

**TECHNICAL MANUAL**

**ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL  
SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT  
MAINTENANCE REPAIR PARTS)**

**COMPRESSOR, AIR, RECIPROCATING,  
ELECTRIC MOTOR DRIVEN, RECEIVER MOUNTED,  
5 CFM AT 175 PSI  
MODEL NO. HR2-6M-1  
NSN 4310-01-040-7171  
(CHAMPION PNEUMATIC MACHINERY COMPANY)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
15 JANUARY 1979**

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**Current as of 3 November 1978**

**REPORTING OF ERRORS**

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

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**Section I  
INTRODUCTION**

**1. Scope.**

This manual lists repair parts and special tools required for performance of organizational, direct support, and general support maintenance of the air compressor.

**2. General.**

a. Section II. Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. (Not applicable).

c. Section IV. National Stock Number and Part Number Index. A list, in ascending numerical sequence, of all National stock numbers appearing. In the listings, followed by a list, in alpha-numeric sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item number appearance.

**3. Explanation of Columns.**

The following provides an explanation of columns found in the tabular listings.

a. Illustration. This column is divided as follows:

(1) Figure number. Indicates the figure number

of the illustration in which the item is shown.

(2) Item number. The number used to identify

each item called out in the illustration.

b. Source, Maintenance, and Recoverability Codes (SMR).

(1) Source code. Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows.

<u>Code</u>	<u>Definition</u>
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.

<u>Code</u>	<u>Definition</u>
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

**NOTE**

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA or XD.

(2) Maintenance code. Maintenance codes are assigned to indicate the levels of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the Uniform Code format as follows'

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

<u>Code</u>	<u>Application/Explanation</u>
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
F	Support item is removed, replaced, used at the direct support level.
H	Support item is removed, replaced, used at the general support level.
D	Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

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

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

<u>Recoverability Code</u>	<u>Definition</u>
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When uneconomically repairable, condemn and dispose at organizational level.
F	Reparable item. When uneconomically repairable, condemn and dispose at the direct support level.
H	Reparable item. When uneconomically repairable, condemn and dispose at the general support level.

<u>Recoverability Code</u>	<u>Definition</u>
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/ directives for specific instructions.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by manufacturer which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

**NOTE**

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits and sets are listed below the name of the kit or set with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When the part to be used differs between serial numbers of the same model, the effective serial numbers are shown as the last line of the description. In the Special Tools List, the initial basis of issue (BOI) appears as the last line in the entry for each special tool, TMDE, and support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased accordingly.

g. Unit of measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity incorporated in unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e.g., shims, spacers, etc.).

**4. Special Information.**

a. Detailed assembly instructions for items source coded to be assembled are found in TM 5-4310-356-14. Assembly components are listed immediately following the item to be assembled.

b. The following publications pertain to the air compressor and its components:

- TM 5-4310-356-14 Operator, Organizational,  
Direct Support and General  
Support Maintenance Manual
- LO 5-4310-356-12 Lubrication Order

**5. How to Locate Repair Parts.**

a. When National Stock Number or Part Number is Unknown:

(1) First. Using the table of contents, determine the functional group within which the repair part belongs. This is necessary since illustrations are prepared for functional groups, and listings are divided into the same groups.

(2) Second. Find the illustration covering the functional group to which the repair part belongs.

(3) Third. Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

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

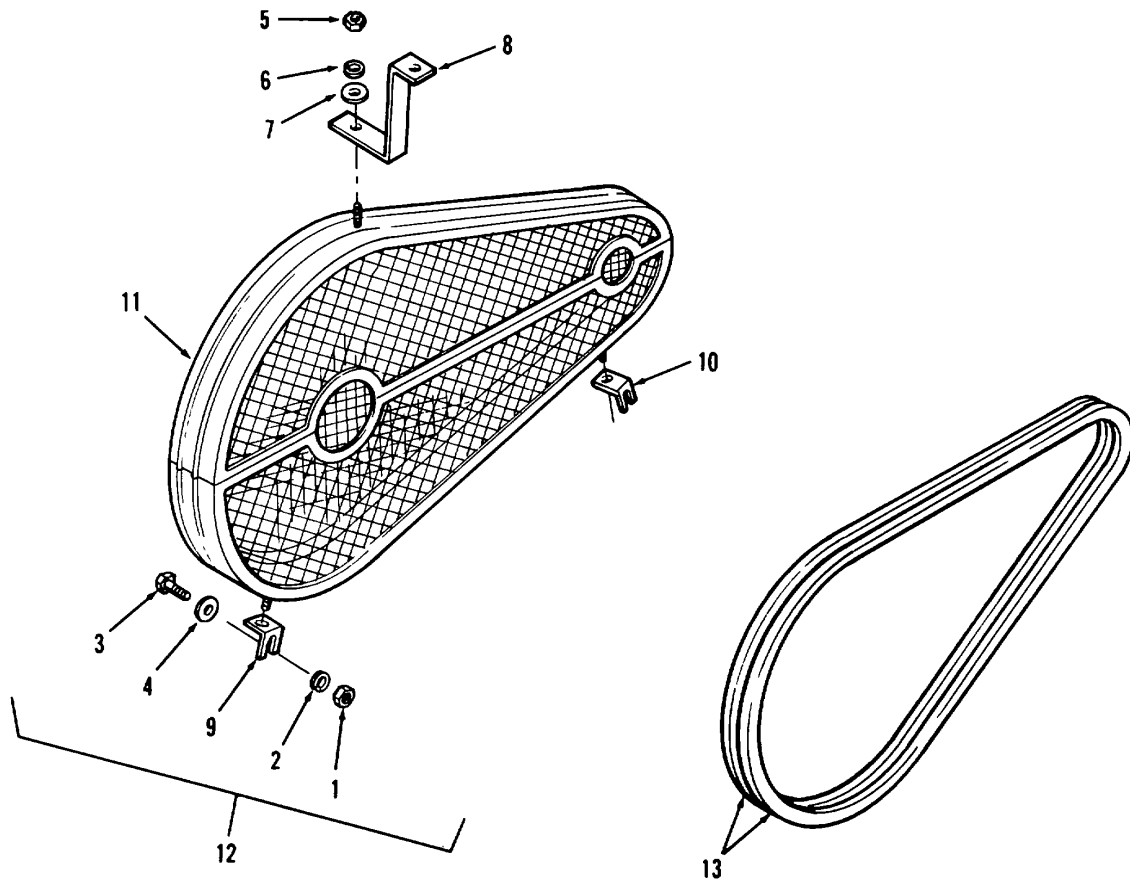
b. When National Stock Number or Part Number Is Known.

(1) First. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number. This Index is in ascending NSN sequence followed by a list of part numbers in ascending alphanumeric sequence, cross-referenced to the illustration figure number and item number.

(2) Second. After finding the figure and item number, locate the figure and item number in the repair parts list.

**6. Abbreviations.**

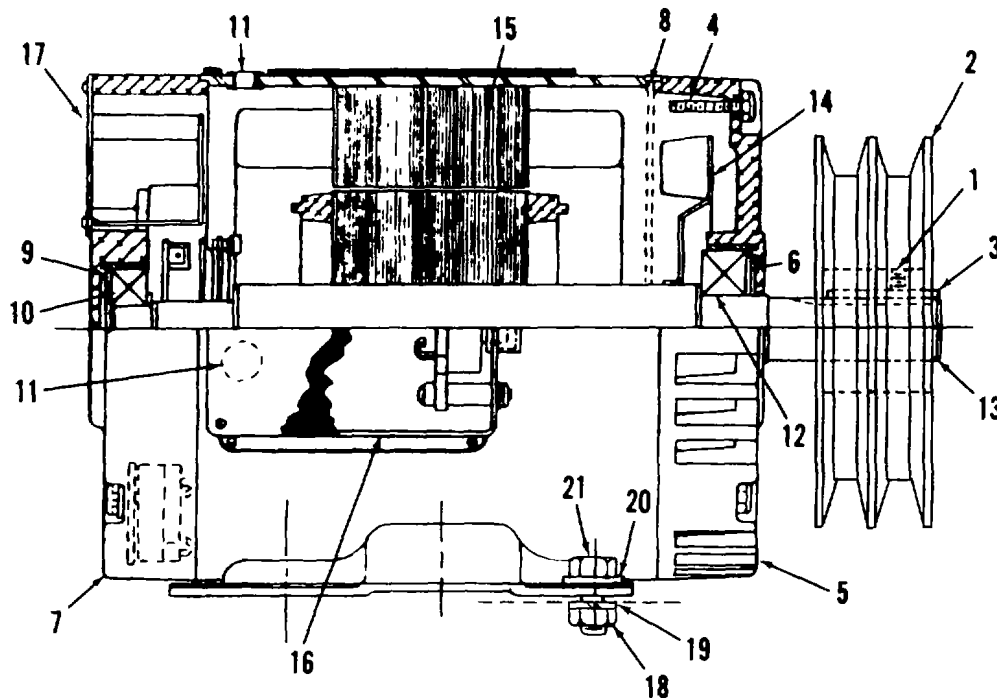
The abbreviations used in this manual are standard abbreviations as listed in MIL-STD-12C.



