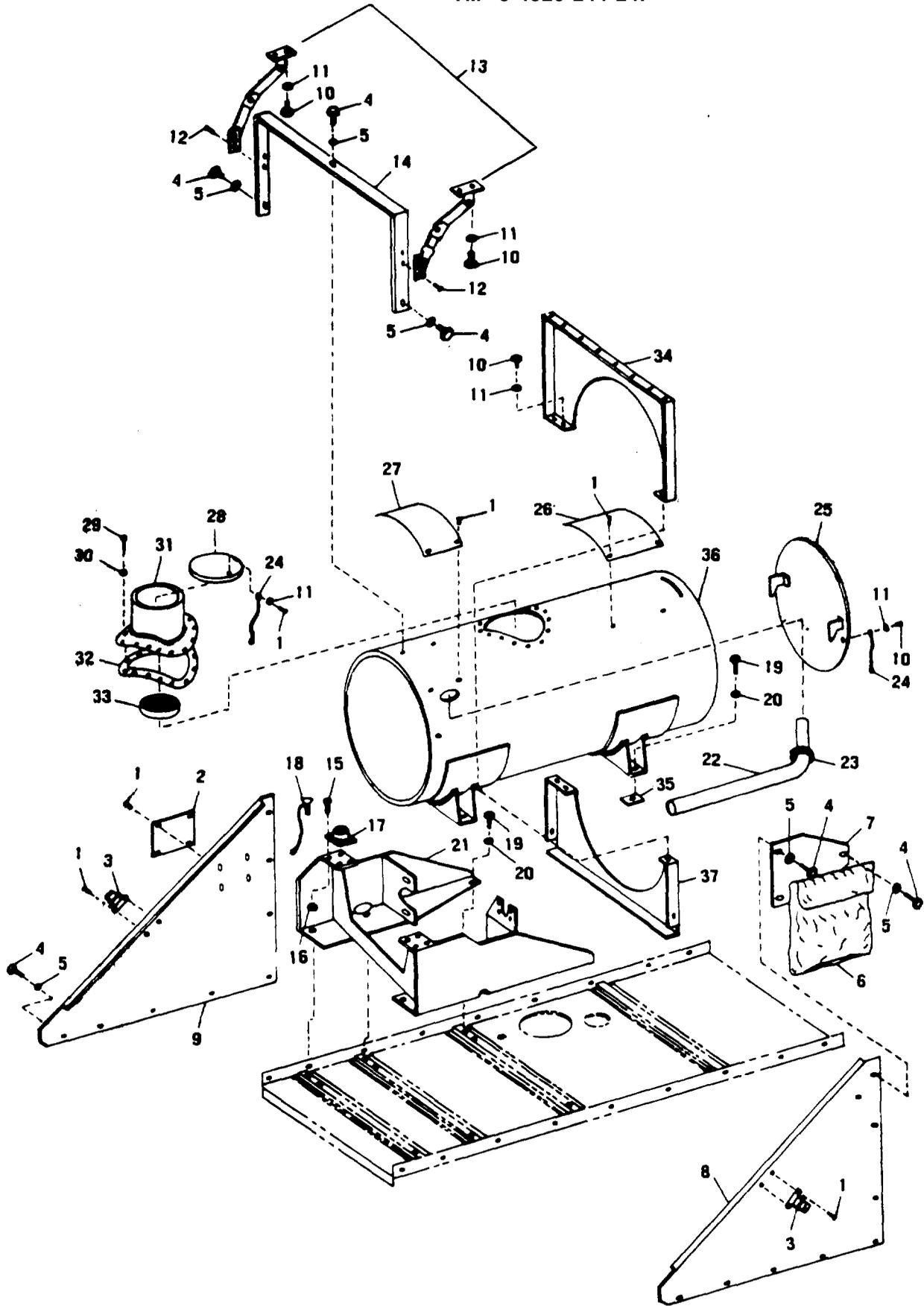


Figure 14. Casing, Bulkheads and Side Panels

SECTION II (1) ITEM NO	(2) SMR CODE	(3) CAGEC	TM5-4520-244-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 10 BULKHEAD, SIDE PANELS AND CASING					
FIG. 14. CASING.BULKHEADS.AND SIDE PANELS					
1	XDOZZ	96906	MS24662-2	RIVET, BLIND	17
2	PAOZZ	98752	8227018-01	PLATE, INSTRUCTION	1
3	PAOZZ	70494	15824-1	LATCH	2
4	PAOZZ	96906	MS90725-6	SCREW, CAP	3
5	PAOZZ	96906	MS27183-10	WASHER, FLAT	15
6	XDOZZ	81349	MIL-C-11743	CASE	1
7	XBOZZ	57386	20165	HOLDER, BAG	1
8	XBOZZ	57386	20115-1	PANEL, LEFT SIDE	1
9	XBOZZ	57386	20115-2	PANEL, RIGHT SIDE	1
10	PAOZZ	96906	MS35206-261	SCREW, MACHINE	8
11	PAOZZ	96906	MS35333-39	WASHER, FLAT	8
12	PAOZZ	96906	MS35190-251	SCREW, MACHINE, #8-32 X3/8	4
13	PAOZZ	97403	13227E6195	KIT, HOOD SPT ASSY	1
14	XBOZZ	57386	20067	BRACKET	1
15	PAOZZ	96906	MS35206-264	SCREW, MACHINE	8
16	PAOZZ	96906	MS17829-3C	NUT, SELF-LOCKING	8
17	XDOZZ	76005	HT1-15	MOUNT, RESILIENT	2
18	PAOZZ	57386	10142	SCREW, THUMB ASSY	2
19	PAOZZ	96906	MS90725-29	BOLT, MACHINE	10
20	PAOZZ	96906	MS27183-13	WASHER, FLAT	10
21	XBOZZ	57386	40012	MOUNT, MOTOR	1
22	XBOZZ	57386	20166	PIPE, EXHAUST	1
23	PAOZZ	57386	04030009	GASKET	1
24	PAOZZ	57386	10165	CABLE	2
25	PAOZZ	57386	40011	COVER	1
26	XBFZZ	57386	10041	PLATE, OPERATING INSTRUCTIONS	1
27	XBFZZ	57386	10213	PLATE, INSTRUCTION, FUEL SYSTEM DIAGRAM	1
28	PAOZZ	38529	20061	COVER, EXHAUST STACK	1
29	PAFZZ	96906	MS35206-247	SCREW, MACHINE NO. 8X1/2	12
30	PAFZZ	96906	MS27183-7	WASHER, FLAT	12
31	XBFZZ	57386	40015	STACK, EXHAUST	1
32	PAFZZ	97403	13228E8412	GASKET	1
33	PAOZZ	92878	8227123-10	SPARK, ARRESTOR	1
34	XBFZZ	57386	50028	BULKHEAD, UPPER	1
35	XBFZZ	57386	20141	WASHER, SPECIAL	4
36	XBFZZ	57386	50033	CASING	1
37	XBFZZ	57386	50029	BULKHEAD, LOWER	1

