TECHNICAL MANUAL

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

COMPRESSOR, RECIPROCATING: AIR: HANDTRUCK MOUNTED, GASOLINE ENGINE DRIVEN, 8 CFM, 175 PSI AND 5 CFM, 175 PSI (C&H DISTRIBUTORS MODEL 20-905) (NSN 4310-01-079-8878) (C&H DISTRIBUTORS MODEL 20-910) (NSN 4310-01-105-5794)

Approved for public release; distribution is unlimited.

*** This manual supersedes TM 5-4310-367-24P, 5 November 1981.**

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No. 5-4310-367-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 24 August 1989

Organizational, Direct Support and General Support Maintenance
Repair Parts and Special Tools List
for
COMPRESSOR, RECIPROCATING: AIR: HANDTRUCK MOUNTED
GASOLINE ENGINE DRIVEN, 8 CFM, 175 PSI AND 5 CFM, 175 PSI
(C&H DISTRIBUTORS MODEL 20-905) NSN 4310-01-079-8878
(C&H DISTRIBUTORS MODEL 20-910) NSN 4310-01-105-5794

Current as of May 20, 1989

REPORTING OF 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 Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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TABLE OF CONTENTS

		Page	Illust/ Figure
Section I.	Introduction	1	
Section II.	Repair Parts List		
Group 01	Fuel System (Tank, Lines and Filter).	1-1	1
Group 02	Compressor Drive	2-1	2
Group 03	Compressor Assembly	3-1	3
	Cylinder Head, Intake and Exhaust Valves	4-1	4
	Pistons and Connecting Rods	5-1	5
Group 04	Engine Assembly	6-1	6
Group 05	Air Receiver System	7-1	7
Group 06	Air Discharge System	8-1	8
Group 07	Handtruck Assembly	9-1	9
	Wheel Assembly	10-1	10
Section III.	Special Tools List (Not Applicable)		
Section IV.	Cross-Reference Indexes	I-1	
	National Stock Number Index	I-1	
	Part Number Index	I-2	
	Figure and Item Number Index.	I-6	

*This manual supersedes TM 5-4310-367-24P, 5 November 1981

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 of the Air Compressor. 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).

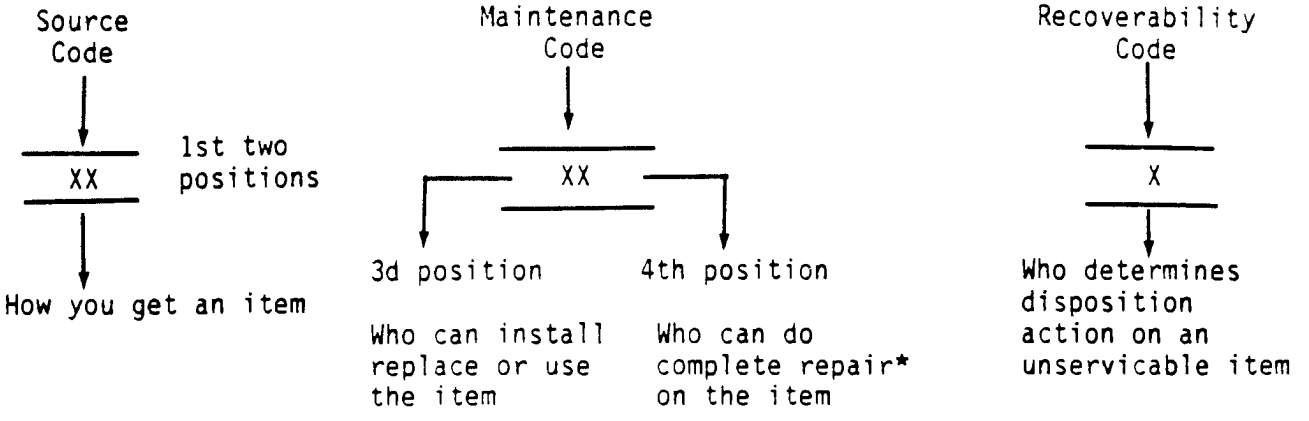
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

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 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	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. **NOTE: Items coded PC are subject to deterioration.
KD KF KB	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.

Code	Explanation
MO--(Made at org. AVUM Level MF--(Made at DS/ AVUM Level MH--(Made at GS Level) ML--Made at Specialized Repair Activity (SRA)) MD--(Made at Depot)	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION and USABLE ON CODE (UOC) column and listed in the Bulk Material group 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.

	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 an "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, 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.

Recoverability Codes	Application/Explanation
O	--Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit level.
F	--Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support or aviation intermediate level.
H	--Reparable item. When uneconomically reparable, 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 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. (5305-01-574-1467). (NSN / 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. Identification of usable on codes used in this publication are:

MODEL	USABLE ON CODE
20-905	DBR
20-910	DJY

b. ASSOCIATED PUBLICATIONS. The publications listed below pertains to the Air Compressor and its components.

Publication	Short Title
TM 5-4310-367-14	Compressor, Reciprocating: Air: (C & H Distributors Model 20-905), (C & H Distributors Model 20-910)

6. HOWTO 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 for 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 4a(l)). The part numbers in the Part Number index are listed in

ascending alphanumeric sequence (see paragraph 4b). 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.

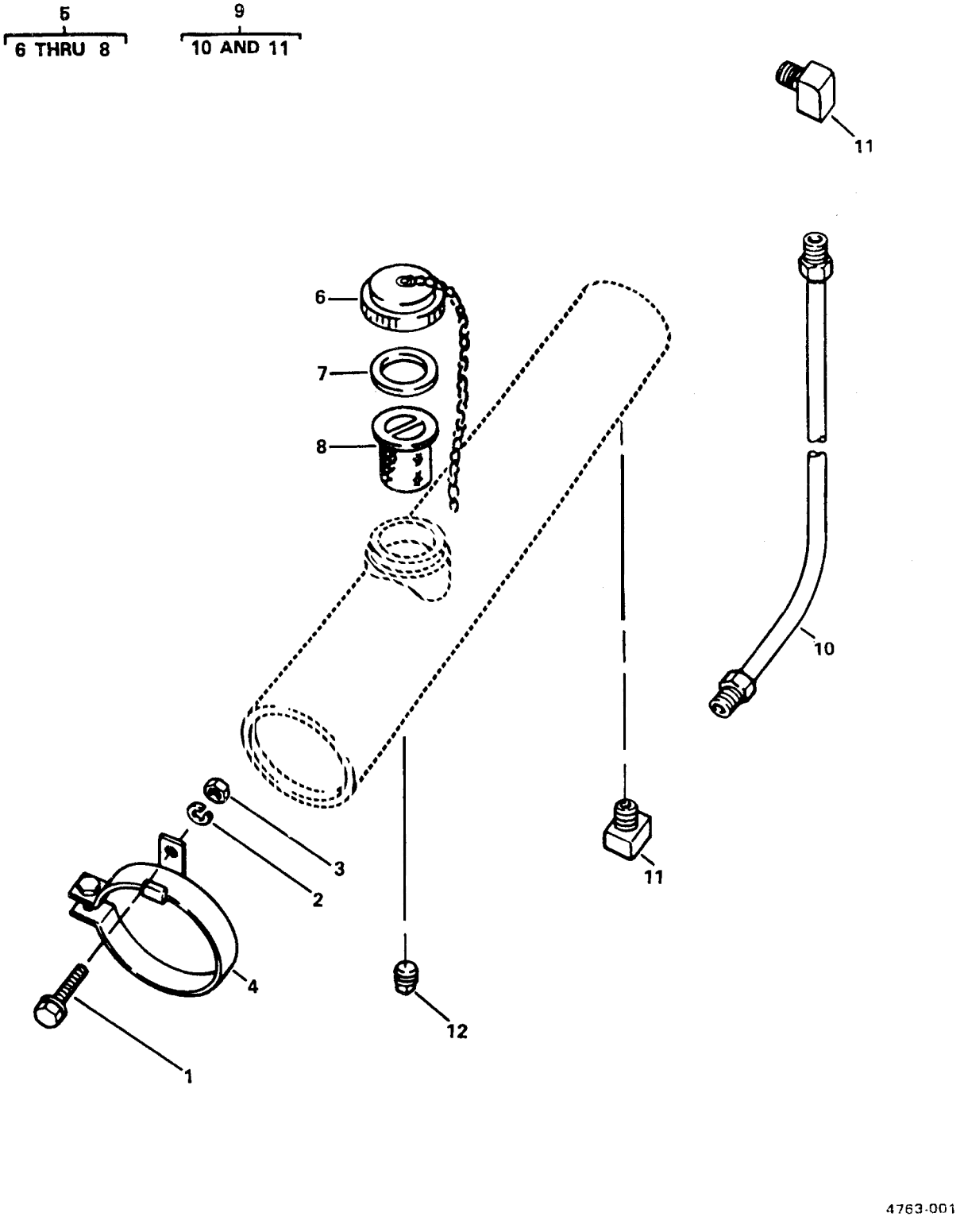


Figure 1. Fuel System (Tank, Lines and Filter).

