

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

FIELD AND DEPOT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOL LISTS

LUBRICATING AND SERVICING UNIT,
POWER OPERATED SKID MOUNTED;
15 CFM COMPRESSOR, GASOLINE DRIVEN;
WINTERIZED (GRAY MODEL 250-530)
FSN 4930 620-0906

HEADQUARTERS, DEPARTMENT OF THE ARMY

20 MARCH 1963

TECHNICAL MANUAL }
 No. 5-4930-202-35P

HEADQUARTERS,
 DEPARTMENT OF THE ARMY
 WASHINGTON 25, D.C., 20 March 1963

FIELD AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LISTS

**LUBRICATING AND SERVICING UNIT, POWER OPERATED: SKID MOUNTED;
 15 CFM COMPRESSOR, GASOLINE DRIVEN; WINTERIZED (GRAY MODEL
 250-530) FSN 4930-620-0906**

SECTION		<i>Paragraph</i>	<i>Page</i>
I.	INTRODUCTION		
	General.....	1	iii
	Explanation of repair parts and tool lists.....	2	iii
	Federal stock numbers and manufacturers' part numbers	3	vi
	Comments and suggestions	4	vii
	Abbreviations.....	5	vii
	Federal supply code for manufacturers	6	vii
II.	REPAIR PARTS LISTS		
GROUP	01. Engine:		
	0100 Engine assembly.....		1
	0101 Crankcase, block, cylinder head.....		1
	0102 Crankshaft		3
	0104 Pistons, connecting rods		5
	0105 Valves, camshafts and timing systems.....		5
	0108 Engine lubrication system		9
	0110 Manifolds		10
	0114 Engine starting system		12
	02. Clutch:		
	0200 Clutch assembly.....		12
	0201 Clutch disks and plates		12
	0202 Clutch release mechanism		14
	03. Fuel System:		
	0301 Carburetor.....		14
	0302 Fuel pumps.....		16
	0304 Air cleaner		16
	0306 Tanks, lines, fittings		16
	0308 Engine speed governor		18
	0309 Fuel filters.....		20
	0312 Throttle or choke controls.....		20
	04. Exhaust System:		
	0401 Muffler and pipes		20
	05. Cooling System:		
	0502 Cowling, deflectors, air duct, shroud.....		22

*** This manual supersedes TM 5-4930-202-35P, 14 August 1959.**

	<i>Page</i>
06. Electrical System:	
0602 Generator regulator.....	23
0603 Starter.....	23
0604 Ignition components.....	26
0607 Instrument or engine control panel.....	29
0612 Batteries, storage, wet or dry.....	31
0615 Radio interference suppression.....	34
15. Frame:	
1501 Frame assembly.....	34
17. Body:	
1708 Stowage racks, boxes, straps, carrying cases, hose reels.....	34
1712 Special purpose bodies.....	39
22. Accessory Items:	
2202 Accessory items.....	39
2207 Winterization equipment.....	41
2210 Data plates.....	53
26. Accessories, Publications, and Tools:	
2602 Accessories.....	54
47. Gages and Measuring Devices:	
4702 Gages, mountings, lines and fittings.....	57
4705 Regulators.....	58
50. Pneumatic Equipment:	
5000 Air compressor -assembly.....	58
5001 Crankcase, block, cylinder head.....	62
5002 Crankshaft.....	62
5003 Flywheel assembly.....	62
5004 Pistons, connecting rods.....	62
5005 Valves.....	64
5006 Lubrication system.....	64
5007 Compressor drive.....	65
5008 Air intake.....	65
5009 Unloader system components.....	65
5010 Compressor cooling.....	69
5012 Throttling devices.....	69
5014 Air receiver.....	72
5015 Air discharge system.....	72
72. Servicing Equipment:	
7201 Lubricating equipment.....	76
7202 Pumps and meters.....	80
7203 Valves; fittings.....	88
76. Fire Fighting Equipment:	
7603 Fire extinguishers.....	93
95. General Use Standardized Parts:	
9501 Bulk material.....	93
99. Parts Peculiar:	
9901 Parts peculiar with more than one application.....	93
SECTION III. SPECIAL TOOLS	
GROUP 26. Accessories, Publications, and Tools:	
2604 Special tools.....	94
FEDERAL STOCK NUMBER AND PART NUMBER INDEX.....	95

SECTION I

INTRODUCTION

1. General

a. This manual lists repair parts and special tools for field and depot maintenance. It indicates the guide quantity factors to be used for initial repair parts stockage by field maintenance (3d and 4th echelons), and recommends quantities of repair parts for depot maintenance (5th echelon). Information and data contained herein serve as requisitioning reference material, and as a guide to determine stockage quantities of repair parts.

b. Price information for stock-type repair parts may be obtained from applicable Department of the Army type-2 series supply manuals.

c. Repair parts lists are arranged as follows:

- (1) Individual parts and major assemblies are listed alphabetically by item name within the functional groups.
- (2) Assembly components and subassemblies are indented and listed alphabetically by item name under major assemblies.
- (3) Bulk material and parts peculiar with more than one application are listed in either functional group 9501 or 9901.

d. Allowances are based on 2,000 hours operation per year.

2. Explanation of Repair Parts and Tool Lists

a. *Source Codes.* This column is subdivided into four columns. The titles and information provided in each column are as follows:

(1) *Technical service.* This column lists either the basic number of the technical service or code symbol of the supply center assigned supply responsibility for the part. Blank spaces denote Corps of Engineers supply responsibility. General Engineer supply parts are identified by the letters "GE" in parentheses, following the nomenclature in the description column. Other technical service basic numbers or supply center code symbols are:

3-Chemical Corps
9-Ordnance Corps
10-Quartermaster Corps
11-Signal Corps
55-Transportation Corps

(2) *Source.* The selection status and source of supply for each part are indicated by one of the following code symbols:

- (a) P--applied to high-mortality repair parts which are stocked in or supplied from the technical service depot system and authorized for use at indicated maintenance echelons.
- (b) P1--applied to repair parts which are low-mortality parts, stocked in or supplied from technical service depots, and authorized for installation at indicated maintenance echelons.
- (c) M--applied to repair parts which are not procured or stocked but are to be manufactured at indicated maintenance echelons.
- (d) A--applied to assemblies which are not procured or stocked as such but made up of two or more units, each of which carry individual stock numbers and descriptions and are procured and stocked and can be assembled by units at indicated maintenance echelons.
- (e) X--applied to parts and assemblies which are not procured or stocked, the mortality of which is normally below that of the applicable end item, and the failure of which should result in retirement of the end item from service.
- (f) X1--applied to repair parts which are not procured or stocked, the requirement for which will be

supplied by use of next higher assembly or component.

- (g) X2--applied to repair parts which are not stocked. The indicated maintenance echelon requiring such repair parts will attempt to obtain them through cannibalization; if not obtainable through cannibalization, such repair parts will be requisitioned with supporting justification through normal supply channels.
- (h) C--applied to repair parts authorized for local procurement. If not obtainable from local procurement, such repair parts will be requisitioned through normal supply channels with a supporting statement of nonavailability from local procurement.
- (i) G--applied to major assemblies that are procured with PEMA (Procurement Equipment Missile Army) funds for initial issue only to be used as exchange assemblies at field maintenance level. These assemblies will not be stocked above field maintenance level or returned to depot supply level.
- (j) Z--applied to obsolete repair parts no longer stocked or procured.

(3) *Maintenance.*

- (a) The lowest maintenance echelon authorized to install or manufacture the part is indicated by one of the following code symbols:
 - O--Organizational Maintenance
(1st and 2d echelons)
 - F--Field Maintenance
(3rd echelon)
 - H--Field Maintenance
(4th echelon)
 - D--Depot Maintenance
(5th echelon)

(b) This column is left blank when components of kits or sets are listed that are not applicable to the item of equipment, or when an item is source coded X1.

(4) *Recoverability.* Repair parts that are recoverable are indicated by one of the following code symbols:

(a) R--applied to repair parts and assemblies which are economically repairable at field maintenance activities (3d and 4th echelons) and are normally furnished by supply on an exchange basis. Items that can be economically repaired are considered nonexpendable.

(b) T--applied to high-dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts are normally repaired or overhauled at depot maintenance activities.

(c) U--applied to repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, high-dollar value reusable casings, castings, and the like.

Note.

When no code is shown in the recoverability column the part is considered expendable.

b. Federal Stock Numbers. The Federal stock number for a part, will be shown in this column and will be used for requisitioning purposes.

c. Description.

(1) The item name and a brief description of the part are shown.

(2) A five-digit Federal supply code for manufacturers and/or other technical services is shown in parentheses, followed by the manufacturer's part number. This number will be used for requisitioning purposes when no Federal stock number is indicated in the Federal Stock Number column.

Example: (08645) 86453.

(3) Repair part quantities included in kits, sets, and assemblies, that differ from the actual quantity used in this specific end item, are listed in parentheses.

- (4) When repair parts are source coded "C," the manufacturer's part number will be used for local procurement.

d. *Unit of Issue.* Where no abbreviation is shown in this column, the unit of issue is "each."

e. *Quantity Incorporated in Unit.* The actual number of parts used in the application indicated is shown in this column. A zero (0) is shown when components of kits or sets are listed that are not applicable to this specific end item.

f. *Guide Quantity Per 100 Equipments.*

Shown for each repair part applicable to 3d, 4th, and/or 5th echelon maintenance is either an allowance factor or an asterisk allocation which indicates the following:

- (1) A guide quantity factor is shown for each part authorized to be stocked by field maintenance and supply support activities (3d and 4th echelons), and the number of repair parts recommended for depot maintenance (5th echelon). This factor is based on the latest mortality data for 2,000 hours operation per year and is the average quantity required by the various maintenance echelons to provide maintenance and supply support for 100 items of equipment for a 15-day period under average combat conditions.
- (2) The quantities of repair parts authorized for stockage are determined by using the following mathematical formula:

Quantity of equipment to be supported, multiplied by the listed allowance factor, divided by 100.

Fractions derived from the use of the above formula will be rounded to whole numbers as follows:

If the result is 1 or more and includes a fraction that is 0.5 or more, the quantity is rounded to the next higher number.

Example: If the number of equipment supported is 30 and the allowance factor for 100 equipments is 5, the following formula would be used:

$$30 \times 5 \div 100 = 1.5$$

The resulting fraction is 1.5; therefore, the stockage is 2. If the result is 1 or more and includes the fraction of less than 0.5, the quantity reverts to the next lower number. If the result is less than 0.5, no quantity is authorized. However, if the item is combat essential, a quantity of 1 is authorized.

Example: If the number of equipment supported is 30 and the allowance factor for 100 equipments is 28, the following formula would be used:

$$30 \times 28 \div 100 = 8.4$$

The resulting fraction is less than 0.5; therefore, the stockage is 8.

- (3) In the guide quantity columns for field maintenance, additional repair parts which may be required to perform maintenance, but not authorized for stockage, are listed without a guide quantity factor. These items are identified by an asterisk and are to be requisitioned for immediate use only.
- (4) Parts that may be required for depot maintenance, in addition to those allocated are identified by an asterisk. These parts are to be requisitioned, when required, if not obtainable from reclamation, fabrication, or local procurement.
- (5) Combat essential items of a critical nature which must be stocked at field maintenance at all times, regardless of demand will be identified in the allowance column by inclosing the allowance factor in parentheses. Parts authorized for use but not for initial stockage will be identified with an asterisk in the allowance column.

g. *Field Maintenance 15-Day Level, 3d and 4th Echelons.*

- (1) *Third echelon.* This column lists the initial guide quantity allowance factors of repair parts authorized for initial stockage by Engineer Field Maintenance Shops (non-TOE), Engineer Field Maintenance

Companies, Direct Support (TOE 5-237), and similar TOE units to provide 3d echelon maintenance for Mobility Command equipment and to provide organizational maintenance repair parts for supported units for a 15-day period. Additional repair parts are allocated by an asterisk for immediate use only. Upon establishment of supply records, recorded demand experience will be used to compute stockage objectives on authorized repair parts. Review of stockage objectives will be performed in the time cycle prescribed by major commanders. Repair parts allocated for immediate use only may be stocked when demand experience indicates a stockage of at least one.

- (2) *Fourth echelon.* This column lists initial guide quantity allocation factors of repair parts authorized for initial stockage by Engineer Field Maintenance Shops (non-TOE), Engineer Heavy Maintenance Companies (TOE 5-278), and similar TOE units to provide 4th echelon maintenance for Mobility Command equipment for a 15day period. Additional repair parts are allocated by an asterisk for immediate use only. Upon establishment of supply records, recorded demand experience will be used to compute stockage objectives on authorized repair parts. Review of the stockage objectives will be performed in the time cycle prescribed by major commanders. Repair parts allocated for immediate use only may be stocked when demand experience indicates a stockage objective of at least one.
- (3) *Units with TOE capability of performing partial or complete field maintenance for organic Mobility Command equipment.* Units organized under TOE's 5-114, 5-115, 5-117, 5129, and similar TOE's with the TOE capability of performing partial or complete field maintenance for organic Mobility Command equipment will be authorized to stock 3d and/or 4th echelon Repair parts only when specific

agreements are made between the Commander of the designated Engineer Parts Supply Activity, normally Direct Support Units (DSU) and using unit. Parts so furnished are in addition to the prescribed load and will be adjusted as demands indicate.

- (4) *Units with TOE Mission to provide maintenance for Mobility Command equipment of supported units.* Units organized under TOE's such as 5-214 and 5-500 with the assigned mission to provide field maintenance for Mobility Command equipment of supported units are authorized to stock 3d and 4th echelon repair parts. These repair parts will be issued from the appropriate parts supply activity (parts depot and/or DSU). Such stockage is in addition to the prescribed load and will be adjusted as demands indicate.

h. Depot Maintenance, 5th Echelon. This column lists the quantity of repair parts recommended for Engineer Depot Maintenance Shops (non-TOE) to provide depot maintenance for 100 equipments. Additional repair parts are allocated by an asterisk, for immediate use only. Explanation of the asterisk allowance is contained in *f* above.

i. Illustrations. This column is subdivided into two columns as follows:

- (1) *Figure number.* Indicates the number of the illustration in which the part is shown.
- (2) *Item number.* Indicates the reference number used to point out the part in the illustration.

3. Federal Stock Numbers and Manufacturers' Part Numbers

Listed alpha-numerically in the back of this manual are the requisitioning numbers shown in the Federal Stock Number and/or description column. The alphabetical 0 is listed as a numerical 0 (zero). This index also lists manufacturers' codes (as applicable) and page numbers.

Example of index sequence:

A	BX5-27	38.50
AA	T295	3838-141-4957
A1/2X3	0124	3885 212
A1-950	1-77	389/100.2
A1A22	2530-048-7342	389/100-18
B	2815-097-5429	3895-128-7642

4. Comments and Suggestions

Report all deficiencies in this manual on DA Form 2028. Submit recommendations for changes, additions, or deletions to repair parts allocation and allowance factors and other data. Additional data on climatic and terrain conditions of operation, operational age of the equipment, and the hours operated in the period covered by item 7 of DA Form 2028 are desired. Submit to the Commanding Officer, U.S. Army Mobility Support Center, ATTN: SMOMS-MS, P. O. Box 119, Columbus 16, Ohio. Direct communication is authorized.

5. Abbreviations

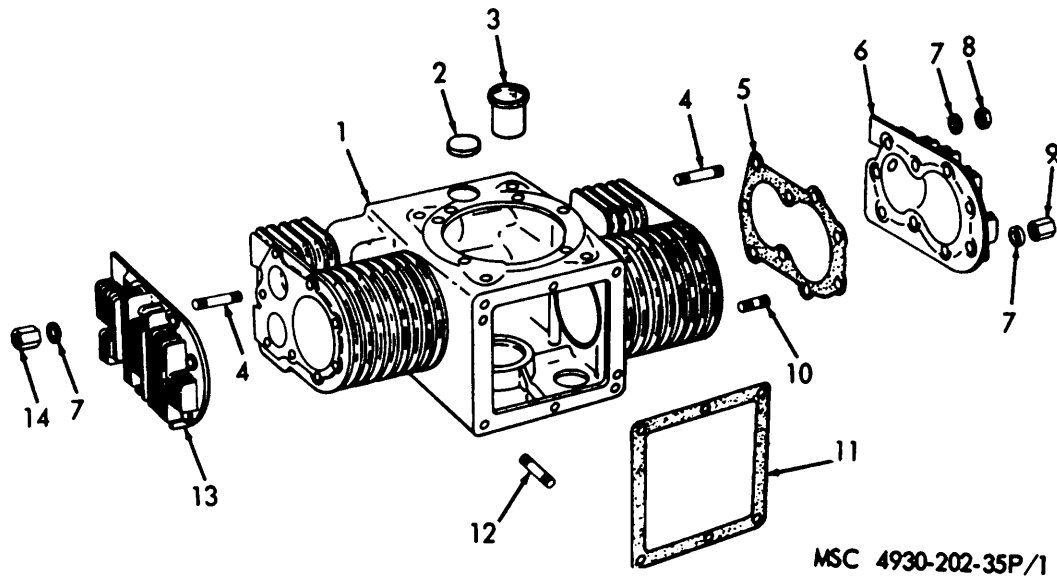
cont	continued
deg	degree (s)
dia	diameter
ft	foot (feet)
gal	gallon (s)
in.	inch (es)
lbs	pound (s)
lg	long (length)
lh	left hand
mtg	mounting (s)
neg	negative
No.	number
NPT	National Pipe Thread
pos	positive
pt	pint
qt	quart (s)
rh	right hand
rl	roll (s)
thd	thread (s) (ed)
w	wide (width)
w/	with
yd	yard (s)

6. Federal Supply Code for Manufacturers

00736	Air-Maze Division of Rockwell Standard Corp.
01428	Superior Ball Joint Corp.
11583	Champion Spark Plug Co.
18265	Donaldson Co., Inc.

19728	Electric Auto-Lite Co.
21760	Federal Bearings Co., Inc.
24123	Gast Mfg. Corp.
25980	Gray Co., Inc.
29337	Hoover Ball and Bearing Co.
30327	Imperial-Eastman Corp.
35311	Letourneau-Westinghouse Co.
43334	New Departure Division of General Motors Corp.
44940	Onan Division of Studebaker-Packard Corp.
45722	Parker Kalon Division of General American Transportation Corp.
46522	Perfection Industries, Inc.
51240	American-Standard Controls Division of American Radiator and Standard Sanitary Corp.
55168	Skinner Purifiers, Inc.
59875	Thompson Ramo Wooldridge, Inc.
60038	Timken Roller Bearing Co.
60380	Torrington Co., The
60427	Tower Mfg. Corp.
70434	Anchor Coupling Co., Inc.
73287	Hubbard, M.D., Spring Co.
76680	National Seal Division of Federal Mogul-Bower Bearings, Inc.
77220	Perfect Circle Co., The
77873	Rockford Clutch Division of Borg-Warner Corp.
78189	Shakeproof Division of Illinois Tool Works
78480	Tillotson Mfg. Co., The
78553	Tinnerman Products, Inc.
78990	Universal Oil and Seal Co.
79136	Waldes Kohinoor, Inc.
79150	Victor Mfg. and Gasket Co.
79470	Weatherhead Co., The
80201	Chicago Rawhide Mfg. Co.
81118	Eaton Mfg. Co.
81646	Ideal Corporation
82796	Fairbanks Morse and Co. Beloit Works Division
87979	Trostel, Albert, and Sons Co.
88044	Aeronautical Standards Group, Departments of Navy and Air Force
89463	Beach Air Brush Co.
92578	Penn Controls, Inc.
95879	Alemite Division of Stewart Warner Corp.
97167	Wayne Pump Co.
97464	Industrial Retaining Ring Co.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
SECTION II. REPAIR PARTS LIST														
GROUP 01 - ENGINE														
0100 - ENGINE ASSEMBLY														
	P1	F	R	2805-791-1383	ENGINE: gasoline, ONAN Model ACK MF/515D, Military Specification MIL E 11275B (44940) ACKMF/515D			1	*	*	5	1		
	P	0		2805-801-3731	GASKET SET: engine overhaul (44940) 168K52			1	8	*	100			
	X1				GASKET: breather valve (44940) 123A352			1	See Group	0108	See Group 0108			
	X1			5330-354-3138	GASKET: carburetor mtg (44940) 141A281			1	See Group	0301	See Group 0301			
	X1			2805-358-2667	GASKET: cylinder head (44940) 110A697			2	See Group	0101	See Group 0101			
	X1				GASKET: fuel pump mtg (44940) 149A3			2	See Group	0302	See Group 0302			
	X1				GASKET: gear cover (44940) 103898			1	See Group	0105	See Group 0105			
	X1			2805-699-6885	GASKET: Intake manifold (44940) 154A13			2	See Group	0110	See Group 0110			
	X1			5330-321-7542	GASKET: magneto bracket (44940) 160B386			1	See Group	0604	See Group 0604			
	X1			2920-695-4767	GASKET: magneto mtg (44940) 12094			1	See Group	0604	See Group 0604			
	X1			2805-423-0363	GASKET: muffler (44940) 154A22			2	See Group	0401	See Group 0401			
	X1				GASKET: oil base (44940) 102B158			1	See Group	0108	See Group 0108			
	X1			2805-358-2668	GASKET: oil pump mtg (44940) 120A192			1	See Group	0108	See Group 0108			
	X1			2805-358-2666	GASKET: valve cover (44940) 110A667			2	See Group	0105	See Group 0105			
	X1			5330-429-2505	GASKET: valve guide (44940) 110A68			2	See Group	0105	See Group 0105			
	X1			2805-515-2465	GASKET SET: bearing plate (44940) 101IK115			1	See Group	0102	See Group 0102			
	X1			5330-429-2536	WASHER: oil filler cap (44940) 123A191			1	See Group	0108	See Group 0108			
	X2	F		5340-796-1316	MOUNT: resilient (25480) 161-831			2	*	*	*	8	11	
	X2	F		5310-266-0387	NUT: engine mtg (25980) 100-321			4	*	*	*	8	4	
	X2	F		5305-012-2433	SCREW: engine mtg (25980) 100-017			4	*	*	*	8	12	
	X2	F		5305-017-9843	SCREW: engine mtg			4	*	*	*	8	8	
9	X2	F		5310-017-8532	WASHER: engine mtg (25980) 101-439			4	*	*	*	8	10	
9	X2	F		5310-017-8591	WASHER: engine mtg (25980) 101-441			4	*	*	*	8	5	
9	X2	F		5310-582-5977	WASHER: engine mtg (25980) 100-132			4	*	*	*	8	9	
0101 - CRANKCASE, BLOCK, CYLINDER HEAD														
	X2	H		2805-695-4841	ENGINE BLOCK ASSEMBLY: gasoline (44940) 110K718			1		*	*	1	1	
	P1	H		2805-358-2101	BEARING: camshaft (44940) 101A49			2	See Group	0105	See Group 0105			
	X1			5330-429-2505	GASKET: valve guide (44940) 110A68			2	See Group	0105	See Group 0105			
	P	F		2805-358-2673	GLIDE: valve (44940) 110A443			4	See Group	0105	See Group 0105			
	P1	F		2805-328-6794	INSERT: valve seat, exhaust (44940) 110A245			2	See Group	0105	See Group 0105			
	P1	F		2805-304-9440	INSERT: valve seat, intake (44940) 110A616			2	See Group	0105	See Group 0105			
	X2	H		5310-356-3036	NUT: bearing plate (44940) 110A445			5		*	*	2	13	
9	X2	H		5315-014-1226	PIN: gear cover locating (44940) 516A11			2		*	*	6	19	
	X2	H		5315-493-7116	PIN: magneto bracket (44940) 516A12			2		*	*			
	P	H		2805-623-3148	PLATE: rear bearing (44940) 101C258			1	See Group	0102	See Group 0102			

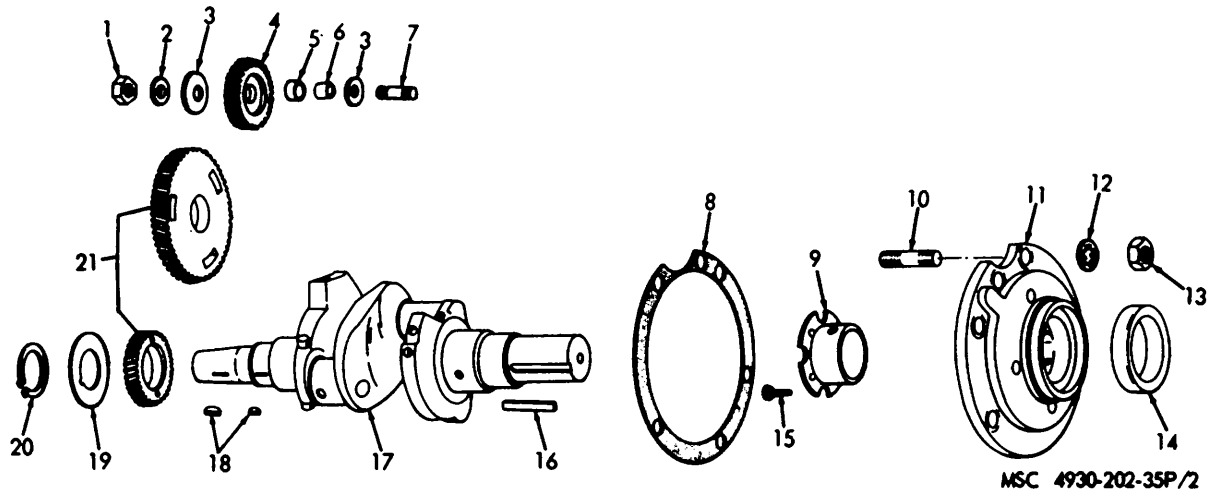


MSC 4930-202-35P/1

Figure 1. Cylinder Block and Heads.

INDEX TO PARTS, FIGURE 1

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0101	ENGINE BLOCK AY	6	0101	HEAD	11	0106	GASKET
2	0101	PLUG	7	0101	WASHER	12	0101	STUD
3	0105	BEARING	8	0101	NUT	13	0101	HEAD
4	0101	STUD	9	0101	NUT	14	0101	NUT
5	0101	GASKET	10	0101	STUD			



MSC 4930-202-35P/2

Figure 2. Crankshaft and Timing Gears.

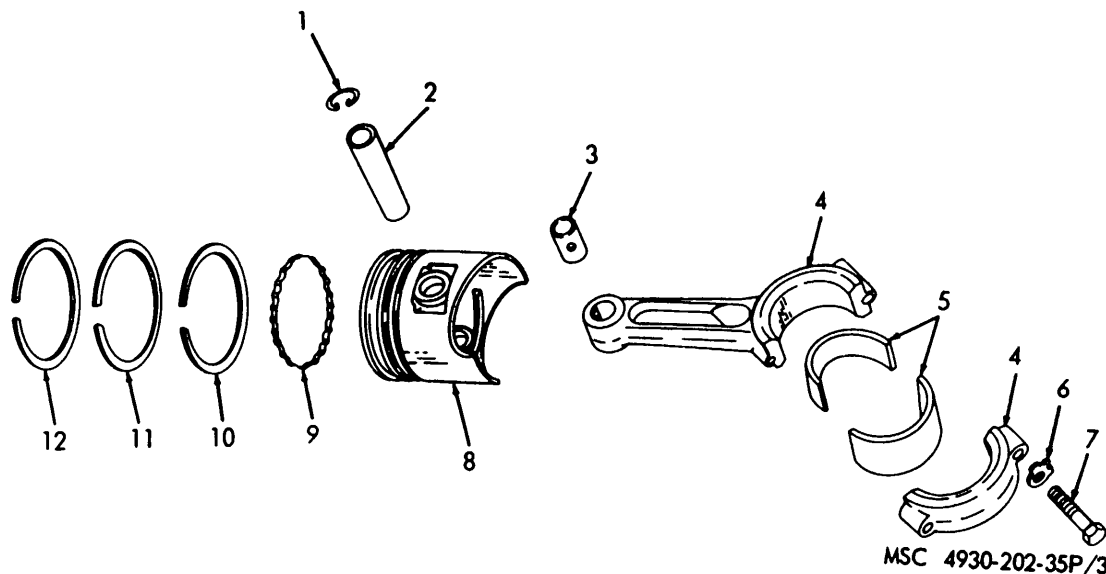
INDEX TO PARTS, FIGURE 2

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0105	NUT	8	0102	GASKET	15	0102	SCREEN
2	0105	WASHER	9	0102	REPAIR KIT	16	0102	KEY
3	0105	WASHER	10	0101	STUD	17	0102	CRANKSHAFT
4	0105	GEAR	11	0102	PLATE	18	0102	KEY
5	0105	BEARING	12	0101	WASHER	19	0102	WASHER
6	0105	BEARING	13	0101	NUT	20	0102	RING
7	0105	STUD	14	0102	SEAL	21	0105	GEAR SET

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
					0101 - CRANKCASE, BLOCK, CYLINDER HEAD (cont)				100 EQUIPMENTS					
	X2	H			PLUG, EXPANSION (73287) 23C3			1		*	*	1	2	
	P	H		2805-699-6860	REPAIR KIT: crankshaft bearing (44940) 101K11			2	See Group	0102	See Group 0102			
	X2	H		5307-493-7156	STUD: gear cover (44940) 520A115			1		*	*			
	X2	H		5307-627-3141	STUD: gear cover (44940) 520A9			4		*	*	6	18	
	X2	H		5307-493-7159	STUD: gear covers (44940) 520A124			1		*	*	6	8	
	X2	H		5307-358-3557	STUD: magneto bracket (44940) 520A11			2		*	*			
9	X2	H		5307-044-6550	STUD: oil base			4		*	*	1	12	
	X2	H		5307-493-7155	STUD: rear plate and clutch (44940) 520A114			9		*	*	2	10	
9	X2	H		5307-254-0779	STUD: valve box cover			2		*	*			
9	X2	H		5307-014-8090	STUD, CYLINDER HEAD (44940) 520A423			8		*	*	1	10	
	X2	H		5307-261-0412	STUD, CYLINDER HEAD (44940) 520A424			10		*	*	1	4	
	X2	H		5310-013-8538	WASHER: bearing plate (44940) 854-17			5		*	*	2	12	
	X1			2805-358-2667	GASKET: cylinder head (44940) 110A697 (Component of GASKET SET. Stock No. 2805-801-3731, See Group 0100)			2		*	*	1	5	
	P1	0		2805-358-2847	HEAD: No. 1 cylinder (44940) 110C603			1	*	*	5	1	13	
	P1	0		2805-695-4761	HEAD: No. 2 cylinder (44940) 110C604			1	*	*	5	1	6	
	X2	0		5310-333-7388	NUT: cylinder head (44940) 110A254			2	*	*	*	1	9	
	X2	0		5310-358-3031	NUT: cylinder head (44940) 110A244			2	*	*	*	1	14	
	X2	0		5310-358-3036	NUT: cylinder head (44940) 110A445			14	*	*	*	1	8	
	X2	0		5310-696-5678	WASHER: cylinder head (44940) 526A122			18	*	*	*	1	7	
					0102 - CRANKSHAFT									
	P1	H		2805-785-0616	CRANKSHAFT (44940) 104D361			1		*	5	2	16	
	X1			2805-515-2465	GASKET SET: bearing plate (44940) 101K115 (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100)			1						
	X1				GASKET: bearing plate (44940) 1011B40			1				2	8	
	X1				GASKET: bearing plate (44940) 101B41			1				2	8	
	X2	H		5315-054-2683	KEY: clutch to engine (44940) 515A110			1		*	*	2	15	
9	X2	H		5315-715-1699	KEY: crankshaft gear (44940) 515-1			2		*	*	2	17	
	P	H		2805-623-3148	PLATE: rear bearing (44940) 101C258			1		4	100	2	11	
	P	H		2805-699-6860	REPAIR KIT: crankshaft bearing (44940) 101K181			2		2	100	2	9	
	X2	H			SCREW: bearing stop (45722) P10630R			4		*	*			
	P1	H		5340-281-6490	RING: gear washer (79136) 5100-150			1		*	5	2	19	
	P	H		5330-154-0903	SEAL: crankshaft front (78990) 4548			1		2	100	6	22	
	P	H		5330-179-0851	SEAL: crankshaft rear (76600) 50912S			1		2	100	2	14	
	X2	H		5310-596-4569	WASHER: crankshaft gear (44940) 104A43			1		*	*	2	18	

INDEX TO PARTS, FIGURE 3

Reference Number	Functional Group	Item Name
1	0104	RING
2	0104	PIN
3	0104	BUSHING
4	0104	ROD-BEARING AY
5	0104	BEARING
6	0104	WASHER
7	0104	BOLT
8	0104 </td <td>PISTON</td>	PISTON
9	0104	EXPANDER
10	0104	RING
11	0104	RING
12	0104	RING

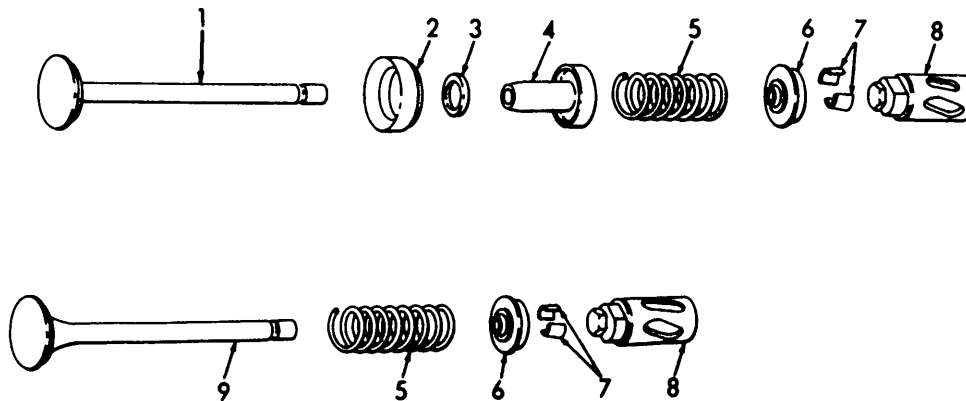


MSC 4930-202-35P/3

Figure 3. Connecting Rod and Piston.

INDEX TO PARTS, FIGURE 4

Reference Number	Functional Group	Item Name
1	0105	VALVE
2	0105	INSERT
3	0105	GASKET
4	0105	GUIDE
5	0105	SPRING
6	0105	RETAINER
7	0105	LOCK
8	0105	LIFTER
9	0105	VALVE

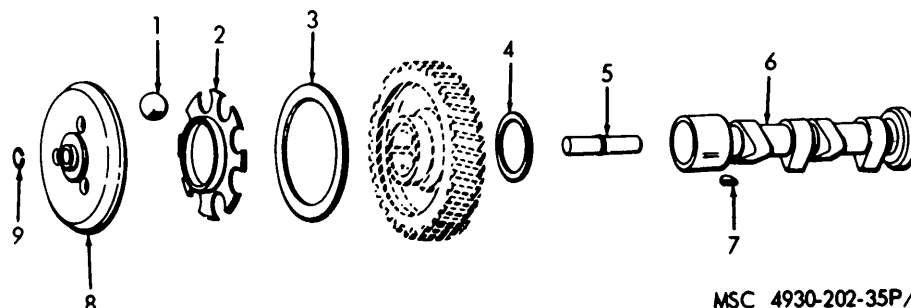


EMC 5-4930-202-35/14

Figure 4. Valves.

INDEX TO PARTS, FIGURE 5

Reference Number	Functional Group	Item Name
1	0308	BALL
2	0308	SPACER
3	0308	SHIM
4	0105	WASHER
5	0105	PIN
6	0105	CAMSHAFT AY
7	0105	KEY
8	0308	CUP
9	0308	RING



MSC 4930-202-35P/5

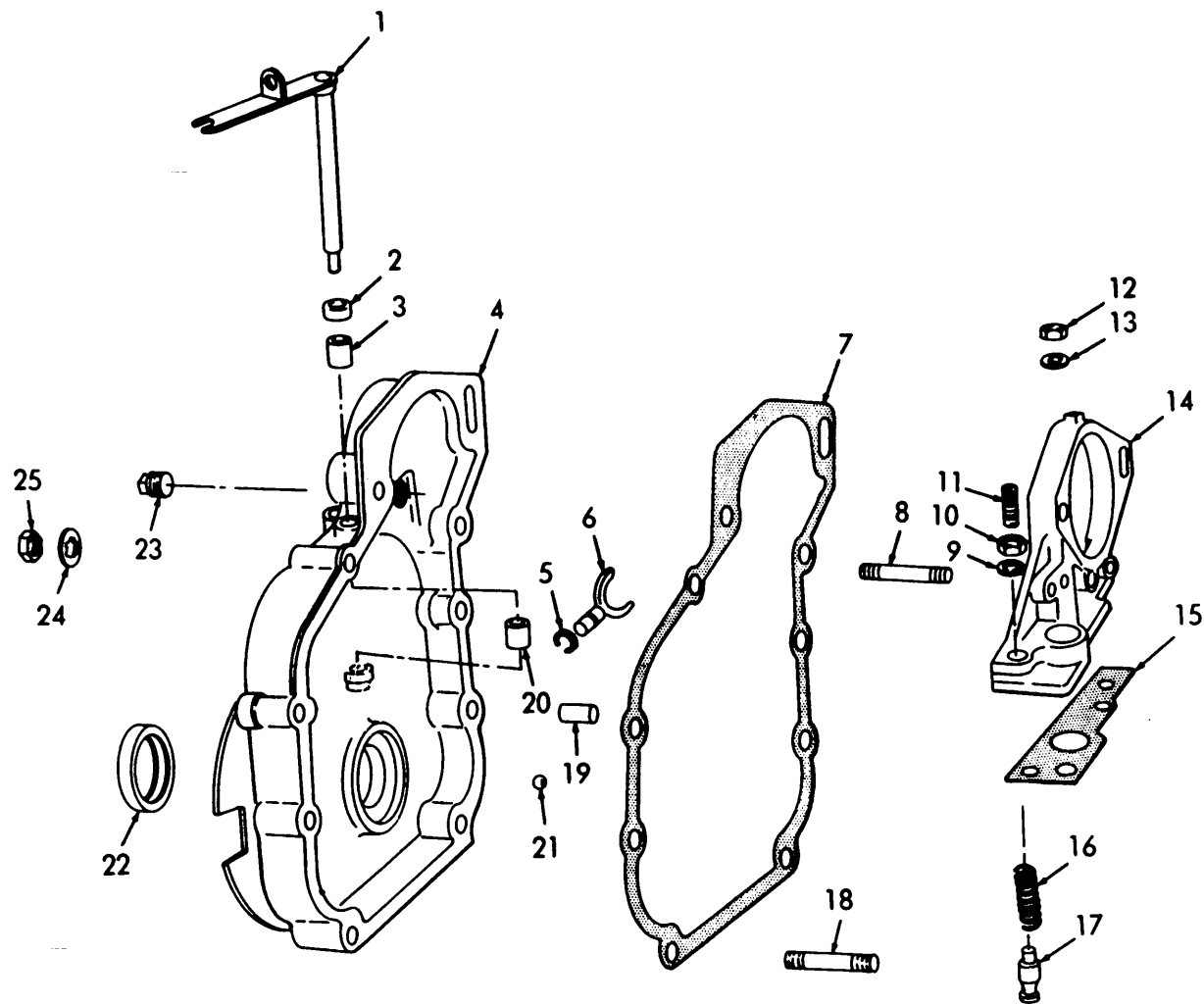
Figure 5. Camshaft and Governor Cup Assembly.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND- ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUS- TRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
0104 - PISTONS, CONNECTING RODS													
	P	H		2805-529-8233	PIN (44940) 112A10			2		5	200	3	2
	P1	H		2805-696-5668	PISTON: internal combustion engine (Includes PIN. Stock No. 2805-529-8233, and 2 each RING. Stock No. 5340-205-5136)			2		*	20	3	8
	P	H		5340-205-5136	RING (44940) 112A3			4		3	40	3	1
	P	H		2805-654-3542	RING SET (44940) 113A51			2		5	20	3	
	X1				RING: compression. upper (44940) 113A50			2				3	12
9	X1			2805-778-0235	RING: compression. 2nd groove (44940) 113A7			2				3	11
	X1				RING: oil control (44940) 113A74			2				3	10
	X1				EXPANDER (44940) 113A72							3	9
	P1	H		2805-358-3366	ROD AND BEARING ASSEMBLY: connecting (44940) 114B856			2		*	20	3	4
	P	H		2805-358-2124	BEARING: half sleeve. connecting rod (44940) 114855			4		5	100	3	5
	X2	H		5306-206-3961	BOLT (44940) 114-42			4		*	*	3	7
	P	H		3120-661-8788	BUSHING: piston pin (44940) 114A36			2		5	100	3	3
	X2	H		5310-358-3799	WASHER: connecting rod (44940) 114A59			4		*	*	3	6
0105 - VALVES, CAMSHAFTS AND TIMING SYSTEMS													
	P1	H		2805-358-2101	BEARING: camshaft (44940) 101A49			2		*	50	1	3
	P1	H		2805-542-1389	BEARING: idler gear (44940) 160A296			1		*	25	2	6
	X2	H		2805-358-2331	CAMSHAFT ASSEMBLY (44940) 105A105			1		*	3	5	6
	X2	H			PIN: straight headless (44940) 105A75			1		*	*	5	5
	X2	0		2805-317-4789	COVER: valve compartment (44940) 11A690			2	*	*	*	7	2
	X2	F		2805-429-2964	COVER ASSEMBLY: gear case (44940) 103C105			1	*	*	*	6	4

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
0105 - VALVES, CAMSHAFTS AND TIMING SYSTEMS (cont)														
				3110-100-6149	BALL: bearing, governor shaft (44940) 510-14			1	See Group	0308	See Group 0308			
9	P1	F		3110-120-3075	BEARING: governor shaft, lower (60380) B36			1	See Group	0308	See Group 0308			
				3110-277-0337	BEARING: governor shaft, upper (60380) N66			1	See Group	0308	See Group 0308			
	X2	0		5310-010-3088	NUT: sensitivity screw (44940) 870-53			2	See Group	0308	See Group 0308			
	X2	F		5315-616-5655	PIN: governor cup stop (44940) 516-117			1	See Group	0308	See Group 0308			
	X2	0		5305-364-7177	SCREW: governor sensitivity (44940) 150A136			1	See Group	0308	See Group 0308			
	P	H		5330-154-0903	SEAL: crankshaft front (78990) 4548			1	See Group	0102	See Group 0102			
	P	F		5330-291-9237	SEAL: governor shaft (87979) #48-24X4			1	Sec Group	0308	See Group 0308			
	X2	F		2805-358-5360	SHAFT AND LEVER: governor (44940) 150B234			1	See Group	0308	See Group 0308			
	X2	0		5310-010-6497	WASHER: sensitivity screw (44940) 850-30			1	See Group	0308	See Group 0308			
	X2	F			YOKE: governor shaft (44940) 150A620			1	See Group	0308	See Group 0308			
	X1				GASKET: gear cover (44940) 103B98 (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100)			1				6	7	
	X1			2805-358-2666	GASKET: valve cover (44940) 110A667 (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100) (Can be manufactured from PAPER. Stock No. 5330-233-5846)			2				7	1	
	X1			5330-429-2505	GASKET: valve guide (44940) 110A68 (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100)			2				4	3	
	X2		H	2920-678-1216	GEAR: magneto idler (44940) 160A295			1		*	3	2	4	
	P1	H		2805-623-3195	BEARING: idler gear (44940) 160A299			1		*	25	2	5	
	X2	H		3020-542-0592	GEAR SET: timing (44940) 105A72			1		*	3	2	20	
	P	F		2805-358-2673	GUIDE: valve (44940) 110A443			4	2	*	200	4	4	
	P1	F		2805-328-6794	INSERT: valve seat, exhaust (44940) 110A245			2	*	*	50	4	2	
	P1	F		2805-304-9440	INSERT: valve seat, intake (44940) 110A616			2	*	*	50	4	2	
9	X2	H		5315-715-1699	KEY: camshaft gear (44940) 515-1			1		*	*	5	7	
9	P1	F		2805-492-9785	LIFTER: valve (44940) 115A6			4	*	*	20	4	8	
	P	F		2805-423-0076	LOCK: valve spring (59875) VR74			8	3	*	80	4	7	
	X2	F		5310-358-3036	NUT: gear cover mtg (44940) 110A445			6	*	*	*	6	25	
	X2	H		5310-012-030	NUT: Idler gear mtg			1		*	*	2	1	
	X2	0		5310-014-2247	NUT: valve cover mtg (44940) 115A25			2	*	*	*	7	4	
	X2	F		4730-010-3867	PLUG: gear cover (44940) 505-110			1	*	*	*	6	23	
	X2	F		2805-594-9607	RETAINER: valve spring (59875) FR-RA62A			4	*	*	*	4	6	
	P	F		2805-558-8160	SPRING (44940) 110A539			4	3	*	200	4	5	
	X2	H		5307-358-3559	STUD, PLAIN: idler gear (44940) 520A415			1		*	*	2	7	
	P	F		2805-358-3726	VALVE: poppet, exhaust (44940) 110A444			2	2	*	40	4	9	
	P	F		2805696-5655	VALVE: poppet, Intake (44940) 110A598			2	2	*	40	4	1	
	X2	H		5310-69-5675	WASHER (44940) 105A4			1		*	*	5	4	
	X2	F		5310-013-8538	WASHER: cover mtg (44940) 854-17			6	*	*	*	6	24	

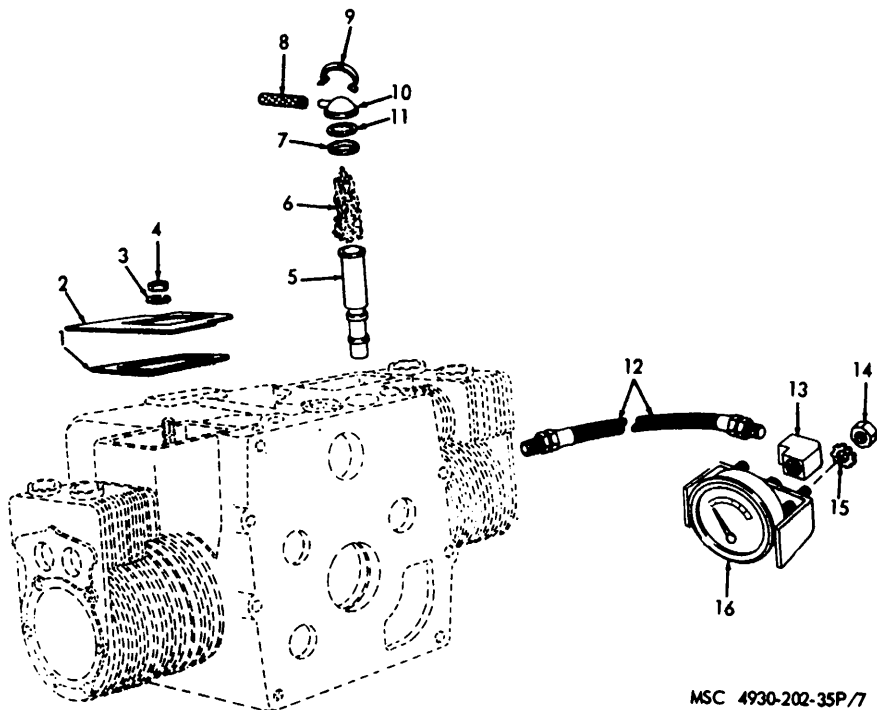
INDEX TO PARTS, FIGURE 6

Reference Number	Functional Group	Item Name
1	0308	SHAFT AND LEVER
2	0308	SEAL
3	0308	BEARING
4	0105	COVER AY
5	0308	RING
6	0308	YOKE
7	0105	GASKET
8	0101	STUD
9	0108	WASHER
10	0108	NUT
11	0108	SETSCREW
12	0604	NUT
13	0604	WASHER
14	0604	BRACKET
15	0604	GASKET
16	0108	SPRING
17	0108	PLUNGER
18	0101	STUD
19	0101	PIN
20	0308	BEARING
21	0308	BALL
22	0102	SEAL
23	0105	PLUG
24	0105	WASHER
25	0105	NUT



EMC 5-4930-202-35/11

Figure 6. Governor Controls and Gear Cover.