END OF FIGURE

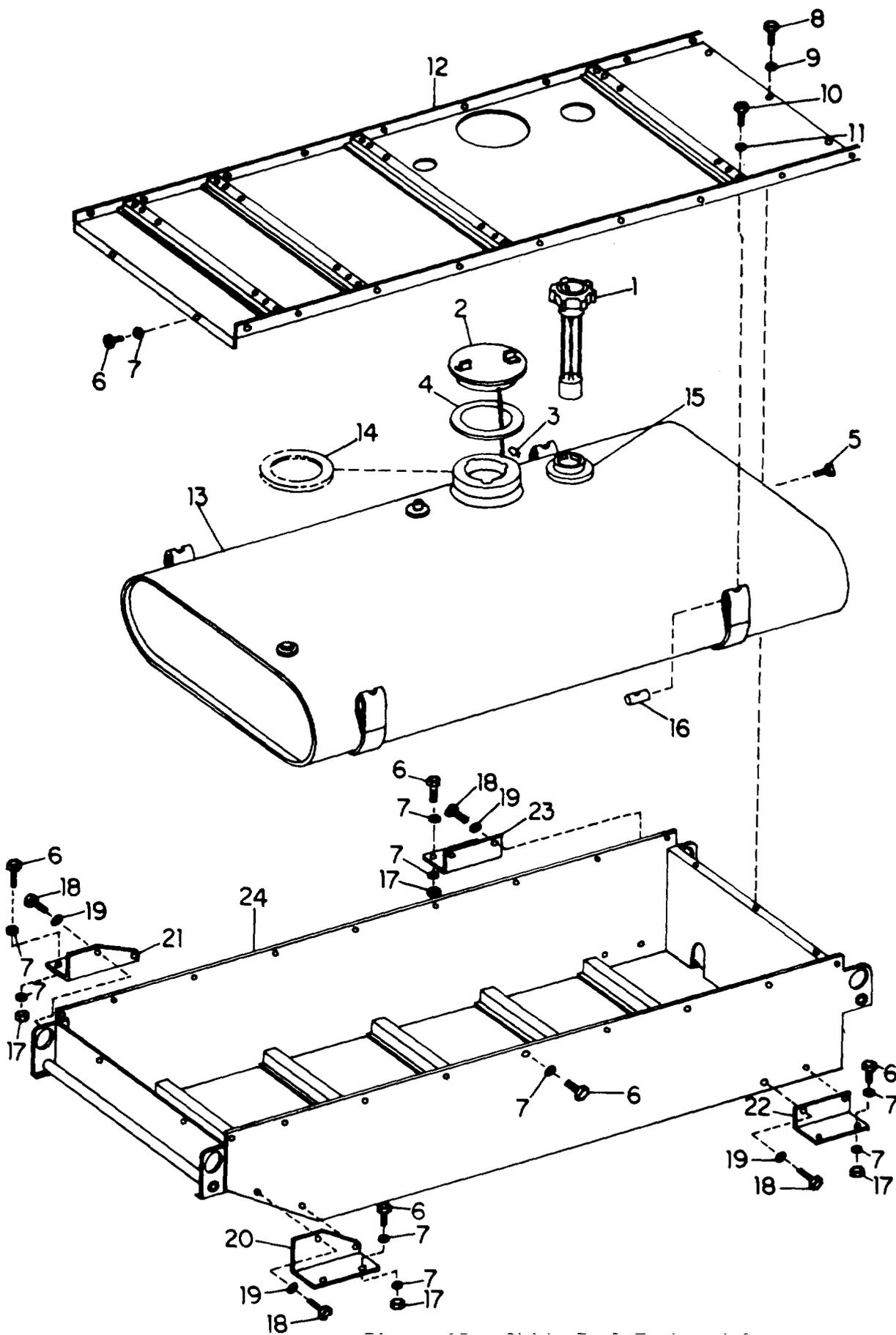


Figure 15. Skid, Fuel Tank and Cover

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4520-244-24P (4)	(5)	(6)
NO	CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 11 SKID, COVER AND FUEL TANK					
FIG. 15 SKID, FUEL TANK AND COVER					
1	PAOZZ	23224	50100A-6 1/4	GAGE, LIQUID QUANTIT	1
2	PAOZZ	96906	MS35645-1	CAP, FILLER OPENING	1
3	PAOZZ	96906	MS29523-1	PIN, RETAINING	1
4	PAOZZ	96906	MS35643-1	GASKET	1
5	XDOZZ	30780	6HP50N-S	PLUG	1
6	PAOZZ	96906	MS90725-3	SCREW, CAP	26
7	PAOZZ	96906	MS27183-10	WASHER, FLAT 4 INT TOOTH	18
8	PAFZZ	96906	MS35206-261	SCREW, MACHINE	3
9	PAFZZ	96906	MS27183-8	WASHER, FLAT	3
10	PAFZZ	96906	MS90725-62	SCREW, CAP	4
11	PAFZZ	96906	MS35338-46	WASHER, LOCK	4
12	XBFZZ	57386	40010	COVER, SKID	1
13	PAOZZ	57386	D04040007	TANK, FUEL, ENGINE	1
14	XDFZZ	57386	10195	GASKET	1
15	PAFZZ	57386	10204	GASKET	1
16	PAFZZ	57386	10037	NUT, PLAIN, BARREL	4
17	PAFZZ	96906	MS51922-1	NUT, SELF-LOCKING, HE	8
18	PAOZZ	96906	MS90725-29	BOLT, MACHINE NO. 8X1/2	8
19	PAOZZ	96906	MS27183-13	WASHER, FLAT	8
20	XBFZZ	57386	20062-1	BRACKET, LEFT, FRONT	1
21	XBFZZ	57386	20062-2	BRACKET, RIGHT, FRONT	1
22	XBFZZ	57386	20063-1	BRACKET, LEFT REAR	1
23	XBFZZ	57386	20063-2	BRACKET, RIGHT REAR	1
24	XBFZZ	57386	20057-A	SKID	1

