

TECHNICAL MANUAL

**UNIT AND DIRECT SUPPORT
REPAIR PARTS AND SPECIAL TOOLS LIST**

**AIR COMPRESSOR,
PORTABLE, 5 CFM
MODEL PD32T5**

NSN 4310-01-365-9013

Distribution Statement A: Approved for public release; Distribution is unlimited.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
31 OCTOBER 1994**

TECHNICAL MANUAL
NO. 9-4310-394-23P

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

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

**AIR COMPRESSOR, PORTABLE, 5 CFM
MODEL PD32T5
NSN 4310-01-365-9013**

Current as of 16 September 1994

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St Louis, MO 63120-1798. A reply will be furnished directly to you.

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

TABLE OF CONTENTS

	Page	Illus/ Figure
Section I. INTRODUCTION	1	
Section II. REPAIR PARTS LIST	1-1	
Group 01		
Compressor Assembly	1-1	
Information Plates and Decals	1-1	1
Air Hose and Inflation Gauge	2-1	2
Belt Guard, V-Belt, and Sheave	3-1	3
Fuel Lines and Fuel Valve	4-1	4
Fuel Tank	5-1	5
Fuel Filter	6-1	6
Key Switch	7-1	7
Air Gauge, Relief Valve, Unloader Valve, Unloader Valve Muffler, Safety Valve, and Discharge Tube	8-1	8

TABLE OF CONTENTS - Continued

	Page	Illus/ Figure
Compressor Oil Drain and Engine Oil Drain	9-1	9
Take-Up Screw	10-1	10
Tool Box	11-1	11
Vibration Mounts, Air Receiver, and Drain Cock	12-1	12
Wire Assemblies	13-1	13
Group 02		
Diesel Engine	14-1	14
Air Cleaner, Filter Element, and Air Intake Pipe	15-1	15
Muffler	16-1	16
Recoil Starter	17-1	17
Flywheel Cover	18-1	18
Starter	19-1	19
Fuel Injector Valve	20-1	20
Fuel Injector Pump	21-1	21
Lube Oil Strainer	22-1	22
Lube Oil Pump	23-1	23
Regulator Bracket	24-1	24
Cylinder Head Cover	25-1	25
Cylinder Head Components	26-1	26
Flywheel	27-1	27
Crankcase Assembly	28-1	28
Balancer Shaft Assembly, Camshaft Assembly, and Crankshaft Assembly	29-1	29
Group 03		
Compressor	30-1	30
Compressor Flywheel	30-1	30
Intercooler Tube	31-1	31
Filter Assembly, Oil Filler, and Sight Glass	32-1	32
Valve Head and Valve Plates	33-1	33
Group 04		
Chassis Assembly	34-1	34
Group 05		
Handle Grips, Tire and Wheel Assemblies, and Chassis	34-1	34
Bulk Materials List	Bulk-1	
Section III. SPECIAL TOOLS LIST	35-1	
Group 06 Special Tools	35-1	35
Section IV. CROSS-REFERENCE INDEXES	I-1	
National Stock Number Index	I-1	
Part Number Index	I-2	
Figure and Item Number Index	I-8	

UNIT AND DIRECT SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

1. SCOPE.

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit and direct support maintenance 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 Section I, Introduction, this Repair Parts and Special Tools List is divided into the following sections:

a. Section I. 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) or figure(s).

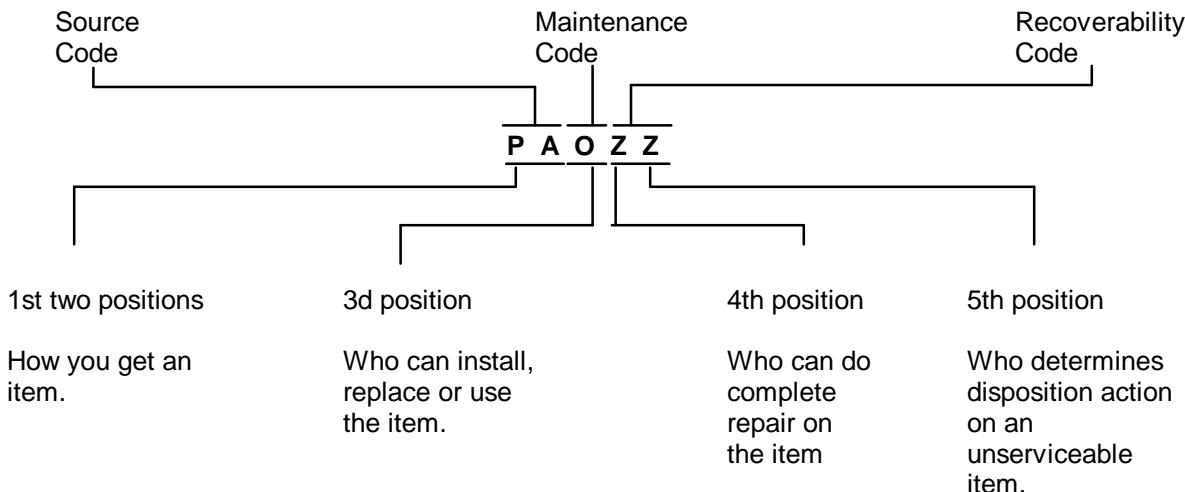
b. Section II. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

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

3. EXPLANATION OF COLUMNS (Sections II and III).

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

b. **SMR Code (Column (2))**. The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply and 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 you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow.

Code	Explanation
PA	
PB	
PC**	
PD	
PE	
PF	
PG	
KD	
KF	
KB	

}

Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3rd position of the SMR code.

**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 3rd 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 the RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.

Code	Explanation
AO (Assembled by org AVUM Level)	
AF (Assembled by DS/AVUM 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 3rd position code of the SMR code authorizes you to replace the item, but the source code indicates the items are assembled at a higher level, order the item from the higher level of maintenance.

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

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

Code	Application/Explanation
-------------	--------------------------------

C - Crew or operator maintenance done within the organization 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 level 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 3rd position of SMR Code.
O -	Reparable item. When not economically 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 C1 (C)-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 of bulk materials are referenced in this column in the line 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 (reference 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 equipment supported exceeds density spread indicated in the basis of issue, the total authorization is increased proportionately.
- (9) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both Section II and Section III.

f. QTY (Column (6)). The QTY (quantity per figure) column indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in the 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 in national item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN, i.e. When using this column to locate an item, ignore the first four 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 in ascending alphanumeric sequence (i. e., vertical arrangement of letter and number combinations which place 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/activity 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 Section II and Section III.

(5) 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.

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 Section 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/activity 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 of the applicable item description/nomenclature. Uncoded items are applicable to all models.

<u>Code</u>	<u>Used On</u>
FHH	PD32T5

b. **Fabrication Instructions.** Bulk materials required to manufacture items are listed in the Bulk Material Functional Group of this RPSTL. Part numbers for bulk materials are also referenced in the description column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source codes to be manufactured or fabricated are found in TM 9-4310-394-13.

c. **Assembly Instructions.** Detailed assembly instructions for items source coded to be assembled from component spare/repair parts are found in TM 9-4310-394-13. Items that make up the assembly are listed immediately following the assembly item entry or reference is made to an applicable figure.

d. **Kits.** Line item entries for repair parts kits appear in a group in Section II (see table of contents).

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

f. **Associated Publications.** The publication(s) listed below pertain to the air compressor and its components:

Publication	Short Title
TM 9-4310-394-13	Operator's, Unit, and Direct Support Maintenance Manual

6. HOW TO LOCATE REPAIR PARTS.

a. When National Stock Numbers or Part Numbers are NOT Known.

(1) **First.** Using the table of contents, determine the assembly 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.

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

(1) **First.** Using the of National Stock Number and Part Numbers, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence (see 4.1(1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see paragraph 4.b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) **Second.** 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.

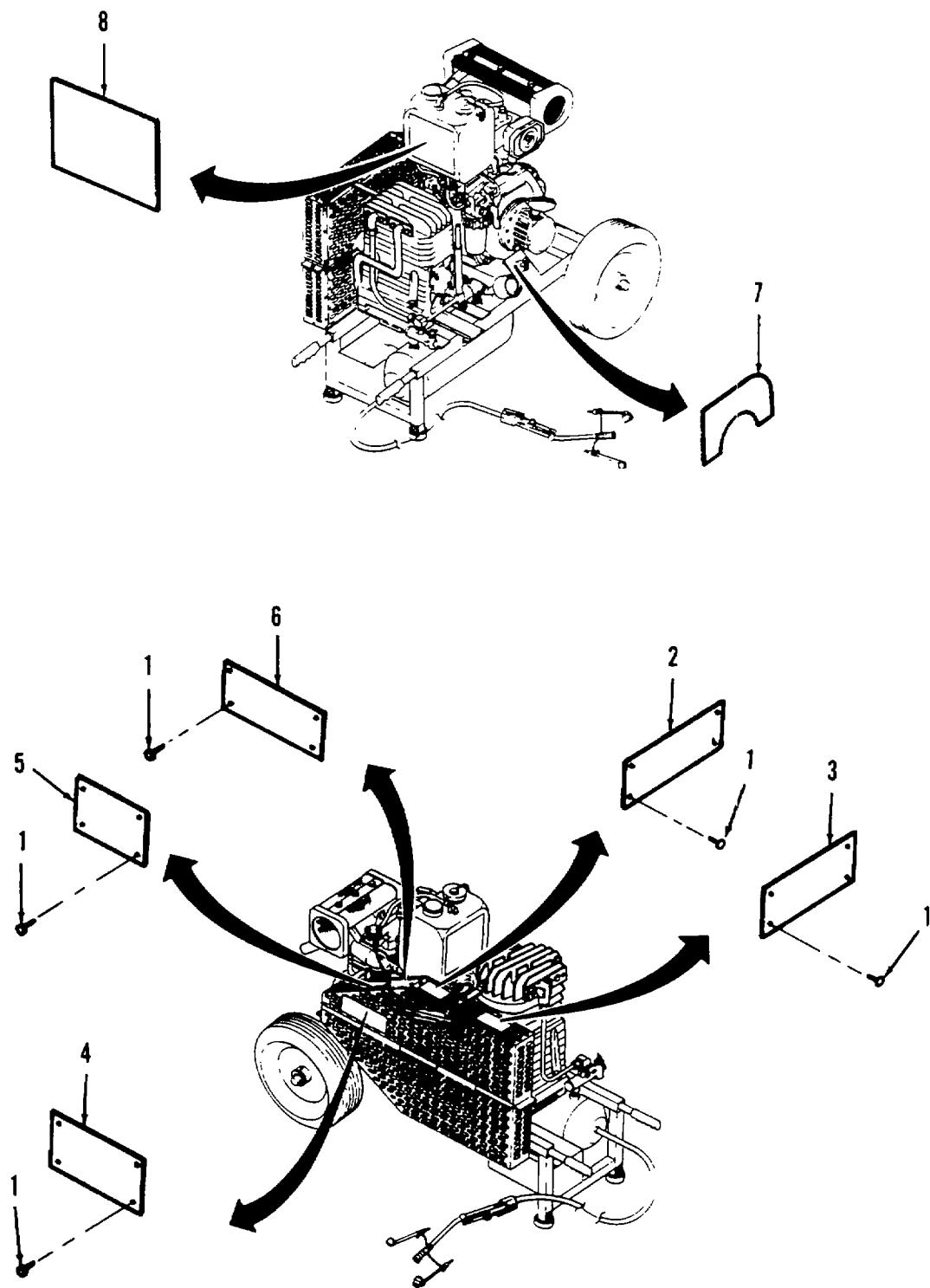


Figure 1. Information Plates and Decals

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC)					QTY
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 1 INFORMATION PLATES AND DECALS					
1	PAOZZ	39428	97517A015	RIVET 1/8 X 265 LONG	20
2	XDOZZ	55921	QAB342	IDENTIFICATION PLAT	1
3	XDOZZ	55921	QAB343	INFORMATION PLATE	1
4	XDOZZ	55921	QAB344	CAUTION PLATE SOUND LEVEL	1
5	XDOZZ	55921	QAB346	LABEL, WARNING	1
6	XDOZZ	55921	QAB345	SHIPPING DATA PLATE	1
7	XDOZZ	55921	QAB340	DECAL, KEY SWITCH	1
8	XDOZZ	55921	QAB341	DECAL, FUEL TANK	1

END OF FIGURE

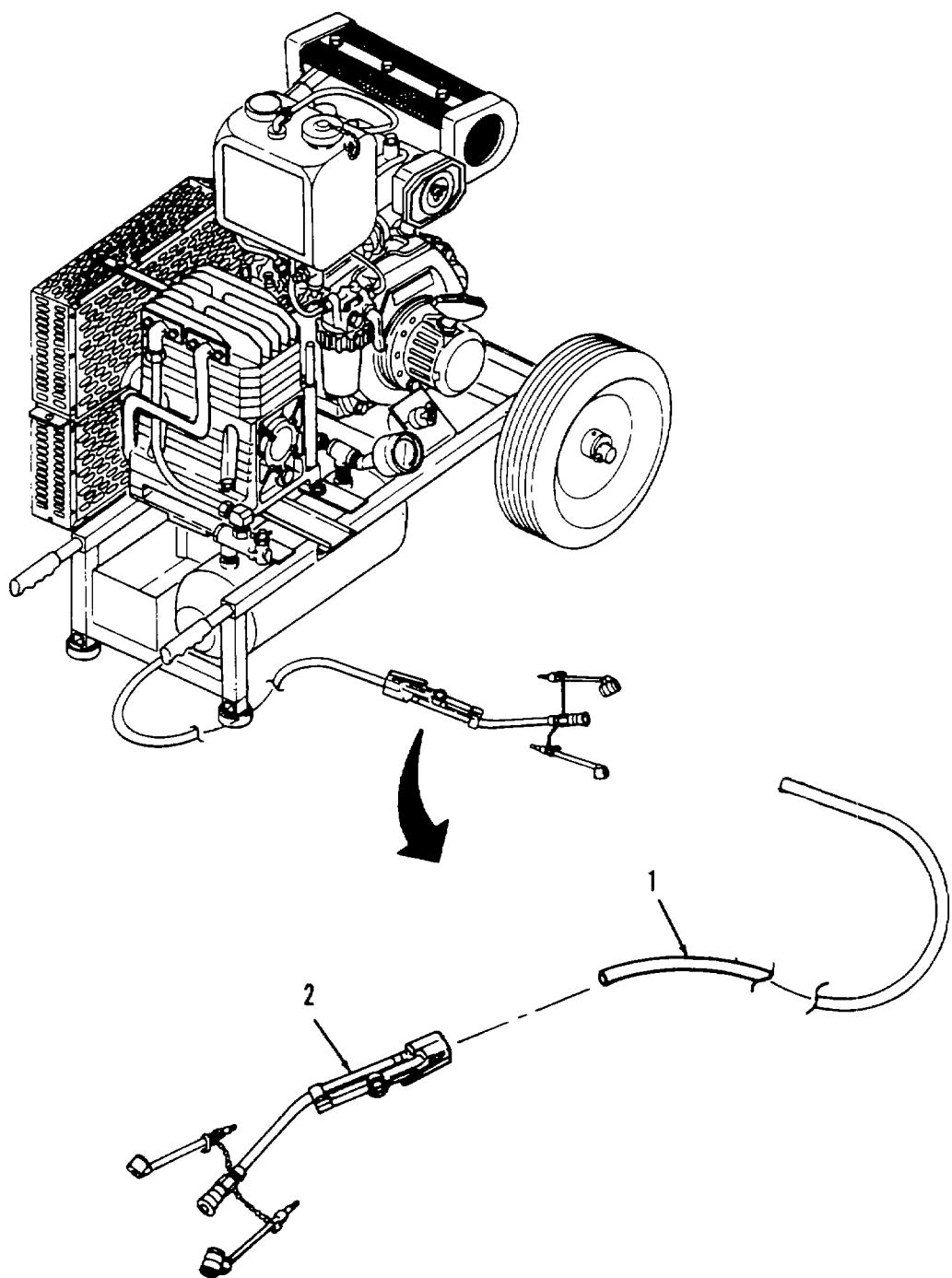


Figure 2. Air Hose and Inflation Gauge

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 2 AIR HOSE AND INFLATION GAUGE					
1	PAOZZ	55921	VR331	HOSE, AIR 50 FEET LONG	1
2	PAOZZ	94894	GIJ-J2-1506	GAUGE, INFLATION	1

END OF FIGURE

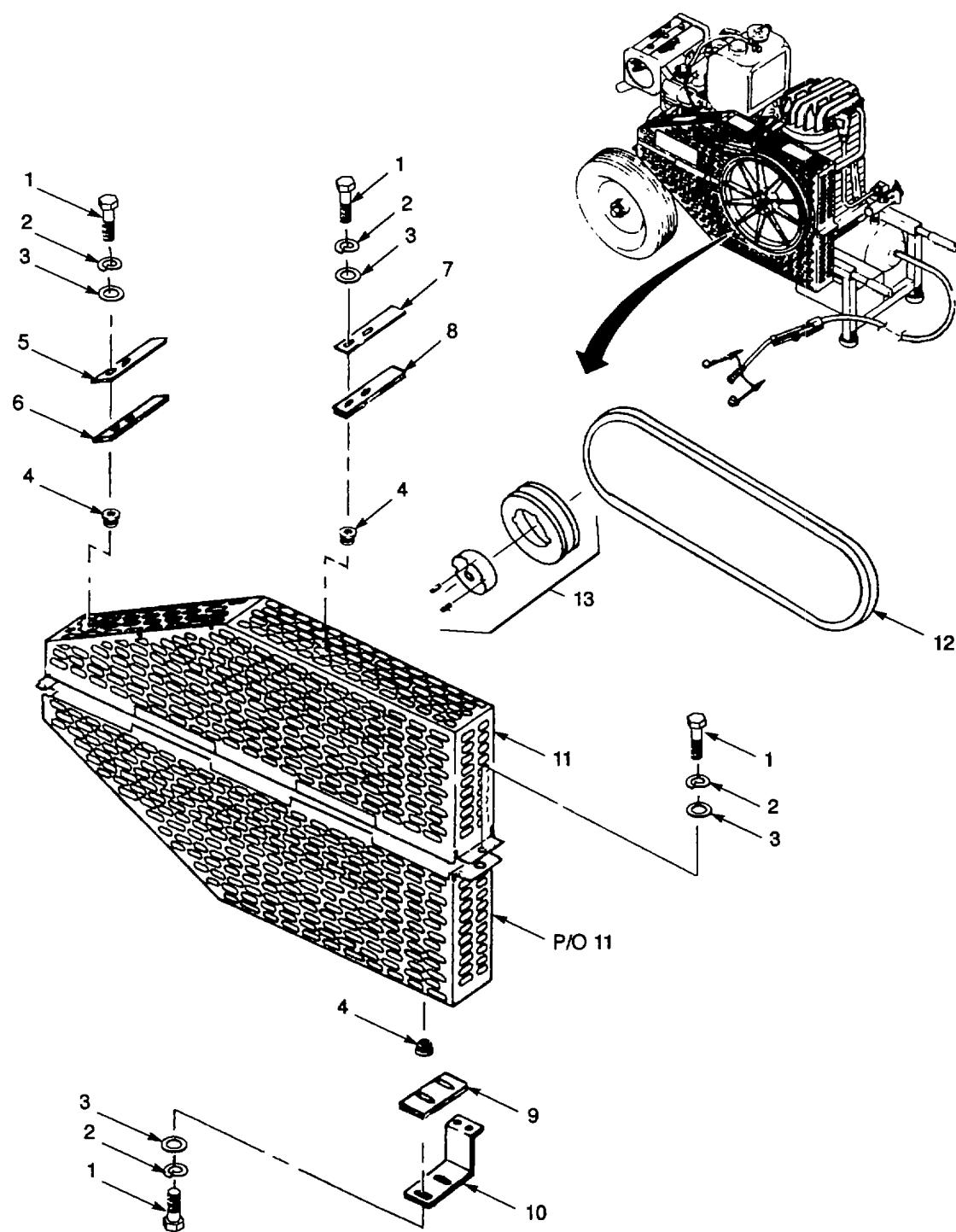


Figure 3. Belt Guard, V-Belt, and Sheave.