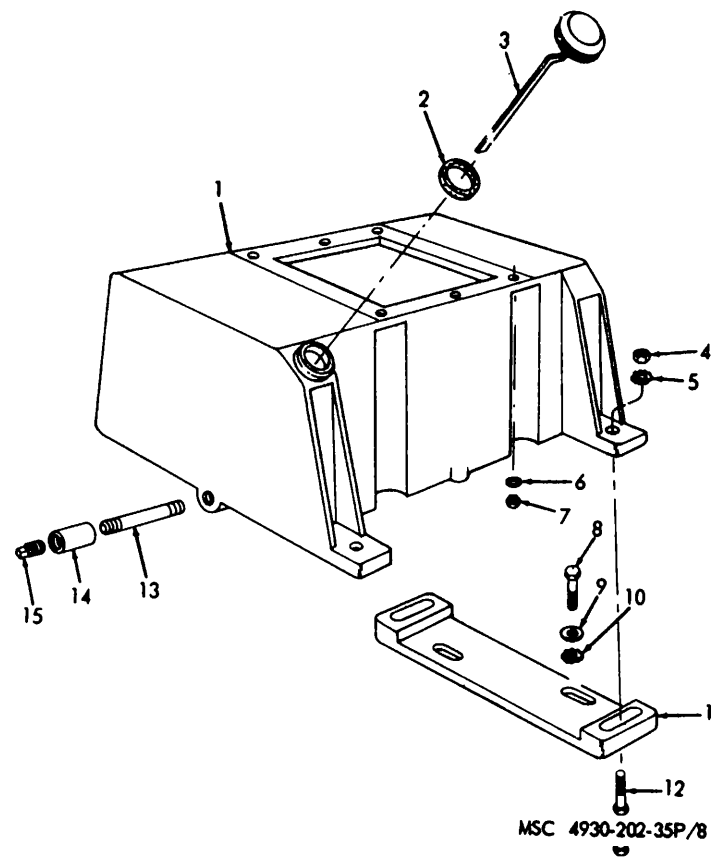


MSC 4930-202-35P/7

INDEX TO PARTS, FIGURE 7

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0105	GASKET	9	0108	CLIP
2	0105	COVER	10	0108	CAP
3	0105	WASHER	11	0108	FLAPPER VALVE AY
4	0105	NUT	12	4702	HOSE
5	0108	TUBE	13	4702	ELBOW
6	0108	WIRE FABRIC	14	4702	NUT
7	0108	GASKET	15	4702	WASHER
8	0108	HOSE	16	4702	GAGE

Figure 7. Crankcase Components.

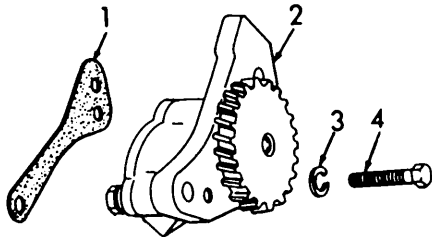


MSC 4930-202-35P/8

INDEX TO PARTS, FIGURE 8

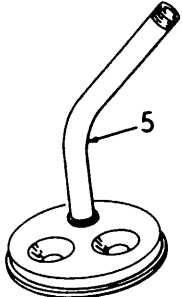
Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0108	BASE	9	0100	WASHER
2	0108	WASHER	10	0100	WASHER
3	0108	GAGE	11	0100	MOUNT
4	0100	NUT	12	0100	SCREW
5	0100	WASHER	13	0108	NIPPLE
6	0108	WASHER	14	0108	COUPLING
7	0108	NUT	15	0108	PLUG
8	0100	SCREW			

Figure 8. Oil Base and Components.



INDEX TO PARTS, FIGURE 9

Reference Number	Functional Group	Item Name
1	0108	GASKET
2	0108	PUMP
3	0108	WASHER
4	0108	SCREW
5	0108	INLET



MSC 4930-202-35P/9

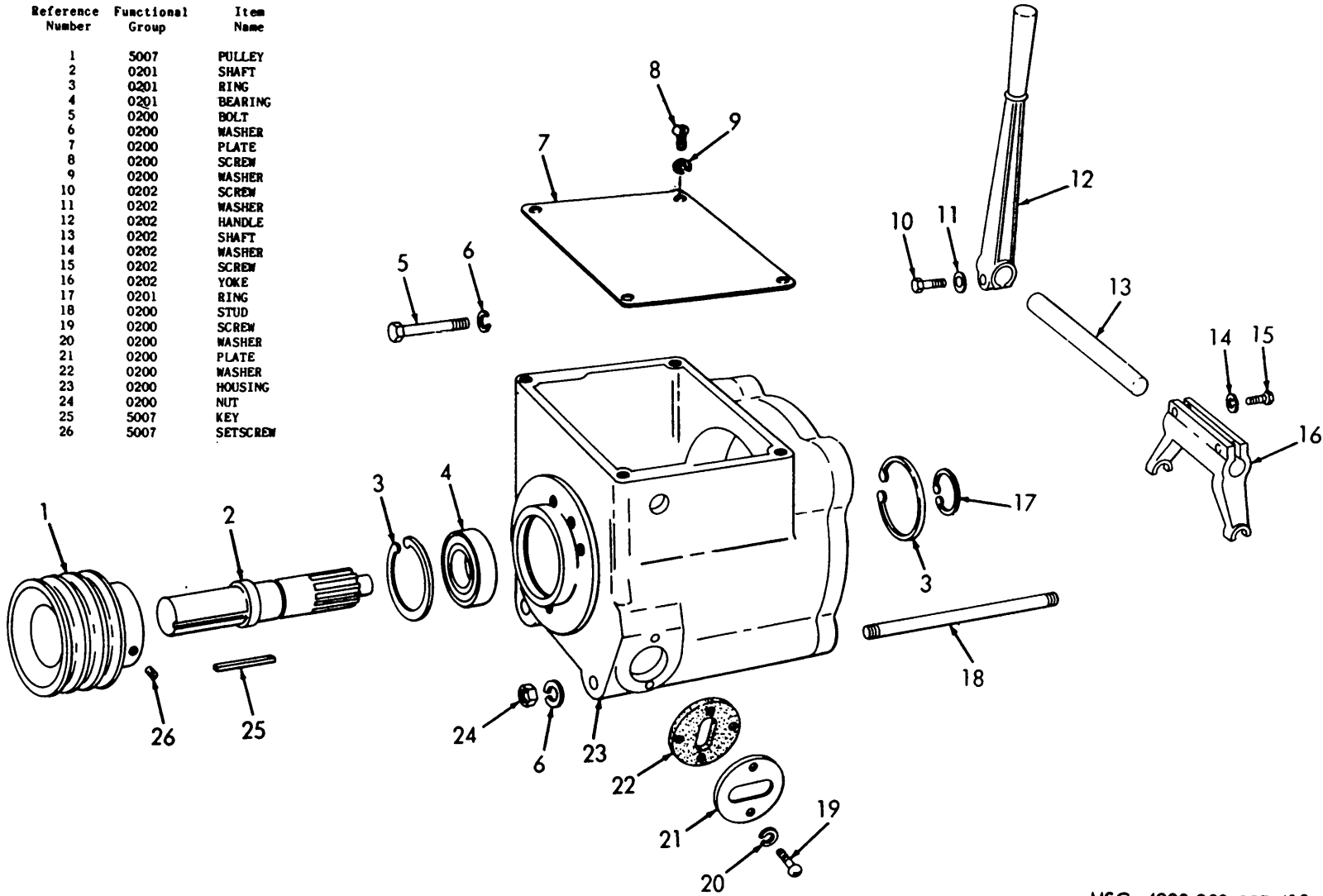
Figure 9. Oil Pump.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
0105 - VALVES, CAMSHAFTS AND TIMING SYSTEMS (cont)														
	X2	H		3120-287-7858	WASHER: idler gear (44940) 160A297			2		*	*		2	3
	X2	H		5310-209-0711	WASHER: Idler gear mtg (44940) 526-63			1		*	*		2	2
	X2	0		5310-442-9410	WASHER: valve cover mtg (44940) 526-63			2	*	*	*		7	3
0108 - ENGINE LUBRICATION SYSTEM														
	X2	F		2805-429-2968	BASE: oil filler (44940) 102A422			1	*	*	*		8	1
	X1			2805-499-8231	PIPE: oil filler (44940) 159A8			1						
	X2	0		2805-358-2331	CAP: breather (44940) 123A356			1	*	*	*		7	10
	X2	0		5340-623-3169	CLIP: breather cap (44940) 123A545			1	*	*	*		7	9
	X2	0		4730-187-7596	COUPLING: oil drain (GE) (44940) 505-28			1	*	*	*		8	14

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
0108 - ENGINE LUBRICATION SYSTEM (cont)													
	X2	0		2815-695-4816	FLAPPER VALVE ASSEMBLY (44940) 123A315			1	*	*	*	7	11
	X2	0		6680-830-9980	GAGE: oil level (44940) 123A489			1	*	*	*	8	3
	X1			5330-429-2536	WASHER: oil filler cap (Component of GASKET SET. Stock No. 2805-801-3731, See Group 0100) (44940) 123A191			1				8	2
	X1				GASKET: breather valve (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100) (44940) 123A352			1				7	7
	X1				GASKET: oil base (Component of GASKET SET. Stock No. 2805-801-3731, See Group 0100) (44940) 102B158			1				1	11
	X1			2805-358-2668	GASKET: oil pump mtg (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100) (Can be manufactured from PAPER, Stock No. 5330-233-5845) (44940) 120A192			1				9	1
9	X2	0		4720-695-4819	HOSE: crankcase breather (44940) 503A163			1	*	*	*	7	8
	X2	F			INLET: oil pump (44940) 120B400			1	*	*	*	9	5
	X2	0		4730-192-9476	NIPPLE: oil drain (GE) (44940) 505-233			1	*	*	*	8	13
	X2	0		5310-265-9215	NUT: adjusting screw (44940) 104A91			1	*	*	*	6	10
	X2	F		5310-265-9215	NUT: oil base (44940) 104A91			4	*	*	*	8	7
	X2	0		4730-010-3867	PLUG: oil drain (44940) 505-10			1	*	*	*	8	15
	X2	0		2805-625-2442	PLUNGER: by-pass valve (44940) 120A398			1	*	*	*	6	17
	P	F		2805-646-8982	PUMP: oil (44940) 120A491			1	2	*	25	9	2
9	X2	F		5305-531-1783	SCREW: oil pump mtg (44940) 120A187			2	*	*	*	9	4
	X2	0		5305-429-2509	SETSCREW: plunger valve (44940) 120A187			1	*	*	*	6	11
	X2	0		2905-543-3743	SPRING: plunger valve (44940) 120A270			1	*	*	*	6	16
	X2	0		2805-623-3168	TUBE: crankcase breather (44940) 123A358			1	*	*	*	7	5
	X2	F		2990-713-5008	TUBE: oil passage replacement, rear bearing (44940) 120A437			1	*	*	*		
9	X2	0		5310-011-6103	WASHER: adjusting screw (44940) 526-66			1	*	*	*	6	9
9	X2	F		5310-013-8542	WASHER: oil base (44940) 854-20			4	*	*	*	8	6
	X2	F		5310-010-3319	WASH: oil pump mtg (44940) 123A452			2	*	*	*	9	3
9	X2	0		5335-778-2801	WIRE FABRIC: breather (44940) 123A452			1	*	*	*	7	6
0110 - MANIFOLDS													
	X1			2805-699-6885	GASKET: intake manifold (Component of GASKET SET. Stock No. 2805-801-3731, See Group 0100) (44940) 154A13			2				16	23
	X2	0		2805-715-7549	MANIFOLD: intake (44940) 154C517			1	*	*	*	16	22
9	X2	0		5305 840-0964	SCREW: manifold mtg (44940) 800-56			2	*	*	*	16	17
9	X2	0		5310-017-8551	WASHER: manifold mtg (78189) 4020-26-00			2	*	*	*	16	18

INDEX TO PARTS, FIGURE 10

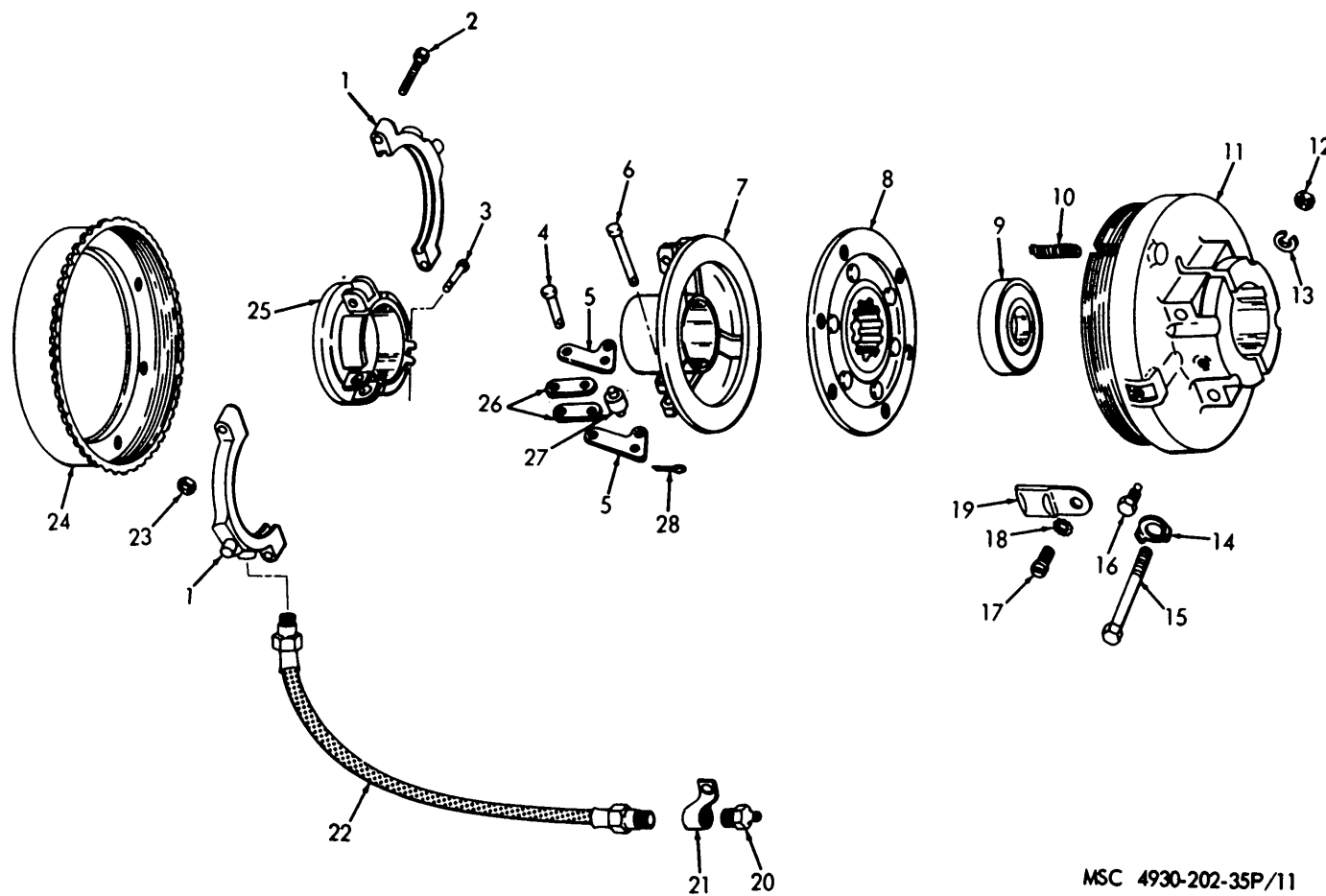
Reference Number	Functional Group	Item Name
1	5007	PULLEY
2	0201	SHAFT
3	0201	RING
4	0201	BEARING
5	0200	BOLT
6	0200	WASHER
7	0200	PLATE
8	0200	SCREW
9	0200	WASHER
10	0202	SCREW
11	0202	WASHER
12	0202	HANDLE
13	0202	SHAFT
14	0202	WASHER
15	0202	SCREW
16	0202	YOKER
17	0201	RING
18	0200	STUD
19	0200	SCREW
20	0200	WASHER
21	0200	PLATE
22	0200	WASHER
23	0200	HOUSING
24	0200	NUT
25	5007	KEY
26	5007	SETSCREW



MSC 4930-202-35P/10

Figure 10. Clutch Shifting Mechanism.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
0114 - ENGINE STARTING SYSTEM													
	P1	0		2990-288-4725	STARTER ROPE: engine (44940) 192A16			1	*	*	25	19	30
GROUP 02 - CLUTCH 0200 CLUTCH ASSEMBLY													
9	X2	F		5306-550-1199	BOLT: clutch housing mtg			2	*	*	*	10	5
	X2	F	R	4930-860-0447	CLUTCH: friction (44940) 190C221			1	*	*	*	11	
	X2	F			BRACKET: grease line (44940) 149A171			1	*	*	*	11	21
	X2	F			CLUTCH (77873) CLA2100			1	*	*	*		
	X2	F			HOUSING: clutch (44940) 190D103			1	*	*	*	10	23
	X2	0			PLATE: cover (44940) 99A148			1	*	*	*	10	7
	X2	F			PLATE. COVER: grease line outlet (44940) 190A112			1	*	*	*	10	21
9	X2	F		5305-011-3902	SCREW: grease plate mtg			2	*	*	*	10	19
9	X2	0		5305-013-2900	SCREW: plate mtg			4	*	*	*	10	8
	X1	F		5307-785-0623	STUD: clutch housing (44940) 520A361			2	*	*	*	10	18
	X2	F		4930-446-7459	WASHER: grease distribution (44940) 190A113			1	*	*	*	10	22
9	X2	F		5310-012-1752	WASHER: grease plate mtg			2	*	*	*	10	20
9	X2	0		5310-012-1801	WASHER: plate mtg screw			4	*	*	*	10	9
9	X2	F		5310-012-0368	NUT			2	*	*	*	10	24
	X2	F		5310-010-3320	WASHER: clutch housing mtg			4	*	*	*	10	6
0201 - CLUTCH DISKS AND PLATES													
	X2	F			ARM: connecting link (77873) CL5544			6	*	*	*	11	5
9	X2	F		3110-144-8589	BEARING: pilot (77873) CL6783			1	*	*	10	11	9
	X2	F			BEARING: power take-off %haft (43334) 99506			1	*	*	10	10	4
	P1	F		3010-371-6435	CONNECTING LINK (77873) CL4776			6	*	*	30	11	26
	X2	F		4930-796-8677	DRIVE PLATE ASSEMBLY: clutch (77873) UCL5230-7			1	*	*	*	11	8
	X2	F			HUB: clutch (77873) CL7248-6			1	*	*	*	11	11
	X2	F		2520-374-7244	LOCK: adjustment (77873) CL5522			1	*	*	*	11	19
	X2	F			LOCK: clutch hub screw (77873) CLS211			2	*	*	*	11	14
	X2	F		5310-012-0369	NUT: hub			2	*	*	*	11	12
9	X2	F		5315-011-2526	PIN: connecting link pin (77873) CL5092			12	*	*	*	11	28
	X2	F		5315-424-5599	PIN: lever (77873) CL5156			3	*	*	*	11	6
	X2	F		5315-424-5598	PIN: link long (77873) CL5153			3	*	*	*	11	4
	X2	F		5315-424-5597	PIN: link, short (77873) CL5152			3	*	*	*	11	3
9	X2	F		5315-324-9684	PIN: roller (77873) LM408			3	*	*	*	11	27
	X2	F			PLATE ASSEMBLY: pressure (77873) UCL8-5228A			1	*	*	*	11	7
	X2	F		2520-374-7245	RING: clutch adjusting (77873) CL4964			1	*	*	*	11	24
	X2	F		5340-281-6497	RING: external (79136) 5100-118			1	*	*	10	10	17
	X2	F		5340-281-6484	RING: internal (79136) 5000-244			2	*	*	10	10	3



MSC 4930-202-35P/11

Figure 11. Clutch Assembly.

INDEX TO PARTS, FIGURE 11

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0202	BEARING AY	8	0201	DRIVE PLATE AY	15	0201	SCREW	22	0202	HOSE AY
2	0202	BOLT	9	0201	BEARING	16	0201	SETSCREW	23	0202	NUT
3	0201	PIN	10	0201	SPRING	17	0201	SCREW	24	0201	RING
4	0201	PIN	11	0200	HUB	18	0201	WASHER	25	0202	SLEEVE AY
5	0201	ARM	12	0201	NUT	19	0201	LOCK	26	0201	CONNECTING LINK
6	0201	PIN	13	0201	WASHER	20	0202	FITTING	27	0201	PIN
7	0201	PLATE AY	14	0201	LOCK	21	0200	BRACKET	28	0201	PIN

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH	100 EQUIPMENTS		
					0201 - CLUTCH DISKS AND PLATES (cont)									
	9	X2	F	5305-018-1381	SCREW: clutch hub (77873) CL5318			2	*	*	*	11	15	
		X2	F	5305-018-0016	SCREW: lock adjustment			1	*	*	*	11	17	
		X2	F	5305-430-1853	SETSCREW (77873) CL5163			1	*	*	*	11	16	
	10	X2	F	4930-786-2891	SHAFT: power take-off (44940) 1908107			1	*	*	5	10	2	
		P1	F	3895-209-8462	SPRING: friction clutch (77873) CL5087			3	*	*	30	11	10	
		X2	F	5310-012-1753	WASHER			1	*	*	*	11	18	
		X2	F	5310-261-7340	WASHER: hub screw			2	*	*	*	11	13	
					0202 - CLUTCH RELEASE MECHANISM									
		X2	F		BEARING ASSEMBLY: release (77873) UCL9-4966			1	*	*	10	11	1	
	9	X2	F	5306-637-8432	BOLT: bearing assembly			2	*	*	*	11	2	
		X2	0	4730-050-4208	FITTING (95879) 1610			1	*	*	*	11	20	
					HOSE ASSEMBLY: grease (44940) 501A4			1				11	22	
		X2	F	4730-203-7089	MANUFACTURE FROM; ADAPTER ADAPTER HOSE: rubber (12 in. required)			1	*	*	*			
		X2	F	4730-369-4637				1	*	*	*			
		P	F	4720-289-9625			FT		See Group	9501	See Group 9501			
		X2	0		LEVER ASSEMBLY: clutch (44940) 190-108			1	*	*	5			
		X2	0	2520-510-4635	HANDLE: clutch (77873) PT532			1	*	*	*	10	12	
		X2	0	5305-017-9641	SCREW (77873) PT352			1	*	*	*	10	10	
		X2	0	5310-261-7340	WASHER (77873) PT353			1	*	*	*	10	11	
	9	X2	F	5310-012-0368	NUT: bearing retaining			2	*	*	*	11	23	
		X2	F	4930-796-4010	SHAFT: clutch yoke (77873) PT956			1	*	*	5	10	13	
	10	P1	F	4930-789-0702	SLEEVE ASSEMBLY: clutch release (77873) UCL8013			1	*	*	15	11	25	
		X2	F		YOKE ASSEMBLY: clutch release (44940) 190-110			1	*	*	*			
		X2	F	5315-424-5604	KEY: yoke (77873) PT533			2	*	*	*			
		X2	F	5305-017-9797	SCREW (77873) PT82			2	*	*	*	10	15	
		X2	F	5310-010-3319	WASHER (77873) PT580			2	*	*	*	10	14	
		X2	F	2520-424-5603	YOKE: release (77873) UPT531			1	*	*	*	10	16	
					GROUP 03 - FUEL SYSTEM 0301 - CARBURETOR									
		X2	0	5306-543-2506	BOLT: carburetor mtg			2	*	*	*	12	12	
		P	0	2910-580-0087	CARBURETOR: float (7840) DY11A			1	3	*	15	12	5	
		M	0		GASKET: body (35311) DC3253			1				12	4	
		P	0	5330-233-5846	MANUFACTURE FROM: PAPER: gasket (GE) (4 in. x 4 in. required)		YD		See Group	9501	See Group 9501			
		X1			SCREW, ASSEMBLED WASHER: air horn (78480) 08420			6				12	3	

INDEX TO PARTS, FIGURE 12

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0312	ROD	8	0312	WASHER
2	0304	AIR CLEANER	9	0312	SCREW
3	0301	SCRW ASMBLD WSHR	10	0301	GASKET
4	0301	GASKET	11	0301	WASHER
5	0301	CARBURETOR	12	0301	BOLT
6	0312	CONTROL AY	13	0312	NUT
7	0312	CLAMP			

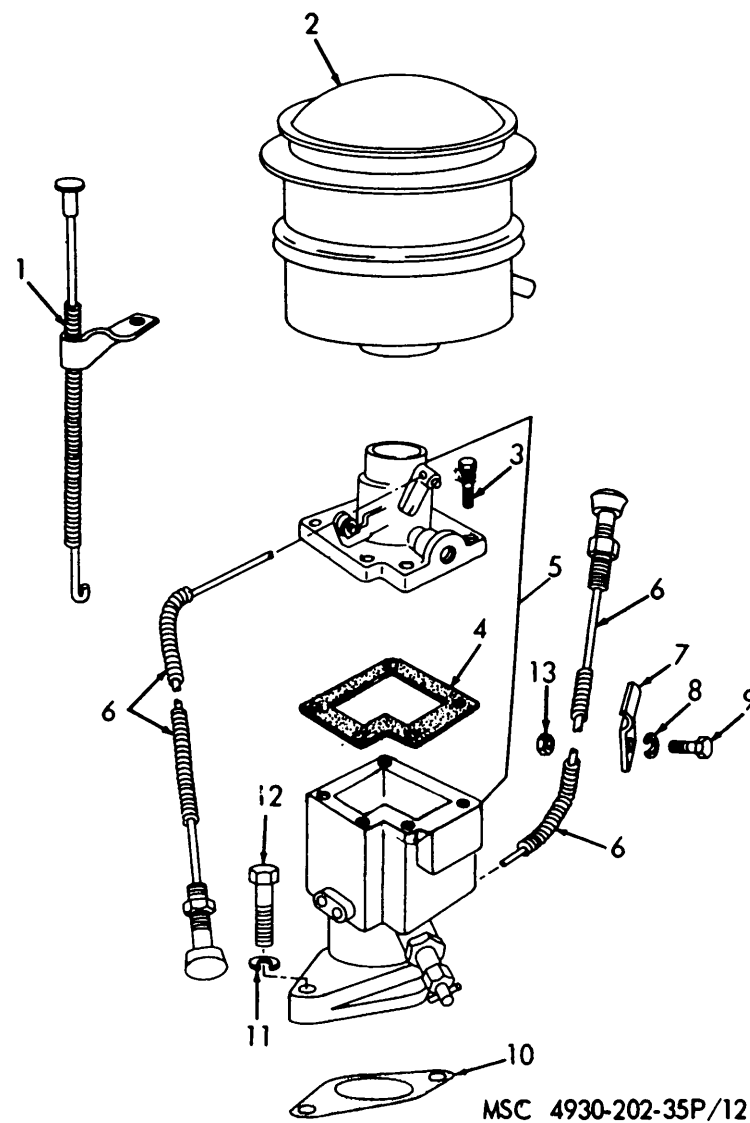
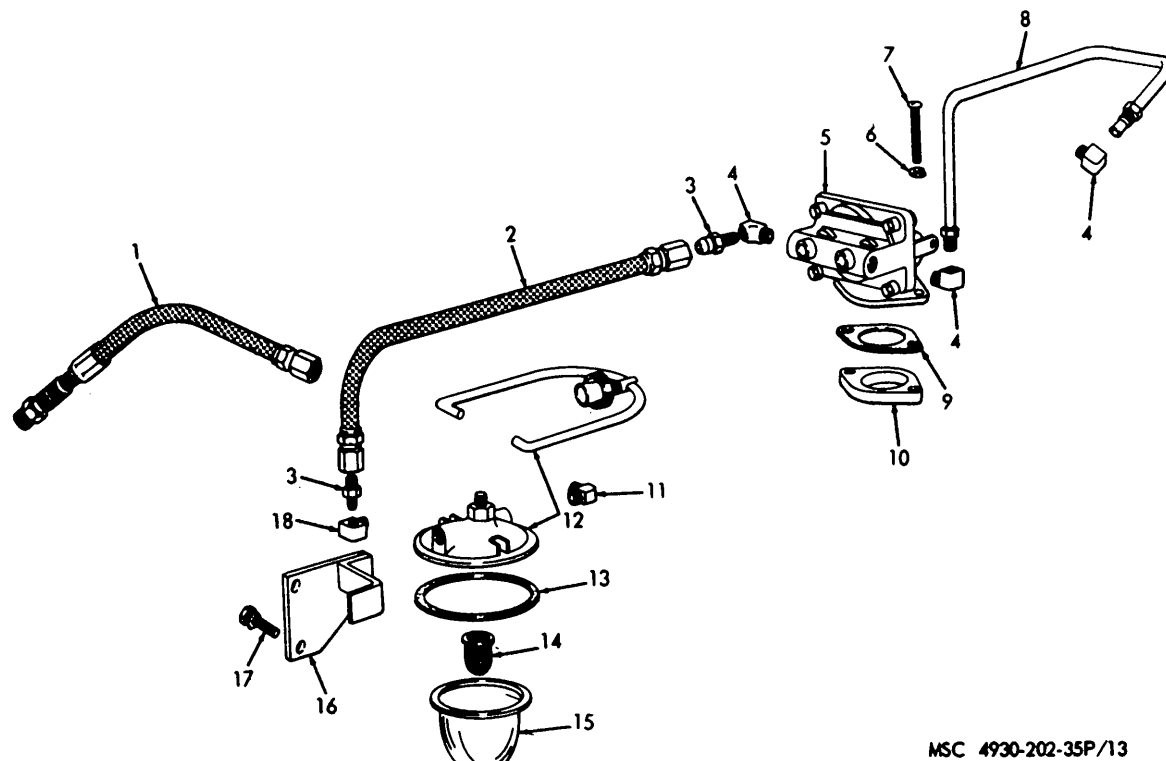


Figure 12. Intake Air Cleaner, Carburetor, and Control Assembly.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
				0301 - CARBURETOR (cont)										
	X1			5330-354-3138	GASKET: carburetor mtg (44940) 141A281 (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100) (Can be manufactured from PAPER, Stock No. 5330-233-5846)			1					12	10
	X2	0		5310-012-0214	WASHER: carburetor mtg			2	*	*	*		12	11
				0302 - FUEL PUMP										
	X1			2910-423-0340	GASKET: fuel pump mtg (44940) 149A3 (Component of GASKET SET, Stock No. 2B06-801-3731, See Group 0100) (Can be manufactured from PAPER, Stock No. 5330-233-5846)			2	13	9				
	P	0		2910-630-4439	PUMP: fuel (44940) 1490693			1	3	*5	13		5	
9	X2	0		5305-011-3961	SCREW: fuel pump mtg (44940) 812-155			2	*	*	13		7	
	X2	0		2910-652-8138	SPACER: fuel pump (44940) 149A45			1	*	*	13		10	
	X2	0		5310-442-9410	WASHER: fuel pump mtg (44940) 526-63			2	*	*	13		6	
				0304 - AIR CLEANER										
	X2	0		2940-358-4514	AIR CLEANER: intake, carburetor (18265) S174			1	3	12	2			
				0306 - TANKS, LINES, FITTINGS										
	X2	0		4730-289-3586	ADAPTER: fuel pump inlet (79470) 5816X4			2	*	*	*		13	3
	P1	0		2910-691-0020	CAP, FUEL TA: w/chain (81118) CC2144			1	*	*	5		14	1
	X2	0		4730-277-8261	ELBOW: filter to tank (79470) 522X4			1	*	*	*		13	11
	X2	0		4730-277-8265	ELBOW: fuel filter (GE) (79470) 3400X2			1	*	*	*		13	18
	X2	0		4730-277-8273	ELBOW: fuel pump (79470) 400X4			3	*	*	*		13	4
	M	0			HOSE ASSEMBLY: filter to pump MANUFACTURE FROM: (2590) 204-597			1					13	2
	X2	0		4730-533-4840	ADAPTER			2	*	*	*			
	P	0		4720-209-9625	HOSE: rubber (18 in. required)	FT			See Group	9501	See Group 9501			
	M	0			LINE ASSEMBLY: fuel pump to carburetor MANUFACTURE FROM: (44940) 149A33			1					13	8
	X2	0		4730-208-8248	INVERTED NUT			2	*	*	*			
	P	0		4710-277-5525	TUBE: copper (10 in. required)	FT			See Group	9501	See Group 9501			
	M	0			LINE ASSEMBLY: fuel, tank to filter MANUFACTURE FROM: (25980) 204-784			1					13	1
	X2	0		4730-353-4840	ADAPTER			2	*	*	*			
	P	0		4720-289-9625	HOSE: rubber (8 in. required)	FT			See Group	9501	See Group 9501			
10	P	0		4930-691-8145	PACKING: filler tube (25980) 157-195			1	See Group	9901	See Group 9901		14	9

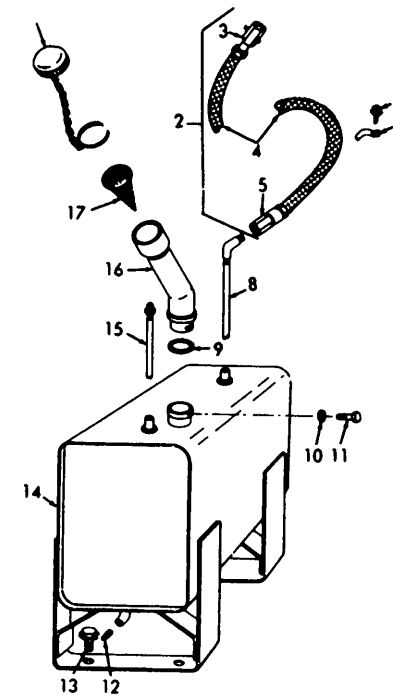


MSC 4930-202-35P/13

INDEX TO PARTS- FIGURE 13

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0306	LINE AY	10	0302	SPACER
2	0306	HOSE AY	11	0306	ELBOW
3	0306	ADAPTER	12	0309	STRAINER
4	0306	ELBOW	13	0309	WASHER
5	0302	PUMP	14	0309	STRAINER ELEMENT
6	0302	WASHER	15	0309	BOWL
7	0302	SCREW	16	0309	BRACKET
8	0306	LINE AY	17	0309	SCREW
9	0302	GASKET	18	0306	ELBOW

Figure 13. Pump Filter, Lines, and Fittings.



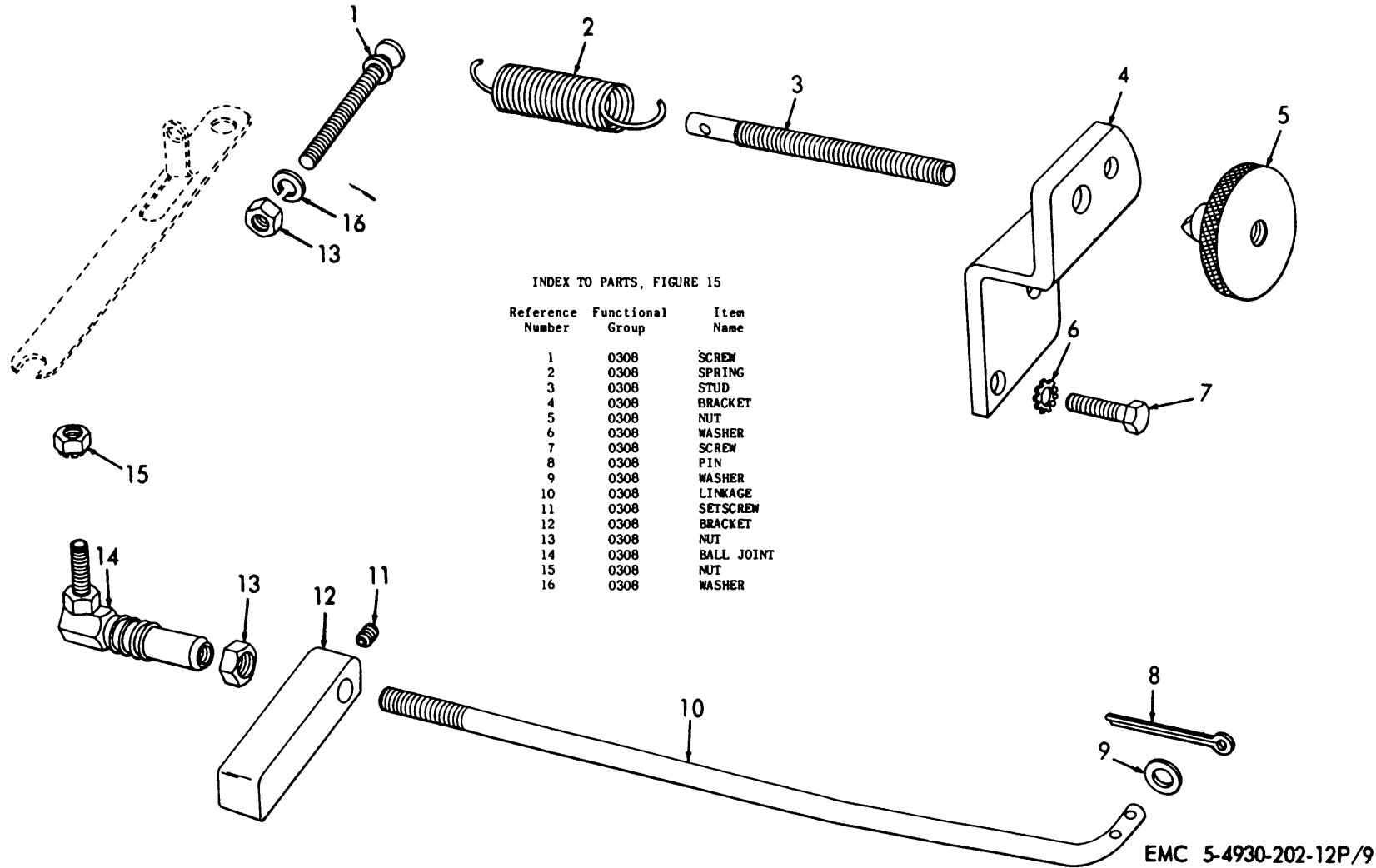
EMC 5-4930-202-12P/8

INDEX TO PARTS, FIGURE 14

Reference Number	Functional Group	Item Name
1	0306	CAP
2	2207	HOSE AY
3	2207	COUPLING AY
4	2207	HOSE
5	2207	ADAPTER
6	2207	SCREW
7	2207	STRAP
8	2207	TUBE
9	0306	PACKING
10	0306	PACKING
11	0306	STUD
12	0306	PLUG
13	0306	SCREW
14	0306	TANK
15	0306	TUBE
16	0306	TUBE
17	0306	STRAINER ELEMENT

Figure 14. Fuel Tank, Lines, and Fittings.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
0306 - TANKS, LINES, FITTINGS (cont)														
	P	0		5330-297-4515	PACKING: filler tube stud (25980) 156-454			1	3	*	25	14	10	
	X2	0		4730-044-4574	PLUG: tank drain (GE) (25980) 100-509			1	*	*	*	14	12	
	X2	0		5305-733-2265	SCREW, ASSEMBLED WASHER: tank mtg (25980) 101-793			4	*	*	*	14	13	
9	X2	0		5305-017-5200	SCREW			4	*	*	*	14	13	
9	X2	0		5310-013-8485	WASHER			4	*	*	*			
	X2	0		2910-831-3845	STRAINER ELEMENT: filler pipe (25980) 162-071			1	*	*	*	14	17	
	X2	0		5307-831-3945	STUD: filler neck (25980) 161-993			1	*	*	*	14	11	
	X2	0			TANK: fuel (25980) 204-780			1	*	*	*	14	14	
	X2	0			TUBE: filler, gasoline tank (25980) 204-769			1	*	*	*	14	16	
	X2	0		2910-799-5757	TUBE: siphon (25980) 205-013			1	*	*	*	14	15	
9	X2	0		5310-017-8591	WASHER (25980) 101-441			4	*	*	*			
0308 - ENGINE SPEED GOVERNOR														
9	X2	F		3110-100-6159	BALL: bearing (29337) 510P15			10	*	*	*	5	1	
9	P	F		3110-100-6149	BALL: bearing, governor shaft (44940) 510-14			1	See Group	9901	See Group 9901	6	21	
	X2	0			BALL JOINT: governor link (01428) SS1101			1	*	*	*	15	14	
9	P1	F		3110-120-3075	REARING: governor shaft, lower (60380) B36			1	*	*	100	6	20	
	P1	F		3110-277-0337	BEARING: governor shaft, upper (60380) B66			1	*	*	100	6	3	
	X2	0		2805-358-4334	BRACKET: governor spring (44940) 150A349			1	*	*	*	15	4	
	X2	0		2990-446-7414	BRACKET: spring, throttle (44940) 152A104			1	*	*	*	15	12	
	X2	F		2990-625-2448	CUP: governor thrust (44940) 150B612			1	*	*	*	5	8	
	X2	0		2990-695-4796	LINKAGE: governor arm to carburetor (44940) 150A350			1	*	*	*	15	10	
	X2	0		5310-429-2571	NUT: adjusting screw (44940) 150A33			1	*	*	*	15	5	
	X2	0		5310-050-3250	NUT: ball joint (44940) 890-131			1	*	*	*	15	15	
	X2	0		5310-010-3088	NUT: sensitivity screw (44940) 870-53			2	*	*	*	15	13	
	X2	F		5315-616-5655	PIN: governor cup stop (44940) 516-117			1	*	*	*			
9	X2	0		5315-011-2726	PIN: link to carburetor (44940) 516-36			2	*	*	*	15	8	
	P1	F		5340-598-6312	RING: governor cup (44940) 150A78			1	*	*	5	5	9	
	X2	0		5305-364-7177	SCREW: governor sensitivity (44940) 150A136			1	*	*	*	15	1	
9	X2	0		5305-012-0628	SCREW: governor spring bracket (44940) 812-148			2	*	*	*	15	7	
	P	F		5330-291-9237	SEAL: governor shaft (87979) #48-24X4			1	2	*	100	6	2	
	X2	0		5305-446-7447	SETSCREW: throttle bracket (44940) 815-54			1	*	*	*	15	11	
	X2	F		2805-358-5360	SHAFT AND LEVER: governor (44940) 150B234			1	*	*	*	6	1	
	X2	F		5340-358-5073	SHIM: ball bearing (44940) 150A77			1	*	*	*	5	3	
	X2	F		2805-358-5361	SPACER: ball bearing (44940) 150B85			1	*	*	*	5	2	
	P1	0		2990-423-0347	SPRING: sensitivity screw (44940) 150A98			1	*	*	8	15	2	
	X2	0			STUD: governor spring adjusting (44940) 150A213			1	*	*	5	15	3	
9	X2	0		5310-209-0375	WASHER: governor linkage (44940) 526-116			2	*	*	*	15	9	
	X2	0		5310-011-4604	WASHER: governor spring bracket (44940) 853-13			2	*	*	*	15	6	
	X2	0		5310-010-6497	WASHER: sensitivity screw (44940) 850-30			1	*	*	*	15	16	



INDEX TO PARTS, FIGURE 15

Reference Number	Functional Group	Item Name
1	0308	SCREW
2	0308	SPRING
3	0308	STUD
4	0308	BRACKET
5	0308	NUT
6	0308	WASHER
7	0308	SCREW
8	0308	PIN
9	0308	WASHER
10	0308	LINKAGE
11	0308	SETScrew
12	0308	BRACKET
13	0308	NUT
14	0308	BALL JOINT
15	0308	NUT
16	0308	WASHER