TS 4310-356-24P/1

Figure 1. Belt Guard Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
						SECTION II - REPAIR PARTS LIST GROUP 01 - BELT GUARD ASSEMBLY		
1	1	PAOZZ	5310-00-761-6882	M939A	1156B	NUT, HEX, 1/4-20.....	EA	4
1	2	PAOZZ	5310-00-582-5965	M919A	11568	WASHER, LOCK, ET, 1/4 IN. ....	EA	4
1	3	PAOZZ	5305-00-068-0506	M696	11568	SCREW, CAP, HEX, 1/4-20x3/4 IN. ....	EA	4
1	4	PAOZZ	5310-00-823-8804	M905A	11568	WASHER, FLAT, 1/4 IN. ....	EA	4
1	5	PAOZZ	5310-00-880-7744	M935A	11568	NUT, HEX, 5/16-18.....	EA	3
1	6	PAOZZ	5310-00407-9566	M913A	11568	WASHER, LOCK, SPLIT, 5/16 IN. ....	EA	3
1	7	PAOZZ	5310-00-0814219	M912A	11568	WASHER, FLAT, 5/16 IN. ....	EA	4
1	8	XBOZZ		M855	1156B	BRACKET, BELT GUARD.....	EA	1
1	9	XBOZZ		M856	11568	BRACKET, BELT GUARD.....	EA	1
1	10	XBOZZ		M854	11568	BRACKET, BELT GUARD.....	EA	1
1	11	XBOZZ		Z307-1	11568	GUARD, BELT.....	EA	1
1	12	XBOXX		Z307	11568	GUARD ASSEMBLY, BELT.....	EA	1
1	13	PAOZZ		A63	24161	V-BELT, MATCHED SET.....	EA	1
					<b>5</b>			



TS 4310-356-24P/2

Figure 2. Electric Motor

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 02 - ELECTRIC MOTOR		
2	1	PAOZZ	5305-01-015-3345	M568	11568	SCREW, SOCKET SET 3/8-16x3/8 IN. ....	EA	1
2	2	XBFZZ		M5207C	11568	PULLEY, MOTOR.....	EA	1
2	3	XBFZZ		006002-01	56065	KEY .....	EA	1
2		PBOFL		C147TI7DB10A	56065	MOTOR, ELECTRIC, 2 HP.....	EA	1
2	4	XBFZZ		003801-02	56065	BOLT, THRU.....	EA	4
2	5	XBFZZ		021200-01	56065	ENDBELL, REAR.....	EA	1
2	6	XBFZZ		004300-05,	56065	SPRING, WAVY.....	EA	1
2	7	XBFZZ		021202-05	56065	ENDBELL, FRONT.....	EA	1
2	8	XBFZZ		003701-01	56065	BAFFLE.....	EA	1
2	9	XBFZZ		004301-01	56065	SHIM .....	EA	1
2	10	XBFZZ		002000-03	56065	BEARING, FRONT.....	EA	1
2	11	XBFZZ		006028-01	56065	BUSIHNG.....	EA	2
2	12	XBFZZ		002003-05	56065	BEARING, REAR.....	EA	1
2	13	XBFZZ		C145T17DBO1A-RS	56065	ROTOR/SHAFT ASSY.....	EA	1
2	14	XBFZZ		003507-01	56065	FAN.....	EA	1
2	15	XBFZZ		C145T17DBO1A-FS	56065	FRAME/STATOR ASSY.....	EA	1
2	16	XBFZZ		003202-01	56065	BOX, CONDUIT .....	EA	1
2	17	XBFZZ		003204-01	56065	BOX, CONDUIT COVER.....	EA	1
2	18	PAOZZ	5310-00-880-7744	M935A	11568	NUT, HEX 5/16-18.....	EA	4
2	19	PAOZZ	5310-00-407-9566	M913A	11568	WASHER, LOCK, SPLIT 5/16 IN. ....	EA	4
2	20	PAOZZ	5310-00-0814219	M912A	11568	WASHER, FLAT 5/16 IN. ....	EA	4
2	21	PAOZZ	5305-00-225-8499	M458	11568	SCREW, CAP, HEX HD 5/16x1 IN. ....	EA	4
					6			

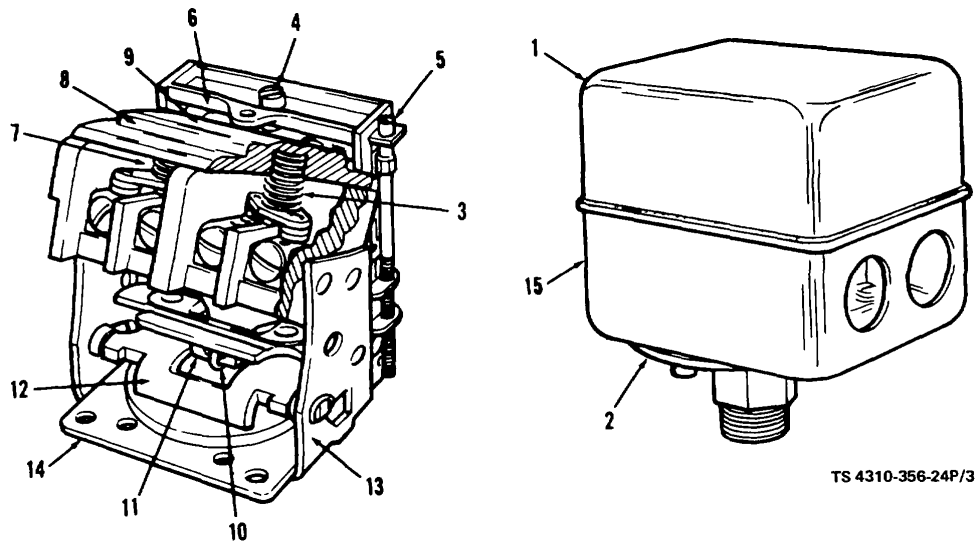


Figure 3. Switch Assembly, Pressure

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
3		PAFZZ	5930-00-087-4027	69HA1	23826	SWITCH ASSEMBLY, PRESSURE .....	EA	1
3	1	XBFZZ		D9943-10	23826	COVER, ENCLOSURE .....	EA	1
3	2	XBFZZ	5930-00-772-6081	D274-1	23826	DIAPHRAGM.....	EA	1
3	3	PAFZZ	5360-00-530-4936	D467-1	23826	SPRING, CONICAL.....	EA	1
3	4	PAFZZ	5305-01-042-2554	D323-1	23826	SCREW, PRES ADJ. ....	EA	1
3	5	PAFZZ		D9096-1	23826	SCREW AND NUT .....	EA	1
3	6	XBFZZ		D9935-1	23826	BAR, TOP.....	EA	1
3	7	XBFZZ		D1673-1	23826	CONTACT BOARD ASSEMBLY .....	EA	1
3	8	PAFZZ	5360-01-040-3845	D276-1	23826	SPRING, EQUALIZER .....	EA	1
3	9	PAFZZ	5340-00-805-0825	D10037-1	23826	SPRING, MAIN.....	EA	1
3	10	PAFZZ	5360-00-756-9452	D357-1	23826	SPRING, TOGGLE.....	EA	1
3	11	PAFZZ	6110-00-887-5005	D317-2	23826	TOGGLE, SWITCH .....	EA	1
3	12	XBFZZ		D1366-1	23826	LEVER .....	EA	1
3	13	XBFZZ		D10456-1	23826	PLATE, DIAPHRAGM .....	EA	1
3	14	XBFZZ		D9078-1	23826	FRAME, COMPLETE .....	EA	1
3	15	XBFZZ		D9271-15	23826	ENCLOSURE, DIAPHRAGM .....	EA	1