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 3 BELT GUARD, V BELT AND SHEAVE					
1	PAOZZ	96906	MS90725-1	SCREW,CAP,HEXAGON H 1/4-20 X 3/8.... IN LONG	12
2	PAOZZ	96906	MS35338-139	WASHER,LOCK 1/4 IN	12
3	PAOZZ	96906	MS271BS-9	WASHER,FLAT 1/4 IN	12
4	PAOZZ	19738	9654-08	NUTSERT 1/4-20	12
5	XDOZZ	55921	CAF2289	BRACKET, BELT GUARD TOP,..... COMPRESSOR SIDE	1
6	XDOZZ	55921	CA1304	RUBBER GASKET COMPRESSOR TO..... BELTGUARD BRACKET	1
7	XDOZZ	55921	CAF2288	BRACKET, BELT GUARD TOP, ENGINE ... SIDE.....	1
8	XDOZZ	55921	CA1305	RUBBER GASKET ENGINE TO BELTGUARD BRACKET	1
9	XDOZZ	55921	CA1306	RUBBER GASKET BOTTOM BELTGUARD BRACKET	1
10	XDOZZ	55921	CAF2277	BRACKET, BELT GUARD BOTTOM.....	1
11	XDOOO	55921	CAF2296	BELTGUARD ASSE MBLY	1
12	PAOZZ	96906	MS39255-A61	BELT, V A61	1
13	PAOZZ	71956	119195	SHEAVE A/B GROOVE, 3.2 P.D.....	1

END OF FIGURE

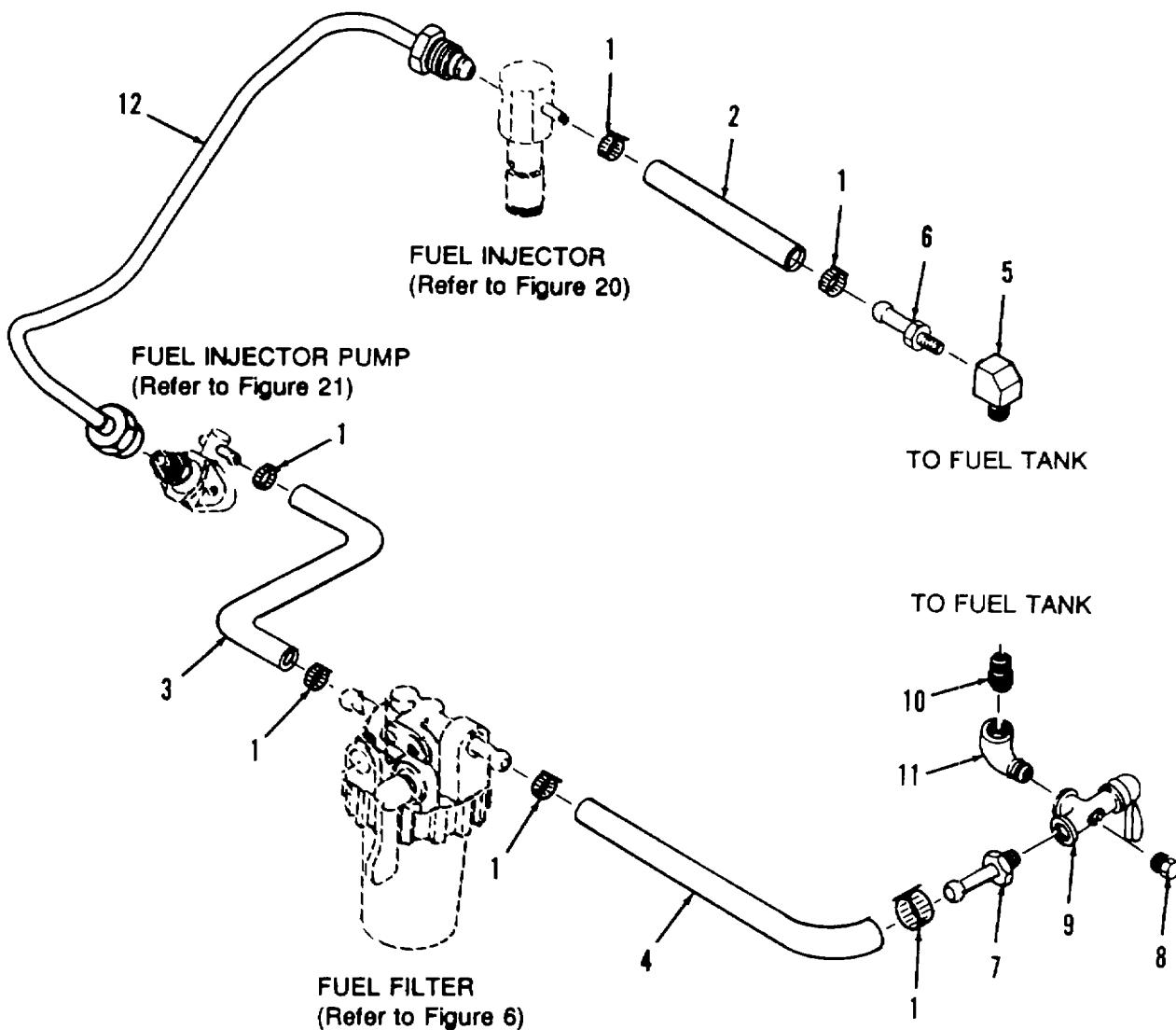


Figure 4. Fuel Lines and Fuel Valve

SECTION II		TM9-4310-394-23P		(5)	(6)
ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 4 FUEL LINES AND FUEL VALVE					
1	PAOZZ	96906 MS35842-10	CLAMP,HOSE GEAR TYPE	6	
2	MOOZZ	55921 VA1220	FUEL LINE HOSE MAKE FROM HOSE, PN	1	
3	MOOZZ	55921 VA1221B	H05703, 3/16 ID X 16.00 IN LG		
4	MOOZZ	55921 VA1221A	FUEL INJECTOR LINE MAKE FROM HOSC ...	1	
5	PAOZZ	96906 MS51952-1	PN H05705, 5/16 ID X 9.00 IN LG		
6	PAOZZ	79470 1541	FUEL FILTER LINE MAKE FROM HOSE PN ..	1	
7	PAOZZ	79470 1555	H05705, 5/16 ID X 8.00 IN LG		
8	PAOZZ	96906 MS20913-2	ELBOW,PIPE 1/8 NPT, 90 DEG, BRASS.....	1	
9	PAOZZ	31493 302WV3	CONNECTOR, HOSE END 1/8 MPT	1	
10	PAOZZ	96906 MS51872-20	CONNECTOR, HOSE END 1/4 MPT	1	
11	PAOZZ	96906 MS51952-2	PLUG,PIPE	1	
12	PBOZZ	OAK42 114250-59800	VALVE,BALL	1	
			NIPPLE,PIPE 1/4 IN, BRASSS	1	
			ELBOW,PIPE 1/4 NPT BRASS, 90 DEGREE...	1	
			PIPE,FUEL INJECTION	1	

END OF FIGURE

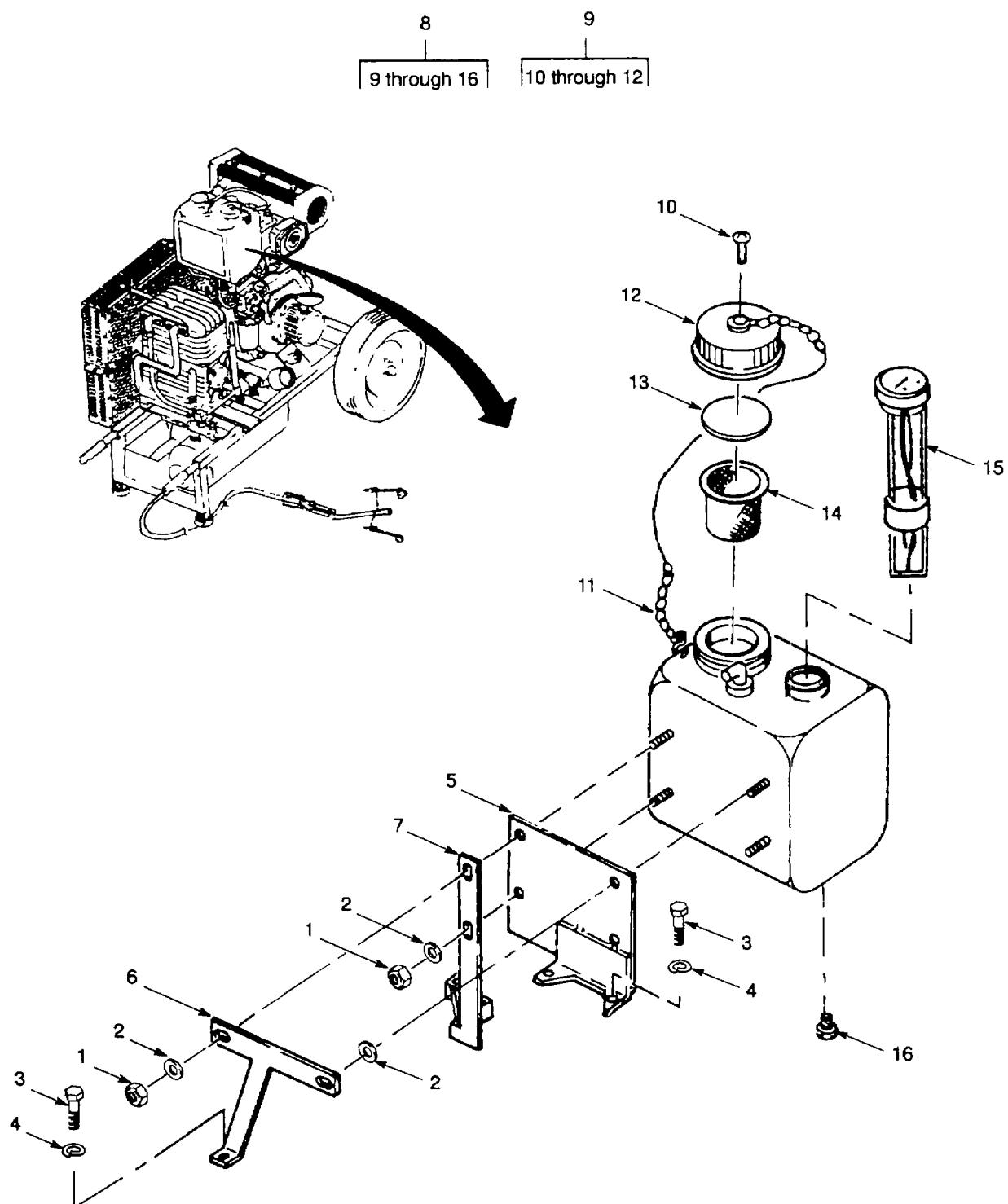


Figure 5. Fuel Tank.

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 5 FUEL TANK					
1	PAOZZ	96906	MS51922-17	NUT,SELF-LOCKING,HE 3/8-16	4
2	PAOZZ	96906	MS27183-56	WASHER, FLAT 3/8 IN	5
3	PAOZZ	96906	MSS51474-0925	SCREW, HEX HEAD 8MM X 100 LONG	2
4	PAOZZ	96906	MS35338-140	WASHER,LOCK 5/16 IN	2
5	XDOZZ	55921	CAF2274	BRACKET, FUEL TANK	1
6	XDOZZ	55921	CAF2286	BRACKET, FUEL TANK	1
7	XDOZZ	55921	CAF2273	BRACKET, FUEL FILTR	1
8	XDOOO	86823	FT30545	FUEL TANK, 12 GAL	1
9	XDOOO	86823	A-21951-1A	CAP WITH CHAIN	1
10	XDOZZ	86823	153915	RIVET TRUSS HEAD, 3/32 DIA X 3/16 LG	1
11	XDOZZ	86823	156601	CHAIN CADMIUM PLATED, 6 IN LG.....	1
12	XDOZZ	86823	150911	FILLER CAP	1
13	PAOZZ	86823	30545-25	GASKET NEOPRENE, W/VENT HOLE, 06.... THK X 281 DIA	1
14	XDOZZ	86823	T-17-4	STRAINER ELEMENT,SE	
15	XDOZZ	86823	N40300A-8-1 2	FUEL GAUGE	1
16	PAOZZ	96906	MS20913-2	PLUG,PIPE	1

END OF FIGURE

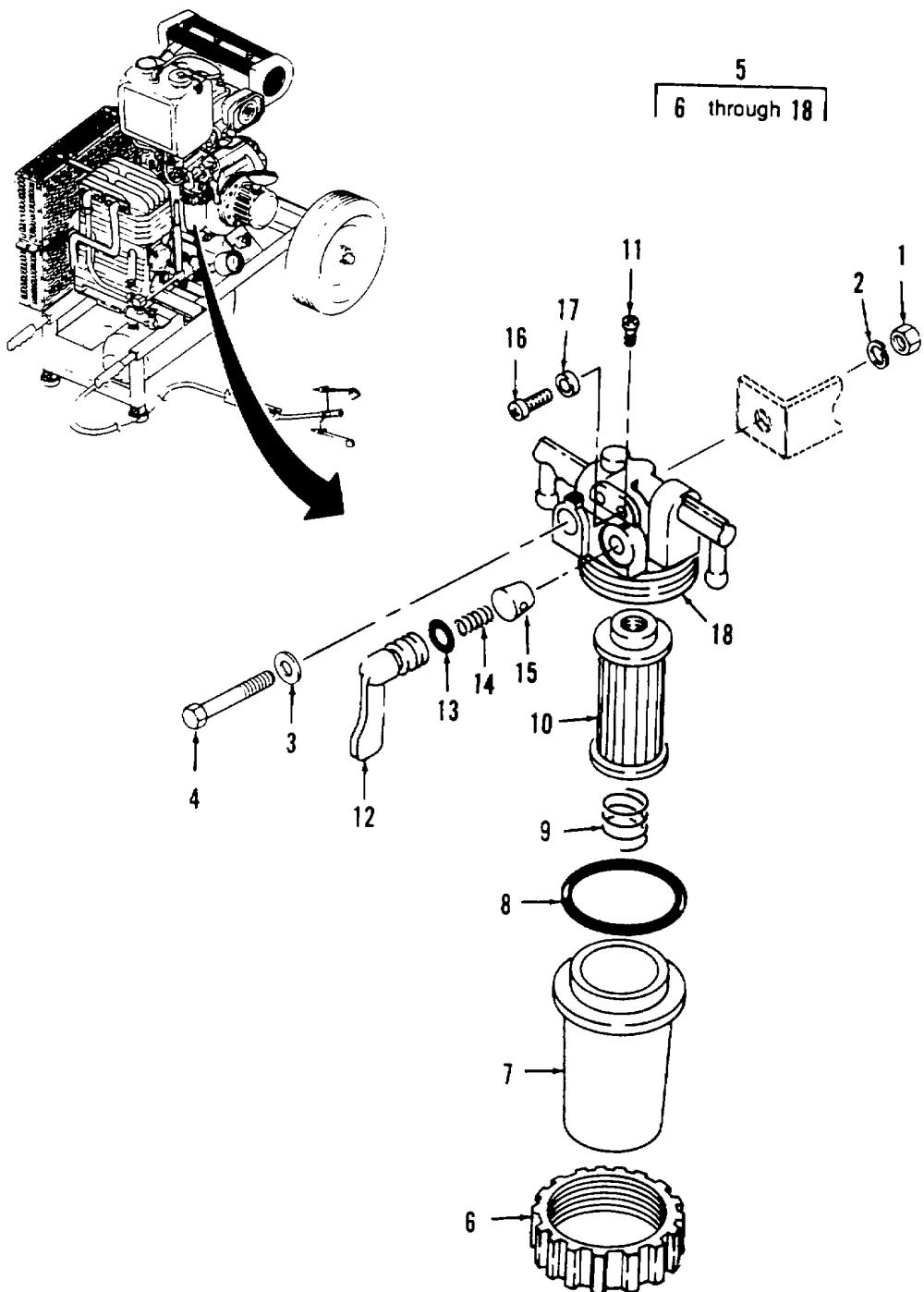


Figure 6. Fuel Filter

SECTION II		TM9-4310-394-23P		(5)	(6)
ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 6 FUEL FILTER					
1	PAOZZ	96906	MS35649-2252B	NUT, HEX 1/4-20	1
2	PAOZZ	96906	MS35338-139	WASHER,LOCK 1/4 IN	1
3	PAOZZ	96906	MS27183-9	WASHER,FLAT 1/4 IN	1
4	PAOZZ	80204	B1821BH025C250N	SCREW,CAP,HEXAGON H 1/4-20 X 2-1/2.... LONG	1
5	XDOOO	OAK42	114250-55500	FUEL FILTER	1
6	XDOZZ	OAK42	110250-55610	RING	1
7	XDOZZ	OAK42	121254-55510	BODY	1
8	PAOZZ	OAK42	102103-55520	PACKING	1
9	PAOZZ	OAK42	121250-55620	SPRING	1
10	PAOZZ	OAK42	124550-55700	ELEMENT	1
11	XDOZZ	OAK42	104200-55750	SCREW.....	1
12	XDOZZ	OAK42	104200-55341	HANDLE, FUEL COCK	1
13	PAOZZ	OAK42	24311-240100	PACKING	1
14	PAOZZ	OAK42	104200-55330	SPRING, VALVE	1
15	PAOZZ	OAK42	104200-55321	VALVE, TAPER	1
16	XDOZZ	OAK42	101720-55750	PLUG, AIR VENT	2
17	PAOZZ	OAK42	23418-060000	GASKET	2
18	XDOZZ	OAK42	171056-55730	BODY	1

END OF FIGURE

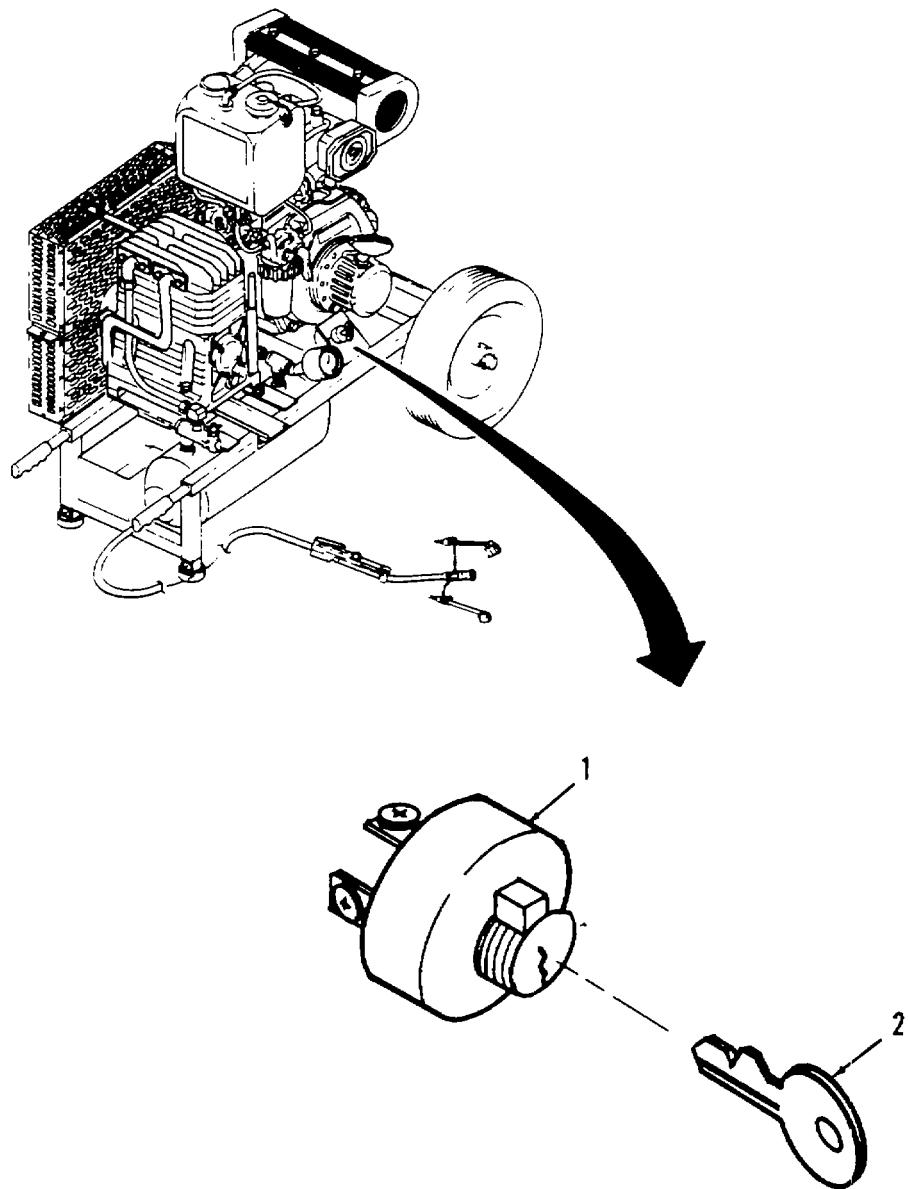


Figure 7. Key Switch

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5)	(6)
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 7 KEY SWITCH					
1	XDOZZ	OAK42	121400-91251	KEY SWITCH STARTER	1
2	XDOZZ	OAK42	933110-00301	KEY.....	1

END OF FIGURE

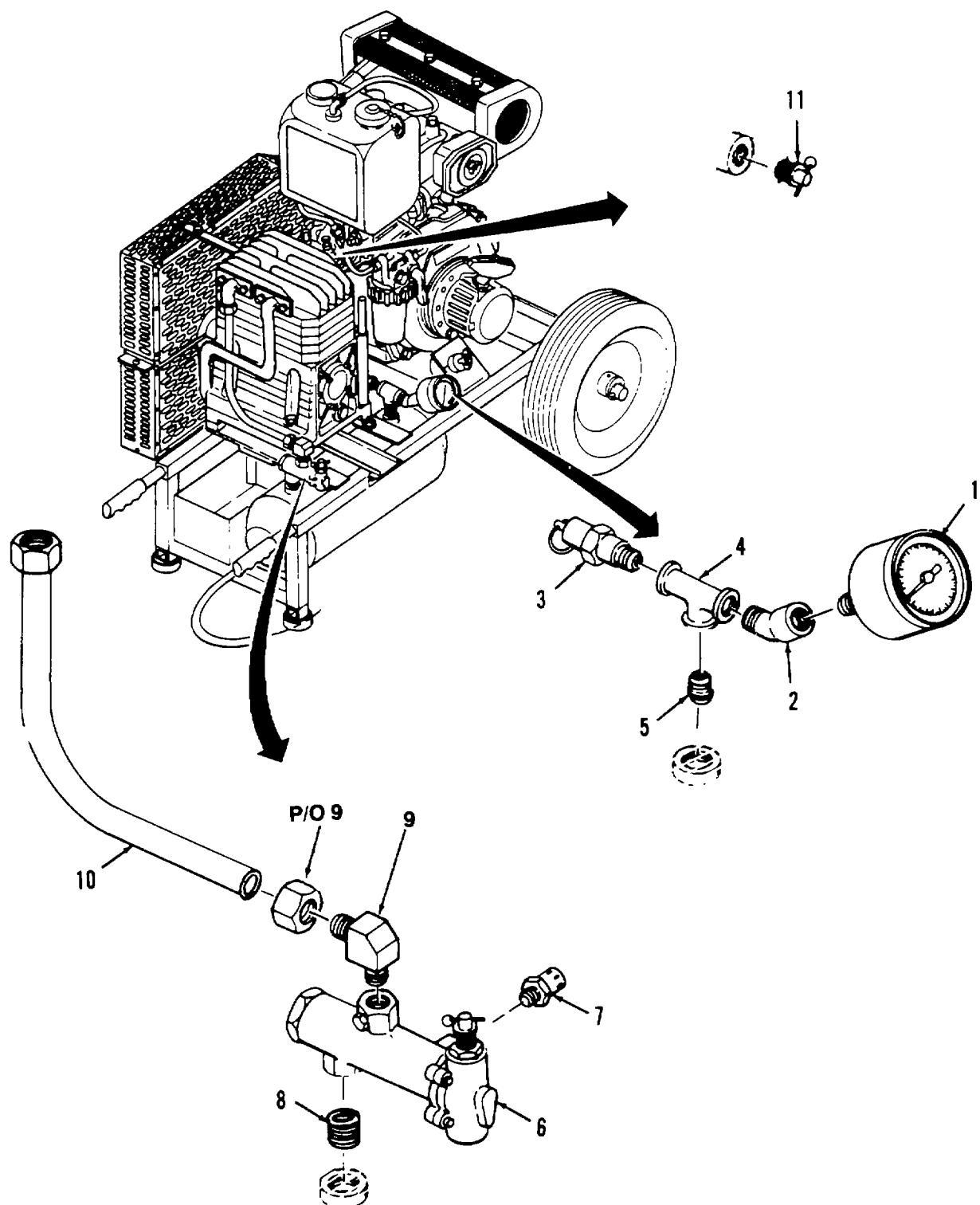


Figure 8. Air Gauge, Relief Valve, Unloader Valve, Unloader Valve Muffler, Safety Valve, and Discharge Tube