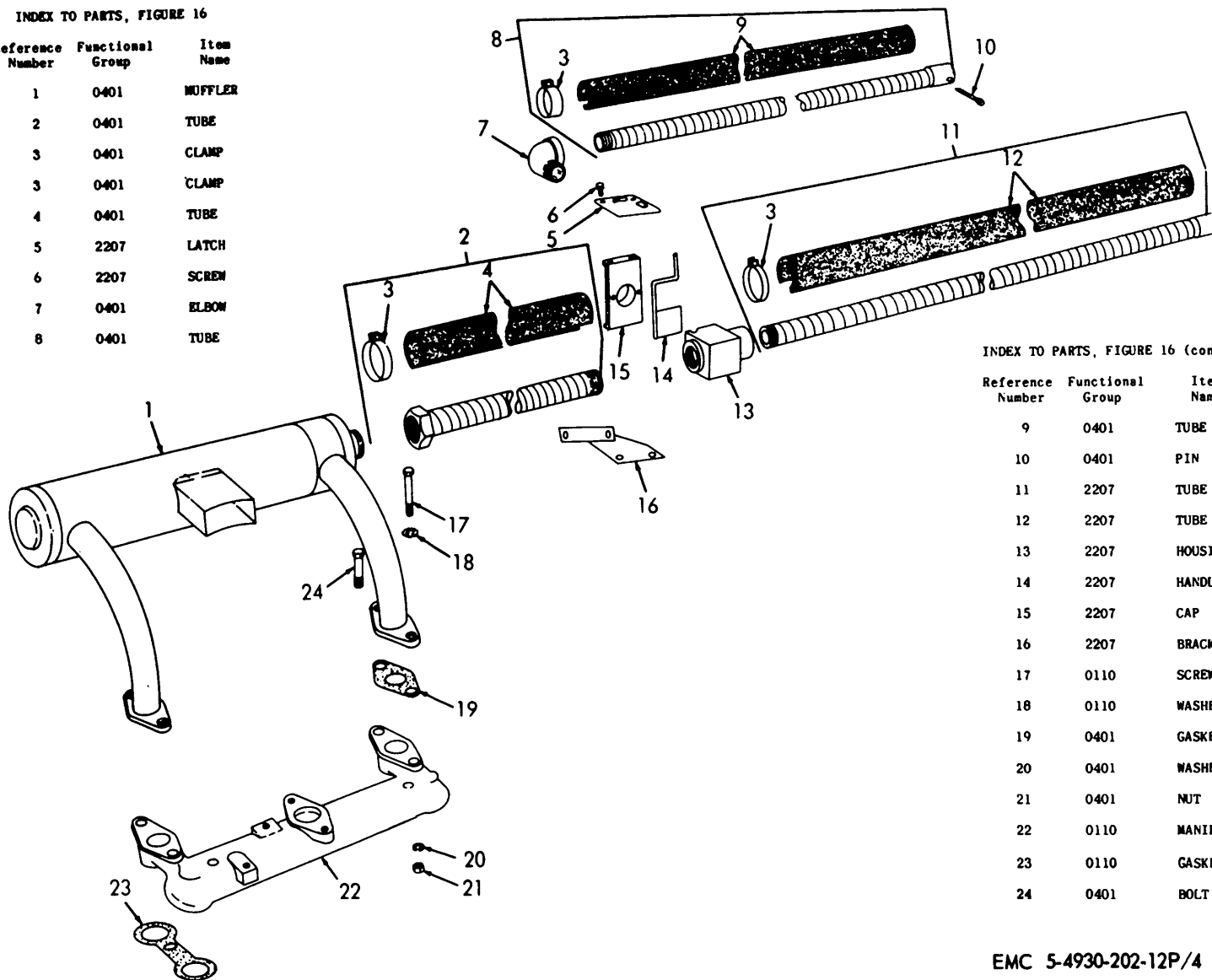
EMC 5-4930-202-12P/9

Figure 15. Governor Controls.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
0308 - ENGINE SPEED GOVERNOR (cont)														
	X2	F			YOKE: governor shaft (44940) 150A620			1	*	*	*	6	6	
	P1	F		5340-282-2435	RING (97464) 1000-18E			1	*	*	*	6	5	
0309 - FUEL FILTERS														
	X2	0			BRACKET: fuel filter (25980) 204-811			1	*	*	*	13	16	
	X2	0			SCREW, ASSEMBLED WASHER: bracket mtg (25980) 100-822			2	*	*	*	13	17	
	X2	0		2910-492-7306	STRAINER: sediment (78480) 0W444			1	*	*		3	13	
	P	0		2910-269-7126	BOWL: sediment, fuel (78480) 0W363			1	6	*	10	13	15	
9	P1	0		2910-142-2738	STRAINER ELEMENT (78480) 0W352			1	*	*	20	13	14	
	P	0		5330-187-2962	WASHER (78460) 06096			1	17	*	100	13	13	
0312 - THROTTLE OR CHOKE CONTROLS														
9	X2	0		5340-057-2910	CLAMP: choke control mtg (25980) 101-352			1	*	*	*	12	7	
	P1	0		2990-294-6749	CONTROL ASSEMBLY: push-pull choke and throttle controls (44940) 153B246			2	*	*	10	12	6	
	X2	0		5310-010-3091	NUT: choke control mtg (25980) 100-072			1	*	*	*	12	13	
	X2	0		1055-695-4771	ROD: priming, fuel pump (44940) 149A327			1	*	*	*	12	1	
9	X2	0		5305-043-6665	SCREW: choke control mtg (25980) 100-779			1	*	*	*	12	9	
9	X2	0		5310-011-5543	WASHER: choke control mtg (25980) 100-272			1	*	*	*	12	8	
GROUP 04 - EXHAUST SYSTEM														
0401 - MUFFLER AND PIPES														
9	X2	0		5306-282-9645	BOLT: muffler mtg (44940) 801-30			2	*	*	*	16	24	
	X2	0		4730-246-9219	ELBOW: exhaust tube (GE) (25980) 100-467			1	*	*	*	16	7	
	X1			2805-423-0363	GASKET: muffler (44940) 154A22 (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100)			2				16	19	
	P	0		2990-358-5773	MUFFLER: exhaust (44940) 155C253			1	3	*	50	16	1	
	X2	0		5310-358-3036	NUT: muffler mtg (44940) 110A445			2	*	*	*	16	21	
9	X2	0		5315-059-0208	PIN: exhaust tube (25980) 100-269			1	*	*	*	16	10	
	X2	0		4930-798-8950	TUBE: exhaust, diverter to atmosphere (25980) 205-011			1	*	*	*	16	8	
	X2	0		4730-358-5965	CLAMP: hose (GE) (81646) 5912			2	*	*	*	16	3	
	P	0		5975-284-7341	TUBE: flexible (GE) (4 ft required)	FT			See Group	9501	See Group 9501	16	9	
	X2	0			TUBE: exhaust, diverter to exhaust (25980) 205-007			1	*	*	*	16	2	
	X2	0		4730-358-5965	CLAMP: hose (GE) (81646) 5912			2	*	*	*	16	3	
	P	0		5975-284-7341	TUBE: flexible (GE)	FT			See Group	9501	See Group 9501	16	4	
	X2	0		5310-010-3320	WASHER: muffler mtg (44940) 850-45			2	*	*	*	16	20	

INDEX TO PARTS, FIGURE 16

Reference Number	Functional Group	Item Name
1	0401	MUFFLER
2	0401	TUBE
3	0401	CLAMP
3	0401	CLAMP
4	0401	TUBE
5	2207	LATCH
6	2207	SCREW
7	0401	ELBOW
8	0401	TUBE



INDEX TO PARTS, FIGURE 16 (cont)

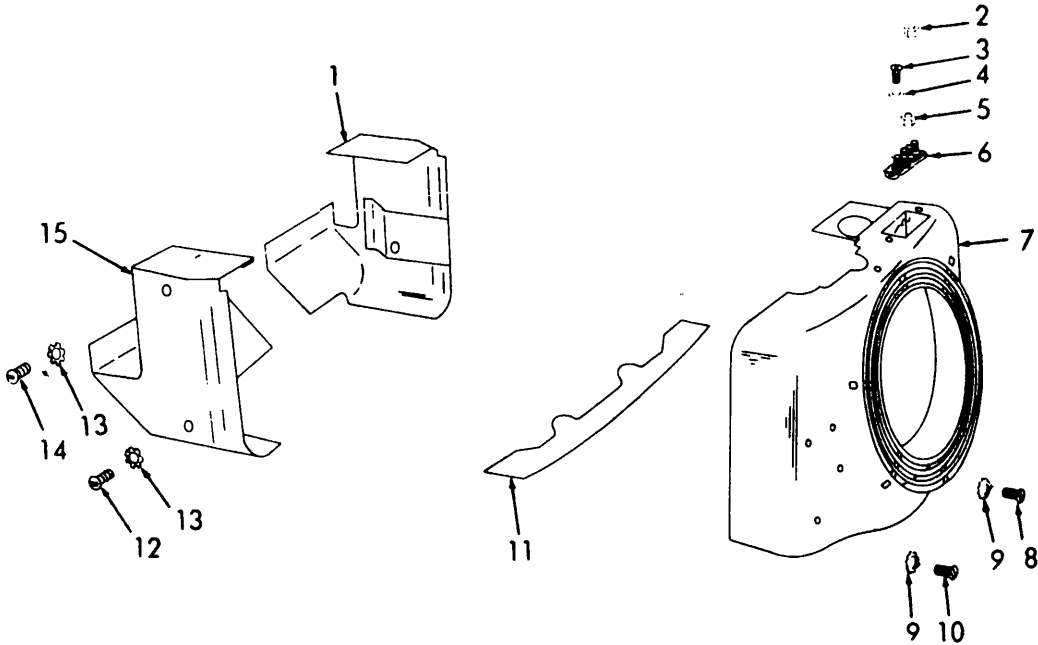
Reference Number	Functional Group	Item Name
9	0401	TUBE
10	0401	PIN
11	2207	TUBE
12	2207	TUBE
13	2207	HOUSING
14	2207	HANDLE
15	2207	CAP
16	2207	BRACKET
17	0110	SCREW
18	0110	WASHER
19	0401	GASKET
20	0401	WASHER
21	0401	NUT
22	0110	MANIFOLD
23	0110	GASKET
24	0401	BOLT

EMC 5-4930-202-12P/4

Figure 16. Intake Manifold, Muffler, and Tubes.

INDEX TO PARTS, FIGURE 17

Reference Number	Functional Group	Item Name
1	0502	HOUSING
2	0603	NUT
3	0603	SCREW
4	0603	WASHER
5	0603	NUT
6	0603	TERMINAL BOARD
7	0502	HOUSING
8	0502	SCREW
9	0502	WASHER
10	0502	SCREW
11	0502	SUPPORT
12	0502	SCREW
13	0502	WASHER
14	0502	SCREW
15	0502	HOUSING

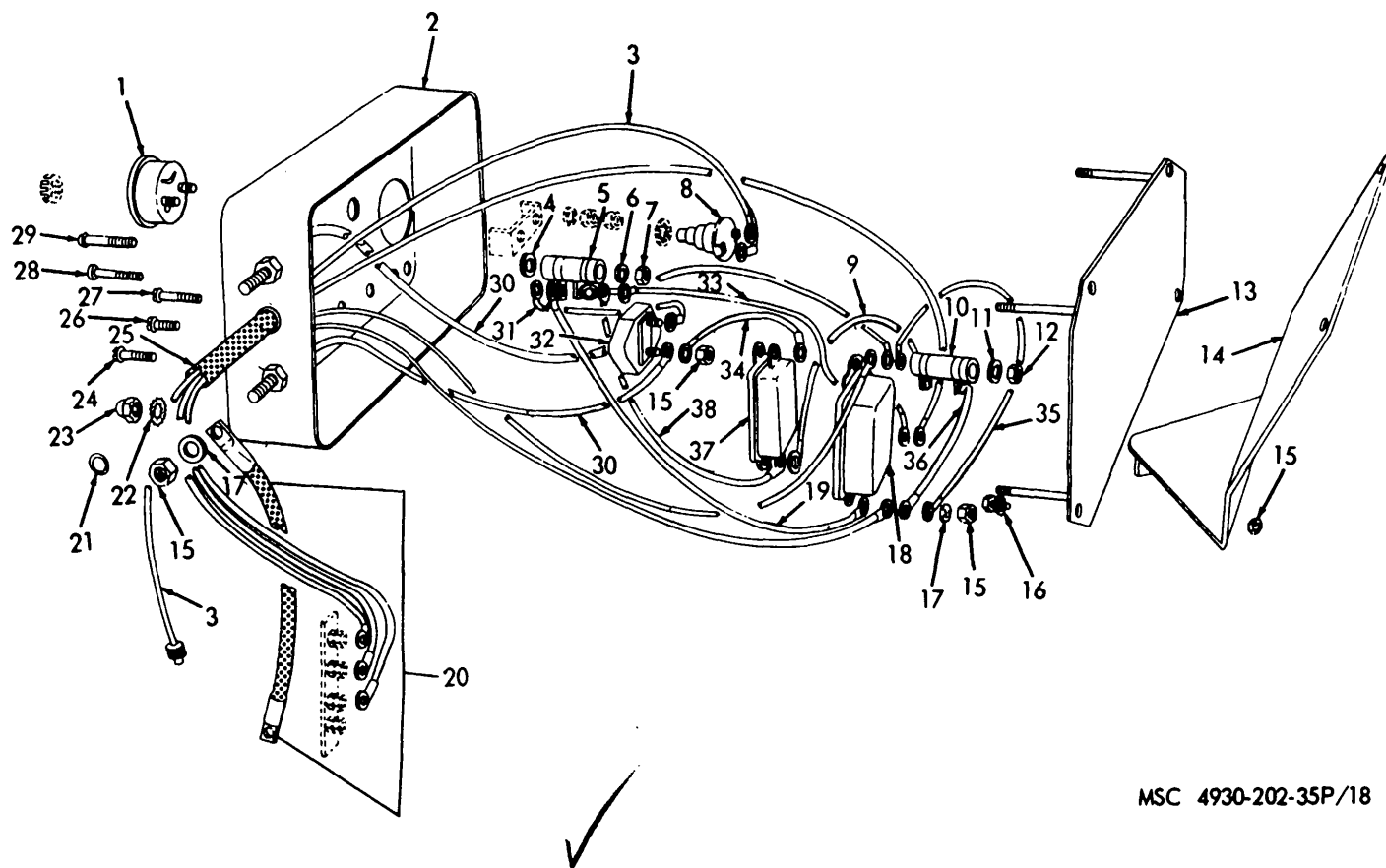


EMC 5-4930-202-12P/10

Figure 17. Air Cylinder and Blower Housing.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH			
GROUP 05 - COOLING SYSTEM									100 EQUIPMENTS				
0502 - COWLING, DEFLECTORS, AIR DUCT, SHROUD													
	X2	0		4930-831-0161	HOUSING: air cylinder, No. 1 cylinder (44940) 1340732			1	*	*	*	17	15
	X2	0		4930-831-0162	HOUSING: air cylinder, No. 2 cylinder (44940) 134D903			1	*	*	*	17	1
	X2	0			HOUSING: blower (44940) 134A894			1	*	*	*	17	7
	X2	0		5305-021-4429	SCREW: air cylinder housing (44940) 813-177			2	*	*	*	17	12
9	X2	0		5305-042-2426	SCREW: air cylinder housing (44940) 813-172			2	*	*	*	17	14
9	X2	0		5305-059-7930	SCREW: blower housing mtg			2	*	*	*	17	8

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
	X2	0		5305-208-4583	SCREW: blower housing mtg (44940) 800-3			1	*	*	*	17	10
	X2	0		4930-831-0160	SUPPORT: blower housing (44940) 134C798			1	*	*	*	17	11
9	X2	0		5310-017-4916	WASHER: blower housing			3	*	*	*	17	9
	X2	0		5310-011-5548	WASHER: cylinder housing mtg (44940) 856-8			4	*	*	*	17	13
GROUP 06 - ELECTRICAL SYSTEM 0602 - GENERATOR REGULATOR													
9	X2	0		5310-012-4818	NUT: regulator lead attaching (25980) 101-324			4	*	*	*	18	15
	X2	0		5310-281-1238	NUT: resistor mtg			1	*	*	*	18	7
	X2	0		5310-758-3394	NUT: resistor mtg			1	*	*	*	18	12
	P	0		2920-876-3840	REGULATOR (19728) CB4028SPEC122			1	3	*	20	18	37
	P	0		2920-379-2836	REGULATOR: voltage (19728) VAR4001			1	3	*	20	18	18
11	P	0		5905-100-4589	RESISTOR: control assembly (44940) 304A1			1	3	*	20	18	5
	P	0		5905-101-5432	RESISTOR: control assembly (44940) 304-49			1	3	*	20	18	10
	X2	0		5305-017-9791	SCREW: regulator mtg (25980) 100-333			2	*	*	*	18	26
9	X2	0		5305-558-3677	SCREW: regulator mtg			2	*	*	*	18	24
9	X2	0		5305-010-8763	SCREW: resistor mtg			1	*	*	*	18	29
9	X2	0		5305-042-2836	SCREW: resistor mtg			1	*	*	*	18	28
9	X2	0		5310-209-0709	WASHER: regulator lead attaching			4	*	*	*	18	17
	X2	0		5310-197-3121	WASHER: resistor mtg			1	*	*	*	18	6
9	X2	0		5310-282-6399	WASHER: resistor mtg			1	*	*	*	18	11
	X2	0		5310-476-2581	WASHER: resistor mtg (44940) 304-15			2	*	*	*	18	4
0603 - STARTER													
9	X2	0		5310-012-0376	NUT: terminal board			1	*	*	*	17	5
	X2	0		5310-281-1238	NUT: terminal board			2	*	*	*	17	2
	X2	0		5305-017-9791	SCREW: terminal board			2	*	*	*	17	3
	P1	F	R	2920-429-2971	STARTER: generator, engine (44940) 03ACK239			1	*	*	*	2	19
	X2	F		2920-785-0610	ARMATURE (44940) 201A446			1	*	*	*	19	2
	P1	F		3110-585-3296	BEARING (21760) FS1165			1	*	*	6	19	3
	X2	0		2805-445-2234	BLOWER AND HUB (44940) 134C232			1	*	*	*	19	12
9	X2	0		5305-012-0757	SCREW: hub attaching			4	*	*	*	19	14
	X2	0		5310-013-1096	WASHER: hub attaching			4	*	*	*	19	13
11	P	F		5977-342-0942	BRUSH BLOCK ASSEMBLY (44940) 212A146			4	10	*	80	19	23
11	P	0		5977-617-1350	BRUSH (Minimum stockage of 4 is authorized) (44940) 214A42			4	8	*	80	19	22
	X1			5340-598-6393	SPRING (44940) 212A1011			4	19	21			
11	P	0		5910-161-6876	CAPACITOR, FIXED (44940) 312A80			1	See Group	0615	See Group 0615		
	X2	F		2920-831-0093	FRAME: generator (44940) 210C134			1	*	*	*	19	4
	X1				POLE PIECE (44940) 221A119			4	*	*	*	19	6
	X1			2920-785-0615	WINDING, FIELD (44940) 222A1253			1	*	*	*	19	7
9	X2	F		5315-715-1699	KEY: hub to armature (44940) 515-1			1	*	*	*	19	26
9	X2	F		5315-721-5405	KEY: starter to crankshaft (44940) 515-2			1	*	*	*		
	X2	0		2920-476-2575	LEAD: capacitor to brush (44940) 336A117			1	See Group	0615	See Group 0615		
9	X2	0		5310-012-0370	NUT: blower and hub attaching (44940) 868-4			1	*	*	*	19	15
9	X2	F		5315-012-1223	PIN: brush block			4	*	*	*	19	24
	X2	F		5305-015-6466	SCREW (44940) 815-32			8	*	*	*	19	5
	X2	F		5305-208-4583	SCREW: bearing support (44940) 800-3			6	*	*	*	19	28

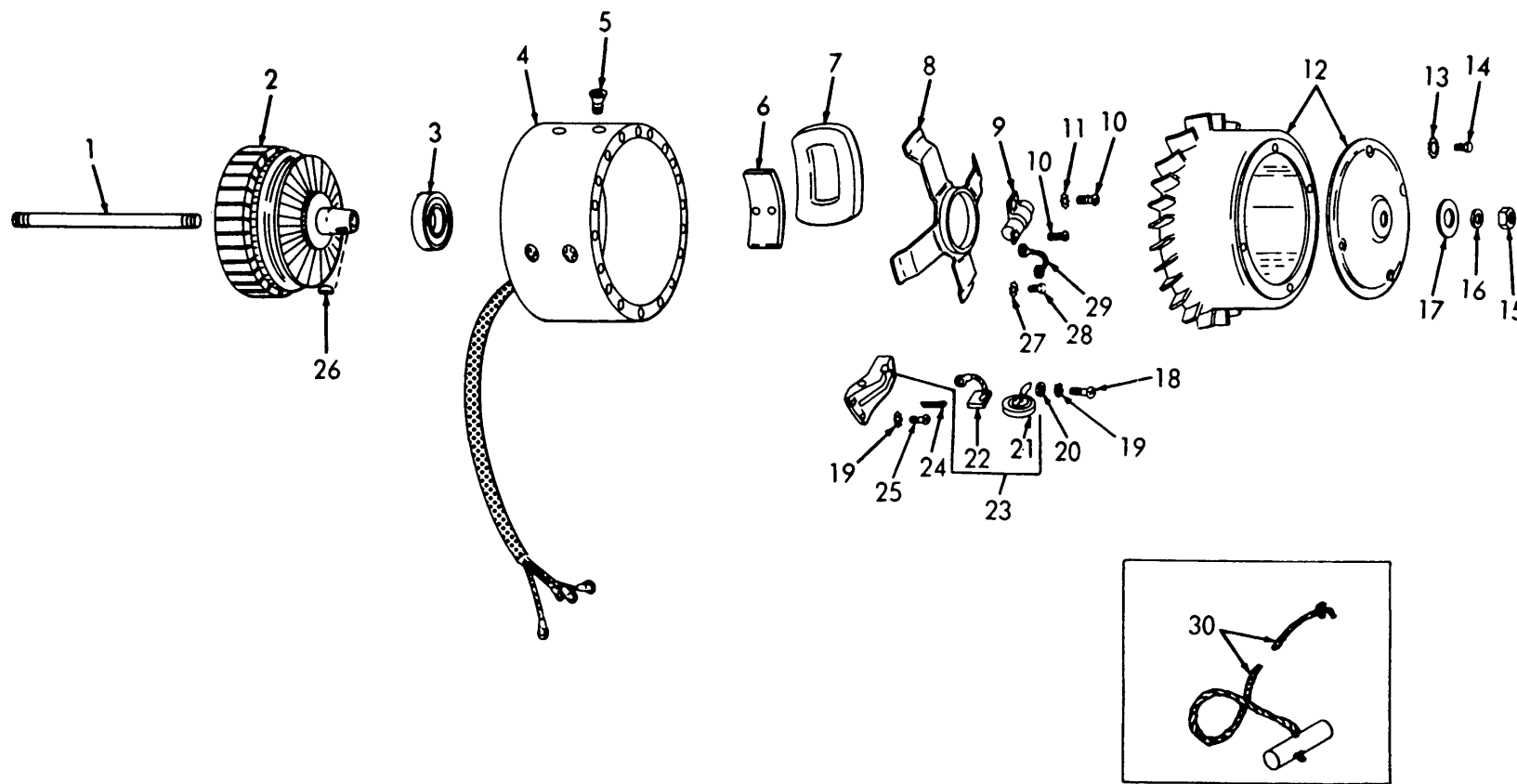


MSC 4930-202-35P/18

Figure 18. Voltage Control Assembly.

INDEX TO PARTS, FIGURE 18

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0607	AMMETER	11	0602	WASHER	19	0607	CABLE	29	0602	SCREW
2	0607	JUNCTION BOX	12	0602	NUT	20	0607	CABLE AY	30	0607	WIRE
3	0607	CABLE AY	13	0607	PLATE	21	0607	GROMMET	31	0607	CABLE
4	0602	WASHER	14	0607	SUPPORT	22	0607	WASHER	32	0607	SWITCH
5	0602	RESISTOR	15	0602	NUT	23	0607	NUT	33	0607	CABLE
6	0602	WASHER	15	0607	NUT	24	0602	SCREW	34	0607	CABLE
7	0602	NUT	16	0607	SCREW	25	0607	WIRING HARNESS	35	0607	CABLE
8	0607	SWITCH	17	0602	WASHER	26	0602	SCREW	36	0607	CABLE
9	0607	CABLE	17	0607	WASHER	27	0607	SCREW	37	0602	REGULATOR
10	0602	RESISTOR	18	0602	REGULATOR	28	0602	SCREW	38	0607	CABLE



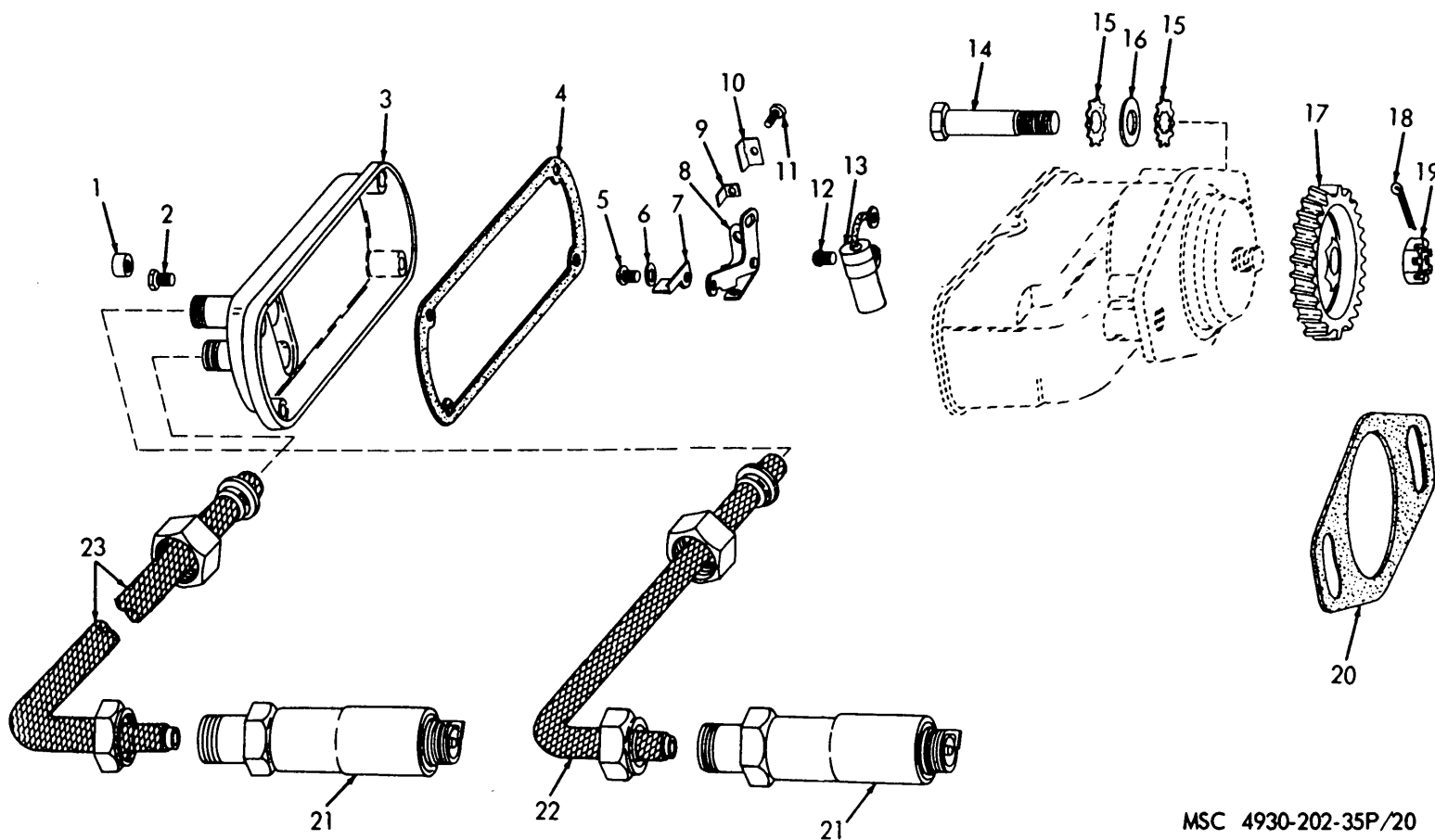
MSC 4930-202-35P/19

Figure 19. Generator and Starter Rope.

INDEX TO PARTS, FIGURE 19

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0603	STUD	9	0615	CAPACITOR	17	0603	WASHER	24	0603	PIN
2	0603	ARMATURE	10	0615	SCREW	18	0603	SCREW	25	0603	SCREW
3	0603	BEARING	11	0615	WASHER	19	0603	WASHER	26	0603	KEY
4	0603	FRAME	12	0603	BLOWER AND HUB	20	0603	WASHER	27	0603	WASHER
5	0603	SCREW	13	0603	WASHER	21	0603	SPRING	28	0603	SCREW
6	0603	POLE PIECE	14	0603	SCREW	22	0603	BRUSH	29	0615	LEAD
7	0603	WINDING	15	0603	NUT	23	0603	BRUSH BLOCK AY	30	0114	STARTER ROPE
8	0603	SUPPORT	16	0603	WASHER						

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.	
									3RD ECH	4TH ECH	5TH ECH			
0603 - STARTER (cont)														
9	X2	F		5305-010-0765	SCREW: brush holder mtg (44940) 813-102			8	*	*	*	19	25	
9	X2	0		5305-018-1313	SCREW: brush mtg (44940) 801-5			4	*	*	*	19	18	
9	X2	0		5305-012-2159	SCREW: capacitor mtg (44940) 161P224			2	See Group	0615	See Group 0615			
	X2	F		5307-826-2343	STUD (44940) 520A461			1	*	*	*	19	1	
	X2	F		2920-446-7412	SUPPORT: armature bearing (44940) 2328395			1	*	*	*	19	8	
	X2	0		2920-476-2578	TERMINAL BOARD (44940) 332A261			1	*	*	*	17	6	
9	X2	F		5310-013-8479	WASHER: bearing support (44940) 853-8			8	*	*	*	19	21	
	X2	F		5310-010-3319	WASHER: brush-block (44940) 850-40			8	*	*	*	19	19	
	X2	0		5310-010-3319	WASHER: brush mtg (44940) 850-40			4	*	*	*			
	X2	0		5310-476-2580	WASHER: brush mtg (44940) 526-16			4	*	*	*	19	20	
	X2	0		5310-011-4604	WASHER: lead and capacitor mtg			8	See Group	0615	See Group 0615			
9	X2	0		5310-010-3322	WASHER: through stud (44940) 850-55			1	*	*	*	19	16	
9	X2	0		5310-209-0711	WASHER: through stud (44940) 526-14			1	*	*	*	19	17	
	X2	0		5310-520-3925	WASHER: terminal board			2	*	*	*	17	4	
0604 - IGNITION COMPONENTS														
	X2	0		2805-324-2686	BRACKET: magneto (44940) 160C293			1	*	*	*	6	14	
	P1	0		2920-725-4605	CABLE ASSEMBLY: rh short (44940) 167A1266			1	*	*	25	20	23	
	X1			5330-321-7542	GASKET: magneto bracket (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100) (44940) 160B386			1				6	15	
	X1			2920-695-4767	GASKET: magneto mtg (Component of GASKET SET, Stock No. 2805-801-3731, See Group 0100) (Can be manufactured from PAPER, Stock No. 5330-233-586) (44940) 12094			1				20	20	
	P1	0		1055-695-4763	LEAD: 1h short (44940) 167A1265			1	*	*	25	20	22	
	P1	0		2920-630-4440	MAGNETO: ignition (Includes components of KIT, Stock No. 2920-709-2855) (82796) FMPE1-2B69			1	*	*	2	21		
	X1			2920-286-2712	BEARING: impulse coupling (82796) F2572			1				21	11	
	X1			3110-144-8998	BEARING: rotor drive end (82796) C5949			1						
	X1			2920-602-4258	BEARING, CAM END (82796) D5949A			1						
	X1				BRACKET: condenser (82796) B2435			1						
	X1			2920-354-0750	CAM WICK AND HOLDER ASSEMBLY (82796) G2788			1				20	7	
	X1			2920-358-6719	CAP: end			1				20	3	
	X1				COIL (82796) QT2477C			1						
	X1				CONDUIT: outlet (82796) S2474X			2						
	X1				COUPLING: magneto (82796) EZ2563C15									
	X1				HUB: coup1ing (82796) EY2563			1				21	8	
	X1			2920-831-0108	SPRING: impulse coupling (82796) N5963			1				21	9	
	X1				SHELL, IMPULSE COUPLING (82796) DX5957			1				21	10	



MSC 4930-202-35P/20

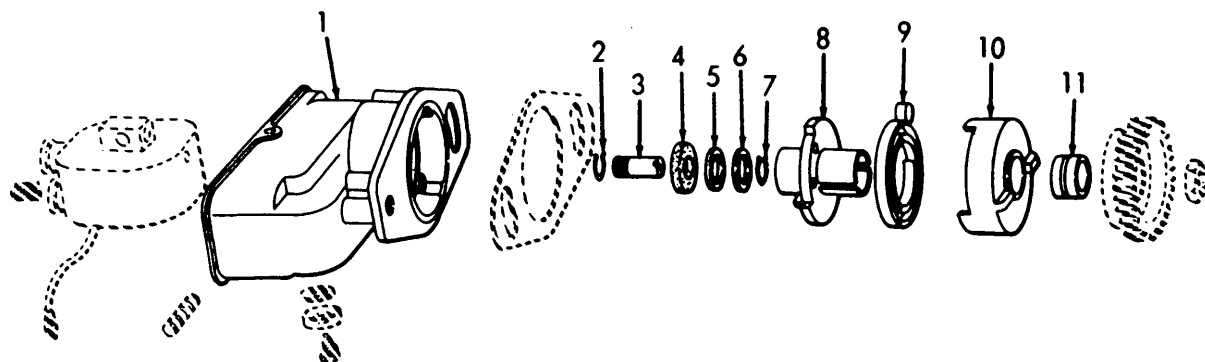
Figure 20. Magneto, Sparkplugs, and Leads.

INDEX TO PARTS, FIGURE 20

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0604	NUT	7	0604	CAMWICK-HOLDER AY	13	0604	CAPACITOR	19	0604	NUT
2	0604	SCREW	8	0604	CONTACT SET	14	0604	SCREW	20	0604	GASKET
3	0604	CAP	9	0604	SPRING	15	0604	WASHER	21	0604	SPARK PLUG
4	0604	GASKET	10	0604	INSULATOR	16	0604	WASHER	22	0604	LEAD
5	0604	SCREW	11	0604	SCREW	17	0604	GEAR	23	0604	CABLE AY
6	0604	WASHER	12	0604	SCREW	18	0604	PIN			

INDEX TO PARTS, FIGURE 21

Reference Number	Functional Group	Item Name
1	0604	FRAME
2	0604	RING
3	0604	PIN
4	0604	SEAL
5	0604	WASHER
6	0604	WASHER
7	0604	SPRING
8	0604	HUB
9	0604	SPRING
10	0604	SHELL
11	0604	BEARING



MSC 4930-202-35P/21

Figure 21. Magneto Frame.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.	
									3RD ECH	4TH ECH	5TH ECH			
0604 - IGNITION COMPONENTS (cont)														
	X1			2920-354-0741	SPRING: impulse coupling drive (82796) D2565			1					21	7
	X1				COVER: magneto, vent (82796) B6030A			1						
	X1				FERRULE: terminal ground (82796) B1077			1						
	X1				FRAME: magneto (82796) KZ2425			1					21	1
	X2	0			GEAR: magneto, drive (44940) 160A294			1	*	*	*		20	17
	X1				INSULATOR: terminal ground (82796) C1166X			1						
	X1			5315-715-1699	KEY: shaft to impulse coupling (82796) 3K1			1						
	X1			5310-448-5484	NUT: ground cable (82796) A2735A			1					20	1
	X1			5310-366-7158	NUT, IMPULSE COUPLING (82796) M2570			1					20	19
9	X1			5315-011-2726	PIN: gear retaining (44940) 516-37			1					20	18
	X1			2920-537-1334	PIN, STOP: impulse coupling (82796) B2568			1					21	3
	X1				ROTOR (82796) XS2480			1						
9	X1			5305-206-8263	SCREW: bearing support (82796) 8S6G			4						
9	X1			5305-010-0749	SCREW: capacitor mtg (82796) 8S4U			1					20	12
	X1			5305-022-8322	SCREW: contact support			2					20	5
9	X1			5305-286-1948	SCREW: rotor drive end bearing (82796) 855X			1						
9	X1			5305-042-0450	SCREW: terminal breaker are (82796) 6S6U			1					20	11
9	X1			5305-013-2688	SCREW: vent cover (82796) 6S4L			1						

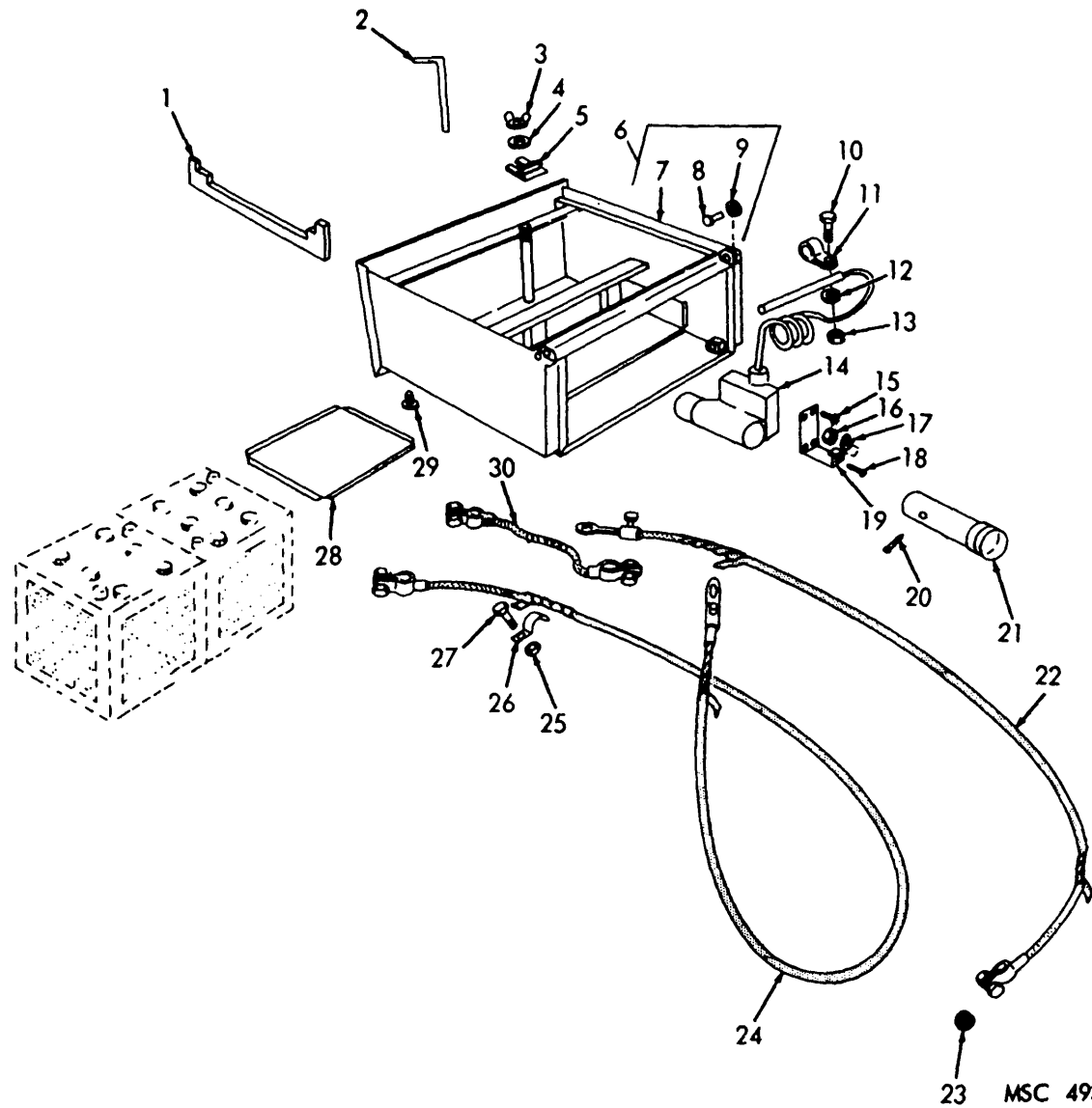
SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
	9	X1		5305-543-2281	SETSCREW: coil bridge (82796) 31SS12B			2	100 EQUIPMENTS					
		X1		2920-537-1330	SPRING: coil lead (82796) B967			2						
		X1		2920-333-3923	SPRING: grounding, contact support (82796) D2513A			1				20	9	
		X1			SUPPORT: sleeve bearing (82796) BY4631			1						
		X1			TERMINAL: cable ground (82796) C3969			1						
		X1		5310-205-7981	WASHER: bearing support and grease retaining (827%) A2492C			1						
	9	X1		5310-186-7410	WASHER: contact support (82796) B5969			2				20	6	
		X1		5310-794-8555	WASHER: rotor drive end (82796) A2492D			1						
		X1			WASHER: terminal ground (82796) A6018			1						
	9	X1		5335-830-9983	WIRE FABRIC (82796) C6032B			1						
	9	X2	0	5310-350-3036	NUT: magneto bracket (44940) 110A445			2				6	12	
		P	0	2920-709-2855	PARTS KIT, IGNITION MAGNETO (82796) SK52			1	8	100				
		X1		5910-679-5893	CAPACITOR (82796) LV2433			1				20	13	
		X1		2920-679-5892	CONTACT SET (82796) Q2437A			1				20	8	
		X1		2920-217-3489	GASKET: end cap magneto (82796) N2498			1				20	4	
		X1			INSULATOR: contact support spring (82796) L6018			1				20	10	
		X1			RING (1) (82796) A1498F			0						
		X1			RING (1) (82796) V1498			0						
		X1		5340-143-5280	RING: drive end (82796) C1498D			1				21	2	
		X1		5305-281-6387	SCREW: end cap (82796) 10SI0D			4				20	2	
		X1		2920-356-1221	SEAL: rotor drive end (82796) G3861			1				21	4	
		X1		5310-285-1591	WASHER: end seal outer (82796) A2492A			1				21	6	
		X1		5310-205-7981	WASHER: rotor drive and seal inner (82796) A2492C			1				21	5	
	9	X2	0	5305-017-9849	SCREW: magneto to bracket (44940) 800-56			2	*			20	14	
		P	0	2920-651-2038	SPARK PLUG (Minimum stockage of 2 is authorized) (11583) XEH9			2	34	*	200	20	21	
		X2	0	5310-013-8538	WASHER: magneto bracket (44940) 854-17			2	*	*	*	6	13	
	9	X2	0	5310-017-8551	WASHER: magneto to bracket (44940) 856-10			4	*	*	*	20	15	
		X2	0	5310-205-7980	WASHER: magneto to bracket (44940) 526A30			2	*	*	*	20	16	
0607 - INSTRUMENT OR ENGINE CONTROL PANEL														
		M	0		CABLE: ammeter to start switch MANUFACTURE FROM:			1				18	31	
	9	P	0	6145-164-6948	CABLE: power electrical (GE) (4 in. required)	FT			See Group	9501	See Group 9501			
		X2	0	5940-050-6209	TERMINAL			1	*	*	*			
	11	X2	0	5940-050-6221	TERMINAL			1	*	*	*			
		M	0		CABLE: regulator ground MANUFACTURE FROM:			1				18	35	
	9	P	0	6145-164-6948	CABLE: power electrical (GE) (6 in. required)	FT			See Group	9501	See Group 9501			
		X2	0	5940-050-6209	TERMINAL			2	*	*	*			
		M	0		CABLE: regulator to resistor MANUFACTURE FROM:			1				18	3	
	9	P	0	6145-164-6948	CABLE: power electrical (GE) (10 in. required)	FT			See Group	9501	See Group 9501			
		X2	0	5940-050-6209	TERMINAL			2	*	*	*			
		M	0		CABLE: relay to ammeter MANUFACTURE FROM:			1				18	38	
	9	P	0	6145-164-6948	CABLE: power electrical (GE) (6 in. required)	FT			See Group	9501	See Group 9501			
		X2	0	5940-050-6209	TERMINAL			2	*	*	*			

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
					0607 - INSTRUMENT OR ENGINE CONTROL PANEL (cont)									
9	M	0		6145-164-6948 5940-005 6209	CABLE: resistor to regulator ground MANUFACTURE FROM: CABLE: power electrical (GE) (8 in. required) TERMINAL	FT		1	See Group *	9501 *	See Group *	9501	18	19
	P X2	0	0					2						
9	M	0		6145-164-6948 5940-050-6209	CABLE: resistor to relay MANUFACTURE FROM: CABLE: power electrical (GE) (4 in. required) TERMINAL	FT		1	See Group *	9501 *	See Group *	9501	18	9
	P X2	0	0					1						
9	P x12	0	O	6145-164-6948 5940-050-6209	CABLE: switch to relay MANUFACTURE FROM: CABLE: power electrical (GE) (4 in. required) TERMINAL	FT		1	See Group *	9501 *	See Group *	9501	18	34
								2						
9	P X2	0	O	6145-164-4948 5940-050-6209	CABLE: voltage regulator ground to resistor MANUFACTURE FROM: CABLE: power electrical (GE) (3 in. required) TERMINAL	FT		1	See Group *	9501 *	See Group *	9501	18	36
								1						
9	P X2	0	O	6145-519-2683 5940-271-9704	CABLE ASSEMBLY (25980) 204-604 MANUFACTURE FROM: WIRE, COPPER (8 in., required) TERMINAL (GE)	FT		1	See Group *	9501 *	See Group *	9501	18	20
								2						
	X2	0			CONTROL ASSEMBLY: voltage (44940) 300-232			1	*	*	*	*	18	
11	P1	0		6625-252-5545	AMMETER (51240) 401C13			1	*	*	5	*	18	1
10	X2	0		5325-281-4368	GROMMET (44940) 508-8			1	*	*	*	*	18	21
	X2	0			JUNCTION BOX (44940) 301C1647			1	*	*	*	*	18	2
9	X2	0		5310-012-4818	NUT (25980) 101-324			4	See Group	0602	See Group	0602		
9	X2	0		5310-013-1420	NUT			4	*	*	*	*	18	23
	X2	0			PLATE: back (44940) 301B531			1	*	*	*	*	18	13
	P	0		2920-876-3840	REGULATOR (19728) CB4028SPEC122	1		See Group	0602	See Group	0602			
	P	0		2920-379-2836	REGULATOR: voltage (19728) VAR4001SPNC			1	See Group	0602	See Group	0602		
11	P	0		5905-100-4589	RESISTOR (44940) 304A11			1	See Group	0602	See Group	0602		
	P	0		5905-101-5432	RESISTOR: fixed (44940) 304-49			1	See Group	0602	See Group	0602		
9	X2	0		5305-011-3983	SCREW			2	*	*	*	*	18	27
9	X2	0		5305-558-3677	SCREW			2	See Group	0602	See Group	0602		
	P1	0		5930-253-1635	SWITCH: magneto grounding (60427) D12300A			1	*	*	5	*	18	8
	P1	0		5930-274-5124	SWITCH: push, start (44940) 308A28			*	*	*	5	*	18	32
9	X2	0		5310-017-4916	WASHER			4	*	*	*	*	18	22
9	X2	0		5310-209-0709	WASHER			4	See Group	0602	See Group	0602		
9	X2	0		5310-209-0709	WASHER: regulator terminal			5	*	*	*	*	18	17
	X2	0		2920-476-2577	WIRING HARNESS (44940) 338B200			1	*	*	*	*	18	25
	X1	0		2920-476-2576	CABLE ASSEMBLY: magneto to stop switch (44940) 338B164			1	*	*	*	*	18	3
9	X2	0		5310-012-4818	NUT: support mtg			6	*	*	*	*	18	15