END OF FIGURE

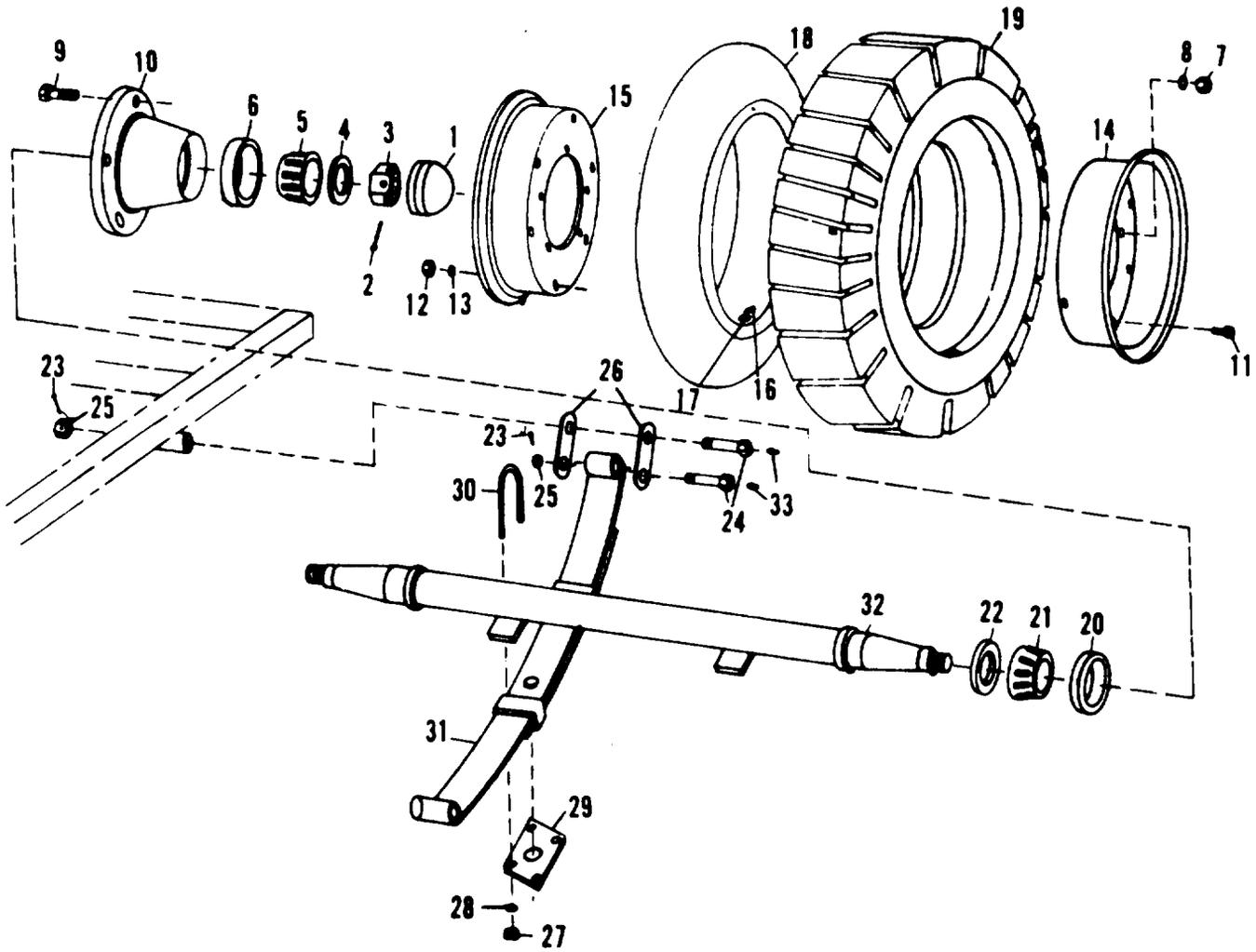


Figure 16. Trailer Assembly

SECTION II (1) ITEM NO	(2) SMR CODE	(3) CAGEC	TM5-4520-244-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 12 TRAILER ASSEMBLY					
FIG. 16 TRAILER ASSEMBLY					
1	PAOZZ	02582	9-10C102	CAP, GREASE	2
2	PAOZZ	96906	MS24665-359	PIN, COTTER	2
3	PAOZZ	96906	MS35692-77	NUT, PLAIN	2
4	XDOZZ	22938	6311	SEAL, GREASE	2
5	PBOZZ	60038	15123	CONE AND ROLLERS, TA	2
6	PBOZZ	60038	15245	CUP, TAPERED ROLLER	2
7	PAOZZ	96906	MS51972-5	NUT, PLAIN, HEXAGON	10
8	PAOZZ	96906	MS35338-48	WASHER, LOCK	10
9	PBOZZ	22938	6251-10	STUD, PLAIN	10
10	PAOZZ	96906	MS24328-1	HUB, WHEEL, VEHICULAR	2
11	XDOZZ	96906	MS90725-60	SCREW, CAP, HEXAGON H	16
12	PAOZZ	96906	MS35690-624	NUT, PLAIN	16
13	PAOZZ	96906	MS35338-46	WASHER, LOCK	16
14	PAOZZ	96906	MS24326-1	WHEEL	2
15	PAOZZ	96906	MS24326-1	WHEEL	2
16	PAOZZ	96906	MS51375-1	CAP, TUB VALVE	2
17	PAOZZ	81336	910-08-2898-500	VALVE CORE	2
18	PAOZZ	96906	MS35392-52	TUBE, INNER	2
19	PAOFF	81348	ZZ-T-410A/GP1/6. 00/6.90-9/C/PLRB	TIRE, PNEUMATIC	2
20	PBOZZ	22938	6003824720	BEARING, ROLLER	2
21	PBOZZ	22938	6003824780	CONE AND ROLLERS, TA	2
22	PBOZZ	99024	16-6200	SEAL, GREASE	2
23	PAFZZ	96906	MS24665-357	PIN, COTTER	6
24	XBFZZ	99024	916X3NFBLN	BOLT, SHACKLE	6
25	PAFZZ	96906	MS35692-45	NUT, PLAIN, SLOTTED, H	6
26	XBFZZ	99024	11-5208	SHACKLE	4
27	PAOZZ	96906	MS51922-1	NUT, SELF-LOCKING, HE	8
28	PAFZZ	96906	MS27183-10	WASHER, FLAT	8
29	XBFZZ	99024	11-753	PLATE, SPRING	2
30	XBFZZ	99024	17-5643LN	U-BOLT, 1/4-20	4
31	XBFZZ	57386	30036	SPRING ASSEMBLY	2
32	XBFZZ	57386	30038	AXLE ASSEMBLY	1
33	PAFZZ	96906	MS15003-1	FITTING, LUBRICATION	6

END OF FIGURE

Section III. SPECIAL TOOLS LIST

(Not Applicable)