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 8 AIR GAUGE, RELIEF VALVE, UNLOADER VALVE, UNLOADER VALVE MUFFLER, SAFETY VALVE, AND DISCHARGE FUEL					
1	PAOZZ	55921	VA323	AIR GAUGE 2 IN. DIA, 1/4 M1PT	1
2	PAOZZ	96906	MS39231-2	ELBOW,PIPE 1/4 IN. X 45 DEG., GAI.....	1
3	PAOZZ	58818	ST25-210	RELIEF VALVE 1/4 MPT	1
4	XDOZZ	79470	C3709X4	TEE,PIPE 1/4 IN.....	1
5	PAOZZ	96906	MS51953-25	NIPPLE,PIPE 1/4 IN. CLOSE.....	1
6	PBOZZ	58818	LGM-20F	UNLOADER VALVE	1
7	PBOZZ	58818	M20053-1	MUFFLER	1
8	PAOZZ	96906	MS51953-78	NIPPLE,PIPE 1/2 IN., CLOSE	1
9	PAOZZ	96906	MS39207-6	ELBOW, COMPRESSION 1/2 MPT X 1/2	2
				OD TUBE	
10	PBOZZ	55921	OFD226	TUBE, DISCHARGE 1/2 IN. OD, COPPER	1
11	PAOZZ	58818	ST25-70	TUBE.....	
				VALVE, SAFETY 1/4 MPT, 70 PSI	1

END OF FIGURE

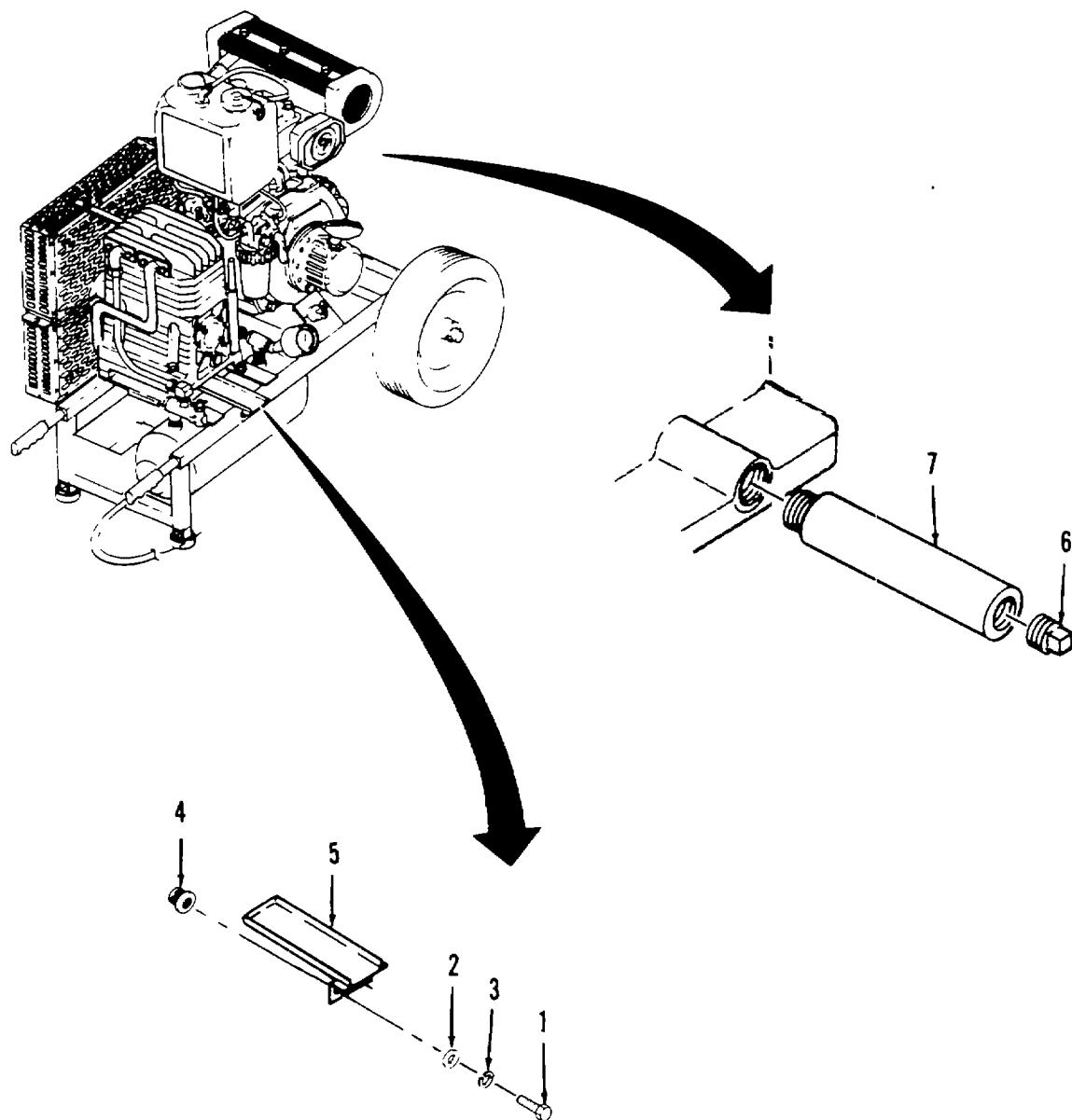


Figure 9. Compressor Oil Drain and Engine Oil Drain

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 01 COMPRESSOR ASSEMBLY					
FIG. 9 COMPRESSOR OIL DRAIN AND ENGINE OIL DRAIN					
1	PAOZZ	96906	MS90725-1	SCREW,CAP,HEXAGON H	2
2	PAOZZ	96906	MS27183-9	WASHER,FLAT	2
3	PAOZZ	96906	MS35338-139	WASHER,LOCK	2
4	PAOZZ	19738	9654-08	NUTINSERT	2
5	XDOZZ	55921	CAF2284	TROUGH, OIL COMPRESSOR	1
6	PAOZZ	96906	MS20913-2	PLUG,PIPE SQUARE HEAD, 1/4 IN	1
7	XDOZZ	55921	CAF2285	DRAIN ADAPTER ENGINE OIL	1

END OF FIGURE

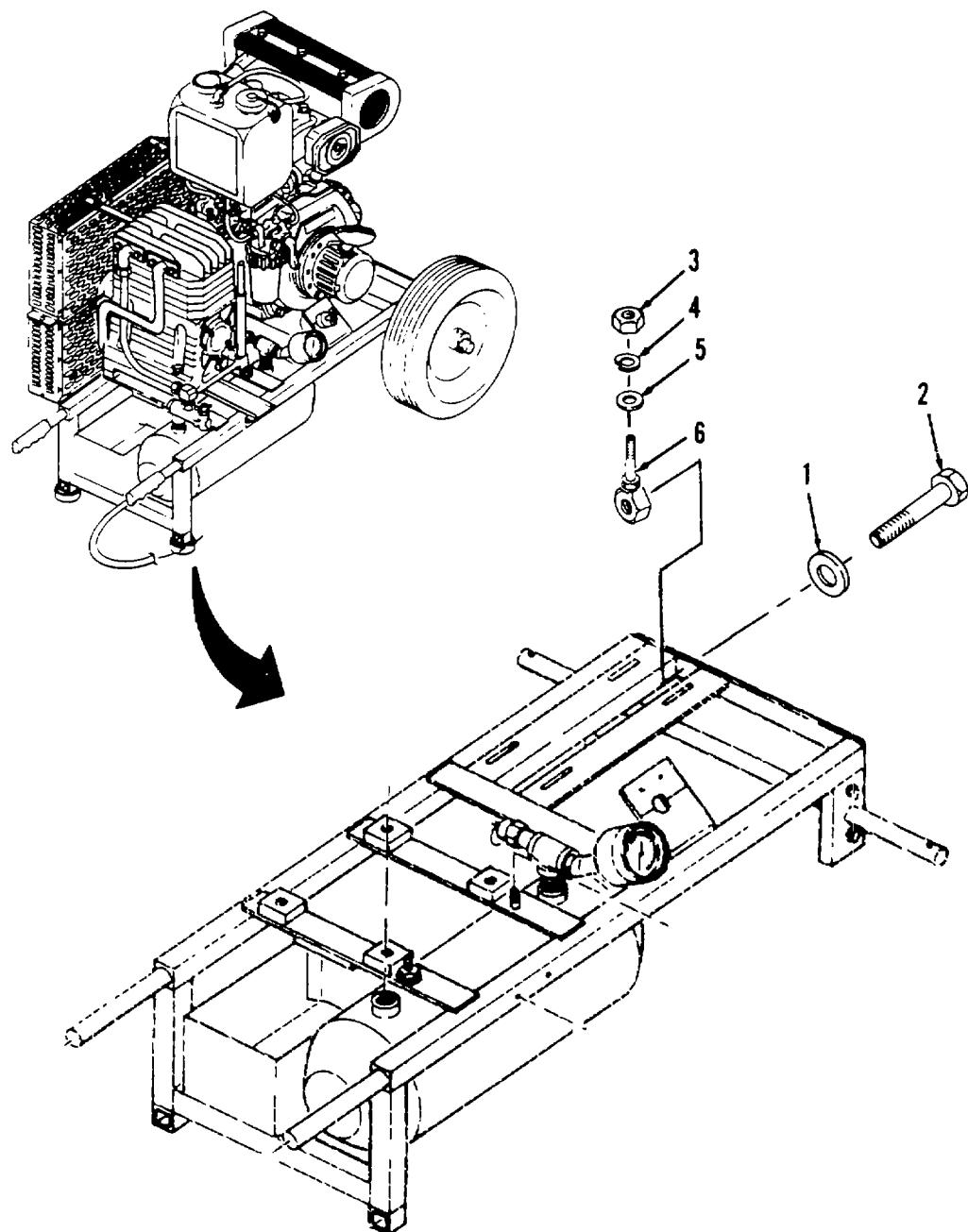


Figure 10. Take-Up Screw

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5)	(6)
					DESCRIPTION AND USABLE ON CODES(UOC) QTY
					GROUP 01 COMPRESSOR ASSEMBLY
					FIG. 10 TAKE-UP SCREW
1	PAOZZ	96906	MS27183-17	WASHER,FLAT 1/2 IN	1
2	PAOZZ	80204	B1821BH050C400N	SCREW,CAP,HEXAGON H 1/2-13 X 400..... IN LONG	1
3	PAOZZ	96906	MS35649-2312	NUT,PLAIN,HEXAGON	1
4	PAOZZ	96906	MS35338-140	WASHER,LOCK	1
5	PAOZZ	96906	MS27183-11	WASHER,FLAT	1
6	PAOZZ	55921	OFB306	BOLT, ENGINE	1

END OF FIGURE

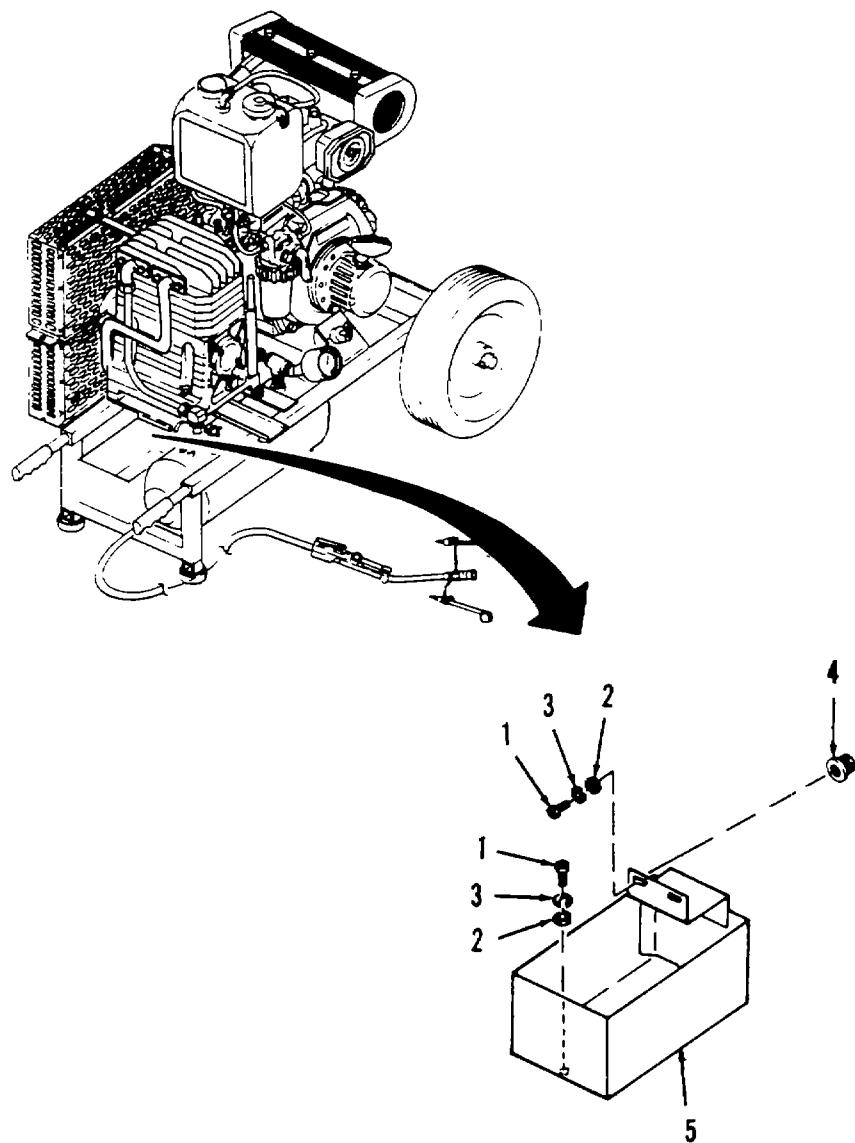


Figure 11. Tool Box

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
1 PAOZZ	96906	MS90725-3		SCREW, CAP, HEXAGON H	
2 PAOZZ	96906	MS27183-9		WASHER, FLAT	
3 PAOZZ	96906	MS35338-139		WASHER, LOCK	
4 PAOZZ	19738	9654-08		NUTSERT	
5 XDOZZ	55921	CAF2291		TOOL BOX	

GROUP 01 COMPRESSOR ASSEMBLY

FIG. 11 TOOL BOX

END OF FIGURE

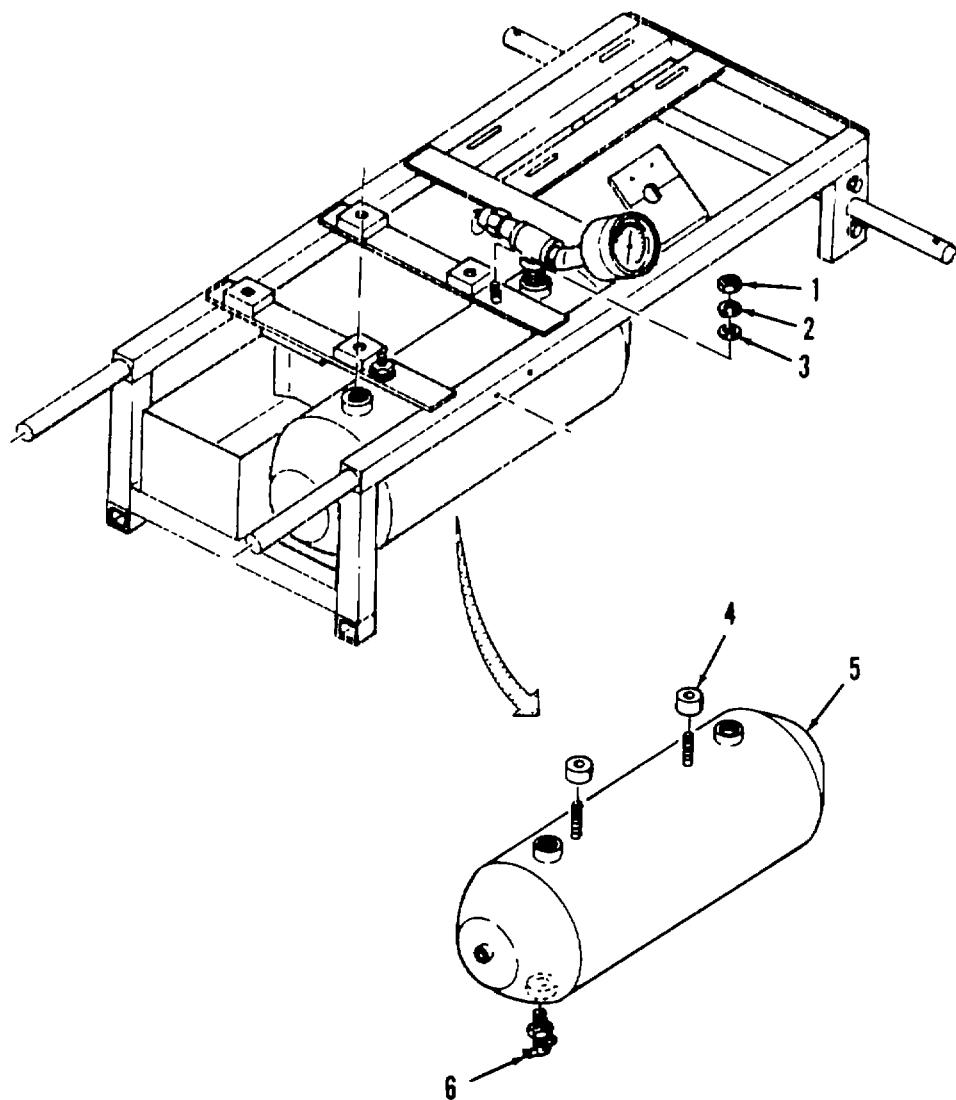


Figure 12. Vibration Mounts , Air Receiver, and Drain Cock

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	
				GROUP 01	COMPRESSOR ASSEMBLY
				FIG. 12	VIBRATION MOUNTS, AIR RECEIVER, AND DRAIN COCK
1 PAOZZ	96906	MS35649-2252B	NUT, HEX	2	
2 PAOZZ	96906	MS35338-139	WASHER, LOCK	2	
3 PAOZZ	96906	MS27183-9	WASHER, FLAT	2	
4 PAOZZ	39428	9540K28	RUBBER BUMPER	2	
5 PBOZZ	55921	OFD225	RECEIVER, AIR 2 GALLON	1	
6 PAOZZ	96906	MS35782-2	COCK, DRAIN 1/4 MPT	1	