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE	DEPOT MAINTENANCE	FIG. NO.	ITEM NO.	
									3RD ECH	4TH ECH			5TH ECH
	X2	0			SCREW ASSEMBLED WASHER: support mtg (25930) 101-761			6	100 EQUIPMENTS			18	16
9	X2	0		5305-286-1494	SCREW			6	*	*	*		
9	X2	0		5310-012-1753	WASHER			6	*	*	*		
	X2	0			SUPPORT: control panel (25980) 204-793			1	*	*	*	18	14
11	M	0			WIRE: electrical, starter switch to terminals on box MANUFACTURE FROM:			2				18	30
	X2 P	0 0		5940-050-6221 6145-643-2498	TERMINAL WIRE: copper (GE) (6 in. required for each WIRE)	FT		2	See Group	9501	See Group 9501		
					0612 - BATTERIES, STORAGE, WET OR DRY								
	X2	0			BAR: locking battery (25980) 161-935			1	*	*	*	22	2
9	P	0		6140-057-2554	BATTERY (25980) 161-283			2	*	*	*		
	X2	0		5306-441-4643	BOLT: cable strap mtg (25980) 101-756			1	*	*	*	22	27
9	M	0			CABLE: neg. to ground MANUFACTURE FROM:			1				22	22
	P	0		5970-503-0174	INSULATION TAPE (GE) (12 in. required)	RL		1	See Group	9501	See Group 9501		
	X2 X2 P	0 0 0		5940-271-9704 5940-533-3079 6145-519-2683	TERMINAL (GE) TERMINAL WIRE, COPPER (3 ft 10 in. required)	FT		1 1	* See Group	* 9501	* See Group 9501		
	X2	0			DRAWER: battery (25980) 204-776			1	*	*	*	22	6
	X2	0			BRACKET: temperature control (25980) 161-919			1	See Group	2207	See Group 2207		
	X2	0		4930-831-1248	CLAMP: battery hold-down (25980) 204-779			4	*	*	*	22	5
9	X2	0		5310-011-0633	NUT (25980) 100-179			2	*	*	*		
9	X2	0		5310-266-0351	NUT (25960) 101-324			2	*	*	*		
9	X2	0		5310-655-9647	NUT: locking bar (25980) 101-788			4	*	*	*	22	3
9	X2	0		5315-014-1199	PIN (25980) 162-114			4	*	*	*	22	8
10	X2	0		4930-805-3343	ROLLER: battery tray (25980) 162-113			4	*	*	*	22	9
9	X2	0		5305-014-5183	SCREW (25980) 100-831			4	*	*	*		
	X2	0			SCREW (25980) 100-333			2	*	*	*		
9	X2	0		5305-043-6730	SCREW (25980) 101-577			2	*	*	*		
	X2	0			SCREW: cap, hexagon head, 10-32 thd size, 5/16 in. lg (25980) 101-758			4	*	*	*		
9	X2	0		5305-010-1988	SCREW: 0.163 in. dia (25980) 101-780			8	*	*	*	22	29
	X2	0			SHIM: battery (25980) 161-939			4	*	*	*	22	1
	X2	0		5340-798-1317	STRAP: temperature control tube (25980) 161-940			2	See Group	2207	See Group 2207		
	X2	0			TRAY: battery (25980) 161-938			2	*	*	*	22	28
	X2	0			TRAY: battery (25980) 204-777			1	*	*	*	22	7
	X2	0			TUBE: heat duct (25980) 161-937			1	See Group	2207	See Group 2207		
9	X2	0		5310-012-1753	WASHER (25980) 100-985			2	*	*	*		
9	X2	0		5310-013-8479	WASHER (25980) 100-732			2	*	*	*		
10	P1	0		5325-276-6057	GROMMET (25980) 101-765			2	*	*	10	22	23
	M	0			LEAD: battery to control panel (25980) 204-606			1				22	24
9	P	0			MANUFACTURE FROM:	RL		1	See Group	9501	See Group 9501		
	X2	0		5970-503-0174	INSULATION TAPE (12 in. required) (GE)			1	*	*	*		
	X2 P	0 0		5940-271-9704 5940-533-3079 6145-519-2683	TERMINAL (GE) TERMINAL WIRE, COPPER (6 ft 11 in. required)	FT		1 1	* See Group	* 9501	* See Group 9501		
10	M	0			LEAD: neg. to pos. post (25980) 204-603			1				22	30
	P	0		5970-503-0174	MANUFACTURE FROM: INSULATION TAPE (GE) (24 in. required)	RL			See Group	9501	See Group 9501		

INDEX TO PARTS, FIGURE 22

Reference Number	Functional Group	Item Name
1	0612	SHIM
2	0612	BAR
3	0612	NUT
4	0612	WASHER
5	0612	CLAMP
6	0612	DRAWER
7	0612	TRAY
8	0612	PIN
9	0612	ROLLER
10	2207	SCREW
11	2207	STRAP
12	2207	WASHER
13	2207	NUT
14	2207	SWITCH
15	2207	SCREW
16	2207	NUT
17	2207	WASHER
18	2207	SCREW
19	2207	BRACKET
20	2207	SCREW
21	2207	TUBE
22	0612	CABLE
23	0612	GROMMET
24	0612	LEAD
25	0612	NUT
26	0612	STRAP
27	0612	BOLT
28	0612	TRAY
29	0612	SCREW
30	0612	LEAD

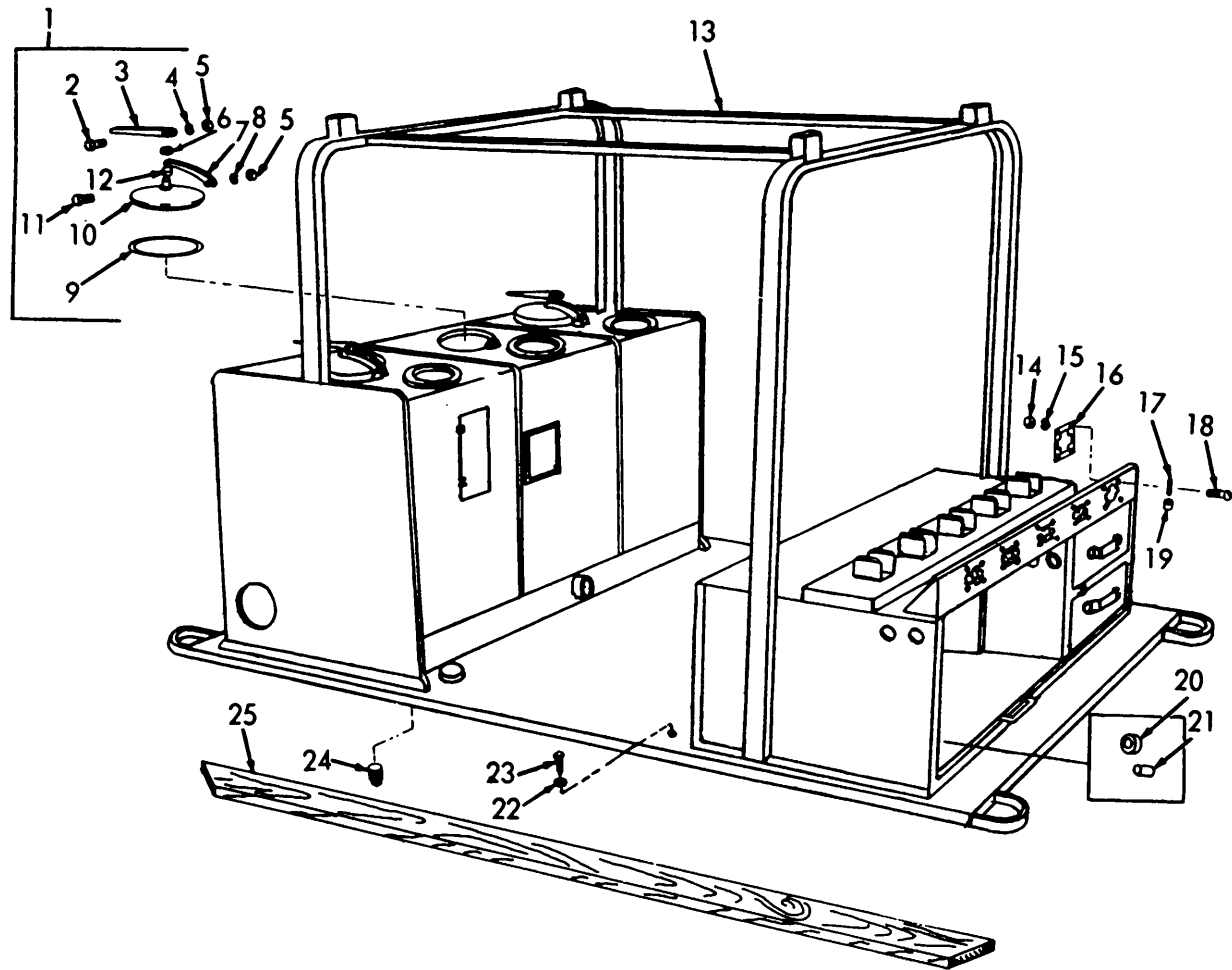


MSC 4930-202-35P/22

Figure 22. Battery Drawer and Components.

INDEX TO PARTS, FIGURE 23

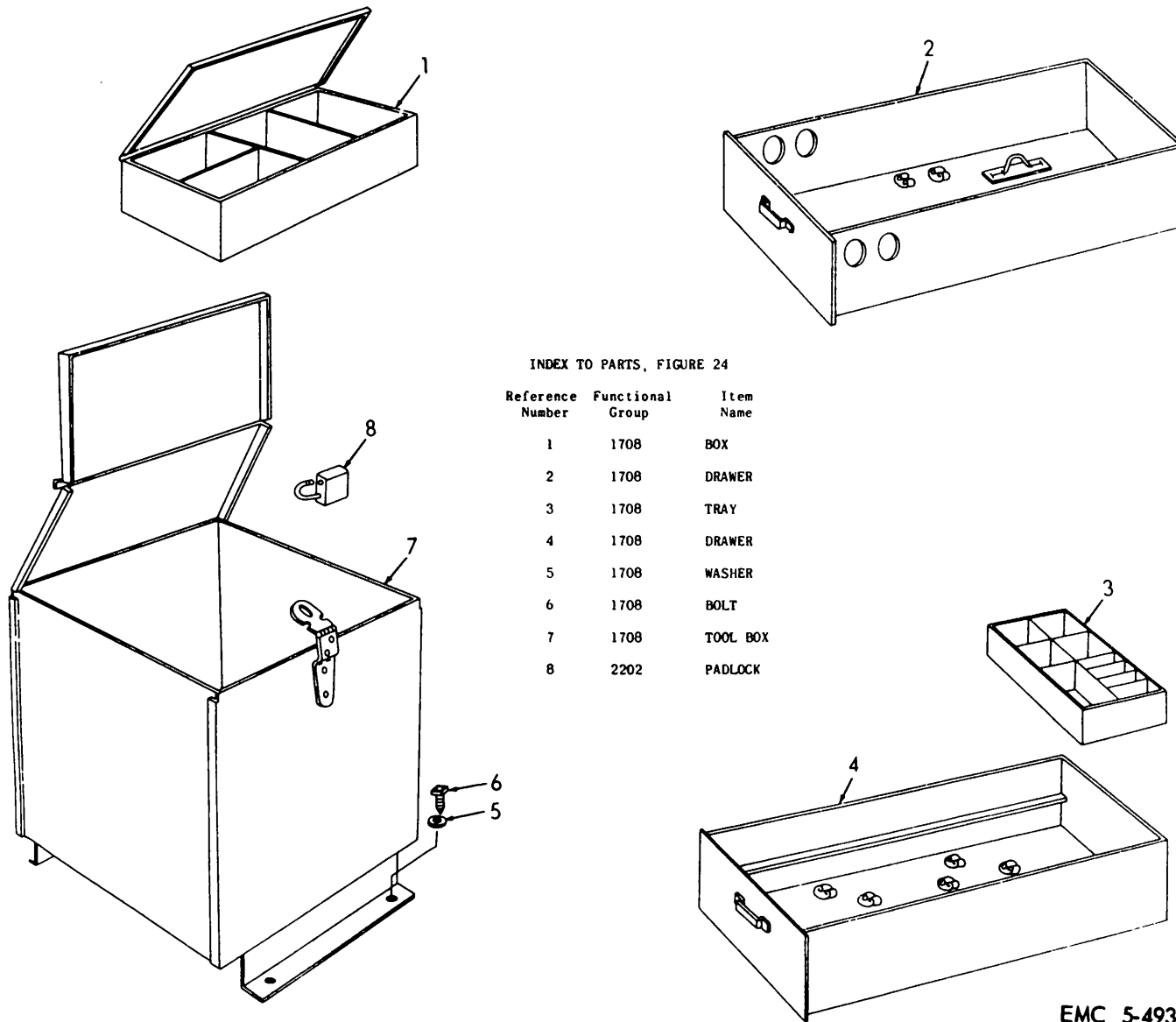
Reference Number	Functional Group	Item Name
1	7201	COVER AY
2	7201	BOLT
3	7201	HANDLE
4	7201	WASHER
5	7201	NUT
6	7201	WASHER
7	7201	STRAP
8	7201	WASHER
9	7201	RUBBER STRIP
10	7201	COVER
11	7201	BOLT
12	7201	SPACER
13	1501	FRAME
14	1708	NUT
15	1708	WASHER
16	1708	PLATE
17	1708	PIN
18	1708	SCREW
19	1708	ROLLER
20	1501	ROLLER
21	1501	PIN
22	1501	WASHER
23	1501	BOLT
24	7201	PLUG
25	1501	SKID



MSC 4930-202-35P/23

Figure 23. Frame and Components.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
0612 - BATTERIES, STORAGE, WET OR DRY (cont)													
				5940-533-3079	TERMINAL (25980) 101-676			2	*	*	*		
9	X2	0		6145-519-2683	WIRE, COPPER (7 in. required)	FT		1	See Group	9501	See Group 9501		
9	X2	0		5310-266-0385	NUT: strap mtg bolt (25980) 100-015			1	*	*	*	22	25
	X2	0		5340-798-1310	STRAP: cable (25980) 101-431			1	*	*	*	22	26
3	P	0		6810-249-9354	SULPHURIC ACID: electrolyte (2 gal required)	GAL		1	See Group	9501	See Group 9501		
	X2	0		5310-058-3651	WASHER: locking bar			4	*	*	*	22	4
0615 - RADIO INTERFERENCE SUPPRESSION													
11	P	0		5910-161-6876	CAPACITOR: fixed starter (44940) 312A80			1	3	*	20	19	9
	X2	0		2920-476-2575	LEAD: capacitor to brush (44940) 336A117			1	*	*	*	19	29
9	X2	0		5305-012-2159	SCREW: capacitor mtg (44940) 161P224			2	*	*	*	14	10
	X2	0		5310-011-4604	WASHER: lead and capacitor mtg			8	*	*	*	19	11
GROUP 15 - FRAME 1501 - FRAME ASSEMBLY													
9	X2	0		5306-014-7540	BOLT: skid mtg (25980) 100-4064			13	*	*	*	23	23
	X	H			FRAME: winterized unit (25980) 204-757			1	*	*	*	23	13
9	X2	0		5315-014-1199	PIN: frame to battery tray (25900) 162-114			2	*	*	*	23	21
10	X2	0		4930-805-3343	ROLLER: frame to battery tray (25900) 162-113			2	*	*	*	23	20
	X2	H			SCREW, ASSEMBLED WASHER: support mtg (25980) 101-761			2	*	*	*		
9	X2	H		5305-286-1494	SCREW: support mtg			2	*	*	*		
9	X2	H		5310-012-1753	WASHER: support mtg			2	*	*	*		
	C	0		4930-978-0573	SKID, HARDWARE: engine frame, oak (259800) 162-020			2	*	*	*	23	25
	X2	H			SUPPORT: housing (25980) 204-802			1	*	*	*		
9	X2	0		5310-582-5977	WASHER: skid mtg			13	*	*	*	23	22
GROUP 17 - BOY 1708 - STOWAGE RACKS, BOXES, STRAPS, CARRYING CASES, ROSE REELS													
9	X2	0		5306-014-7540	BOLT: tool box mtg (25980) 100-464			2	*	*	*	24	6
	X2	0			BOX: spare parts (25980) 204-799			1	*	*	*	24	1
	X2	0			BRACKET: valve handle (25900) 152-904			2	*	*	*	25	13
10	P	0		4930-495-5026	BRAKE SHOE: hose reel (25900) 152-902			5	2	*	75	25	20
	X2	0			CHANNEL: hose reel (25980) 204-TI			1	*	*	*	25	18
	X2	0			DRAWER: tool box, lower (25900) 204-766			1	*	*	*	24	4
	X2	0			DRAWER: tool box, upper (25980) 204-767			1	*	*	*	24	2
	X2	0			HANGER: valve (25900) 161-916			2	*	*	*	25	36
9	X2	0		5310-579-1199	NUT: channel mtg (25980) 100-340			8	*	*	*	25	17
	X2	0		5310-012-0399	NUT: pedestal brake mtg			20	*	*	*	25	32



INDEX TO PARTS, FIGURE 24

Reference Number	Functional Group	Item Name
1	1708	BOX
2	1708	DRAWER
3	1708	TRAY
4	1708	DRAWER
5	1708	WASHER
6	1708	BOLT
7	1708	TOOL BOX
8	2202	PADLOCK

EMC 5-4930-202-12P/16

Figure 24. Tool Boxes.

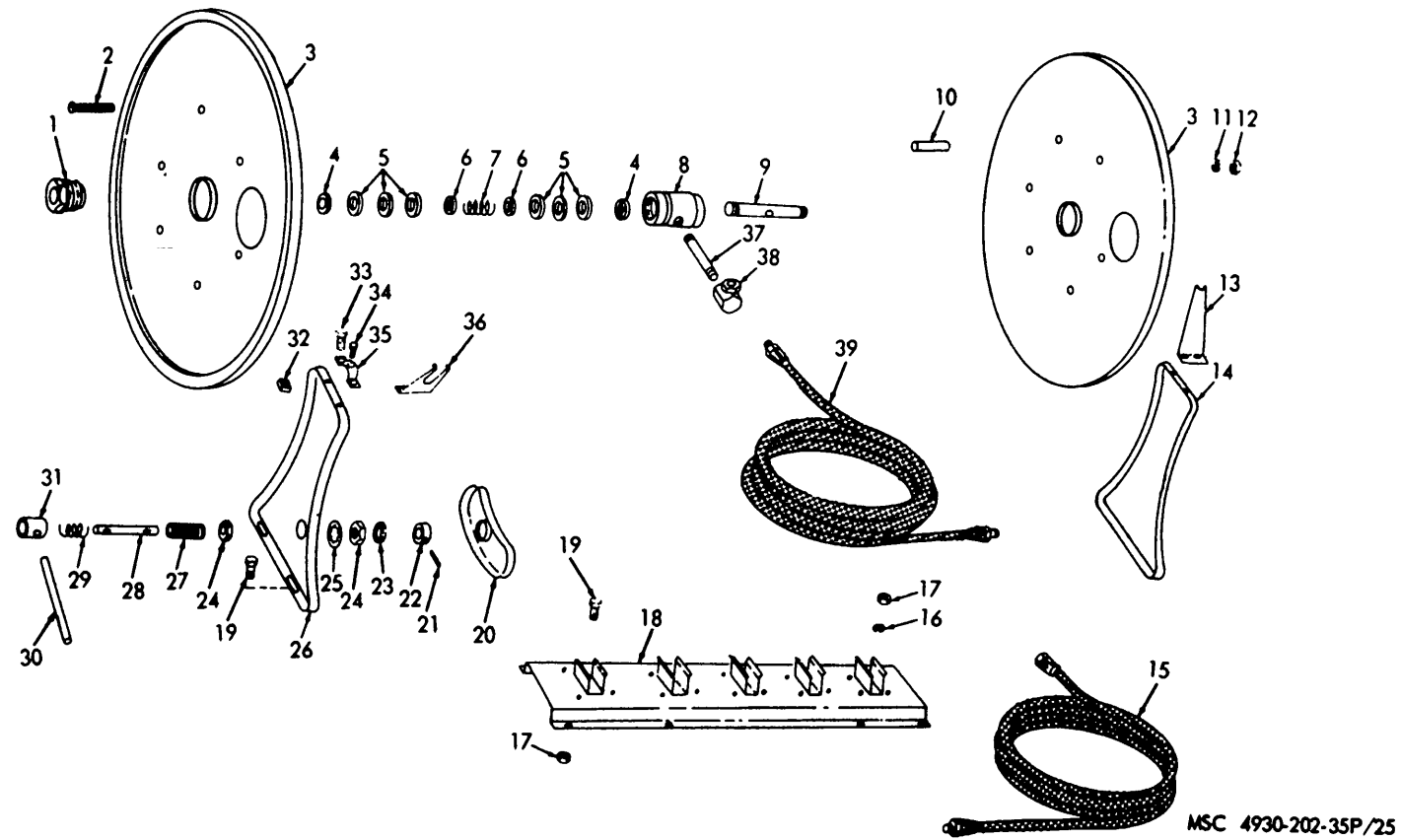


Figure 25. Lubrication Hose Reels and Hose Assemblies.

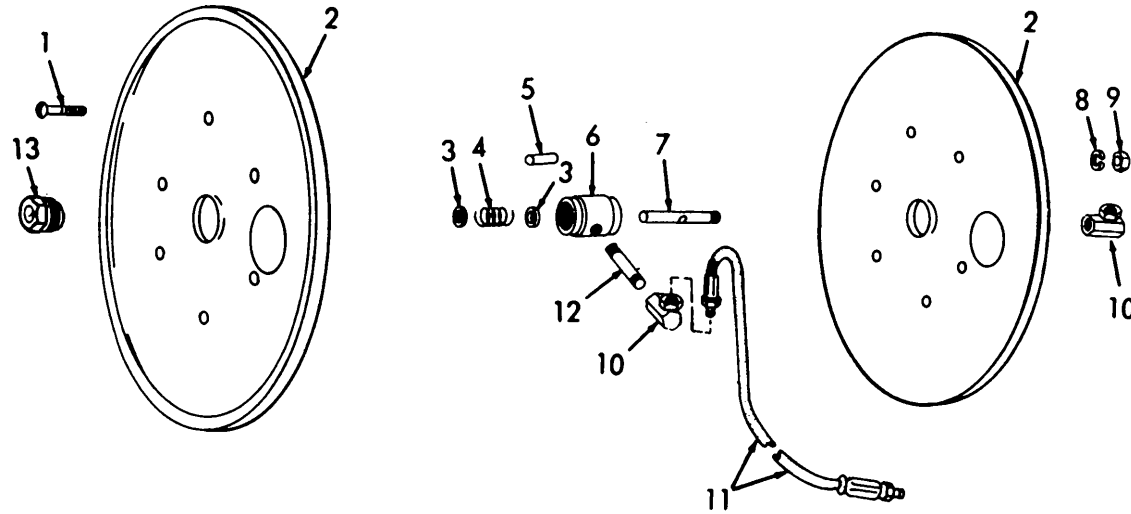
INDEX TO PARTS, FIGURE 25

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	1708	PACKING NUT	11	1708	WASHER	21	1708	PIN	31	1708	COLLAR
2	1708	SCREW	12	1708	NUT	22	1708	CAM	32	1708	NUT
3	1708	DISK	13	1708	BRACKET	23	1708	WASHER	33	1708	SCREW
4	1708	RETAINER	14	1708	PEDISTAL	24	1708	NUT	34	1708	SETSCREW
5	1708	PACKING	15	2202	HOSE AY	25	1708	WASHER	35	1708	YOKE
6	1708	RETAINER	16	1708	WASHER	26	1708	PEDISTAL	36	1708	HANGER
7	1708	SPRING	17	1708	NUT	27	1708	BUSHING	37	1708	NIPPLE
8	1708	HUB	18	1708	CHANNEL	28	1708	PIN	38	1708	ADAPTER
9	1708	SHAFT	19	1708	SCREW	29	1708	SPRING	39	2202	HOSE AY
10	1708	SPACER	20	1708	BRAKE SHOE	30	1708	LEVER			

Figure 25. Lubrication Hose Reels and Hose Assemblies.

INDEX TO PARTS, FIGURE 26

Reference Number	Functional Group	Item Name
1	1708	SCREW
2	1708	DISK
3	1708	PACKING
4	1708	SPRING
5	1708	SPACER
6	1708	HUB
7	1708	SHAFT
8	1708	WASHER
9	1708	NUT
10	1708	UNION
11	2202	HOSE AY
12	1708	NIPPLE
13	1708	PACKING NUT



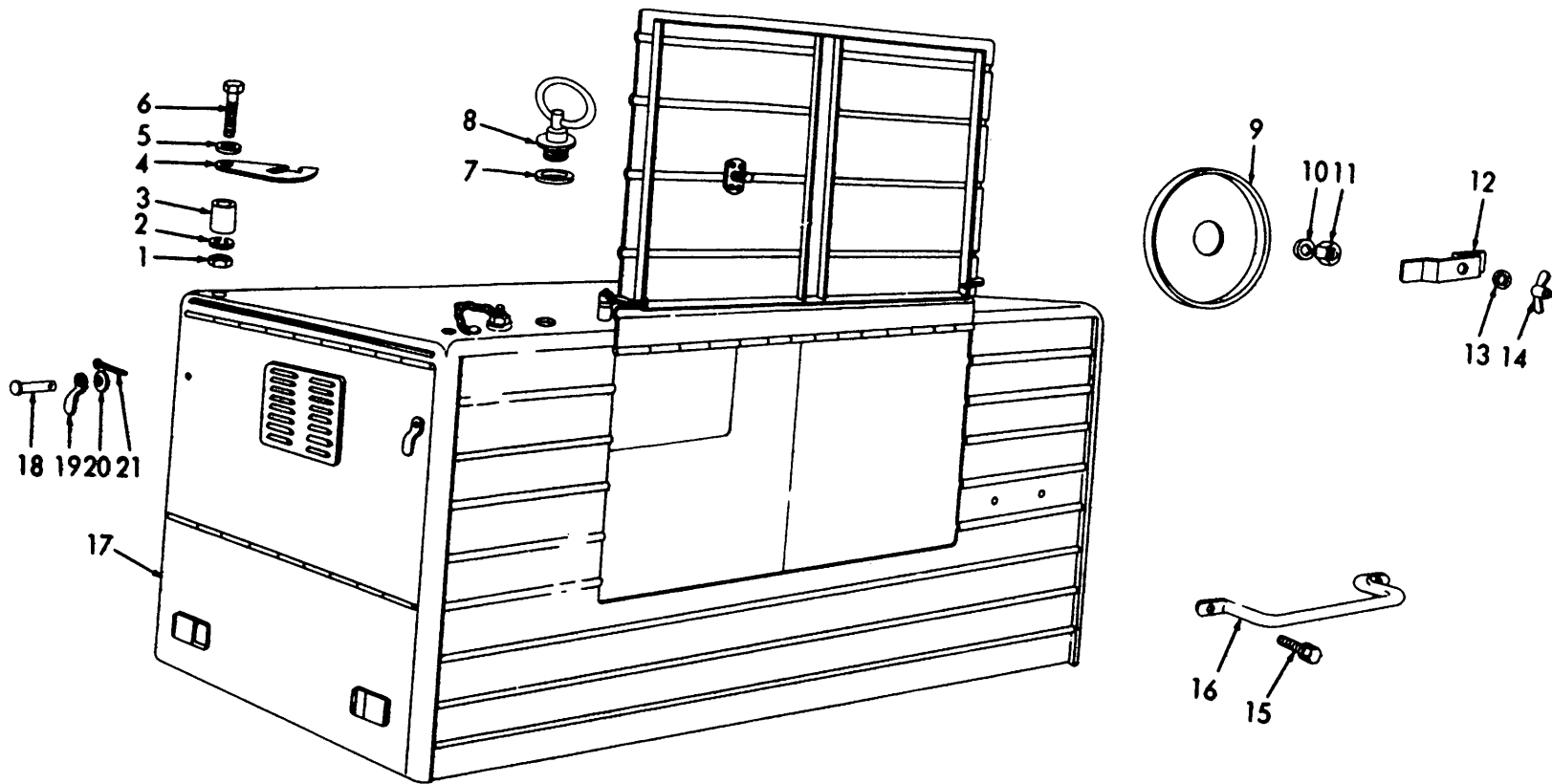
MSC 4930-202-35P/26

Figure 26. Air Reel Assembly.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND- ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
					1708 - STOWAGE RACKS, BOXES, STRAPS, CARRYING CASES, HOSE REELS (cont)				100 EQUIPMENTS				
9	X2	0		5310-266-0385	NUT: plate mtg (25960) 100-015			20	*	*	*	23	14
	X2	0			PEDESTAL: brake (25980) 200-890			5	*	*	*	25	
	P1	-		4730-725-5516	BUSHING (25980) 153-123			5	*	*	25	25	27
	X2	0		4930-831-3971	CAN: brake adjusting (25980) 153-124			5	*	*	*	25	22
	X2	0		4930-831-1244	COLLAR: shaft (25980) 153-127			5	*	*	*	25	31
	X2	0			LEVER: brake (25960) 153-126			5	*	*	*	25	30
9	X2	0		5310-221-4797	NUT (25980) 100-071			10	*	*	*	25	24
	X2	0			PEDESTAL (25980) 153-121			5	*	*	*	25	26
		0		5315-796-1272	PIN: brake cm (25960) 153-129			5	*	*	*	25	21
	P	0-		5315-751-8949	PIN, STRAIGHT, IEMLESS: brake adjusting (25980) 153-125			5	*	*	15	25	28
	P	0		5340-691-8136	SPRING (25980) 152-903			5	2	*	50	25	29
9	X2	0		5310-11-5554	WASHER (25980) 100-422			5	*	*	*	25	25

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
											100 EQUIPMENTS			
					1708 - STOWAGE RACKS, BOXES, STRAPS, CARRYING CASES, HOSES (cont)									
	9	X2	0	5310-187-5347	WASHER (25980) 100-241			5	*	*	*	25	23	
		X2	0		PEDESTAL: reel (25980) 153-128			5	*	*	*	25	14	
		X2	0	5315-014-1185	PIN: roller (25980) 153-065			20	*	*	*	23	17	
	10	X2	0	4930-731-8363	PLATE: roller, hose (25980) 153-064			5	*	*	*	23	16	
		X2	0		REEL ASSEMBLY: air (25980) 204-773			1	*	*	*	23	26	
		X2	0		DISK (25980) 162-502			2	See Group	9901	See Group 9901	26	2	
		X2	0	4930-831-1245	HUB (25980) 153-118			1	See Group	9901	See Group 9901	26	6	
		X2	0	4730-188-1870	NIPPLE (GE) (25980) 100-195			1	See Group	9901	See Group 9901	26	12	
		9	X2	0	5310-655-9544	NUT (25980) 100-497		6	*	*	*	26	9	
		P	0	4930-248-3823	PACKING (25980) 152-896			2	2	*	200	26	3	
		X2	0		PACKING NUT (25980) 153-119			1	See Group	9901	See Group 9901	26	13	
	9	X2	0	5305-245-0488	SCREW (25980) 100-479			6	*	*	*	26	1	
		P1	0	4930-831-1246	SHAFT: reel brake (25980) 153-120			1	See Group	9901	See Group 9901	26	7	
	10	X2	0	4930-496-7290	SPACER: reel (25980) 153-131			1	See Group	9901	See Group 9901	26	5	
		P1	0	5340-253-6896	SPRING (25980) 152-897			1	*	*	10	26	4	
		X2	0	4730-691-8137	UNION (70434) 6FA4UFS			2	*	*	*	26	10	
	9	X2	0	5310-011-0730	WASHER (25980) 100-133			6	*	*	*	26	8	
		X2	0		REEL ASSEMBLY: hose lube (25980) 204-772			4	*	**	*	25		
		X2	0	4730-691-8140	ADAPTER: connector, reel (70434) 6FA6UFS			8	*	*	*	25	38	
		X2	0		DISK: reel (25980) 162-502			8	See Group	9901	See Group 9901	25	3	
		X2	0	4930-831-1245	HUB (25980) 153-118			4	See Group	9901	See Group 9901	25	8	
		X2	0	4730-188-1870	NIPPLE (GE) (25980) 100-195			4	See Group	9901	See Group 9901	25	37	
	9	X2	0	5310-655-9544	NUT (25980) 100-307			24	*	*	*	25	12	
		P	0	5330-246-4836	PACKING (80201) 152-898			24	96	*	2400	25	5	
		X2	0		PACKING NUT (25980) 153-119			4	See Group	9901	25	1		
		P	0	4930-292-4001	RETAINER: packing (25980) 152-899			8	33	*	800	25	6	
		X2	0	4930-374-7892	RETAINER: packing (25980) 152-901			8	*	a	25	4		
	9	X2	0	5305-245-0488	SCREW (25900) 100-479			24	*	25	2			
		P1	0	4930-831-1246	SHAFT: reel brake (25980) 153-120			4	See Group	9901	See Group 9901	25	9	
	10	X2	6	4930-496-7290	SPACER: reel (25980) 153-131			24	See Group	9901	See Group 9901	25	10	
	10	P	0	4930-246-7625	SPRING (25980) 152-900			4	1	*	40	25	7	
	9	X2	0	5310-011-0730	WASHER (25980) 100-133			24	*	*	*	25	11	
	10	X2	0	4930-374-7895	ROLLER: hose reel (25980) 153-066			20	*	*	*	23	19	
		X2	0	5305-895-3256	SCREW: channel mtg (25980) 101-801			24	*	*	*	25	19	
	9	X2	0	5305- 733-2265	SCREW: plate mtg (25980) 100-522			20	*	*	*	23	18	
		X2	0	5305-733-2265	SCREW, ASSEMBLED WASHER: yoke mtg(25980) 101-793			20	*	*	*	25	33	
	9	X2	0	5305-017-5200	SCREW			20	*	*	*			
	9	X2	0	5310-013-8485	WASHER			20	*	*	*			
	9	X2	0	5305-010-5110	SETCREW: yoke adjusting (25980) 100-402			10	*	*	*	25	34	
		X2	0		TOOL BOX (25980) 204-763			1	*	*	*.24	7		
		X2	0		TRAY: accessory parts (25980) 204-836			1	*	*	*	24	3	

9	X2	0		5310639-8062	WASHER: channel mtg	(25980) 100-639			4	*	*	*	25	16
9	X2	0		5310-010-3319	WASHER: plate mtg	(25980) 100-016			20	*	*	*	23	15
9	X2	0		5310-582-5977	WASHER: tool box mtg	(25900) 100-132			2	*	*	*	24	5
	X2	0			YOKE: hose reel	(25980) 153-122			10	*	*	*	25	35
1712 - SPECIAL PURPOSE BODIES														
	X2	0			ENCLOSURE ASSEMBLY	(25980) 204-512			1	*	*	*	27	17
	X2	0		5306-018-0081	BOLT	(25960) 100-521			8	*	*	*	27	6
	X2	0			BOLT: eye, enclosure lifting	(25960) 204-614			4	*	*	*	27	8
10	X2	0		4930-785-8079	CATCH: door	(25980) 161-990			8	*	*	*	27	4
	X2	0			CATCH: door, lower	(25960) 162-135			2	*	*	*	27	19
	X2	0			COVER: drum	(25960) 162-187			1	See Group	2602	See Group 2602		
	X2	0			DOOR: double, reel end	(25900) 204-826			1	*	*	*		
	X2	0		5340-533-3047	CATCH: door	(25980) 162-057			2	See Group	9990	See Group 9990		
10	X2	0		4930-805-3342	HINGE: door, reel end	(25980) 162-054			2	See Group	9901	See Group 9901		
	X2	0			DOOR: hopper end	(25980) 204-832			1	*	*	*		
	X2	0		5340-533-3047	CATCH: door	(25980) 162-057			2	See Group	9901	See Group 9901		
10	X2	0		4930-805-3342	HINGE: door side	(25960) 162-054			2	See Group	9901	See Group 9901		
	X2	0			DOOR: side	(25980) 204-812			2	*	*	*		
	X2	0		5340-533-3047	CATCH: door	(25960) 162-057			4	See Group	9901	See Group 9901		
10	X2	0		4930-805-3342	HINGE: door	(25960) 162-054			2	See Group	9901	See Group 9901		
10	P1	0		4930-785-8077	GASKET	(25980) 162-190			4	*	*	20		
	X2	0		4930-831-3974	GASKET: eye bolt	(25980) 161-965			4	*	*	*	27	7
	X2	0			HANDLE: door	(25980) 101-834			4	*	*	*	27	16
	X2	0		5310-010-3091	NUT	(25980) 100-072			4	*	*	*		
	X2	0		5310-266-0386	NUT	(25980) 100-188			8	*	*	*	27	1
	X2	0		5315-010-3363	PIN (25960) 100-063				2	*	*	*	27	21
	X2	0			PIN: straight, headed, catch	(25980) 162-136			2	*	*	*	27	18
	X2	0		5305-226-9268	SCREW	(25980) 100-518			4	*	*	*		
	X2	0		5305-733-2265	SCREW, ASSEMBLED WASHER: handle mtg	(25980) 101-793			8	*	*	*	27	15
9	X2	0		5305-017-5200	SCREW				8	*	*	*		
9	X2	0		5310-013-8485	WASHER				8	*	*	*		
10	X2	0		4930-785-8078	SPACER: door catch	(25980) 161-991			8	*	*	*	27	3
	X2	0		5310-010-3320	WASHER	(25960) 100-214			8	*	*	*	27	2
9	X2	0		5310-011-5543	WASHER	(25900) 100-272			4	*	*	*		
9	X2	0		5310-187-5342	WASHER	(25980) 100-527			2	*	*	*	27	20
9	X2	0		5310-638-2587	WASHER	(25980) 100-023			8	*	*	*	27	5
GROUP 22 - ACCESSORY ITEMS 2202 - ACCESSORY ITEMS														
10	X2	0		4930-630-9805	COUPLING: air line	(25980) 161-300			1	*	*	*	35	1
	M	0			HOSE ASSEMBLY: air	(25980) 204-601			1				26	11
	X2	0		4730-566-1534	MANUFACTURE FROM:				2	*	*	*		
	P	0		4720-289-9625	ADAPTER		FT		2	See Group	9501	See Group 9501		
	M	0			HOSE: rubber (50 ft required)									
	X2	0			HOSE ASSEMBLY: high pressure	(25960) 161-499			2				25	15
	X2	0		4730-784-8895	MANUFACTURE FROM:									
					ADAPTER	(79470) 141-18469				4	*	*		



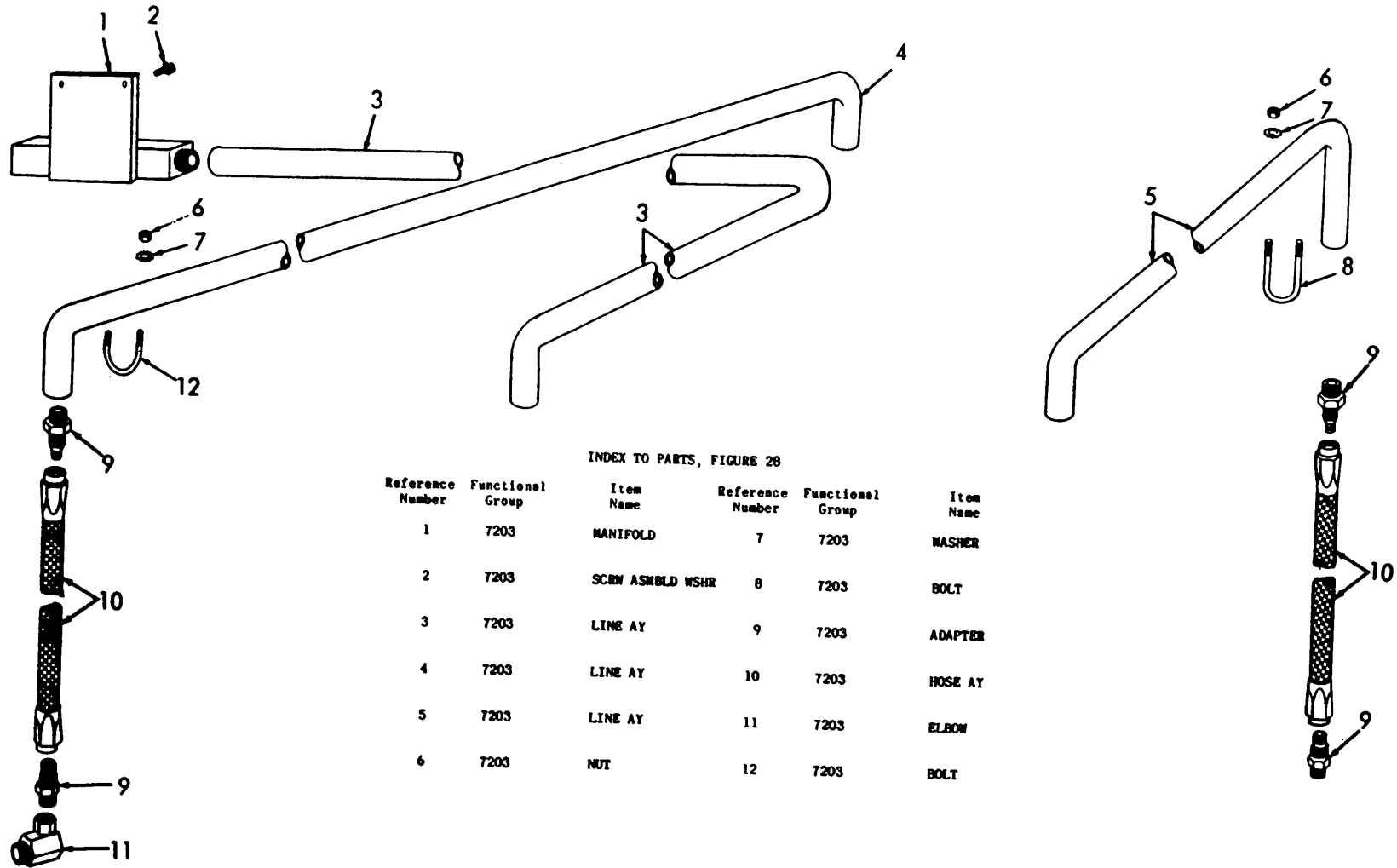
EMC 5-4930-202-12P/17

Figure 27. Enclosure Assembly.

