

TECHNICAL MANUAL

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

**COMPRESSOR, RECIPROCATING: AIR:
HANDTRUCK MOUNTED, GASOLINE
ENGINE DRIVEN 5 CFM, 175 PSI
(C&H DISTRIBUTORS MODEL 20-902)
NSN 4310-01-055-0594**

Approved for public release; distribution is unlimited.

*This manual supersedes TM 5-4310-360-24P, 15 October 1979, including all changes.

TECHNICAL MANUAL

No. 5-431 0-360-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
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Organizational, Direct Support, and General Support Maintenance
Repair Parts and Special Tools List
for
COMPRESSOR, RECIPROCATING: AIR: HANDTRUCK.
MOUNTED, GASOLINE ENGINE DRIVEN, 5 CFM, 175 PSI,
(C&H DISTRIBUTORS MODEL 20-902
NSN 4310-01-055-0594

Current as of 4 August 1989

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake 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 Troop Support Command. ATTN: AMSTR-MCTS 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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This manual supersedes TM 5-4310-360-24 15 October 1979, including all changes.

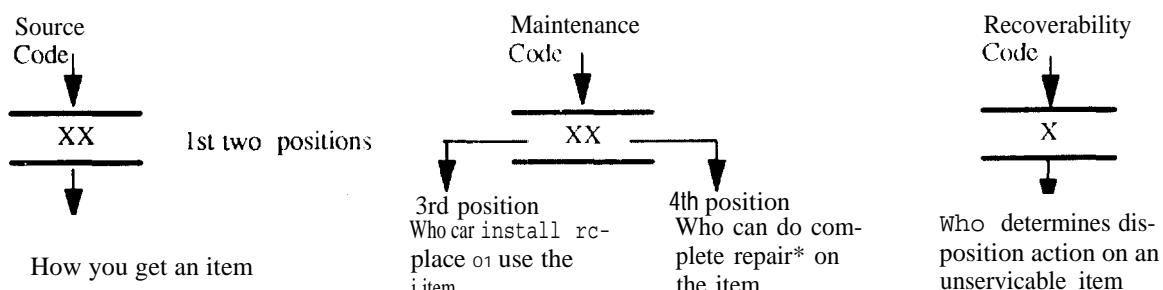
**ORGANIZATIONAL DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

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 organizational, direct support and general support maintenance of the Compressor, Reciprocating. 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, FSCM and part number.

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

- a. **ITEM NO. (Column (1)).** Indicates the number used to identify items tailed 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:



NOTE

- 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	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 3d position of the SMR code.
KD KF KB	* NOTE: Items coded PC are subject to deterioration. Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3d position of the SMR code. The complete kit must be requisitioned and applied.
MO-(Made at org. AVUM Level) MF-(Made at DS/ AVUM Level) MH-(Made at GS Level) ML-Made at Spe- cialized Repair Activity (SRA)) MD-(Made at De pot)	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 US-ABLE 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 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.

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)	

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 3d 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.

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 FSCM and part number given.	
XC -- Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.	
XD - - Item is not stocked. Order an "XD" -coded item through normal supply channels using the FSCM and part number given, if no NSN is available.	

NOTE

Cannibalization or controlled exchange, when authorized, maybe 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.

Recoverability Codes	Application/Explanation
O	—Reparable item. When uneconomically repairable, condemn and dispose of the item at organizational or aviation unit level
F	—Reparable item. When uneconomically repairable, condemn and dispose of the item at the direct support or aviation intermediate level
H	—Reparable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
D	—Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L	—Reparable 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. FSCM (Column (3)). The Federal Supply Code for Manufacturer (FSCM) 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 CI – Confidential, Phy Sec CI (S) – Secret, Phy Sec CI (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 TM DE, 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
NSN, i.e. (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) **FSCM column**. The Federal Supply Code for Manufacturer (FSCM) 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 FSCM 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) **FSCM column.** The Federal Supply Code for Manufacturer (FSCM) 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 left 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 publications listed below pertains to the Compressor, Reciprocating and its components .

Publication	Short Title
TM 5-4310-360-14	Compressor, Reciprocating, Air

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 c-4. b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

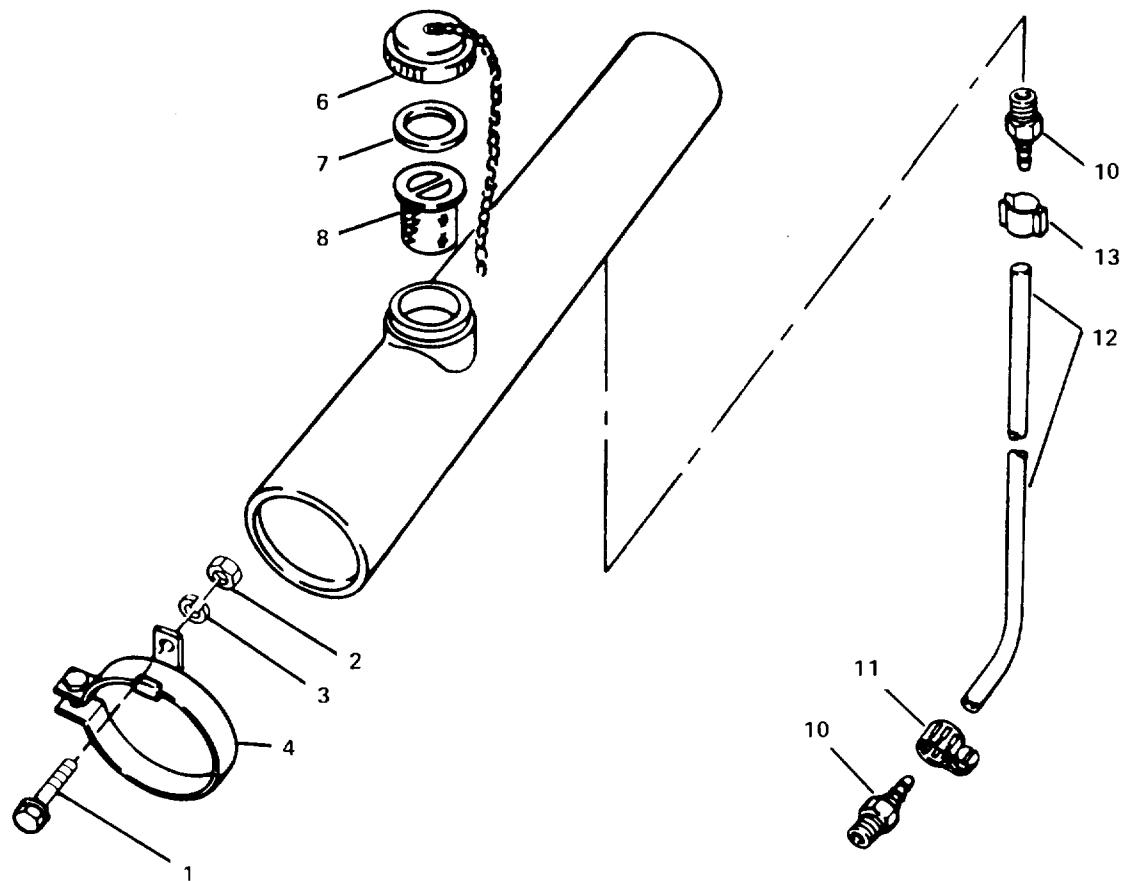
(2) **Second.** After finding the figure and item number, verify that the item is the one you are looking for, then locate the item number in the repair parts list for the figure.

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

SECTION II

TM 5-431 0-360-24P

5
6 THRU 8 9
10 THRU 13



4770 001

Figure 1. Fuel System (Tank, Lines, and Filter).

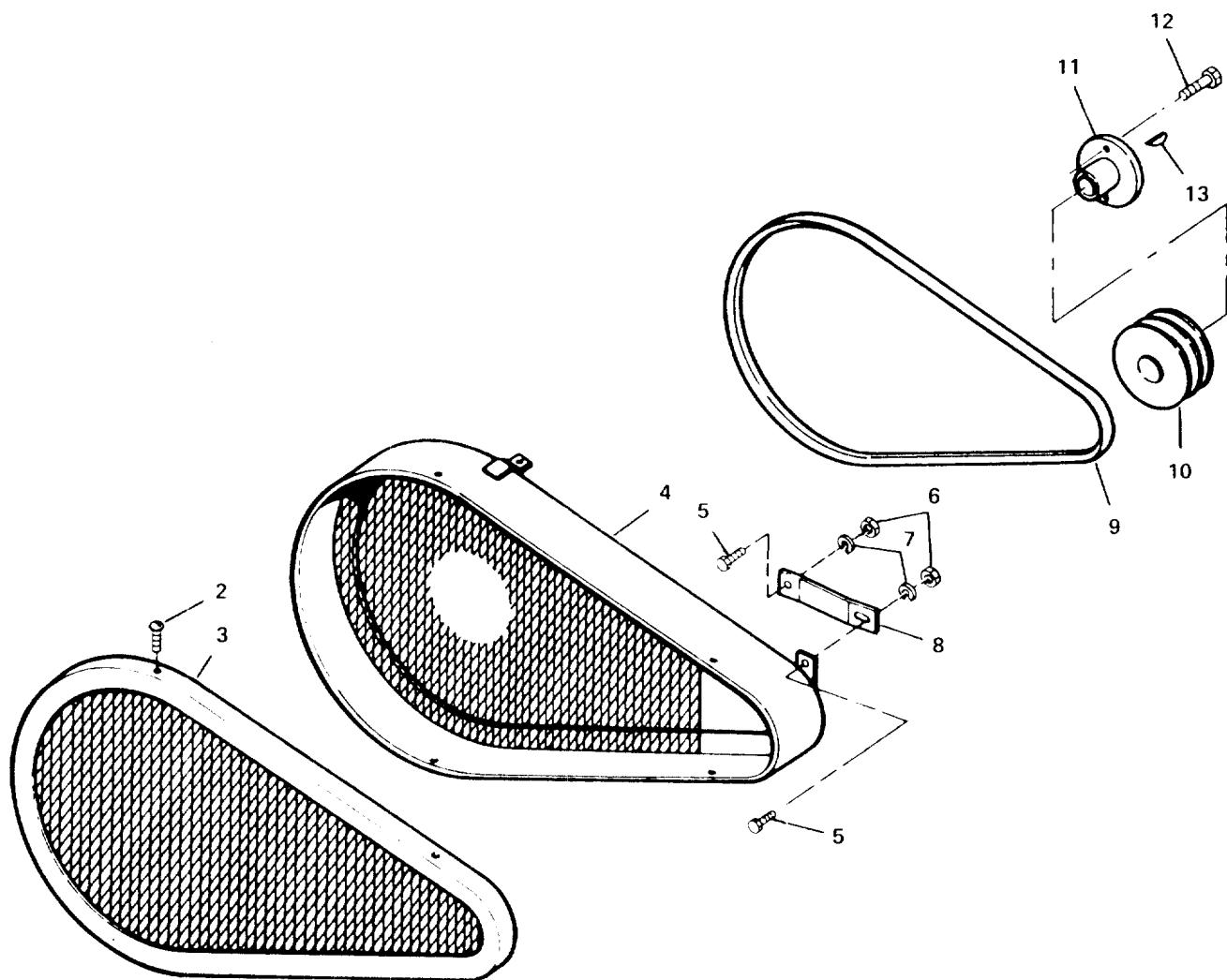
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 01 FUEL SYSTEM (TANK, LINES, AND FILTER)					
FIG. 1 FUEL SYSTEM (TANK LINES, AND FILTER)					
1	PAOZZ	96906	MS51095-334	SCREW,CAP,HEXAGON H	4
2	PAOZZ	04718	86-093	NUT,PLAIN,HEXAGON	4
3	PAOZZ	04718	86-092	WASHER,LOCK	4
4	XDOZZ	04718	86-090	HANGER,FUEL TANK	2
5	PBOZZ	04718	86-074	TANK,FUEL,ENGINE	1
6	XAOZZ	86823	A21951	.CAP,FILLER OPENING	1
7	XBOZZ	04718	86-074B	.GASKET,CAP	1
8	PAOZZ	04718	86-074C	.STRAINER ELEMENT,SE	1
9	PAOZZ	04718	86-089	HOSE ASSY,FUEL LINE	1
10	XBOZZ	04718	26-278	.CONNECTOR,FUEL LINE	2
11	PAOZZ	04718	26-554	.CLAMP,HOSE	1
12	PAOZZ	06034	HN05	.TUBING,NONMETALLIC CUT TO 22 INCH LENGTH	1
13	PAOZZ	04718	26-626	.CLAMP,HOSE	1