END OF FIGURE

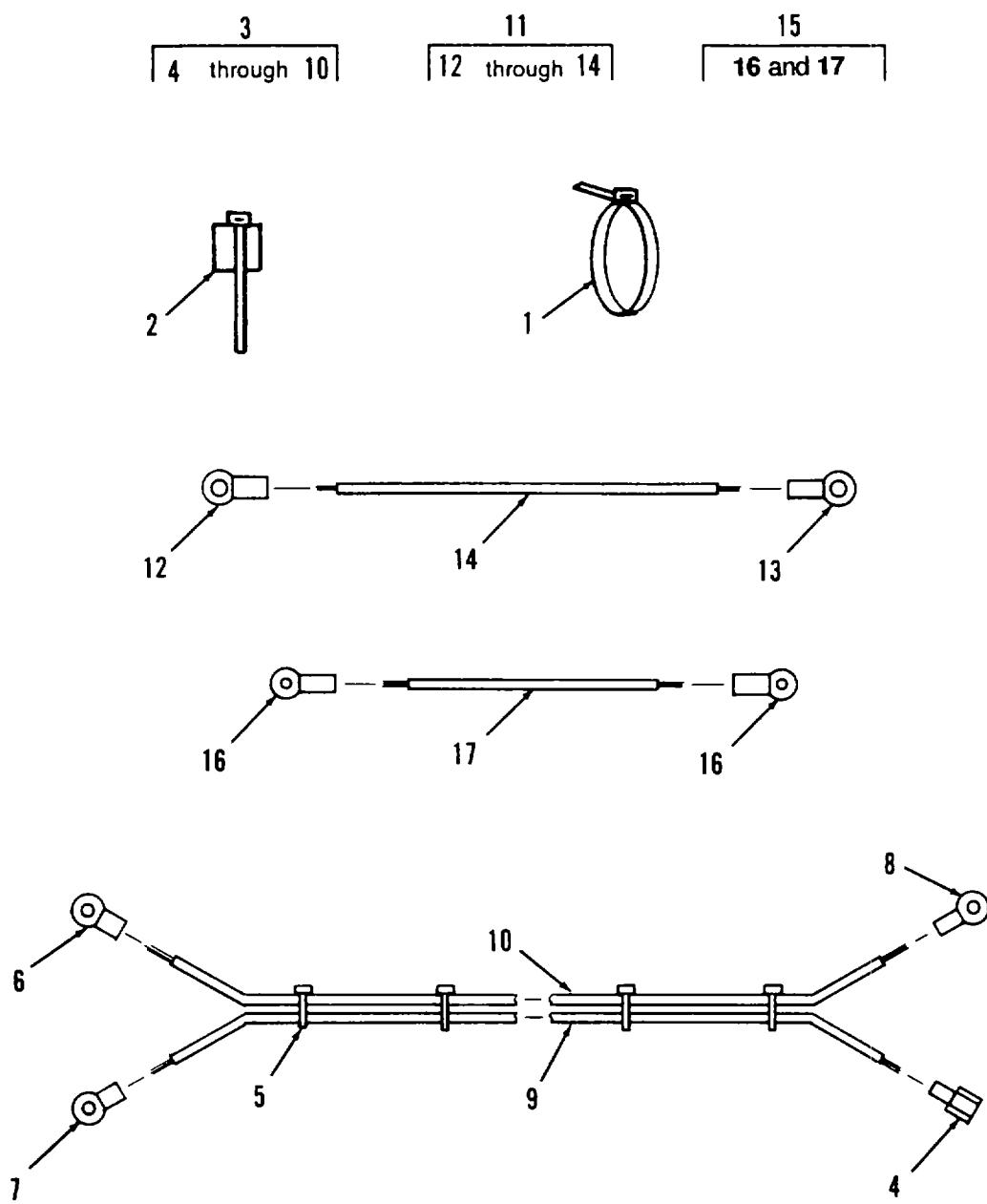


Figure 13. Wire Assemblies

SECTION II		TM9-4310-394-23P		(5)	(6)
ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP 01 COMPRESSOR ASSEMBLY	
				FIG. 13 WIRE ASSEMBLIES	
1	PAOZZ	96906	M3367-5-9	CABLE TIE SELF-LOCKING, 5-1/2 IN. LONG	9
2	PAOZZ	39428	3254T3	CLAMP	3
3	AOOZZ	55921	VE1311	WIRE ASSEMBLY KEY SWITCH TO STARTER MOTOR	1
4	XDOZZ	55921	24685	DISCONNECT, FEMALE FOR #14 GA. WIRE, TAB SIZE, .250 X .032	1
5	PAOZZ	96906	M3367-5-9	CABLE TIE	12
6	PAOZZ	96906	MS25036-112	TERMINAL, LUG FOR #10-12 GA WIRE	1
7	PAOZZ	96906	MS25036-108	#10 STUD..... TERMINAL, LUG FOR t14-16 GA WIRE, #10 STUD.....	1
8	PAOZZ	96906	MS25036-114	TERMINAL, LUG FOR *10-12 GA WIRE, 3/8 STUD.....	1
9	MOOZZ	55921	VE1043	WIRE, 114 GA., MAKE FROM WIRE, P/ N M5086/1-14-9, 36.25 IN. LG	1
10	MOOZZ	55921	VE1045	WIRE, #10 GA., MAKE FROM P/N M5086/1-10-9, 38.00 IN. LG	1
11	AOOZZ	55921	VE1312	WIRE ASSEMBLY KEY SWITCH TO AIR INLET HEATER.....	1
12	PAOZZ	96906	MS25036-112	TERMINAL, LUG FOR t10-12 GA. WIRE, #10 STUD.....	1
13	PAOZZ	96906	MS25036-157	TERMINAL, LUG FOR *10-12 GA. WIRE, 1/4 STUD.....	1
14	MOOZZ	55921	VE1038	WIRE, #10, MAKE FROM P/N M5086/1- 10-9, 16.5 LG.....	1
15	AOOZZ	55921	VE1313	WIRE ASSEMBLY AIR INLET HEATER TO GROUND	1
16	PAOZZ	96906	MS25036-157	TERMINAL, LUG FOR *10-12 GA WIRE, 1/4 IN. STUD	2
17	MOOZZ	55921	VE1038	WIRE, #10 MAKE FROM P/N M5086/1- 10-9, 5.75 LG.....	1

END OF FIGURE

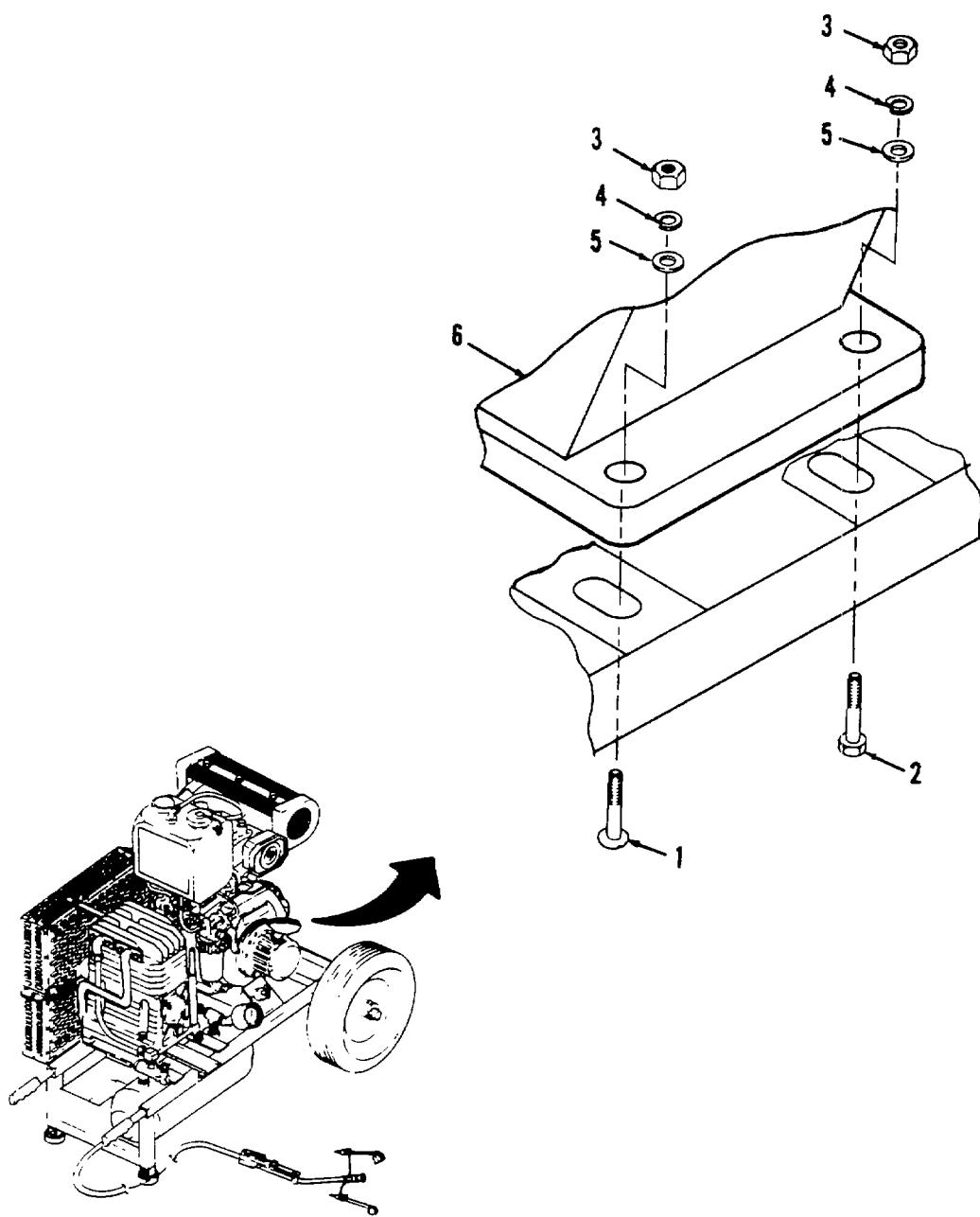


Figure 14. Diesel Engine

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC)					QTY
GROUP 02 DIESEL ENGINE					
1 PAOZZ	96906	MS35751-43	BOLT, SQUARE NECK 5/16-18 X 1.50 IN. LONG		3
2 PAOZZ	B0204	B1821BH031C150N	BOLT, MACHINE 5/16-18 X 1.50 IN. LONG		1
3 PAOZZ	96906	MS35649-2312	NUT, PLAIN, HEXAGON 5/16-18		4
4 PAOZZ	96906	MS35338-140	WASHER, LOCK		4
5 PAOZZ	96906	MS27183-11	WASHER, FLAT		4
6 PAOFF	OAK42	L40AE-DECT	ENGINE, DIESEL AIR COOLED .		1

END OF FIGURE

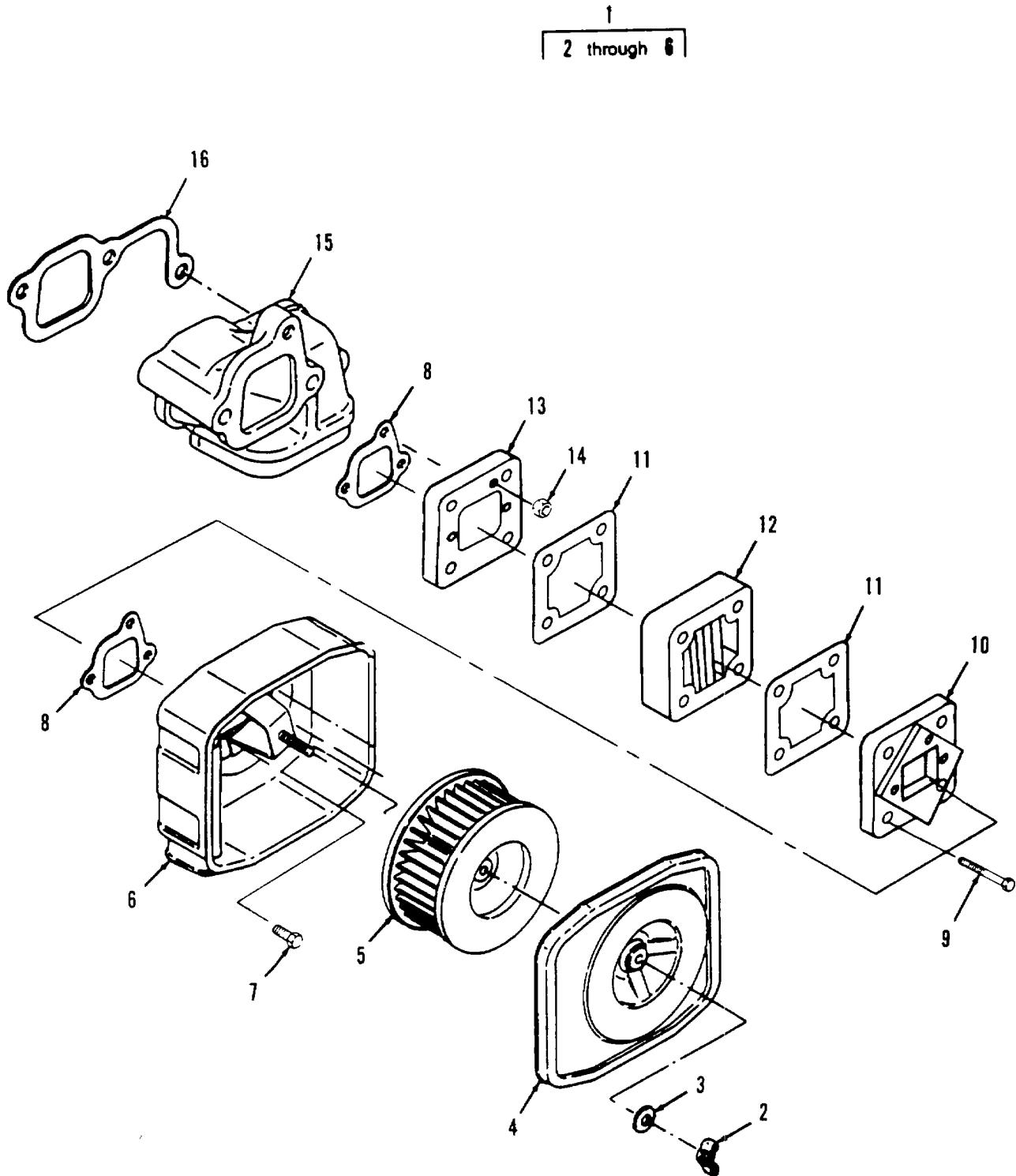


Figure 15. Air Cleaner, Filter Element, and Air Intake Pipe

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 02 DIESEL ENGINE					
FIG. 15 AIR CLEANER, FILTER ELEMENT, AND AIR INTAKE PIPE					
1 PBOOZ	OAK42 714250-12560		AIR CLEANER, INTAKE	1	
2 XDOZZ	OAK42 114250-12550		NUT, PLAIN, HEXAGON	1	
3 PAOZZ	OAK42 114250-12560		WASHER, SEAL	1	
4 XDOZZ	OAK42 114250-12520		COVER, ACCESS	1	
5 PAOZZ	OAK42 114250-12580		FILTER ELEMENT, INTA	1	
6 XDOZZ	OAK42 114250-12530		CASE, AIR CLEANER IN	1	
7 XDOZZ	OAK42 26106-060122		BOLT M 6X 12 PLATED	3	
8 XDOZZ	OAK42 114250-12210		PACKING, PREFORMED	2	
9 XDOZZ	OAK42 26106-08352		BOLT M8 X 25	4	
10 XDOZZ	OAK42 183375-77570		SPACER, AIR INLET	1	
11 XDOZZ	OAK42 129100-77510		GASKET	2	
12 XDOZZ	OAK42 129100-77500		HEATER, AIR INLET	1	
13 XDOZZ	OAK42 183375-77560		SPACER	1	
14 XDOZZ	OAK42 26366-060002		NUT, PLAIN, HEXAGON	3	
15 XDOZZ	OAK42 114250-12010		PIPE, AIR INTAKE	1	
16 XDOZZ	OAK42 114250-12200		GASKET	1	

END OF FIGURE

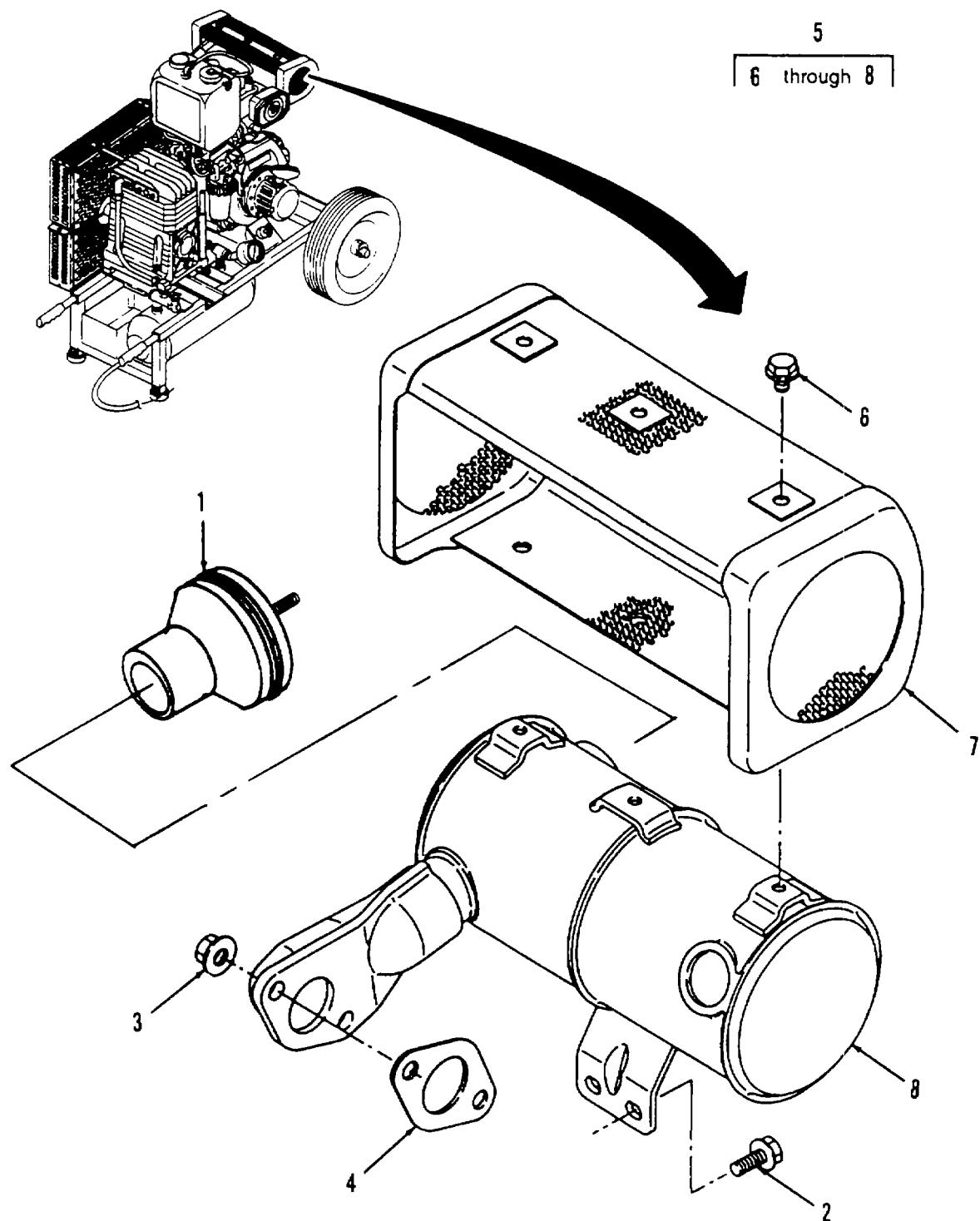


Figure 16. Muffler

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC)					QTY
GROUP 02 DIESEL ENGINE					
FIG. 16 MUFFLER					
1 XDOZZ	OAK42 183250-13300		SPARK ARRESFER		1
2 PAOZZ	OAK42 26106-060122		BOLT M 6X 12 PLATED		2
3 PAOZZ	OAK42 26366-080002		NUT, PLAIN, HEXAGON		2
4 XDOZZ	OAK42 114250-13200		GASKET.....		1
5 XDOZZ	OAK42 114250-13521		MUFFLER, W/COVER		1
6 PAOZZ	OAK42 26106-060082		BOLT M 6X 8 PLATED		6
7 XDOZZ	OAK42 114250-13701		COVER, MUFFLER		1
8 XAOZZ	OAK42 114268-13510		MUFFLER		1

END OF FIGURE

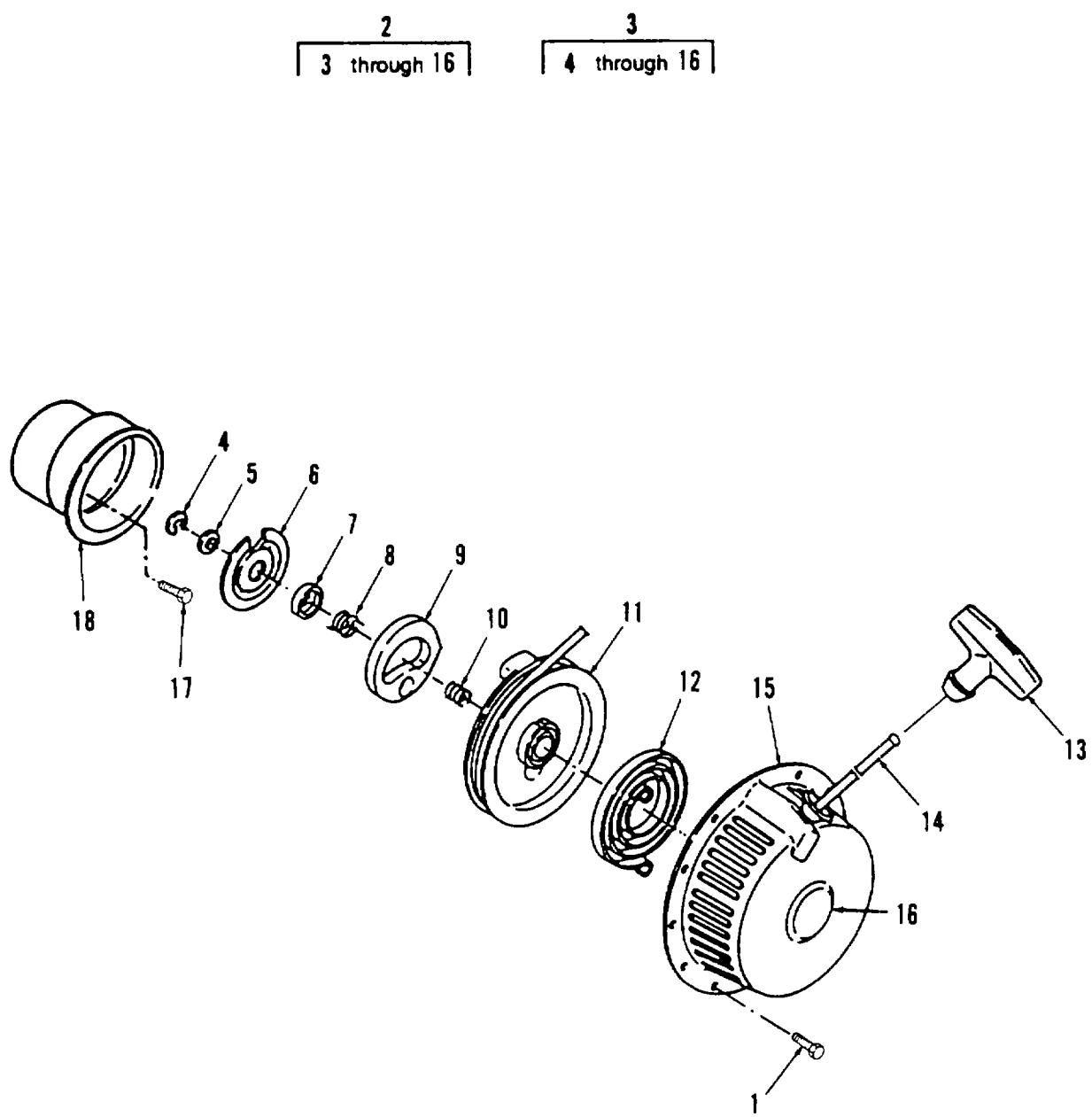


Figure 17. Recoil Starter

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 02 DIESEL ENGINE					
FIG. 17 RECOIL STARTER					
1 PAOZZ	15526	933-M6X8	SCREW, CAP, HEXAGON H	4	
2 PBOOO	OAK42	714260-76810	RECOIL STARTER AY	1	
3 XAOZZ	OAK42	714260-76821	RECOIL STARTER AY	1	
4 XDOZZ	OAK42	160260-76600	CLIP, RETAINING	1	
5 XDOZZ	OAK42	160260-76550	WASHER, FLAT	1	
6 XDOZZ	OAK42	160260-76590	PLATE, FRICTION	1	
7 XDOZZ	OAK42	160260-76580	COVER, SPRING	1	
8 XDOZZ	OAK42	160290-76570	SPRING, HELICAL, COMP	1	
9 XDOZZ	OAK42	160260-76530	RATCHET	1	
10 XDOZZ	OAK42	160260-76560	SPRING, HELICAL, COMP	1	
11 XDOZZ	OAK42	160260-76520	REEL, RECOIL	1	
12 XDOZZ	OAK42	160260-76540	SPRING, HELICAL, TORS	1	
13 PAOZZ	OAK42	160260-76620	HANDLE, STARTING ROP	1	
14 PAOZZ	OAK42	160260-76630	STARTER ROPE, ENGINE	1	
15 XDOZZ	OAK42	714260-76831	CASE (D), W/LABEL	1	
16 XDOZZ	OAK42	114250-07350	LABEL, DIESEL	1	
17 PAOZZ	OAK42	26106-060122	BOLT M 6X 12 PLATED	3	
18 XDOZZ	OAK42	114250-76590	PULLEY, STARTER	1	