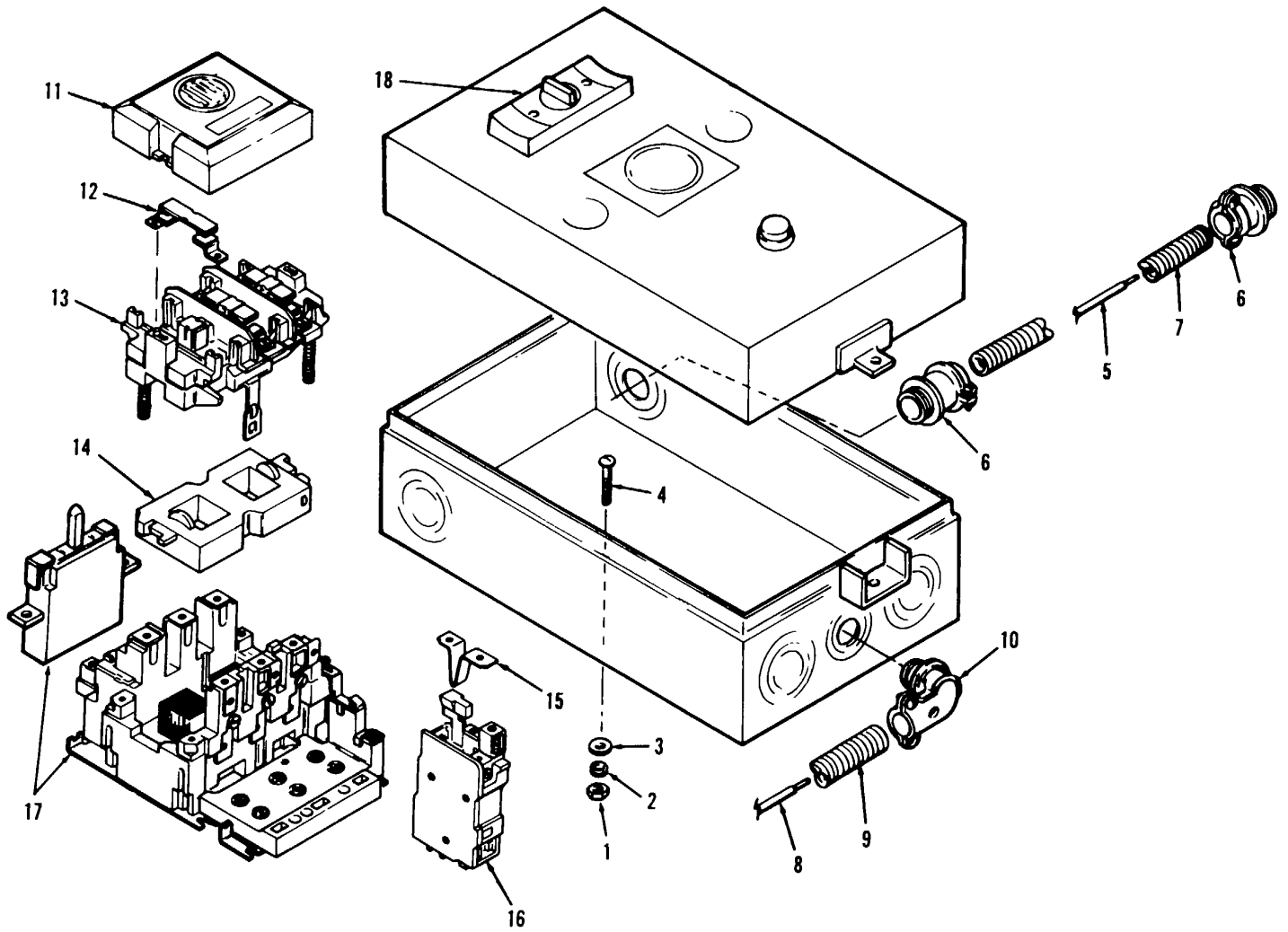
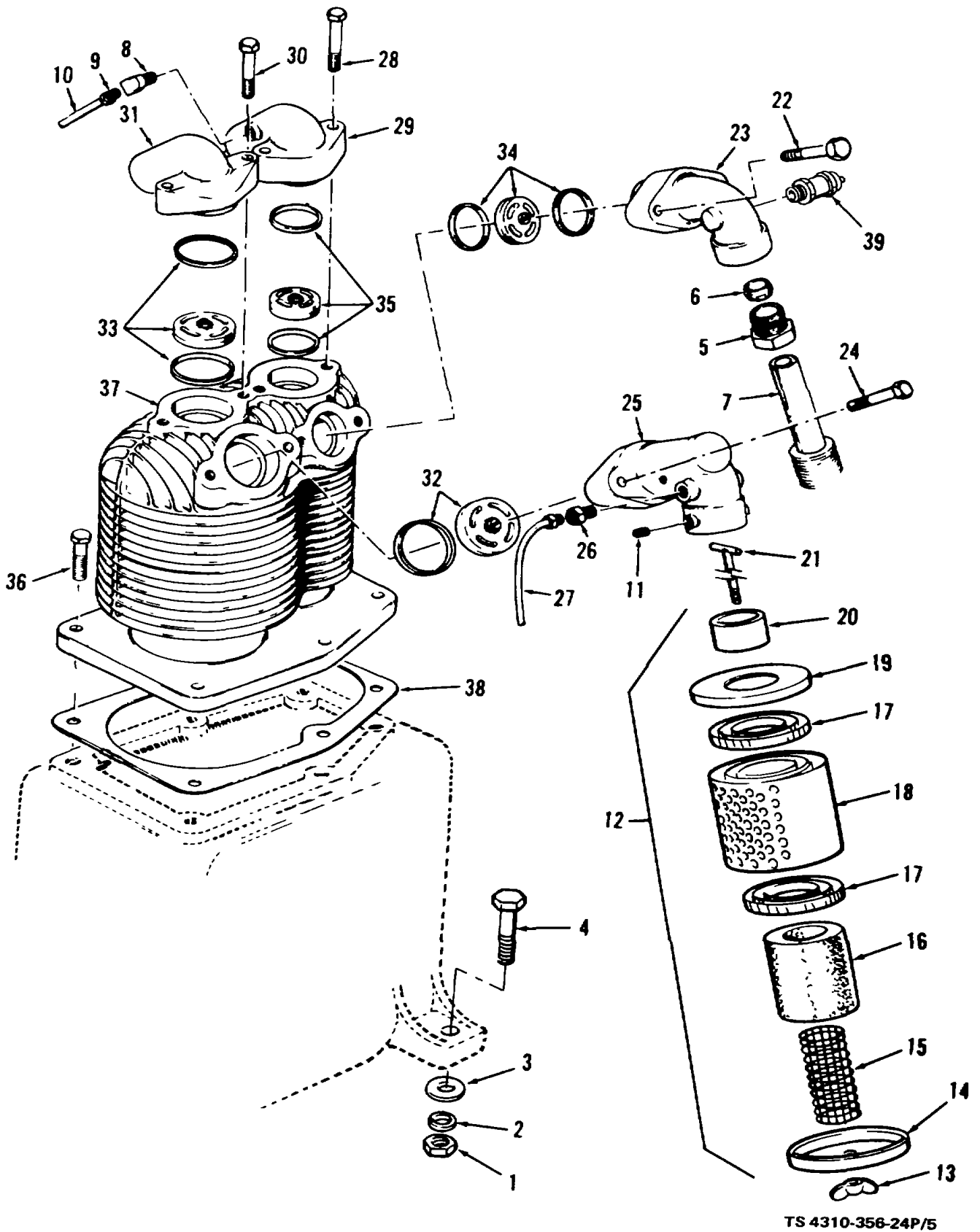