END OF FIGURE

SECTION II

TM 5-431 0-360-24P

1
2 THRU 4



4770 002

Figure 2. Compressor Drive.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
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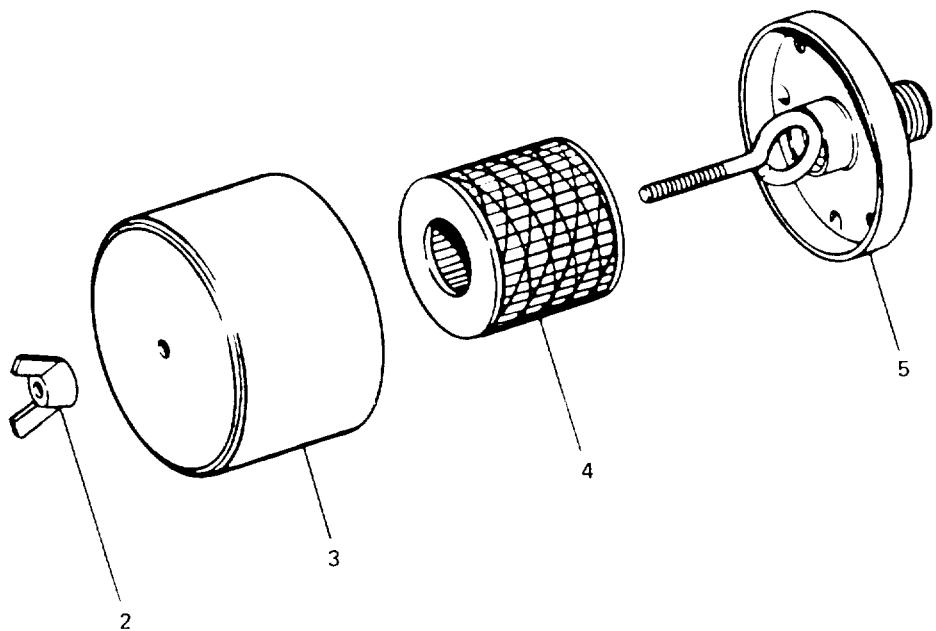
GROUP 02 COMPRESSOR DRIVE

FIG. 2 COMPRESSOR DRIVE

1	PBOZZ	04718	86-077	GUARD,MECHANICAL DR	1
2	PAOZZ	96906	MS35207-259	.SCREW,MACHINE	4
3	XBOZZ	04718	86-077B	.COVER,BELT GUARD	1
4	XBOZZ	04718	86-077A	.BODY,BELT GUARD	1
5	PBOZZ	04718	86-095	BOLT,MACHINE	2
6	PAOZZ	04718	86-093	NUT,PLAIN,HEXAGON	2
7	PAOZZ	04718	86-092	WASHER,LOCK ALUMINUM	2
8	XBOZZ	04718	86-094	SUPPORT,GUARD	1
9	PAOZZ	24161	9520	BELT,V	1
10	PBOZZ	71176	2AK34H3/4	PULLEY,GROOVE	1
11	PBOZZ	71176	H-3/4	BUSHING,TAPERED	1
12	PAOZZ	96906	MS90725-6	SCREW,CAP,HEXAGON H	2
13	PAOZZ	96906	MS35756-15	KEY,WOODRUFF	1

END OF FIGURE

1
2 THRU 5



4770 003

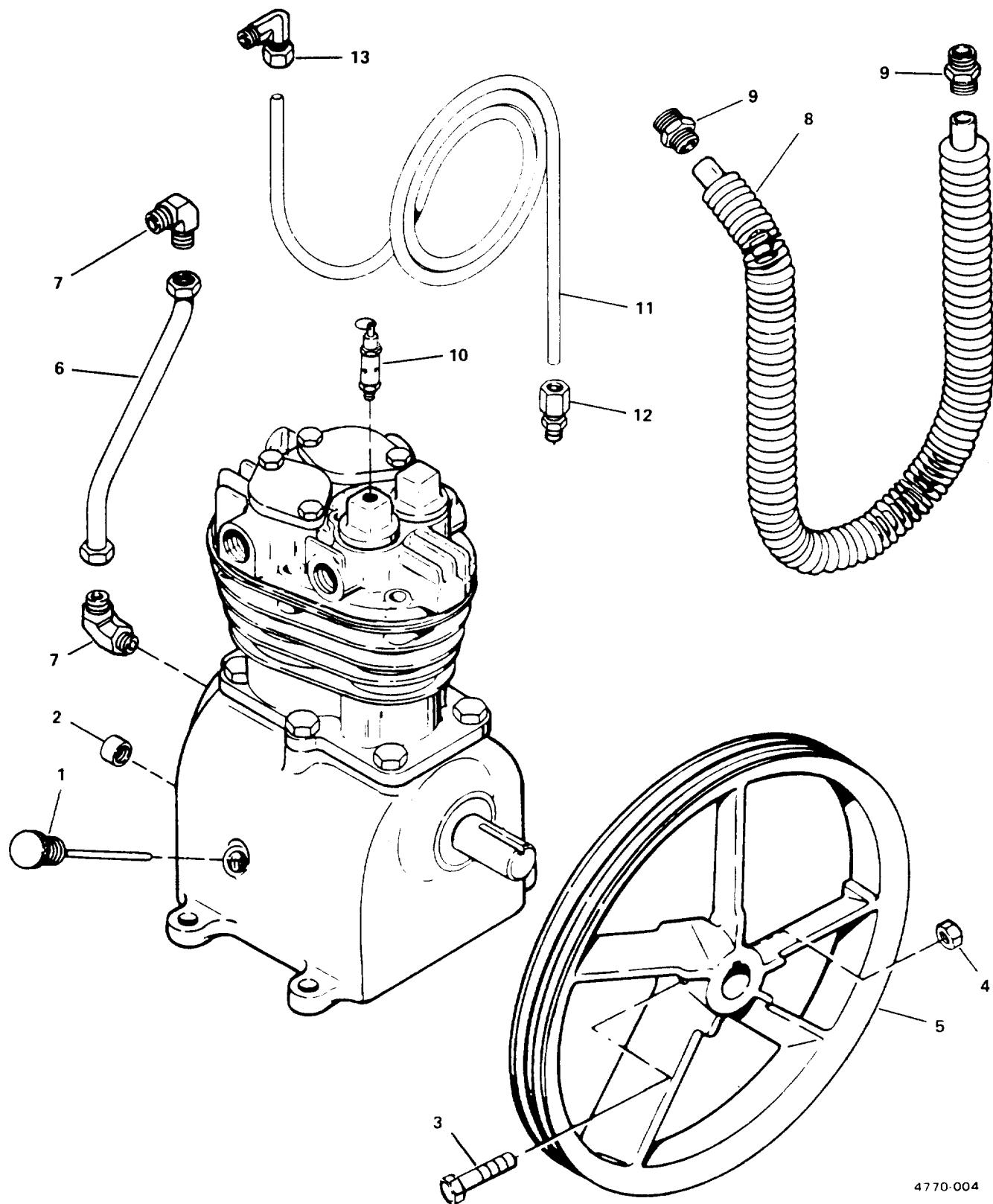
Figure 3. Air Cleaner.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 03 COMPRESSOR ASSEMBLY					
FIG. 3 AIR CLEANER					
1	PBOZZ	04718	86-103	.AIR CLEANER, INTAKE	1
2	PAOZZ	04718	1047-09	..NUT, PLAIN, WING	1
3	XBOZZ	04718	86-103A	..COVER, AIR CLEANER	1
4	PAOZZ	68847	PA-1915	..FILTER ELEMENT, FLUI	1
5	XBOZZ	04718	86-103B	..BASE, AIR CLEANER	1