END OF FIGURE

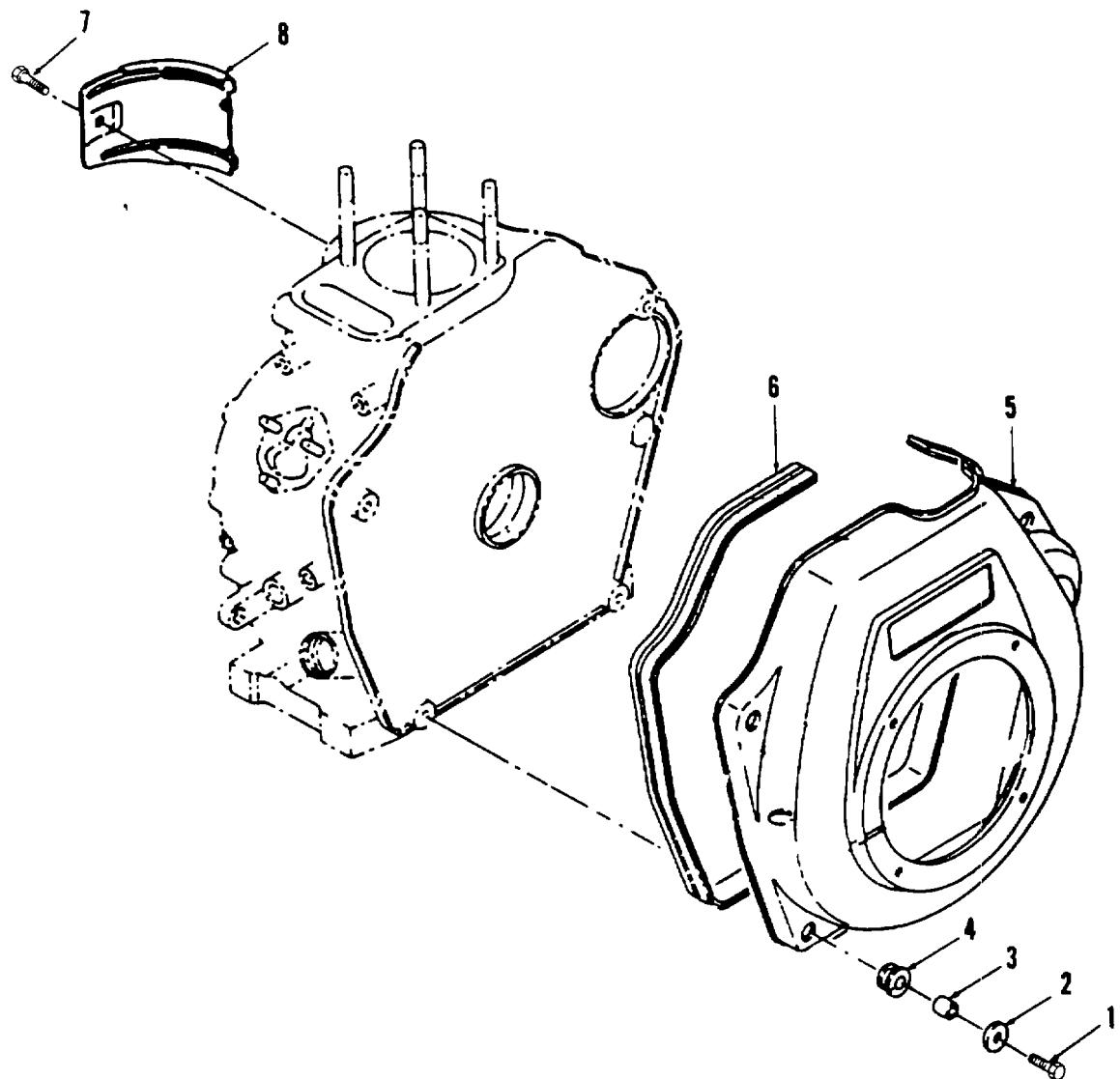


Figure 18. Flywheel Cover

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	
				QTY	
				GROUP 02 DIESEL ENGINE	
				FIG. 18 FLYWHEEL COVER	
1 PAOZZ	OAK42 26476-060252			BOLT M 6X 25 PLATED	4
2 PAOZZ	OAK42 160120-76940			WASHER, FLAT	4
3 XDOZZ	OAK42 114250-45310			COUPLING, CLAMP, GROO	4
4 XDOZZ	OAK42 114250-45300			RETAINER, ENGINE	4
5 XDOZZ	OAK42 114780-45100			COOLING FAN CASE	1
6 PAOZZ	OAK42 114250-45330			SEAL, PLAIN ENCASED	1
7 PAOZZ	OAK42 26476-060142			BOLT, MACHINE	1
8 XDOZZ	OAK42 114250-45211			COVER, ACCESS	1

END OF FIGURE

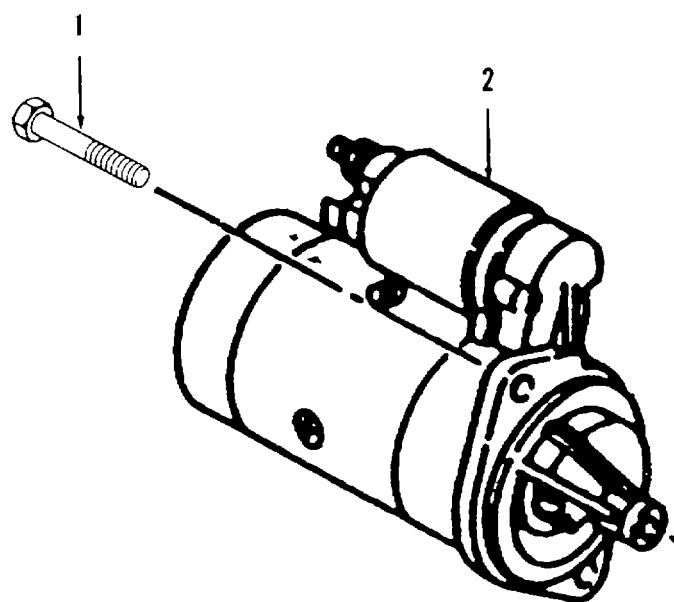


Figure 19. Starter

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP 02 DIESEL ENGINE	
				FIG. 19 STARTER	
1 PAOZZ	OAK42 26106-100302			BOLT, M10 X 30	2
2 XDOZZ	OAK42 114362-77010			STARTER	1

END OF FIGURE

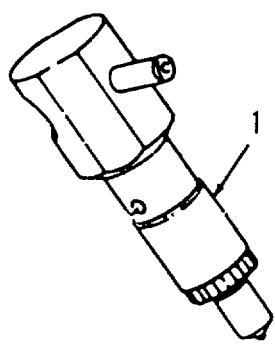


Figure 20. Fuel Injector Valve

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	
GROUP 02 DIESEL ENGINE					
FIG. 20 FUEL INJECTOR VALVE					
1 PAFZZ	OAK42 714250-53101	.PUMP, FUEL, METERNG			1

END OF FIGURE

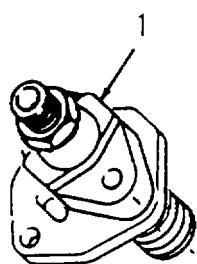


Figure 21. Fuel Injector Pump

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 02 DIESEL ENGINE					
FIG. 21 FUEL INJECTOR PUMP					
1 PAFZZ	OAK42	714250-51710		.PUMP, FUEL, METERING	1

END OF FIGURE

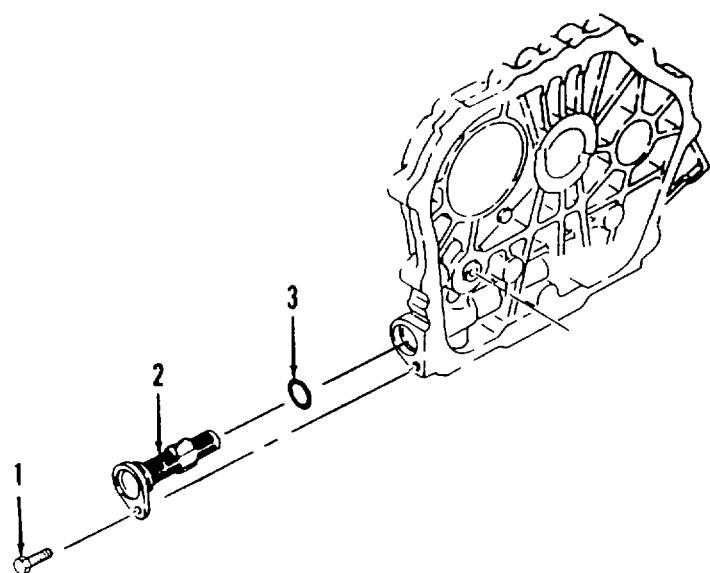


Figure 22. Lube Oil Strainer

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC)					QTY
GROUP 02 DIESEL ENGINE					
FIG. 22 LUBE OIL STRAINER					
1 PAOZZ	OAK42 26106-060162		.SCREW, CAP, HEXAGON H	1	
2 PAOZZ	OAK42 114250-35070		.STRAINER, LUB, OIL	1	
3 PAOZZ	OAK42 24341-000224		.PACKING, PREFORMED	1	

END OF FIGURE

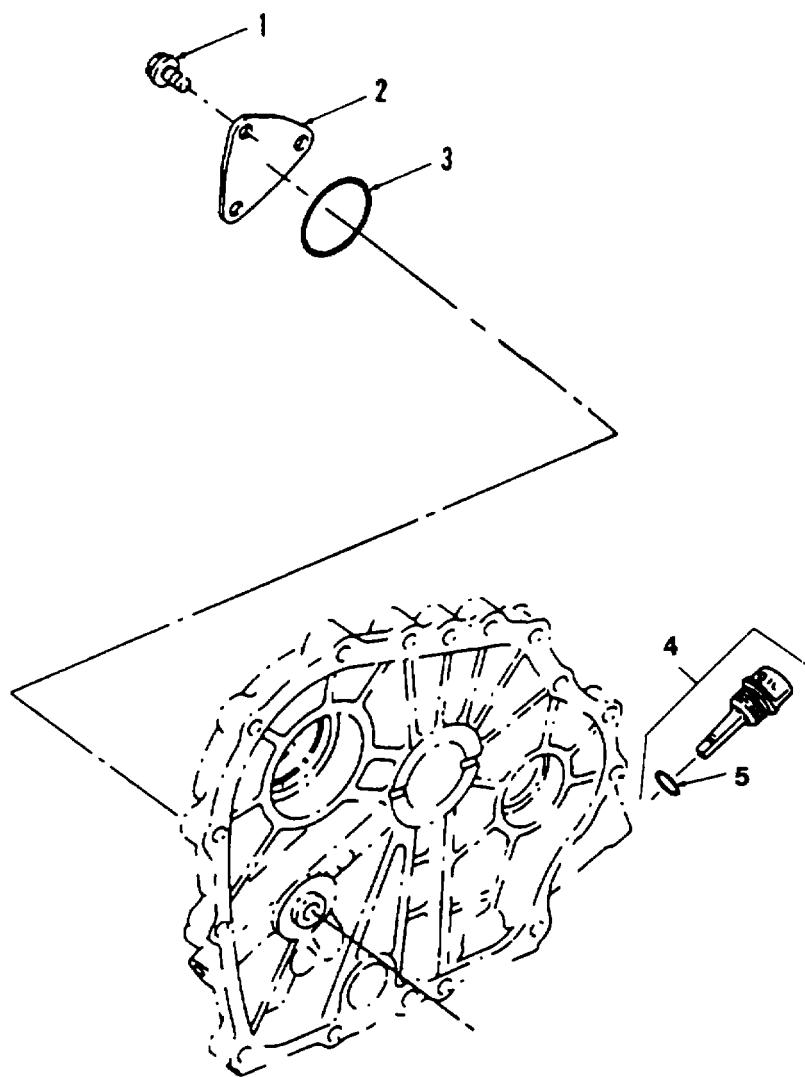


Figure 23. Lube Oil Pump

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	
				QTY	
1 PAFZZ	OAK42 26476-060142		GROUP 02	DIESEL ENGINE	
2 PBFZZ	OAK42 114250-32070		FIG. 23	LUBE OIL PUMP	
3 PAFZZ	OAK42 103338-32570			.BOLT, MACHINE	3
4 PAOZZ	OAK42 160710-01760			.COVER, LUB OIL PUMP	1
5 PAOZZ	OAK42 24311-000180			.PACKING, PREFORMED	1
				.CAP, OIL W/GAUGE	2
				..PACKING, PREFORMED	2

END OF FIGURE

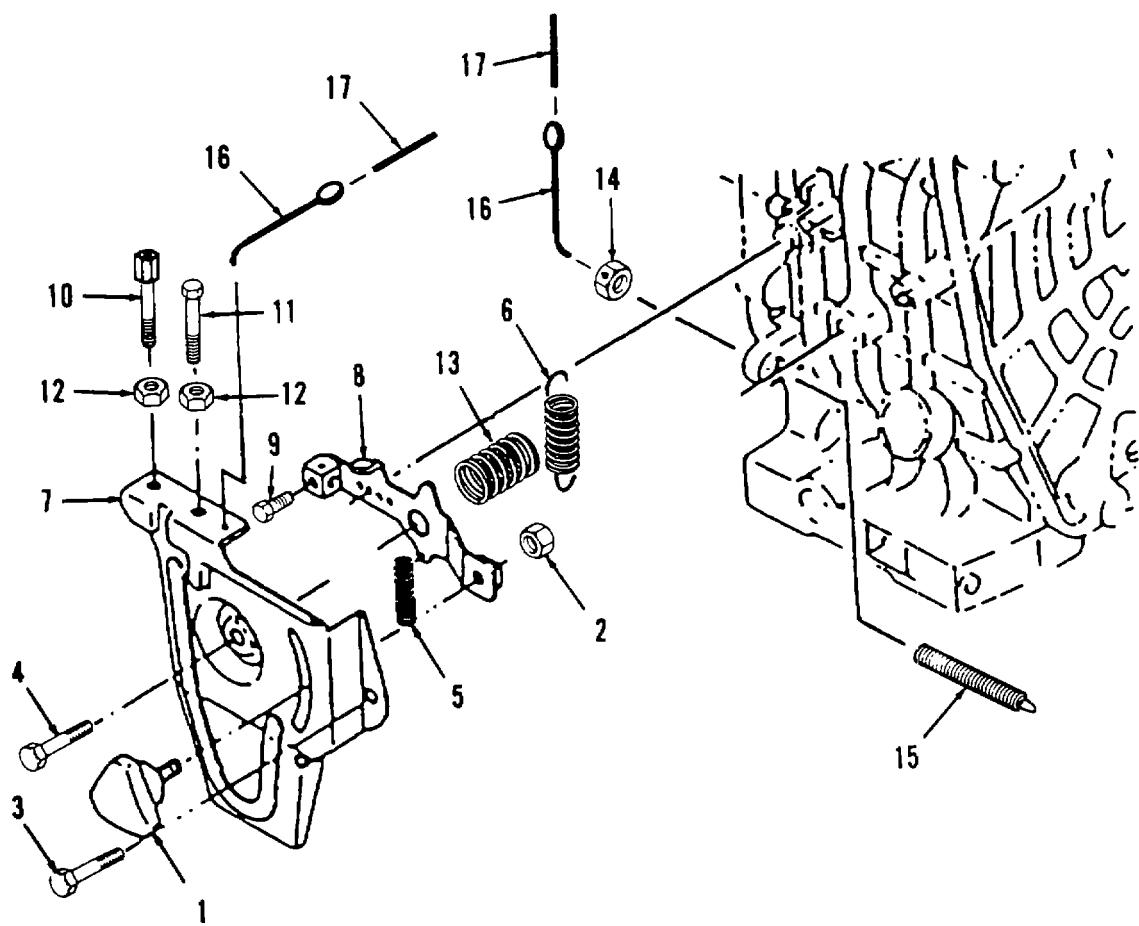


Figure 24. Regulator Bracket

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC)				QTY	
GROUP 02 DIESEL ENGINE					
FIG. 24 REGULATOR BRACKET					
1 PAOZZ	OAK42 160725-78350		.HANDLE, MANUAL CONTR	1	
2 PAOZZ	OAK42 26346-060002		U-NUT M 6 PLATED.....	1	
3 PAOZZ	OAK42 26476-060142		.BOLT, MACHINE	1	
4 PAOZZ	OAK42 26106-060202		.BOLT, MACHINE	1	
5 PAOZZ	OAK42 114250-66200		SPRING, RETURN	1	
6 PAOZZ	OAK42 114770-66010		.SPRING, REGULATOR	1	
7 XDOZZ	OAK42 714268-66500		BRACKET AY, REGULAT	1	
8 XDOZZ	OAK42 114250-66050		HANDLE, REGULATOR	1	
9 PAOZZ	OAK42 26116-040088		.BOLT, MACHINE	1	
10 PAOZZ	OAK42 102100-67080		BOLT, ADJUSTING	1	
11 PAOZZ	OAK42 114250-66440		.ROIT, MACHINE	1	
12 PAOZZ	OAK42 26756-060002		.NUT, PLAIN, HEXAGON	2	
13 PAOZZ	OAK42 114252-66252		.SPRING, HELICAL, COMP	1	
14 PAOZZ	OAK42 26696-100002		.NUT, PLAIN, HEXAGON	1	
15 PAOZZ	OAK42 114250--66550		TORQUE SPRING AY	1	
16 PAOZZ	OAK42 135210-61090		LEAD	2	
17 PAOZZ	OAK42 22451-060000		.WIRE 0.6	2	

END OF FIGURE

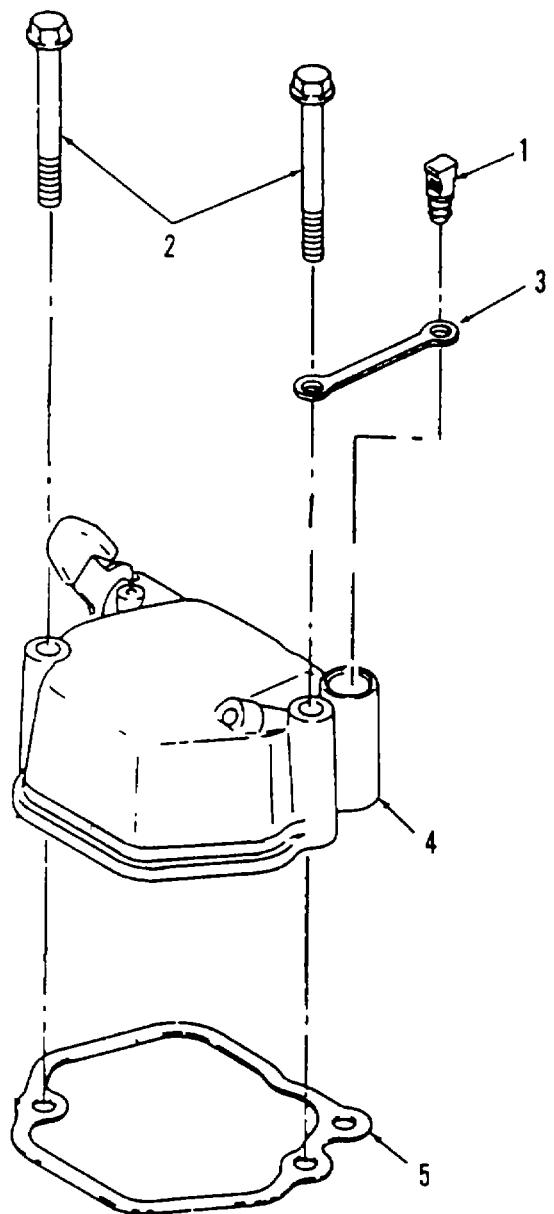


Figure 25. Cylinder Head Cover

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	
				GROUP 02	DIESEL ENGINE
				FIG. 25	CYLINDER HEAD COVER
1	PAOZZ	OAK42 114250-76600	PLUNGER	1	
2	PAFZZ	OAK42 26106-060552	.BOLT, MACHINE	2	
3	PAOZZ	OAK42 114250-76610	.HOLDER, PLUNGER	1	
4	XDFZZ	OAK42 114250-11951	.BONNET ASSY, HEAD	1	
5	PAFZZ	OAK42 114250-1131U0	.GASKET	1	