(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	MS90725-6	SCREW,CAP,HEXAGON H	2
2	PAOZZ	96906	MS35338-44	WASHER,LOCK	2
3	PAOZZ	96906	MS51967-2	NUT,PLAIN,HEXAGON	2
4	XDOZZ	04718	86-090	HANGER,FUEL TANK UOC:DDR	2
4	XBOZZ	04718	86-130	HANGER,FUEL TANK UOC:DJY	2
5	PBOZZ	04718	86-074	TANK,FUEL,ENGINE UOC:DDR	1
6	PAOZZ	86823	A21951	.CAP,FILLER OPENING	1
7	PAOZZ	04718	86-074B	.GASKET	1
8	XBOZZ	04718	86-074C	.STRAINER ELEMENT,SE	1
9	PAOOO	04718	86-116	HOSE ASSEMBLY,FUEL	1
10	PAOZZ	04718	86-116A	.HOSE,FUEL	1
11	PAOZZ	30780	269NTA-4-2	.ELBOW,90 DEG	2
12	PAOZZ	38151	E-4850-1	PLUG,PIPE 1/8 IN. NPT	1
				END OF FIGURE	

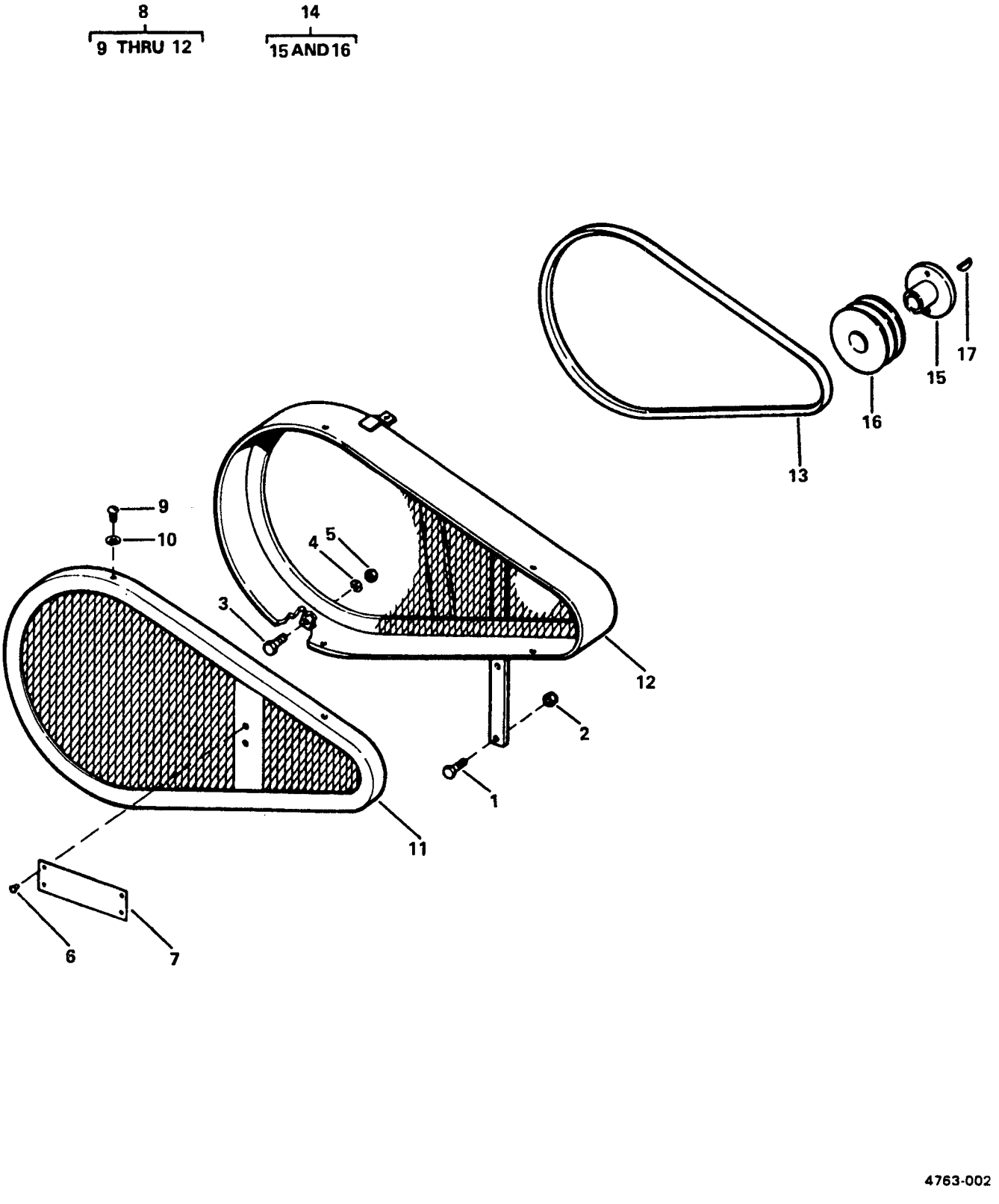


Figure 2. Compressor Drive.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 02 COMPRESSOR DRIVE	
1	PAOZZ	96906	MS35207-269	SCREW,MACHINE	2
2	PAOZZ	04718	96-012	NUT,SELF-LOCKING,HE	2
3	PAOZZ	96906	MS90725-6	SCREW,CAP,HEXAGON H	1
4	PAOZZ	96906	MS35333-40	WASHER,LOCK	1
5	PAOZZ	96906	MS51967-2	NUT,PLAIN,HEXAGON	1
6	PAOZZ	96906	MS20470A4-4	RIVET,SOLID	4
7	PBOZZ	04718	86-097	PLATE,WARNING	1
8	PBOFZ	04718	86-112	GUARD,MECHANICAL DR UOC:DDR	1
8	PBOFF	04718	86-122	GUARD,MECHANICAL DR UOC:DJY	1
9	PAOZZ	96906	MS35206-243	.SCREW,MACHINE	4
10	PAOZZ	96906	MS35338-42	.WASHER,LOCK	4
11	XAOFF	04718	86-112B	.COVER,GUARD UOC:DDR	1
11	XAOFF	04718	86-122B	.COVER,GUARD UOC:DJY	1
12	XAOFF	04718	86-112A	.BODY,GUARD UOC:DDR	1
12	XAOFF	04718	86-122A	.BODY,GUARD UOC:DJY	1
13	PAOZZ	71176	A54	BELT,DRIVE UOC:DDR	2
13	PAOZZ	24161	3V630-2	BELTS,V,MATCHED SET UOC:DJY	2
14	XBOZZ	71176	2AK30HX3/4	PULLEY ASSEMBLY DRIVE UOC:DDR	1
14	XBOZZ	04718	86-132	PULLEY ASSEMBLY UOC:DJY	1
15	XBOZZ	71176	H34	.BUSHING,PULLEY UOC:DDR	1
15	XBOZZ	71176	G3/4	.BUSHING,PULLEY UOC:DJY	1
16	XBOZZ	71176	2AK30H	.PULLEY UOC:DDR	1
16	XBOZZ	71176	2G3V26	.PULLEY,ENGINE UOC:DJY	1
17	PAOZZ	96906	MS35756-34	KEY,WOODRUFF	1
				END OF FIGURE	