END OF FIGURE

SECTION II

TM 5-4310-360-24P



4770-004

Figure 4. Compressor Assembly.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
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GROUP 03 COMPRESSOR ASSEMBLY

FIG. 4 COMPRESSOR ASSEMBLY

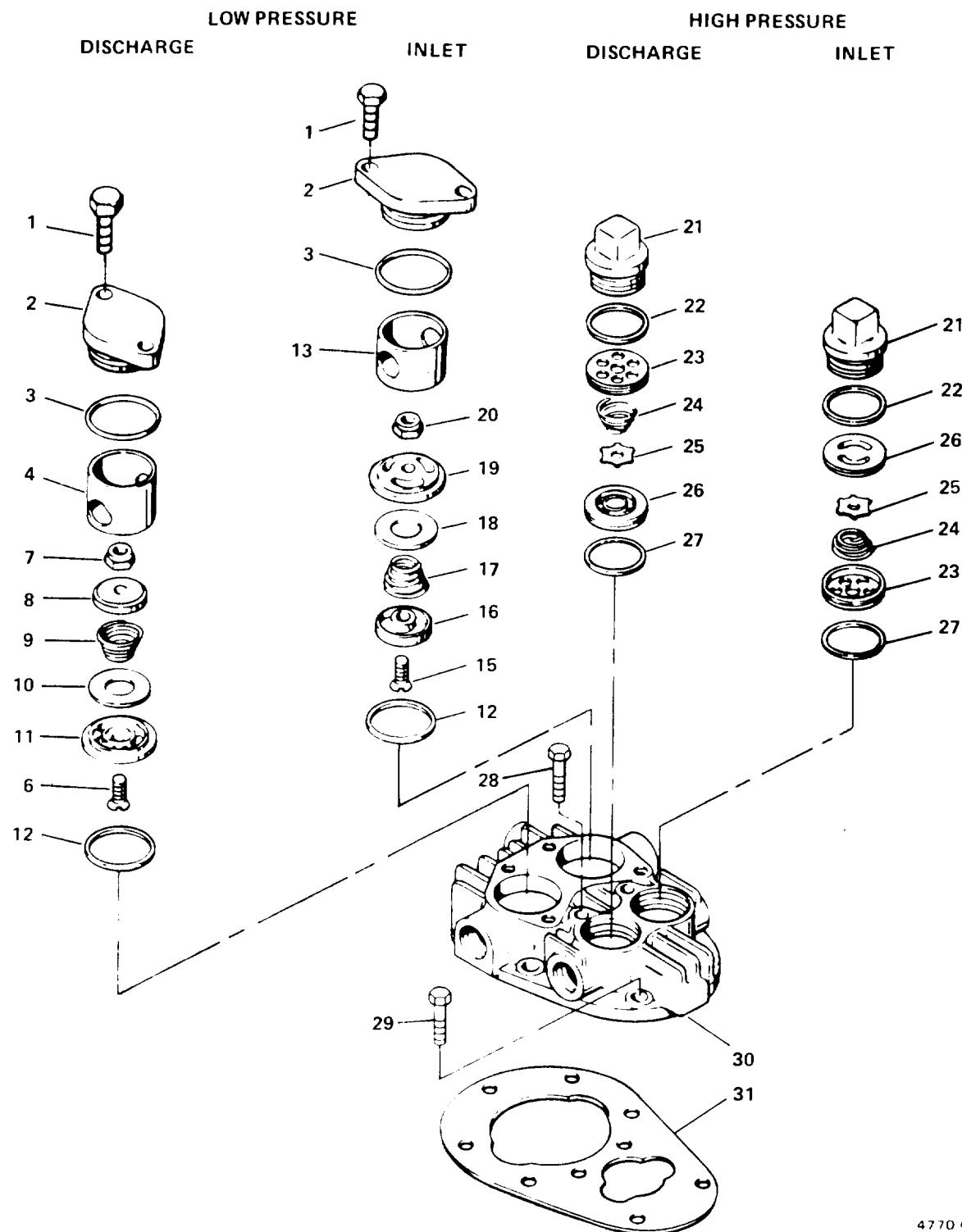
1	PBOZZ	53239	13523	.GAGE,OIL LEVEL,BAYO	1
2	XDOZZ	53239	9348	.PLUG,PIPE	1
3	PAOZZ	96906	MS90725-122	.SCREW,CAP,HEXAGON H	1
4	PAOZZ	96906	MS51967-14	.NUT,PLAIN,HEXAGON	1
5	PAOZZ	04718	86-078	.PULLEY,GROOVE	1
6	PBOZZ	53239	48198	.TUBE,METALLIC	1
7	PBOZZ	93061	169C-5-4	.ELBOW,PIPE TO TUBE	2
8	PBOZZ	53239	48211	.FINNED TUBING,INER	1
9	PAOZZ	96906	MS35869-4-5	.ADAPTER,STRAIGHT,PI	2
10	PAOZZ	75336	125-1/4-60	.VALVE,SAFETY RELIEF	1
11	PBOZZ	04718	86-088	.TUBE,BENT,METALLIC AFTERCOOLER	1
12	PAOZZ	93061	68C-6-8	.ADAPTER,STRAIGHT,PI	1
13	PAOZZ	30780	269C-6-4	.ELBOW,PIPE TO TUBE	1

END OF FIGURE

SECTION II

TM 5-4310-360-24P

5 14
6 THRU 11 15 THRU 20



4770 005

Figure 5. Compressor Head& Valves.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
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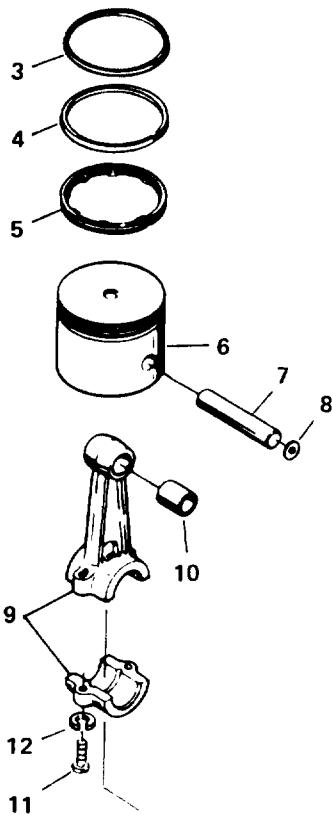
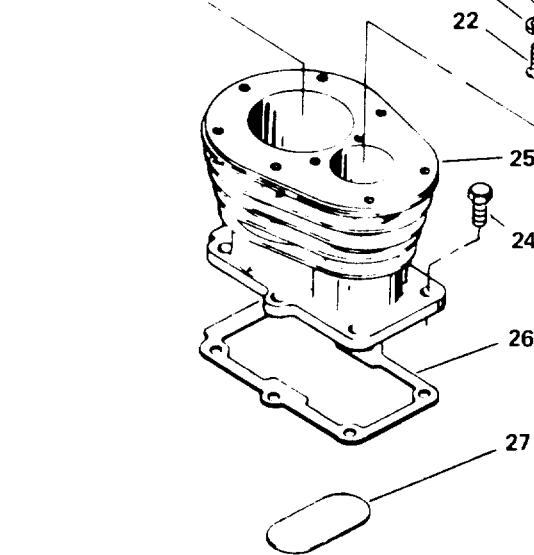
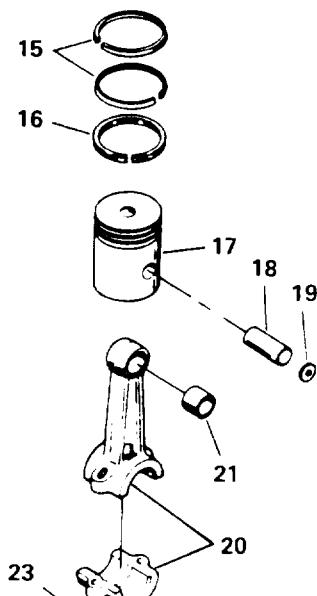
GROUP 03 COMPRESSOR ASSEMBLY

FIG. 5 COMPRESSOR HEAD & VALVES

1	PAOZZ	53239	47934	. SCREW, CAP, HEXAGON H	4
2	XBOZZ	53239	47929	. COVER, ACCESS	2
3	PAOZZ	53239	47931	. PACKING, PREFORMED LP	2
4	XDOZZ	53239	48001	. CAP, VALVE DISCHARGE	1
5	PAOZZ	53239	47936	. VALVE ASSEMBLY, COMP DISCHARGE	1
6	PAOZZ	53239	50679	. . SCREW	1
7	PAOZZ	53239	50680	. . NUT, SELF-LOCKING, HE VALVE, LP	1
8	PAOZZ	53239	47981	. . VALVE RETAINER, LOW DISCHARGE	1
9	PAOZZ	53239	47993	. . SPRING, HELICAL, COMP	1
10	PAOZZ	53239	47973	. . WASHER, FLAT	1
11	PAOZZ	53239	48147	. . SEAT, VALVE DISCHARGE	1
12	PAOZZ	53239	47938	. GASKET	2
13	XDOZZ	53239	47999	. TUBE ASSEMBLY, METAL	1
14	PAOZZ	53239	50681	. INLET VALVE, COMPRES	1
15	PAOZZ	53239	50679	. . SCREW	1
16	PAOZZ	53239	48146	. . SEAT, HELICAL COMPRE INLET	1
17	PAOZZ	53239	47993	. . SPRING, HELICAL, COMP	1
18	PAOZZ	53239	47973	. . WASHER, FLAT	1
19	PAOZZ	53239	47977	. . SEAT, VALVE	1
20	PAOZZ	53239	50680	. . NUT, SELF-LOCKING, HE VALVE, LP	1
21	XBOZZ	53239	48122	. PLUG, PIPE	2
22	PAOZZ	53239	48210	. GASKET HP	2
23	PAOZZ	53239	12524	. SEAT, VALVE	2
24	PAOZZ	53239	7891	. SPRING, HELICAL, COMP	2
25	PAOZZ	53239	12525	. PLATE, VALVE	2
26	PAOZZ	53239	12526	. SEAT, VALVE	2
27	PAOZZ	53239	12549	. SHIM	2
28	PBOZZ	53239	990	. BOLT, MACHINE	2
29	PBOZZ	96906	MS90725-34	. BOLT, MACHINE	7
30	PBOZZ	53239	48123	. CYLINDER HEAD, COMPR	1
31	PAOZZ	53239	48204	. GASKET	1

END OF FIGURE

1	2	9	13	14	20
2 THRU 8	3 THRU 5	10 THRU 12	14 THRU 19	15 AND 16	21 THRU 23

LOW PRESSURE**HIGH PRESSURE**

4770 006

Figure 6. Pistons, Connecting Rods & Cylinder Block.