END OF FIGURE

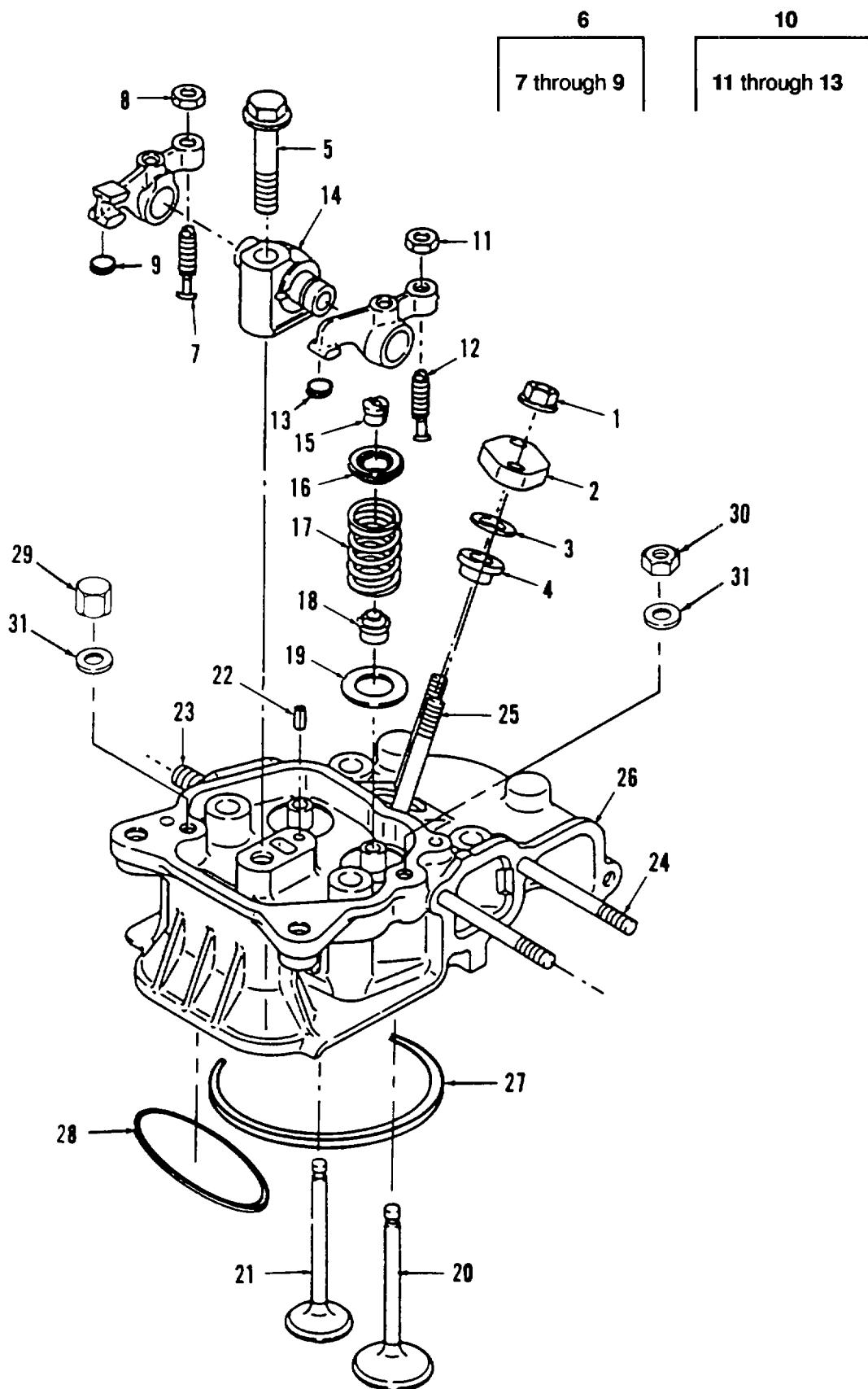


Figure 26. Cylinder Head Components

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	
GROUP 02 DIESEL ENGINE					
FIG. 26 CYLINDER HEAD COMPONENTS					
1 PAFZZ	OAK42 26366-060002		.NUT, PLAIN, HEXAGON	2	
2 PAFZZ	OAK42 114250-11900		.RETAINER, DIESEL ENG	1	
3 PAFZZ	OAK42 114350-11470		.SPACER, SLEEVE	1	
4 PAFZZ	OAK42 114250-11460		GASKET	1	
5 PAFZZ	OAK42 26106-080452		.BOLT, MACHINE	1	
6 XDFFF	OAK42 714270-11660		ARM ASSY, EXHAUST	1	
7 XDFZZ	OAK42 114250-11240		..SCREW, VALVE	1	
8 XDFZZ	OAK42 26756-060002		..NUT, PLAIN, HEXAGON	1	
9 XDFZZ	OAK42 119260-11370		..CAP, VALVE	1	
10 XDFFF	OAK42 114250-11651		ARM ASSY, INTAKE	1	
11 XDFZZ	OAK42 26756-060002		..NUT, PLAIN, HEXAGON	1	
12 XDFZZ	OAK42 114250-11240		..SCREW, VALVE	1	
13 XDFZZ	OAK42 119260-11370		..CAP, VALVE	1	
14 XDFZZ	OAK42 114250-11290		.SUPPORT, ROCKER ARM	1	
15 PBFZZ	OAK42 714250-11570		.LOCK, VALVE SPRING R	2	
16 PBFZZ	OAK42 114250-11180		.SEAT, HELICAL COMPRE	2	
17 PBFZZ	OAK42 114250-11120		SPRING, VALVE	2	
18 PBFZZ	OAK42 114250-11340		.PACKING, PREFORMED	2	
19 PBFZZ	OAK42 114250-11600		.WASHER, FLAT	2	
20 PBFZZ	OAK42 114250-11101		.VALVE, POPPET, ENGINE	1	
21 PBFZZ	OAK42 114250-11113		VALVE, EXHAUST	1	
22 XDFZZ	OAK42 22351-040008		.PIN, SPRING	1	
23 XDFZZ	OAK42 26216-080182		.STUD, PLAIN	2	
24 XDFZZ	OAK42 26226-060552		.STUD, PLAIN	2	
25 XDFZZ	OAK42 26226-060502		.STUD, PLAIN	2	
26 XDFZZ	OAK42 114250-11020		HEAD ASSY, CYLINDER	1	
27 PBFZZ	OAK42 114250-01340		GASKET	1	
28 PBFZZ	OAK42 114250-01380		.PACKING, PREFORMED	1	
29 PBFZZ	OAK42 114250-01220		.NUT, PLAIN, HEXAGON	2	
30 PBFZZ	OAK42 114250-01250		.NUT, PLAIN, HEXAGON	2	
31 PBFZZ	OAK42 124950-01250		.WASHER, FLAT	4	

END OF FIGURE

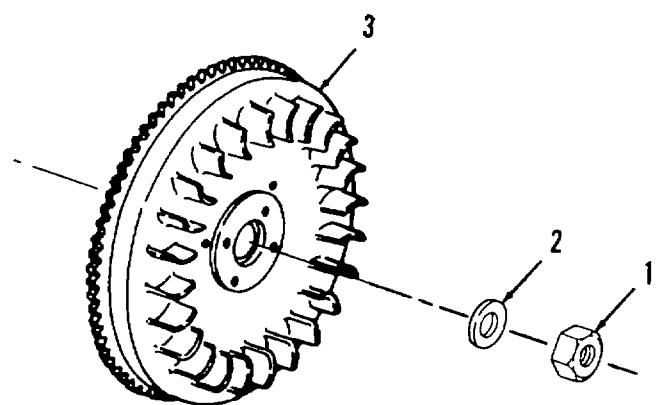


Figure 27. Flywheel

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP 02 DIESEL ENGINE	
				FIG. 27 FLYWHEEL	
1 PAFZZ	OAK42 103854-01221		.NUT M16.....		1
2 PBFZZ	OAK42 114250-21550		.WASHER, FLAT		1
3 PBFZZ	OAK42 114780-21400		.FLYWHEEL		1

END OF FIGURE

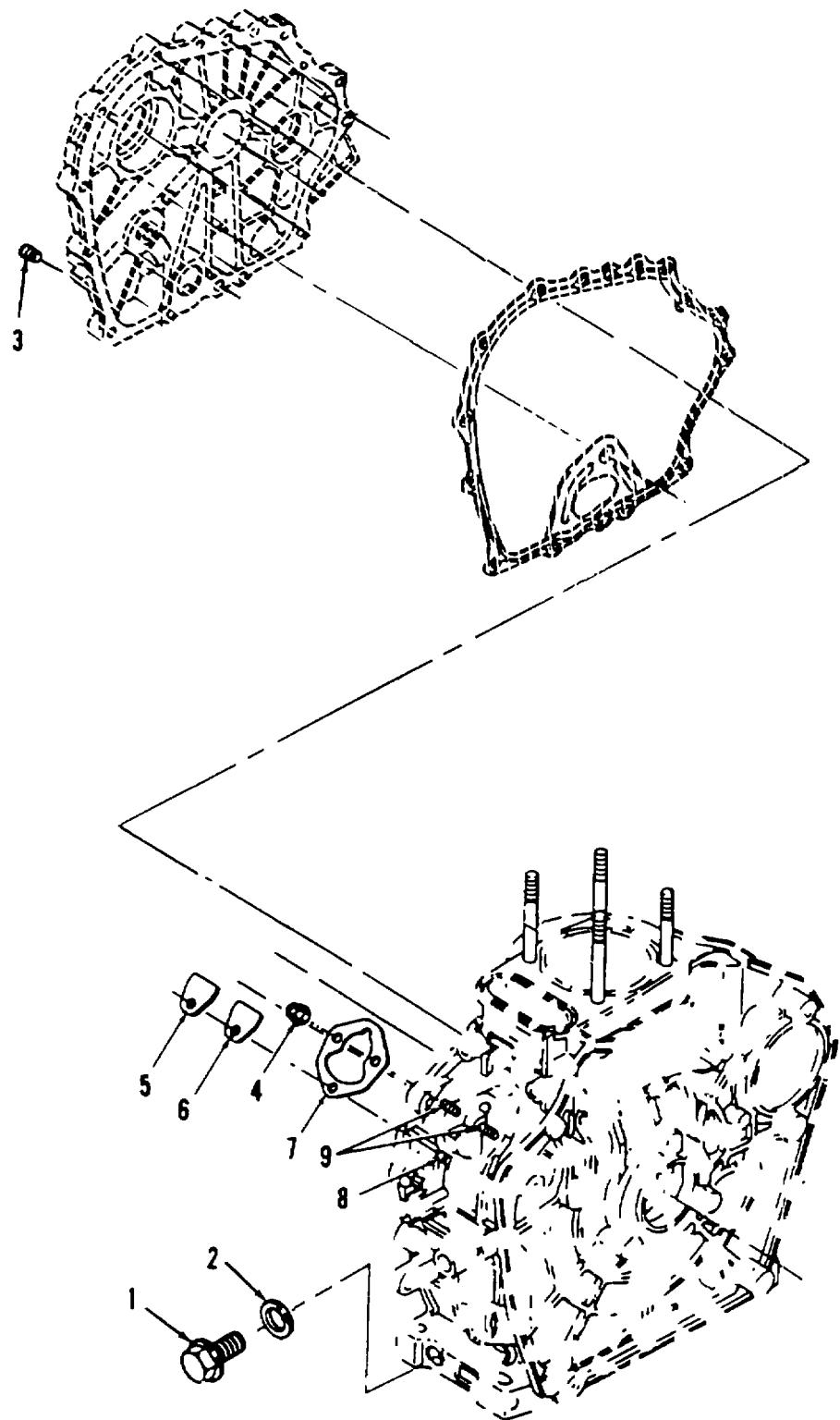


Figure 28. Crankcase Assembly

SECTION II		TM9-4310-394-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	
GROUP 02 DIESEL ENGINE					
FIG. 28 CRANKCASE ASSEMBLY					
1 XDFZZ	OAK42 105425-01690		PLUG M16	1	
2 XDFZZ	OAK42 43400-500490		GASKET.....	2	
3 XDFZZ	OAK42 23871-010000		PLUG PT1/8, SCREW	1	
4 PAFZZ	OAK42 26366-060002		.NUT, PLAIN, HEXAGON	3	
5 PAFZZ	OAK42 114250-01830		.COVER, INSPEC.WINDOW	1	
6 PBFZZ	OAK42 114250-01840		GASKET.....	1	
7 PAFZZ	OAK42 114250-01800		SHIM SET	1	
8 XDFZZ	OAK42 26226-060182		STUD M 6X 18 PLATED	1	
9 XDFZZ	OAK42 26226-060222		STUD M 6X 22 PLATED	2	

END OF FIGURE

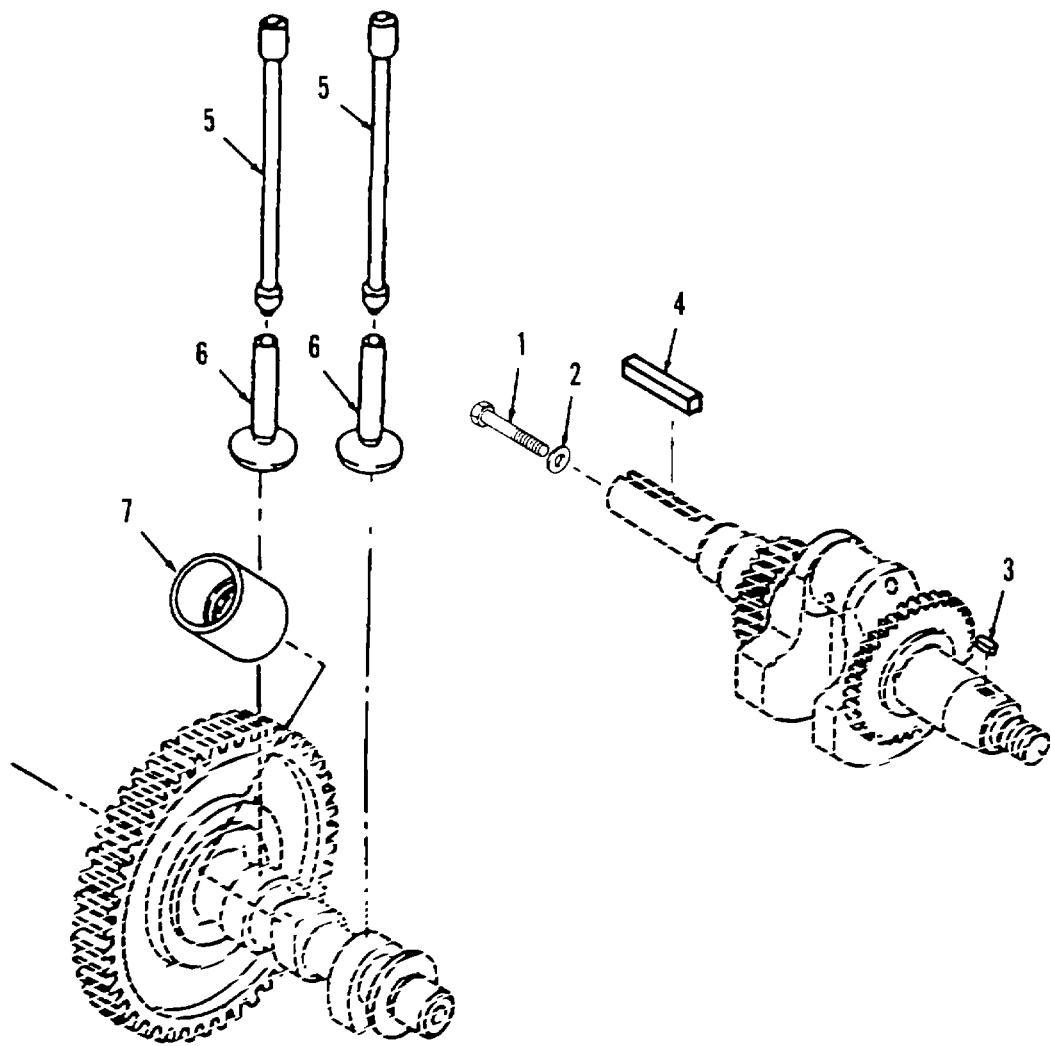


Figure 29. Balancer Shaft Assembly, Camshaft Assembly, and Crankshaft Assembly.

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP 02 DIESEL ENGINE	
				FIG. 29 BALANCER SHAFT ASSEMBLY CAMSHAFT ASSEMBLY, AND CRANKSHAFT ASSEMBLY	
1	PAFZZ	OAK42	160642-21250	BOLT 5/16-24 UNF	1
2	PAFZZ	OAK42	160310-14550	WASHER	1
3	XDFZZ	OAK42	22512-040120	KEY,MACHINE	1
4	XDFZZ	OAK42	160642-21150	KEY,MACHINE	1
5	XDFZZ	OAK42	114250-14450	PUSH ROD,ENGINE POP.....	2
6	XDFZZ	OAK42	114250-14200	TAPPET,ENGINE POPPE.....	2
7	XDFZZ	OAK42	114250-14260	TAPPET,ENGINE POPPE.....	1

END OF FIGURE

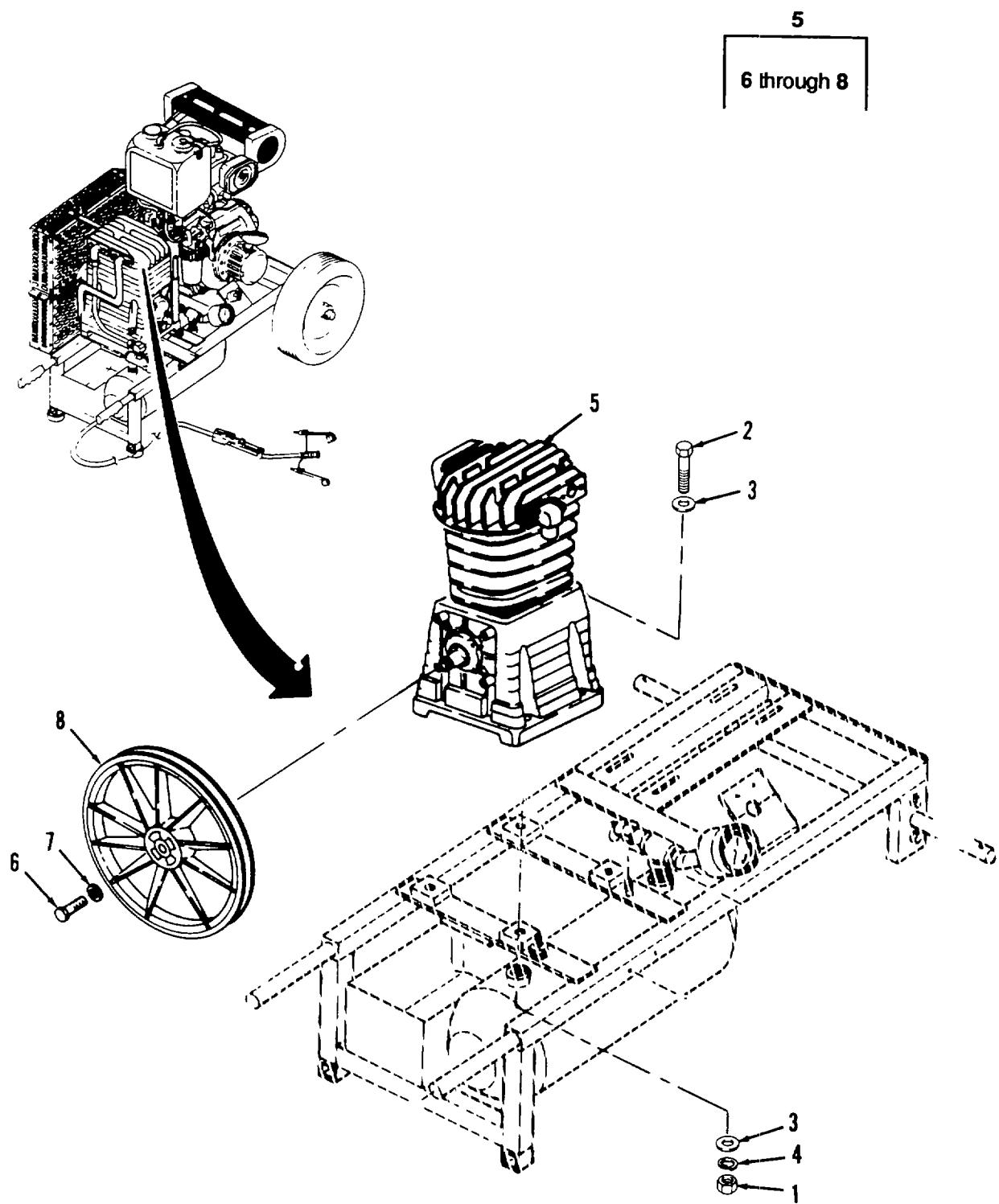


Figure 30. Compressor Flywheel

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
GROUP 03 COMPRESSOR					
FIG. 30 COMPRESSOR FLYWHEEL					
1	PAOZZ	96906	MS35649-2312	NUT,PLAIN,HEXAGON	4
2	PAOZZ	96906	MS90725-40	BOLT,MACHINE 5/16 NC X 2.00 IN LG.....	4
3	PAOZZ	96906	MS27183-11	WASHER,FLAT 5/16 IN	8
4	PAOZZ	96906	MS35338-140	WASHER,LOCK 5/16	4
5	PBOFF	55921	040-014OCT	COMPRESSOR ABAC MODEL B4900CT	1
6	PAOZZ	55921	059-0191	BOLT, FLYWHEEL.....	1
7	PAOZZ	55921	060-0079	WASHER, FLYWHEEL	1
8	XDOZZ	55921	044-0052	FLYWHEEL.....	1