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG	ITEM	STOCK NUMBER	FIG	ITEM
5306-00-001-4900	3	18	4730-00-277-8289	4	5
5310-00-003-4094	16	8	4730-00-278-4824	4	14
5310-00-004-5033	9	4	4730-00-278-8261	3	26
5315-00-013-7214	16	2	4730-00-287-3281	8	9
5315-00-039-5563	8	5	5325-00-290-6163	7	25
5310-00-045-3296	3	4	5315-00-298-1481	16	23
5310-00-045-4007	10	7	4530-00-300-9598	12	8
4730-00-050-4208	16	33	2920-00-345-7398	10	11
2610-00-050-9840	16	19	2920-00-349-3887	10	29
5310-00-056-3395	9	3	5330-00-375-1690	5	18
5305-00-059-4568	11	7	4520-00-405-4266	11	10
2640-00-060-3550	16	16	4730-00-471-3102	4	3
5310-00-067-9507	1	17	5330-00-472-6189	5	22
5305-00-068-0500	7	10	5315-00-514-2660	15	3
	9	6	2920-00-519-5282	9	1
	11	11	5330-00-523-8602	10	4
	15	6	5310-00-543-2740	12	14
5305-00-068-0502	3	22	5310-00-550-1130	11	12
	14	4	5310-00-576-5752	5	10
5310-00-070-1902	16	3		10	2
5310-00-082-1404	2	13		14	11
	7	9	5310-00-582-5965	1	21
	10	16		3	20
5320-00-083-5009	1	23		7	33
	3	10		9	7
5310-00-087-7493	14	20	2530-00-590-2680	16	14
	15	19		16	15
5310-00-088-1251	1	8	5310-00-637-9541	15	11
	3	16		16	13
	15	17	4520-00-675-5331	1	3
	16	27	4820-00-678-0108	12	10
4730-00-119-3719	4	16	5330-00-684-7851	15	4
2910-00-141-9758	15	2	5340-00-685-5683	14	3
5310-00-143-6102	12	13	5310-00-689-3877	1	4
5325-00-174-9008	7	28		3	11
	9	2		7	1
4730-00-196-0930	4	4		13	4
3110-00-198-2169	16	5		14	16
3110-00-198-2170	16	6	5305-00-716-8182	1	16
2530-00-204-2212	16	1	5330-00-718-6547	5	26
4520-00-213-9929	2	19	5310-00-725-7382	16	12
5305-00-225-3839	7	32	5330-00-733-2208	8	2
5305-00-225-3842	5	20	3030-00-756-8395	11	1
5306-00-225-9086	3	6	5330-00-797-3506	3	15
5340-00-235-5864	1	15	5310-00-809-4058	1	9
5330-00-248-3845	8	3		3	17
5310-00-261-7340	10	13		7	11
5910-00-262-8433	10	8		11	21
5305-00-269-3213	15	10		13	9
4730-00-277-5683	4	12		14	5

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG	ITEM	STOCK NUMBER	FIG	ITEM
5310-00-809-4058	15	7	5305-00-984-6210	7	3
	16	28	5305-00-984-6211	10	1
5310-00-809-5998	4	18		14	15
5310-00-809-8544	11	9	5305-00-984-6213	3	12
	14	30	5305-00-984-7361	12	5
5310-00-809-8546	1	5	5305-00-988-1171	11	20
	2	2	5305-00-988-1720	1	20
	3	13	5305-00-988-1723	11	19
	7	4	5310-00-997-1888	11	25
	10	14	4520-01-003-1463	11	15
	13	2	5340-01-004-7125	11	5
	15	9	4730-01-009-2293	4	8
5305-00-809-9385	4	19		7	31
5305-00-817-6139	7	13	5307-01-021-1779	16	9
5305-00-820-7039	5	17	4730-01-038-2350	3	27
5315-00-839-2325	13	7	4730-01-066-0124	5	16
5310-00-850-6884	16	25	4520-01-088-7627	11	17
5310-00-878-3291	2	12	4710-01-088-7790	4	10
	7	6	4520-01-088-8363	12	7
5310-00-878-7196	11	8	4710-01-088-9949	4	7
2530-00-893-0568	16	10	4720-01-089-0759	4	1
5320-00-899-0981	2	8	4720-01-089-0760	12	1
3120-00-915-5445	11	3	4520-01-089-0878	13	16
5310-00-924-8210	16	7	3020-01-090-3521	4	20
5305-00-925-0628	11	26	5310-01-090-7193	15	16
	14	18	3020-01-090-9792	9	5
6685-00-925-4957	7	23	4140-01-091-0270	11	13
5310-00-934-9758	13	1	4520-01-100-3440	8	8
5330-00-941-8567	11	2	5330-01-100-5756	13	15
4320-00-946-0180	5		5355-01-100-9684	7	15
2920-00-948-7399	9	8	4520-01-101-0966	14	33
5305-00-958-5473	14	12	5330-01-103-8602	16	22
2990-00-972-7950	3	25	5330-01-133-0208	3	29
5305-00-983-6621	11	14	5330-01-133-0209	15	15
5305-00-984-4984	10	6	5330-01-134-5816	14	23
5305-00-984-4988	2	14	4520-01-149-9272	14	25
	7	8	4520-01-149-9273	14	28
	10	9	2910-01-154-9267	15	13
5305-00-984-6191	10	12	2990-01-163-5181	1	19
5305-00-984-6193	11	4	4520-01-189-2991	3	28
5305-00-984-6195	14	29	6680-01-206-6588	15	1
5305-00-984-6208	2	1	4520-01-211-6842	14	13
	2	10	4720-01-214-1268	3	32
	2	16	5355-01-220-9525	7	16
	2	20	5325-01-228-3341	12	3
	7	2	5330-01-241-3447	14	32
	13	5	4520-01-244-6209	7	20
	14	10	5340-01-318-3837	12	6
	15	8	4820-01-363-7226	8	7

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
07707	AD32-BS		2	18
61957	AD42BS	5320-00-899-0981	2	8
07707	AD43-BS	5320-00-083-5009	1	23
			3	10
07707	AD44-BS		7	17
21387	AXMR2433	5910-00-262-8433	10	8
57386	A04010010	5330-00-797-3506	3	15
57386	A04010090	5355-01-100-9684	7	15
57386	A04020136	5330-01-133-0208	3	29
96152	A82-1	5315-00-839-2325	13	7
97111	BH2C	4730-01-038-2350	3	27
57386	B040-10164		2	5
57386	B04000421		2	7
21387	B2437AX	2920-00-345-7398	10	11
02570	B600-6-5		13	14
57386	D04040007	2910-01-154-9267	15	13
16632	FLX200111002404	4720-01-214-1268	3	32
82796	FMXE1B88B	2920-00-948-7399	9	8
30299	FT621	4520-00-675-5331	1	3
70040	GF-173		6	2
70040	GF-62-M		6	1
92878	HP2-4437	4520-01-100-3440	8	8
61864	HS51248	5340-00-235-5864	1	15
76005	HT0991	5340-01-004-7125	11	5
76005	HT1-15		14	17
99166	J6BC-312-2	4320-00-946-0180	5	
82796	K2498	5330-00-523-8602	10	4
81349	MIL-C-11743		14	6
81349	MIL-H-7365-SIZEA		1	2
81349	MIL-H-7365-SIZEB		1	1
81336	MODEL 1A08-3		3	1
96906	MS15003-1	4730-00-050-4208	16	33
96906	MS15985-10-26	5305-00-820-7039	5	17
96906	MS15985-10-8		5	9
96906	MS16562-211	5315-00-039-5563	8	5
96906	MS16997-80	5305-00-983-6621	11	14
96906	MS17829-3C	5310-00-689-3877	1	4
			3	11
			7	1
			13	4
			14	16
96906	MS21043-06	5310-00-878-3291	2	12
			7	6
96906	MS21043-08	5310-00-878-7196	11	8
96906	MS24326-1	2530-00-590-2680	16	14
			16	15
96906	MS24328-1	2530-00-893-0568	16	10
96906	MS24662-2		2	6
			14	1
96906	MS24665-357	5315-00-298-1481	16	23
96906	MS24665-359	5315-00-013-7214	16	2