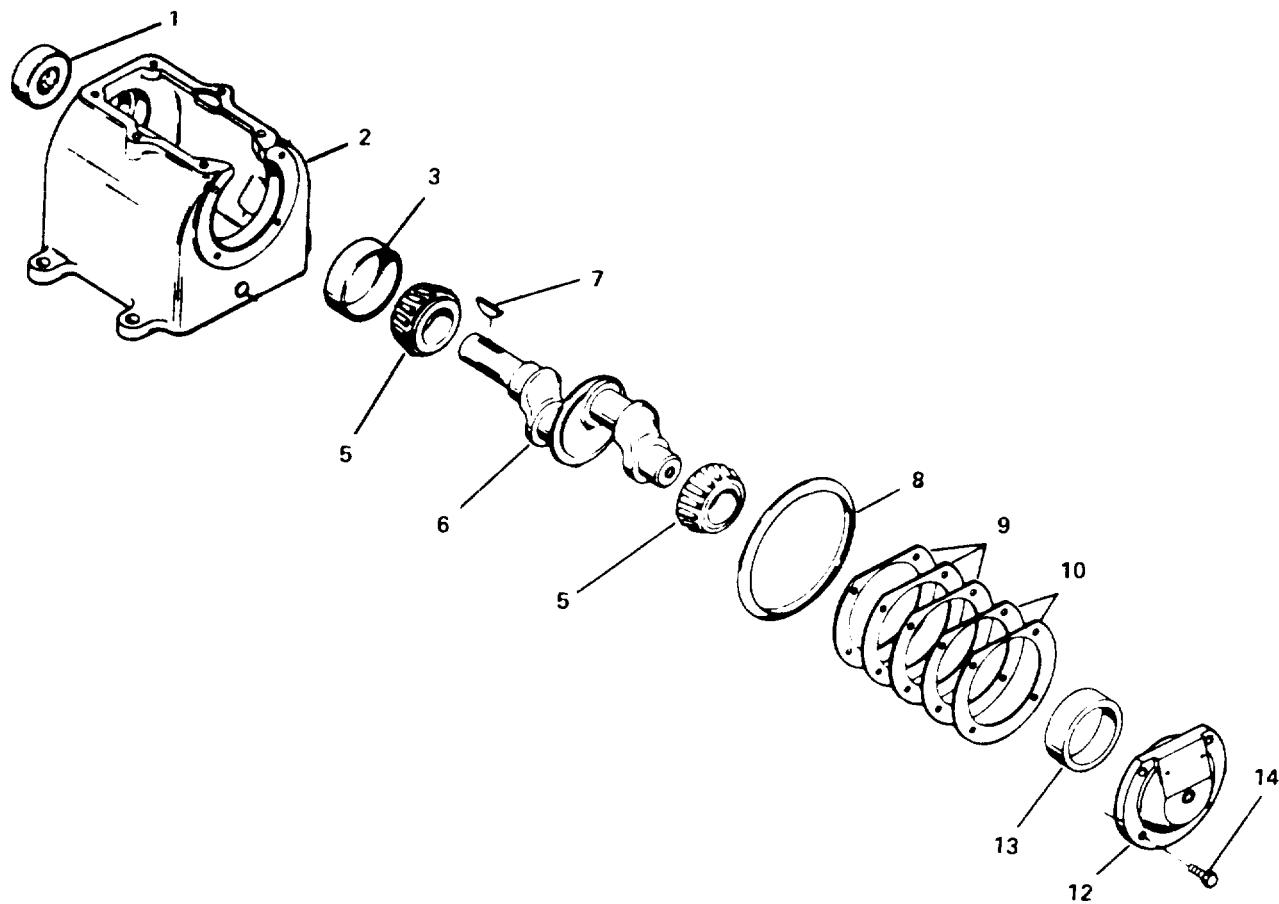
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 03 COMPRESSOR ASSEMBLY					
FIG. 6 PISTONS, CONNECTING RODS & CYLINDER BLOCK					
1	PAFZZ	53239	48418	.PISTON,COMPRESSOR	1
2	PAFZZ	53239	48419	..RING SET,PISTON	1
3	XDFZZ	53239	48207	...RING,PISTON LP	1
4	XAFZZ	53239	48208	...RING,PISTON LP	1
5	XDFZZ	53239	48209	...RING,PISTON CONTROL,LP	1
6	XAFZZ	53239	48124	..PISTON,COMPRESSOR	1
7	PBFZZ	53239	48202	.PIN,STRAIGHT,HEADLE	1
8	PBFZZ	53239	7890	.WASHER,FLAT	2
9	PAFZZ	53239	31769	.CONNECTING ROD,PIST	1
10	PBFZZ	53239	10161	..BEARING,SLEEVE LP	1
11	PBFZZ	96906	MS16998-44	..SCREW,CAP,SOCKET HE	2
12	PBFZZ	96906	MS35338-44	..WASHER,LOCK	2
13	PAFZZ	53239	48416	.PISTON,COMPRESSOR	1
14	PAFZZ	53239	48417	..RING SET,PISTON	1
15	XAFZZ	53239	48205	...RING,PISTON HP	1
15	XAFZZ	53239	48205	...RING,PISTON LP	1
16	XAFZZ	53239	48206	...RING,PISTON CONTROL,HP	1
17	XDFZZ	53239	48125	..PISTON,COMPRESSOR	1
18	PBFZZ	53239	48203	.PIN,STRAIGHT,HEADLE	1
19	PBFZZ	53239	7890	.WASHER,FLAT	2
20	PAFZZ	53239	48199	.CONNECT ROD,PISTON	1
21	PBFZZ	96906	MS17795-73	..BEARING,SLEEVE HP	1
22	PBFZZ	96906	MS16998-44	..SCREW,CAP,SOCKET HE	2
23	PBFZZ	96906	MS35338-44	..WASHER,LOCK	2
24	PBFZZ	53239	996	.SCREW,CAP,HEXAGON H	6
25	XBFZZ	53239	48126	.CYLINER,RECIPROCAT	1
26	PAFZZ	53239	31772	.GASKET	1
27	XBFZZ	53239	31767	.COVER PLATE ACCESS	1