END OF FIGURE

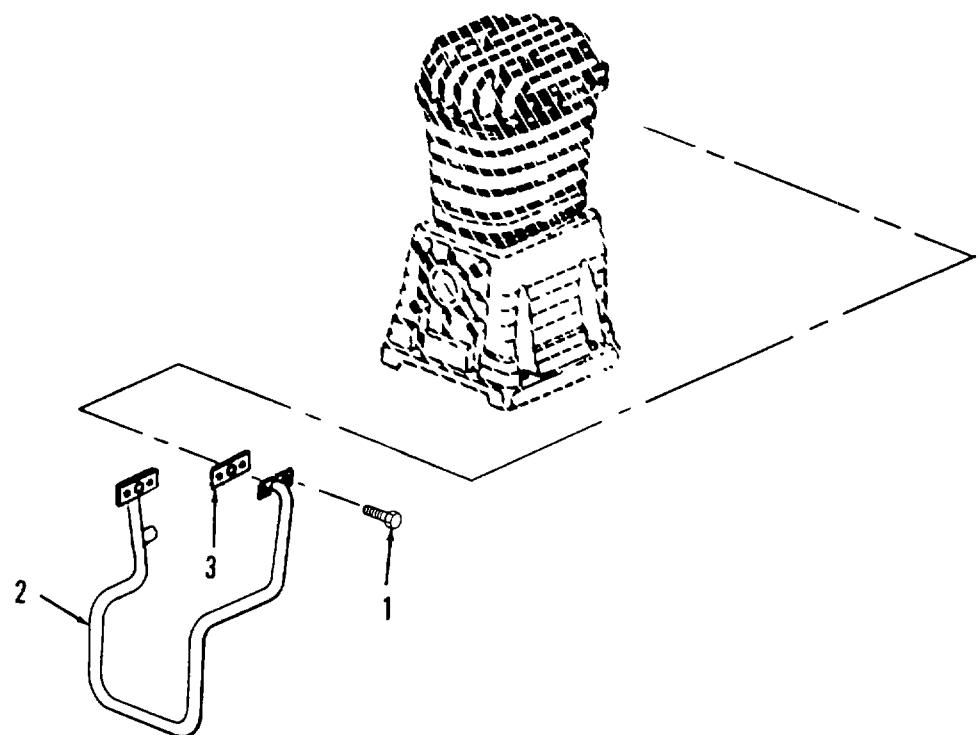


Figure 31. Intercooler Tube

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC)					QTY
GROUP 03 COMPRESSOR					
FIG. 31 INTERCOOLER TUBE					
1	PAOZZ	55921	059-0035	BOLT M8 X 20MM LONG	4
2	PBOZZ	55921	082-0017CT	TUBE, INTERCOOLER	1
3	PAOZZ	55921	046-0219	GASKET, INTERCOOLER	2

END OF FIGURE

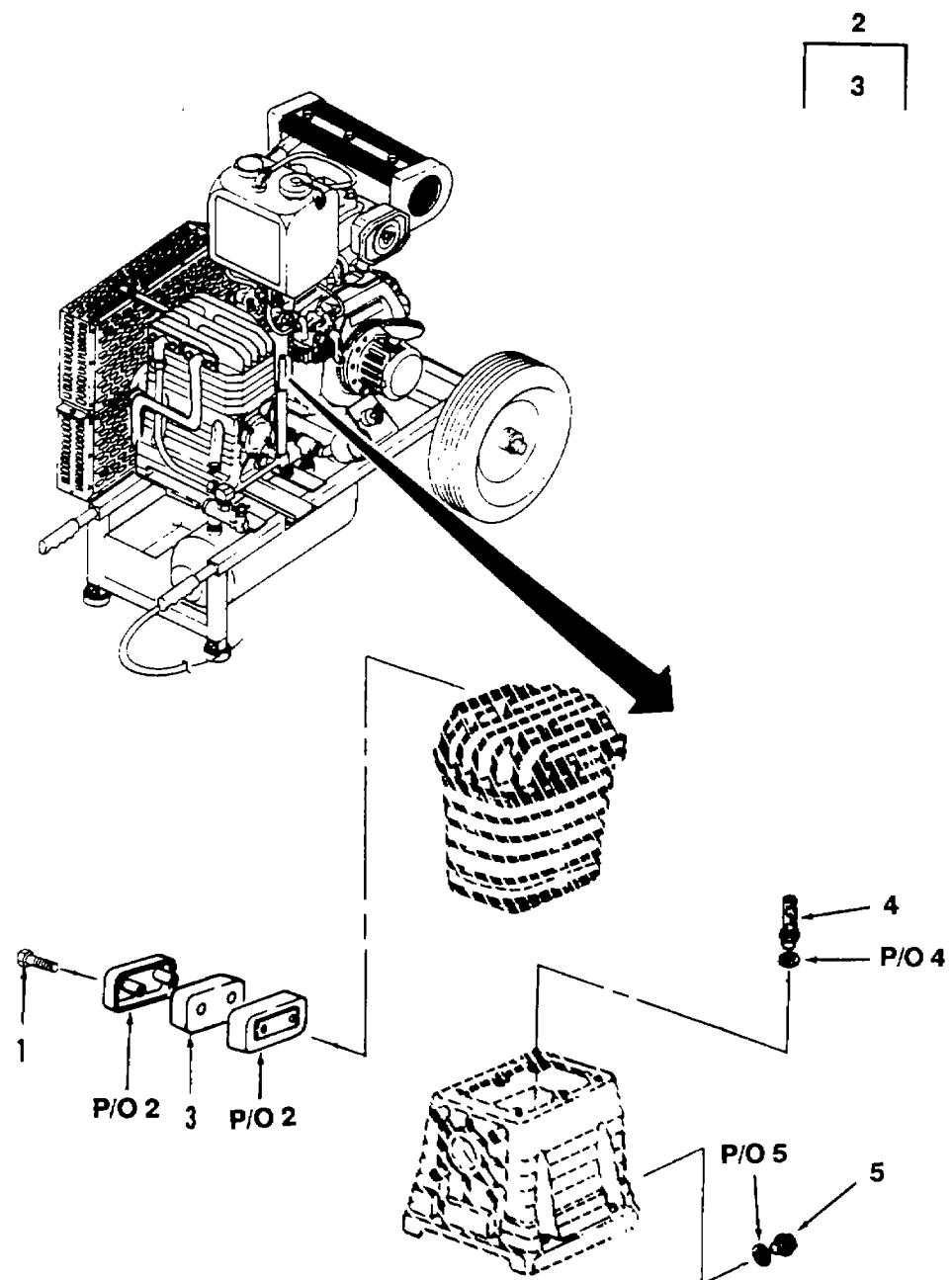


Figure 32. Filter Assembly, Oil Filler, and Sight Glass

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY
			GROUP 03	COMPRESSOR	
			FIG. 32	FILLER ASSEMBLY, OIL	
				FILLER, AND SIGHT GLASS	
1	PAOZZ	55921	059-0192	BOLT M8 X 25MM LONG	2
2	PAOZZ	55921	019-0138	FILTER ASSEMBLY	1
3	PAOZZ	55921	019-0139	FILTER ELEMENT	1
4	PAOZZ	55921	056-0029	OIL FILLER WITH GASKET	1
5	PAOZZ	55921	032-0044	SIGHT GLASS WITH GASKET	1

END OF FIGURE

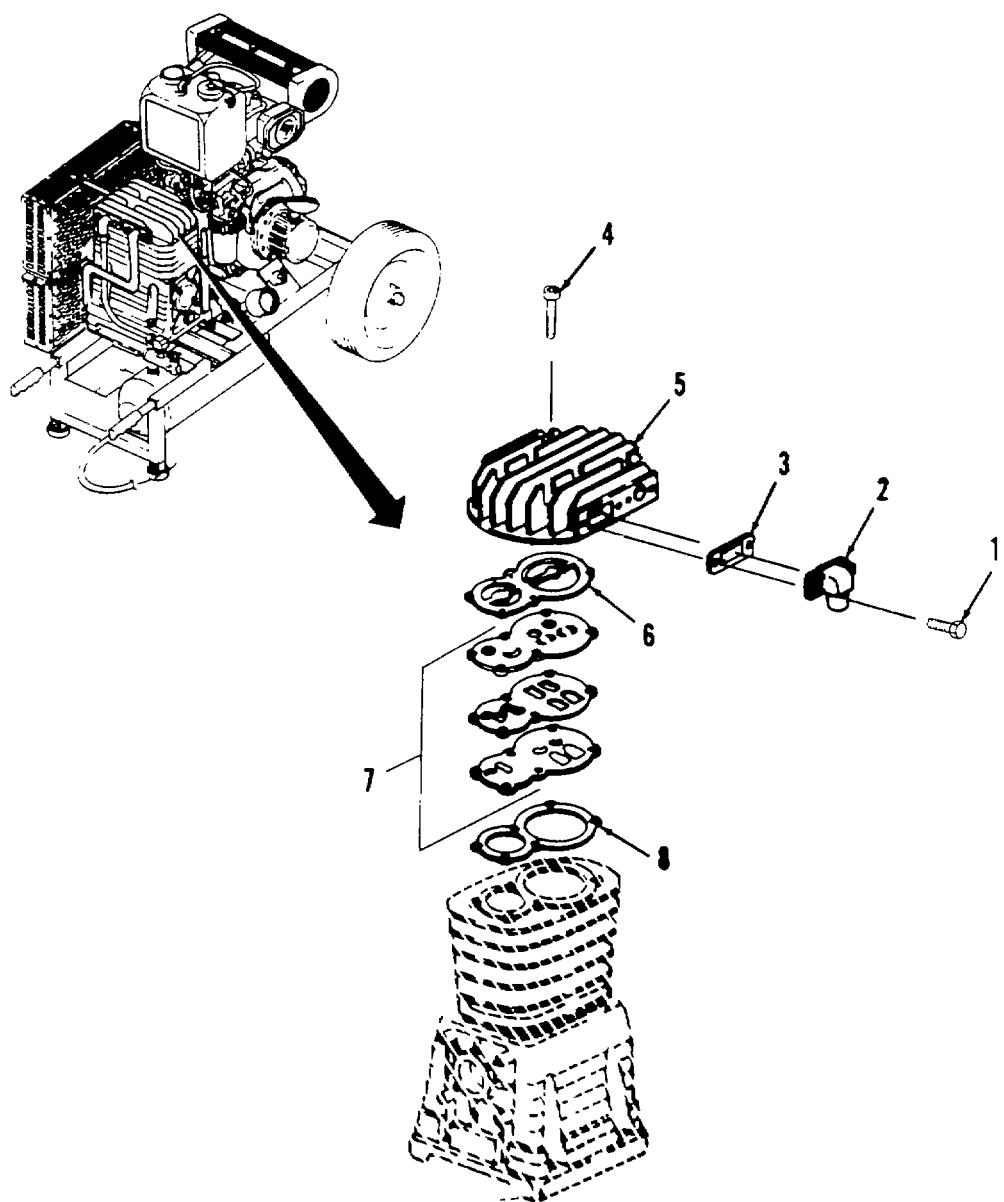


Figure 33. Valve Head and Valve Plates

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC)					QTY
GROUP 03 COMPRESSOR					
FIG. 33 VALVE HEAD AND VALVE PLATES					
1	PAFZZ	55921	059-0193	BOLT M8 X 14MM LONG	2
2	PBFZZ	55921	082-0019	OUTLET ADAPTER FEMALE	1
3	PAFZZ	55921	046-0218	GASKET, OUTLET.....	1
4	PAFZZ	55921	059-0194	BOLT M8 X 45MM LONG	6
5	XDFZZ	55921	042-0072	HEAD	1
6	PAFZZ	55921	046-0215	GASKET, VALVE TOP PLATE.....	1
7	PBFZZ	55921	043-0140	VALVE PLATE ASSY	1
8	PAFZZ	55921	046-0214	GASKET, HEAD	1

END OF FIGURE

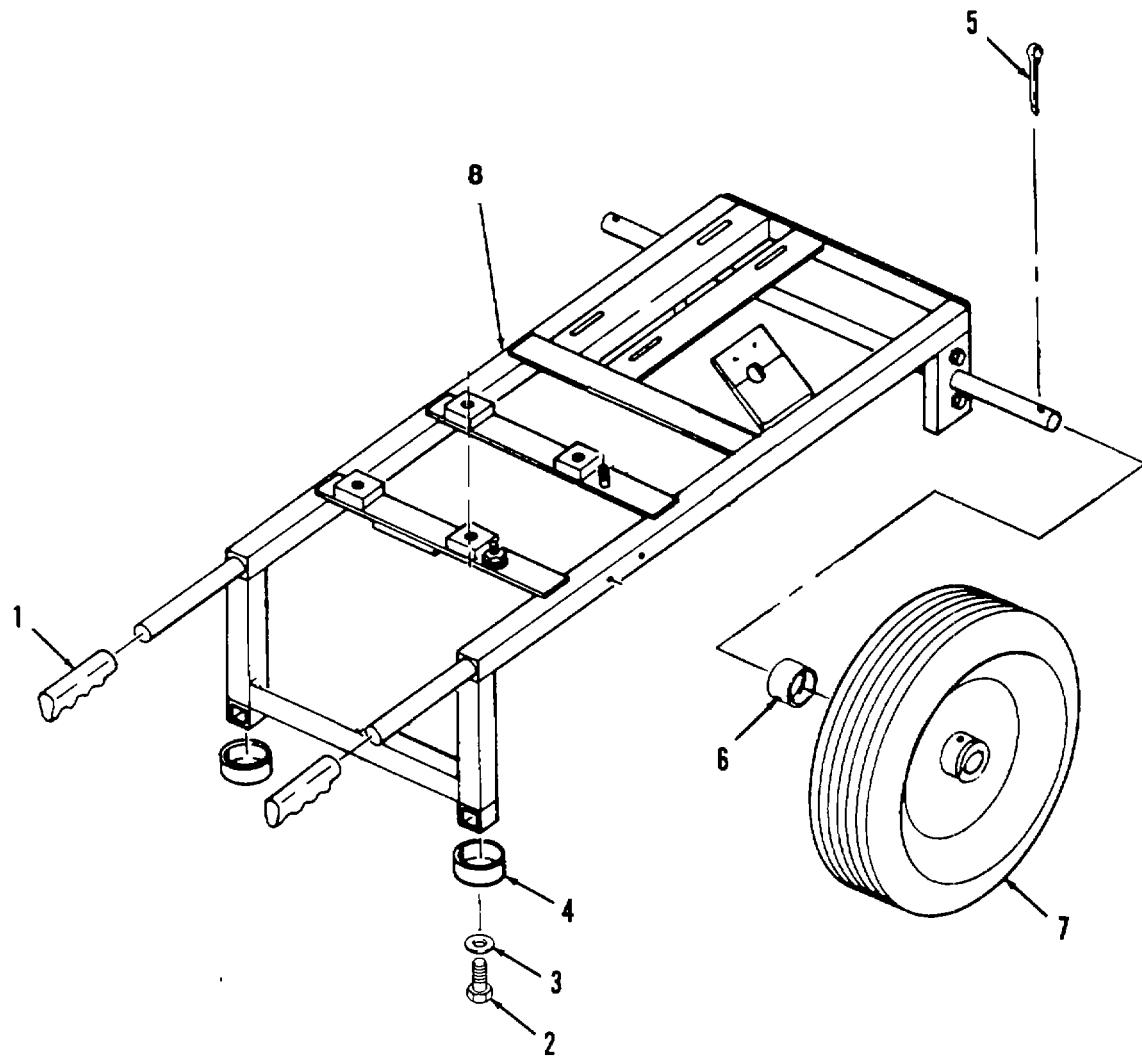


Figure 34. Handle Grips, Tire and Wheel Assemblies, and Chassis

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 04 CHASSIS ASSEMBLY					
FIG. 34 HANDLE GRIPS, TIRE AND WHEEL ASSEMBLIES, AND CHASSIS					
1	XDOZZ	55921	VK403	HANDLE GRIP	2
2	PAOZZ	80204	B1821BH025C088N	SCREW,CAP,HEXAGON H.....	2
3	PAOZZ	96906	MS35338-139	WASHER,LOCK.....	2
4	PAOZZ	39428	9540K28	VIBRATION MOUNT RUBBER.....	2
5	PAOZZ	96906	MS24665-370	PIN,COTTER 1/8 DIA X 1.00 LONG2	
6	XDOZZ	55921	OFD897	SPACER 13/16 ID X .750 LONG	2
7	XDOOO	55921	VD1304	WHEEL AND TIRE ASSY.....	1

END OF FIGURE

SECTION II		TM9-4310-394-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC) QTY					
GROUP 05 BULK					
FIG. BULK					
1	PAOZZ	79470	H05705	HOSE 5/16 ID	V
2	PAOZZ	79470	H05703	HOSE 3/16 ID	V
3	PAOZZ	81349	M5086/1-10-9	WIRE, ELECTRICAL.....	V
4	PAOZZ	81348	M5086/1-14-9	WIRE, ELECTRICAL.....	V

END OF FIGURE

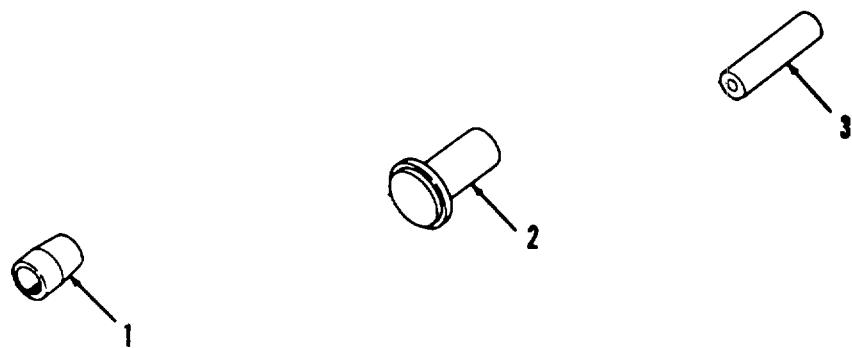


Figure 35. Special Tools

SECTION III		TM9-4310-394-23P					
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)		
			DESCRIPTION AND USABLE ON CODES(UOC)				
			GROUP 06 SPECIAL TOOLS				
			FIG. 35 SPECIAL TOOLS				
1	XDFZZ	OAK42	114268-92300	GUIDE, OIL SEAL			1
2	XDFZZ	OAK42	114250-92311	INSTALLING TOOL.....			1
3	XDFZZ	OAK42	114250-92350	TOOL, FITTING			1

END OF FIGURE

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX					
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
6145-00-003-9527	BULK	3	5305-01-069-8235	18	1
4730-00-053-0266	4	5	4730-01-115-2648	4	10
5305-00-068-0498	3	1	5305-01-163-5075	16	6
9	1			17	1
5305-00-068-0500	1	11	5305-01-300-6264	16	2
5305-00-071-2079	10	2		17	17
5305-00-071-2505	34	2	2940-01-310-4495	15	5
5305-00-071-2513	6	4	2910-01-310-4522	20	1
5310-00-087-4652	5	1	4820-01-314-2106	4	9
5940-00-113-9826	13	8	5310-01-322-8607	16	3
5940-00-143-4777	13	13	5365-01-322-8692	26	3
	13	16	5310-01-322-8747	15	3
5940-00-143-4780	13	7	2815-01-323-0290	26	20
5940-00-143-4794	13	6	2990-01-323-1322	17	13
	13	12	2815-01-323-1352	26	15
4730-00-188-3513	4	8	5330-01-323-2728	23	5
	5	16	2940-01-323-3289	15	1
	9	6	5306-01-323-5440	25	2
4730-00-196-1465	8	5	2815-01-324-6801	26	2
4730-00-196-1493	8	8	5330-01-324-8279	23	3
5306-00-225-8504	30	2	5330-01-324-8831	26	18
5306-00-226-4831	14	2	5340-01-324-8850	26	16
5315-00-236-8359	34	5	2990-01-325-8264	17	14
4730-00-277-5553	4	11	5330-01-326-8017	22	3
4730-00-278-4290	8	2	5330-01-326-8021	26	4
4820-00-720-4488	12	6	5330-01-326-8022	25	5
5306-00-753-6996	14	1	5330-01-330-9564	18	6
5310-00-809-3078	10	5	2910-01-358-5930	21	1
	14	5	5305-01-388-6229	22	1
	30	3	5306-01-388-6230	26	5
5310-00-809-5997	10	1	5306-01-388-7402	18	7
5310-00-823-8804	3	3		23	1
	6	3		24	3
	9	2	5310-01-388-8806	18	2
	11	2	5310-01-388-8826	26	1
	12	3		28	4
			5310-00-829-9981	10	3
				14	3
				30	1
4730-00-908-3195	4	1			
5310-00-933-8121	3	2			
	6	2			
	9	3			
	11	3			
	12	2			
	34	3			
5310-00-974-6623	5	4			
	10	4			
	14	4			
	30	4			

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
86823	A-21951-1A		5	9
80204	B1821BH025C088N	5305-00-071-2505	34	2
80204	B1821BH025C250N	5305-00-071-2513	6	4
80204	B1821BH031C150N	5306-00-226-4831	14	2
80204	B1821BH050C400N	5305-00-071-2079	10	2
55921	CAF2273		5	7
55921	CAF2274		5	5
55921	CAF2277		3	10
55921	CAF2281		34	8
55921	CAF2284		9	5
55921	CAF2285		9	7
55921	CAF2286		5	6
55921	CAF2288		3	7
55921	CAF2289		3	5
55921	CAF2291		11	5
55921	CAF2296		3	11
55921	CA1304		3	6
55921	CA1305		3	8
55921	CA1306		3	9
79470	C3709X4		8	4
86823	FT30545		5	8
94894	GIJ-J2-1506		2	2
79470	H05703		BULK	2
79470	H05705		BULK	1
58818	LGM-20F		8	6
OAK42	L40AE-DECT		14	6
96906	MS20913-2	4730-00-188-3513	4	8
			5	16
			9	6
96906	MS24665-370	5315-00-236-8359	34	5
96906	MS25036-108	5940-00-143-4780	13	7
96906	MS25036-112	5940-00-143-4794	13	6
			13	12
96906	MS25036-114	5940-00-113-9826	13	8
96906	MS25036-157	5940-00-143-4777	13	13
			13	16
96906	MS27183-11	5310-00-809-3078	10	5
			14	5
			30	3
96906	MS27183-17	5310-00-809-5997	10	1
96906	MS27183-56		5	2
96906	MS27183-9	5310-00-823-8804	3	3
			6	3
			9	2
			11	2
			12	3
96906	MS35338-139	5310-00-933-8121	3	2
			6	2
			9	3
			11	3
			12	2