INDEX TO PARTS, FIGURE 27

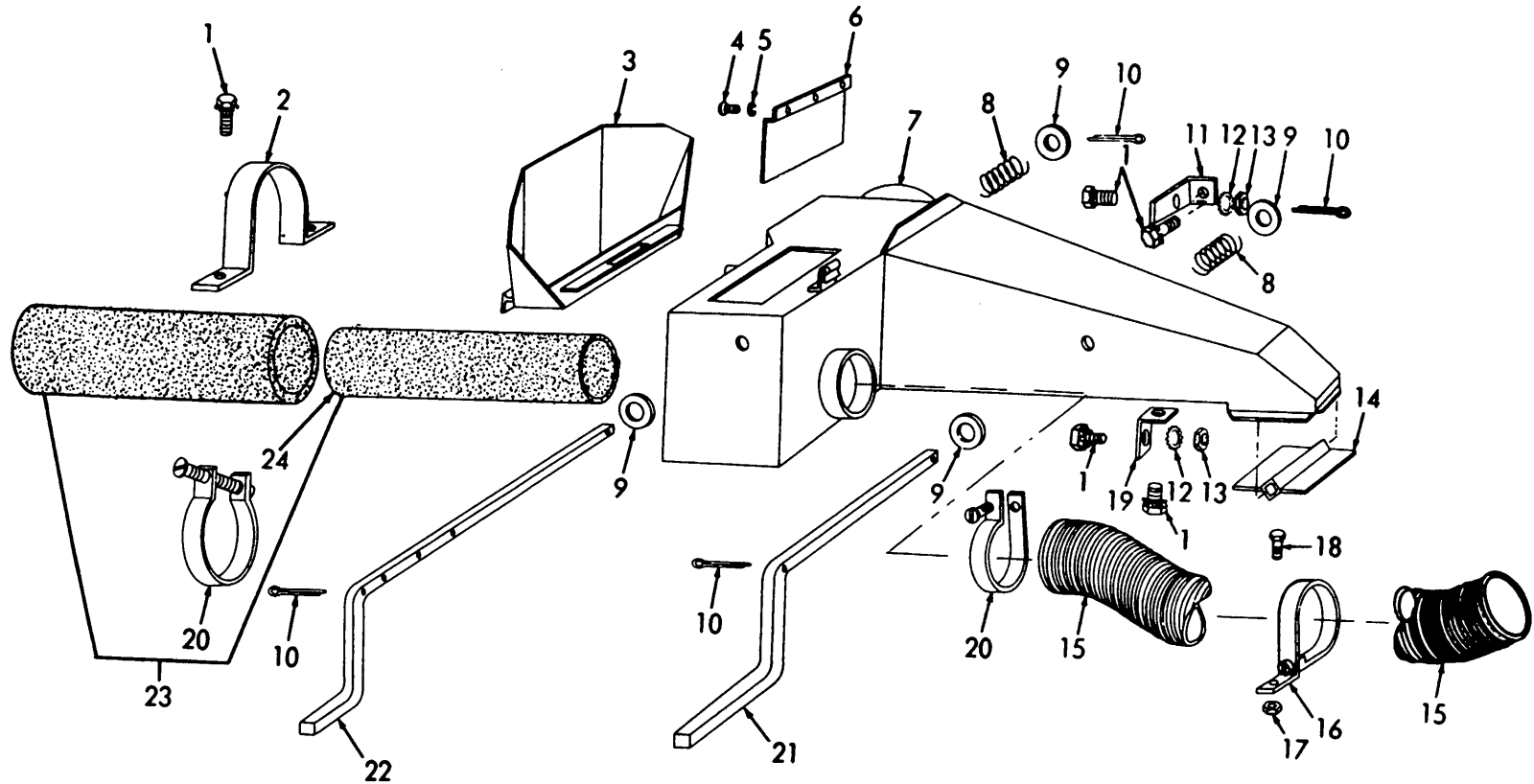
Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	1712	NUT	7	1712	GASKET	12	2602	BRACKET	17	1712	ENCLOSURE AY
2	1712	WASHER	8	1712	BOLT	13	2602	WASHER	18	1712	PIN
3	1712	SPACER	9	2602	COVER	14	2602	NUT	19	1712	CATCH
4	1712	CATCH	10	2602	WASHER	15	1712	SCRW ASMBLD WSHR	20	1712	WASHER
5	1712	WASHER	11	2602	NUT	16	1712	HANDLE	21	1712	PIN
6	1712	BOLT									

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
											100 EQUIPMENTS			
2202 - ACCESSORY ITEMS (cont)														
10	P	0		4930-802-2278	HOSE: rubber (30 ft required for each HOSE ASSEMBLY) (25980) 61-109	FT		2	See Group	9501	See Group 9501	25	39	
	M	0			HOSE ASSEMBLY: lube (25960) 161-500									
10	X2	0		4730-784-8895	ADAPTER (79470) 141-18469			4	*	*	*			
	P	0		4930-802-2278	HOSE: rubber (40 ft required for each HOSE ASSEMBLY) (25980) 61-109	FT		2	See Group	9501	See Group 9501	24	8	
		0		5340-205-5511	PADSLOC (GE) (25980) 161-295			2	*	*	*			
	X2	0			STOP: air hose (97167) 1-250-157			1	*	*	*			
2207 - WINTERIZATION EQUIPMENT														
9	X2	0		5306-014-7540	BOLT (25900) 100-464			2	*	*	*			
	X2	0			BOLT: slide (25980) 162-102			1	*	*	*			
	X2	0			BRACKET: control (25980) 162-103			1	*	*	*			
	X2	0			BRACKET: exhaust director (25980) 204-759			1	*	*	*	16	16	
	X2	0			BRACKET: heater duct (25980) 162-058			1	*	*	*	29	19	
	X2	0			BRACKET: heater duct support (25980) 101-833			1	*	*	*	29	11	
	X2	0			BRACKET: injector (25980) 162-523			1	*	*	*			
	X2	0			BRACKET: temperature control (25980) 161-919			1	*	*	*	22	19	
10	X2	0		4930-307-6714	CAP: exhaust pipe (25980) 158-830			1	*	*	16	15		
	X2	0		5340-798-8945	CLAMP (25900) 162-127			3	*	*	*	29	16	
	X2	0			CLAMP: heater exhaust tube mtg (25980) 162-056			1	*	*	*	29	2	
	X2	0		4730-358-5965	CLAMP: hose mtg (GE) (81646) 5912			2	*	*	*	29	20	
	X2	0			DEFLECTOR: heat (25900) 204-792			1	*	*	*	29	3	
10	X2	0		4930-785-8075	DISPENSER: alcohol (25900) 161-298			1	*	*	*	48	13	
	X2	0			DUCT ASSEMBLY: heat (25980) 205-016			1	*	*	*	29		
	X2	0			DAIPER: flue, lower (25980) 205-019			1	*	*	*	29	14	
	X2	0			DANPER: upper (25900) 162-547			1	*	*	*	29	6	
	X2	0			DUCT: heat (25900) 205-017			1	*	*	*	29	7	
	X2	0			HANDLE: damper, lower (25980) 162-549			1	*	*	*	29	21	
	X2	0			HANDLE: damper, upper (25980) 162-548			1	*	*	*	29	22	
	X2	0		5310-010-3091	NUT (25900) 100-072			4	See Group	2210	See Group 2210			
9	X2	0		5310-022-1123	NUT (25980) 100-558			2	See Group	2210	See Group 2210			
	X2	0		5315-010-3363	PIN (25960) 100-063			4	*	*	*	29	10	
9	X2	0		5305-013-2688	SCREW (25980) 100-032			4	See Group	2210	See Group 2210			
	X2	0		5305-333-5038	SCREW (25980) 101-806			2	See Group	2210	See Group 2210			
	X2	0		5305-226-9268	SCREW: damper mtg (25980) 100-518			3	*	*	*	29	4	
10	X2	0		4930-786-3857	SPRING (25980) 162-551			2	*	*	*	29	8	
9	X2	0		5310-011-5543	WASHER (25900) 100-272			4	See Group	2210	See Group 2210			
	X2	0		5310-189-2436	WASHER (25900) 101-764			2	See Group	2210	See Group 2210			
	X2	0		5310-010-6495	WASHER: damper mtg (25960) 100-068			3	*	*	*	29	5	
9	X2	0		5310-582-5977	WASHER: spring retaining (25980) 100-132			4	*	*	*	29	9	



MSC 4930-202-35P/28

Figure 28. Grease Manifold, Lines, and Hose Assemblies



MSC 4930-202-35P/29

Figure 29. Heater Ducts and Deflector.

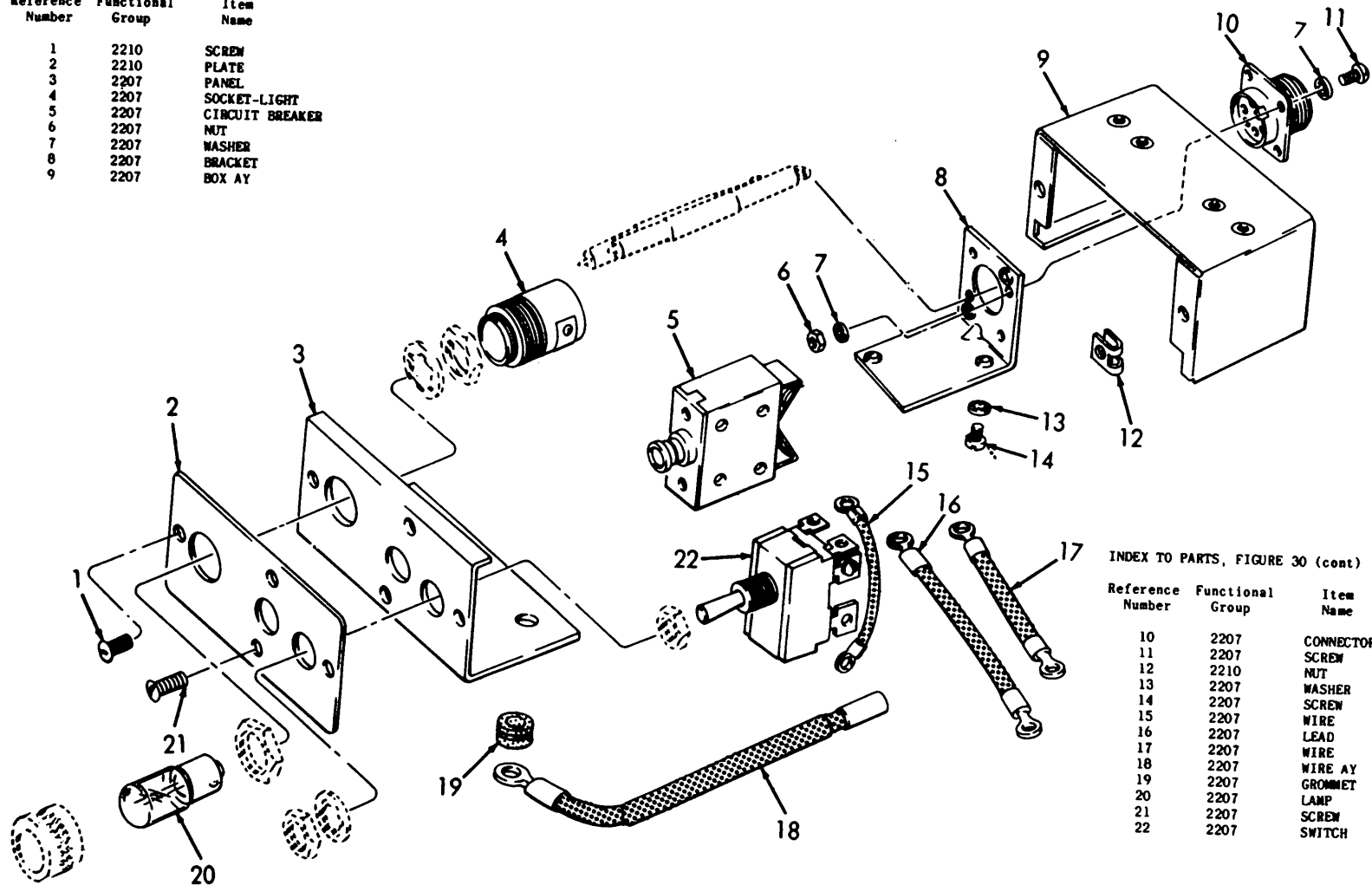
INDEX TO PARTS, FIGURE 29

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	2207	SCREW ASMBLD WSHR	7	2207	DUCT	13	2207	NUT	19	2207	BRACKET
2	2207	CLAMP	8	2207	SPRING	14	2207	DAMPER	20	2207	CLAMP
3	2207	DEFLECTOR	9	2207	WASHER	15	2207	HOSE	21	2207	HANDLE
4	2207	SCREW	10	2207	PIN	16	2207	CLAMP	22	2207	HANDLE
5	2207	WASHER	11	2207	BRACKET	17	2207	NUT	23	2207	TUBE
6	2207	DAMPER	12	2207	WASHER	18	2207	SCREW	24	2207	TUBE

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
					2207 - WINTERIZATION EQUIPMENT (cont)								
10	X2	0		4930-776-5322	GUIDE: bolt (25980) 162-101			1	*	*	*		
	X2	0			HANDLE: exhaust director (25980) 203068			1	*	*	*	16	14
	A	0			HEATER: fuel (25980) 204-827			1					
	X2	0		4730-289-3586	ADAPTER: fuel line			1	*	*	*	31	3
	X2	0		4520-509-1726	FILTER ASSEMBLY: fuel			1	*	*	*	31	32
9	P1	0		4310-766-4642	GASKET: exhaust tube (46522) A17960G1			1	*	*	100		
	A	0			HEATER: vehicular compartment								
	X2	0		2540-303-3568	model E500-25, 24 volt (46522) E15241G7			1					
	X2	F		3655-371-6813	BASE: heater mtg (46'22) C14965			2	*	*	*	33	13
					BLOWER ASSEMBLY: complete (46522) C13751G3			1	*	*	*	33	
	X2	F			COVER, BLOWER INRAKE (46522) B13752-1			1	*	*	*	33	21
	X2	F		2540-718-4352	FAN, BLOWER INTAKE (46522) B13T55GI			1	*	*	*	33	15
	X2	F			SETSCREW (46522) A166GI			1	*	*	*	33	14
	P1	F		5325-599-9259	GROMMET(46522) A1170tG2			1	*	*	5	33	20
	X2	F		3655-789-0596	HOUSING. B (46522) C13767-1			1	*	*	*	33	16
9	P1	F		6115-324-1030	MOTOR BLOWER (46522) C16350G2			1	*	*	10	33	20
	X2	F		5305-019-1245	SCREW			3	*	*	*		
	X2	F		5305-022-8322	SCREW, ASSEMBLY WASHER			3	*	*	*	33	2
	X2	F		5305-022-8322	SCREW, ASSEMBLY WASHER			4	*	*	*	33	2
	X2	F		3655-788-1126	SUPPORT. MOTOR (46522) B13773-1			1	*	*	*	33	19
	X2	F		2540-303-3570	BURNER ASSEMBLY: beater(46522) C13607			1	*	*	*		
	X2	F		4530-620-4824	BUNNER (46522) C1360O8G-1			1	*	*	*	33	24
	X2	F		5310-012-0361	NUT			1	*	*	*	33	22
	X2	F		4520-319-043	RETAINER, WICK (46522) A13620			1	*	*	*	33	26
	X2	F		5310-013-479	WASHER			1	*	*	*	33	23
10	P	F		9390-202-1641	WICK (46522) A13623			1	2	*	100	33	25
	X2	0		2920-92-3451	CABLE ASSEMBLY (46522) C13841G2			1	*	*	*	31	29
	X2	0		2990335-9074	CASING ASSEMBLY (46522) C13650-1			1	*	*	*	33	6
	X2	F		4520-310-T561	CHAMBER, COMBUSTION (46522) D13791			1	*	*	*	33	1
	X2	0		2540-303-3567	CLAMP: heater mtg (46522) 14964			2	*	*	*	33	11
	X2	0			CONTROL BOX ASSEMBLY (46522) C13776G2			1	*	*	*	30	
	X2	0			BOX ASSEMBLY: control (46522) 813777-1			1	*	*	*	30	
	X2	0		5310-654-5534	NUT (78553) C6052-32-27			2	See Group	2210	See Group 2210		9
	X2	0		6110-557-7089	PANEL ASSEMBLY: control box (46522) C13779G2			1	*	*	*		
	X2	0			BRACKET: angle, 90 deg (46522) A13780-1			1	*	*	*	30	8
11	P1	0		5925-159-0274	CIRCUIT BREAKER (46522) 813781G2			1	*	*	5	30	5
	X2	0		5935-201-4161	CONNECTOR: box mtg (46522) A9477			*	*	*	*	30	10
	P1	0		5325-741-7433	GROMMET (46522) A3411			1	See Group	9901	See Group 9901	30	19
	P1	0		6240-155-8714	LAMP (46522) A2106G2			1	4	*	20	30	20
		0			LEAD: electrical (46522) A13789			1				30	16
	X2	0		5940-050-6208	MANUFACTURE FROM TERMINAL: LUG			2	*	*	*		

INDEX TO PARTS, FIGURE 30

Reference Number	Functional Group	Item Name
1	2210	SCREW
2	2210	PLATE
3	2207	PANEL
4	2207	SOCKET-LIGHT
5	2207	CIRCUIT BREAKER
6	2207	NUT
7	2207	WASHER
8	2207	BRACKET
9	2207	BOX AY



INDEX TO PARTS, FIGURE 30 (cont)

Reference Number	Functional Group	Item Name
10	2207	CONNECTOR
11	2207	SCREW
12	2210	NUT
13	2207	WASHER
14	2207	SCREW
15	2207	WIRE
16	2207	LEAD
17	2207	WIRE
18	2207	WIRE AY
19	2207	GROMMET
20	2207	LAMP
21	2207	SCREW
22	2207	SWITCH

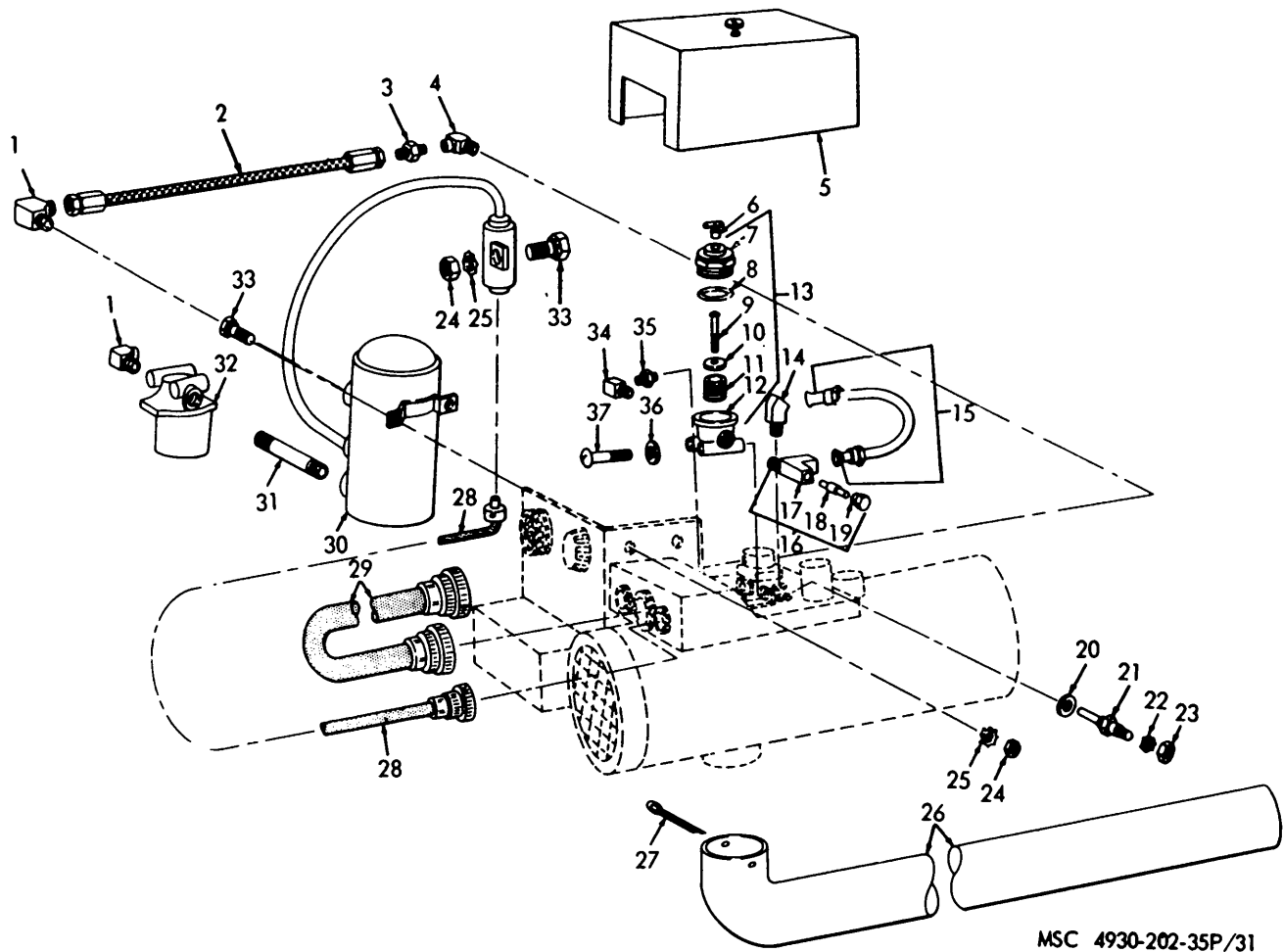
MSC 4930-202-35P/30

Figure 30. Control Box Assembly.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
2207 - WINNTERRIZATION EQUIPMENT (cont)													
	P	0		6145-660-8933	Wire: copper (6 in. required)	FT			See Group	9501	See Group 9501		
	X2	0		5310-011-4777	NUT: bracket mtg (46522) AN340B4		4	*	*	*	*	30	6
	X2	0		2990-545-2413	PANEL: control box (46522) B13782-1		1	*	*	*	*	30	3
	X2	0		6110-585-5651	PLATE: identification (46522) A13783		1	See Group	2210	See Group 2210			
9	X2	0		5305-010-0750	SCREW: bracket mtg		2	*	*	*	*	30	14
9	X2	0		5305-011-7617	SCREW: connector mtg (46522) AN15PB4-6		4	*	*	*	*	30	11
	X2	0		5305-010-0944	SCREW: boater plate wtg (88044) AN515PB6-4		2	See Group	2210	See Group 2210			
	X2	0			SOCKET (46522) A13184		1	*	*	*	*	30	4
11	P1	0		5930-615-9376	SWI: toggle (46522) A13784		1	*	*	5	*	30	22
9	X2	0		5310-013-3530	WASHER: bracket mg (46522) AI93618		2	*	*	*	*	30	13
9	X2	0		5310-527-3290	WASHERS: bracket mtg (46522) Af936A4		8	*	*	*	*	30	7
	M	0			WIRE: electrical (46522) A13707		1					30	17
	X2	0		5940-050-6208	MANUFACTURE FROM TERMINAL: lug		2	*	*	*	*		
	P	0		6145-660-8933	WIRE: copper (6 in. required)	FT		See Group	9501	See Group 9501			
		0			WIRE: Jumper (46522) A1160G1		1					30	15
	P	0		6145-299-4458	MANUFACTURE FROM WIRE: copper (GE) (3 in. required)	FT		See Group	9501	See Group 9501			
	X	0			WIRE ASSEMBLY (46522) A13790		1	*	*	*	*	30	18
9	X2	0		5305-531-1356	SCREW (46522) AN15PB8		2	*	*	*	*	30	21
	X2	0		4730-277-8265	ELBOW: fuel filter		1	*	*	*	*	31	4
	X2	0		4730-277-8261	ELBOW: fuel line		2	*	*	*	*	31	1
9	X2	0		2S40-288-4963	HEATER: vehicular compartment								
	X2	0			500-24-1 (46522) E1S241G3		1	*	*	*	*	*	*
	X2	0			BRACKET: control mtg (46522) B189721-1		1	*	*	*	*	32	26
	X2	0			CAP, RECEPTACLE (46522) A15635G11	*	*	*	32	24	*		
	X2	0		4820-276-9039	COCK: drain (46522) A16629G1		1	*	*	*	*	31	6
	X2	0		5935-636-5989	CONNECTOR (46522) A13630		1	*	*	*	*	32	20
	X2	0		4930-830-6592	COVER: controls (46522) C17T496G2		1	*	*	*	*	31	5
	X2	0		4730-496-7511	ELBOW (46522) A4618		1	*	*	*	*	31	14
	P1	0		5325-050-2857	GROMMET ((46522) A13694		3	*	*	15	*	32	13
	P1	0		5325-741-7433	GROMMET (46522) A3481		1	See Group	9901	See Group 9901		32	36
	P	0		2540-371-6810	IGNITER (46522) B13701G2		1	4	*	100	*	31	21
	P1	0		5330-297-6556	Gasket ignitor (46522) A1624		1	.	*	100	*	31	20
9	X2	0		5310-050-3262	NUT		1	*	.	.	*	31	23
9	X2	0		5310-013-8479	WASHER (99044) A936810		1	*	.	*	*	31	22
					LEAD								
	0				MANUFACTURE FROM (46522) A14716		1	32	28	*	*		
9	X2	0		5940-050-7097	TERMINAL		2	*	*	*	*		
9	P	0		6145-660-8933	WIRE. COPPER (6 in. required)	FT		See Group	9501	See Group 9501			

INDEX TO PARTS, FIGURE 31

Reference Number	Functional Group	Item Name
1	2207	ELBOW
2	2207	LINE AY
3	2207	ADAPTER
4	2207	ELBOW
5	2207	COVER
6	2207	COCK
7	2207	HEAD
8	2207	PACKING
9	2207	SCREW
10	2207	RETAINER
11	2207	FILTER
12	2207	BOWL
13	2207	FILTER
14	2207	ELBOW
15	2207	TUBE AY
16	2207	TEE AY
17	2207	TEE
18	2207	NOZZLE
19	2207	PLUG
20	2207	GASKET
21	2207	IGNITOR
22	2207	WASHER
23	2207	NUT
24	2207	NUT
25	2207	WASHER
26	2207	PIPE
27	2207	PIN
28	2207	LEAD
29	2207	CABLE AY
30	2207	PUMP AY
31	2207	NIPPLE



MSC 4930-202-35P/31

Figure 31. Fuel Filter, Lines, and Cable Assemblies.

INDEX TO PARTS, FIGURE 31 (cont)

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
32	2207	FILTER AY	34	2207	ELBOW	36	2207	WASHER
33	2207	SCREW ASMBLD WSHR	35	2207	NIPPLE	37	2207	SCREW

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
											100 EQUIPMENTS			
					2207 - WINTRIZATION EQUIPMENT (cont)									
					LEAD: electrical (46522) A16380G1			1				32	6	
9	M	O		5940-050-7097	MANUFACTURE: TERMINAL			2	*	*	*	32	9	
9	P	0		6145-660-8933	-WIRE: copper (9 in. required)	FT			See Group	9501	See Group 9501			
9	X2	0			NUT: socket. connector and receptacle mtg, 4-40 thd size (46522) AN34C0B4			14	*	*	*	32	18	
9	X2	0		5310-616-6949	NT: terminal board mtg (46522) AN34088			4	*	*	*	32	17	
	X2	0		5310-696-5371	PUSH ON NUT: filter bracket mtg (46522) A 17505G1			1	*	*	*	32	35	
10	X2	0		4930446-5968	RECEPTACLE: box mtg (46522) B42164G1			1	*	*	*	32	22	
10	X2	0		4930-446-5969	RECEPTACLE: box mtg (46522) A42163G1			1	*	*	*	32	25	
11	P1	0		5945-258-5755	RELAY; thermal (46522) AL13649G5			1	*	*	5	32	12	
	X2	0		5305-022-8322	SCREW			2	*	*	*	32	15	
9	X2	0		5305-042-473	SCREW: connector end receptacle mtg			12	*	*	*	32	21	
9	X2	0		5305-01-7T617	SCREW: socket mtg (46522) AN515PB4-6			2	*	*	*	32	14	
	X2	0		5505-013-2764	SCREW: terminal board mtg (46522) AN515-8-10			4	*	*	*	32	29	
11	X2	0		5935-306-1868	SOCKET (46522) B13639			1	*	*	*	32	37	
	X2	0			SUPPORT ASSEMBLY: controls (46522) C17506G1-			1	*	*	*	32	11	
	X2	0			SUPPORT ASSEMBLY: controls (46522) D42161G2			1	*	*	*	32		
	X2	0			BRACKET ASSEMBLY: fuel filter (46522) B813626-1			1	*	*	*	32	1	
	X2	0		4730-277-5552	ELBOW (GE) (46522) A1522			1	*	*	*	31	34	
	X2	0		2910-141-9002	FILTER: fuel (46572) B13629			1	*	*	*	31	13	
	X1	0			BOWL (46522) A14134			1	*	*	*	31	12	
	X2	0			FILTER (55168) A568663			1	*	*	*	31	11	
	X1	0			HEAD (46522) A50274			1	*	*	*	31	7	
	P1	0		2945-263-7971	PACKING, PREFORMED (46522) A14137			1	*	*	100	31	8	
	X2	0			RETAINER (46522) A14136			1	*	*	*	31	10	
	X2	0			SCREW (46522) A14138			1	*		*	31	9	
	X2	0		5995-620-9128	LEAD (46522) A15978G1			1	*	*	*	32	34	
	N	0			LEAD: electrical (46522) A137G11			1	*	*	*	32	5	
9	X2	0		5940-050-7097	MANUFACTURE: TERMINAL, LOG			2	*	*	*			
9	P	0		6145 660-8933	WIRE: copper (8 in. required)	PT			See Group	9501	See Group 9501			
	N	0			LEAD: electrical (46522) A13708G2			1	*	*	*	32	3	
9	X2	0		5940-050-7097	MANUFACTURE: TERMINAL LUG			2	*	*	*			
9	X2	0		6145 60-8933	WIRE: copper (6 in. required)	FT			See Group	9501	See Group 9501			
	X2	0		4730-249-9721	NIPPLE (46522) A1523			1	*	*	*	31	35	
11	P	0		5905-371-6809	RESISTOR ASSEMBLY (46522) B13635			1	*	2	20	32	10	
9	12	0		5310-616-6948	NUT (46522) AN340810			2	*	*	*	32	31	
9	X2	0		5310-209-1239	WASHER*			2	*	*	*	32	32	
	X2	0		5305-010-1136	SCREW (46522) AN520-10-24			1	*	*	*	31	37	

	X2	0	5305-022-8322	SCREW, ASSEMBLED WASHER: fuel filter bracket mtg			4	*	*	*	32	2
	X2	0	5305-022-8322	SCREW, ASSEMBLED WASHER: resistor mtg			2	*	*	*	32	9
	P1	0	5930-392-5329	SWITCH: flame (46522) B1781BG1			1	*	*	5	32	7
9	X2	0	3120-662-0692	BEARING (46522) A14435G1			1	*	*	*		
	X2	0	4520-707-4272	FRAME ASSEMBLY (46522) A14762			1	*	*	*		
	P	0	2540-039-8086	INSULATOR (46522) A14439			1	2	*	50		
	X2	0	4730-287-1536	NUT (46522) A14434G1			1	*	*	*	32	8
	X2	0	5960-521-0222	RETAINER: spring (46522) A14761			1	*	*	*		
9	X2	0	5305-286-1952	SCREW (46522) AN515-6-14			3	*	*	*		
	X2	0	6115-597-9826	SPRING: adjusting screw (46522) A14436			1	*	*	*		
	X2	0	5340-205-6186	SPRING: sensitive (46522) A14437			1	*	*	*		
	P1	0	5930-669-8287	SWITCH: sensitive (46522) A17836G1			1	*	*	5		
9	X2	0	5310-013-1044	WASHER (46522) AN935-6			2	*	*	*		
	X2	0		TEE ASSEMBLY (46522) B14142G			1	*	*	*	31	16
	X2	0	4730-719-2726	NOZZLE (46522) A18167GI			1	*	*	5	31	18
	X2	0	4730-012-7950	PLUG (GE) (46522) A14140			1	*	*	*	31	19
	X2	0	4730-319-0454	TEE (46522) A14141			1	*	*	3	31	17
10	X2	0	4930-654-3556	VALVE ASSEMBLY (46522) C42166G2			1	*	*	3	32	30
	X2	0	5310-012-1801	WASHER: fuel filter mtg (46522) AN936A10			2	*	*	*	31	36
				WIRE ASSEMBLY (46522) A13709G1			1				32	4
				MANUFACTURE FROM:								
9	X2	0	5940-050-7097	TERMINAL LUG			2	*	*	*		
9	P	0	6145-660-8933	WIRE: copper (8 in. required)	FT			See Group	9501	See Group 9501		
	M	0		WIRE ASSEMBLY: resistor (46522) A15980G1			2				32	33
				MANUFACTURE FROM:								
9	X2	0	5940-050-7097	TERMINAL LUG			2					
9	P	0	6145-660-8933	WIRE, COPPER (8 in. required for each WIRE ASSEMBLY)	FT			See Group	9501	See Group 9501		
	X2	0	5940-193-0006	TERMINAL BOARD (46522) A13706			*	*	*	*	32	2
31	N	0		TUBE ASSEMBLY: fuel line (46522) A13833					1			
				MANUFACTURE FROM:								
	X2	0	430-288-9387	INVERTED NUT			2	*	*	*		
	P	0	4710-277-5525	TUBE: copper (10 in. required)	FT			See Group	9501	See Group 9501		
9	X2	0	5310-013-3530	WASHER: terminal board mtg (46522) AN936A8			4	*	*	*	32	16
9	X2	0	5310-527-3290	WASHER, LOCK: socket, connector and receptacle mtg (46522) AN936A4			14	*	*	*	32	19
	M	0		WIRE: jumper (46522) A1563661			1				32	23
				MANUFACTURE FROM:								
	P	0	6145-299-4458	WIRE, COPPER (GE) (6 in. required)	FT			See Group	9501	See Group 9501		
	X2	0	4930-826-2349	LEAD (46522) B14129G100			1	*	*	*	31	28
9	X2	0	5310-012-0375	NUT: fuel pup mtg			4	*	*	*	31	24
	X2	0	5310-013-4551	NUT: mtg ring (46522) AN340-416			5	*	*	*	31	27
	X2	0		PIPE: extension (25980) 204-830			1	*	*	*	31	26
	P1	0	2540-692-9101	PUMP ASSEMBLY: 24 volt (46522) C4796G9			1	*	*	*	31	30
	X2	0	2990-335-9069	RING: heater mtg, front (46522) B14962			1	*	*	*	33	8
	X2	0	2990-335-9070	RING: heater mtg, rear (46522) B14963			1	*	*	*	33	18
	X2	0	5305-012-1926	SCREW: clamp mtg			5	*	*	*	33	12
	X2	F	5305-022-8322	SCREW, ASSEMBLED WASHER			2	*	*	*	33	17
	X2	F	5305-022-8322	SCREW, ASSEMBLED WASHER			4	*	*	*	33	17
9	X2	F	5305-591-4435	SCREW, ASSEMBLED WASHER			3	*	*	*	33	7

INDEX TO PARTS, FIGURE 32

Reference Number	Functional Group	Item Name
1	2207	BRACKET AY
2	2207	SCRW ASMBLD WSHR
3	2207	LEAD
4	2207	WIRE AY
5	2207	LEAD
6	2207	LEAD
7	2207	SWITCH
8	2207	NUT
9	2207	SCRW ASMBLD WSHR
10	2207	RESISTOR AY
11	2207	SUPPORT AY
12	2207	RELAY
13	2207	GROMMET
14	2207	SCREW
15	2207	SCREW
16	2207	WASHER
17	2207	NUT
18	2207	NUT
19	2207	WASHER
20	2207	CONNECTOR
21	2207	SCREW
22	2207	RECEPTACLE
23	2207	WIRE
24	2207	CAP
25	2207	RECEPTACLE
26	2207	BRACKET
27	2207	TERMINAL BOARD
28	2207	LEAD
29	2207	SCREW
30	2207	VALVE AY
31	2207	NUT
32	2207	WASHER
33	2207	WIRE AY
34	2207	LEAD
35	2207	PUSH ON NUT
36	2207	GROMMET
37	2207	SOCKET

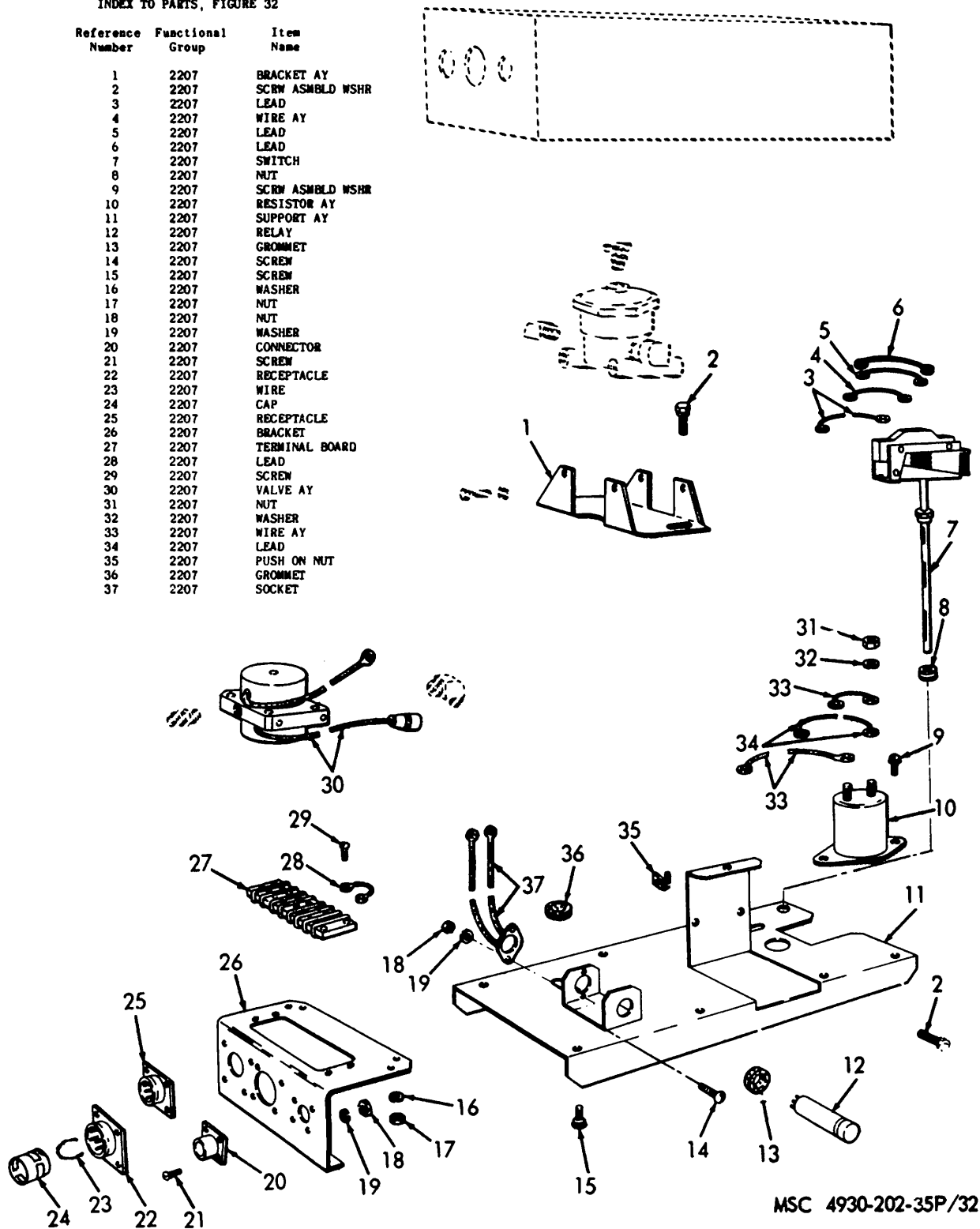
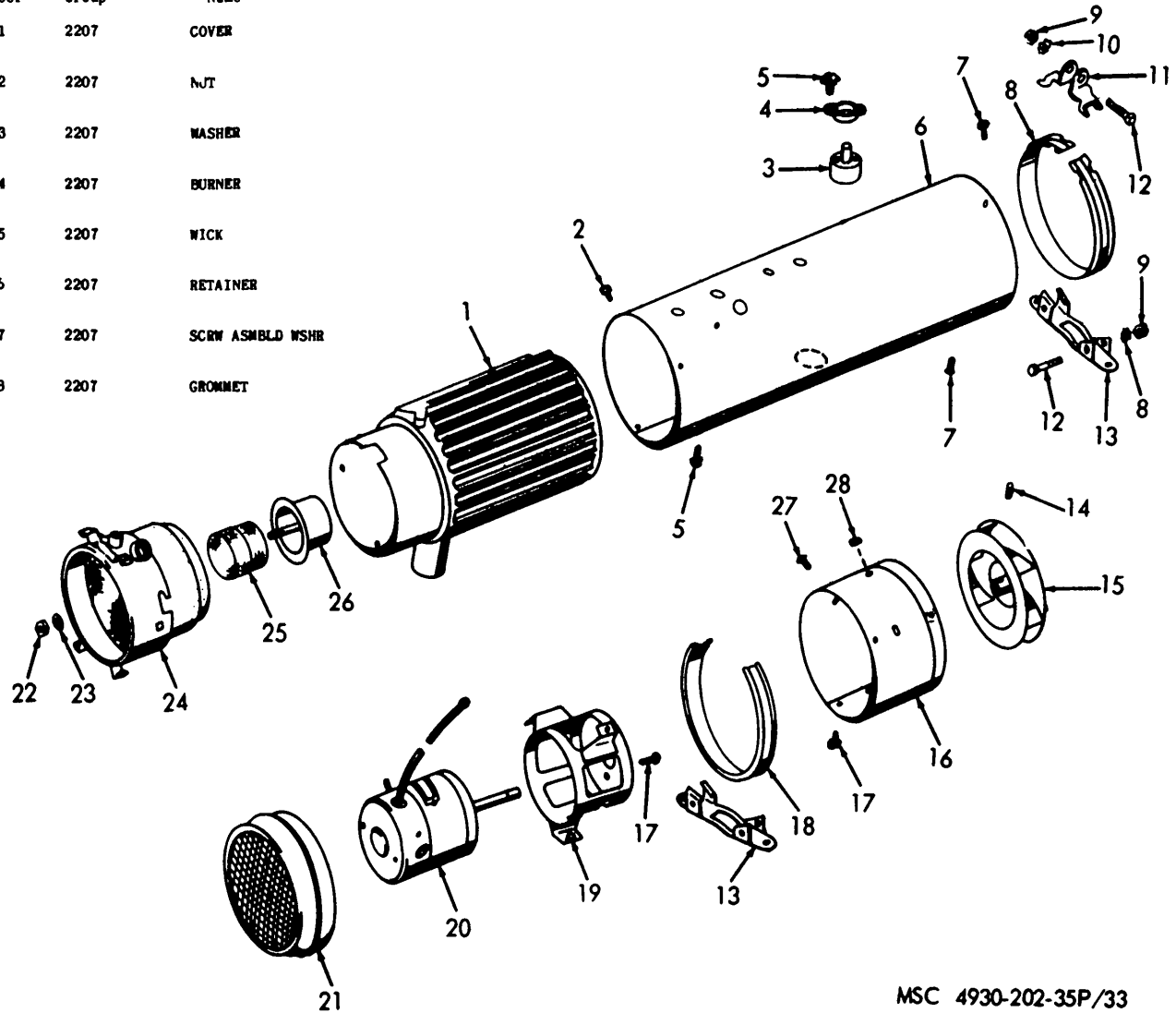


Figure 32. Control Support Assembly.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
											100 EQUIPMENTS			
2207 - WINTERIZATION EQUIPMENT (cont)														
9	X2	0		5310-017-4916	WASHER: fuel pump mtg			4	*	*	*	31	25	
9	X2	0		5310-012-1753	WASHER: mtg ring (46522) AN9368416			5	*	*	*	33	10	
	M	0			LINE ASSEMBLY: fuel air heater (25980) 204-735			1				31	2	
					MANUFACTURE FROM:									
	X2	0		4730-533-4840	ADAPTER			2	*	*	*			
	P	0		4720-289-9625	HOSE, RUBBER (7 in. required)	FT			See Group	9501	See Group 9501			
	P1	0		4310-766-4643	SEAL: exhaust tube (46522) A17961GI-1			1	*	*	100			
11	X2	F		5930-501-0087	SWITCH, THERMOSTATIC (46522) A16201GI			1	*	*	5	33	3	
	X2	F		5310-012-0614	NUT (88044) AN345-10			1	*	*	*			
	X2	F		2990-796-8554	RETAINER, SWITCH (46522) A16075GI-1			1	*	*	*	33	4	
	9	X2	F	5305-019-1245	SCREW			1	*	*	*			
	9	X2	F	5305-042-0461	SCREW ASSEMBLED WASHER: switch .mg			2	*	*	*	33	5	
	X2	F		5310-017-8378	WASHER									
	X2	0		4720-441-4218	HOSE: metal (25980) 161-988			1	*	*	*	29	15	
	N	0			HOSE ASSEMBLY: tank to heater fuel filter (25980) 204-559			1	*	*	*	14	2	
					MANUFACTURE FROM:									
	X2	0		4730-533-4840	ADAPTER			1	*	*	*	14	5	
	X2	0		4730-785-3474	ADAPTER, STRAIGHT, PIPE TO TUBE (25980) 204-796			1	*	*	*	14	3	
	P	0		4720-289-9625	HOSE: rubber (28-1/2 in. required)	FT			See Group	9501	See Group 9501	14	4	
	X2	0		2990-307-6713	HOUSING: engine exhaust director (25980) 152-829			1	*	*	*	16	13	
10	X2	0		4930-309-1063	LATCH: exhaust director (25980) 203-069			1	*	*	*	16	5	
	X2	0			LEAD: electrical, around strap (25980) 162-067			1	*	*	*			
	X2	0		4930-446-5967	LEAD: receptacle (46522) 850013			1	*	*	*			
	X2	0		4930-446-5966	LEAD, SOCKET (46522) B50014			1	*	*	*			
	X2	0		4730-196-2082	NIPPLE: fuel pump to filter			1	*	*	*	31	3	
9	X2	0		5310-010-3128	NUT: ground strap mtg			1	*	*	*			
9	X2	0		5310-012-0376	NUT: ground strap mtg (25980) 100-077			1	*	*	*			
9	X2	0		5310-266-0385	NUT: heater duct support mtg (25980) 100-015			4	*	*	*	29	13	
9	X2	0		5310-011-0633	NUT: hose clamp mtg (25980) 100-179			2	*	*	*	29	17	
9	X2	0		5310-012-0614	NUT: temperature control bracket			2	*	*	*	22	16	
9	X2	0		5310-012-4818	NUT: temperature control bracket mtg(25980) 101-324			2	*	*	*	22	13	
	X2	0			PIN: slide bolt guide (25980) 101-537			1	*	*	*			
	X2	0			PLATE: bolt (25980) 162-100			1	*	*	*			
	X2	0		5305-441-4644	SCREW (25980) 101-810			3	*	*	*			
9	X2	0		5305-042-4503	SCREW: bracket mtg (25980) 101-758			4	*	*	*	22	15	
	X2	0		5305-011-1684	SCREW: heater duct tube (25980) 100-831			4	*	*	*	22	20	
	X2	0		5305-012-0706	SCREW: hose clamp mtg (25980) 100-T29			3	*	*	*	29	18	
9	X2	0		5305-286-1492	SCREW: temperature control bracket (25980) 101-577			2	*	*	*	22	18	
	X2	0		5305-017-9791	SCREW: temperature control bracket mtg (25980) 100-333			2	*	*	*	22	10	
	X2	0			SCREW, ASSEMBLED WASHER: clamp mtg; cadmium or zinc plated; 1/4-20 thd size; 1/2 in. lg(25980) 101-761			3	*	*	*	14	6	

INDEX TO PARTS, FIGURE 33

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	2207	CHAMBER	21	2207	COVER
2	2207	SCRW ASMBLD WSHR	22	2207	NUT
3	2207	SWITCH	23	2207	WASHER
4	2207	RETAINER	24	2207	BURNER
5	2207	SCRW ASMBLD WSHR	25	2207	WICK
6	2207	CASING AY	26	2207	RETAINER
7	2207	SCRW ASMBLD WSHR	27	2207	SCRW ASMBLD WSHR
8	2207	RING	28	2207	GROMMET
9	2207	NUT			
10	2207	WASHER			
11	2207	CLAMP			
12	2207	SCREW			
13	2207	BASE			
14	2207	SETSCREW			
15	2207	FAN			
16	2207	HOUSING			
17	2207	SCRW ASMBLD WSHR			
18	2207	RING			
19	2207	SUPPORT			
20	2207	MOTOR			