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM			
96906	MS27183-10	5310-00-809-4058	1	9			
			3	17			
			7	11			
			11	21			
			13	9			
			14	5			
			15	7			
			16	28			
			96906	MS27183-13	5310-00-087-7493	14	20
						15	19
						15	18
			96906	MS27183-18	5310-00-809-5998	4	13
			96906	MS27183-6	5310-00-082-1404	2	9
						7	16
						10	9
96906	MS27183-7	5310-00-809-8544	14	30			
96906	MS27183-8	5310-00-809-8546	1	5			
			2	2			
			3	13			
			7	4			
			10	14			
			13	2			
			15	9			
			8	3			
			96906	MS29513-016	5330-00-248-3845	8	2
			96906	MS29513-112	5330-00-733-2208	8	3
			96906	MS29523-1	5315-00-514-2660	15	12
			96906	MS35190-251	5305-00-958-5473	14	7
			96906	MS35190-253	5305-00-059-4568	11	5
			96906	MS35191-270	5305-00-984-7361	12	6
			96906	MS35206-227	5305-00-984-4984	10	14
96906	MS35206-228	5305-00-984-4988	2	8			
			7	9			
			10	12			
96906	MS35206-243	5305-00-984-6191	10	4			
96906	MS35206-245	5305-00-984-6193	11	29			
96906	MS35206-247	5305-00-984-6195	14	1			
96906	MS35206-261	5305-00-984-6208	2	10			
			2	16			
			2	20			
			2	2			
			7	5			
			13	10			
			14	8			
			15	3			
96906	MS35206-263	5305-00-984-6210	7	1			
96906	MS35206-264	5305-00-984-6211	10	15			
			14	12			
96906	MS35206-266	5305-00-984-6213	3	20			
96906	MS35206-276	5305-00-988-1720	1	19			
96906	MS35206-279	5305-00-988-1723	11	20			
96906	MS35206-285	5305-00-988-1171	11				

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
96906	MS35333-39	5310-00-576-5752	5	10
			10	2
			14	11
96906	MS35333-40	5310-00-550-1130	11	12
96906	MS35333-74	5310-00-543-2740	12	14
96906	MS35338-41	5310-00-045-4007	10	7
96906	MS35338-43	5310-00-045-3296	3	4
96906	MS35338-44	5310-00-582-5965	1	21
			3	20
			7	33
			9	7
96906	MS35338-45		3	7
96906	MS35338-46	5310-00-004-5033	9	4
		5310-00-637-9541	15	11
			16	13
96906	MS35338-48	5310-00-003-4094	16	8
96906	MS35338-8	5310-00-261-7340	10	13
96906	MS35392-52		16	18
96906	MS35489-13	5325-00-290-6163	7	25
96906	MS35489-15	5325-00-174-9008	7	28
			9	2
96906	MS35489-47	5325-01-228-3341	12	3
96906	MS35643-1	5330-00-684-7851	15	4
96906	MS35645-1	2910-00-141-9758	15	2
96906	MS35649-202	5310-00-934-9758	13	1
96906	MS35649-2252	5310-00-997-1888	11	25
96906	MS35649-2382	5310-00-056-3395	9	3
96906	MS35690-624	5310-00-725-7382	16	12
96906	MS35692-45	5310-00-850-6884	16	25
96906	MS35692-77	5310-00-070-1902	16	3
96906	MS51021-56	5305-00-817-6139	7	13
96906	MS51021-60	5305-00-809-9385	4	19
96906	MS51021-62		10	28
96906	MS51065-42	3030-00-756-8395	11	1
96906	MS51375-1	2640-00-060-3550	16	16
96906	MS51922-1	5310-00-088-1251	1	8
			3	16
			15	17
			16	27
96906	MS51922-37	5310-00-067-9507	1	17
96906	MS51922-6	5310-00-143-6102	12	13
96906	MS51972-5	5310-00-924-8210	16	7
96906	MS90725-108		4	17
96906	MS90725-13		1	10
96906	MS90725-16		3	19
96906	MS90725-29		14	19
			15	18
96906	MS90725-3	5305-00-068-0500	7	10
			9	6
			11	11
			15	6

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
96906	MS90725-6	5305-00-068-0502	3	22
			14	4
96906	MS90725-60		16	11
96906	MS90725-62	5305-00-269-3213	15	10
96906	MS90725-8	5305-00-225-3839	7	32
96906	MS90726-117	5305-00-716-8182	1	16
96906	MS90726-31	5306-00-225-9086	3	6
96906	MS90728-9	5305-00-225-3842	5	20
80205	NAS3104-7-8	5306-00-001-4900	3	18
26622	NH1002688-10	4520-01-189-2991	3	28
77122	RL3/4-16-ZINC		7	21
98003	SC-D-20650-30		2	9
70673	SI-180		12	12
90598	TAF3157		13	3
90598	TAF3159	4520-00-405-4266	11	10
90598	TC643	4520-00-213-9929	2	19
90598	TE1011C	2920-00-519-5282	9	1
90598	TM3917-1	4520-01-003-1463	11	15
90598	TM3917-2	5330-00-941-8567	11	2
90598	TM3927	3120-00-915-5445	11	3
11764	TR101		1	14
90598	TR3276	6685-00-925-4957	7	23
82796	T2477C	2920-00-349-3887	10	29
78357	VHC4-2F	4730-00-119-3719	4	16
81348	ZZ-T-410A/GP1/6. 00/6.90-9/C/PLRB	2610-00-050-9840	16	19
83533	0130600200	4820-00-678-0108	12	10
57386	04010107		8	4
57386	04010141		11	18
57386	04010149		12	16
57386	04010201	4530-00-300-9598	12	8
57386	04010239		3	5
57386	04010240		3	3
57386	04030009	5330-01-134-5816	14	23
57386	10005		3	9
57386	10017		11	6
57386	10028	3020-01-090-3521	4	20
57386	10029		5	1
57386	10030		5	2
57386	10031		5	3
57386	10032		5	4
57386	10033		5	5
57386	10034		5	6
57386	10035		5	7
57386	10036		5	8
57386	10037	5310-01-090-7193	15	16
99166	100371	5330-00-472-6189	5	22
57386	10041		14	26
57386	10048		7	18
57386	10058		1	6
57386	10061		2	15