END OF FIGURE

SECTION II

TM 5-4310-360-24P

4
5 AND 6 11
12 AND 13

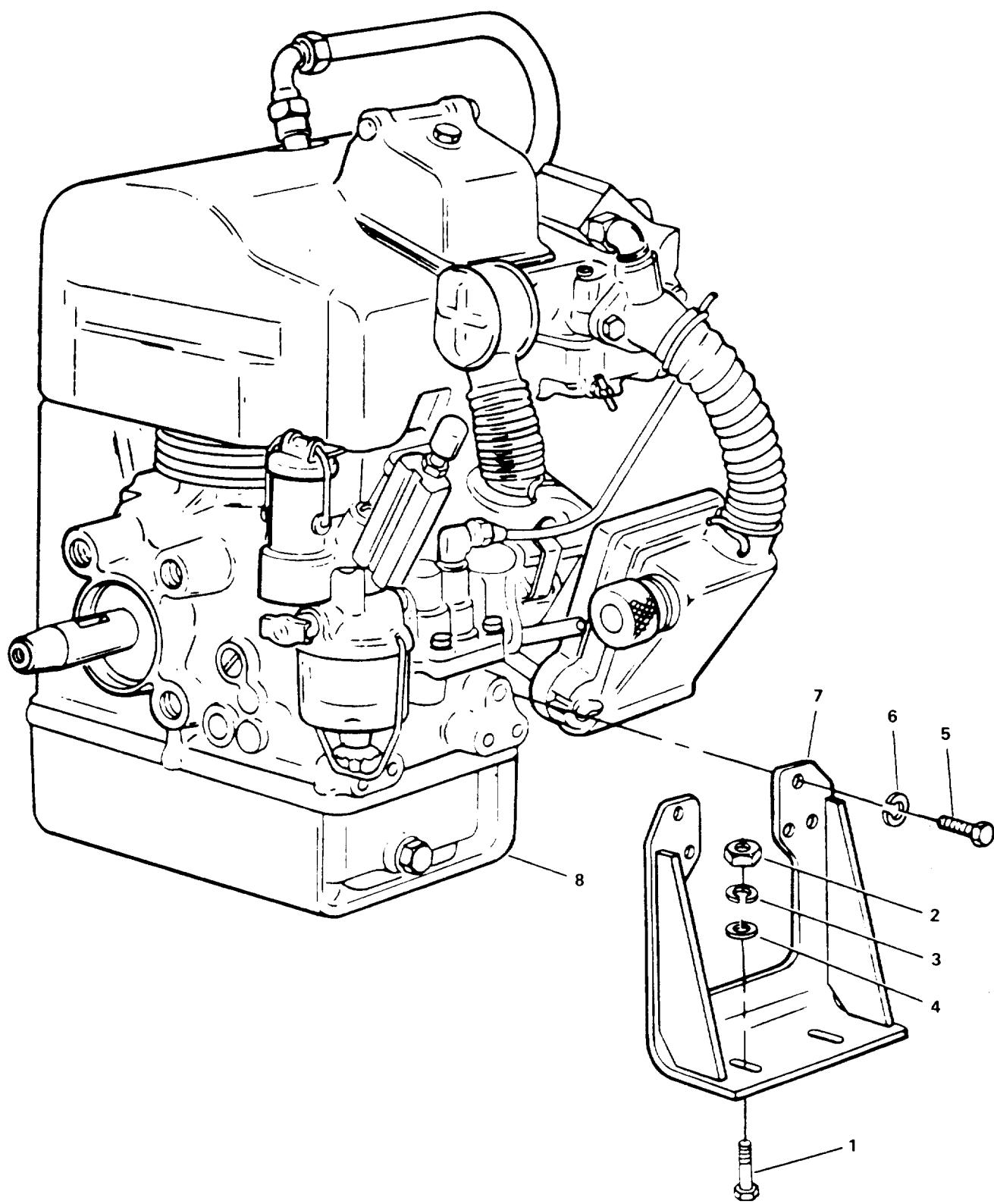


4770 007

Figure 7. Crankshaft, Bearings, Oil Seals & Crankcase.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 03 COMPRESSOR ASSEMBLY					
FIG. 7 CRANKSHAFT, BEARINGS, OIL SEALS & CRANKCASE					
1	PAFZZ	80201	10126	.SEAL, PLAIN ENCASED	1
2	XDFZZ	53239	31770	.CRANKCASE, COMPRESSO	1
3	PBFZZ	53239	98846	.CUP, TAPERED ROLLER	1
4	XAFZZ	53239	35755	.CRANKSHAFT, COMPRESS	1
5	PBFZZ	53239	13321	.. CONE AND ROLLERS, TA	2
6	XDFZZ	53239	31768	.. CRANKSHAFT, PUMP AIR COMPRESSOR	1
7	PBFZZ	53239	9390	.KEY, WOODRUFF	1
8	PBFZZ	53239	31762	.RING, WIPER	1
9	PAFZZ	53239	31765	.GASKET, COVER	3
10	PAFZZ	53239	31764	.GASKET, COVER	2
11	XBFZZ	53239	38227	.COVER ASSY, END	1
12	XBFZZ	53239	31763	.. COVER, END	1
13	PBFZZ	53239	98846	.. CUP, TAPERED ROLLER	1
14	PAFZZ	53239	980	.SCREW, CAP, HEXAGON H	4

END OF FIGURE



4770 008

Figure 8. Engine Assembly.

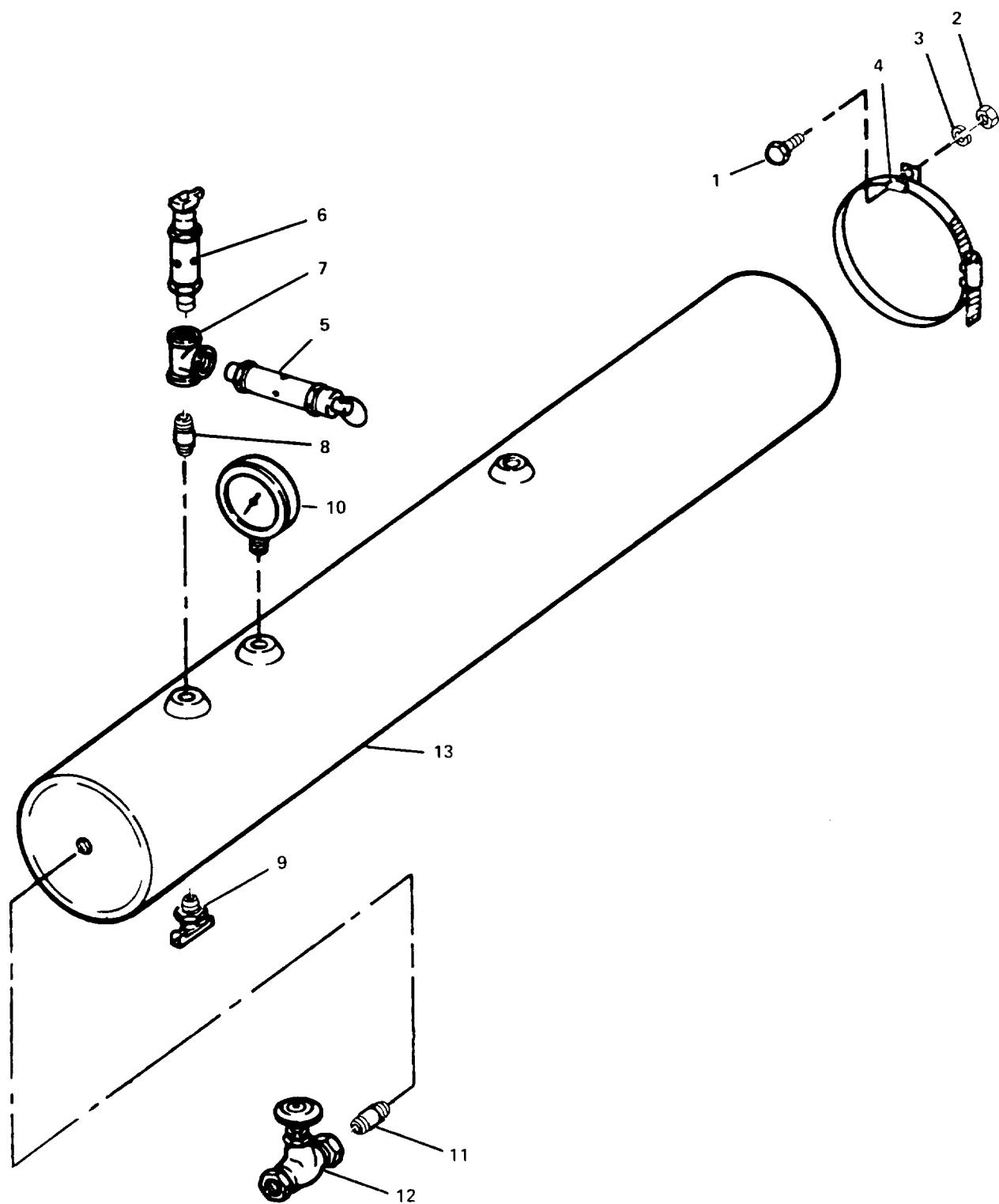
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
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GROUP 04 ENGINE ASSEMBLY

FIG. 8 ENGINE ASSEMBLY

1	PAOZZ	96906	MS90725-34	BOLT, MACHINE	4
2	PAOZZ	96906	MS51967-5	NUT, PLAIN, HEXAGON	4
3	PAOZZ	96906	MS35340-45	WASHER, LOCK	4
4	PAOZZ	96906	MS27183-12	WASHER, FLAT	4
5	PAOZZ	96906	MS90725-6	SCREW, CAP, HEXAGON H	12
6	PAOZZ	96906	MS35333-40	WASHER, LOCK	12
7	PBOZZ	04718	88-878	SUPPORT, ENGINE	2
8	PDOHH	97403	9786E3MARK1	ENGINE, GASOLINE (FOR REPAIR PARTS SEE TM5-2805-256-24P)	1

END OF FIGURE

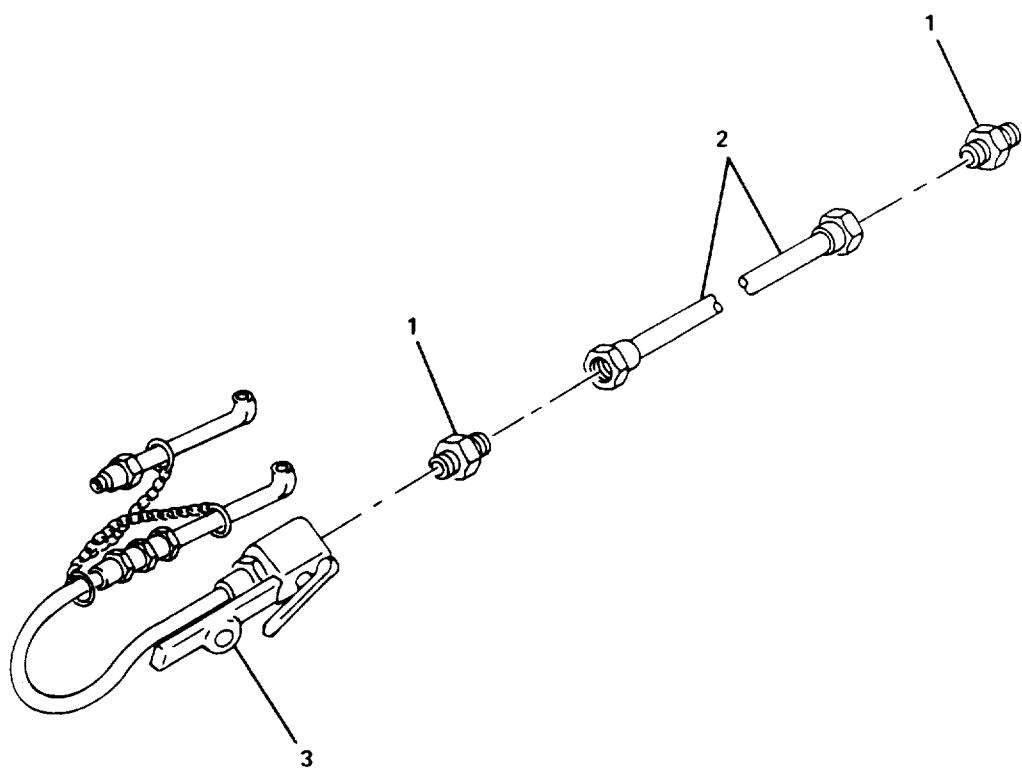


4770 009

Figure 9 Air Receiver System.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 05 AIR RECEIVER SYSTEM					
FIG. 9 AIR RECEIVER SYSTEM					
1	PAOZZ	96906	MS51095-334	SCREW,CAP,HEXAGON H	4
2	PAOZZ	04718	86-093	NUT,PLAIN,HEXAGON	4
3	XDOZZ	96906	MS35338-45	WASHER,LOCK	4
4	XDOZZ	04718	86-090	HANGER,FUEL TANK	2
5	XDOZZ	75336	112CX1-4	VALVE,SAFETY RELIEF	1
6	PAOZZ	75336	112CT1/4 175	VALVE,SAFETY RELIEF	1
7	PAOZZ	91340	D9484-5528	TEE,PIPE	1
8	PAOZZ	04718	96-014	NIPPLE,PIPE	1
9	PAOZZ	96906	MS35782-5	COCK,DRAIN	1
10	PAOZZ	04718	86-096	GAGE,PRESSURE,DIAL	1
11	PAOZZ	96906	MS51953-25	NIPPLE,PIPE	1
12	PAOZZ	12168	75-1/4	VALVE,GLOBE	1
13	XDOZZ	04718	86-087	TANK,AIR	1