Figure 4. Starter Assembly, Magnetic

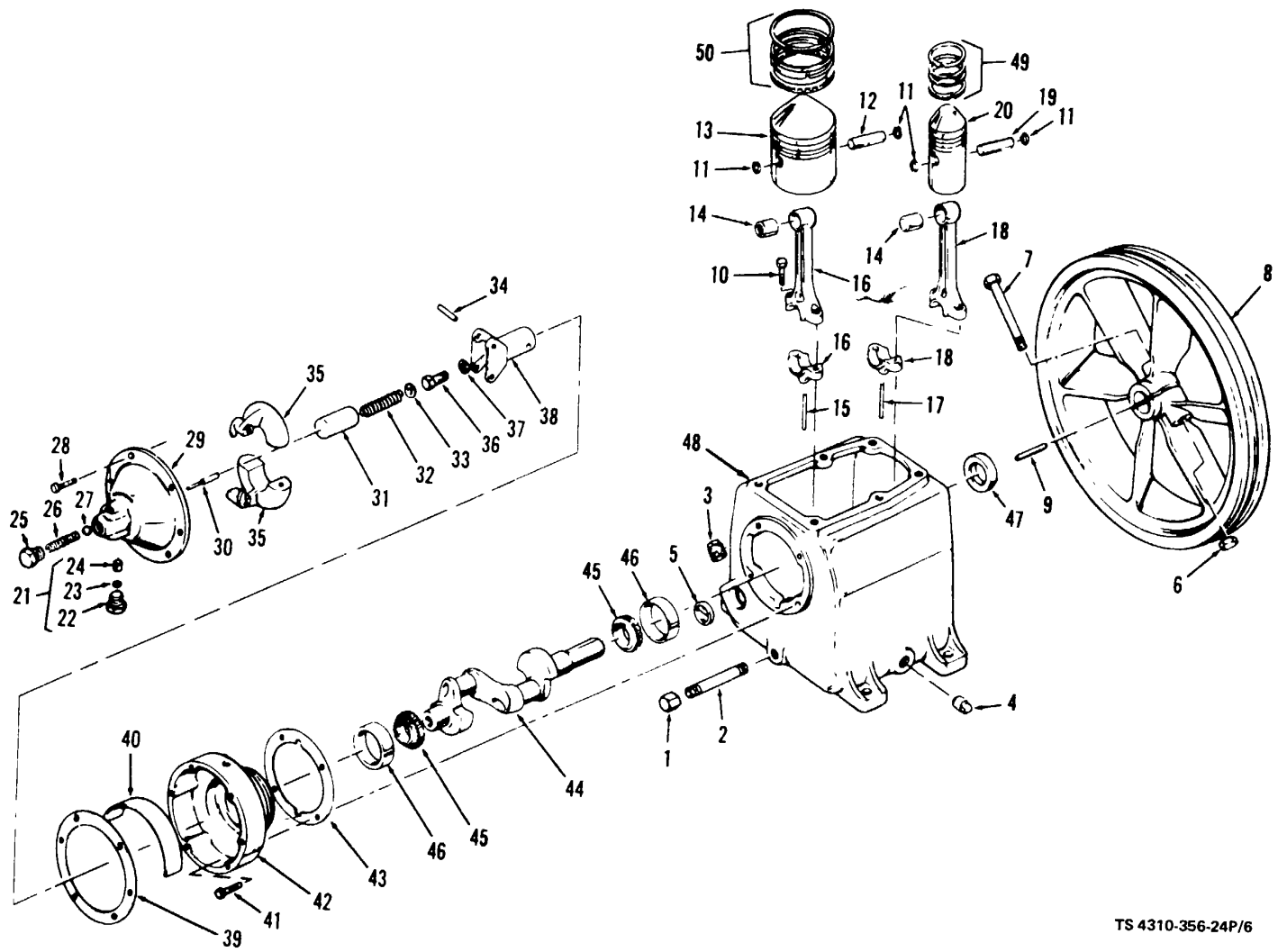
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
4	1	PAOZZ	5310-00-761-6882	M939A	11568	NUT, HEX., 1/4-20.....	EA	2
4	2	PAOZZ	5310-00-582-5965	M919A	11568	WASHER, LOCK, ET 1/4 IN. ....	EA	2
4	3	PAOZZ	5310-00-823-8804	M905A	11568	WASHER, FLAT, 1/4 IN. ....	EA	2
4	4	PAOZZ	5305-00-068-0506	M696	11568	SCREW, CAP, HEX. HD., 1/4-20x3/4 IN.....	EA	2
4	5	XBFZZ		14TWX32	1158	WIRE, 14 GAUGE, 32 IN. ....	IN	3
4	6	XBFZZ		M1757	11568	CONNECTOR, CONDUIT, 3/8 IN., STRAIGHT	EA	3
4	7	XBFZZ		P4346A	11568	CONDUIT, FLEXIBLE, 3/8x13 IN. ....	IN	1
4	8	XBFZZ		14TWX37	11568	WIRE, 14 GAUGE, 37 IN. ....	IN	2
4	9	XBFZZ		P4640A	11568	CONDUIT, FLEXIBLE, 3/8x20 IN. ....	IN	1
4	10	XBFZZ		M1606	11568	CONNECTOR, CONDUIT 3/8 IN. x90 DEG ..	EA	1
4		PAFZZ	6110-00-722-5244	A203B24C1	30086	STARTER ASSEMBLY, MAGNETIC.....	EA	1
4	11	XBFZZ		G213C	30086	CAP, CONTACT COVER.....	EA	1
4	12	XBFZZ		G203B	30086	KIT, CONTACT .....	EA	1
4	13	XBFZZ		G223C	30086	CARRIER ASSY, CONT.....	EA	1
4	14	PAFZZ	6110-01-021-2636	G10C246	30086	COIL.....	EA	1
4	15	PAFZZ		G30T37	30086	COIL, HEATER, START.....	EA	3
4	16	XBFZZ		E20COLI	30086	RELAY, OVERLOAD.....	EA	1
4	17	XBFZZ		FIINOC	30086	INTERLOCK ASSY. ....	EA	1
4	18	XBFZZ		E11ESS	30086	..... SWITCH, SELECTOR, HND-OFF-AUTO	EA	
1								



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Figure 5. Air Compressor Assembly