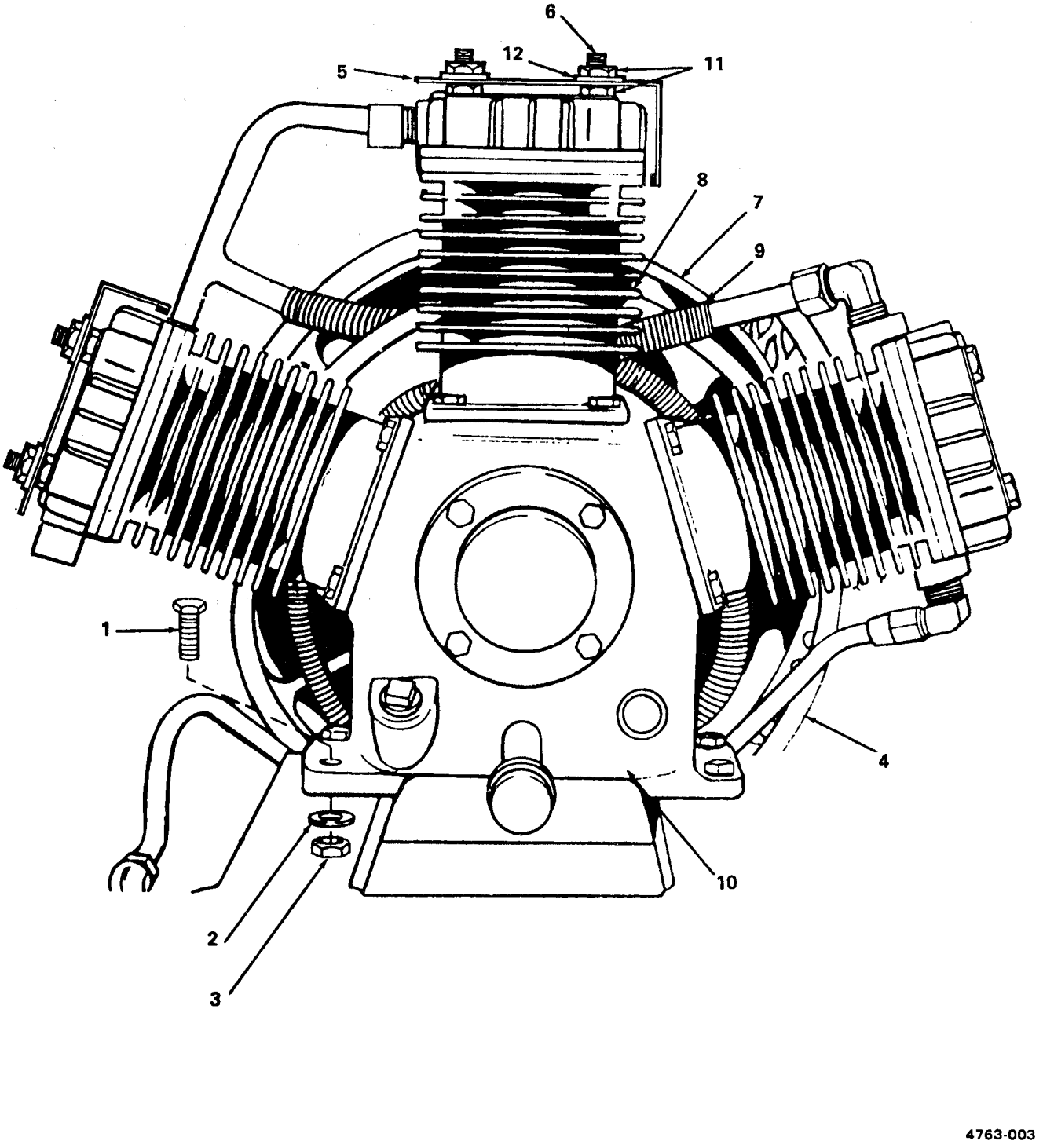


Figure 3. Compressor Assembly

(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 COMPRESSOR ASSEMBLY	
1	PAOZZ	96906	MS90725-34	BOLT,MACHINE	4
2	PAOZZ	96906	MS35333-41	WASHER,LOCK	4
3	PAOZZ	96906	MS51967-5	NUT,PLAIN,HEXAGON	4
4	PBOFH	11568	CAW-1	COMPRESSOR,RECIPROC UOC:DDR	1
4	PBOFH	11568	CAW-1 (WITH OUT FLYWHEEL)	PUMP, AIR COMPRESSOR UOC:DJY	1
5	XBOZZ	04718	86-127	.GUARD,RAIN UOC:DJY	2
6	XBOZZ	04718	86-128	.BOLT,STUD 5/16-18 X UOC:DJY	4
7	PBOZZ	04718	86-120	.PULLEY,GROOVE UOC:DJY	1
8	XBOZZ	71176	H-1	.BUSHING,FLYWHEEL UOC:DJY	1
9	XBOZZ	04718	86-124	.CLAMP,TUBE,NYLON U0C:DJY	1
10	PBOFH	11568	CAW-1 W/OFW	.COMPRESSOR,RECIPROC UOC:DJY	1
11	PAOZZ	96906	MS51967-5	.NUT,PLAIN,HEXAGON UOC:DJY	8
12	PAOZZ	96906	MS35335-34	.WASHER,LOCK UOC:DJY	4
				END OF FIGURE	

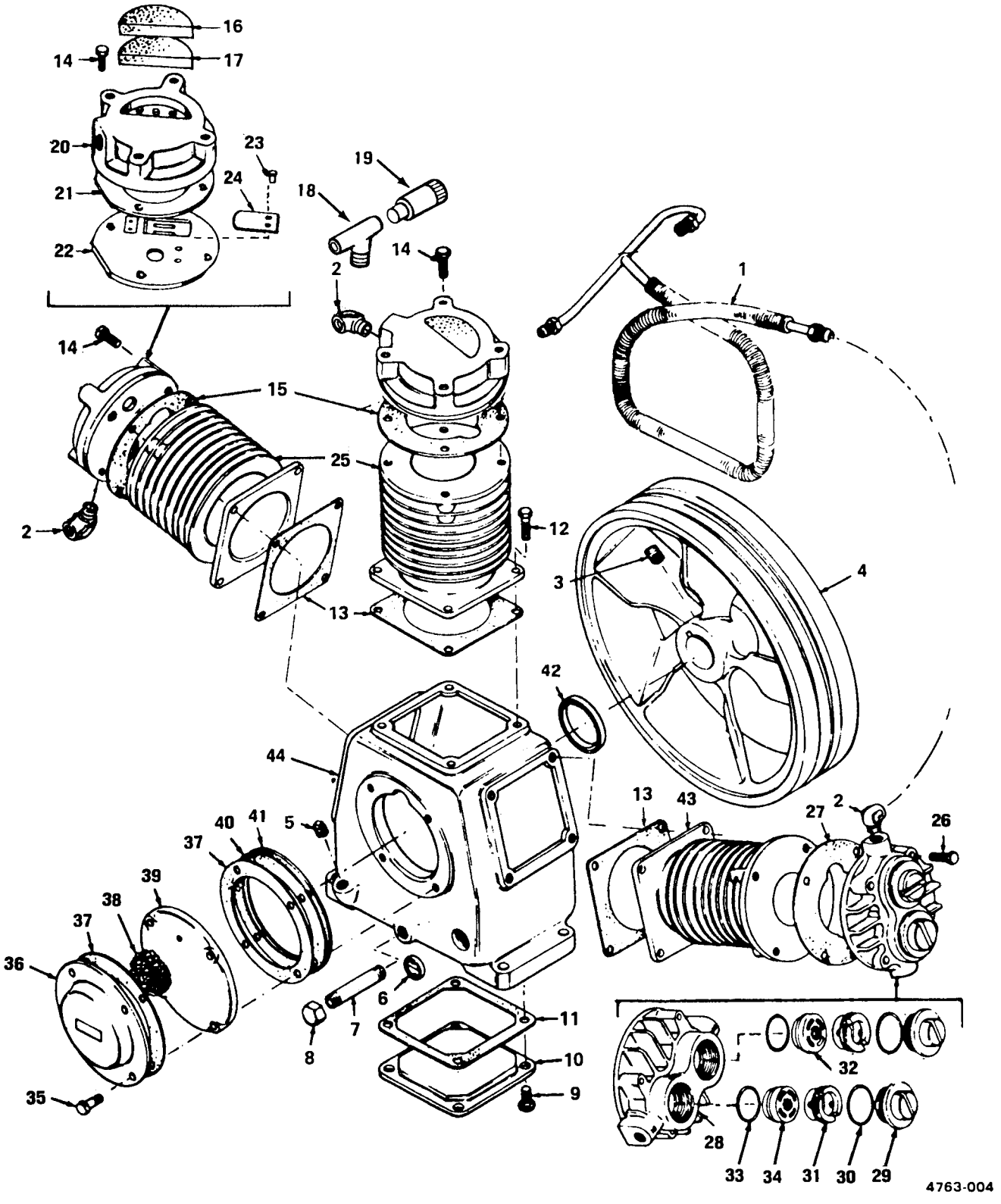


Figure 4. Cylinder Head, Intake, Intake and Exhaust Valves.

(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. 4 CYLINDER HEAD, INTAKE AND EXHAUST VALVES	
1	XBOZZ	11568	A-12A	.MANIFOLD,FLUID COOL	1
2	XDOZZ	11568	Z-515	.ELBOW,PIPE TO TUBE	3
2	PAOZZ	93061	179C-6-6	.ELBOW,PIPE TO TUBE UOC:DJY	1
3	XBOZZ	11568	M-568	.SETSCREW	1
4	PBOZZ	11568	NR-4-7A	.FLYWHEEL,COMPRESSOR UOC:DDR	1
5	XBOZZ	11568	M-485	.PLUG,OIL FILL,3/8	1
6	PBOZZ	11568	B-14	.INDICATOR,SIGHT,LIQ	1
7	XBOZZ	11568	M-1023B	.NIPPLE,OIL DRAIN	1
8	XBOZZ	11568	M-461	.CAP,OIL DRAIN,3/8	1
9	PAOZZ	96906	MS90725-3	.SCREW,CAP,HEXAGON H	4
10	XBOZZ	11568	A15	.COVER,ACCESS	1
11	KFOZZ	11568	A-33	.GASKET,HAND PLATE PART OF KIT P/N Z772	1
12	PAOZZ	96906	MS90725-32	.BOLT,MACHINE	12
13	KFFZZ	11568	A-29	.GASKET PART OF KIT P/N Z772	3
14	PAOZZ	96906	MS90725-39	.BOLT,MACHINE UOC:DDR	8
14	PAOZZ	96906	MS90725-39	.BOLT,MACHINE UOC:DJY	4
15	KFOZZ	11568	B-31	.GASKET PART OF KIT P/N Z772	2
16	PAOZZ	11568	M-1586	.FILTER ELEMENT,INTA	2
17	PAOZZ	11568	M-1587	.PAD,INTAKE,COMPRESS	2
18	PAOZZ	75336	128-60X1/8	VALVE,SAFETY,INTER	1
19	PAOZZ	04718	86-186	ADAPTOR,SPECIAL	1
20	PAOZZ	11568	M1561A	.CYLINDER HEAD,COMPR	2
21	KFOZZ	11568	M-1564	.GASKET PART OF KIT P/N Z772	2
22	PAOZZ	11568	M1563	.FLAPPER,MAGNETIC,VA	2
23	PAOZZ	11568	M-1565	.SCREW	8
24	PAOZZ	11568	M-1563	.FLAPPER,MAGNETIC,VA	4
25	XBFFH	11568	A-6A	.CYLINDER LOW PRESSURE	2
26	PAOZZ	96906	MS90725-36	.SCREW,CAP,HEXAGON H	4
27	KFOZZ	11568	C-31	.GASKET CYLINDER HEAD PART OF KIT P/N Z772	1
28	PBOZZ	11568	C-1	.CYLINDER HEAD,COMPR	1
29	XBOZZ	11568	B-28A	.CAP,VALVE CHAMER	2
30	KFOZZ	11568	B-75	.GASKET,CHAMER CAP PART OF KIT P/N Z772	2
31	PAOZZ	11568	B-26A	.RETAINER,EXHAUST VA	2
32	PAOZZ	11568	Z121A	.VALVE,INTAKE	1
33	KFOZZ	11568	U-48	.GASKET,VALVE PART OF KIT P/N Z772	2
34	PAOZZ	11568	Z122A	.VALVE ASSEMBLY EXHAUST	1
35	PAOZZ	96906	MS90725-6	.SCREW,CAP,HEXAGON H	4
36	XBOZZ	11568	A-100	.CHAMBER ASSEMBLY BREATHER	1
37	KFOZZ	11568	C-30	.GASKET PART OF KIT P/N Z772	2
38	PBOZZ	11568	A-100-3	.FILTER,ELEMENT INTA	1

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
39	XBOZZ	11968	C-14B	.COVER,CRANKCASE	1
40	KFOZZ	11568	C-30A	.SHIM,CRANKCASE PART OF KIT P/N Z772	1
41	KFOZZ	1158	C-30B	.SHIM,CRANKCASE PART OF KIT P/N Z772	1
42	PAOZZ	80201	10527	.SEAL,PLAIN ENCASED	1
43	XBFFH	11568	C-6B	.CYLINDER HIGH PRESSURE	1
				SHIM,CRANKCASE (1) 4-39	
44	XBFZZ	11568	B-9	.CRANKCASE	1
	PAFZZ	11568	Z772	GASKET SET	1
				GASKET (1) 4-25	
				GASKET (2) 4-19	
				GASKET (2) 4-15	
				GASKET (3) 4-13	
				GASKET (2) 4-35	
				GASKET,CHAMBER CAP (2) 4-28	
				GASKET,HAND PLATE (1) 4-11	
				GASKET,VALVE (2) 4-31	
				SHIM,CRANKCASE (1) 4-38	