END OF FIGURE



4770 010

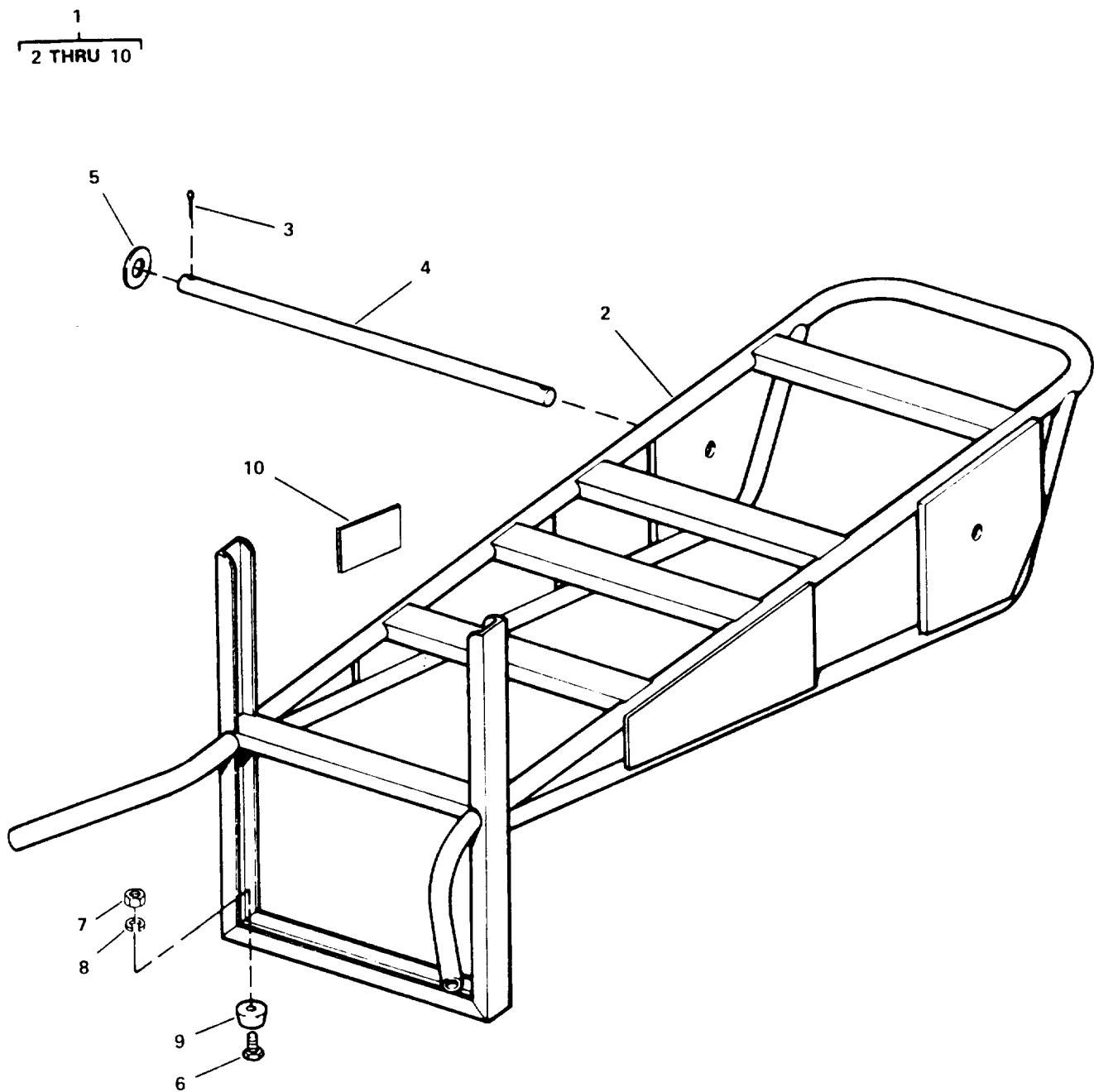
Figure 10. Air Discharge System.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 06 AIR DISCHARGE SYSTEM					
FIG. 10 AIR DISCHARGE SYSTEM					
1	PAOZZ	41947	A4993	ADAPTER, STRAIGHT, PI	2
2	PAOZZ	11568	Z538A	HOSE ASSEMBLY, NONME 50FT	1
3	XDOZZ	94894	1506	INFLATOR-GAGE, PNEUM	1

END OF FIGURE

SECTION II

TM 5-4310-360-24P



4770 011

Figure 11. Handtruck Assembly.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 07 HANDTRUCK ASSEMBLY					
FIG. 11 HANDTRUCK ASSEMBLY					
1	XBOZZ	04718	86-086ASSY	TRUCK ASSY, HAND	1
2	XBOZZ	04718	86-086	. FRAME, HAND TRUCK	1
3	PAOZZ	96906	MS24665-353	. PIN, COTTER	6
4	XBOZZ	04718	86-098	. AXLE	1
5	PAOZZ	96906	MS27183-22	. WASHER, FLAT	1
6	PAOZZ	96906	MS90725-10	. SCREW, CAP, HEXAGON H	2
7	XDOZZ	96906	MS51967-2	. NUT, PLAIN, HEXAGON	2
8	PAOZZ	96906	MS45904-69	. WASHER, LOCK	2
9	PBOZZ	04718	88-000	. BUMPER, NONMETALLIC	2
10	PBOZZ	04718	86-097	. PLATE, WARNING	1

END OF FIGURE

1 4
2 THRU 12 5 THRU 13

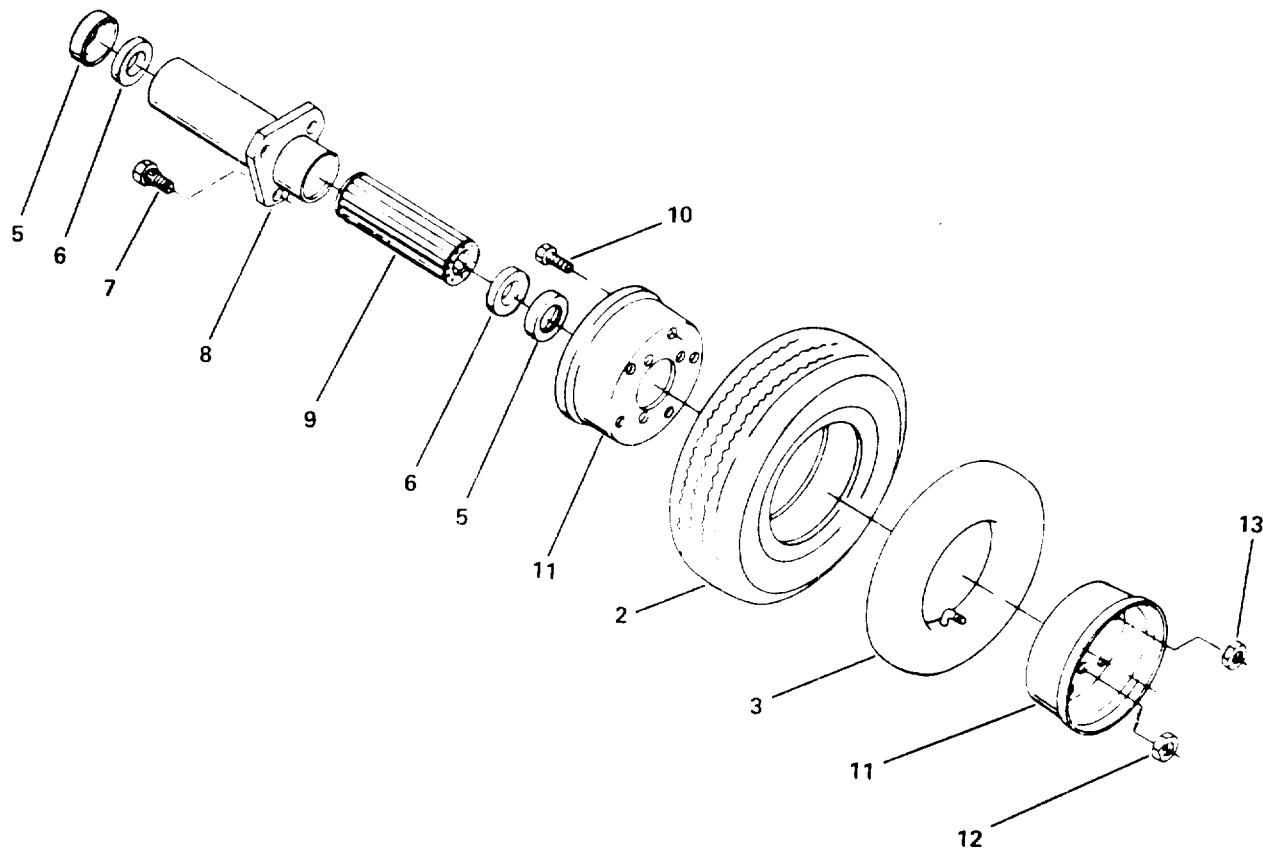


Figure 12. Wheel Assembly.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 07 HANDTRUCK ASSEMBLY					
FIG. 12 WHEEL ASSEMBLY					
1	XBOZZ	04718	86-076	.WHEEL ASSY	2
2	PAOZF	96906	MS35389-1	..TIRE,PNEUMATIC	1
3	PAOZZ	96906	MS35392-48	..INNER TUBE,PNEUMATI	3
4	XBOZZ	04718	86-076HA	..HUB ASSY,WHEEL	1
5	XDOZZ	04718	14116	...CAP,END,WHEEL	2
6	PAOZZ	04718	22990	...SEAL,SPECIAL	2
7	PAOZZ	96906	MS90725-32	...BOLT,MACHINE	3
8	XBOZZ	55879	20106	...HUB,WHEEL	1
9	PAOZZ	55879	13009	...BEARING,ROLLER,CYLI	1
10	PAOZZ	96906	MS18154-58	...SCREW,CAP,HEXAGON H	3
11	XBOZZ	55879	22PN	...DISC,WHEEL	1
12	PAOZZ	96906	MS51967-8	...NUT,PLAIN,HEXAGON	3
13	PAOZZ	96906	MS51967-5	...NUT,PLAIN,HEXAGON	3