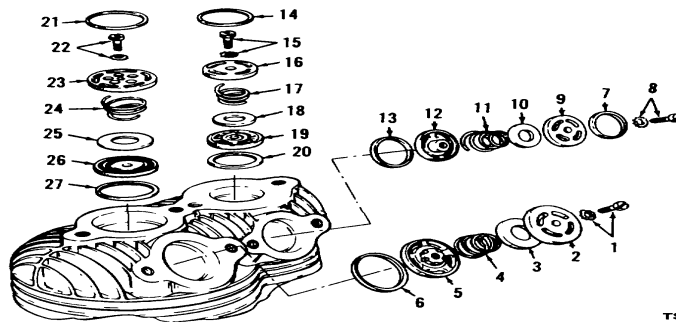
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 03 - AIR COMPRESSOR ASSEMBLY		
5	1	PAFZZ	5310-00-655-9544	M909A	11568	NUT, HEX., 3/8-16.....	EA	4
5	2	PAFZZ	5310-00-224-0772	M914A	11568	WASHER, LOCK, SPLIT, 3/8 IN. ....	EA	4
5	3	PAFZZ	5310-00-224-0765	SE5-88	11568	WASHER, FLAT, 3/8 IN. ....	EA	4
5	4	PAFZZ	5310-00-732-0558	M1460	11568	SCREW, CAP, HEX. HD , 3/8-16x1-1/2 IN.....	EA	4
5		PBOFD	5310-00-637-9541	R10B	11568	COMPRESSOR ASSY. ....	EA	1
5	5	PAOZZ	5310-00-087-7493	SE5-41	11568	NUT, COMPRESSION.....	EA	2
5	6	PAOZZ	5305-00-269-3214	SE542	11568	FERRULE, COMPRESSION.....	EA	2
5	7	XBOZZ	4310-00-430-3488	RE4-12A	11568	TUBE, INTERCOOLER.....	EA	1
5	8	PAOZZ	4730-00-850-7971	Z513	11568	FITTING, COMPRESSION 1/4 IN.x1/8 IN.x90 DEG	EA	1
5	9	PAOZZ	4730-00-851-6259	Z499	11568	FITTING, COMPRESSION 1/4 IN. x1/4 IN.x90 DEG.	EA	1
5	10	XBOZZ	4310-00-999-8670	SB250A	11568	TUBE, UNLOADING.....	EA	1
5	11	PAOZZ	5305-01-011-3072	M432	11568	SCREW, SET, SOCKET, MUFFLER MTG.....	EA	1
5	12	XBOZZ		Z66A	11568	MUFFLER ASSY, INTAKE.....	EA	1
5	13	PAOZZ	5310-01-005-4336	M1712	11568	NUT, WING.....	EA	1
5	14	XBOZZ		M30A	11568	COVER, LOWER.....	EA	1
5	15	PAOZZ	4310-00-204-9681	M674	11568	SCREEN, ELEMENT.....	EA	1
5	16	PAOZZ	4130-00-351-7387	M673	11568	ELEMENT.....	EA	1
5	17	XBOZZ		M62	11568	SEPARATOR, MUFFLER.....	EA	2
5	18	XBOZZ		M54C	11568	PLATE, MUFFLER.....	EA	1
5	19	XBOZZ		M31A	11568	COVER, UPPER, MUFFLER.....	EA	1
5	20	XBOZZ		M32A	11568	FERRULE, MUFFLER.....	EA	1
5	21	XBOZZ		M1711	11568	T-STUD, MUFFLER.....	EA	1
5	22	PAOZZ		M1737	11568	SCREW, CAP, HEX HD, 3/8-16x1-5/8 IN, NO2....	EA	2
5	23	PAOZZ	5305-00-331-4856	SE5-2B	11568	MANIFOLD, INTAKE HP.....	EA	1
5	24	PAOZZ	5305-00-269-3215	M944A	11568	SCREW, CAP, HEX. HD., 3/8-16x1-3/4 IN. ....	EA	2
5	25	PAOZZ	5305-00-269-3215	R10B2	11568	MANIFOLD, INTAKE LP.....	EA	1
5	26	PAOZZ	4730-00-242-5373	Z509	11568	FITTING, COMPRESSION, STRAIGHT, 3/8 IN. x 1/4 IN. ....	EA	2
5	27	XBOZZ		UB375	11568	TUBE, BREATHER.....	EA	1
5	28	PAOZZ		M1737	11568	SCREW, CAP, HEX. HD., 3/8-16x1-5/8 (N., NO. 2.....	EA	2
5	29	PAOZZ	4310-00-283-3288	NR2B	11568	MANIFOLD, EXHAUST HP.....	EA	1
5	30	PAOZZ	5305-00-269-3215	M944A	11568	SCREW, CAP, HEX HD., 3/8-16x1-3/4 IN.	EA	2
5	31	PAOZZ	5305-00-269-3215	RE10-2E	11568	MANIFOLD, EXHAUST LP.....	EA	1
5	32	PAOZZ	4310-00-195-5708	Z812	11568	VALVE ASSY, INTAKE LP.....	EA	1
5	33	PAOZZ		Z813	11568	VALVE ASSY, EXHAUST LP.....	EA	1
5	34	PAOZZ	4310-00-631-3397	Z113	11568	VALVE ASSY ,INTAKE HP.....	EA	1
5	35	PAOZZ	4310-00-631-3396	Z115	11568	VALVE ASSY., EXHAUST HP.....	EA	1
5	36	PAOZZ	5305-00-045-1988	M817	11568	SCREW, CAP, HEX. HD , 7/16-20x1-1/4 IN	EA	6
5	37	XBFZZ		NR14-6A	11568	CYLINDER.....	EA	1
5	38	XBFZZ	5330-00-450-4130	NR29A	11568	GASKET, CYLINDER.....	EA	1
5	39	PAOZZ		125 75 PSI	75336	VALVE, SAFETY, INTERSTAGE.....	EA	1
					<b>11</b>			



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Figure 6. Crankcase

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
6	1	XBFZZ		M461	11568	CAP, PIPE 3/8 IN .....	EA	1
6	2	XBFZZ		M492	11568	NIPPLE, PIPE 3/8 IN.x4 IN.....	EA	1
6	3	XBFZZ		M459	11568	PLUG, PIPE 3/4 IN.....	EA	1
6	4	XBFZZ		M504	11568	PLUG, PIPE 1/4 IN.....	EA	2
6	5	PAOZZ	6680-00-377-4915	RE7-14	11568	GAUGE, OIL LEVEL.....	EA	1
6	6	PAOZZ	5310-00-768-0318	M465	11568	NUT, HEX , 1/2-13, FLYWHEEL .....	EA	1
6	7	PAOZZ	5305-00-071-1776	M738	11568	SCREW, CAP, HEX HD , 1/2-13x4 IN.....	EA	1
6	8	XBFZZ		NR7A	11568	FLYWHEEL .....	EA	1
6	9	XBFZZ		SE5-8	11568	KEY, FLYWHEEL, 1/4 IN. X 1/4 IN. x 2 IN. ....	EA	1
6	10	XBFZZ		M1583	11568	BOLT, CONNECTING ROD .....	EA	4
6	11	XBFZZ		R10-102	11568	RING, RETAINING PIN .....	EA	4
6	12	XBFZZ		R10-21	11568	PIN, PISTON .....	EA	1
6	13	XBFZZ		R15-4	11568	PISTON .....	EA	1
6	14	PAFZZ	3120-00-679-3381	RE10-37	11568	BEARING, PISTON PIN .....	EA	2
6	15	XBFZZ		R10-24	11568	DIPPER, OIL, LOW PRESS .....	EA	1
6	16	XBFZZ		M1582	11568	ROD, CONNECTING, LOW PRESS .....	EA	1
6	17	XBFZZ		R30-24	11568	DIPPER, OIL, HIGH PRESS .....	EA	1
6	18	XBFZZ		M1581	11568	ROD, CONNECTING, LOW PRESS .....	EA	1
6	19	XBFZZ		R10-21	11568	PIN, PISTON .....	EA	1
6	20	XBFZZ		R10-4	11568	PISTON .....	EA	1
6	21	XBOZZ	4310-00-896-5984	Z600A	11568	MUFFLER ASSY, UNLOADER .....	EA	1
6	22	XBOZZ		M1046	11568	BODY, MUFFLER .....	EA	1
6	23	XBOZZ		M97A	11568	SCREEN, MUFFLER.....	EA	1
6	24	XBOZZ		M98A	11568	FELT, MUFFLER.....	EA	1
6	25	XBOZZ		NR101	11568	BODY, RELEASE VALVE .....	EA	1
6	26	XBOZZ	5360-00-616-4373	SE5-91	11568	SPRING, RELEASE VALVE .....	EA	1
6	27	PAOZZ	3110-00-198-1050	SE5-95	11568	BALL, RELEASE VALVE .....	EA	1
6	28	PAOZZ	4310-00-151-6876	SE14-84	11568	SCREW, MACHINE FILLISTER NO. 10-32x5/81N. GOV.HOUSING .....	EA	6
6	29	XBOZZ		RE10-100A	11568	COVER, GOVERNOR HOUSING .....	EA	1
6	30	XBFZZ	4310-00-625-6747	SE5-86B	11568	PLUNGER, RELEASE VALVE .....	EA	1
6	31	XBFZZ	4310-00-884-4582	SE5-87	11568	SLEEVE, SPRING.....	EA	1
6	32	PAFZZ	5360-00-850-5541	SE5-90	11568	SPRING, GOVERNOR.....	EA	1
6	33	PAFZZ	5310-00-230-7342	M912A	11568	WASHER, FLAT, 5/16 IN .....	EA	1
6	34	PAFZZ	5315-00-168-2969	SE5-92A	11568	PIN, GOVERNOR, WEIGHT .....	EA	1
6	35	PAFZZ		SE5-82	11568	WEIGHT, GOVERNOR .....	EA	1
6	36	PAFZZ	5305-00-710-4190	SE5-94	11568	SCREW, CAP, HEX. HD , 7/16-20x1 IN. ....	EA	1
6	37	PAFZZ	5310-00-237-6749	M466	11568	WASHER, LOCK, 7/16 IN. ....	EA	1
6	38	PAFZZ	2990-00-863-0926	SE5-83B	11568	SPINDLE, GOVERNOR .....	EA	1
6	39	PAFZZ	5330-00-585-4283	SE14-89	11568	GASKET, GOV COVER .....	EA	1
6	40	XBFZZ		NR104	11568	PLATE, BAFFLE.....	EA	1
6	41	PAFZZ	5305-00-269-3211	M472	11568	SCREW, CAP, HEX HD ,3/8-16x1 IN. ....	EA	4
6	42	XBFZZ		NR80A	11568	HOUSING, GOVERNOR.....	EA	1
6	43	XBFZZ		SE14-30A	11568	GASKET, GOV HOUSING .....	EA	1
6	43	XBFZZ		SE14-30B	11568	GASKET, GOV. HOUSING .....	EA	1
6	43	XBFZZ		SE14-30C	11568	GASKET, GOV HOUSING .....	EA	1
6	43	XBFZZ	5330-00-585-9950	SE14-30	11568	GASKET, GOV. HOUSING .....	EA	1
6	44	PAFZZ		R10-5	11568	CRANKSHAFT .....	EA	1
6	45	PAFZZ	3110-00-100-3150	14138A	60038	CONE AND ROLLER .....	EA	2
6	46	PAFZZ	3110-00-100-0516	14276	60038	CUP, MAIN BEARING .....	EA	2
6	47	PAFZZ	212112D STYLE 1	80201		SEAL, OIL.....	EA	1
6	48	XBFZZ	M1820	11568		CRANKCASE .....	EA	1
6	49	PAFZZ	4310-00-649-8398	Z189B	11568	KIT, RING SET.....	EA	1
6		KFFZZ	R10-10A	11568		CONSISTS OF RING, PISTON .....	EA	1
6		KFFZZ		R10-10B	11568	RING, PISTON .....	EA	2
6		KFFZZ		RE36-100D	11568	RING, OIL, PISTON .....	EA	1
6	50	PAFZZ	4310-00-773-7986	Z179C	11568	KIT, RING SET.....	EA	1
6		KFFZZ		R15-10A	11568	CONSISTS OF RING, PISTON .....	EA	1
6		KFFZZ		R15-10B	11568	RING, PISTON .....	EA	2
6		KFFZZ		R14-100D	11568	RING, OIL, PISTON .....	EA	1