END OF FIGURE

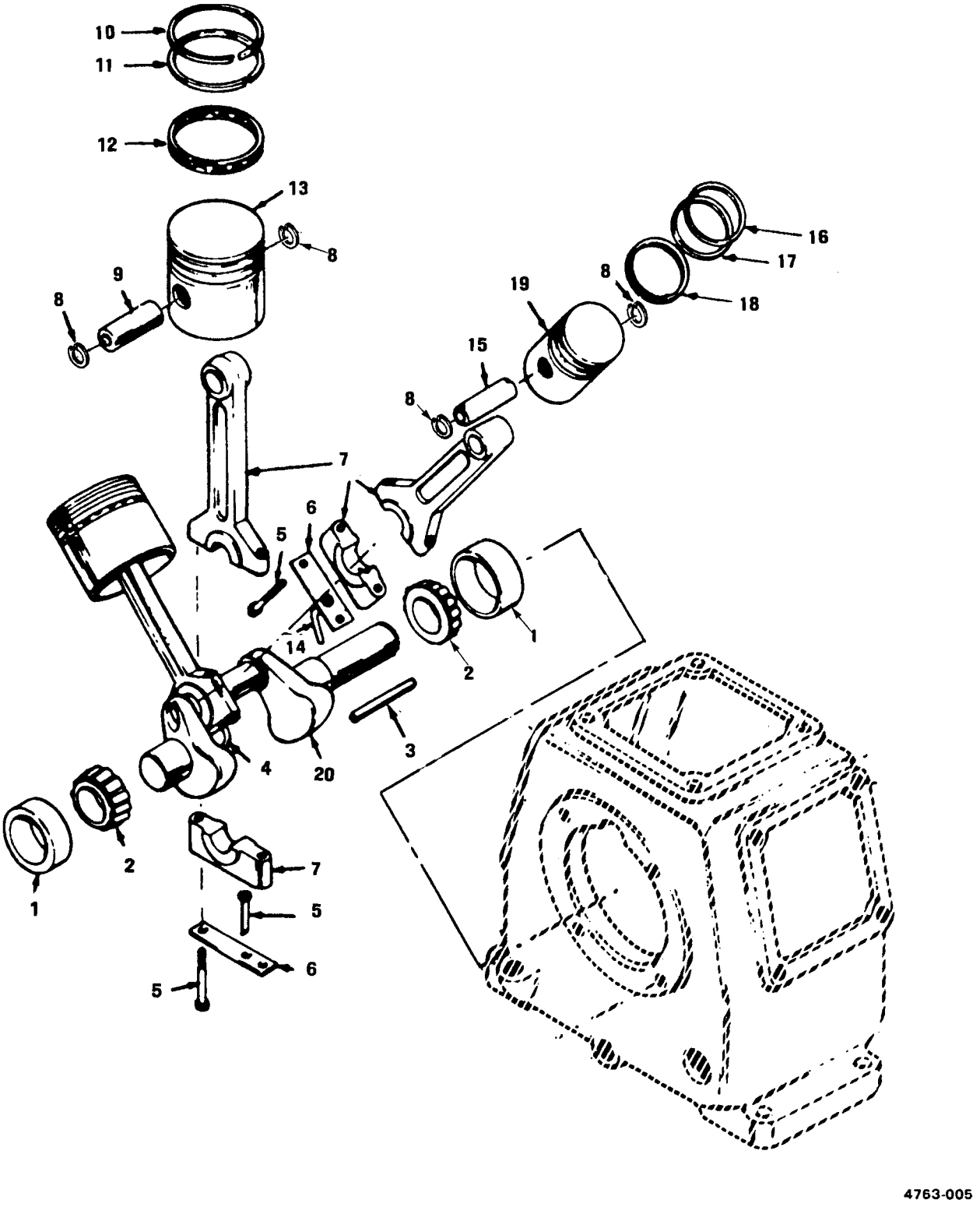


Figure 5. Pistons and Connecting Rods.

(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. 5 PISTONS AND CONNECTING RODS	
1	KFFZZ	11568	C-16	.CUP,TAPPERED ROLLER PART OF KIT P/N ZC-16	2
2	KFFZZ	11568	C-16A	.CONE AND ROLLERS,TA PART OF KIT P/N ZC-16	2
3	XBOZZ	11568	U-8	.KEY,FLYWHEEL	1
4	PAOZZ	11568	M-780	.SCREW,CAP,HEXAGON H	6
5	XBFZZ	11568	Z820	.OIL DIPPER ASSEMBLY	3
6	XBFZZ	11568	Z822	.OIL DIPPER ASSEMBLY	1
7	PAFZZ	11568	A176	.CONNECTING ROD,PIST	3
8	XBFZZ	11568	A-102	.RING,PIN RETAINING	6
9	XAFZZ	11568	A-21	.PIN,PISTON LOW PRESSURE	2
10	KFFZZ	11568	A-10A	.RING,PISTON LOW PRESSURE PART OF KIT P/N ZA10 PART OF KIT P/N ZCAW	2
11	KFFZZ	11568	ZA10	.RING SET,PISTON LOW PRESSURE PART OF KIT P/N ZA10 PART OF KIT P/N ZCAW	2
12	KFFZZ	11568	ZA10	.RING SET,PISTON LOW PRESSURE PART OF KIT P/N ZA10 PART OF KIT P/N ZCAW	2
13	XDFZZ	11568	A-4A	.PISTON,COMPRESSOR LOW PRESSURE	2
14	XBFZZ	11568	Z821	.OIL DIPPER ASSEMBLY	1
15	XAFZZ	11568	C-21A	.PIN,PISTON HIGH PRESSURE	1
16	KFFZZ	1158	ZC10	.RING SET,PISTON HIGH PRESSURE PART OF KIT P/N ZC10 PART OF KIT P/N ZCAW	1
17	KFFZZ	11568	ZC10	.RING SET,PISTON HIGH PRESSURE PART OF KIT P/N ZC10 PART OF KIT P/N ZCAW	1
18	KFFZZ	11568	ZC10	.RING SET,PISTON HIGH PRESSURE PART OF KIT P/N ZC10 PART OF KIT P/N ZCAW	1
19	PAFZZ	11568	C4A	.PISTON,COMPRESSOR	1
20	PBFZZ	11568	B5	.CRANKSHAFT,COMPRESS	1
				RING SET,PISTON (2) 5-12	
				RING SET,PISTON (2) 5-11	
	PAFZZ	11568	ZA10	RING SET,PISTON	2
				RING,PISTON (2) 5-10	
				RING SET,PISTON (2) 5-10	
				RING SET,PISTON (1) 5-17	
	PAFZZ	11568	ZC10	RING SET,PISTON	1
				RING SET,PISTON (1) 5-18	
				RING SET, PISTON (2) 5-12	
				RING SET,PISTON (2) 5-11	
	PAFZZ	11568	ZCAW	RING SET,PSTN,COMPL	1
				RING SET,PISTON (1) 5-16	
				RING SET,PISTON (1) 5-17	
				RING SET,PISTON (1) 5-18	
				RING,PISTON (2) 5-10	
				CONE AND ROLLERS,TA (2) 5-10	
				CUP,TAPPERED ROLLER (2) 5-1	

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
	PAFZZ	11568	ZC-16	BEARING ASSEMBLY	2