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
2610-00-050-9560	12	2	4310-00-777-6946	6	2
2610-00-051-9114	12	3	5330-00-781-4788	5	31
5310-00-067-6357	11	8	4310-00-781-4789	6	20
5305-00-068-0502	2	12	4730-00-827-9291	10	1
	8	5	5315-00-839-5822	11	3
4730-00-068-6616	4	13	4820-00-849-1220	9	9
5305-00-071-1775	4	3	4730-00-871-6729	1	11
5305-00-071-2241	11	6	4720-00-874-3179	10	2
5310-00-081-4219	8	4	5310-00-880-7744	8	2
3110-00-100-0513	7	3		12	13
	7	13	3120-00-891-8887	6	21
3110-00-100-3139	7	5	5310-00-951-7209	11	5
5305-00-115-9526	12	10	5310-00-959-4679	8	3
5330-00-179-0904	7	1	5305-00-983-6661	6	11
4730-00-196-1465	9	11		6	22
4730-00-196-2055	9	8	5305-00-993-1849	2	2
5330-00-213-1641	6	26	5315-01-009-6932	7	7
5306-00-225-8497	12	7	5310-01-012-3599	5	7
5306-00-225-8499	5	29		5	20
	8	1	5305-01-023-1901	6	24
4730-00-249-2029	9	7	5305-01-023-1902	7	14
5360-00-253-6915	5	24	4820-01-045-7791	5	23
4730-00-278-4741	4	7	4820-01-046-0269	5	26
4820-00-293-3662	4	10	2910-01-078-3588	1	8
3030-00-317-4811	2	9	4310-01-078-3698	2	1
4310-00-319-0481	4	1	2940-01-078-4655	3	1
5330-00-374-9517	7	10	3020-01-078-4904	4	5
5330-00-374-9518	7	9	4310-01-078-7782	8	7
4310-00-374-9521	6	9	6685-01-078-8266	9	10
5306-00-405-0881	5	28	4720-01-079-1687	1	9
3120-00-431-1643	6	10	4310-01-079-1992	5	19
4310-00-431-1649	5	25	4310-01-079-2003	5	5
5365-00-431-1655	5	27	5340-01-079-2004	5	16
4310-00-446-8995	7	8	4710-01-079-2274	4	6
5310-00-550-1130	8	6	4710-01-079-3197	4	11
4720-00-576-1394	1	12	4820-01-079-3303	5	11
5310-00-582-5965	6	12	4730-01-079-3495	1	13
	6	23	5310-01-079-4651	1	3
2805-00-601-5181	8	8		2	7
5315-00-616-5530	2	13	5340-01-079-4653	11	9
5310-00-641-8377	6	8	5306-01-079-4785	2	5
	6	19	5305-01-079-6365	5	6
4730-00-684-7223	4	12		5	15
5310-00-732-0558	12	12	5305-01-079-6366	5	1
5305-00-753-4322	1	1	5310-01-079-6572	1	2
	9	1		2	6
5310-00-768-0318	4	4		9	2
4310-00-777-6942	6	13	3110-01-079-6602	12	9
4310-00-777-6944	6	1	4820-01-079-6865	5	8
4310-00-777-6945	6	14	5330-01-079-7312	5	22

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG	ITEM	STOCK NUMBER	FIG	ITEM
5315-01-079-8240	6	7			
5315-01-079-8241	6	18			
5310-01-080-1750	5	10			
	5	18			
5330-01-080-3004	5	12			
5360-01-080-5472	5	9			
	5	17			
2910-01-081-8146	1	5			
5310-01-083-6383	3	2			
5330-01-083-9598	5	3			
4320-01-084-0534	4	8			
4310-01-084-0535	5	14			
4310-01-084-4233	5	30			
5330-01-092-6712	12	6			
5365-01-113-5602	2	11			
4820-01-166-4353	9	6			
9905-01-175-7303	11	10			
3020-01-206-6219	2	10			

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
86823	A21951		1	6
41947	A4993	4730-00-827-9291	10	1
91340	D9484-5528	4730-00-249-2029	9	7
71176	H-3/4	5365-01-113-5602	2	11
06034	HN05	4720-00-576-1394	1	12
96906	MS16998-44	5305-00-983-6661	6	11
			6	22
96906	MS17795-73	3120-00-891-8887	6	21
96906	MS18154-58	5305-00-115-9526	12	10
96906	MS24665-353	5315-00-839-5822	11	3
96906	MS27183-12	5310-00-081-4219	8	4
96906	MS27183-22	5310-00-951-7209	11	5
96906	MS35207-259	5305-00-993-1849	2	2
96906	MS35333-40	5310-00-550-1130	8	6
96906	MS35338-44	5310-00-582-5965	6	12
			6	23
96906	MS35338-45		9	3
96906	MS35340-45	5310-00-959-4679	8	3
96906	MS35389-1	2610-00-050-9560	12	2
96906	MS35392-48	2610-00-051-9114	12	3
96906	MS35756-15	5315-00-616-5530	2	13
96906	MS35782-5	4820-00-849-1220	9	9
96906	MS35869-4-5		4	9
96906	MS45904-69	5310-00-067-6357	11	8
96906	MS51095-334	5305-00-753-4322	1	1
			9	1
96906	MS51953-25	4730-00-196-1465	9	11
96906	MS51967-14	5310-00-768-0318	4	4
96906	MS51967-2		11	7
96906	MS51967-5	5310-00-880-7744	8	2
			12	13
96906	MS51967-8	5310-00-732-0558	12	12
96906	MS90725-10	5305-00-071-2241	11	6
96906	MS90725-122	5305-00-071-1775	4	3
96906	MS90725-32	5306-00-225-8497	12	7
96906	MS90725-34	5306-00-225-8499	5	29
			8	1
96906	MS90725-6	5305-00-068-0502	2	12
			8	5
68847	PA-1915		3	4
11568	Z538A	4720-00-874-3179	10	2
80201	10126	5330-00-179-0904	7	1
53239	10161	3120-00-431-1643	6	10
04718	1047-09	5310-01-083-6383	3	2
75336	112CT1/4 175	4820-01-166-4353	9	6
75336	112CX1-4		9	5
75336	125-1/4-60	4820-00-293-3662	4	10
53239	12524	4820-01-045-7791	5	23
53239	12525	4310-00-431-1649	5	25
53239	12526	4820-01-046-0269	5	26
53239	12549	5365-00-431-1655	5	27

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
55879	13009	3110-01-079-6602	12	9
53239	13321	3110-00-100-3139	7	5
53239	13523	4310-00-319-0481	4	1
04718	14116		12	5
94894	1506		10	3
93061	169C-5-4	4730-00-278-4741	4	7
71176	2AK34H3/4	3020-01-206-6219	2	10
55879	20106		12	8
55879	22PN		12	11
04718	22990	5330-01-092-6712	12	6
04718	26-278		1	10
04718	26-554	4730-00-871-6729	1	11
04718	26-626	4730-01-079-3495	1	13
30780	269C-6-4	4730-00-068-6616	4	13
53239	31762	4310-00-446-8995	7	8
53239	31763		7	12
53239	31764	5330-00-374-9517	7	10
53239	31765	5330-00-374-9518	7	9
53239	31767		6	27
53239	31768		7	6
53239	31769	4310-00-374-9521	6	9
53239	31770		7	2
53239	31772	5330-00-213-1641	6	26
53239	35755		7	4
53239	38227		7	11
53239	47929		5	2
53239	47931	5330-01-083-9598	5	3
53239	47934	5305-01-079-6366	5	1
53239	47936	4310-01-079-2003	5	5
53239	47938	5330-01-080-3004	5	12
53239	47973	5310-01-080-1750	5	10
			5	18
53239	47977	4310-01-079-1992	5	19
53239	47981	4820-01-079-6865	5	8
53239	47993	5360-01-080-5472	5	9
			5	17
53239	47999		5	13
53239	48001		5	4
53239	48122		5	21
53239	48123	4310-01-084-4233	5	30
53239	48124		6	6
53239	48125		6	17
53239	48126		6	25
53239	48146	5340-01-079-2004	5	16
53239	48147	4820-01-079-3303	5	11
53239	48198	4710-01-079-2274	4	6
53239	48199	4310-00-781-4789	6	20
53239	48202	5315-01-079-8240	6	7
53239	48203	5315-01-079-8241	6	18
53239	48204	5330-00-781-4788	5	31
53239	48205		6	15

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
53239	48205		6	15
53239	48206		6	16
53239	48207		6	3
53239	48208		6	4
53239	48209		6	5
53239	48210	5330-01-079-7312	5	22
53239	48211	4320-01-084-0534	4	8
53239	48416	4310-00-777-6942	6	13
53239	48417	4310-00-777-6945	6	14
53239	48418	4310-00-777-6944	6	1
53239	48419	4310-00-777-6946	6	2
53239	50679	5305-01-079-6365	5	6
			5	15
53239	50680	5310-01-012-3599	5	7
			5	20
53239	50681	4310-01-084-0535	5	14
93061	68C-6-8	4730-00-684-7223	4	12
12168	75-1/4		9	12
53239	7890	5310-00-641-8377	6	8
			6	19
53239	7891	5360-00-253-6915	5	24
04718	86-074	2910-01-081-8146	1	5
04718	86-074B		1	7
04718	86-074C	2910-01-078-3588	1	8
04718	86-076		12	1
04718	86-076HA		12	4
04718	86-077	4310-01-078-3698	2	1
04718	86-077A		2	4
04718	86-077B		2	3
04718	86-078	3020-01-078-4904	4	5
04718	86-086		11	2
04718	86-086ASSY		11	1
04718	86-087		9	13
04718	86-088	4710-01-079-3197	4	11
04718	86-089	4720-01-079-1687	1	9
04718	86-090		1	4
			9	4
04718	86-092	5310-01-079-4651	1	3
			2	7
04718	86-093	5310-01-079-6572	1	2
			2	6
			9	2
04718	86-094		2	8
04718	86-095	5306-01-079-4785	2	5
04718	86-096	6685-01-078-8266	9	10
04718	86-097	9905-01-175-7303	11	10
04718	86-098		11	4
04718	86-103	2940-01-078-4655	3	1
04718	86-103A		3	3
04718	86-103B		3	5
04718	88-000	5340-01-079-4653	11	9