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Figure 7. Valve Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
7		PAOZZ	Z812		11568	VALVE ASSY., INTAKE, LOW PRESS .....	EA	1
7	1	XAOZZ		P4544A	11568	SCREW, MACHINE, FILH .....	EA	1
7	2	XAOZZ		RE14-71A	11568	SEAT .....	EA	1
7	3	XAOZZ		RE14-70	11568	DISC .....	EA	1
7	4	XAOZZ		RE14-58	11568	SPRING .....	EA	1
7	5	XAOZZ		M2098	11568	CAGE.....	EA	1
7	6	XAOZZ		P4134A	11568	GASKET .....	EA	1
7		PAOZZ	4310-00-831-3397	Z113	11568	VALVE ASSY., INTAKE, HIGH PRESS.....	EA	1
7	7	XAOZZ		P4137A	11568	GASKET, TOP .....	EA	1
7	8	XAOZZ		M1122	11568	SCREW, MACHINE, FILH .....	EA	1
7	9	XAOZZ		RE7-56A	11568	SEAT .....	EA	1
7	10	XAOZZ		RE10-62	11568	DISC .....	EA	1
7	11	XAOZZ		RE7-60	11568	SPRING .....	EA	1
7	12	XAOZZ		M2101	11568	CAGE.....	EA	1
7	13	XAOZZ		2203 TYPE A	79150	GASKET, BOTTOM .....	EA	1
7		PAOZZ	4310-00-631-3396	Z115	11568	VALVE ASSY , EXHAUST, HIGH PRESS.....	EA	1
7	14	XAOZZ		P4137A	11568	GASKET, TOP .....	EA	1
7	15	XAOZZ		M1122	11568	SCREW, MACHINE, FILH .....	EA	1
7	16	XAOZZ		M2100	11568	CAGE.....	EA	1
7	17	XAOZZ		RE7-60	11568	SPRING .....	EA	1
7	18	XAOZZ		RE10-62	11568	DISC .....	EA	1
7	19	XAOZZ		RE7-57A	11568	SEAT .....	EA	1
7	20	XAOZZ		2203 TYPE A	79150	GASKET, BOTTOM .....	EA	1
7		PAOZZ	4310-00-631-3397	Z813	11568	VALVE ASSY., EXHAUST, LOW PRESS .....	EA	1
7	21	XAOZZ		P4135A	11568	GASKET .....	EA	1
7	22	XAOZZ		P4543A	11568	SCREW, MACHINE, FILH .....	EA	1
7	23	XAOZZ		M2099	11568	CAGE.....	EA	1
7	24	XAOZZ		RE10-59	11568	SPRING .....	EA	1
7	25	XAOZZ		RE10-61	11568	DISC .....	EA	1
7	26	XAOZZ		M2097	11568	SEAT .....	EA	1
7	27	XAOZZ		P4135A	11568	GASKET .....	EA	1

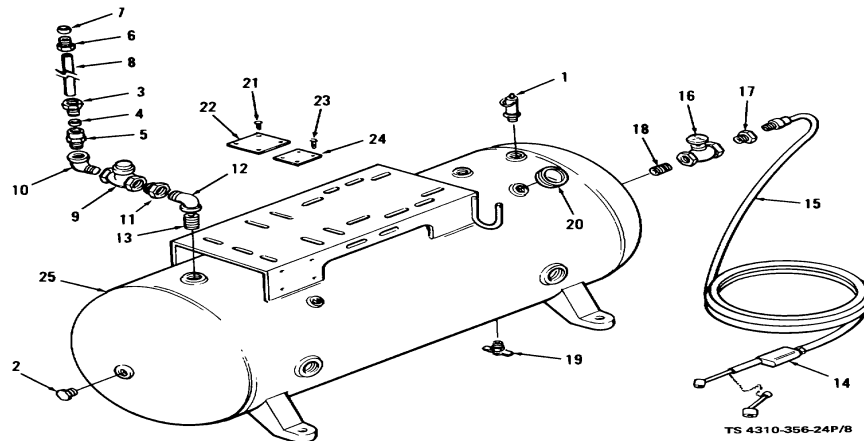
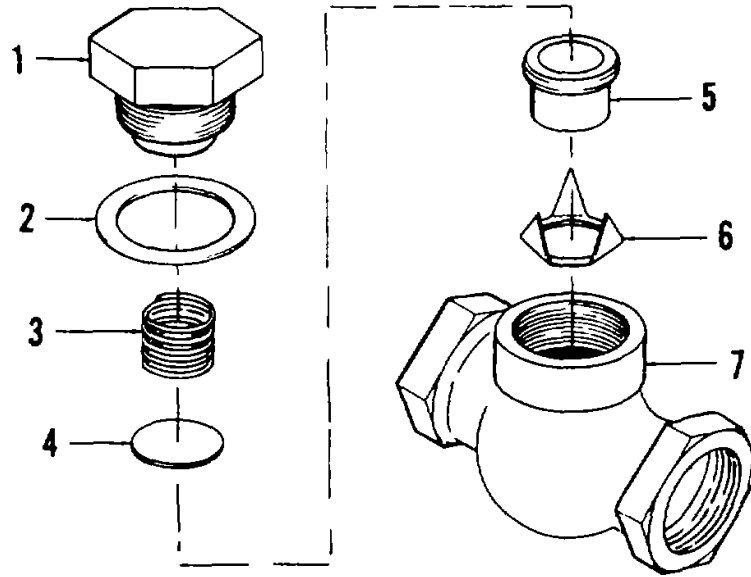