END OF FIGURE

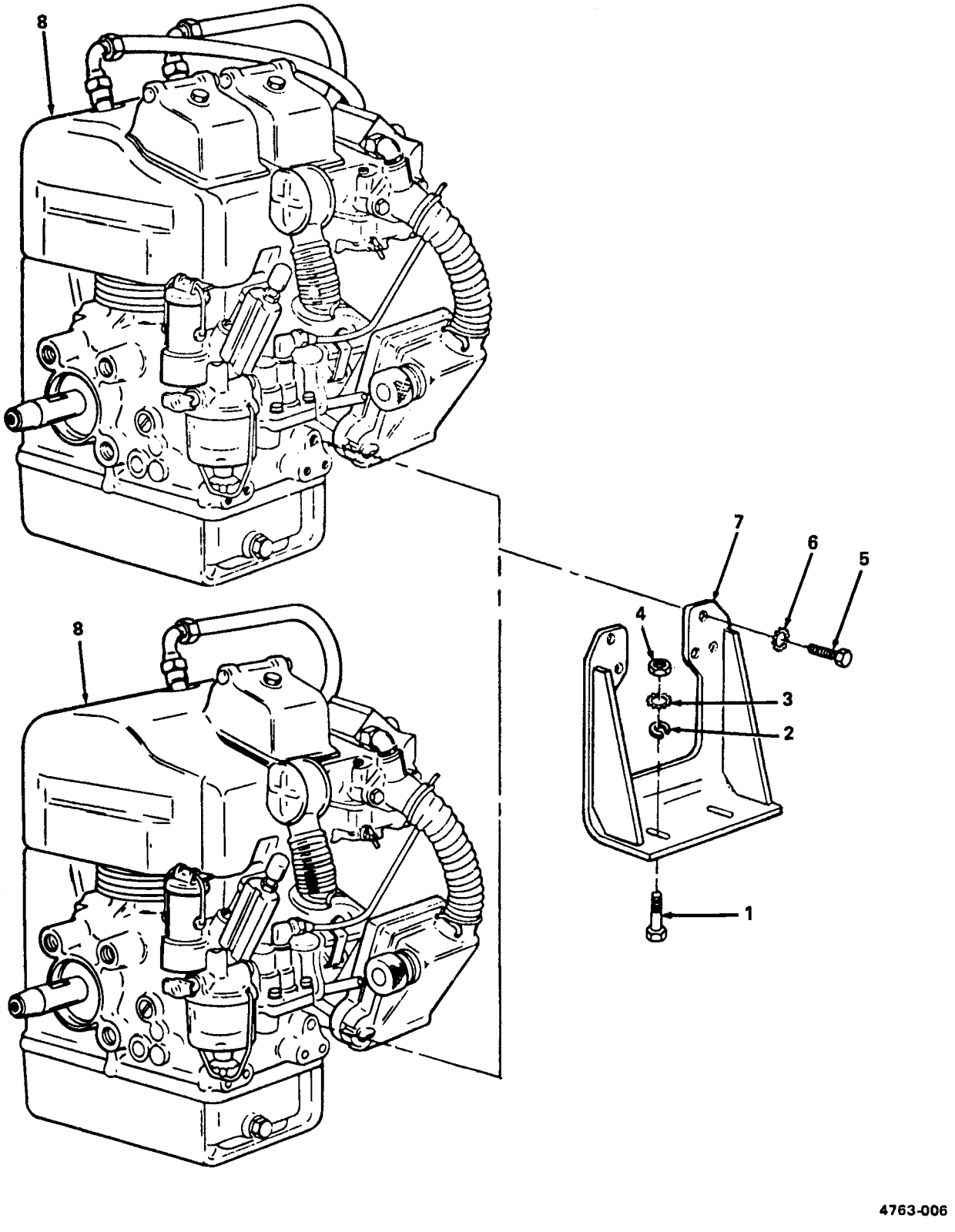


Figure 6. Engine Assembly.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 04 ENGINE ASSEMBLY	
				FIG. 6 ENGINE ASSEMBLY	
1	PAOZZ	96906	MS90725-34	BOLT,MACHINE	4
2	PAOZZ	96906	MS27183-12	WASHER,FLAT	4
3	PAOZZ	96906	MS35333-38	WASHER,LOCK	4
4	PAOZZ	96906	MS51967-5	NUT,PLAIN,HEXAGON	4
5	PAOZZ	96906	MS90725-6	SCREW,CAP,HEXAGON H	12
6	PAOZZ	96906	MS35333-40	WASHER,LOCK	12
7	XBOFF	04718	86-113	BRACKET,ENGINE UOC:DDR	2
7	XBOFF	0418	86-123	BRACKET,ENGINE UOC:DJY	2
8	PAFHH	97403	2A016-4	ENGINE,GASOLINE (SEE TM5-2805-257-24P FOR REPAIR PARTS) UOC:DDR	1
				END OF FIGURE	

1
2 AND 3

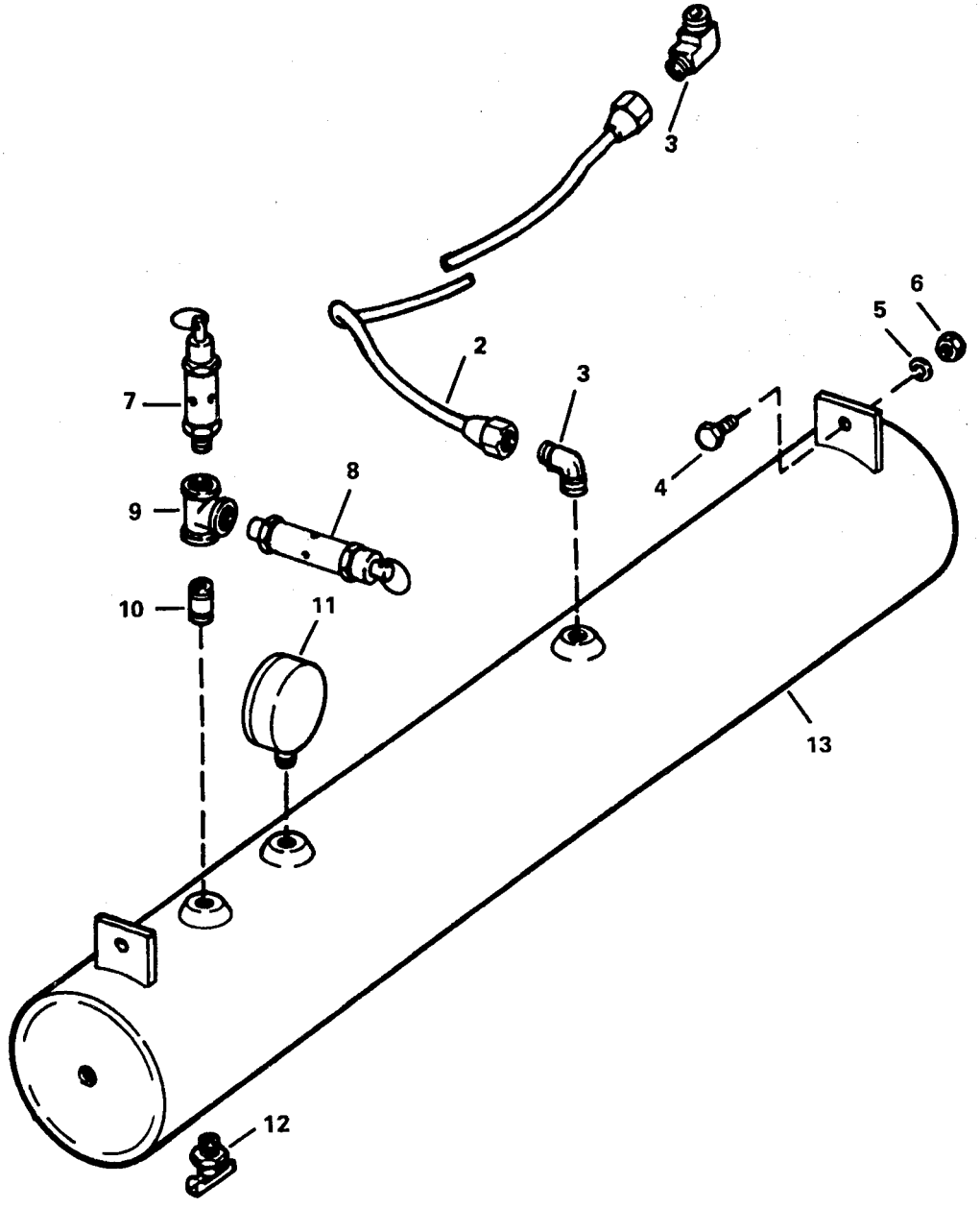


Figure 7. Air Receiver System.

(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. 7 AIR RECEIVER SYSTEM	
1	XBOZZ	04718	86-115	AFTERCOOLER ASSEMBL UOC:DDR	1
1	XBOZZ	04718	86-126	AFTERCOOLER ASSY UOC:DJY	1
2	XBOZZ	04718	86-115A	.TUBE,PRESENT	1
3	XBOZZ	30780	296-6-6	.ELBOW,TUBE UOC:DDR	2
3	XBOZZ	30780	179C64	.CONNECTOR,TUBING 45 DEGREE UOC:DJY	1
4	PAOZZ	96906	MS90725-6	SCREW,CAP,HEXAGON H	2
5	PAOZZ	96906	MS35333-40	WASHER,LOCK	2
6	XDOZZ	96906	MS51967-2	NUT,PLAIN,HEXAGON	2
7	PBOZZ	75336	112C1/4 175	VALVE,SAFETY RELIEF	1
8	PAOZZ	75336	112C1/4 200	VALVE,SAFETY RELIEF	1
9	XDOZZ	04718	96-013	TEE,PIPE	1
10	PAOZZ	96906	MS51873-25	NIPPLE,PIPE	1
11	PAOZZ	04718	86-096	GAGE,PRESSURE,DIAL	1
12	XBOZZ	30780	DC604-4	VALVE,DRAIN	1
13	PBOZZ	04718	86-117	TANK,AIR	1
				END OF FIGURE	

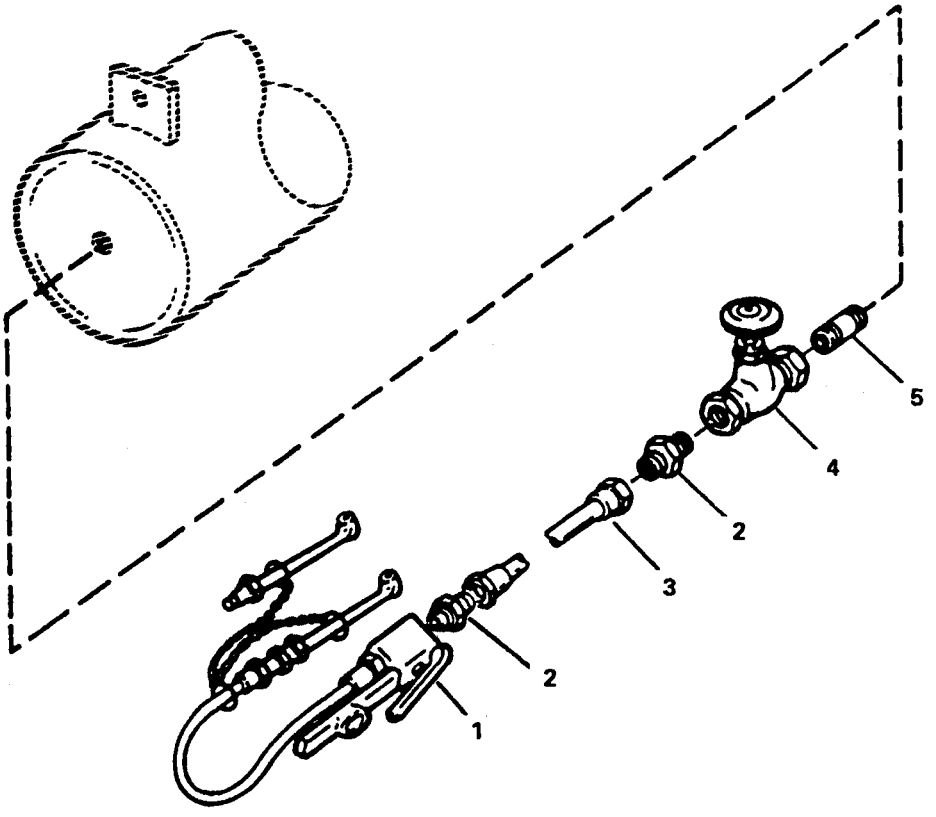


Figure 8. Air Discharge System.