SECTION IV

TM9-4310-394-23P

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
96906	MS35338-139	5310-00-933-8121	34	3
96906	MS35338-140	5310-00-974-6623	5	4
			10	4
			14	4
			30	4
96906	MS35649-2252B		6	1
96906	MS35649-2312	5310-00-829-9981	12	1
			10	3
			14	3
			30	1
96906	MS35751-43	5306-00-753-6996	14	1
96906	MS35782-2	4820-00-720-4488	12	6
96906	MS35842-10	4730-00-908-3195	4	1
96906	MS39207-6		8	9
96906	MS39231-2	4730-00-278-4290	8	2
96906	MS39255-A61		3	12
96906	MS51474-0925		5	3
96906	MS51872-20	4730-01-115-2648	4	10
96906	MS51922-17	5310-00-087-4652	5	1
96906	MS51952-1	4730-00-053-0266	4	5
96906	MS51952-2	4730-00-277-5553	4	11
96906	MS51953-25	4730-00-196-1465	8	5
96906	MS51953-78	4730-00-196-1493	8	8
96906	MS90725-1	5305-00-068-0498	3	1
			9	1
96906	MS90725-3	5305-00-068-0500	11	1
96906	MS90725-40	5306-00-225-8504	30	2
58818	M20053-1		8	7
96906	M3367-5-9		13	1
			13	5
81349	M5086/1-10-9	6145-00-003-9527	BULK	3
81348	M5086/1-14-9		BULK	4
86823	N40300A-8-1 2		5	15
55921	OFB306		10	6
55921	OFD225		12	5
55921	OFD226		8	10
55921	OFD897		34	6
55921	QAB340		1	7
55921	QAB341		1	8
55921	QAB342		1	2
55921	QAB343		1	3
55921	QAB344		1	4
55921	QAB345		1	6
55921	QAB346		1	5
58818	ST25-210		8	3
58818	ST25-70		8	11
86823	T-17-4		5	14
55921	VA1220		4	2
55921	VA1221A		4	4
55921	VA1221B		4	3
55921	VA323		8	1

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
55921	VD1304		34	7
55921	VE1038		13	14
			13	17
55921	VE1043		13	9
55921	VE1045		13	10
55921	VE1311		13	3
55921	VE1312		13	11
55921	VE1313		13	15
55921	VK403		34	1
55921	VR331		2	1
55921	019-0138		32	2
55921	019-0139		32	3
55921	032-0044		32	5
55921	040-0140CT		30	5
55921	042-0072		33	S
55921	043-0140		33	7
55921	044-0052		30	8
55921	046-0214		33	8
55921	046-0215		33	6
55921	046-0218		33	3
55921	046-0219		31	3
55921	056-0029		32	4
55921	059-0035		31	1
55921	059-0191		30	6
55921	059-0192		32	1
55921	059-0193		33	1
55921	059-0194		33	4
55921	060-0079		30	7
55921	082-0017CT		31	2
55921	082-0019		33	2
OAK42	101720-55750		6	16
OAK42	102100-67080		24	10
OAK42	102103-55520		6	8
OAK42	103338-32570	5330-01-324-8279	23	3
OAK42	103854-01221		27	1
OAK42	104200-55321		6	s15
OAK42	104200-55330		6	14
OAK42	104200-55341		6	12
OAK42	104200-55750		6	11
OAK42	105425-01690		28	1
OAK42	110250-55610		6	6
OAK42	114250-01220		26	29
OAK42	114250-01250		26	30
OAK42	114250-01340		26	27
OAK42	114250-01380		26	28
OAK42	114250-01800		28	7
OAK42	114250-01830		28	5
OAK42	114250-01840		28	6
OAK42	114250-07350		17	16
OAK42	114250-11020		26	26
OAK42	114250-11101	2815-01-323-0290	26	20

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
OAK42	114250-11113		26	21
OAK42	114250-11120		26	17
OAK42	114250-11180	5340-01-324-8850	26	16
OAK42	114250-11240		26	7
			26	12
OAK42	114250-11290		26	14
OAK42	114250-11310	5330-01-326-8022	25	5
OAK42	114250-11340	5330-01-324-8831	26	18
OAK42	114250-11460	5330-01-326-8021	26	4
OAK42	114250-11600		26	19
OAK42	114250-11651		26	10
OAK42	114250-11900	2815-01-324-6801	26	2
OAK42	114250-11951		25	4
OAK42	114250-12010		15	15
OAK42	114250-12200		15	16
OAK42	114250-12210		15	8
0.K42	114250-12520		15	4
OAK42	114250-12530		15	6
OAK42	114250-12550		15	2
OAK42	114250-12560	5310-01-322-8747	15	3
OAK42	114250-12580	2940-01-310-4495	15	5
OAK42	114250-13200		16	4
OAK42	114250-13521		16	5
OAK42	114250-13701		16	7
OAK42	114250-14200		29	6
OAK42	114250-14260		29	7
OAK42	114250-14450		29	5
OAK42	114250-21550		27	2
OAK42	114250-32070		23	2
OAK42	114250-35070		22	2
OAK42	114250-45211		18	8
OAK42	114250-45300		18	4
OAK42	114250-45310		18	3
OAK42	114250-45330	5330-01-330-9564	18	6
OAK42	114250-55500		6	5
OAK42	114250-59800		4	12
OAK42	114250-66050		24	8
OAK42	114250-66200		24	5
OAK42	114250-66440		24	11
OAK42	114250-66550		24	15
OAK42	114250-76590		17	18
OAK42	114250-76600		25	1
OAK42	114250-76610		25	3
OAK42	114250-92311		35	2
OAK42	114250-92350		35	3
OAK42	114252-66252		24	13
OAK42	114268-13510		16	8
OAK42	114268-92300		35	1
OAK42	114350-11470	5365-01-322-8692	26	3
OAK42	114362-77010		19	2
OAK42	114770-66010		24	6

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
OAK42	114780-21400		27	3
OAK42	114780-45100		18	5
71956	119195		3	13
OAK42	119260-11370		26	9
			26	13
OAK42	121250-55620		6	9
OAK42	121254-55510		6	7
OAK42	121400-91251		7	1
OAK42	124550-55700		6	10
OAK42	124950-01250		26	31
OAK42	129100-77500		15	12
OAK42	129100-77510		15	11
OAK42	135210-61090		24	16
86823	150911		5	12
86823	153915		5	10
79470	1541		4	6
79470	1555		4	7
86823	156601		5	11
OAK42	160120-76940	5310-01-388-8806	18	2
OAK42	160260-76520		17	11
OAK42	160260-76530		17	9
OAK42	160260-76540		17	12
OAK42	160260-76550		17	5
OAK42	160260-76560		17	10
OAK42	160260-76580		17	7
OAK42	160260-76590		17	6
(,:42	160260-76600		17	4
OAK42	160260-76620	2990-01-323-1322	17	13
OAK42	160260-76630	2990-01-325-8264	17	14
OAK42	160290-76570		17	8
OAK42	160310-14550		29	2
OAK42	160642-21150		29	4
OAK42	160642-21250		29	1
OAK42	160710-01760		23	4
OAK42	160725-78350		24	1
OAK42	171056-55730		6	18
OAK42	183250-13300		16	1
OAK42	183375-77560		15	13
OAK42	183375-77570		15	10
OAK42	22351-040008		26	22
OAK42	22451-060000		24	17
OAK42	22512-040120		29	3
OAK42	23418-060000		6	17
OAK42	23871-010000		28	3
OAK42	24311-000180	5330-01-323-2728	23	5
OAK42	24311-240100		6	13
OAK42	24341-000224	5330-01-326-8017	22	3
55921	24685		13	4
OAK42	26106-060082	5305-01-163-5075	16	6
OAK42	26106-C060122		15	7
		5305-01-300-6264	16	2

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
OAK42	26106-060122	5305-01-300-6264	17	17
OAK42	26106-060162	5305-01-388-6229	22	1
OAK42	26106-060202		24	4
OAK42	26106-060552	5306-01-323-5440	25	2
OAK42	26106-080452	5306-01-388-6230	26	5
OAK42	26106-08352		15	9
OAK42	26106-100302		19	1
OAK42	26116-040088		24	9
OAK42	26216-080182		26	23
OAK42	26226-060182		28	8
OAK42	26226-060222		28	9
OAK42	26226-060502		26	25
OAK42	26226-060552		26	24
OAK42	26346-060002		24	2
OAK42	26366-060002		15	14
		5310-01-388-8826	26	1
			28	4
OAK42	26366-080002	5310-01-322-8607	16	3
OAK42	26476-060142	5306-01-388-7402	18	7
			23	1
			24	3
OAK42	26476-060252	5305-01-069-8235	18	1
OAK42	26696-100002		24	14
OAK42	26756-060002		24	12
			26	8
			26	11
31493	302WV3	4820-01-314-2106	4	9
86823	30545-25		5	13
39428	3254T3		13	2
OAK42	43400-500490		28	2
OAK42	714250-11570	2815-01-323-1352	26	15
OAK42	714250-12560	2940-01-323-3289	15	1
OAK42	714250-51710	2910-01-358-5930	21	1
OAK42	714250-53101	2910-01-310-4522	20	1
OAK42	714260-76810		17	2
OAK42	714260-76821		17	3
OAK42	714260-76831		17	15
OAK42	714268-66500		24	7
OAK42	714270-11660		26	6
15526	933-M6X8	5305-01-163-5075	17	1
OAK42	933110-00301		7	2
39428	9540K28		12	4
			34	4
19738	9654-08		3	4
			9	4
			11	4
39428	97517A015		1	1

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
BULK	1		79470	H05705
BULK	2		79470	H05703
BULK	3	6145-00-003-9527	81349	M5086/1-10-9
BULK	4		81348	M5086/1-14-9
1	1		39428	97517A015
1	2		55921	QAB342
1	3		55921	QAB343
1	4		55921	QAB344
1	5		55921	QAB346
1	6		55921	QAB345
1	7		55921	QAB340
1	8		55921	QAB341
2	1		55921	VR331
2	2		94894	GIJ-J2-1506
3	1	5305-00-068-0498	96906	MS90725-1
3	2	5310-00-933-8121	96906	MS35338-139
3	3	5310-00-823-8804	96906	MS27183-9
3	4		19738	9654-08
3	5		55921	CAF2289
3	6		55921	CA1304
3	7		55921	CAF2288
3	8		55921	CA1305
3	9		55921	CA1306
3	10		55921	CAF2277
3	11		55921	CAF2296
3	12		96906	MS39255-A61
3	13		71956	119195
4	1	4730-00-908-3195	96906	MS35842-10
4	2		55921	VA1220
4	3		55921	VA1221B
4	4		55921	VA1221A
4	5	4730-00-053-0266	96906	MS51952-1
4	6		79470	1541
4	7		79470	1555
4	8	4730-00-188-3513	96906	MS20913-2
4	9	4820-01-314-2106	31493	302WV3
4	10	4730-01-115-2648	96906	MS51872-20
4	11	4730-00-277-5553	96906	MS51952-2
4	12		OAK42	114250-59800
5	1	5310-00-087-4652	96906	MS51922-17
5	2		96906	MS27183-56
5	3		96906	MS51474-0925
5	4	5310-00-974-6623	96906	MS35338-140
5	5		55921	CAF2274
5	6		55921	CAF2286
5	7		55921	CAF2273
5	8		86823	FT30545
5	9		86823	A-21951-1A
5	10		86823	153915
5	11		86823	156601
5	12		86823	150911

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
5	13		86823	30545-25
5	14		86823	T-17-4
5	15		86823	N40300A-8-1 2
5	16	4730-00-188-3513	96906	MS20913-2
6	1		96906	MS35649-2252B
6	2	5310-00-933-8121	96906	MS35338-139
6	3	5310-00-823-8804	96906	MS27183-9
6	4	5305-00-071-2513	80204	B1821BH025C250N
6	5		OAK42	114250-55500
6	6		OAK42	110250-55610
6	7		OAK42	121254-55510
6	8		OAK42	102103-55520
6	9		OAK42	121250-55620
6	10		OAK42	124550-55700
6	11		OAK42	104200-55750
6	12		OAK42	104200-55341
6	13		OAK42	24311-240100
6	14		OAK42	104200-55330
6	15		OAK42	104200-55321
6	16		OAK42	101720-55750
6	17		OAK42	23418-060000
6	18		OAK42	171056-55730
7	1		OAK42	121400-91251
7	2		OAK42	933110-00301
8	1		55921	VA323
8	2	4730-00-273-4290	96906	MS39231-2
8	3		58818	ST25-210
8	4		79470	C3709X4
8	5	4730-00-196-1465	96906	MS51953-25
8	6		58818	LGM-20F
8	7		58818	M20053-1
8	8	4730-00-196-1493	96906	MS51953-78
8	9		96906	MS39207-6
8	10		55921	OFD226
8	11		58818	ST25-70
9	1	5305-00-06,-0498	96906	MS90725-1
9	2	5310-00-823-8804	96906	MS27183-9
9	3	5310-00-933-8121	96906	MS35338-139
9	4		19738	9654-08
9	5		55921	CAF2284
9	6	4730-00-188-3513	96906	MS20913-2
9	7		55921	CAF2285
10	1	5310-00-809-5997	96906	MS27183-17
10	2	5305-00-071-2079	80204	B1821BH050C400ON
10	3	5310-00-829-9981	96906	MS35649-2312
10	4	5310-00-974-6623	96906	MS35338-140
10	5	5310-00-809-3078	96906	MS27183-11
10	6		55921	OFB306
11	1	5305-00-068-0500	96906	MS90725-3
11	2	5310-00-823-8804	96906	MS27183-9
11	3	5310-00-963-8121	96906	MS35338-139

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
11	4		19738	9654-08
11	5		55921	CAF2291
12	1		96906	MS35649-22528
12	2		5310-00-933-8121	96906 MS35338-139
12	3	5310-00-823-8804	96906	MS27183-9
12	4			39428 9540K28
12	5			55921 OFD225
12	6	4820-00-720-4488	96906	MS35782-2
13	1		96906	M3367-5-9
13	2		39428	3254T3
13	3		55921	VE1311
13	4			55921 24685
13	5			96906 M3367-5-9
13	6	5940-00-143-4794	96906	MS25036-112
13	7	5940-00-143-4780	96906	MS25036-108
13	8		5940-00-113-9826	96906 MS25036-114
13	9		55921	VE1043
13	10			55921 VE1045
13	11			55921 VE1312
13	12	5940-00-143-4794	96906	MS25036-112
13	13	5940-00-143-4777	96906	MS25036-157
13	14			55921 VE1038
13	15		55921	VE1313
13	16	5940-00-143-4777	96906	MS25036-157
13	17			55921 VE1038
14	1	5306-00-753-6996	96906	MS35751-43
14	2	5306-00-226-4831	80204	B1821BH031C150N
14	3	5310-00-820-9981	96906	MS35649-2312
14	4	5310-00-974-6623	96906	MS35338-140
14	5	5310-00-809-3078	96906	MS27183-11
14	6		OAK42	L40AE-DECT
15	1	2940-01-323-3289	OAK42	714250-12560
15	2		OAK42	114250-12550
15	3	5310-01-322-8747	OAK42	114250-12560
15	4		OAK42	114250-12520
15	5	2940-01-310-4495	OAK42	114250-12580
15	6		OAK42	114250-12530
15	7		OAK42	26106-060122
15	8		OAK42	114250-12210
15	9		OAK42	26106-08352
15	10		OAK42	183375-77570
15	11		OAK42	129100-77510
15	12		OAK42	129100-77500
15	13		OAK42	183375-77560
15	14		OAK42	26366-060002
15	15		OAK42	114250-12010
15	16		OAK42	114250-12200
16	1		OAK42	183250-13300
16	2	5305-01-300-6264	OAK42	26106-060122
16	3	5310-01-322-8607	OAK42	26366-080002
16	4		OAK42	114250-13200

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
16	5		OAK42	114250-13521
16	6	5305-01-163-5075	OAK42	26106-060082
16	7		OAK42	114250-13701
16	8		OAK42	114268-13510
17	1	5305-01-163-5075	15526	933-M6X8
17	2		OAK42	714260-76810
17	3		OAK42	714260-76821
17	4		OAK42	160260-76600
17	5		OAK42	160260-76550
17	6		OAK42	160260-76590
17	7		OAK42	160260-76580
17	8		OAK42	160290-76570
17	9		OAK42	160260-76530
17	10		OAK42	160260-76560
17	11		OAK42	160260-76520
17	12		OAK42	160260-76540
17	13	2990-01-323-1322	OAK42	160260-76620
17	14	2990-01-325-8264	OAK42	160260-76630
17	15		OAK42	714260-76831
17	16		OAK42	114250-07350
17	17	5305-01-300-6264	OAK42	26106-060122
17	18		OAK42	114250-76590
18	1	5305-01-069-8235	OAK42	26476-060252
18	2	5310-01-388-8806	OAK42	160120-76940
18	3		OAK42	114250-45310
18	4		OAK42	114250-45300
18	5		OAK42	114780-45100
18	6	5330-01-330-9564	OAK42	114250-45330
18	7	5306-01-388-7402	OAK42	26476-060142
18	8		OAK42	114250-45211
19	1		OAK42	26106-100302
19	2		OAK42	114362-77010
20	1	2910-01-310-4522	OAK42	714250-53101
21	1	2910-01-358-5930	OAK42	714250-51710
22	1	5305-01-308-6229	OAK42	26106-060162
22	2		OAK42	114250-35070
22	3	5330-01-326-8017	OAK42	24341-000224
23	1	5306-01-388-7402	OAK42	26476-060142
23	2		OAK42	114250-32070
23	3	5330-01-324-8279	OAK42	103338-32570
23	4		OAK42	160710-01760
23	5	5330-01-323-2728	OAK42	24311-000180
24	1		OAK42	160725-78350
24	2		OAK42	26346-060002
24	3	5306-01-388-7402	OAK42	26476-060142
24	4		OAK42	26106-060202
24	5		OAK42	114250-66200
24	6		OAK42	114770-66010
24	7		OAK42	714268-66500
24	8		OAK42	114250-66050
24	9		OAK42	26116-040088

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
24	10		OAK42	102100-67080
24	11		OAK42	114250-66440
24	12		OAK42	26756-060002
24	13		OAK42	114252-66252
24	14		OAK42	26696-100002
24	15		OAK42	114250-66550
24	16		OAK42	135210-61090
24	17		OAK42	22451-060000
25	1		OAK42	114250-76600
25	2	5306-01-323-5440	OAK42	26106-060552
25	3		OAK42	114250-76610
25	4		OAK42	114250-11951
25	5	5330-01-326-8022	OAK42	114250-11310
26	1	5310-01-388-8826	OAK42	26366-060002
26	2	2815-01-324-6801	OAK42	114250-11900
26	3	5365-01-322-8692	OAK42	114350-11470
26	4	5330-01-326-8021	OAK42	114250-11460
26	5	5306-01-388-6230	OAK42	26106-080452
26	6		OAK42	714270-11660
26	7		OAK42	114250-11240
26	8		OAK42	26756-060002
26	9		OAK42	119260-11370
26	10		OAK42	114250-11651
26	11		OAK42	26756-060002
26	12		OAK42	114250-11240
26	13		OAK42	119260-11370
26	14		OAK42	114250-11290
26	15	2815-01-323-1352	OAK42	714250-11570
26	16	5340-01-324-8850	OAK42	114250-11180
26	17		OAK42	114250-11120
26	18	5330-01-324-8831	OAK42	114250-11340
26	19		OAK42	114250-11600
26	20	2815-01-323-0290	OAK42	114250-11101
26	21		OAK42	114250-11113
26	22		OAK42	22351-040008
26	23		OAK42	26216-080182
26	24		OAK42	26226-060552
26	25		OAK42	26226-060502
26	26		OAK42	114250-11020
26	27		OAK42	114250-01340
26	28		OAK42	114250-01380
26	29		OAK42	114250-01220
26	30		OAK42	114250-01250
26	31		OAK42	124950-01250
27	1		OAK42	103854-01221
27	2		OAK42	114250-21550
27	3		OAK42	114780-21400
28	1		OAK42	105425-01690
28	2		OAK42	43400-500490
28	3		OAK42	23871-010000
28	4	5310-01-388-88	OAK42	26366-060002

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

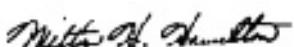
FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
28	5		OAK42	114250-01830
28	6		OAK42	114250-01840
28	7		OAK42	114250-01800
28	8		OAK42	26226-060182
28	9		OAK42	26226-060222
29	1		OAK42	160642-21250
29	2		OAK42	160310-14550
29	3		OAK42	22512-040120
29	4		OAK42	160642-21150
29	5		OAK42	114250-14450
29	6		OAK42	114250-14200
29	7		OAK42	114250-14260
30	1	5310-00-829-9981	96906	MS35649-2312
30	2	5306-00-225-8504	96906	MS90725-40
30	3	5310-00-809-3078	96906	MS27183-11
30	4	5310-00-974-6623	96906	MS35338-140
30	5		55921	040-0140CT
30	6		55921	059-0191
30	7		55921	060-0079
30	8		55921	044-0052
31	1		55921	059-0035
31	2		55921	082-0017CT
31	3		55921	046-0219
32	1		55921	059-0192
32	2		55921	019-0138
32	3		55921	019-0139
32	4		55921	056-0029
32	5		55921	032-0044
33	1		55921	059-0193
33	2		55921	082-0019
33	3		55921	046-0218
33	4		55921	059-0194
33	5		55921	042-0072
33	6		55921	046-0215
33	7		5921	043-0140
33	8		55921	046-0214
34	1		55921	VK403
34	2	5305-00-071-2505	80204	B1821BH025CO88N
34	3	5310-00-933-8121	96906	MS35338-139
34	4		39428	9540K28
34	5	5315-00-236-8359	96906	MS24665-370
34	6		55921	0FD897
34	7		55921	VD1304
34	8		55921	CAF2281
35	1		OAK42	114268-92300
35	2		OAK42	114250-92311
35	3		OAK42	114250-92350

TM 9-4310-394-23P

By Order of the Secretary of the Army

GORDON R SULLIVAN
General, United States Army
Chief of Staff

Official.



MILTON H HAMILTON
*Administrative Assistant to the
Secretary of the Army*
07669

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25-F, block no. 6246, requirements for TM 9-4310-394-23P

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

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

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigram = .035 ounce
 1 decagram = 10 grams = .35 ounce
 1 hectogram = 10 decagrams = 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

Square Measure

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

Cubic Measure

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

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

Temperature (Exact)

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

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

SOMETHING WRONG WITH PUBLICATION



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

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS
ARE OBSOLETE.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS.

PIN : 073341