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CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
57386	10061		7	7
57386	10062		1	24
57386	10063		5	11
57386	10064		5	12
57386	10065		5	13
57386	10067		5	15
57386	10070		5	19
57386	10071		5	21
57386	10073		5	23
57386	10074		5	24
57386	10075		5	25
57386	10077		5	27
57386	10089		7	14
57386	10104		8	1
57386	10108		8	6
57386	10112	3020-01-090-9792	9	5
57386	10113		10	3
57386	10115		10	5
57386	10117		10	10
57386	10119		10	15
57386	10120		10	17
57386	10121		10	18
57386	10122		10	19
57386	10123		10	20
57386	10124		10	21
57386	10125		10	22
57386	10126		10	23
57386	10127		10	24
57386	10128		10	25
57386	10129		10	26
57386	10130		10	27
57386	10132		10	30
57386	10133		10	31
57386	10134		10	32
57386	10135		10	33
57386	10142	5305-00-925-0628	11	26
			14	18
57386	10144	4520-01-088-8363	12	7
57386	10150		13	8
57386	10165		14	24
57386	10195		15	14
57386	10204	5330-01-133-0209	15	15
57386	10213		14	27
57386	10237		3	2
99024	11-5208		16	26
99024	11-753		16	29
99166	110441	5330-00-375-1690	5	18
99166	113331	5330-00-718-6547	5	26
99166	131622A	4730-01-066-0124	5	16
97403	13227E6193	2990-01-163-5181	1	19
97403	13227E6195	4520-01-211-6842	14	13

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CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
97403	13228E8412	5330-01-241-3447	14	32
60038	15123	3110-00-198-2169	16	5
60038	15245	3110-00-198-2170	16	6
70494	15824-1	5340-00-685-5683	14	3
99024	16-6200	5330-01-103-8602	16	22
99024	17-5643LN		16	30
90598	20038	4520-01-089-0878	13	16
57386	20045-1		13	13
57386	20057-A		15	24
38529	20061	4520-01-149-9273	14	28
57386	20062-1		15	20
57386	20062-2		15	21
57386	20063-1		15	22
57386	20063-2		15	23
57386	20066		7	22
57386	20067		14	14
57386	20069	5340-01-318-3837	12	6
57386	20074		7	19
57386	20077		1	12
57386	20081	4520-01-088-7627	11	17
57386	20087		7	5
57386	20115-1		14	8
57386	20115-2		14	9
57386	20141		14	35
57386	20165		14	7
57386	20166		14	22
57386	20173		11	23
57386	20174		11	24
57386	20176		3	23
57386	20178		3	14
93061	209P-4-2	4730-00-196-0930	4	4
93061	215PNL-4-15		4	13
93061	216P-4	4730-00-277-8289	4	5
93061	218P-2	4730-00-287-3281	8	9
93061	2202P-2-2		4	2
			7	27
			12	4
93061	2202P-4-2	4730-00-278-8261	3	26
93061	2202P-4-4	4730-00-278-4824	4	14
93061	2203P-4	4730-00-471-3102	4	3
93061	2214P-2-2		12	9
93061	2214P2-2	4730-00-277-5683	4	12
99166	28778		5	14
57386	30002		11	16
57386	30036		16	31
57386	30038		16	32
09094	31-803		1	22
30780	4-4CBI2-B	4730-01-009-2293	4	8
			7	31
30780	4CB12B		4	11
			7	26

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CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
30780	4FB12-B		4	9
			7	30
30780	4VBI2-B		4	6
57386	40010		15	12
57386	40011	4520-01-149-9272	14	25
57386	400118-41		3	31
57386	40012		14	21
57386	40015		14	31
57386	40017		1	25
57386	40018	4140-01-091-0270	11	13
57386	40020		13	6
57386	40023		13	12
57386	40024		2	17
57386	40025		2	3
57386	40026		1	7
57386	40027-1		1	18
57386	40029		3	8
57386	40030		3	21
57386	40031		3	24
57386	40118-24		13	10
57386	50001	4720-01-089-0759	4	1
57386	50002	4710-01-088-9949	4	7
57386	50003	4710-01-088-7790	4	10
57386	50004		4	15
			12	2
57386	50006		2	4
57386	50007		7	12
57386	50010		7	29
57386	50013	4720-01-089-0760	12	1
57386	50014		7	24
57386	50015-1		1	11
57386	50015-2		1	13
57386	50017		2	11
57386	50018		11	22
57386	50019		2	21
57386	50028		14	34
57386	50029		14	37
57386	50030		12	11
57386	50032		13	11
57386	50033		14	36
57386	50039		3	30
23224	50100A-6 1/4	6680-01-206-6588	15	1
30780	6HP50N-S		15	5
22938	6003824720		16	20
22938	6003824780		16	21
22938	6251-10	5307-01-021-1779	16	9
22938	6311		16	4
98752	8227018-01		14	2
92878	8227059	4820-01-363-7226	8	7
92878	8227070-03	5355-01-220-9525	7	16
92878	8227089-10		12	15

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CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
92878	8227121-01	5330-01-100-5756	13	15
92878	8227123-10	4520-01-101-0966	14	33
92878	8227242-10	4520-01-244-6209	7	20
02582	9-10C102	2530-00-204-2212	16	1
81336	910-08-2898-500		16	17
99024	916X3NFBLN		16	24
97403	9786E121-1	2990-00-972-7950	3	25

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FIG	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
1	1		81349	MIL-H-7365-SIZEB
1	2		81349	MIL-H-7365-SIZEA
1	3	4520-00-675-5331	30299	FT621
1	4	5310-00-689-3877	96906	MS17829-3C
1	5	5310-00-809-8546	96906	MS27183-8
1	6		57386	10058
1	7		57386	40026
1	8	5310-00-088-1251	96906	MS51922-1
1	9	5310-00-809-4058	96906	MS27183-10
1	10		96906	MS90725-13
1	11		57386	50015-1
1	12		57386	20077
1	13		57386	50015-2
1	14		11764	TR101
1	15	5340-00-235-5864	61864	HS51248
1	16	5305-00-716-8182	96906	MS90726-117
1	17	5310-00-067-9507	96906	MS51922-37
1	18		57386	40027-1
1	19	2990-01-163-5181	97403	13227E6193
1	20	5305-00-988-1720	96906	MS35206-276
1	21	5310-00-582-5965	96906	MS35338-44
1	22		09094	31-803
1	23	5320-00-083-5009	07707	AD43-BS
1	24		57386	10062
1	25		57386	40017
2	1	5305-00-984-6208	96906	MS35206-261
2	2	5310-00-809-8546	96906	MS27183-8
2	3		57386	40025
2	4		57386	50006
2	5		57386	B040-10164
2	6		96906	MS24662-2
2	7		57386	B04000421
2	8	5320-00-899-0981	61957	AD42BS
2	9		98003	SC-D-20650-30
2	10	5305-00-984-6208	96906	MS35206-261
2	11		57386	50017
2	12	5310-00-878-3291	96906	MS21043-06
2	13	5310-00-082-1404	96906	MS27183-6
2	14	5305-00-984-4988	96906	MS35206-228
2	15		57386	10061
2	16	5305-00-984-6208	96906	MS35206-261
2	17		57386	40024
2	18		07707	AD32-BS
2	19	4520-00-213-9929	90598	TC643
2	20	5305-00-984-6208	96906	MS35206-261
2	21		57386	50019
3	1		81336	MODEL 1A08-3
3	2		57386	10237
3	3		57386	04010240
3	4	5310-00-045-3296	96906	MS35338-43
3	5		57386	04010239