(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. 8 AIR DISCHARGE SYSTEM	
1	PAOZZ	94894	61506	INFLATOR-GAGE,PNEUM	1
2	XBOZZ	93061	127HB4-4	ADAPTER,STRAIGHT,PI	2
3	PAOZZ	04718	88-751	HOSE ASSEMBLY,AIR	1
4	PBOZZ	12168	75 1/4	VALVE,GLOBE	1
5	PAOZZ	96906	MS51873-25	NIPPLE,PIPE	1
				END OF FIGURE	

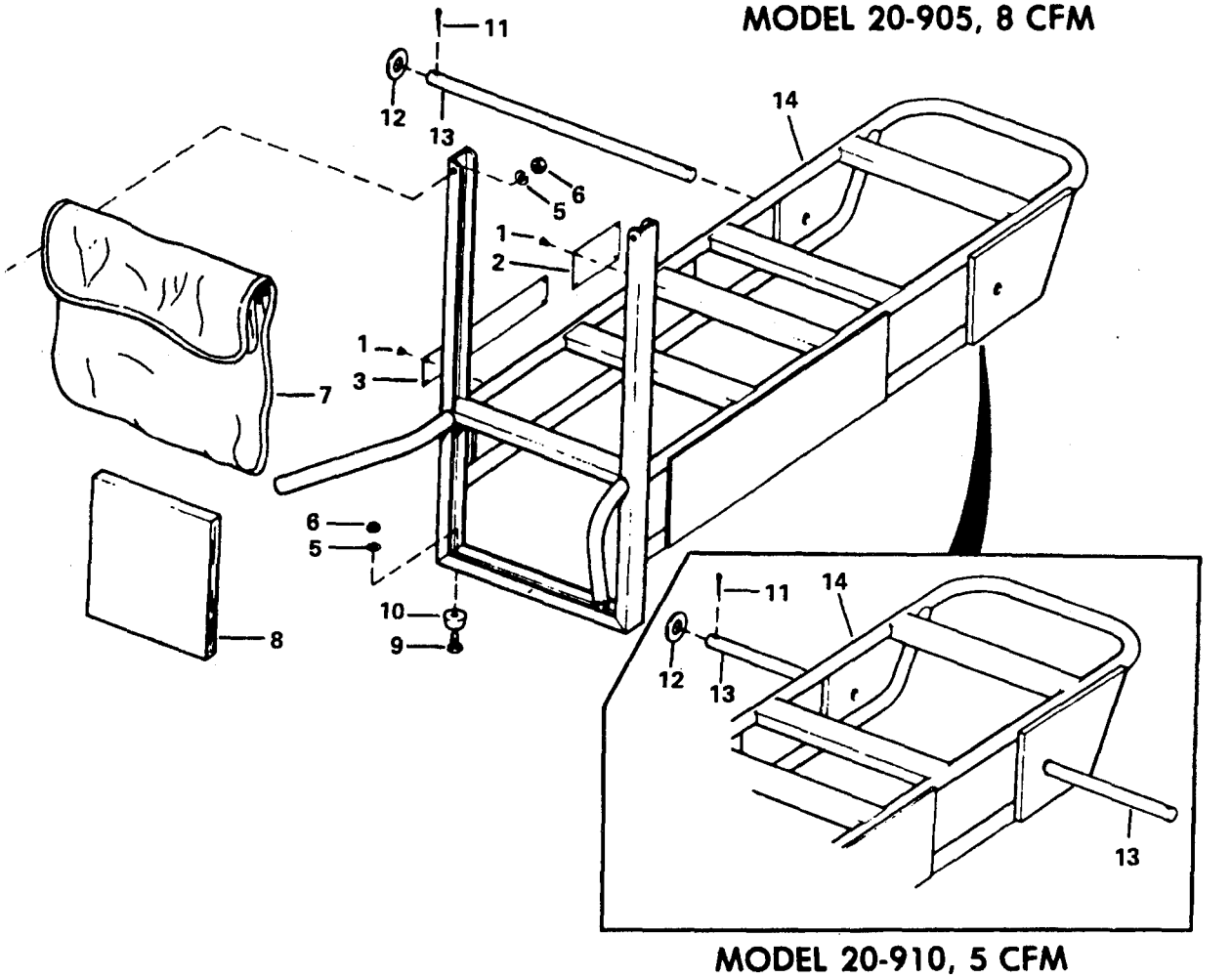


Figure 9. Handtruck Assembly.

(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. 9 HANDTRUCK ASSEMBLY	
1	PAOZZ	96906	MS20470A4-4	RIVET,SOLID	4
2	XBOZZ	04718	86-114	PLATE,IDENT UOC:DDR	1
2	XBOZZ	04718	86-125	PLATE,IDENT UOC:DJY	1
3	XBOZZ	04718	86-097	PLATE,WARNING	1
4	PAOZZ	96906	MS90725-6	SCREW,CAP,HEXAGON H	2
5	PAOZZ	96906	MS35338-44	WASHER,LOCK	2
6	PAOZZ	96906	MS51967-2	NUT,PLAIN,HEXAGON	2
7	XDOZZ	81349	MIL-C-11743	CASE,MAINTENANCE	1
8	PAOZZ	19207	11677003	BINDER,LOOSE-LEAF	1
9	PAOZZ	96906	MS90725-8	SCREW,CAP,HEXAGON H	2
10	XBOZZ	04718	88-000	BUMPER,NONMETALLIC	2
11	PAOZZ	96906	MS24665-360	PIN,COTTER	2
12	PAOZZ	96906	MS27183-21	WASHER,FLAT	4
13	XBOZZ	04718	86-118	AXLE	1
14	XBOFF	04718	86-086	UNDERCARRIAGE UOC:DDR	1
14	XBOFF	04718	86-121	UNDERCARRIAGE UOC:DJY	1
				END OF FIGURE	

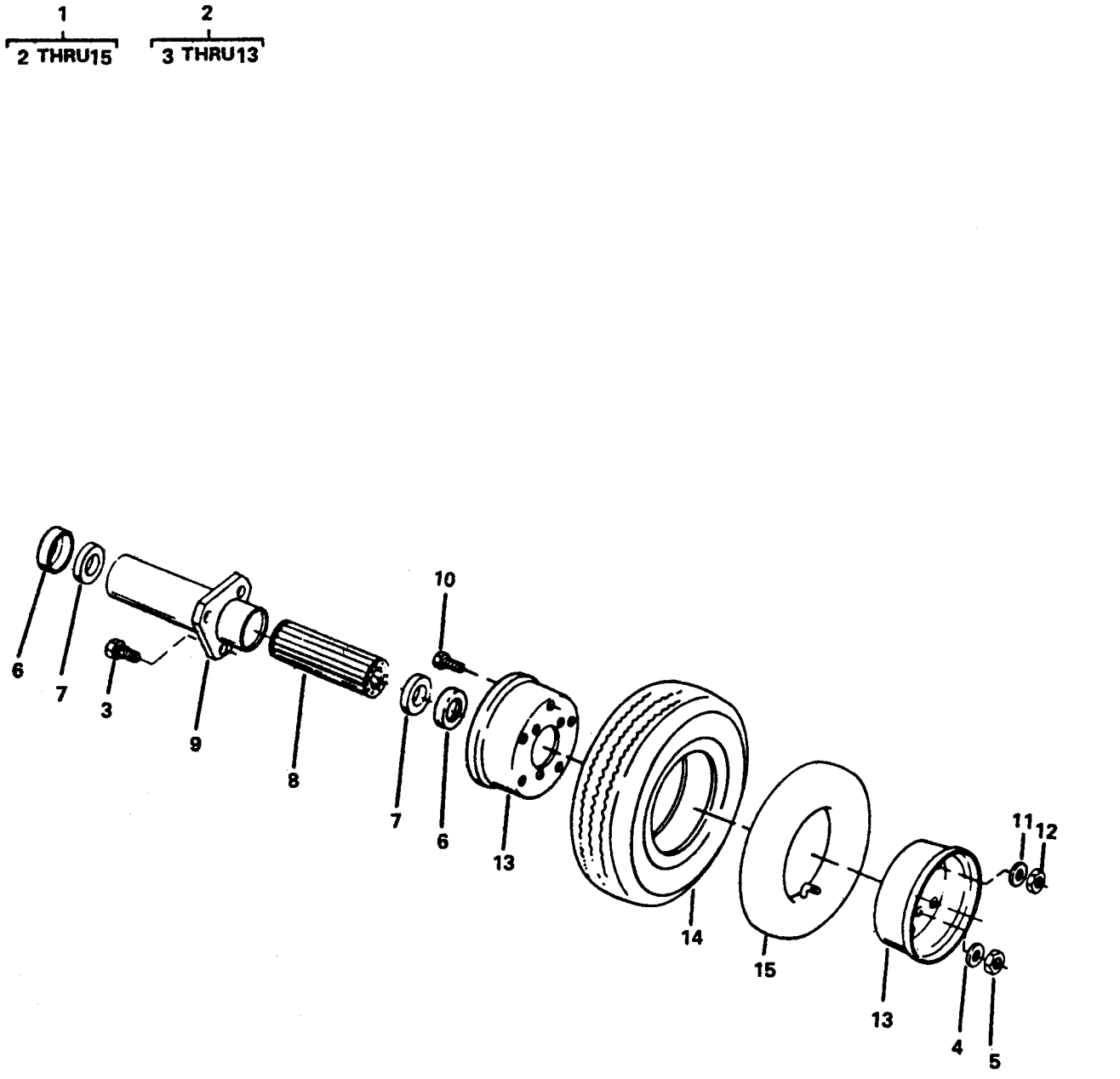


Figure 10. Wheel Assembly.