Figure 8. Air Receiver Tank and Parts

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 04 - AIR RECEIVER TANK AND PARTS		
8	1	PAOZZ	4820-00-287-2199	FIG112C	75336	VALVE, SAFETY .....	EA	1
8	2	XBOZZ		M998B	11568	PLUG, PIPE, 1/2 IN. ....	EA	1
8	3	PAOZZ	4730-00-850-7471	SE5-41	11568	NUT, COMPRESSION .....	EA	1
8	4	PAOZZ	4730-00-277-9741	SE5-42	11568	FERRULE, COMPRESSION .....	EA	1
8	5	PAOZZ	4730-00-103-5461	RE10-99	11568	BODY, COMPRESSION.....	EA	1
8	6	PAOZZ	4730-00-850-7971	SE5-41	11568	NUT, COMPRESSION .....	EA	1
8	7	PAOZZ	4730-00-270-8113	SE5-42	11568	FERRULE, COMPRESSION .....	EA	1
8	8	XBOZZ		NR1H	11588	TUBE, AFTERCOOLER .....	EA	1
8	9	PAOZZ		Z57C	11588	VALVE ASSY, CHECK .....	EA	1
8	10	XBOZZ		M1296	11568	ELBOW, STREET, 3/4 IN. x90 DEG. ....	EA	1
8	11	XBOZZ		M1829	11568	BUSHING, FACE.....	EA	1
8	12	XBOZZ		M982B	11568	ELBOW, STREET, 1/2 IN.x90 DEG .....	EA	1
8	13	XBOZZ		M1029B	11568	NIPPLE, PIPE, 1/2 IN.x2 IN.....	EA	1
8	14	PAOZZ	4910-00-030-2365	61J21506	94894	GAUGE ASSY. INFTR.....	EA	1
8	15	PAOZZ	4720-00-874-3179	Z538A	11568	HOSE ASSY , AIR.....	EA	1
8		XBOZZ		DD	21736	CONSISTS OF FERRULE, HOSE.....	EA	2
8		XBOZZ		648	94894	NIPPLE, HEX , MALE.....	EA	1
8		XBOZZ		610	94894	SWIVEL, FEMALE .....	EA	1
8		XBOZZ		601	94894	HOSE END, MALE .....	EA	1
8	16	XBOZZ		M523	11568	VALVE, GLOBE, 1/2 IN .....	EA	1
8	17	XBOZZ		M1318	11568	BUSHING, 1/2 IN x1/4 IN.....	EA	1
8	18	XBOZZ		M1027B	11568	NIPPLE, CLOSE 1/2 IN .....	EA	1
8	19	PAOZZ	4820-00-849-1220	1825A	92976	COCK, DRAIN .....	EA	1
8	20	PAOZZ	6685-00-425-2373	M519C	11568	GAUGE, PRESS .....	EA	1
8	21	PAOZZ		M1058	11568	SCREW, DRIVE, RD HD, NO 4x1/4 IN .....	EA	4
8	22	PAOZZ		M811	11568	PLATE, INSTRUCTION.....	EA	1
8	23	PAOZZ		M835	11568	SCREW, DRIVE, RD HD, NO 8x 3/8 IN .....	EA	4
8	24	PAOZZ		P4645A	11568	PLATE, IDENTIFICATION.....	EA	1
8	25	XBFZZ		P4644D	11568	RECEIVER, AIR .....	EA	1
					<b>15</b>			





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Figure 9. Check Valve

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
9		PAOZZ		Z57C	11568	VALVE ASSY, CHECK .....	EA	1
9	1	XAOZZ		M1668	11568	CAP .....	EA	1
9	2	XAOZZ		3831A	11568	GASKET .....	EA	1
9	3	XAOZZ		M453A	11568	SPRING .....	EA	1
9	4	XAOZZ		M1102	11568	DISC .....	EA	1
9	5	XAOZZ		MI100	11568	SEAT .....	EA	1
9	6	XAOZZ		M1099	11568	GUIDE .....	EA	1
9	7	XAOZZ		M1875	11568	BODY .....	EA	1

SECTION IV  
NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4910-00-030-2365	8	14	5330-00-450-4130	5	38
5305-00-045-1988	5	36	5360-00-530-4936	3	3
5305-00-068-0506	1	3	5310-00-582-5965	1	2
5305-00-068-0506	4	4	5310-00-582-5965	4	2
5305-00-071-1776	6	7	5330-00-585-4283	6	39
5310-00-081-4219	1	7	5330-00-585-9950	6	43
5310-00-081-4219	2	20	5360-00-616-4373	6	26
5930-00-087-4027	3		4310-00-625-6747	6	30
5310-00-087-7493	5	5	4310-00-631-3396	5	35
3110-00-100-0516	6	46	4310-00-631-3396	7	
3110-00-100-3150	6	45	4310-00-631-3397	5	34
4730-00-103-5461	8	5	4310-00-631-3397	7	
4310-00-151-6876	6	28	5310-00-637-9541	5	
5315-00-168-2969	6	34	4310-00-649-8398	6	49
4310-00-195-5708	5	32	5310-00-655-9544	5	1
3110-00-198-1050	6	27	3120-00-679-3381	6	14
4310-00-204-9681	5	15	5305-00-710-4190	6	36
5310-00-224-0765	5	3	6110-00-722-5244	4	
5310-00-224-0772	5	2	5310-00-732-0558	5	4
5305-00-225-8499	2	21	5360-00-756-9452	3	10
5310-00-230-7342	6	33	5310-00-761-6882	1	1
5310-00-237-6749	6	37	5310-00-761-6882	4	1
4730-00-242-5373	5	26	5310-00-768-0318	6	6
5305-00-269-3211	6	41	5930-00-772-6081	3	2
5305-00-269-3214	5	6	4310-00-773-7986	6	50
5305-00-269-3215	5	24	5340-00-805-0825	3	9
5305-00-269-3215	5	25	5310-00-823-8804	1	4
5305-00-269-3215	5	30	5310-00-823-8804	4	3
5305-00-269-3215	5	31	4820-00-849-1220	8	19
4730-00-270-6113	8	7	5360-00-850-5541	6	32
4730-00-277-9741	8	4	4730-00-850-7471	8	3
4310-00-283-3288	5	29	4730-00-850-7971	5	8
4820-00-287-2199	8	1	4730-00-850-7971	8	6
5305-00-331-4856	5	23	4730-00-851-6259	5	9
4130-00-351-7387	5	16	2990-00-863-0926	6	38
6680-00-377-4915	6	5	4720-00-874-3179	8	15
5310-00-407-9566	1	6	5310-00-880-7744	1	5
5310-00-407-9566	2	19	5310-00-880-7744	2	18
6685-00-425-2373	8	20	4310-00-884-4582	6	31
4310-00-430-3488	5	7	6110-00-887-5005	3	11

SECTION IV  
NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4310-00-896-5984	6	21	5305-01-015-3345	2	1
4310-00-999-8670	5	10	6110-01-021-2636	4	14
5310-01-005-4336	5	13	5360-01-040-3845	3	8
5305-01-011-3072	5	11	5305-01-042-2554	3	4