MSC 4930-202-35P/33

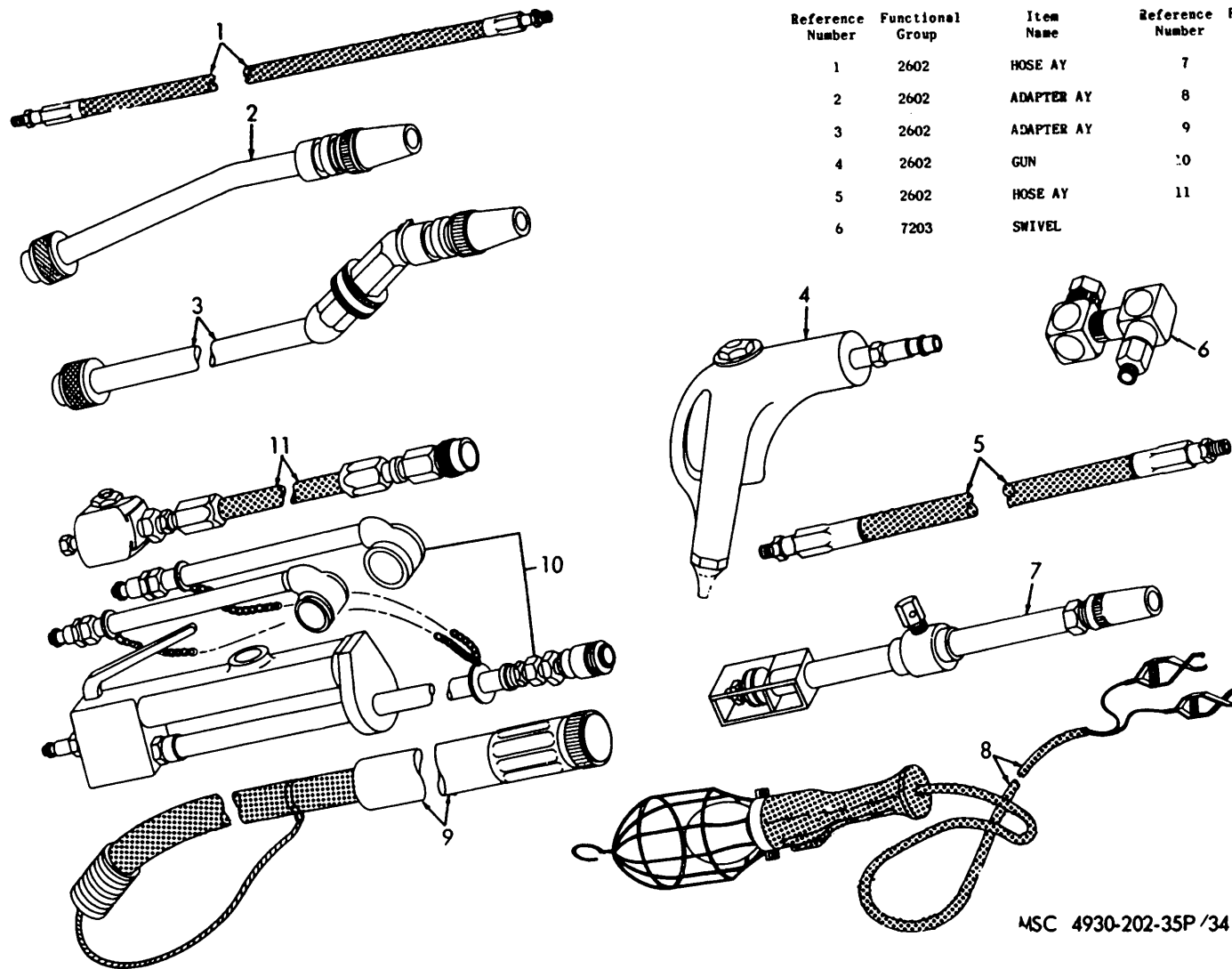
Figure 33. Heater Assembly.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
2207 - WINTERZATION EQUIPENT (cont)													
	X2	0		5305-286-1494	SCREW			3	*	*	*		
9	X2	0		5310-012-1753	WASHER			3	*	*	*		
	X2	0			SCREW, ASSEMBLED WASHER: exhaust latch mtg cadium or zinc plated; 1/4-20 thd size; 1/2 in. 19 (25900) 101-761			6	*	*	*	16	6
9	X2	0		5305-286-1494	SCREW			6	*	*	*		
9	X2	0		5310-012-1753	WASHER ,			6	*	*	*		
	X2	0			SCREW, ASSEMBLED WASHER: ground strap mtg (25980) 162-070			1	*	*	*		
	X2	0			SCREW, ASSEMBLED WASHER: heater fuel pump mtg (25980) 101-761			2	*	*	*	31	33
	X2	0			SCREW, ASSEMBLED WASHER: heater tube clamp mtg; cadmium or zinc plated; 1/4-20 thd size; 1/2 in. lg (25980) 101-761			6	*	*	*	29	1
9	X2	0		5305-286-1494	SCREW			6	*	*	*		
9	X2	0		5310-012-1753	WASHER			6	*	*	*		
	X2	0			SLIDE: heater (25980) 205-015			1	*	*	*		
	X2	0		5340-798-1314	STRAP: fuel filter hose (25960) 101-836			1	*	*	*	14	7
	X2	0		5340-796-1317	STRAP: temperature control tube (25980) 161-940			2	*	*	*	22	11
	X2	0			SUPPORT: heater exhaust (25960) 204-837			1	*	*	*		
	X2	0			SUPPORT: heater slide (25980) 204-38			1	*	*	*		
	X2	0			SUPPORT: heater slide, vertical (25900) 204-803			1	*	*	*		
	P1	0		5930-446-5991	SWITCH: thermostatic (46522) A42144G2			1	*	*	5		
	P1	0		5930-798-1339	SWITCH: thermostatic (46522) D11160GS			1	*	*	5	22	14
10	X2	0		4930-798-8949	TUBE: exhaust (25980) 205-009			1	*	*	*	16	11
	X2	0		4730-358-5965	CLAMP (GE) (81646) 5912			2	*	*	*	16	3
	P	0		5975-284-7341	TUBE: flexible (GE) (4 ft 2 in. required)	FT			See Group	9501	See Group 9501	16	12
	X2	0			TUBE: heat duct (25960) 161-937			1	*	*	*	22	21
10	X2	0		4930-798-947	TUBE: heater exhaust (25980) 204-840			1	*	*	*	29	23
	X2	0		4730-358-5965	CLAW (GE) (81646) 5912			2	*	*	*	29	20
	P	0		5975-284-7341	TUBE: flexible (GE) (9 in. required)	FT			See Group	9501	See Group 9501	29	24
	X2	0		4930-831-1247	TUBE: siphon, heater (25960) 205-014			1	*	*	*	14	8
9	X2	0		5310-582-59T7	WASHER (25900) 100-132			2	*	*	*		
9	X2	0		5310-017-4916	WASHER: heater duct support mtg (25980) 101-437			2	*	*	*	29	12
	X2	0		5310-013-8479	ISR: temperature control bracket (25980) 100-732			2	*	*	*	22	17
9	X2	0		5310-582-5965	WASHER: temperature control bracket mtg (25960) 10D-985			2	*	*	*	22	12
					2210 - DATA PLATES								
	X2	0			DECAL, GRACO (25900) 158-900			1	*	*	*		
9	X2	0		5310-0426324	NUT: air valve plate (25900) 100-975			2	*	*	*		
9	X2	0		5310-022-1123	NUT: alcohol injector plate (25980) 100-558			22	*	*	*		
	X2	F		5310-010-3091	NUT: Corp of Engineers plate mtg (25980) 100-072			4	*	*	*		
	X2	0		5310-654-5534	NUT: heater plate mtg (46522) C6052-832-27			2	*	*	*	30	12
	X2	0		5310-010-3091	NUT: plate mtg (25980) 100-072			8	*	*	*		

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
											100 EQUIPMENTS			
2210 - DATA PLATES (cont)														
					PLATE: designation, load capacity (25980) 162-149			1	*	*	*			
10	X2	0		4930-874-0563	PLATE: designation, model and serial no. (25980) 158-397			3	*	*	*			
	X2	0			PLATE: designation, pump serial no. (25980) 160-637			3	*	*	*			
	X2	0			PLATE: designation, serial no. (25960) 150-707			1	*	*	*			
	X2	0			PLATE: identification, air (25980) 153-794			1	*	*	*			
10	X2	0		4930-874-0562	PLATE: identification, air tank drain valve (25900) 153-798			1	*	*	*			
	X2	0			PLATE: identification, convoy lubrication, GRACO (25980) 153-208			1	*	*	*			
	X2	F		9905-807-3712	PLATE: identification, Corps of Engineers A plate (25980) 153-790			2	*	*	*			
	X2	0			PLATE: identification, engine oil (25980) 160-469			2	*	*	*			
	X2	0			PLATE: identification, gear lubricant (25980) 160-470			3	*	*	*			
	X2	0			PLATE: identification, grease GM (25960) 162-483			1	*	*	*			
	X2	0			PLATE: identification, heat duct (25980) 162-484			1	*	*	*			
	X12	0		6110-585-5651	PLATE: identification, heater stop and start (46522) A13783			1	*	*	*	30	2	
	X2	0			PLATE: Identification, power flo mnogul (25980) 158-398			3	*	*	*			
	X2	0			PLATE: instruction alcohol injection (25980) 162-059			1	*	*	*			
	X2	0			PLATE: instruction, caution (25980) 162-104			1	*	*	*			
	X2	0			PLATE: instruction, heat duct (25980) 162-060			1	*	*	*			
	X2	0			PLATE: instruction, heater removal (25960) 162-105			1	*	*	*			
	X2	0			PLATE: instruction, mater air valve (25980) 161-159			1	*	*	*			
	X2	0			PLATE: instruction, throttle control (25900) 161-958			1	*	*	*			
	X2	0			PLATE: instruction, wiring diagram (46522) C50021			1	*	*	*			
9	X2	0		5305-042-1572	SCREW: air valve plate (25980) 101-791			2	*	*	*			
	X2	0		5305-333-5038	SCREM alcohol injector plate			18	*	*	*			
	X2	F		5305-290-3014	SCREW: Corps of Engineers plate mtg (259800) 100-702			4	*	*	*			
9	X2	0		5305-010-0944	SCREW: heater plate mtg (88044) AN55PB6-			4	*	*	*	30	30	
9	X2	0		5305-011-0985	SCREW: plate mtg (25980) 100-055			14	*	*	*			
9	X2	0		5305-011-3231	SCREW1: plate mtg (25980) 100-032			8	*	*	*			
9	X2	0		530S-013-2688	SCREW: plate mtg (25980) 100-518			4	*	*	*			
	X2	0		5305-226-9268	SCREW: plate mtg (25980) 100-884			4	4	*	*	*	*	
9	X2	0		5305-017-1342	SCREW: pump plate mtg (25980) 100-203			36	*	*	*			
9	X2	0		5305-282-0997	SCREW pump plate mtg (25980) 101-792			6	*	*	*			
9	X2	0		5310-058-3597	WASHER: air valve plate (25060) 100-272			2	*	*	*			
9	X2	0		5310-011-5543	WASHER: plate mtg (25980) 101-764			8	*	*	*			
9	X2	0		5310-187-2436	WASHER plate mtg (25980) 100-272			16	*	*	*			
9	X2	F		5310-011-5543	WASHER: Corps of Engineer plate mtg (25980) 100-272			4	*	*	*			
GROUP 26 - ACCESSDRIES, PUBLICATIONS, AND TOOLS 2602 - ACCESSORIES														
	X2	0		4730-555-3120	ADAPTER (25960) 101-772			4	*	*	*	35	4	

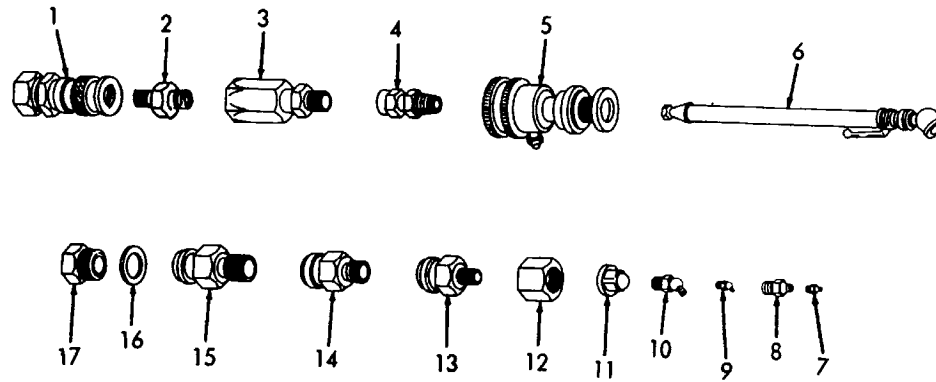
INDEX TO PARTS, FIGURE 34

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	2602	HOSE AY	7	2602	VALVE AY
2	2602	ADAPTER AY	8	2602	LIGHT
3	2602	ADAPTER AY	9	2602	HOSE AY
4	2602	GUN	10	2602	INFLATOR
5	2602	HOSE AY	11	2602	HOSE AY
6	7203	SWIVEL			



MSC 4930-202-35P /34

Figure 34. Accessories.



MSC 4930-202-35P/35

Figure 35. Lubrication Fittings and Pressure Gage.

INDEX TO PARTS, FIGURE 35

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	2202	COUPLING	5	2602	ADAPTER	10	2602	FITTING	14	2602	FITTING
1	2602	COUPLING	6	2602	GAGE	11	2602	CAP	15	2602	FITTING
2	2602	COUPLING	7	2602	FITTING	12	2602	COUPLING	16	2602	WASHER
3	2602	ADAPTER	8	2602	FITTING	13	2602	FITTING	17	2602	PLUG
4	2602	ADAPTER	9	2602	FITTING						

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
					2602 - ACCESSORIES (coot)				100 EQUIPMENTS				
	X2	0			ADAPTER: hose end, 3/8 in. (25980) 101-796			4	*	*	*	35	3
10	X2	0		4930-430-5034	ADAPTER: water hose to tire valve (25980) 161-292			1	*	*	*	35	5
10	X2	0		4930-212-5828	ADAPTER ASSEMBLY: grease gun (25980) 200-065			2	*	*	*	34	2
	X2	0			ADAPTER ASSEMBLY: quick disconnect (25980) 204-808			1	*	*	*	34	3
	X2	0			BRACKET: drum cover, hold down (25980) 162-077			1	*	*	*	27	12
	X2	0		4730-228-1622	CAP: pipe (GE) (25980) 101-351			2	*	*	*	35	11

10	X2	0	4930-30-9805	COUPLING: air line, (25980) 161-300			2	*	*	*	35	1
	X2	0	4930-654-3557	COUPLING: air line (25980) 161-291			2	*	*	*	35	2
	X2	0	4730-773-6882	COUPLING: hose (25980) 162-024			2	*	*	*	35	12
	X2	0		COVER: drum (25980) 162-187			1	*	*	*	27	9
	X2	0	4730-108-6314	FITTING: giant buttonhead (25980) 100-855			6	*	*	*	35	13
	X2	0	4730-243-1484	FITTING: giant buttonhead (25980) 100-852			6	*	*	*	35	15
	X2	0	4730-050-4208	FITTING: lube (25980) 100-054			6	*	*	*	35	7
	X2	0	4730-223-6411	FITTING: lube (25980) 100-854			6	*	*	*	35	14
	X2	0	4730-223-6422	FITTING: lube (25980) 100-846			6	*	*	*	35	
	X2	0	4730-2508148	FITTING: lube			6	*	*	*	35	10
	X2	0	4730-278-0359	FITTING: lube (25980) 100-834			6	*	*	*	35	9
	M	0		HOSE ASSEMBLY: air (25980) 204-734			1	*	*	*	34	1
				MANUFACTURE FROM								
	X2	0	4730-566-1534	ADAPTER			2	*	*	*		
	P	0	4720-289-9625	HOSE: rubber (GE) (10 ft required)	FT		*	See Group	9501	See Group 9501		
10	N	0		HOSE ASSEMBLY: lube (25980) 161-809			1	*	*	*	34	5
				MANUFACTURE FROM:								
	X2	0	4730-714-8895	ADAPTER (79470) 141-18469			2	**				
10	P	0	4930-802-2278	HOSE: rubber (10 ft required) (25980) 61-109	FT		*	See Group	9501	See Group 9501		
10	X2	0	4930-765-1992	HOSE ASSEMBLY: transfer fuel (25980) 204-602			1	*	*	*	34	9
	P1	0	4930-785-5092	HOSE ASSEMBLY: whip end, giant buttonhead (25980) 204-790			2	*	10	*	34	11
9	P1	0	4910-277-9526	GAGE, TIRE PRESSURE (25980) 161-301			1	*	a	5	35	6
	X2	0	4940-785-5081	GUN: air blow (25980) 204-485			1	*	*	*	34	4
9	52	0	4910-204-2644	INFLATOR: gage, pneumatic tire (25980) 204-815			1	*	*	*	34	10
	X2	0		LIGHT: extension (25980) 204-818			1	*	*	*	34	8
	M	0		CABLE ASSEMBLY: trouble light (25980) 158-647			1	*	*	*		
				MANUFACTURE FROM:								
9	P	0	6145-331-2295	CABLE: power (15 ft required)	FT			See Group	9501	See Group 9501		
	X2	0	5940-636-5344	CLIP: electrical (GE)			2					
	X2	0		GUARD: lamp (25980) 152699			1	*	*	*		
	P	0	6240-153-6494	LAMP (GE)			1	*	50	*	27	11
	X2	0	5310-012-0377	NUT: cover drum (25980) 101-131			1	*	a	*	27	14
9	X2	0	5310-655-9647	NUT: cover drum (25980) 101-788			1	*	*	*	35	17
	X2	0		PLUG: coupling (25980) 150-117			2	*	*	*		
9	X2	0	5305-208-1396	SCREW: drum cover bracket hold down			1	*	*	*		
10	X2	0	4930-651-8533	VALVE ASSEMBLY: hydraulic (25980) 203-453			1	*	34	*		
	X2	0	5310-205-9873	WASHER: coupler plug (25980) 150-111			2	*	16	*		
9	X2	0	5310-011-5549	WASHER: cover drum (25900) 100-276			1	*	10	*		
9	52	0	5310-582-5977	WASHER: cover drum bracket (25980) 100-132			1	*	27	13		
				GROUP 47 - GAGES AND MEASURING DEVICES								
				4702 - GAGES, MOUNTINGS, LINES AND FITTINGS								
	X2	0	4730-640-5179	ELBOW (44940) 502-5			1	*	7 13	*		
	X2	0	4730-277-8265	ELBOW: gage (GE) (79470) 3400X2								
	X2	0	3220-671-9721	GAGE (44940) 193P5			1	*	3	*	7	16
	X1	0		CLAMP: mtg (44940) 193-31			1					
11	P1	0	6685-276-9237	GAGE: air (25980) 100-960						3	8	16
11	X2	0	6685-264-3961	GAGE: oil (51240) 2250C19			1	*	*	3	47	3
	X2	0	2910-374-5574	HOSE: oil gage, 9 in. lg (44940) 501A3			1	*	*	*	7	12

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
									100 EQUIPMENTS					
					4702 - GAGES, MOUNTINGS, LINES AND FITTINGS (cont)									
9	X2	0		5310-012-1743	NUT: gage mtg (44940) 860-12			2	*	*	*	7	14	
9	X2	0		5310-012-5751	WASHER: gage mtg (44940) 853-11			2	*	*	*	7	15	
					4705 - REGULATORS									
10	P1	0		4930-691-8175	REGULATOR, pressure (25980) 203-750			3	*	*	9	48	4	
	X2	F			BODY (25980) 160-173			3	*	*	*	58	1	
	X2	F			CAP (25980) 160-174			3	*	*	*	58	14	
10	P	F		4930-691-8176	DIAPHRAGM (25980) 203-752				3	13	*	300	58	
10														
	P	F		5330-691-8165	GASKET: baffle plate (25980) 160-170			3	13	*	300	58	7	
	P	F		5330-691-8141	GASKET: cap (25980) 156-196				3	13	*	300	58	
11														
	X2	F		5315-830-7820	PIN (25980) 160-268			3	*	*	*	58	8	
	X2	F		4930-830-7831	PLATE: baffle (25980) 160--175			3	*	*	*	58	9	
	X2	F		4930-837-7832	PLATE: retainer (25980) 160-180			3	*	*	*	58	13	
	X2	F			PLUG: adjusting (25980) 203-751			3	*	*	*	58	15	
10	P1	F		4930-378-4110	SEAT (25980) 157-798			3	*	*	30	58	6	
	P1	F		5340-378-4172	SPRING (25980) 156-200			3	*	*	30	58	3	
	P1	F		5340-691-8147	SPRING (25980) 157-796			3	*	*	30	58	12	
10	P1	F		4930-712-9343	SPRING: retaining (GE) (25980) 158-188			3	*	*	30	58	2	
	P1	F		4930-691-8149	VALVE: pressure regulating (25980) 157-800			3	*	*	6	58	4	
	P	F		5310-682-5831	WASHER (25980) 152-224			3	13	*	300	58	5	
					GROUP 50 - PNEUNATIC EQUIPIENT									
					5000 - AIR COMPRESSOR ASSEMBLY									
	X2	F R			COMPRESSOR: reciprocating, power driven, Model 6163 HG (97167) AC20393			1	*	*	2	36		
9	X2	F		5305-577-5462	SCREW: compressor mtg (97167) 507056			4	*	*	*	36	7	
9	X2	F		5310-017-3128	WASHER: compressor mtg (97167) 905563			4	*	*	*	36	8	
					5001 - CRANKCASE, BLOCK, CYLINDER HEAD									
	X2	H		4310-374-3074	BLOCK: cylinder (97167) AC4209			1	*	*	5	36	4	
9	X2	H		5306-543-2506	BOLT: crankcase mtg (97167) 507209			8	*	*	*	36	2	
	X2	H			CANKCASE (97167) AC4136			1	*	*	*	36	1	
	P	H		4310-353-5805	GASKET: cylinder (97167) AC2594			1	*	2	100	36	6	
	P	F		4310-695-2613	GASKET: cylinder head (97167) 3AC2882			1	17	*	100	36	3	
	X2	F		4310-374-3075	HEAD: cylinder (97167) AC4210			1	*	*	2	38	1	
	X2	F		4310-374-3076	HEAD ASSEMBLY: cylinder (97167) 1AC2898			1	*	*	2	38		
	X2	F		5315-281-7627	PIN (97167) AC10149			2	*	*	*			
9	X2	H		5305-577-5462	SCREW: cylinder block mtg (97167) 507056			8	*	*	*	36	5	
9	X2	F		5305-018-1407	SCREW: cylinder head mtg (97167) 511167			3	*	*	*	38	9	

INDEX TO PARTS, FIGURE 36

Reference Number	Functional Group	Item Name
1	5001	CRANKCASE
2	5001	BOLT
3	5001	GASKET
4	5001	BLOCK
5	5001	SCREW
6	5001	GASKET
7	5000	SCREW
8	5000	WASHER
9	5006	SCREW
10	5006	TANK
11	5006	OIL PAN AY
12	5006	WASHER
13	5006	SCREW
14	5006	GASKET

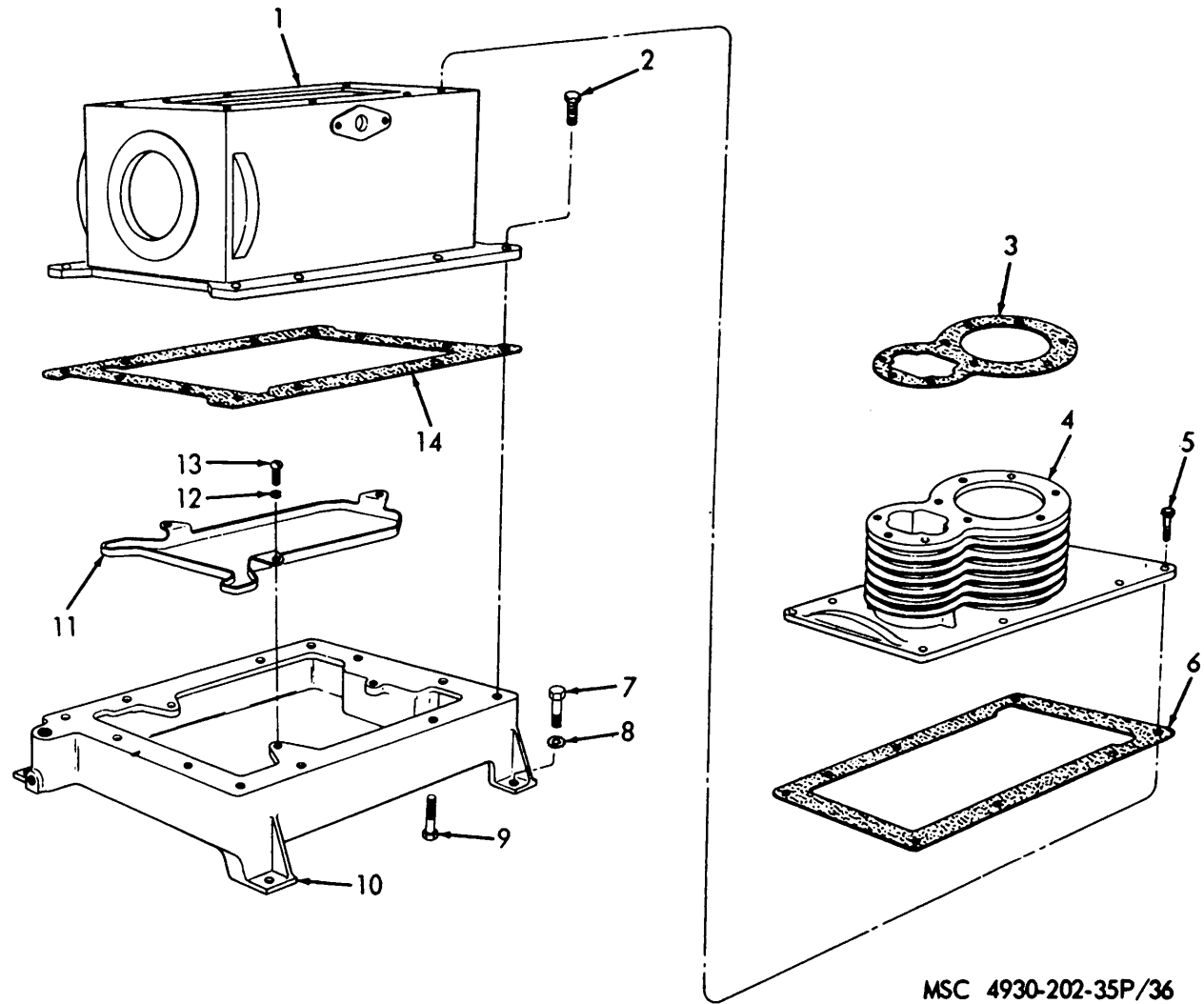
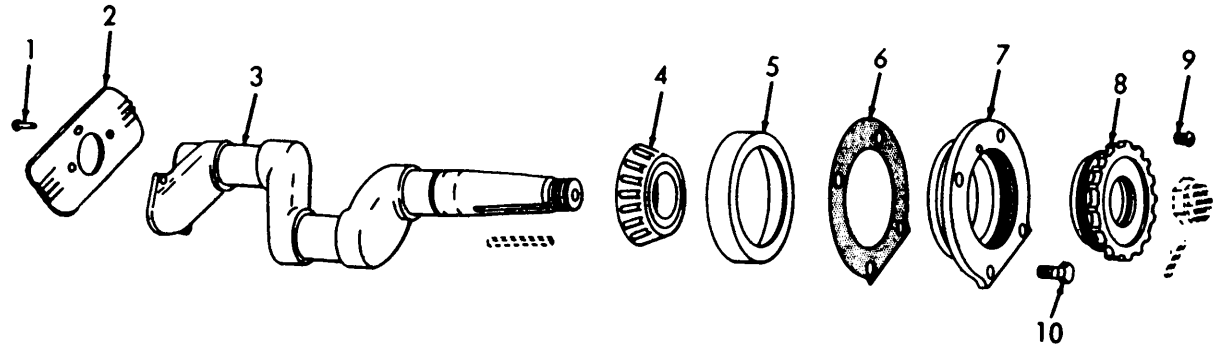


Figure 36. Compressor Block Assembly.
59

INDEX TO PARTS, FIGURE 37

Reference Number	Functional Group	Item Name
1	5002	RIVET
2	5002	DEFLECTOR
3	5002	CRANKSHAFT
4	5002	CONE AND ROLLERS
5	5002	CUP
6	5002	GASKET
7	5002	RETAINER
8	5002	CAP
9	5002	SCREW
10	5002	BOLT

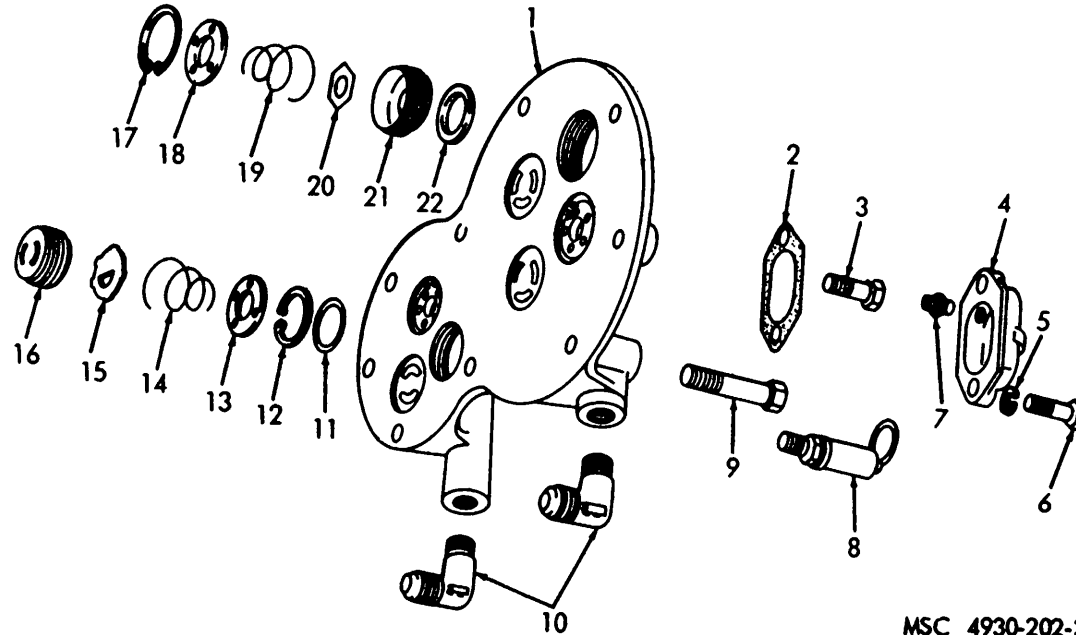


MSC 4930-202-35P/37

Figure 37. Compressor Crankshaft.

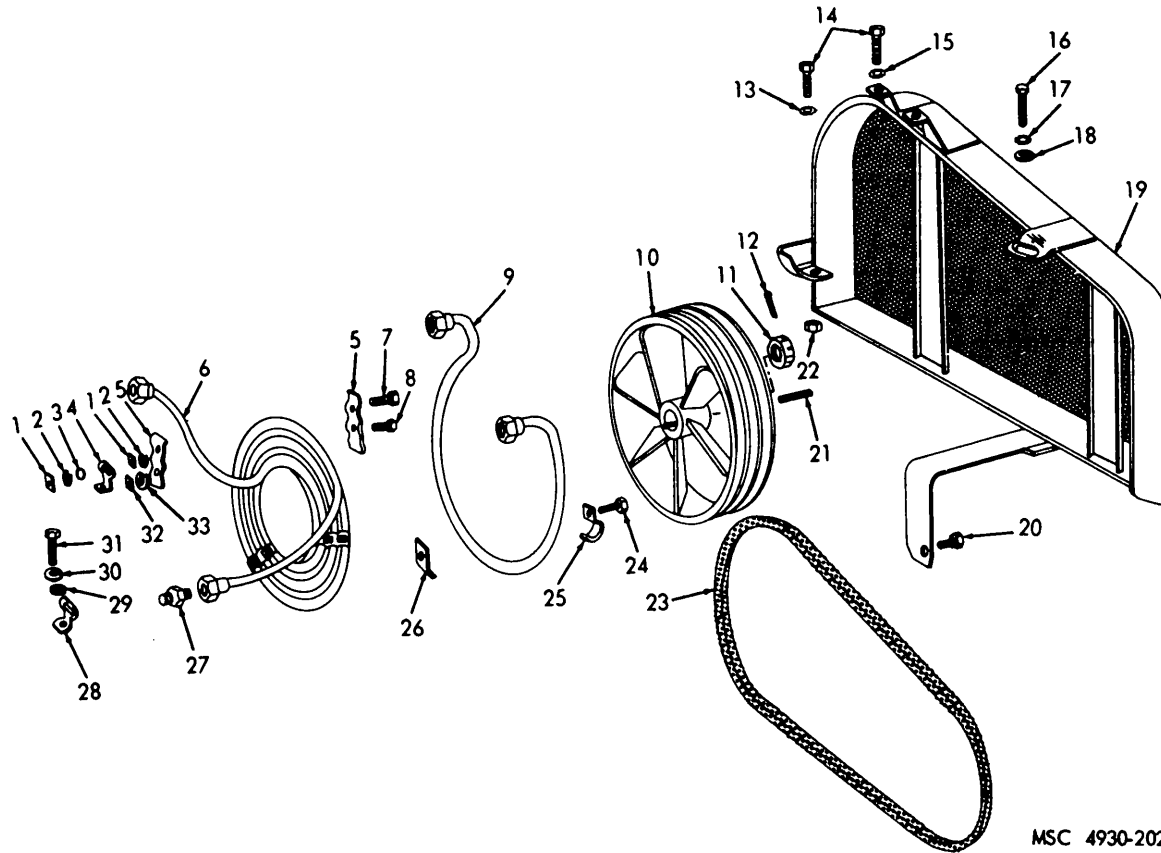
INDEX TO PARTS, FIGURE 38

Reference Number	Functional Group	Item Name
1	5001	HEAD
2	5008	GASKET
3	5001	SCREW
4	5008	ADAPTER
5	5008	WASHER
6	5008	SCREW
7	5006	ADAPTER
8	5009	VALVE
9	5001	SCREW
10	5010	ELBOW
11	5005	GASKET
12	5005	RING
13	5005	RETAINER
14	5005	SPRING
15	5005	VALVE
16	5005	SEAT
17	5005	RING
18	5005	RETAINER
19	5005	SPRING
20	5005	VALVE
21	5005	SEAT
22	5005	GASKET



MSC 4930-202-35P/38

Figure 38. Cylinder head and Valve Assembly.



MSC 4930-202-35P/39

Figure 39. Compressor Cooling

INDEX TO PARTS, FIGURE 39

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	5010	NUT	10	5003	FLYWHEEL AY	18	5007	WASHER	26	5010	STRAP
2	5010	WASHER	11	5003	NUT	19	5007	GUARD	27	5010	ADAPTER
3	5010	WASHER	12	5003	PIN	20	5007	SCREW	28	5010	BRACKET
4	5010	BRACKET	13	5007	WASHER	21	5003	KEY	29	5010	WASHER
5	5010	STRAP	14	5007	SCREW	22	5007	NUT	30	5010	WASHER
6	5010	AFTERCOOLER AY	15	5007	WASHER	23	5007	BELTS	31	5010	BOLT
7	5010	SCREW	16	5007	SCREW	24	5010	SCREW	32	5010	NUT
8	5010	SCREW	17	5007	WASHER	25	5010	STRAP	33	5010	WASHER
9	5010	INTERCOOLER									

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
											100 EQUIPMENTS			
9	X2	F		5305-582-8545	5001 - CRANKCASE, BLOCK, CYLINDER HEAD (cont) SCREW; cylinder head mtg (97167) AC10105			6	*	*	*	38	3	
9	A	H			5002 - CRANKSHAFT			2						
9	P1	H		3110-142-4355	BEARING: roller (60038) 14274			2		*	10	37	4	
9	P1	H		3110-100-0515	CONE AND ROLLERS CUP			2		*	10	37	5	
9	X2	H		5306-282-9639	BOLT: bearing cap mtg (97167) 507209			8		*	*	37	10	
	X2	H		4310-358-0661	CAP: adjusting, bearing (97167) AC10155			1		*	*	37	8	
	X2	H		4310-374-3077	CRANKSHAFT (97167) 2AC3419			1			4	37	3	
	X2	H		4310-358-1563	DEFLECTOR (97167) AC1767			1		*	*	37	2	
	P	H		4310-698-7867	GASKET: bearing cap (97167) AC1787			6		8	600	37	6	
	X2	H		4310-358-0660	RETAINER: crankshaft bearing (97167) AC1834			1		*	*	37	7	
9	X2	H		5320-011-0790	RIVET (97167) 511769			3		*	*	37	1	
9	X2	H		5305-011-3975	SCREIW: bearing adjusting (97167) 507028			1		*	*	37	9	
					5003 - FLYWHEEL ASSEMBLY									
	X2	0		4310-374-3062	FLYWHEEL ASSEMBLY (97167) AC1081			1	*	*	*	39	10	
	X2	0		5315-274-4364	KEY: crankshaft to flywheel (97167) AC1829			1	*	*	*	39	21	
9	X2	0		5310-275-5506	NUT: flywheel mtg (97167) 511165			1	*	*	*	39	11	
9	X2	0		5315-013-7185	PIN: flywheel mtg (97167) 902715			1	*	*	*	39	12	
					5004 - PISTONS, CONNECTING RODS									
	P1	H		4310-353-5806	PISTON: high pressure (97167) AC2821			1		*	25	40	14	
	P1	H		4310-374-3059	PIN (97167) AC10493			1		*	100	40	15	
	P1	H		4310-353-5807	PISTON: low pressure (97167) AC3408			1		*	25	40	4	
	P1	H		4310-374-3058	PIN (97167) AC10492			1		*	100	40	19	
	P1	H		4310-353-5817	RING: compression (77220) 903513			1		*	100	40	2	
	P1	H		4310-569-4109	RING: compression (77220) F1470			2		*	200	40	18	
	P1	H		4310-507-1875	RING: compression, 1st stage (77220) 29361			2		*	200	40	1	
	P1	H		4310-353-5815	RING: compression, 2nd stage (m20) 903511			1		*	100	40	1	
	P1	H		4310-353-5816	RING: oil (77220) 2A352			1		*	100	10	3	
	P1	H		4310-353-5814	RING: oil, 2d stage (220) 72A351			1		*	100	40	16	
	X2	H		4310-353-5809	ROD ASSEMBLY: connecting, 1st stage (97167) 1AC10327			1			10	40	5	
	P	H		4310-695-2618	BEARING: connecting rod (97167) 2AC1837			2	See Group	9901	See Group 9901	40	10	
	X2	H		5306-639-4919	BOLT: connecting (97167) AC1240			2		*	*	40	8	
	X2	H		4310-374-3064	DIPPER: oil (97167) AC1790			1	See Group	9901	See Group 9901	40	11	
9	X2	H		5310-050-3383	NUT (97167) AC10785			2		*	*	40	12	
9	X2	H		5305-011-7293	SCREW (97167) 507476			1		*	*	40	7	

INDEX TO PARTS, FIGURE 40

Reference Number	Functional Group	Item Name
1	5004	RING
2	5004	RING
3	5004	RING
4	5004	PISTON
5	5004	ROD AY
6	5004	WASHER
7	5004	SCREW
8	5004	BOLT
9	5004	SHIM
10	5004	BEARING
11	5004	DIPPER
12	5004	NUT
13	5004	ROD AY
14	5004	PISTON
15	5004	PIN
16	5004	RING
17	5004	RING
18	5004	RING
19	5004	PIN
20	5004	SCREW

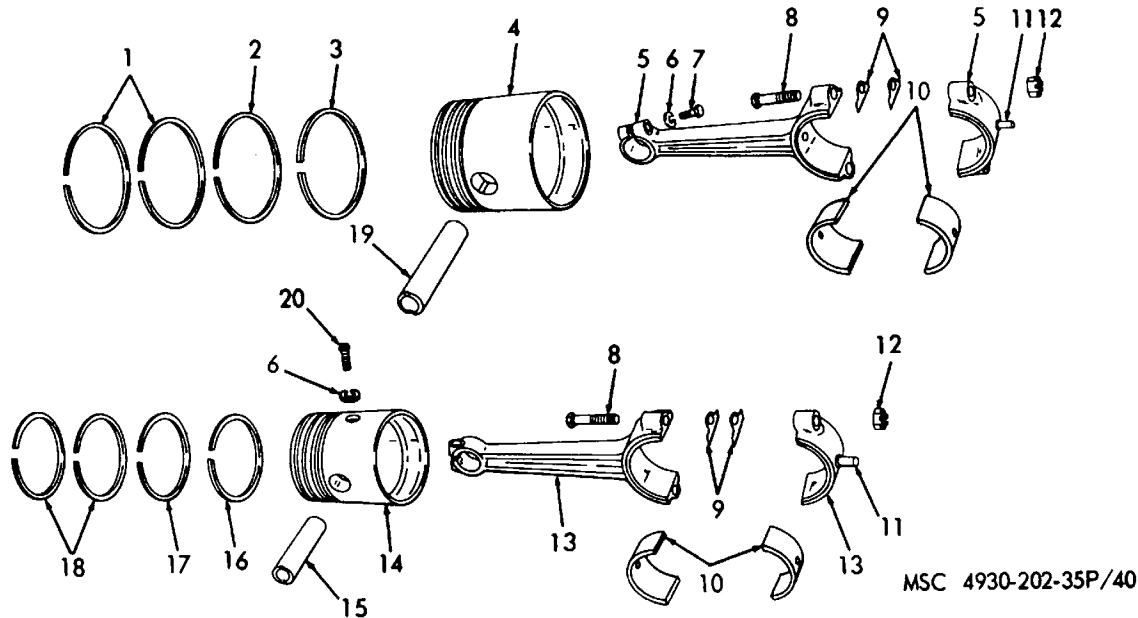


Figure 40. Connecting Rod and Piston Assembly.