(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. 10 WHEEL ASSEMBLY	
1	XBOOO	04718	86-076	WHEEL ASSEMBLY	1
2	XBOOO	04718	6-076 1	.HUB ASSEMBLY,WHEEEL	1
3	PAOZZ	96906	MS90725-32	..BOLT,MACHINE	4
4	PAOZZ	96906	MS35335-34	..WASHER,LOCK	4
5	PAOZZ	96906	MS51967-5	..NUT,PLAIN,HEXAGON	4
6	XDOOO	04718	14116	..CAP,END,WHEEL	2
7	PBOZZ	04718	22990	.RUBBER SEAL	2
8	XBOZZ	55879	13009	..BEARING,ROLLER,CYLI	1
9	XBOZZ	55879	20106	..HUB WHEEL	1
10	PAOZZ	96906	MS18154-58	..SCREW,CAP,HEXAGON H	6
11	PAOZZ	96906	MS35335-35	..WASHER,LOCK	6
12	PAOZZ	96906	MS51967-8	..NUT,PLAIN,HEXAGON	6
13	XBOZZ	55879	22PN	..DISC,WHEEL	2
14	PBOFF	96906	MS35389-1	.TIRE,PNEUMATIC	1
15	PBOFF	96906	MS35392-48	.INNER TUBE,PNEUMATI	1
				END OF FIGURE	

Section III. SPECIAL TOOLS LIST

(Not Applicable)

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG	ITEM
4310-00-033-1415	4	28
4310-00-035-6246	4	31
5315-00-043-1787	2	17
5310-00-045-3299	2	10
2610-00-050-9560	10	14
2610-00-051-9114	10	15
3030-00-067-4221	2	13
5305-00-068-0500	4	9
5305-00-068-0502	1	1
	2	3
	4	35
	6	5
	7	4
	9	4
5310-00-081-4219	6	2
5305-00-115-9526	10	10
6680-00-150-6875	4	6
5310-00-167-0721	3	2
4730-00-196-1465	7	10
	8	5
5305-00-225-3839	9	9
5306-00-225-8497	4	12
	10	3
5306-00-225-8499	3	1
	6	1
5306-00-225-8503	4	14
	4	14
4730-00-278-3397	1	12
5330-00-291-2337	4	42
5315-00-298-1499	9	11
4310-00-462-7487	3	4
4820-00-470-6234	8	4
4820-00-477-7958	7	8
5310-00-514-6674	3	12
	10	4
5310-00-550-1130	2	4
	6	6
	7	5
5310-00-559-0070	6	3
3030-00-574-7433	2	13
5310-00-582-5965	1	2
	9	5
5320-00-584-9078	2	6
	9	1
5310-00-627-6128	10	11
2910-00-705-7814	1	6
5310-00-732-0558	10	12
5310-00-761-6882	1	3
	2	5
	9	6
5310-00-823-8803	9	12
5310-00-880-7744	3	3
	3	11
	6	4
	10	5
7510-00-889-3494	9	8
4310-00-911-2222	5	7
4310-00-911-6282	4	38
4310-00-911-6608	4	34
4310-00-911-6609	4	32
4310-00-911-9566	5	21
4310-00-911-9571	5	22
5305-00-984-6191	2	9
5305-00-995-3441	2	1
4310-01-039-3732	4	20
4310-01-039-5955	5	19
4310-01-039-6504	4	17
4310-01-040-3470	4	16
4310-01-040-7365	5	20
4820-01-041-8006	4	22
	4	24
4730-01-055-4013	1	11
5305-01-065-9046	4	23
5306-01-075-8519	4	26
6685-01-078-8266	7	11
5310-01-079-4652	2	2
4720-01-084-0118	8	3
5330-01-092-6712	10	7
5305-01-096-1246	5	4
4935-01-100-6567	5	24
5330-01-102-2460	4	
4310-01-102-7127	5	23
4310-01-102-8806	7	13
5330-01-157-3723	1	7
2805-01-169-1100	6	8
4720-01-175-7302	1	9
9905-01-175-7303	2	7
2910-01-186-0565	1	5
3020-01-188-4743	2	8
4310-01-199-4009	3	10
3020-01-205-0046	3	7
3020-01-205-3977	2	8
4730-01-208-5860	4	2
4730-01-283-9810	4	19

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
11568	A-10A		5	10
11568	A-100		4	36
11568	A-100-3	4310-00-911-6282	4	38
11568	A-102		5	8
11568	A-12A		4	1
11568	A-21		5	9
11568	A-29		4	13
11568	A-33		4	11
11568	A-4A		5	13
11568	A-6A		4	25
11568	A15		4	10
11568	A176	4310-00-911-2222	5	7
86823	A21951	2910-00-705-7814	1	6
71176	A54	3030-00-574-7433	2	13
11568	B-14	6680-00-150-6875	4	6
11568	B-26A	4310-00-035-6246	4	31
11568	B-28A		4	29
11568	B-31		4	15
11568	B-75		4	30
11568	B-9		4	44
11568	B5	4310-01-040-7365	5	20
11568	C-1	4310-00-033-1415	4	28
11968	C-14B		4	39
11568	C-16		5	1
11568	C-16A		5	2
11568	C-21A		5	15
11568	C-30		4	37
11568	C-30A		4	40
11568	C-30B		4	41
11568	C-31		4	27
11568	C-6B		4	43
11568	CAW-1	4310-00-462-7487	3	4
11568	CAW-1 (WITH OUT FLYWHEEL)		3	4
11568	CAW-1 W/OFW	4310-01-199-4009	3	10
11568	C4A	4310-01-039-5955	5	19
30780	DC604-4		7	12
38151	E-4850-1	4730-00-278-3397	1	12
71176	G3/4		2	15
71176	H-1		3	8
71176	H34		2	15
11568	M-1023B		4	7
11568	M-1563	4820-01-041-8006	4	24
11568	M-1564		4	21
11568	M-1565	5305-01-065-9046	4	23
11568	M-1586	4310-01-040-3470	4	16
11568	M-1587	4310-01-039-6504	4	17
11568	M-461		4	8
11568	M-485		4	5
11568	M-568		4	3
11568	M-780	5305-01-096-1246	5	4

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
81349	MIL-C-11743		9	7
96906	MS18154-58	5305-00-115-9526	10	10
96906	MS20470A4-4	5320-00-584-9078	2	6
			9	1
96906	MS24665-360	5315-00-298-1499	9	11
96906	MS27183-12	5310-00-081-4219	6	2
96906	MS27183-21	5310-00-823-8803	9	12
96906	MS35206-243	5305-00-984-6191	2	9
96906	MS35207-269	5305-00-995-3441	2	1
96906	MS35333-38	5310-00-559-0070	6	3
96906	MS35333-40	5310-00-550-1130	2	4
			6	6
			7	5
96906	MS35333-41	5310-00-167-0721	3	2
96906	MS35335-34	5310-00-514-6674	3	12
			10	4
96906	MS35335-35	5310-00-627-6128	10	11
96906	MS35338-42	5310-00-045-3299	2	10
96906	MS35338-44	5310-00-582-5965	1	2
			9	5
96906	MS35389-1	2610-00-050-9560	10	14
96906	MS35392-48	2610-00-051-9114	10	15
96906	MS35756-34	5315-00-043-1787	2	17
96906	MS51873-25	4730-00-196-1465	7	10
			8	5
96906	MS51967-2	5310-00-761-6882	1	3
			2	5
			7	6
			9	6
96906	MS51967-5	5310-00-880-7744	3	3
			3	11
			6	4
			10	5
96906	MS51967-8	5310-00-732-0558	10	12
96906	MS90725-3	5305-00-068-0500	4	9
96906	MS90725-32	5306-00-225-8497	4	12
			10	3
96906	MS90725-34	5306-00-225-8499	3	1
			6	1
96906	MS90725-36	5306-01-075-8519	4	26
96906	MS90725-39	5306-00-225-8503	4	14
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96906	MS90725-6	5305-00-068-0502	1	1
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			4	35
			6	5
			7	4
			9	4
96906	MS90725-8	5305-00-225-3839	9	9
11568	M1561A	4310-01-039-3732	4	20
11568	M1563	4820-01-041-8006	4	22

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
11568	NR-4-7A		4	4
11568	U-48		4	33
11568	U-8		5	3
11568	Z-515		4	2
11568	ZA10		5	11
			5	12
		4310-00-911-9566	5	21
11568	ZC-16	4935-01-100-6567	5	24
11568	ZCAW	4310-01-102-7127	5	23
11568	ZC10		5	16
			5	17
			5	18
		4310-00-911-9571	5	22
11568	Z121A	4310-00-911-6609	4	32
11568	Z122A	4310-00-911-6608	4	34
11568	Z772	5330-01-102-2460	4	
11568	Z820		5	5
11568	Z821		5	14
11568	Z822		5	6
80201	10527	5330-00-291-2337	4	42
75336	112C1/4 175		7	7
75336	112C1/4 200	4820-00-477-7958	7	8
19207	11677003	7510-00-889-3494	9	8
93061	127HB4-4		8	2
75336	128-60X1/8		4	18
55879	13009		10	8
04718	14116		10	6
93061	179C-6-6	4730-01-208-5860	4	2
30780	179C64		7	3
71176	2AK30H		2	16
71176	2AK30HX3/4		2	14
97403	2A016-4	2805-01-169-1100	6	8
71176	2G3V26		2	16
55879	20106		10	9
55879	22PN		10	13
04718	22990	5330-01-092-6712	10	7
30780	269NTA-4-2	4730-01-055-4013	1	11
30780	296-6-6		7	3
24161	3V630-2	3030-00-067-4221	2	13
04718	6-076 1		10	2
94894	61506		8	1
12168	75 1/4	4820-00-470-6234	8	4
04718	86-074		1	5
04718	86-074B	5330-01-157-3723	1	7
04718	86-074C		1	8
04718	86-076		10	1
04718	86-086		9	14
04718	86-090		1	4
04718	86-096	6685-01-078-8266	7	11
04718	86-097	9905-01-175-7303	2	7
			9	3