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FIGURE AND ITEM NUMBER INDEX				
FIG	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
3	6	5306-00-225-9086	96906	MS90726-31
3	7		96906	MS35338-45
3	8		57386	40029
3	9		57386	10005
3	10	5320-00-083-5009	07707	AD43-BS
3	11	5310-00-689-3877	96906	MS17829-3C
3	12	5305-00-984-6213	96906	MS35206-266
3	13	5310-00-809-8546	96906	MS27183-8
3	14		57386	20178
3	15	5330-00-797-3506	57386	A04010010
3	16	5310-00-088-1251	96906	MS51922-1
3	17	5310-00-809-4058	96906	MS27183-10
3	18	5306-00-001-4900	80205	NAS3104-7-8
3	19		96906	MS90725-16
3	20	5310-00-582-5965	96906	MS35338-44
3	21		57386	40030
3	22	5305-00-068-0502	96906	MS90725-6
3	23		57386	20176
3	24		57386	40031
3	25	2990-00-972-7950	97403	9786E121-1
3	26	4730-00-278-8261	93061	2202P-4-2
3	27	4730-01-038-2350	97111	BH2C
3	28	4520-01-189-2991	26622	NH1002688-10
3	29	5330-01-133-0208	57386	A04020136
3	30		57386	50039
3	31		57386	400118-41
3	32	4720-01-214-1268	16632	FLX200111002404
4	1	4720-01-089-0759	57386	50001
4	2		93061	2202P-2-2
4	3	4730-00-471-3102	93061	2203P-4
4	4	4730-00-196-0930	93061	209P-4-2
4	5	4730-00-277-8289	93061	216P-4
4	6		30780	4VBI2-B
4	7	4710-01-088-9949	57386	50002
4	8	4730-01-009-2293	30780	4-4CBI2-B
4	9		30780	4FBI2-B
4	10	4710-01-088-7790	57386	50003
4	11		30780	4CBI2B
4	12	4730-00-277-5683	93061	2214P2-2
4	13		93061	215PNL-4-15
4	14	4730-00-278-4824	93061	2202P-4-4
4	15		57386	50004
4	16	4730-00-119-3719	78357	VHC4-2F
4	17		96906	MS90725-108
4	18	5310-00-809-5998	96906	MS27183-18
4	19	5305-00-809-9385	96906	MS51021-60
4	20	3020-01-090-3521	57386	10028
5		4320-00-946-0180	99166	J6BC-312-2
5	1		57386	10029
5	2		57386	10030
5	3		57386	10031

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FIG	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
5	4		57386	10032
5	5		57386	10033
5	6		57386	10034
5	7		57386	10035
5	8		57386	10036
5	9		96906	MS15985-10-8
5	10	5310-00-576-5752	96906	MS35333-39
5	11		57386	10063
5	12		57386	10064
5	13		57386	10065
5	14		99166	28778
5	15		57386	10067
5	16	4730-01-066-0124	99166	131622A
5	17	5305-00-820-7039	96906	MS15985-10-26
5	18	5330-00-375-1690	99166	110441
5	19		57386	10070
5	20	5305-00-225-3842	96906	MS90728-9
5	21		57386	10071
5	22	5330-00-472-6189	99166	100371
5	23		57386	10073
5	24		57386	10074
5	25		57386	10075
5	26	5330-00-718-6547	99166	113331
5	27		57386	10077
6	1		70040	GF-62-M
6	2		70040	GF-173
7	1	5310-00-689-3877	96906	MS17829-3C
7	2	5305-00-984-6208	96906	MS35206-261
7	3	5305-00-984-6210	96906	MS35206-263
7	4	5310-00-809-8546	96906	MS27183-8
7	5		57386	20087
7	6	5310-00-878-3291	96906	MS21043-06
7	7		57386	10061
7	8	5305-00-984-4988	96906	MS35206-228
7	9	5310-00-082-1404	96906	MS27183-6
7	10	5305-00-068-0500	96906	MS90725-3
7	11	5310-00-809-4058	96906	MS27183-10
7	12		57386	50007
7	13	5305-00-817-6139	96906	MS51021-56
7	14		57386	10089
7	15	5355-01-100-9684	57386	A04010090
7	16	5355-01-220-9525	92878	8227070-03
7	17		07707	AD44-BS
7	18		57386	10048
7	19		57386	20074
7	20	4520-01-244-6209	92878	8227242-10
7	21		77122	RL3/4-16-ZINC
7	22		57386	20066
7	23	6685-00-925-4957	90598	TR3276
7	24		57386	50014
7	25	5325-00-290-6163	96906	MS35489-13

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FIGURE AND ITEM NUMBER INDEX				
FIG	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
7	26		30780	4CB12B
7	27		93061	2202P-2-2
7	28	5325-00-174-9008	96906	MS35489-15
7	29		57386	50010
7	30		30780	4FB12-B
7	31	4730-01-009-2293	30780	4-4CB12-B
7	32	5305-00-225-3839	96906	MS90725-8
7	33	5310-00-582-5965	96906	MS35338-44
8	1		57386	10104
8	2	5330-00-733-2208	96906	MS29513-112
8	3	5330-00-248-3845	96906	MS29513-016
8	4		57386	04010107
8	5	5315-00-039-5563	96906	MS16562-211
8	6		57386	10108
8	7	4820-01-363-7226	92878	8227059
8	8	4520-01-100-3440	92878	HP2-4437
8	9	4730-00-287-3281	93061	218P-2
9	1	2920-00-519-5282	90598	TE1011C
9	2	5325-00-174-9008	96906	MS35489-15
9	3	5310-00-056-3395	96906	MS35649-2382
9	4	5310-00-004-5033	96906	MS35338-46
9	5	3020-01-090-9792	57386	10112
9	6	5305-00-068-0500	96906	MS90725-3
9	7	5310-00-582-5965	96906	MS35338-44
9	8	2920-00-948-7399	82796	FMXE1B88B
10	1	5305-00-984-6211	96906	MS35206-264
10	2	5310-00-576-5752	96906	MS35333-39
10	3		57386	10113
10	4	5330-00-523-8602	82796	K2498
10	5		57386	10115
10	6	5305-00-984-4984	96906	MS35206-227
10	7	5310-00-045-4007	96906	MS35338-41
10	8	5910-00-262-8433	21387	AXMR2433
10	9	5305-00-984-4988	96906	MS35206-228
10	10		57386	10117
10	11	2920-00-345-7398	21387	B2437AX
10	12	5305-00-984-6191	96906	MS35206-243
10	13	5310-00-261-7340	96906	MS35338-8
10	14	5310-00-809-8546	96906	MS27183-8
10	15		57386	10119
10	16	5310-00-082-1404	96906	MS27183-6
10	17		57386	10120
10	18		57386	10121
10	19		57386	10122
10	20		57386	10123
10	21		57386	10124
10	22		57386	10125
10	23		57386	10126
10	24		57386	10127
10	25		57386	10128
10	26		57386	10129