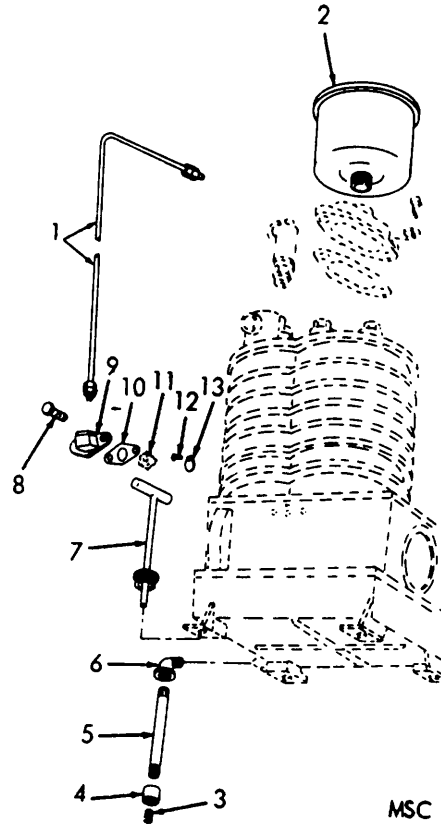
SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.	
									3RD ECH	4TH ECH	5TH ECH			
									100 EQUIPMENTS					
5004 - PISTONS, CONNECTING RODS (cont)														
		X2	H	4310-695-2612	SHIM rod bearing (97167) AC10363			2	See Group	9901	See Group 9901	40	9	
		X2	H	5310-010-3320	WASIHER (97167) 902017			1	See Group	*	See Group *	40	6	
		X2	H	4310-353-5808	ROD ASSEMBLY: connecting, 2nd stage (97167) 1AC10326			1	See Group	*	10	40	13	
		P	H	4310-695-2618	BEARING: connecting rod (97167) 2AC1837			2	See Group	9901	See Group 9901	40	10	
		X2	H	5306-639-4919	BOLT: connecting rod (97167) AC1240			2	See Group	*	*	40	8	
		X2	H	4310-374-3064	DIPPER: oil (97167) AC1790			1	See Group	9901	See Group 9901	40	11	
		X2	H	5310-050-3383	NUT (97167) AC10785			2	See Group	*	*	40	12	

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE		FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH			
									100 EQUIPMENTS					
					5004 - PISTONS, CONNECTING RODS (cont)									
	X2	H		5305-377-6221	SCREW: clamping (97167) AC1175			1						
	X2	H		4310-695-2612	SHIM: rod bearing (97167) AC10363			2	See Group	40	20	40	9	
	X2	H		5310-010-3320	WASHER (97167) 902017			2		9901	See Group 9901	40	6	
					5005 - VALVES									
	P1	F		4310-353-5799	VALVE ASSEMBLY: discharge, medium (97167) AC10886			2	*	*	40	38		
	X1			2940-202-2475	GASKET: exhaust, 2nd stage (79150) 2145			2				38	11	
	X1			4310-374-3055	RETAINER (97167) AC10305			2				38	13	
	X1			5340-527-1787	RING (97167) 5000-112			2				38	12	
	X1			4930-887-8890	SEAT: discharge valve (97167) ACO84			2				38	16	
	X1			4310-200-8999	SPRING (97167) AC10309			2				38	14	
	X1			4930-887-5753	VALVE: discharge (97167) ACIO885			2				38	15	
	P	F		4310-698-7861	VALVE ASSEMBLY: intake-discharge large (97167) AC10689			5	2	*	100	38		
	X1			4310-640-9303	GASKET: intake-exhaust (79150) 2173C1			5				38	22	
	X1			4310-353-5796	RETAINER (97167) AC10257			5				38	18	
	X1			5340-281-6478	RING (79136) 5000-131			5				38	17	
	X1				SEAT: discharge valve (97167) AC10887			5				38	21	
	X1			4310-253-6954	SPRING (97167) AC1780			5				38	19	
	X1			4310-718-9270	VALVE: discharge (97167) AC10888			5				38	20	
					5006 - LUBRICATION SYSTEM									
	9	X2	0	4730-426-0593	ADAPTER: crankcase breather tube (30327) 68F			2	*	*	*	38	7	
		X2	0	5306-550-1209	BOLT: breather mtg (97167) 507284			2	*	*	*	41	8	
		X2	0	4730-187-7595	COUPLING: crankcase drain (GE) (25980) 100-175			1	*	*	*	41	4	
		X2	0	4310-374-3061	COVER: valve chamber (97167) AC10692			1	*	*	*	41	13	
		X2	0	4730-246-9215	ELIOIL: crankcase drain (GE) (25980) 100-117			1	*	*	*	41	6	
		X2	0	4310-353-5818	FILTER ELEIINT: breather (97167) 903956			1	*	*	*	41	11	
		X2	0	6680-830-3795	GAGE ROD: cap, oil filler (97167) AC11282			1	*	*	*	41	7	
		M	0		GASKET: manifold breather (97167) AC10693			1	*	*	*	41	10	
					MANUFACTURE FROM									
		P	0	5330-233-5846	PAPER: gasket (GE) (3 in. x 3 in. required)	YD			See Group	9501	See Group 9501			
		P	F	4310-718-6885	GASKET: oil pan (97167) AC11004			1	1	2	100	36	14	
		X2	0	4310-374-3072	MANIFOLD: breather (97167) AC2967			1	*	*	*	41	9	
		X2	0	4730-278-0083	NIPPLE: crankcase drain (GE) (25980) 100-200			1	*	*	*	41	5	
		X2	F	4310-374-3070	OIL PAN ASSEMBLY: crankcase (97167) AC2892			1	*	*	*	36	11	
		X2	0	4730-011-2578	PLUG: crankcase drain (97167) 508948			1	*	*	*	41	3	
	9	X2	0	5305-014-5370	SCREW: cover mtg (97167) 507980			1	*	*	*	41	12	
	9	X2	F	5305-018-1732	SCREW: oil pan mtg (97167) 511170			2	*	*	*	36	9	
	9	X2	F	5305-551-7044	SCREW: oil pan mtg (97167) 507207			3	*	*	*	36	13	

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
	X2	F		4310-358-1185	TANK, OIL (97167) AC3112-2			1	*	*	*	36	10
	M	O			TUBE: crankcase breather (97167) 702057			1				41	1
	P	O		4710-277-5525	MANUFACTURE FROM: TUBE, COPPER (13 in. required)	FT			See Group	9501	See Group 9501		
	X2	F		5310-010-6497	WASHER: oil pan mtg (97167) 902015			3	*	*	*	36	12
	P	O		3030-585-3916	BELTS, V", MATCHED SET (25980) 161-284	SE		1	(6)	*	50	39	23
	X2	O			GUARD: belt (25980) 204-285			1	*	*	*	39	19
9	X2	O		5315-050-5755	KEY: pulley mtg (44940) 515A57			1	*	*	*	10	25
9	X2	O		5310-655-9544	NUT: guard mtg			1	*	*	*	39	22
	X2	O		4930-798-1313	PULLEY: belt (25980) 101-677			1	*	*	*	10	1
9	X2	O		5305-013-2900	SCREW: guard mtg			1	*	*	*	39	16
9	X2	O		5305-577-5462	SCREW: guard mtg (97107) 507056			3	*	*	*	39	14
	X2	O			SCREW, ASSEMBLED WASHER: guard mtg; cadmium or zinc plated; 1/4-20 thd size: 1/2 in. lg (25980) 101-761			1	*	*	*	39	20
9	X2	O		5305-286-1494	SCREW			1	*	*	*		
9	X2	O		5310-012-1753	WASHER			1	*	*	*		
9	X2	O		5305-013-9031	SETSCREW: pulley mtg (25980) 100-572			1	*	*	*	10	26
9	X2	O		5310-013-8479	WASHER: guard mtg (25980) 100-732			1	*	*	*	39	17
9	X2	O		5310-017-3128	WASHER: guard mtg (97167) 905563			2	*	*	*	39	13
	X2	O		5310-261-7340	WASHER: guard mtg (97167) 902018			2	*	*	*	39	15
9	X2	O		5310-582-5676	WASHER: guard mtg (25960) 100-086			1	*	*	*	39	18
	X2	O		4930-798-1331	5008 - AIR INTAKE ADAPTER: muffler (97167) AC20374			1	*	*	*	38	4
	M	O			GASKET: intake cover (97167) AC10288			1				38	2
	P	O		5330-233-5847	MANUFACTURE FROM: PAPER: gasket (GE) (4 x 4 in. required)	FT			See Group	9501	See Group 9501		
10	X2	O		4930-654-3558	MUFFLER: air intake (00736) S10GA			1	*	*	*	41	2
9	X2	O		5305-577-5462	SCREW: adapter mtg (97167) 507056			2	*	*	*	38	6
	X2	O		5310-261-7340	WASHER: adapter mtg (97167) 902018			2	*	*	*	38	5
	X2	F		4310-358-0615	5009 - UNLOADER SYSTEM COMPONENTS BRACKET: control valve (97167) AC10042			1	*	*	*	43	20
	X2	F		4310-358-0677	CLAIP: bracket (97167) AC10043			1	*	*	*	43	21
	X2	F			GASKET: unloader valve mtg (as required) (97167) AC1787			1	*	*	*	42	24
9	X2	F		5315-276-4705	PIN: valve post to crankshaft (97167) AC10023			1	*	*	*	42	21
9	X2	F		5305-685-1344	SCREW: bracket mtg (97167) 507406			1	*	*	*	43	18
	X2	F		5305-011-3958	SCREW: clamp mtg (97167) 507419			2	*	*	*	43	22
	X2	F		5305-011-7293	SCREW: unloader valve mtg			4	*	*	*	42	22
10	P1	F		4930-212-5715	VALVE: lift check (97167) AC1965			1	*	*	*	44	
	X2	F		4310-358-0589	BODY (97167) AC2504-2			1	*	*	*	44	12
	X2	F		4310-358-0731	COVER ASSEMBLY (97167) AC1964			1	*	*	*	44	1
	P	F		4310-254-5678	GASKET (97167) AC1921			1	1	*	100	44	11
	P	F		4310-722-5241	GASKET SEAT (97167) AC1947			1	*	*	100	44	10
9	X2	F		5310-050-3574	NUT (97167) 507639			1	*	*	*	44	8

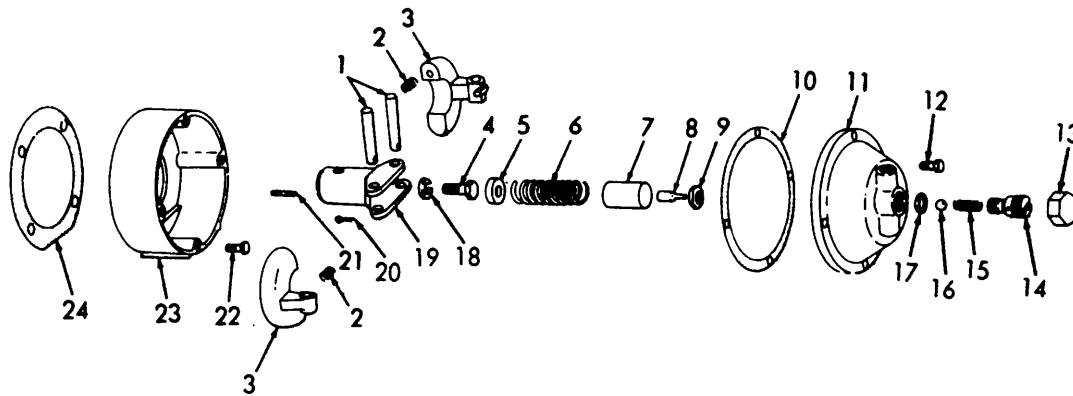
INDEX TO PARTS, FIGURE 41

Reference Number	Functional Group	Item Name
1	5006	TUBE
2	5008	MUFFLER
3	5006	PLUG
4	5006	COUPLING
5	5006	NIPPLE
6	5006	ELBOW
7	5006	GAGE ROD
8	5006	BOLT
9	5006	MANIFOLD
10	5006	GASKET
11	5006	FILTER ELEMENT
12	5006	SCREW
13	5006	COVER



MSC 4930-202-35P/41

Figure 41. Compressor Components.



MSC 4930-202-35P/42

INDEX TO PARTS, FIGURE 42

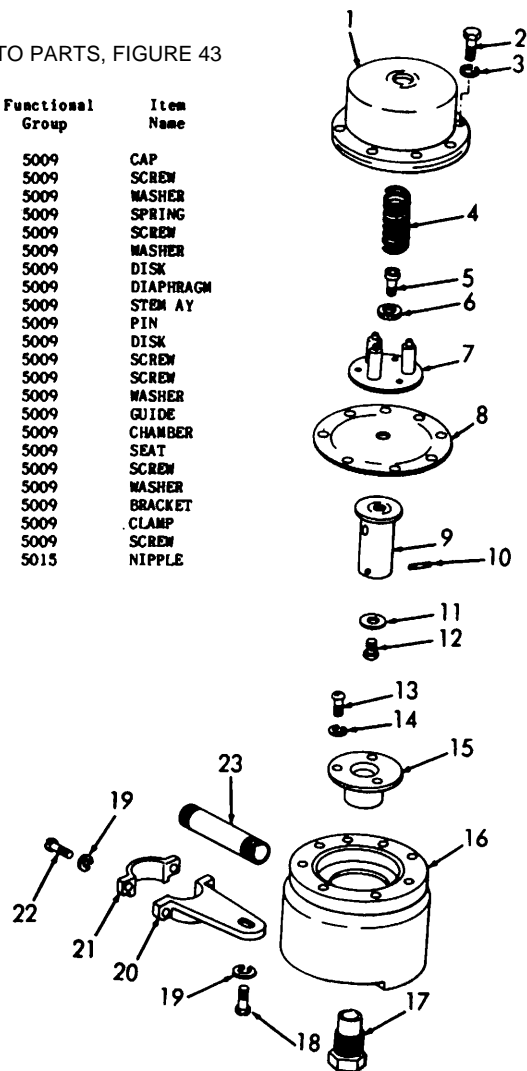
Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	5009	PIN	9	5009	NUT	17	5009	GASKET
2	5009	SPRING	10	5009	GASKET	18	5009	WASHER
3	5009	WEIGHT	11	5009	CAP	19	5009	POST
4	5009	SCREW	12	5009	SCREW	20	5009	PIN
5	5009	SPACER	13	5009	CAP	21	5009	SCREW
6	5009	SPRING	14	5009	VALVE	22	5009	HOUSING
7	5009	PLUNGER	15	5009	SPRING	23	5009	GASKET
8	5009	VALVE	16	5009	BALL	24	5009	GASKET

Figure 42. Unloader Valve.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND-ABILITY	QUAN-TITY INCORP-ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH-NICAL SER-VICE	SOUR-CE	MAIN-TEN-ANCE	RECOV-ERABI-LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
					5009 - UNLOADER SYSTEM COMPONENTS (cont)								
	X2	F		4730-011-2578	PLUG (GE) (97167) 508605			2	*	*	*	44	2
9	X2	F		5305-207-8253	SCREW: cover mtg (97167) 507051			4	*	*	*	44	3
	X2	F		4310-474-9084	SEAT (97167) AC1946			1	*	*	*	44	9
	P1	F		4310-253-6953	SPRING (97167) AC1962			1	*	*	10	44	5
	P1	F		4310-353-5804	VALVE: poppet engine (97167) AC1967			1	*	*	5	44	6
	P1	F		5330-447-9066	WASHER: check valve (97167) AC1944			1	*	*	10	44	7
	X2	F		5310-010-3319	WASHER: cover mtg (97167) 902016			4	*	*	*	44	4
	P1	F		4310-353-5795	VALVE: relief, auxiliary unloader (97167) AC10086			1	*	*	5	43	
	X2	F		4310-358-0663	CAP: unloader (97167) AC10031			1	*	*	*	43	1
	X2	F		4310-358-0675	CHAMBER (97167) AC2561-2			1	*	*	*	43	16
	P1	F		4820-447-9068	DIAPHRAGM (97167) AC10034			1	*	*	50	43	8
	X2	F		4310-447-9069	DISK (97167) AC100			1	*	*	*	43	7
	X2	F			GUIDE: valve stem (97167) AC10089			1	*	*	*	43	15
	X2	F			PIN (97167) 902769			1	*	*	*	43	10
	P1	F		4310-353-5794	PLUNGER (97167) AC10087			1	*	*	10	43	
	X2	F		4310-371-4602	DISK: relief valve (97167) AC10038			1	*	*	*	43	11
9	X2	F		5305-010-0737	SCREW (97167) 507645			1	*	*	*	43	12
	X2	F		4310-358-1513	STEM ASSEMBLY: control valve poppet (97167) AC10163			1	*	*	*	43	9
	X2	F		5305-010-0751	SCREW (97167) 507239			3	*	*	*	43	13
	X2	F		5305-506-5635	SCREW: adjusting, poppet diaphragm (97167) AC10037			1	*	*	*	43	5
9	X2	F		5305-013-2046	SCREW: cap mtg (97167) 507345			8	*	*	*	43	2
	X2	F		4310-358-1363	SEAT: valve (97167) AC10032			1	*	*	*	43	17
	P1	F		5340-358-1476	SPRING (97167) AC10033			1	*	*	10	43	4
	X2	F		5310-010-6496	WASHER (97167) 902402			3	*	*	*	43	14
	X2	F		5310-010-6497	WASHER: cap mtg (97167) 902015			13	*	*	*	43	3
	X2	F			WASHER: diaphragm screw (97167) AC10902			1	*	*	*	43	6
	P1	O		4310-735-4026	VALVE: safety relief (97167) 4AC10858			1	*	*	5	46	1
	P1	O		4820-203-7575	VALVE: safety relief (97167) AC10858			1	*	*	5	38	8
	P1	F		4310-428-1972	VALVE: unloader (97167) AC2700			1	*	*	5	42	
	X2	F		4310-718-9264	CAP ASSEMBLY: centrifugal unloader (97167) AC10392			1	*	*	*	42	
	X2	F		4310-449-980Q	BALL: unloader valve (97167) AC10412			1	*	*	10	42	16
	X2	F		4310-358-066S	CAP: unloader valve (97167) AC1001			4	*	*	*	42	13
	X2	F		4310-374-3069	CAP: unloader valve (97167) AC2697			1	*	*	*	42	11
	P	F		5330-298-5554	GASKET (79150) 2030			1	*	*	100	42	17
9	X2	F		5305-558-3012	SCREW (97167) 507295			1	*	*	*	42	12
	P1	F		4310-598-6766	SPRING: valve (97167) AC10020			1	*	*	10	42	15
	P1	F		4310-353-5797	VALVE, RELIEF: unloading (97167) AC10269			1	*	*	5	42	14
	P	F		4310-599-4593	GASKET: unloader cap (97167) AC10024			1	1	*	100	42	10
	X2	F			HOUSING: unloader valve (97167) AC3241			1	*	*	*	42	23
	X2	F		4930-798-1326	NUT (97167) AC10658			1	*	*	*	42	9
9	X2	F		5315-059-0149	PIN (97167) 902770			2	*	*	*	42	20

INDEX TO PARTS, FIGURE 43

Reference Number	Functional Group	Item Name
1	5009	CAP
2	5009	SCREW
3	5009	WASHER
4	5009	SPRING
5	5009	SCREW
6	5009	WASHER
7	5009	DISK
8	5009	DIAPHRAGM
9	5009	STEM AY
10	5009	PIN
11	5009	DISK
12	5009	SCREW
13	5009	SCREW
14	5009	WASHER
15	5009	GUIDE
16	5009	CHAMBER
17	5009	SEAT
18	5009	SCREW
19	5009	WASHER
20	5009	BRACKET
21	5009	CLAMP
22	5009	SCREW
23	5015	NIPPLE

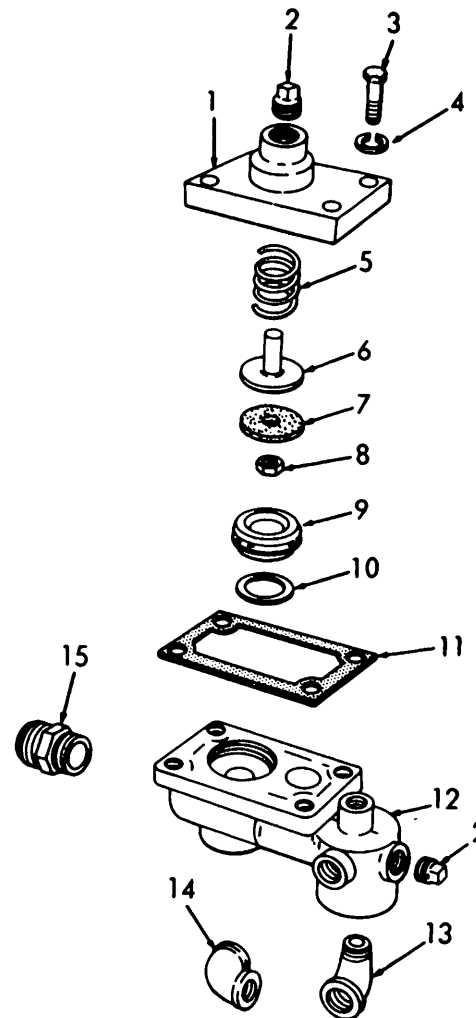


MSC 4930-202-35P/43

Figure 43. Auxiliary Unloader Valve.

INDEX TO PARTS, FIGURE 44

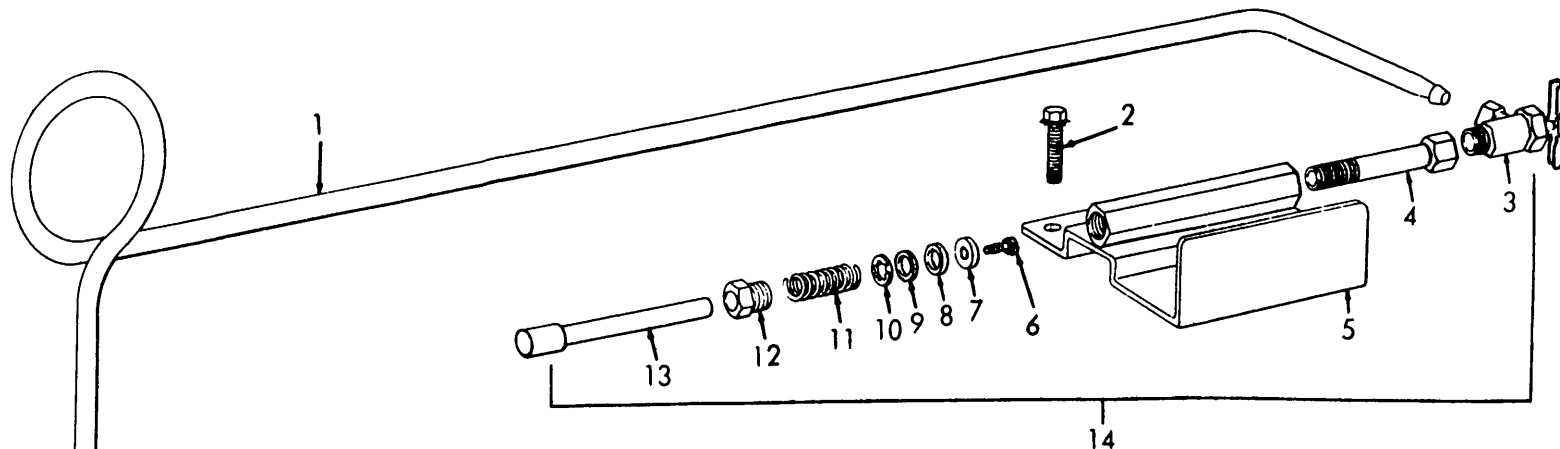
Reference Number	Functional Group	Item Name
1	5009	COVER AY
2	5009	PLUG
3	5009	SCREW
4	5009	WASHER
5	5009	SPRING
6	5009	VALVE
7	5009	WASHER
8	5009	NUT
9	5009	SEAT
10	5009	GASKET SET
11	5009	GASKET
12	5009	BODY
13	5015	ELBOW
14	5015	ELBOW
15	5015	ADAPTER



MSC 4930-202-35P/44

Figure 44. Control Valve Assembly.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
					5009 - UNLOADER SYSTEM COMPONENTS (cont)								
	X2	F		5315-276-4403	PIN (97167) AC10015			2	*	*	*	42	1
	P1	F		4310-358-1149	PUNGER (97167) AC10017			1	*	*	10	42	7
	X2	F		4310-358-1155	POST: weight centrifugal (97167) AC10011			1	*	*	*	42	19
9	X2	F		5305-582-8545	SCREW (97167) AC10105			1	*	*	*	42	4
	X2	F		4310-358-1413	SPACER: plunger spring (97167) AC10018			1	*	*	*	42	5
	P1	F		4310-200-6012	SPLING: plunger (97167) AC10019			1	*	*	10	42	6
	P1	F		4310-253-6952	SPRING: weight (97167) AC10021			2	*	*	20	42	2
9	P1	F		4310-374-3054	VALVE: needle (97167) AC10270			1	*	*	5	42	8
	X2	F		5310-194-0743	WASHER (97167) 90272			1	*	*	*	42	18
	X2	F		4310-358-1646	WEIGHT (97167) AC10012			2	*	*	*	42	3
	X2	F		5310-010-3319	WASHER: unloader bracket mtg			3	*	*	*	43	19
					5010 - COMPRESSOR COOLING								
	X2	O		4730-541-3074	ADAPTER: aftercooler (GE) (30327) 48F			1	*	*	*	39	27
	X2	O		4310-358-0715	AFTERCOOLER ASSEMBLY (97167) AC10956			1	*	*	*	39	6
	X2	O		5340-374-3067	STRAP: tubing (97167) AC1902			6	*	*	*	39	5
	X2	O		5306-577-5458	BOLT: bracket mtg (97167) 507054			2	*	*	*	39	31
	X2	O			BRACKET: lh, aftercooler (97167) AC10948			1	*	*	*	39	28
	X2	O			BRACKET: rh, aftercooler (97167) AC10947			1	*	*	*	39	41
	X2	O		4730-810-9803	ELBOW: intercooler (30327) 49F			3	*	*	*	38	10
	X2	O		4310-374-3060	INTERCOOLER: compressor (97167) AC10565			1	*	*	*	39	9
	X2	O		5310-010-3105	NUT (97167) 511288			4	*	*	*	39	32
	X2	O		5310-012-0619	NUT (97167) 906202			4	*	*	*	39	1
9	X2	O		5305-010-0752	SCREW: bracket mtg (97167) 50218			4	*	*	*	39	8
9	X2	O		5305-011-0505	SCREW: bracket mtg (97167) 511080			2	*	*	*	39	7
	X2	O		5340-446-9730	STRAP: intercooler (97167) AC10949			1	*	*	*	39	26
	X2	O		5340-827-7247	STRAP: intercooler (97167) AC10950			1	*	*	*	39	25
9	X2	O		5305-014-2611	SCREW: strap mtg (97167) 512056			1	*	*	*	39	24
	X2	O		5310-010-6497	WASHER (97167) AC10933			2	*	*	*	39	33
	X2	O		5310-010-6496	WASHER: bracket mtg (97167) 902402			4	*	*	*	39	2
	X2	O		5310-010-6497	WASHER: bracket mtg (97167) 902015			4	*	*	*	39	3
	X2	O		5310-010-3320	WASHER: bracket mtg (97167) 90217			2	*	*	*	39	30
	X2	O		5310-194-1540	WASHER; bracket mtg (97167) 901529			2	*	*	*	39	29
					5012 - THROTTLING DEVICES								
10	X2	O		4930-785-5094	CONTROL ASSEMBLY: push-pull (25900) 204-787			1	*	*	*	45	14
	X2	O		4820-353-3223	COCK: shut-off (25980) 101-738			1	*	*	*	45	3
10	X2	O		4930-264-0221	CUP: compression (25980) 150-453			1	*	*	*	45	7
	X2	O			CYLINDER, THROTTLE CONTROL (25980) 204-786			1	*	*	*	45	5



INDEX TO PARTS, FIGURE 45

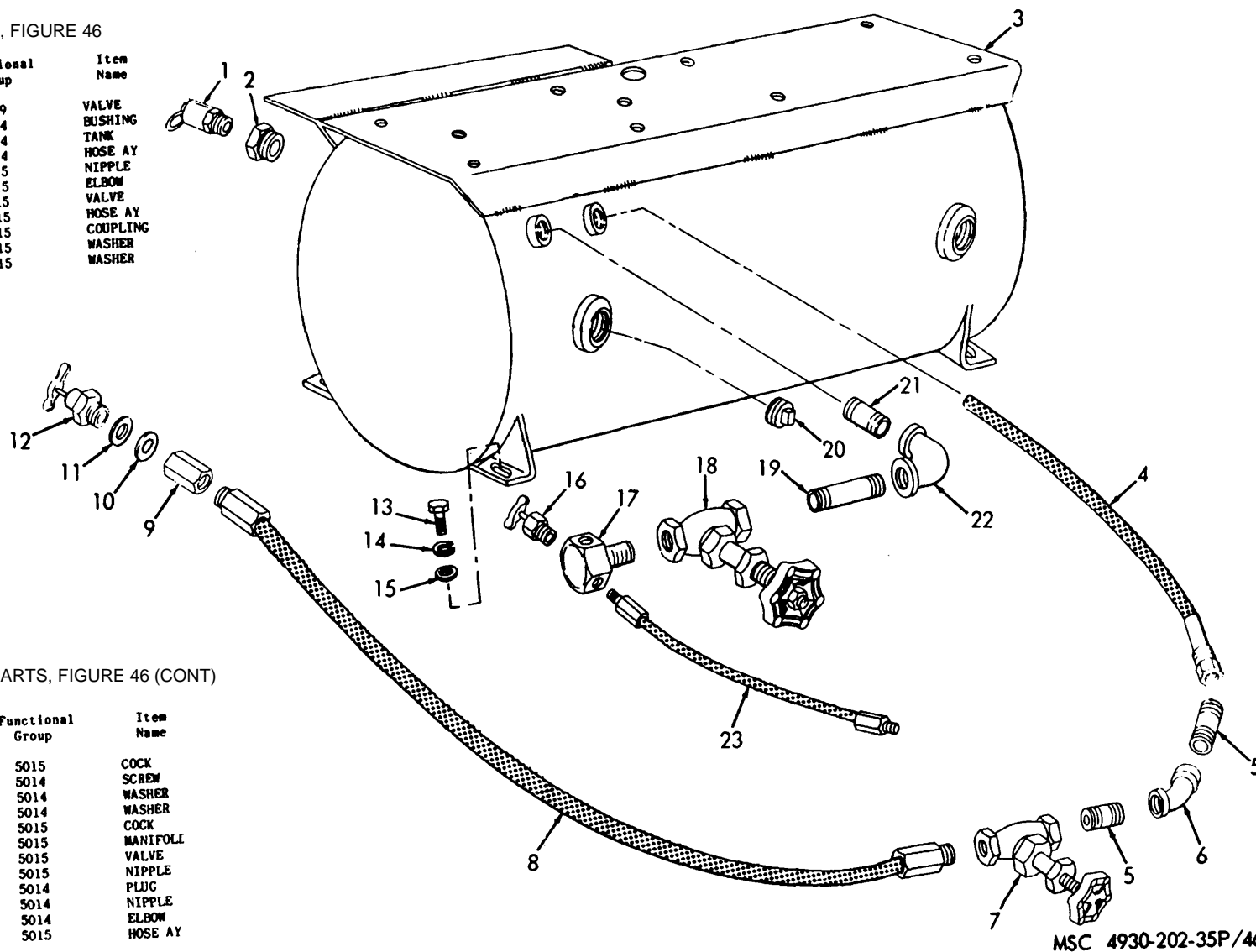
Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	5015	TUBE	9	5012	SEAT
2	5012	SCRW ASMBLD WSHR	10	5012	WASHER
3	5012	COCK	11	5012	SPRING
4	5012	NIPPLE	12	5012	GUIDE
5	5012	CYLINDER	13	5012	ROD
6	5012	SCREW	14	5012	CONTROL AY
7	5012	CUP	15	5012	SWITCH
8	5012	WASHER			

MSC 4930-202-35P/45

Figure 45. Pressure Switch and Control Assembly.

INDEX TO PARTS, FIGURE 46

Reference Number	Functional Group	Item Name
1	5009	VALVE
2	5014	BUSHING
3	5014	TANK
4	5014	HOSE AY
5	5015	NIPPLE
6	5015	ELBOW
7	5015	VALVE
8	5015	HOSE AY
9	5015	COUPLING
10	5015	WASHER
11	5015	WASHER



INDEX TO PARTS, FIGURE 46 (CONT)

Reference Number	Functional Group	Item Name
12	5015	COCK
13	5014	SCREW
14	5014	WASHER
15	5014	WASHER
16	5015	COCK
17	5015	MANIFOLD
18	5015	VALVE
19	5015	NIPPLE
20	5014	PLUG
21	5014	NIPPLE
22	5014	ELBOW
23	5015	HOSE AY

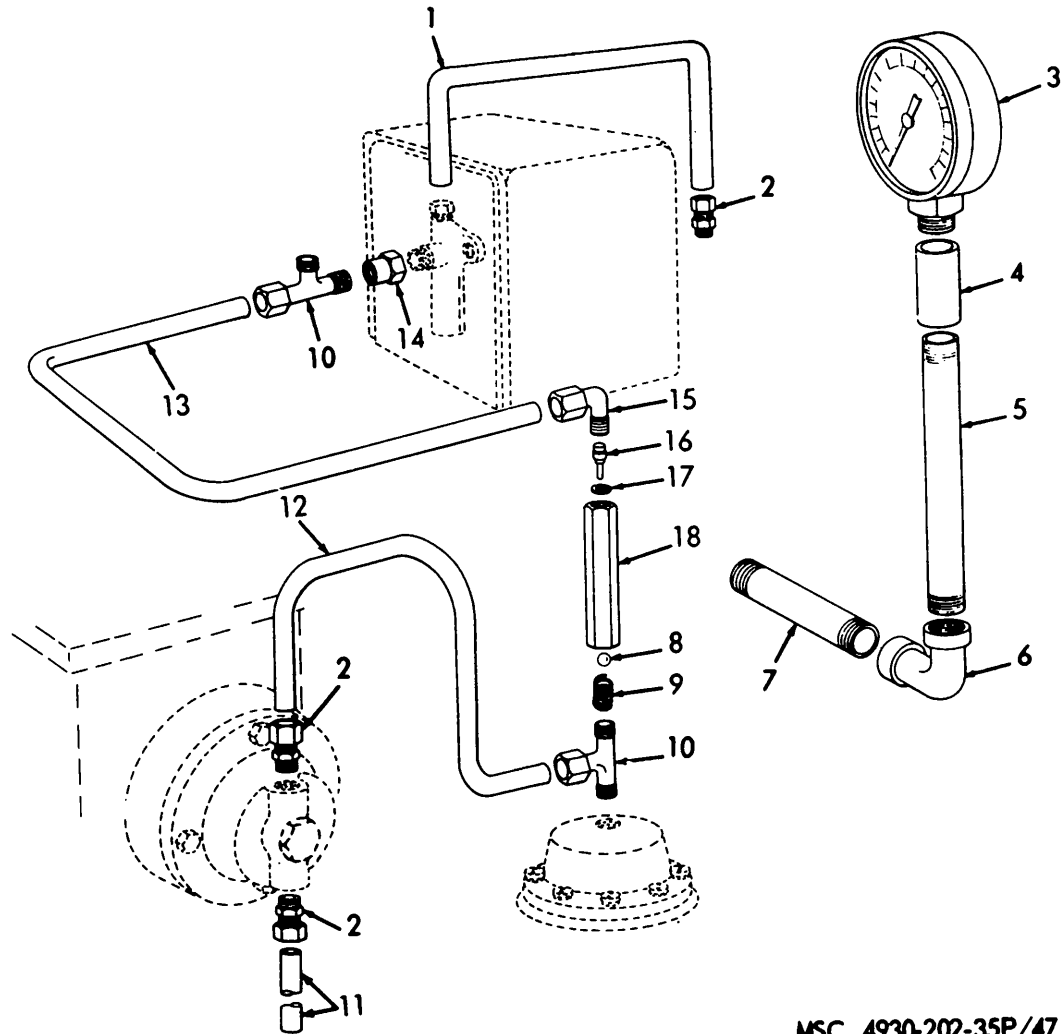
MSC 4930-202-35P/46

Figure 46. Air Reservoir and Components.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND- ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
				5012 - THROTTLING DEVICES (cont)									
10	X2	O		4930-307-6712	GUIDE: push rod (25986) 158-653			1	*	*	*	45	12
	X2	O			NIPPLE: pipe (25980) 158-929			1	*	*	*	45	4
10	X2	O		4930-307-6711	ROD: push. valve (25960) 158-652			1	*	*	*	45	13
9	X2	O		5305-011-0487	SCREW (25980) 100-261			1	*	*	*	45	6
10	X2	O		4930-307-6710	SEAT: plunger spring (25980) 157974			1	*	*	*	45	9
	P1	O		5340-691-8154	SPRING (25980) 158-656			1	*	*	10	45	11
9	X2	O		5310-011-5545	WASHER (25980) 100-718			1	*	*	*	45	10
	X2	O		5310-269-5965	WASHER (25980) 150-100			1	*	*	*	45	8
	X2	O			SCREW, ASSEMBLED WASHER: cylinder mtg; cadmium or zinc plated; 1/4-20 thd size; 1/2 in. lg (25980) 101-761			2	*	*	*	45	2
9	X2	O		5305-286-1494	SCREW (25980) 101-761			2	*	*	*		
9	X2	O		5310-012-1753	WASHER, LOCK (25980) 101-761			2	*	*	*		
11	X2	O		5930-371-4603	SWITCH: pressure (92578) 1AC2855			1	*	*	3	45	15
				5014 - AIR RECEIVER									
9	X2	F		5305-558-3692	SCREW: tank mtg (25980) 100-049			4	*	*	*	46	13
	X2	F			TANK: air receiver, 30 gal, 16 in. dia horizontal (97167) AC3802			1	*	*	*	46	3
	X2	O		4730-202-4669	BUSHING (97167) 508528			1	*	*	*	46	2
	X2	O		4730-249-3917	ELBOW (GE) (97167) 508372			1	*	*	*	46	22
	P1	O		4930-798-1330	HOSE ASSEMBLY: drain (97167) AC20392			1	*	*	30	46	4
	X2	O		4730-188-1877	NIPPLE (GE) (97167) 500026			1	*	*	*	46	21
	X2	O		4730-278-3412	PLUG (97167) 508744			1	*	*	*	46	20
9	X2	F		5310-017-8556	WASHER: tank mtg (25901) 101-441			4	*	*	*	46	14
9	X2	F		5310-187-5347	WASHER: tank mtg (25980) 100-241			4	*	*	*	46	15
				5015 - AIR DISCHARGE SYSTEM									
	X2	O		4730-364-8740	ADAPTER (25980) 101-838			1	*	*	*	47	14
	X2	O		4730-289-1242	ADAPTER: air line (25960) 100-113			3	*	*	*	47	2
	X2	O		4730-541-3074	ADAPTER: check valve (GE) (30327) 48F			1	*	*	*	44	15
9	P1	O		3110-100-6151	BALL: bearing (25980) 101-838			1	See Group	9901	See Group 9901	47	8
	X2	O		4930-831-3975	BODY: auxiliary air release valve (25980) 162-515			1	*	*	*	47	18
	X2	O			BOLT, "0": air vent tube (25900) 162-045			2	*	*	*	48	15
	X2	O		4820-275-2226	COCK: drain (25980) 101-759			1	*	*	*	46	16
10	X2	O		4930-858-3252	COCK: drain (25980) 101-840			1	*	*	*	46	12
	X2	O		4730-779-8100	COUPLING: air outlet hose (25980) 150-153			1	*	*	*	46	9
	X2	O		4730-187-7595	COUPLING: pressure gage (GE) (25980) 101-493			1	*	*	*	47	4
	X2	O		4730-249-3915	ELBOW (GE) (97167) 508935			1	*	*	*	44	14
	X2	O		4730-246-9200	ELBOW: air tank drain line (GE) (25980) 100-584			1	*	*	*	46	6
	X2	O			ELBOW: auxiliary air release valve (30327) 6w			1	*	*	*	47	15

INDEX TO PARTS, FIGURE 47

Reference Number	Functional Group	Item Name
1	5015	TUBE
2	5015	ADAPTER
3	4702	GAGE
4	5015	COUPLING
5	5015	NIPPLE
6	5015	ELBOW
7	5015	NIPPLE
8	5015	BALL
9	5015	SPRING
10	5015	TEE
11	5015	TUBE
12	5015	TUBE
13	5015	TUBE
14	5015	ADAPTER
15	5015	ELBOW
16	5015	PISTON
17	5015	PACKING
18	5015	BODY



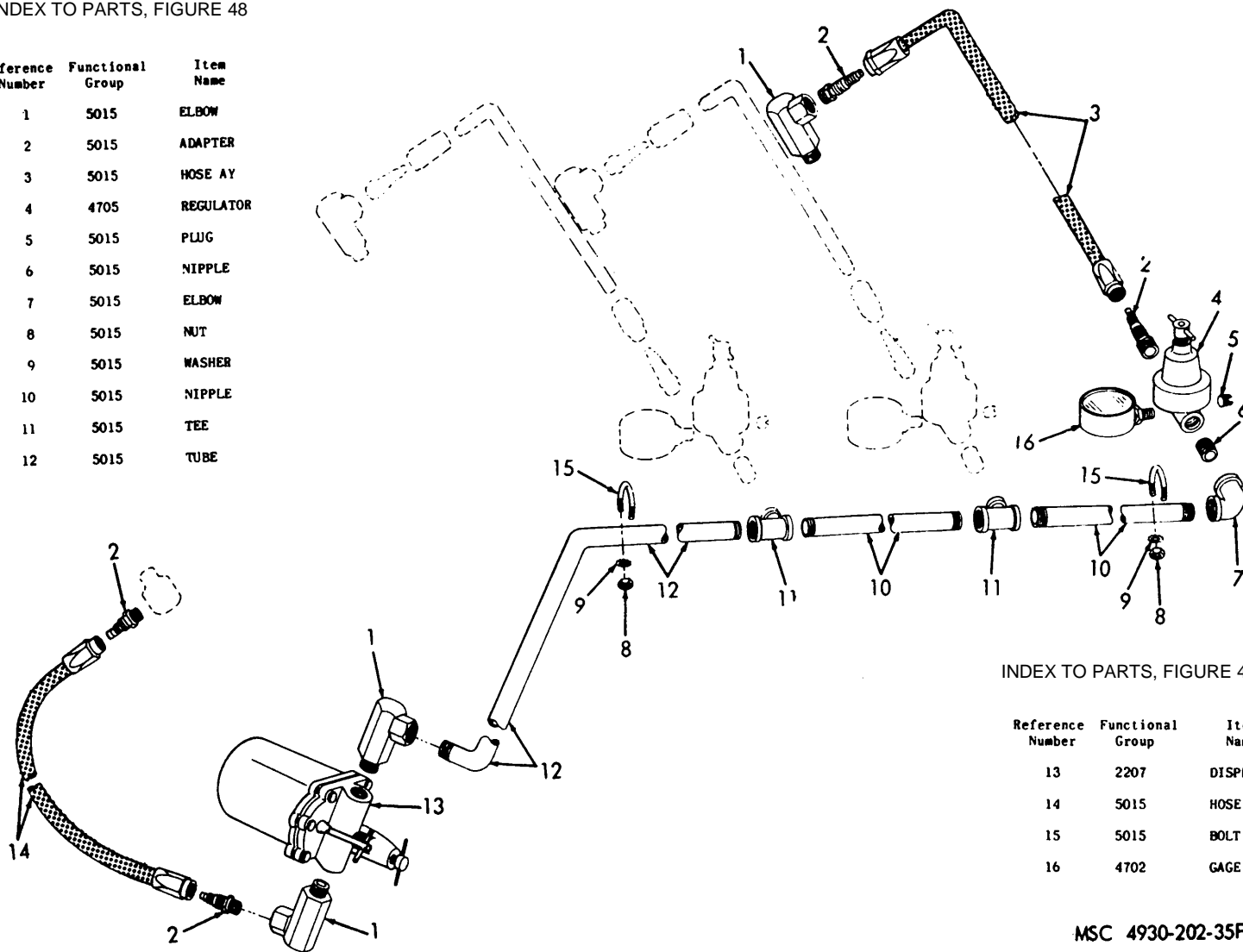
MSC 4930-202-35P/47

Figure 47. Lines, Fittings, and Pressure Gage.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
					5015 - AIR DISCHARGE SYSTEM (cont)								
	X2	O		4730-278-4240	ELBOW: control valve assembly (GE)(97167) 508594			1	*	*	*	44	13
	X2	O		4730-278-4284	ELBOW: pressure gage (GE) (97167) 508935			1	*	*	*	47	6
	X2	O		4730-249-1510	ELBOW: pressure regulator line (GE) (25980) 101-084			1	*	*	*	48	7
	X2	O		4730-580-7460	ELBOW: pump end (70434) 6MA6UFS			3	*	*	*	28	11
	X2	O		4730-580-7468	ELBOW: pump end (70434) 6MA6UFS			5	*	*	*	48	1
10	X2	O		4930-580-6507	HOSE, ASSEMBLY (25980) 161-494			4	*	*	*	48	3
	X2	O		4730-784-8895	ADAPTER (79470) 141-18469			8	*	*	*	48	2
10	M	O			HOSE ASSEMBLY (25900) 161-495			1				48	14
					MANUFACTURE FROM:								
	X2	O		4730-784-8895	ADAPTER (79470) 141-18469			2	*	*	*		
10	P	O		4930-802-2278	HOSE: lubricant (27 in. required) (25980) 161-109	FT			See Group	9501	See Group 9501		
10	P1	O		4930-580-6507	HOSE ASSEMBLY: air (25900) 161-494			3	*	*	30	28	10
	X2	O		4730-784-8895	ADAPTER (79470) 141-18469			6	*	*	*	28	9
	M	O			HOSE ASSEMBLY: air outlet (25980) 204-598			1				46	8
					MANUFACTURE FROM:								
	X2	O		4730-555-3120	ADAPTER			2	*	*	*		
	P	O		4720-289-9625	HOSE: rubber (24 in. required)	FT			See Group	9501	See Group 9501		
	M	O			HOSE ASSEMBLY: air outlet (25980) 204-600			1				46	23
					MANUFACTURE FROM:								
	X2	O		4730-555-3120	ADAPTER			2	*	*	*		
	P	O		4720-289-9625	HOSE: rubber (30 in. required)	FT			See Group	9501	See Group 9501		
	X2	O		4930-533-3051	MANIFOLD: air line (25900) 161-960			1	*	*	*	46	17
	X2	O		4730-192-9472	NIPPLE			1	*	*	*	47	7
	X2	O		4730-278-4086	NIPPLE (GE) (97167) 511761			1	*	*	*		
	M	O			NIPPLE: air line (25900) 101-398			2				48	10
					MANUFACTURE FROM:								
	P	O		4710-162-1000	PIPE: steel (GE) (12 in. required for each NIPPLE)	FT			See Group	9501	See Group 9501		
	X2	O		4730-192-9450	NIPPLE: air tank drain line (GE) (25980) 100-121			2	*	*	*	46	5
	X2	O		4310-300-4369	NIPPLE: choke control (97167) AC10782			1	*	*	*		
	X2	O		4730-192-9507	NIPPLE: pressure gage (GE) (25980) 100-804			1	*	*	*	47	5
	X2	O		4730-192-9452	NIPPLE: pressure regulator (GE) (25980) 100-122			3	*	*	*	48	6
	X2	O		4730-196-1954	NIPPLE: unloader valve (GE) (97167) 50349			1	*	*	*	43	23
	X2	O		4730-265-6905	NIPPLE: valve to elbow (25980) 100-969			1	*	*	*	46	19
9	X2	O		5310-266-0385	NUT: "U" bolt (25900) 100-015			4	*	*	*	48	8
	P	O		4930-297-4956	PACKING (25980) 154-741			1	See Group	9901	See Group 9901	47	17
	P1	O		4930-533-3045	PISTON: auxiliary air release valve (25980) 162-516			1	*	*	25	47	16
	X2	O		4730-278-3403	PLUG: pressure regulator (GE) (259B0) 100-721			3	*	*	*	48	5
	P1	O		4930-533-3046	SPRING (25980) 162-490			1	*	*	10	47	9
	X2	O		4730-496-7505	TEE (25980) 101-760			2	*	*	*	47	10
	X2	O		4730-265-9707	TEE: air vent tube (GE) (259B0) 101-809			2	*	*	*	48	11

INDEX TO PARTS, FIGURE 48

Reference Number	Functional Group	Item Name
1	5015	ELBOW
2	5015	ADAPTER
3	5015	HOSE AY
4	4705	REGULATOR
5	5015	PLUG
6	5015	NIPPLE
7	5015	ELBOW
8	5015	NUT
9	5015	WASHER
10	5015	NIPPLE
11	5015	TEE
12	5015	TUBE



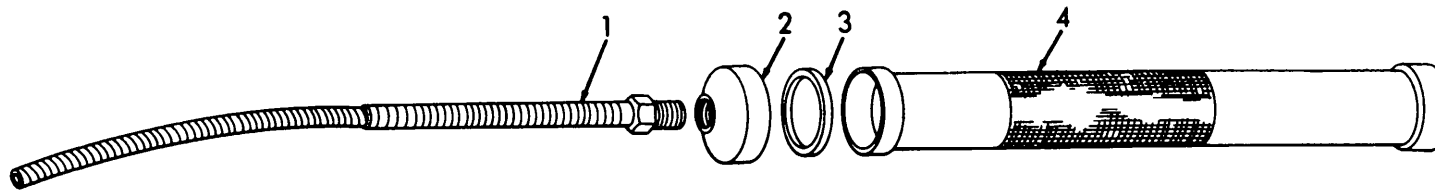
INDEX TO PARTS, FIGURE 48 (cont)

Reference Number	Functional Group	Item Name
13	2207	DISPENSER
14	5015	HOSE AY
15	5015	BOLT
16	4702	GAGE

MSC 4930-202-35P/48

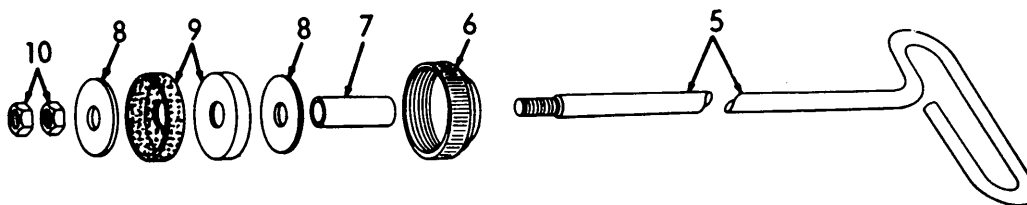
Figure 48. Pressure Regulator, Gage, Lines, and Fittings.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
	M	O			5015 - AIR DISCHARGE SYSTEM (cont) TUBE: air (25900) 161-835			1				45	1
	P	O		4710-277-5525	MANUFACTURE FROM: TUBE: copper (34 in. required)	FT			See Group	9501	See Group 9501		
	M	O			TUBE: air release valve (25980) 161-837			1				47	13
	P	O		4710-277-5525	MANUFACTURE FROM: TUBE: copper (8 in. required)	FT			See Group	9501	See Group 9501		
10	X2	O		4930-799-5762	TUBE: air vent (25980) 162-565			1	*	*	*	48	12
	M	O			TUBE: copper (97167) 702057			1				47	12
	P	O		4710-277-5525	MANUFACTURE FROM: TUBE: copper (12 in. required)	FT			See Group	9501	See Group 9501		
	P	O			TUBE: copper. air line (25980) 161-836			1				47	1
	P	O		4710-277-5525	MANUFACTURE FROM: TUBE: copper (12 in. required)	FT			See Group	9501	See Group 9501		
	M	O			TUBE: copper, bleeder line (97167) 702057			1				47	11
	P	O		4710-277-5525	MANUFACTURE FROM: TUBE: copper (8 in. required)	FT			See Group	9501	See Group 9501		
	X2	O		4820-262-7393	VALVE: globe (GE) (25900) 101-795			1	*	*	10	46	18
	X2	O		4820-262-7396	VALVE: globe (25980) 100-120			1	*	*	10	46	7
9	X2	O		5310-042-4229	WASHER: drain cock			1	*	*	*	46	10
9	X2	O		5310-187-5347	WASHER: drain cock			1	*	*	*	46	11
	X2	O		5310-017-4916	WASHER: "U" bolt (25980) 101-437			4	*	*	*	48	9
					GROUP 72 - SERVICING EQUIPMENT								
					7201 - LUBRICATING EQUIPMENT								
	X2	O		5306-831-3944	BOLT, SHOULDERED: cover mtg, 5/16-18 thd size; 2-5/16 in. lg (25980) 160-753			3	*	*	*	23	11
	X2	O			COVER ASSEMBLY: tank, oil (25980) 203-994			3	*	*	*	23	1
9	X2	O		5306-577-5459	BOLT (25980) 101-036			3	*	*	*	23	2
	X2	O			COVER: lubricant tank (25980) 160-758			3	*	*	*	23	10
	X2	O			HANDLE: cover (25980) 160-759			3	*	*	*	23	3
	X2	O			LOCK: tank cover (25980) 203-993			3	*	*	*		
	X2	O		5310-266-0386	NUT (25980) 100-188			3	*	*	*	23	5
	P	O		5330-825-1964	RUBBER STRIP (25980) 70-165-30			3	13	.	300	23	9
	X2	O			SPACER: cover (25980) 160-761			3	*	*	*	23	12
	X2	O			STRAP (25900) 160-762			3	*	*	*	23	7
	X2	O		5310-010-3320	WASHER (25980) 100-214			3	*	*	*	23	4
	X2	O		5310-830-7821	WASHER (25900) 160-766			3	*	*	*	23	6
	X2	O		4930-774-6278	GREASE GUN: hand (25980) 226-051			1	*	*	*		
10	X2	O		4930-377-9031	ADAPTER: quick change nozzle (25980) 202-889			1	*	*	*		
	X2	O		4730-050-4208	FITTING (25980) 100-054			1	*	*	*		