**SECTION IV  
NATIONAL STOCK NUMBER AND PART NUMBER INDEX**

<u>Part Number</u>	<u>FSCM</u>	<u>Fig. No.</u>	<u>Item No.</u>
A203B24C1	30086	4	
A63	24161	1	13
C145TI7DBIOA-FS	56065	2	15
C145T17DB10A-RS	56065	2	13
C147T17DB10A	56065	2	
DD	21736	8	
D10037-1	23826	3	9
D10456-1	23826	3	13
D1366-1	23826	3	12
D1673-1	23826	3	7
D274-1	23826	3	2
D276-1	23826	3	8
D317-2	23826	3	11
D323-1	23826	3	4
D357-1	23826	3	10
D467-1	23826	3	3
D9078-1	23826	3	14
D9096-1	23826	3	5
D9271-15	23826	3	15
D9935-1	23826	3	6
D9943-10	23826	3	1
E11ESS	30086	4	18
E20COL1	30086	4	16
FIG112C	75336	8	1
F11NOC	30086	4	17
G 10C246	30086	4	14
G203B	30086	4	12
G213C	30086	4	11
G223C	30086	4	13
G30T37	30086	4	15
RE10-100A	11568	6	29
RE10-2E	11568	5	31
RE 10-37	11568	6	14
RE 10-59	11568	7	24
RE 10-62	11568	7	10
RE10-62	11568	7	18
RE 10-99	11568	8	5
RE14-58	11568	7	4
RE 14-70	11568	7	3
RE14-71A	11568	7	2

**SECTION IV**  
**NATIONAL STOCK NUMBER AND PART NUMBER INDEX**

<u>Part Number</u>	<u>FSCM</u>	<u>Fig. No.</u>	<u>Item No.</u>
RE36-10D	11568	6	
RE4-12A	11568	5	7
RE7-14	11568	6	5
RE7-56A	11568	7	9
RE7-57A	11568	7	20
RE7-60	11568	7	11
RE7-60	11568	7	17
R10B	11568	5	
R10-10A	11568	6	
R10-10B	11568	6	
R10-102	11568	6	11
R10-21	11568	6	12
R10-21	11568	6	19
R10-24	11568	6	15
R10-4	11568	6	20
R10-5	11568	6	44
R10B2	11568	5	25
R14-10D	11568	6	
R15-10A	11568	6	
R15-10B	11568	6	
R15-4	11568	6	13
R30-24	11568	6	17
R610-61	11568	7	25
M1027B	11568	8	18
M1029B	11568	8	13
M1046	11568	6	22
M1058	11568	8	21
M1099	11568	9	6
M1000	11568	9	5
M1102	11568	9	4
M1122	11568	7	8
M1122	11568	7	15
M1296	11568	8	10
M1318	11568	8	17
M1460	11568	5	4
M1581	11568	6	18
M1582	11568	6	16
M1583	11568	6	10
M1606	11568	4	10
M1629	11568	8	11
M1668	11568	9	1

**SECTION IV**  
**NATIONAL STOCK NUMBER AND PART NUMBER INDEX**

<u>Part Number</u>	<u>FSCM</u>	<u>Fig. No.</u>	<u>Item No.</u>
M1711	11568	5	21
M1712	11568	5	13
M1737	11568	5	22
M1737	11568	5	28
M1757	11568	4	6
M1820	11568	6	48
M1875	11568	9	7
M2097	11568	7	26
M2098	11568	7	5
M2099	11568	7	23
M2100	11568	7	16
M2101	11568	7	12
M30A	11568	5	14
M31A	11568	5	19
M32A	11568	5	20
M432	11568	5	11
M453A	11568	9	3
M458	11568	2	21
M459	11568	6	3
M461	11568	6	1
M465	11568	6	6
M466	11568	6	37
M472	11568	6	41
M492	11568	6	2
M504	11568	6	4
M519C	11568	8	20
M5207C	11568	2	2
M523	11568	8	16
M54C	11568	5	18
M568	11568	2	1
M62	11568	5	17
M673	11568	5	16
M674	11568	5	15
M696	11568	1	3
M696	11568	4	4
M738	11568	6	7
M811	11568	8	22
M817	11568	5	36
M835	11568	8	23
M854	11568	1	10
M855	11568	1	8

**SECTION IV**  
**NATIONAL STOCK NUMBER AND PART NUMBER INDEX (Cont)**

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M856	11568	1	9
M905A	11568	1	4
M905A	11568	4	3
M909A	11568	5	1
M912A	11568	1	7
M912A	11568	2	20
M912A	11568	6	33
M913A	11568	1	6
M913A	11568	2	19
M914A	11568	5	2
M919A	11568	1	2
M919A	11568	4	2
M935A	11568	1	5
M935A	11568	2	18
M939A	11568	1	1
M939A	11568	4	1
M944A	11568	5	24
M944A	11568	5	29
M97A	11568	6	23
M98A	11568	6	24
M982B	11568	8	12
M998B	11568	8	2
NR1H	11568	8	8
NR101	11568	6	25
NR104	11568	6	40
NR14-6A	11568	5	37
NR2B	11568	5	29
NR29A	11568	5	38
NR7A	11568	6	8
NR80A	11568	6	42
P3831A	11568	9	2
P4134A	11568	7	6
P4135A	11568	7	21
P4135A	11568	7	27
P4137A	11568	7	7
P4137A	11568	7	14
P4346A	11568	4	7
P4543A	11568	7	22
P4544A	11568	7	1
P4640A	11568	4	9

**SECTION IV**  
**NATIONAL STOCK NUMBER AND PART NUMBER INDEX (Cont)**

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P4644D	11568	8	25
P4645A	11568	8	24
SB250A	11568	5	10
SE14-30	11568	6	43
SE14-30A	11568	6	43
SE14-30B	11568	6	43
SE14-30C	11568	6	43
SE14-89	11568	6	39
SE5-2B	11568	5	23
SE5-41	11568	5	5
SE5-41	11568	8	3
SE5-41	11568	8	6
SE5-42	11568	5	6
SE5-42	11568	8	4
SE5-42	11568	8	7
SE5-8	11568	6	9
SE5-82	11568	6	35
SE5-83B	11568	6	38
SE14-84	11568	6	28
SE5-86B	11568	6	30
SE5-87	11568	6	31
SE5-88	11568	5	3
SE5-90	11568	6	32
SE5-91	11568	6	26
SE5-92A	11568	6	34
SE5-94	11568	6	36
SE5-95	11568	6	27
UB375	11568	5	27
Z113	11568	5	34
Z113	11568	7	
Z115	11568	5	35
Z 115	11568	7	
Z179C	11568	6	50
Z189B	11568	6	49
Z307	11568	1	12
Z307-1	11568	1	11
Z499	11568	5	9
Z509	11568	5	26
Z513	11568	5	8
Z538A	11568	8	15



**SECTION IV**  
**NATIONAL STOCK NUMBER AND PART NUMBER INDEX (Cont)**

<u>Part Number</u>	<u>FSCM</u>	<u>Fig. No.</u>	<u>Item No.</u>
Z57C	11568	8	9
Z57C	11568	9	
Z60A	11568	6	21
Z66A	11568	5	12
Z812	11568	5	32
Z812	11568	7	
Z813	11568	5	33
Z813	11568	7	
002000-03	56065	2	10
002003-05	56065	2	12
003202-01	56065	2	16
003204-01	56065	2	17
003507-01	56065	2	14
003701-01	56065	2	8
003801-02	56065	2	4
004300-05	56065	2	6
004301-01	56065	2	9
006002-01	56065	2	3
006028-01	56065	2	11
021200-01	56065	2	5
021202-05	56065	2	7
12575PSI	75336	5	39
14TWX32	11568	4	5
14TWX37	11568	4	8
14138A	60038	6	45
14276	60038	6	46
1825A	92976	8	19
212112DSTYLE1	80201	6	47
2203TYPEA	79150	7	13
2203TYPEA	79150	7	20
601	94894	8	
61J21506	94894	8	14
610	94894	8	
648	94894	8	
69HA1	23826	3	

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## The Metric System and Equivalents

### Linear Measure

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

### Weights

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

### Liquid Measure

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

### Square Measure

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

### Cubic Measure

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

## Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

## Temperature (Exact)

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