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
04718	86-112	3020-01-205-3977	2	8
04718	86-112A		2	12
04718	86-112B		2	11
04718	86-113		6	7
04718	86-114		9	2
04718	86-115		7	1
04718	86-115A		7	2
04718	86-116	4720-01-175-7302	1	9
04718	86-116A		1	10
04718	86-117	4310-01-102-8806	7	13
04718	86-118		9	13
04718	86-120	3020-01-205-0046	3	7
04718	86-121		9	14
04718	86-122	3020-01-188-4743	2	8
04718	86-122A		2	12
04718	86-122B		2	11
04718	86-123		6	7
04718	86-124		3	9
04718	86-125		9	2
04718	86-126		7	1
04718	86-127		3	5
04718	86-128		3	6
04718	86-129	2910-01-186-0565	1	5
04718	86-130		1	4
04718	86-132		2	14
04718	86-186	4730-01-283-9810	4	19
04718	88-000		9	10
04718	88-751	4720-01-084-0118	8	3
04718	96-012	5310-01-079-4652	2	2
04718	96-013		7	9

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG	ITEM	STOCK NUMBER	FSCM	PART NUMBER
1	1	5305-00-068-0502	96906	MS90725-6
1	2	5310-00-582-5965	96906	MS35338-44
1	3	5310-00-761-6882	96906	MS51967-2
1	4		04718	86-090
1	4		04718	86-130
1	5		04718	86-074
1	5	2910-01-186-0565	04718	86-129
1	6	2910-00-705-7814	86823	A21951
1	7	5330-01-157-3723	04718	86-074B
1	8		04718	86-074C
1	9	4720-01-175-7302	04718	86-116
1	10		04718	86-116A
1	11	4730-01-055-4013	30780	269NTA-4-2
1	12	4730-00-278-3397	38151	E-4850-1
2	1	5305-00-995-3441	96906	MS35207-269
2	2	5310-01-079-4652	04718	96-012
2	3	5305-00-068-0502	96906	MS90725-6
2	4	5310-00-550-1130	96906	MS35333-40
2	5	5310-00-761-6882	96906	MS51967-2
2	6	5320-00-584-9078	96906	MS20470A4-4
2	7	9905-01-175-7303	04718	86-097
2	8	3020-01-188-4743	04718	86-122
2	8	3020-01-205-3977	04718	86-112
2	9	5305-00-984-6191	96906	MS35206-243
2	10	5310-00-045-3299	96906	MS35338-42
2	11		04718	86-112B
2	11		04718	86-122B
2	12		04718	86-112A
2	12		04718	86-122A
2	13	3030-00-067-4221	24161	3V630-2
2	13	3030-00-574-7433	71176	A54
2	14		04718	86-132
2	14		71176	2AK30HX3/4
2	15		71176	G3/4
2	15		71176	H34
2	16		71176	2AK30H
2	16		71176	2G3V26
2	17	5315-00-043-1787	96906	MS35756-34
3	1	5306-00-225-8499	96906	MS90725-34
3	2	5310-00-167-0721	96906	MS35333-41
3	3	5310-00-880-7744	96906	MS51967-5
3	4		11568	CAW-1 (WITH OUT FLYWHEEL)
3	4	4310-00-462-7487	11568	CAW-1
3	5		04718	86-127
3	6		04718	86-128
3	7	3020-01-205-0046	04718	86-120
3	8		71176	H-1
3	9		04718	86-124
3	10	4310-01-199-4009	11568	CAW-1 W/OFW
3	11	5310-00-880-7744	96906	MS51967-5

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG	ITEM	STOCK NUMBER	FSCM	PART NUMBER
3	12	5310-00-514-6674	96906	MS35335-34
4		5330-01-102-2460	11568	7772
4	1		11568	A-12A
4	2		11568	Z-515
4	2	4730-01-208-5860	93061	179C-6-6
4	3		11568	M-568
4	4		11568	NR-4-7A
4	5		11568	M-485
4	6	6680-00-150-6875	11568	B-14
4	7		11568	M-1023B
4	8		11568	M-461
4	9	5305-00-068-0500	96906	MS90725-3
4	10		11568	A15
4	11		11568	A-33
4	12	5306-00-225-8497	96906	MS90725-32
4	13		11568	A-29
4	14	5306-00-225-8503	96906	MS90725-39
4	14	5306-00-225-8503	96906	MS90725-39
4	15		11568	B-31
4	16	4310-01-040-3470	11568	M-1586
4	17	4310-01-039-6504	11568	M-1587
4	18		75336	128-60X1/8
4	19	4730-01-283-9810	04718	86-186
4	20	4310-01-039-3732	11568	M1561A
4	21		11568	M-1564
4	22	4820-01-041-8006	11568	M1563
4	23	5305-01-065-9046	11568	M-1565
4	24	4820-01-041-8006	11568	M-1563
4	25		11568	A-6A
4	26	5306-01-075-8519	96906	MS90725-36
4	27		11568	C-31
4	28	4310-00-033-1415	11568	C-1
4	29		11568	B-28A
4	30		11568	B-75
4	31	4310-00-035-6246	11568	B-26A
4	32	4310-00-911-6609	11568	Z121A
4	33		11568	U-48
4	34	4310-00-911-6608	11568	Z122A
4	35	5305-00-068-0502	96906	MA90725-6
4	36		11568	A-100
4	37		11568	C-30
4	38	4310-00-911-6282	11568	A-100-3
4	39		11968	C-14B
4	40		11568	C-30A
4	41		11568	C-30B
4	42	5330-00-291-2337	80201	10527
4	43		11568	C-6B
4	44		11568	B-9
5	1		11568	C-16
5	2		11568	C-16A
5	3		11568	U-8

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG	ITEM	STOCK NUMBER	FSCM	PART NUMBER
5	4	5305-01-096-1246	11568	M-780
5	5		11568	Z820
5	6		11568	Z822
5	7	4310-00-911-2222	11568	A176
5	8		11568	A-102
5	9		11568	A-21
5	10		11568	A-10A
5	11		11568	ZA10
5	12		11568	ZA10
5	13		11568	A-4A
5	14		11568	Z821
5	15		11568	C-21A
5	16		11568	ZC10
5	17		11568	ZC10
5	18		11568	ZC10
5	19	4310-01-039-5955	11568	C4A
5	20	4310-01-040-7365	11568	B5
5	21	4310-00-911-9566	11568	ZA10
5	22	4310-00-911-9571	11568	ZC10
5	23	4310-01-102-7127	11568	ZCAW
5	24	4935-01-100-6567	11568	ZC-16
6	1	5306-00-225-8499	96906	MS90725-34
6	2	5310-00-081-4219	96906	MS27183-12
6	3	5310-00-559-0070	96906	MS35333-38
6	4	5310-00-880-7744	96906	MS51967-5
6	5	5305-00-068-0502	96906	MS90725-6
6	6	5310-00-550-1130	96906	MS35333-40
6	7		04718	86-113
6	7		04718	86-123
6	8	2805-01-169-1100	97403	2A016-4
7	1		04718	86-115
7	1		04718	86-126
7	2		04718	86-115A
7	3		30780	179C64
7	3		30780	296-6-6
7	4	5305-00-068-0502	96906	MS90725-6
7	5	5310-00-550-1130	96906	MS35333-40
7	6		96906	MS51967-2
7	7		75336	112C1/4 175
7	8	4820-00-477-7958	75336	112C1/4 200
7	9		04718	96-013
7	10	4730-00-196-1465	96906	MS51873-25
7	11	6685-01-078-8266	04718	86-096
7	12		30780	DC604-4
7	13	4310-01-102-8806	04718	86-117
8	1		94894	61506
8	2		93061	127HB4-4
8	3	4720-01-084-0118	04718	88-751
8	4	4820-00-470-6234	12168	75 1/4
8	5	4730-00-196-1465	96906	MS51873-25
9	1	5320-00-584-9078	96906	MS20470A4-4

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG	ITEM	STOCK NUMBER	FSCM	PART NUMBER
9	2		04718	86-114
9	2		04718	86-125
9	3		04718	86-097
9	4	5305-00-068-0502	96906	MS90725-6
9	5	5310-00-582-5965	96906	MS35338-44
9	6	5310-00-761-6882	96906	MS51967-2
9	7		81349	MIL-C-11743
9	8	7510-00-889-3494	19207	11677003
9	9	5305-00-225-3839	96906	MS90725-8
9	10		04718	88-000
9	11	5315-00-298-1499	96906	MS24665-360
9	12	5310-00-823-8803	96906	MS27183-21
9	13		04718	86-118
9	14		04718	86-086
9	14		04718	86-121
10	1		04718	86-076
10	2		04718	6-076 1
10	3	5306-00-225-8497	96906	MS90725-32
10	4	5310-00-514-6674	96906	MS35335-34
10	5	5310-00-880-7744	96906	MS51967-5
10	6		04718	14116
10	7	5330-01-092-6712	04718	22990
10	8		55879	13009
10	9		55879	20106
10	10	5305-00-115-9526	96906	MS18154-58
10	11	5310-00-627-6128	96906	MS35335-35
10	12	5310-00-732-0558	96906	MS51967-8
10	13		55879	22PN
10	14	2610-00-050-9560	96906	MS35389-1
10	15	2610-00-051-9114	96906	MS35392-48

By Order of the Secretary of the Army:

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

Official:

WILLIAM J. MEEHAN, II
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BE EXACT. . .PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO	TABLE NO
6	2-1 a		
81		4-3	
125	line 20		

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 Cylenders. The engine on my set only has 4 Cylenders. Change the manual to show 4 Cylenders.

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.

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 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 milliters = .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			

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