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FIG	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
10	27		57386	10130
10	28		96906	MS51021-62
10	29	2920-00-349-3887	82796	T2477C
10	30		57386	10132
10	31		57386	10133
10	32		57386	10134
10	33		57386	10135
11	1	3030-00-756-8395	96906	MS51065-42
11	2	5330-00-941-8567	90598	TM3917-2
11	3	3120-00-915-5445	90598	TM3927
11	4	5305-00-984-6193	96906	MS35206-245
11	5	5340-01-004-7125	76005	HT0991
11	6		57386	10017
11	7	5305-00-059-4568	96906	MS35190-253
11	8	5310-00-878-7196	96906	MS21043-08
11	9	5310-00-809-8544	96906	MS27183-7
11	10	4520-00-405-4266	90598	TAF3159
11	11	5305-00-068-0500	96906	MS90725-3
11	12	5310-00-550-1130	96906	MS35333-40
11	13	4140-01-091-0270	57386	40018
11	14	5305-00-983-6621	96906	MS16997-80
11	15	4520-01-003-1463	90598	TM3917-1
11	16		57386	30002
11	17	4520-01-088-7627	57386	20081
11	18		57386	04010141
11	19	5305-00-988-1723	96906	MS35206-279
11	20	5305-00-988-1171	96906	MS35206-285
11	21	5310-00-809-4058	96906	MS27183-10
11	22		57386	50018
11	23		57386	20173
11	24		57386	20174
11	25	5310-00-997-1888	96906	MS35649-2252
11	26	5305-00-925-0628	57386	10142
12	1	4720-01-089-0760	57386	50013
12	2		57386	50004
12	3	5325-01-228-3341	96906	MS35489-47
12	4		93061	2202P-2-2
12	5	5305-00-984-7361	96906	MS35191-270
12	6	5340-01-318-3837	57386	20069
12	7	4520-01-088-8363	57386	10144
12	8	4530-00-300-9598	57386	04010201
12	9		93061	2214P-2-2
12	10	4820-00-678-0108	83533	0130600200
12	11		57386	50030
12	12		70673	SI-180
12	13	5310-00-143-6102	96906	MS51922-6
12	14	5310-00-543-2740	96906	MS35333-74
12	15		92878	8227089-10
12	16		57386	04010149
13	1	5310-00-934-9758	96906	MS35649-202
13	2	5310-00-809-8546	96906	MS27183-8

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FIG	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
13	3		90598	TAF3157
13	4	5310-00-689-3877	96906	MS17829-3C
13	5	5305-00-984-6208	96906	MS35206-261
13	6		57386	40020
13	7	5315-00-839-2325	96152	A82-1
13	8		57386	10150
13	9	5310-00-809-4058	96906	MS27183-10
13	10		57386	40118-24
13	11		57386	50032
13	12		57386	40023
13	13		57386	20045-1
13	14		02570	B600-6-5
13	15	5330-01-100-5756	92878	8227121-01
13	16	4520-01-089-0878	90598	20038
14	1		96906	MS24662-2
14	2		98752	8227018-01
14	3	5340-00-685-5683	70494	15824-1
14	4	5305-00-068-0502	96906	MS90725-6
14	5	5310-00-809-4058	96906	MS27183-10
14	6		81349	MIL-C-11743
14	7		57386	20165
14	8		57386	20115-1
14	9		57386	20115-2
14	10	5305-00-984-6208	96906	MS35206-261
14	11	5310-00-576-5752	96906	MS35333-39
14	12	5305-00-958-5473	96906	MS35190-251
14	13	4520-01-211-6842	97403	13227E6195
14	14		57386	20067
14	15	5305-00-984-6211	96906	MS35206-264
14	16	5310-00-689-3877	96906	MS17829-3C
14	17		76005	HT1-15
14	18	5305-00-925-0628	57386	10142
14	19		96906	MS90725-29
14	20	5310-00-087-7493	96906	MS27183-13
14	21		57386	40012
14	22		57386	20166
14	23	5330-01-134-5816	57386	04030009
14	24		57386	10165
14	25	4520-01-149-9272	57386	40011
14	26		57386	10041
14	27		57386	10213
14	28	4520-01-149-9273	38529	20061
14	29	5305-00-984-6195	96906	MS35206-247
14	30	5310-00-809-8544	96906	MS27183-7
14	31		57386	40015
14	32	5330-01-241-3447	97403	13228E8412
14	33	4520-01-101-0966	92878	8227123-10
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14	35		57386	20141
14	36		57386	50033
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15	3	5315-00-514-2660	96906	MS29523-1
15	4	5330-00-684-7851	96906	MS35643-1
15	5		30780	6HP50N-S
15	6	5305-00-068-0500	96906	MS90725-3
15	7	5310-00-809-4058	96906	MS27183-10
15	8	5305-00-984-6208	96906	MS35206-261
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15	13	2910-01-154-9267	57386	D04040007
15	14		57386	10195
15	15	5330-01-133-0209	57386	10204
15	16	5310-01-090-7193	57386	10037
15	17	5310-00-088-1251	96906	MS51922-1
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16	1	2530-00-204-2212	02582	9-10C102
16	2	5315-00-013-7214	96906	MS24665-359
16	3	5310-00-070-1902	96906	MS35692-77
16	4		22938	6311
16	5	3110-00-198-2169	60038	15123
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16	9	5307-01-021-1779	22938	6251-10
16	10	2530-00-893-0568	96906	MS24328-1
16	11		96906	MS90725-60
16	12	5310-00-725-7382	96906	MS35690-624
16	13	5310-00-637-9541	96906	MS35338-46
16	14	2530-00-590-2680	96906	MS24326-1
16	15	2530-00-590-2680	96906	MS24326-1
16	16	2640-00-060-3550	96906	MS51375-1
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16	19	2610-00-050-9840	81348	ZZ-T-410A/GP1/6. 00/6.90-9/C/PLRB
16	20		22938	6003824720
16	21		22938	6003824780
16	22	5330-01-103-8602	99024	16-6200
16	23	5315-00-298-1481	96906	MS24665-357
16	24		99024	916X3NFBLN
16	25	5310-00-850-6884	96906	MS35692-45
16	26		99024	11-5208

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		STOCK NUMBER	CAGEC	
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16	28	5310-00-809-4058	96906	MS27183-10
16	29		99024	11-753
16	30		99024	17-5643LN
16	31		57386	30036
16	32		57386	30038
16	33	4730-00-050-4208	96906	MS15003-1

By Order of the Secretary of the Army:

CARL E. VUONO
General, United States Army
Chief of Staff

Official:

PATRICIA P. HICKERSON
Colonel, United States Army
The Adjutant General

DISTRIBUTION:

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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 decigram = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

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

Cubic Measure

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

Approximate Conversion Factors

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	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

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