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
04718	88-878	4310-01-078-7782	8	7
53239	9348		4	2
53239	9390	5315-01-009-6932	7	7
24161	9520	3030-00-317-4811	2	9
04718	96-014	4730-00-196-2055	9	8
97403	9786E3MARK1	2805-00-601-5181	8	8
53239	980	5305-01-023-1902	7	14
53239	98846	3110-00-100-0513	7	3
			7	13
53239	990	5306-00-405-0881	5	28
53239	996	5305-01-023-1901	6	24

SECTION IV
CROSS-REFERENCE INDEXES

TM5-4310-360-24P

FIGURE AND ITEM NUMBER INDEX		FSCM	PART NUMBER
FIG	ITEM	STOCK NUMBER	
1	1	5305-00-753-4322	96906 MS51095-334
1	2	5310-01-079-6572	04718 86-093
1	3	5310-01-079-4651	04718 86-092
1	4		04718 86-090
1	5	2910-01-081-8146	04718 86-074
1	6		86823 A21951
1	7		04718 86-074B
1	8	2910-01-078-3588	04718 86-074C
1	9	4720-01-079-1687	04718 86-089
1	10		04718 26-278
1	11	4730-00-871-6729	04718 26-554
1	12	4720-00-576-1394	06034 HN05
1	13	4730-01-079-3495	04718 26-626
2	1	4310-01-078-3698	04718 86-077
2	2	5305-00-993-1849	96906 MS35207-259
2	3		04718 86-077B
2	4		04718 86-077A
2	5	5306-01-079-4785	04718 86-095
2	6	5310-01-079-6572	04718 86-093
2	7	5310-01-079-4651	04718 86-092
2	8		04718 86-094
2	9	3030-00-317-4811	24161 9520
2	10	3020-01-206-6219	71176 2AK34H3 / 4
2	11	5365-01-113-5602	71176 H-3 / 4
2	12	5305-00-068-0502	96906 MS90725-6
2	13	5315-00-616-5530	96906 MS35756-15
3	1	2940-01-078-4655	04718 86-103
3	2	5310-01-083-6383	04718 1047-09
3	3		04718 86-103A
3	4		68847 PA-1915
3	5		04718 86-103B
4	1	4310-00-319-0481	53239 13523
4	2		53239 9348
4	3	5305-00-071-1775	96906 MS90725-122
4	4	5310-00-768-0318	96906 MS51967-14
4	5	3020-01-078-4904	04718 86-078
4	6	4710-01-079-2274	53239 48198
4	7	4730-00-278-4741	93061 169C-5-4
4	8	4320-01-084-0534	53239 48211
4	9		96906 MS35869-4-5
4	10	4820-00-293-3662	75336 125-1 / 4-60
4	11	4710-01-079-3197	04718 86-088
4	12	4730-00-684-7223	93061 68C-6-8
4	13	4730-00-068-6616	30780 269C-6-4
5	1	5305-01-079-6366	53239 47934
5	2		53239 47929
5	3	5330-01-083-9598	53239 47931
5	4		53239 48001
5	5	4310-01-079-2003	53239 47936
5	6	5305-01-079-6365	53239 50679
5	7	5310-01-012-3599	53239 50680

SECTION IV
CROSS-REFERENCE INDEXES

TM5-4310-360-24P

FIGURE AND ITEM NUMBER INDEX		FSCM	PART NUMBER
FIG	ITEM	STOCK NUMBER	
5	8	4820-01-079-6865	53239 47981
5	9	5360-01-080-5472	53239 47993
5	10	5310-01-080-1750	53239 47973
5	11	4820-01-079-3303	53239 48147
5	12	5330-01-080-3004	53239 47938
5	13		53239 47999
5	14	4310-01-084-0535	53239 50681
5	15	5305-01-079-6365	53239 50679
5	16	5340-01-079-2004	53239 48146
5	17	5360-01-080-5472	53239 47993
5	18	5310-01-080-1750	53239 47973
5	19	4310-01-079-1992	53239 47977
5	20	5310-01-012-3599	53239 50680
5	21		53239 48122
5	22	5330-01-079-7312	53239 48210
5	23	4820-01-045-7791	53239 12524
5	24	5360-00-253-6915	53239 7891
5	25	4310-00-431-1649	53239 12525
5	26	4820-01-046-0269	53239 12526
5	27	5365-00-431-1655	53239 12549
5	28	5306-00-405-0881	53239 990
5	29	5306-00-225-8499	96906 MS90725-34
5	30	4310-01-084-4233	53239 48123
5	31	5330-00-781-4788	53239 48204
6	1	4310-00-777-6944	53239 48418
6	2	4310-00-777-6946	53239 48419
6	3		53239 48207
6	4		53239 48208
6	5		53239 48209
6	6		53239 48124
6	7	5315-01-079-8240	53239 48202
6	8	5310-00-641-8377	53239 7890
6	9	4310-00-374-9521	53239 31769
6	10	3120-00-431-1643	53239 10161
6	11	5305-00-983-6661	96906 MS16998-44
6	12	5310-00-582-5965	96906 MS35338-44
6	13	4310-00-777-6942	53239 48416
6	14	4310-00-777-6945	53239 48417
6	15		53239 48205
6	15		53239 48205
6	16		53239 48206
6	17		53239 48125
6	18	5315-01-079-8241	53239 48203
6	19	5310-00-641-8377	53239 7890
6	20	4310-00-781-4789	53239 48199
6	21	3120-00-891-8887	96906 MS17795-73
6	22	5305-00-983-6661	96906 MS16998-44
6	23	5310-00-582-5965	96906 MS35338-44
6	24	5305-01-023-1901	53239 996
6	25		53239 48126
6	26	5330-00-213-1641	53239 31772

FIGURE AND ITEM NUMBER INDEX			FSCM	PART NUMBER
FIG	ITEM	STOCK NUMBER		
6	27		53239	31767
7	1	5330-00-179-0904	80201	10126
7	2		53239	31770
7	3	3110-00-100-0513	53239	98846
7	4		53239	35755
7	5	3110-00-100-3139	53239	13321
7	6		53239	31768
7	7	5315-01-009-6932	53239	9390
7	8	4310-00-446-8995	53239	31762
7	9	5330-00-374-9518	53239	31765
7	10	5330-00-374-9517	53239	31764
7	11		53239	38227
7	12		53239	31763
7	13	3110-00-100-0513	53239	98846
7	14	5305-01-023-1902	53239	980
8	1	5306-00-225-8499	96906	MS90725-34
8	2	5310-00-880-7744	96906	MS51967-5
8	3	5310-00-959-4679	96906	MS35340-45
8	4	5310-00-081-4219	96906	MS27183-12
8	5	5305-00-068-0502	96906	MS90725-6
8	6	5310-00-550-1130	96906	MS35333-40
8	7	4310-01-078-7782	04718	88-878
8	8	2805-00-601-5181	97403	9786E3MARK1
9	1	5305-00-753-4322	96906	MS51095-334
9	2	5310-01-079-6572	04718	86-093
9	3		96906	MS35338-45
9	4		04718	86-090
9	5		75336	112CX1-4
9	6	4820-01-166-4353	75336	112CT1/4 175
9	7	4730-00-249-2029	91340	D9484-5528
9	8	4730-00-196-2055	04718	96-014
9	9	4820-00-849-1220	96906	MS35782-5
9	10	6685-01-078-8266	04718	86-096
9	11	4730-00-196-1465	96906	MS51953-25
9	12		12168	75-1/4
9	13		04718	86-087
10	1	4730-00-827-9291	41947	A4993
10	2	4720-00-874-3179	11568	Z538A
10	3		94894	1506
11	1		04718	86-086ASSY
11	2		04718	86-086
11	3	5315-00-839-5822	96906	MS24665-353
11	4		04718	86-098
11	5	5310-00-951-7209	96906	MS27183-22
11	6	5305-00-071-2241	96906	MS90725-10
11	7		96906	MS51967-2
11	8	5310-00-067-6357	96906	MS45904-69
11	9	5340-01-079-4653	04718	88-000
11	10	9905-01-175-7303	04718	86-097
12	1		04718	86-076
12	2	2610-00-050-9560	96906	MS35389-1

SECTION IV
CROSS-REFERENCE INDEXES

TM5-4310-360-24P

FIGURE AND ITEM NUMBER INDEX			FSCM	PART NUMBER
FIG	ITEM	STOCK NUMBER		
12	3	2610-00-051-9114	96906	MS35392-48
12	4		04718	86-076HA
12	5		04718	14116
12	6	5330-01-092-6712	04718	22990
12	7	5306-00-225-8497	96906	MS90725-32
12	8		55879	20106
12	9	3110-01-079-6602	55879	13009
12	10	5305-00-115-9526	96906	MS18154-58
12	11		55879	22PN
12	12	5310-00-732-0558	96906	MS51967-8
12	13	5310-00-880-7744	96906	MS51967-5

By Order of the Secretary of the Army:

CARL E. VUONO

*General United States Army
Chief of Staff*

Official:

THOMAS F. SIKORA

*Brigadier General, United States Army
The Adjutant General*

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PFC JOHN DOE
COA, 3d ENGINEER BN
FT. LEADERSHIP, MD 63108

DATE SENT

PUBLICATION NUMBER

TM 5-4310-360-24P

PUBLICATION DATE

9 Mar 1990

PUBLICATION TITLE Compressor,
reciprocating, air handtruck
mounted. NSN 4310-01-055-0594

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
6	2-1 a		

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

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 2 cylinders.

81	4-3
----	-----

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

125	line 20
-----	---------

I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

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 = 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	1.785	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)

$$^{\circ}\text{F} \quad \text{Fahrenheit temperature} \quad \frac{5}{9}(\text{after subtracting } 32) \quad \text{Celsius temperature} \quad ^{\circ}\text{C}$$

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