INDEX TO PARTS, FIGURE 49

Reference Number	Functional Group	Item Name
1	7201	HOSE
2	7201	CAP
3	7201	GASKET
4	7201	CYLINDER
5	7201	ROD
6	7201	CAP
7	7201	STOP
8	7201	WASHER
9	7201	CUP
10	7201	NUT

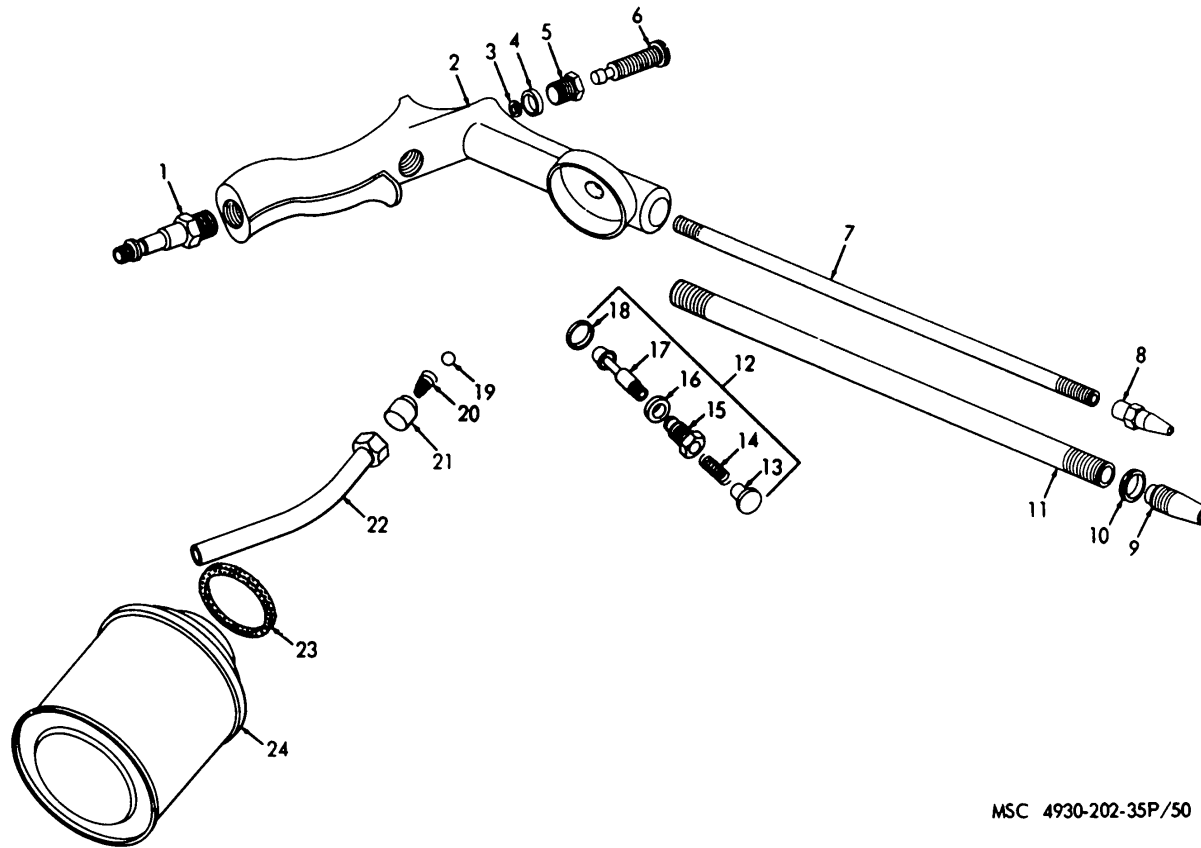


EMC 5-4930-202-12P/28

Figure 49. Hand Grease Gun.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.	
									3RD ECH	4TH ECH	5TH ECH			
									100 EQUIPMENTS					
					7201 - LUBRICATING EQUIPMENT (cont)									
					HEAD ASSEMBLY (25980) 202-632			1	*	*	*			
9	X2	O		3110-100-6155	BALL: bearing (25900) 100-170			1	See Group	9901	See Group 9901			
	P1	O		4930-795-0412	BUSHING: link (25980) 157-750			1	*	*	10			
	X2	O			HANDLE: grease gun (25980) 157-749			1	*	*	*			
	X2	O			HEAD: lubricating gun cylinder (25900) 158-022			1	*	*	*			
10	X2	O		4930-789-0712	LINK: lever (25900) 157-751			2	*	*	*			
10	X2	O		4930-374-7889	PISTON: gun head (25980) 150-972			1	*	*	*			
	X2	O		4730-792-3480	PLUG (25900) 157-753			1	*	*	*			
	X2	O			RIVET: solid, 3/32 in. dia (25900) 101-246			1	*	*	*			
	X2	O			RIVET: solid, 0.253 in. dia (25900) 101-247			2	*	*	*			
10	P1	O		4930-305-9798	SPRING (25900) 150-971			1	*	*	10			

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
					7201 - LUBRICATING EQUIPMENT (cont)								
	X2	O		5330-291-4650	WASHER: gun head (25980) 157-429			1	*	*	*		
	X2			5310-205-9873	WASHER: plug (25980) 150-111			1	*	*	*		
	X2	O			TUBE ASSEMBLY: gun handle (25900) 202-514			1	*	*	*		
10	X1				CAP: tube (25980) 157-663			1					
	P	O		4930-374-7909	CUP (25980) 202-366			1	4	*	100		
9	X1				HANDLE: grease gun pull rod (25980) 157-661			1					
	X2	O		5315-050-5484	PIN (25900) 101-195			1	*	*	*		
	X1				R00: oil pump plunger (25980) 157-660			1					
10	X1				TUBE: lubrication (25900) 157-662			1					
	X2	O		4930-785-8083	GREASE GIN: hand (25980) 203-329			1	*	*	*	49	
	X1				CAP: cylinder, lower (25900) 150-940			1				49	2
	X				CAP: cylinder, upper (25900) 159-342			1				49	6
10	P	O		4930-691-8161	CUP.: compression (25980) 159-347			2	8	*	200	49	9
	X1				CYLINDER: grease gun (25900) 159-442			1				49	4
	P	O		5330-256-6993	GASKET (25980) 150-935			1	4	*	100	49	3
9	X2	O		5310-619-3556	NUT (25980) 100-070			2	*	*	*	49	10
	X1				ROD: plunger (25980) 159-441			1				49	5
	X1				STOP: piston (25980) 159-363			1				49	7
10	X2	O		5310-810-7081	WASHER (25980) 159-346			2	*	*	*	49	8
	X2	O		4930-572-2280	HOSE: metal (25900) 150-160			1	*	*	*	49	1
9	X2	O		5310-012-0376	NIT: cover mtg (25980) 100-077			3	*	*	*	23	5
	X2	O			OIL GUN: pneumatic, w/fittings (25980) 204-486			1	*	*	*	49	
10	X1			4930-T90-4609	CONTAINER: oil spray gun (25900) 158-162			1				50	24
10	X2	O		4930-430-4153	OIL GUN: pneumatic (25900) 225-053			1	*	*	*	50	
9	P1	O		3110-100-6151	BALL: bearing			1	See Group	9901	See Group 9901	50	19
	X1				BODY: air control valve (89463) 5100			1				50	2
10	X2	O		4930-793-9521	BODY: check valve (89463) 5106			1	*	*	*	50	21
	P1	O		4930-654-3557	COUPLING: air line (25980) 161-291			1	*	*	3	50	1
	X2	O		4930-795-0411	CYLINDER (25900) 158-146			1	*	*	*	50	11
	P1	O		4930-374-7633	NOZZLE: air spray (25900) 158-143			1	*	*	8	50	8
	P1	O		4930-374-7632	NOZZLE: oil spray (25900) 158-142			1	*	*	8	50	9
	X2	O			NUT: barrel (25900) 158-144			1	*	*	*	50	10
	P	O		5330-640-9100	PACKING (25900) 158-153			1	4	*	100	50	3
	X2	O		4930-533-3050	RETAINER (25900) 158-151			1	*	*	*	50	5
10	X2	O		4930-374-7637	SLEEVE (25980) 158-152			1	*	*	*	50	4
	P1	O		5340-200-7115	SPRING, HELICAL COMPRESSION (25900) 158-149			1	*	*	10	50	20
	P1	O		4930-024-2611	STEM, CONTROL VALVE:								
					air control valve (25900) 158-150			1	*	*	8	50	6
10	X2	O		4930-374-7634	TUBE: air nozzle (25980) 158-145			1	*	*	*	50	7
10	X2	O		4930-793-9520	TUBE: siphon (89463) 5120			1	*	*	*	50	22
10	P1	O		4930-630-9827	VALVE: air (25980) 202-699			1	*	*	8	50	12
10	X1			4930-024-2613	BODY: valve (25900) 158-157			1				50	15



MSC 4930-202-35P/50

INDEX TO PARTS, FIGURE 50

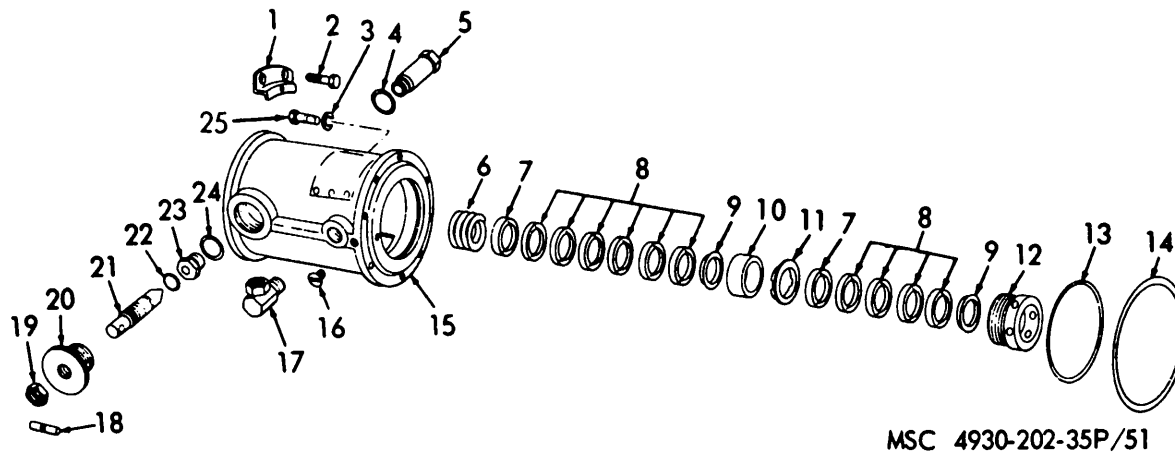
Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	7201	COUPLING	7	7201	TUBE	13	7201	BUTTON	19	7201	BALL
2	7201	BODY	8	7201	NOZZLE	14	7201	SPRING	20	7201	SPRING
3	7201	PACKING	9	7201	NOZZLE	15	7201	BODY	21	7201	BODY
4	7201	SLEEVE	10	7201	NUT	16	7201	GASKET	22	7201	TUBE
5	7201	RETAINER	11	7201	CYLINDER	17	7201	STEM	23	7201	WASHER
6	7201	STEM	12	7201	VALVE	18	7201	WASHER	24	7201	CONTAINER

Figure 50. Pneumatic Oil Gun.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
					7201 - LUBRICATING EQUIPMENT (cont)								
10	X1			4930-332-5774	BUTTON: valve (25980) 158-159			1				50	13
	P	O		4930-604-3788	GASKET (25980) 156-156			1	4	*	100	50	16
	P1	O		5340-200-7019	SPRING (25980) 158-158			1	*	*	10	50	14
	P1	O		4930-024-2612	STEM: air valve (25980) 158-155			1	*	*	8	50	17
	P	O		5330-283-0740	WASHER (25980) 158-154			1	4	*	100	50	18
	P	O		5330-283-0741	WASHER (25980) 158-161			1	4	*	100	50	23
10	X2	O		4930-204-2072	OILER: hand (25980) 150-150			1	*	*	*		
	X2	O		4730-021-9308	PLUG: reservoir drain plug			3	*	*	*	23	24
9	X2	O		5310-187-5344	WASHER: cover mtg (25980) 100-186			3	*	*	*	23	8
					7202 - PUMPS AND METERS								
	X2	O		4930-785-8089	CLAMP: pump mtg (25980) 204-816			6	*	*	*		
10	P	O		4930-765-1995	GASKET: pump mtg (25980) 162-550			3	13	*	300		
10	X2	O		4930-785-5091	METER: lubricant (25980) 158-690			1	*	*	3	57	1
10	X2	O		4930-785-8091	METER: lubricant (25980) 154-785			1	*	*	*	57	4
	X2	O		5305-733-2265	SCREW, ASSEMBLED WASHER: pump mtg (25980) 101-793			12	*	*	*	51	2
	X2	O		5305-017-5200	SCREW			12	*	*	*		
	X2	O		5310-013-8485	WASHER			12	*	*	*		
	X2	O		4930-798-8946	PUMP: lubricant, transfer (25980) 204-754			1	*	*	3	56	
	P1	F		4730-831-3681	ADAPTER (25980) 161-830			1	*	*	3	56	17
	X2	F			BASE: pump (25980) 157-635			1	*	*	*	56	18
	X2	F		4930-831-3973	CAP: pump (25980) 157-631			1	*	*	*	56	16
	P1	F		4930-654-3557	COUPLING: air line (25980) 161-291			1	*	*	8	56	5
	X2	F			CYLINDER: air (25980) 157-632			1	*	*	*	56	13
	X2	O		4730-050-4208	FITTING (25980) 100-054			1	*	*	*	56	25
	P	F		5330-541-2687	GASKET (25900) 158-109			1	4	*	100	56	10
	P	F		5330-587-0315	GASKET (25980) 154-666			1	4	*	100	56	14
	X2	F		4730-196-2055	NIPPLE (GE) (25980) 100-879			1	*	*	*	56	7
	X2	F		5310-266-0433	NUT (25980) 100-111			2	*	*	*	56	3
10	P	F		4930-587-0319	PACKING (25980) 157-637			3	13	*	300	56	20
10	P	F		4930-691-8144	PACKING (25980) 156-698			1	4	*	100	56	8
	P	F		5330-194-3711	PACKING (25980) 156-641			1	See Group	9901	See Group 9901	56	24
	P1	F		4930-630-9826	PISTON ASSEMBLY: air cylinder (25980) 202-511			1	*	*	8	56	12
	X2	F		4930-212-5847	PISTON ASSEMBLY: oil (25980) 202-590			1	*	*	*	56	27
	X2	F			BODY: valve, piston (25980) 157-942			1	*	*	*	56	32
10	P	F		4930-616-5739	CUP (25980) 150-179			1	4	*	100	56	31
	X2	F			HOUSING: air valve (25980) 157-944			1	*	*	*	56	28
	X2	F			VALVE: piston (25980) 157-943			1	*	*	5	56	29
	X2	F			WASHER: flat (25980) 156-323			1	*	*	*	56	30
	X2	F		4930-795-0395	RETAINER: female (25980) 157-636			1	*	*	*	56	19

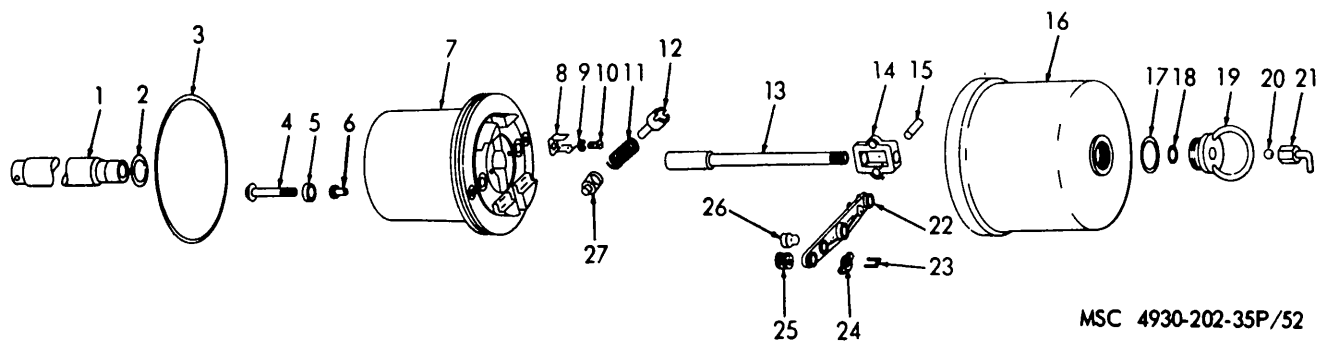
INDEX TO PARTS, FIGURE 51
INDEX TO PARTS, FIGURE 51

Reference Number	Functional Group	Item Name
1	7202	CLAMP
2	7202	SCREW
3	7202	WASHER
4	7202	WASHER
5	7202	ADAPTER
6	7202	SPRING
7	7202	RETAINER
8	7202	PACKING
9	7202	RETAINER
10	7202	BEARING
11	7202	WASHER
12	7202	PACKING NUT
13	7202	PACKING
14	7202	PACKING
15	7202	BASE
16	7202	OILER
17	7202	ELBOW
18	7202	HANDLE
19	7202	NUT
20	7202	NUT
21	7202	STEM
22	7202	PACKING
23	7202	SEAT
24	7202	WASHER
25	7202	BOLT



MSC 4930-202-35P/51

Figure 51. High Pressure Air Motor.



MSC 4930-202-35P/52

Figure 52. Power Head.

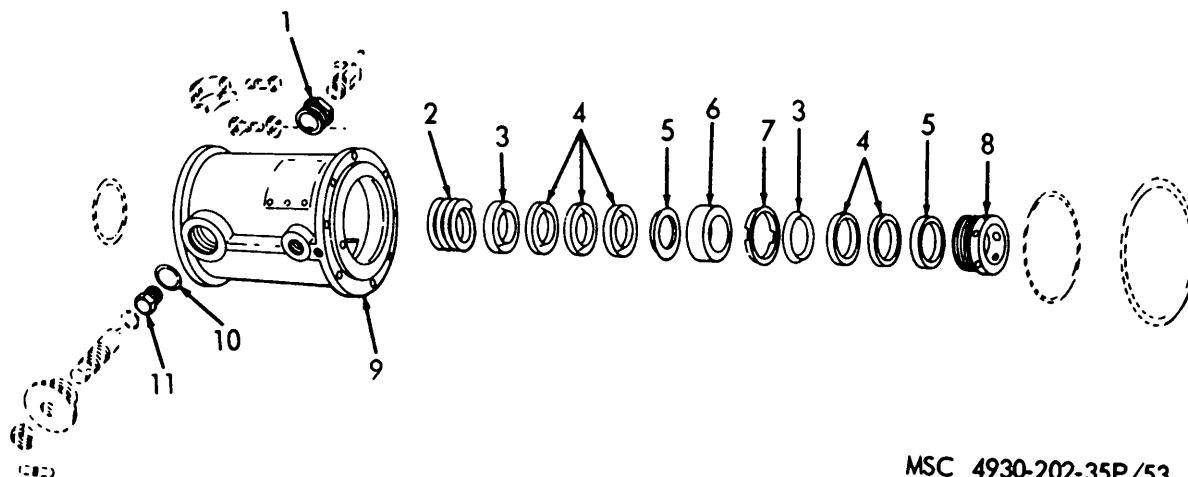
INDEX TO PARTS, FIGURE 52

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	7202	CONNECTING ROD	7	7202	PISTON	14	7202	TOGGLE	21	7202	BLEEDER VALVE
1	7202	ROD-PISTON CONCING	8	7202	CLIP	15	7202	PIN	22	7202	BAR
2	7202	WASHER	9	7202	WASHER	16	7202	CYLINDER	23	7202	WIRE
3	7202	PACKING	10	7202	SCREW	17	7202	PACKING	24	7202	BUSHING
4	7202	STEM AND VALVE	11	7202	SPRING	18	7202	PACKING	25	7202	GROMMET
5	7202	VALVE	12	7202	ARM	19	7202	NUT	26	7202	VALVE
6	7202	SEAT AND VALVE	13	7202	ROD	20	7202	BALL	27	7202	ROCKER

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
					7202 - PUMPS AND METERS (cont)				100 EQUIPMENTS				
	X2	F		4930-795-0405	RETAINER: male (25960) 157-638			1	*	*	*	56	21
	X2	F		4930-795-0374	RETAINER: seat, spring (25980) 157-39			1	*	*	*	56	23
	X2	F		5306-785-5078	ROD (25980) 160-755			1	*	*	*	56	26
	X2	F		4930-786-3858	ROD: piston (25980) 202-512			1	*	*	*	56	4
9	X2	O		5305-011-3231	SCREW: drive (25980) 100-055			2	See Group	2210	See Group 2210		
	P1	F		4930-783-9245	SPRING (25980) 157-633			1	*	*	10	56	9
10	P1	F		4930-795-0373	SPRING (25980) 157430			1	*	*	10	56	15
	P1	F		4930-795-0375	SPRING (25980) 157-640			1	*	*	10	56	22
	X2	F		4710-447-1951	TUBE: riser (25980) 160-756			1	*	*	*	56	2
	X2	F		4820-785-131	VALVE: foot (25980) 202-510			1	*	*	5	56	1
	X2	F		4820-262-7396	VALVE: globe (25980) 100-120			1	*	*	3	56	6
	X2	F		5310-789-0671	WASHER (25960) 157-872			1	*	*	*	56	11
9	X2	O		4930-533-3038	PUMP ASSEMBLY: lubricator (25960) 204-810			1	*	*	3		
	P1	F		3110-108-2728	BALL (25980) 101-178 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	20	54	18
9	P1	F		3110-100-6155	BALL: bearing (25960) 100-170 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			2	See Group	9901	See Group 9901	55	17
9	P1	F		3110-151-9153	BALL: bearing (25980) 100-279 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	20	54	13
10	P1	F		4930-630-9820	BEARING (25980) 162-560 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	10	55	7
	X2	F		4820-533-3087	BODY: foot valve (25980) 162-579 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	*	54	16
	X2	F		4930-523-3042	BODY: piston (25980) 162-558 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038, only)			1	*	*	*	55	23
	X2	F		493-795-0410	BODY: piston (25980) 157-184 (Used on PUMP ASSEMBLY Stock No. 4930-431-1249 only)			2	*	*	*	54	7
	P1	F		4936-533-3043	COUPLING: piston (25980) 162-555 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	8	55	16
	X2	F		4930-831-3976	CYLINDER PRIMING PISTON (25980) 162-563 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	1
	X2	F		4930-830-7834	HEAD ASSEMBLY: power (25980) 204-809 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038, only) (Same as PO 1R HEAD Stock No. 4930-830-7835, except where individual components are annotated)			1	*	*	3	51	
	X2	F		4930-533-3041	HOUSING: packing (25980) 162-561 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	3
	X2	F		4730-830-5356	NIPPLE (25980) 101-742 (Used on PUMP ASSEMBLY Stock No. 4930G-31-1249 only)			2	*	*	*	53	1
9	X2	F		5310-266-0433	NUT (25980) 100-111			3	*	*	*	54	6

INDEX TO PARTS, FIGURE 53

Reference Number	Functional Group	Item Name
1	7202	NIPPLE
2	7202	SPRING
3	7202	RETAINER
4	7202	PACKING
5	7202	RETAINER
6	7202	BEARING
7	7202	RETAINER
8	7202	PACKING NUT
9	7202	BASE
10	7202	WASHER
11	7202	SEAT

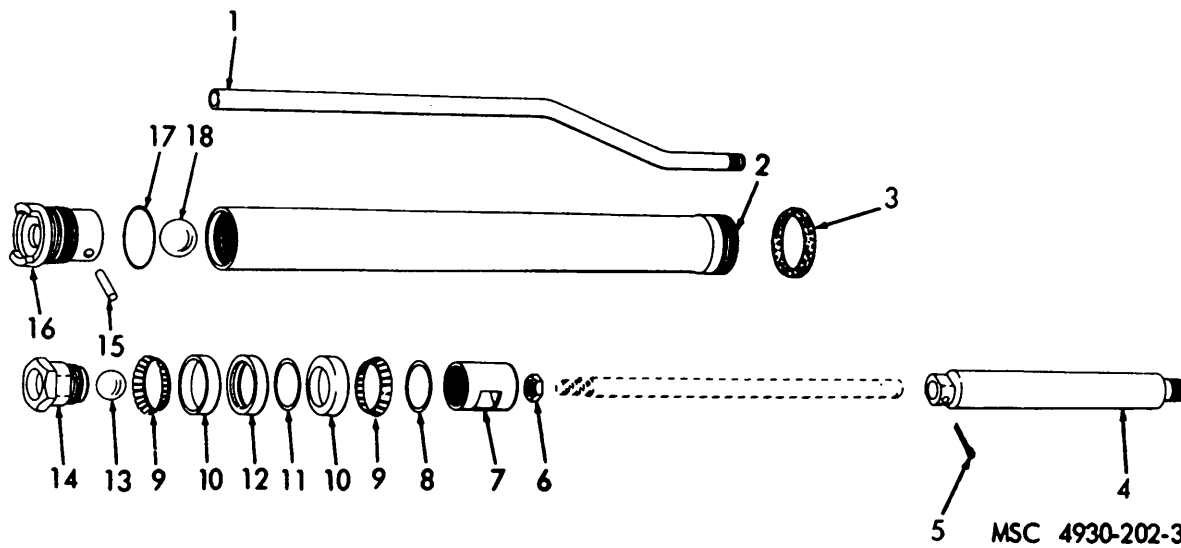


MSC 4930-202-35P/53

Figure 53. Low Pressure Air Motor.

INDEX TO PARTS, FIGURE 54

Reference Number	Functional Group	Item Name
1	7202	TUBE
2	7202	TUBE
3	7202	PACKING
4	7202	ROD
5	7202	PIN
6	7202	NUT
7	7202	BODY
8	7202	WASHER
9	7202	WASHER
10	7202	PACKING
11	7202	PACKING
12	7202	SPACER
13	7202	BALL
14	7202	SEAT
15	7202	PIN
16	7202	BODY
17	7202	WASHER
18	7202	BALL



MSC 4930-202-35P/54

Figure 54. Low Pressure Pump.

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
10	P	F		4930-691-8157	7202 - PUPS AND METERS (cont) PACKING (25980) 158-776 (Used on PUMP ASSEMBLY Stock No. 4930431-1249 only)			2	8	*	200	54	11
	P	F		5330-194-3711	PACKING (25980) 158-641 (Used on PUMP ASSEMBLY Stock No. 4930-31-1249 only)			2	See Group	9901	See Group 9901	54	3
	P	F		5330-585-9232	PACKING (25980) 162-557 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			5	21	*	500	55	21
	P	F		5330-585-9235	PACKING (25980) 162-566 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			5	21	*	500	55	5
	P	F		4930-619-0489	PACKING: compression cup (25980) 162-583 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			4	17	a	400	54	10
	X2	F		5315-013-7185	PIN (25980) 100-579 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	13
9	X2	F		5315-013-7204	PIN (25980) 100-103			2	*	*	*	54	5
	X2	F		5315-533-3019	PIN (25980) 101-579 (Used on PUMP ASSEMBLY, Stock No. 4930-533-3038 only)			3	*	*	*	55	15
	X2	F		5315-899-2864	PIN: ball (25980) 162-580 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	*	54	15
	P1	F		4930-533-3040	PISTON: priming (25980) 162-562 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	8	55	2
	X2	O			PLATE: pump serial no. (25900) 160-637			3	See Group	2210	See Group 2210	55	9
	X2	F		4930-830-7835	PLATE ASSEMBLY (25980) 205-021 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	9
	X2	F		4930-830-7835	POWER HEAD (25980) 205-023 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	6	53	
	X2	F		4930-795-0377	ADAPTER: pump outlet (25980) 158-409 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			1	*	*	*	51	5
10	P	F		4930-765-2001	ARM: toggle (25980) 160-623			6	3	*	60	52	12
9	P	F		3110-100-6149	BALL: bearing (25980) 100-172			3	See Group	9901 See	Group 9901	52	20
10	P1	F		4930-630-9822	BAR: valve (25980) 158-359			3	*	*	15	52	22
	X2	F			BASE: pump (25980) 162-038 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			1	*	*	*	51	15
	X2	F			BASE: pump (25980) 162-577 (Used on POWER HEAD Stock No. 4930-830-7835 only)			2	*	*	*	53	9
	P1	F		4930-533-3037	BEARING (25980) 162-576 (Used on POWER HEAD Stock No. 4930-387835, only)			2	*	*	20	53	6
	P1	F		4930-785-5083	BEARING (25980) 159-048 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			1	*	*	20	51	10
10	X2	F			BLEEDER VALVE: air (25980) 205-031			3	*	*	6	52	21
	X2	F		5306-577-5458	BOLT (25980) 100-450			24	*	*	*	51	25

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND- ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.	
									3RD ECH	4TH ECH	5TH ECH			
									100 EQUIPMENTS					
10	X2 P X2	F F F		4730-630-9818 5340-616-5740 4930-533-3044	BUSHING: valve (25960) 160-261 CLIP: spring tension (25980) 158-361 CONNECTING ROD (25960) 162-553 (Used on POWER HEAD Stock No. 4930-830-7834 only)			12 6 1	*	*	*	52 52 52	24 8 1	
10	X2 X2 P X2 X2 X2 X2 X2 P P P	F F F F F F F F F F F		4730-580-7468 5325-378-3941 4930-795-0409 5310-266-0433 4930-793-9519 4930-533-3048 3655-796-0968 4930-297-4956 4930-551-9116 4930-766-4753	CYLINDER, AIR (25980) 162-041 ELBOW (25900) 155-494 GROMMET: valve, lower (25980) 158-367 HANDLE: valve stem (25960) 157-131 NUT (25960) 100-111 NUT: cylinder cap (25980) 158-357 NUT: valve (25960) 162-040 OILER: air motor (24123) AA468 PACKING (25980) 154-741 PACKING (25980) 155685 PACKING (25900) 159-308 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			3 3 6 3 3 3 3 3 3 3 10	*	*	*	52 51 52 52 51 51 51 52 51 51	16 17 25 18 19 19 20 16 18 22 8	
10	P P P P	F F F F		5330-197-9576 5330-291-7292 5330-515-4123 5330-551-8252	PACKING (25980) 158-379 PACKING (25980) 158-377 PACKING (25980) 158-378 PACKING (25980) 162-586 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			3 3 3 1	13 13 13 4	*	*	300 300 300 100	51 52 51 52	14 3 13 17
10	P	F		5330-585-9236	PACKING: air motor throat (25980) 162-574 (Used on POWER HEAD Stock No. 4930-830-7835, only)			10	42	*	1000	53	4	
10	X2	F		4730-785-3468	PACKING NUT (25980) 159-047 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			1	*	*	*	51	12	
10	X2	F		4730-785-3469	PACKING NUT (25980) 159-046 (Used on POWER HEAD Stock No. 4930-830-7835 only)			2	*	*	*	53	8	
10	X2	F		4930-653-1723	PIN: toggle (25980) 158-362			6	*	*	*	52	15	
10	P1	F		4930-765-2002	PISTON: pump (25960) 160-894			3	*	*	24	52	7	
10	X2	F		4930-541-2706	RETAINER: packing (25980) 162-573 (Used on POWER HEAD Stock No. 4930-831-7835, only)			4	*	*	*	53	5	
10	X2	F		4930-541-2709	RETAINER: packing (25980) 162-575 (Used on POWER HEAD Stock No. 4930-830-7835, only)			4	*	*	*	53	3	
10	X2	F		4930-682-4732	RETAINER: packing (25960) 159-307 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			2	*	*	*	51	9	
10	X2	F		4930-785-807	RETAINER: packing (25960) 158-695 (Used on POWER HEAD Stock No. 493L30-7835 only)			2	*	*	*	53	7	
10	X2	F		4930-682-4749	RETAINER: packing, rile (25980) 159-306 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			2	*	*	*	51	7	
10	P	F		4930-765-1999	ROCKER: toggle (25980) 158-364			6	2	*	40	52	27	
10	X2	F		4930-630-9806	ROD: trip, air cylinder (25960) 205-020			3	*	*	*	52	13	
10	P1	F		4930-785-8090	ROD AND PISTON: connecting (25980) 162-572 (Used on POWER HEAD Stock No. 4930-83-1835, only)			2	*	*	6	52	1	
9	X2	F		5305-013-2688	SCREW (25980) 100-205			6	*	*	*	52	10	
9	X2	F		5305-017-1342	SCREW (25980) 100-884			18	See Group	2210	See Group 2210			

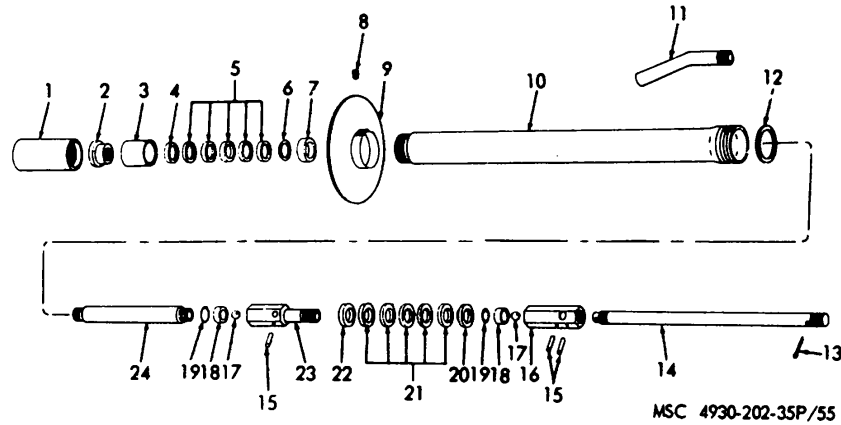


Figure 55. High Pressure Pump.

INDEX TO PARTS, FIGURE 55

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	7202	CYLINDER	9	7202	PLATE AY	17	7202	BALL
2	7202	PISTON	10	7202	TUBE	18	7202	SEAT
3	7202	HOUSING	11	7202	TUBE	19	7202	WASHER
4	7202	RETAINER	12	7202	WASHER	20	7202	RETAINER
5	7202	PACKING	13	7202	PIN	21	7202	PACKING
6	7202	RETAINER	14	7202	ROD	22	7202	RETAINER
7	7202	BEARING	15	7202	PIN	23	7202	RETAINER
8	7202	SETSCREW	16	7202	COUPLING	24	7202	BODY

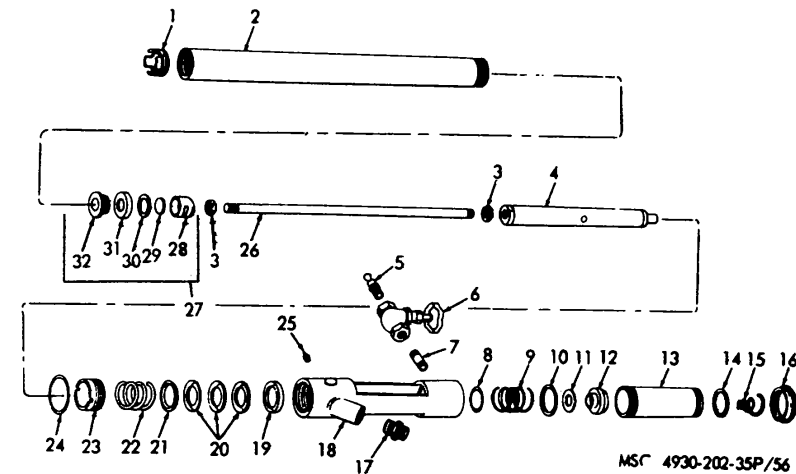


Figure 56. Transfer Pump.

INDEX TO PARTS, FIGURE 56

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	7202	VALVE	12	7202	PISTON AY	23	7202	RETAINER
2	7202	TUBE	13	7202	CYLINDER	24	7202	PACKING
3	7202	NUT	14	7202	GASKET	25	7202	FITTING
4	7202	ROD	15	7202	SPRING	26	7202	ROD
5	7202	COUPLING	16	7202	CAP	27	7202	PISTON AY
6	7202	VALVE	17	7202	ADAPTER	28	7202	HOUSING
7	7202	NIPPLE	18	7202	BASE	29	7202	VALVE
8	7202	PACKING	19	7202	RETAINER	30	7202	WASHER
9	7202	SPRING	20	7202	PACKING	31	7202	CUP
10	7202	GASKET	21	7202	RETAINER	32	7202	BODY
11	7202	WASHER	22	7202	SPRING			

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND. ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
		P1	F	4930-533-3049	7202 - PUMPS AND METERS (cont) SEAT: valve (25900) 162-039 (Used on HEAD ASSEMBLY Stock No. 4930D830-7834 only)			1	*	*	10	51	23
10		X2	F	4930-785-8070	SEAT: valve (25980) 159-482 (Used on POWER HEAD Stock No. 4930-830-7835 only)			2	*	*	*	53	11
10		P	F	4930-705-8064	SEAT AND VALVE (25980) 160-897			6	2	*	60	52	6
10		P1	F	4930-765-2003	SPRING (25980) 158-388 (Used on Stock No. 4930-830-7835 only)			2	*	*	20	53	2
		P1	F	4930-795-0378	SPRING (25980) 158-428 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			1	*	*	10	51	6
		P	F	5340-691-0822	SPRING (25980) 158-365			6	2	*	60	52	11
10		P1	F	4930-795-0407	STEM: valve (25980) 162-012			2	*	*	*	51	21
10		P	F	4930-785-8085	STEM AND VALVE (25980) 160-896			6	2	*	60	52	4
10		P	F	4930-630-9823	TOGGLE: shuttle (25980) 158-360			3	1	*	30	52	14
10		P	F	4930-630-4452	VALVE: air intake. lower (25980) 160-895			6	2	*	60	52	5
10		P	F	4930-507-0326	VALVE: exhaust, upper (25980) 160-620			6	2	*	60	52	26
		X2	F	5310-010-3320	WASHER (25980) 100-214			24	*	*	*	51	3
		X2	F	5310-010-6495	WASHER (25980) 100-068			6	*	*	*	52	9
		X2	F	5310-141-1582	WASHER (25980) 150-461 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			1	*	*	*	51	4
		P	F	5310-541-2684	WASHER (25980) 150-647			3	13	*	100	52	2
		X2	F		WASHER: thrust (25980) 158-697 (Used on HEAD ASSEMBLY Stock No. 4930-830-7834 only)			1	*	*	*	51	11
		P	F	5310-715-9324	WASHER, FLAT (25980) 150-60 (Used on READ ASSEMBLY Stock No. 4930-830-7834 only)			1	4	*	100	51	24
		P	F	5310-715-9328	WASHER, FLAT (25980) 159-890 (Used on POWER HEAD Stock No. 4930-830-7835 only)			2	8	*	200	53	10
10		X2	F	8135-653-2469	WIRE: tie, seal (25980) 160-618			6	*	*	*	52	23
10		X2	F	4930-541-2708	RETAINER: male, tube (25980) 162-602 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	6
10		X2	F	4930-541-2707	RETAINER: packing (25980) 162-556 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	20
10		X2	F	4930-541-2710	RETAINER: packing (25980) 162-603 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	SS	4
10		X2	F	4930-541-2711	RETAINER: packing (25980) 162-568 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	22

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
					7202 - PUMPS AND METERS (cont)				100 EQUIPMENTS				
	X2	F			ROD: connecting (25980) 158-859 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	*	54	4
	X2	F			ROD: connecting (25930) 162-042 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	14
9	X2	O		5305-017-1342	SCREW (25900) 100-864			18	See Group	2210	See Group 2210		
9	X2	O		5305-282-0997	SCREW (25980) 100-203			6	See Group	2210	See Group 2210		
	P1	F		4930-630-9821	SEAT: piston (25980) 162-581 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	20	54	14
10	P1	F		4930-630-9625	SEAT: valve (25960) 162-559 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			2	*	*	20	55	18
9	X2	F		5305-010-2707	SETSCREW (25980) 100-674 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038, only)			1	*	*	*	55	8
10	X2	F		4930-785-8081	SPACER: cup (25980) 162-584 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	*	54	12
	X2	F			TUBE: drain back (25980) 162-554 (Used on PUMP ASSEMBLY Stock No. 4930-31-1249 only)			2	*	*	*	54	1
	X2	F			TUBE: drain back (25960) 162-570 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	11
	X2	F		4930-533-3039	TUBE: priming (25980) 162-564 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	24
	X2	F			TUBE: riser (25980) 162-043 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			1	*	*	*	55	10
	X2	F		4930-830-7833	TUBE: riser (25980) 162-578 (Used on PUMP ASSEMBLY Stock No. 4930-631-1249 only)			2	*	*	*	54	2
	X2	F		5310-141-1744	WASHER (25900) 150-451 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038 only)			2	*	*	*	55	19
	X2	F		5310-541-2686	WASHER (25980) 158-266 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			2	*	*	*	54	17
	X2	F			WASHER: piston (25980) 162-585 (Used on PUMP ASSEMBLY Stock No. 4930-8631-1249 only)			2	*	*	*	54	8
10	X2	F		4930-785-8022	WASHER: spreader (25980) 162-582 (Used on PUMP ASSEMBLY Stock No. 4930-831-1249 only)			4	*	*	*	54	9
	P	F		5310-715-9327	WASHER, FLAT (25980) 158-429 (Used on PUMP ASSEMBLY Stock No. 4930-533-3038, only)			1	4	*	100	55	12
	X2	O		4930-831-1249	PUMP ASSEMBLY: lubricator (25980) 205-024 (Same as PUMP ASSEMBLY Stock No. 4930-533-3038, except where Individual components are annotated)			2	*	*	6		
	X2	O			7203 - VALVES; FITTINGS BOLT, U (25980) 161-T3			3	*	*	*	28	12

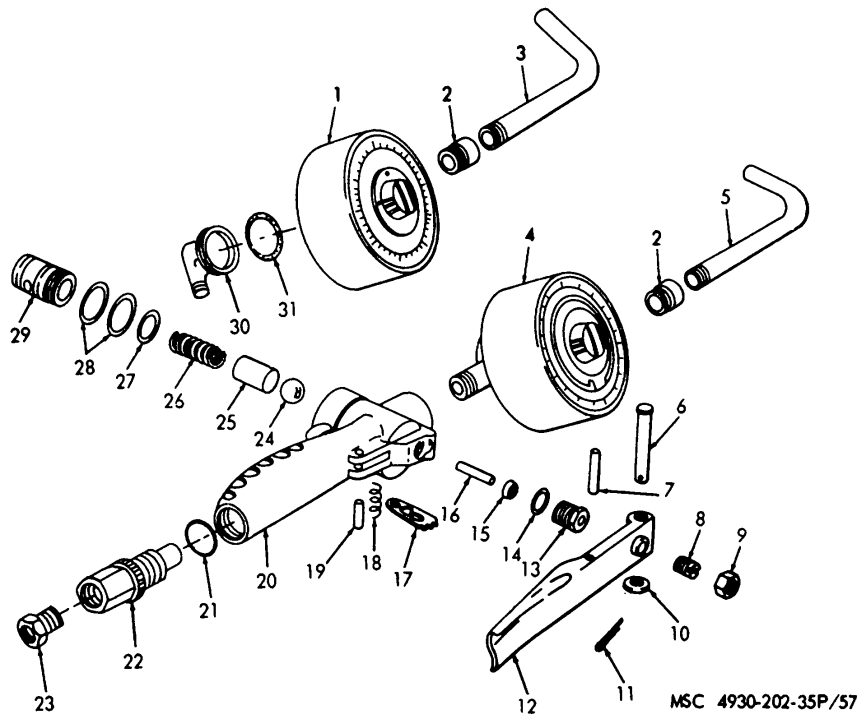
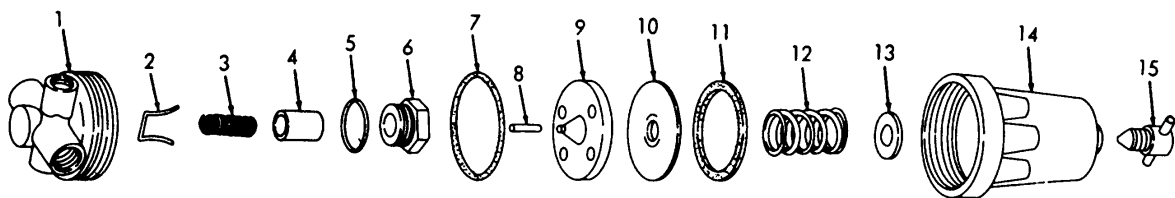


Figure 57. Low Pressure Control Valve.

INDEX TO PARTS, FIGURE 57

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	7202	METER	12	7203	HANDLE	22	7203	SWIVEL
2	7203	BUSHING	13	7203	BUSHING	23	7203	BUSHING
3	7203	NOZZLE	14	7203	WASHER	24	7203	BALL
4	7202	METER	15	7203	PACKING	25	7203	PISTON
5	7203	BENT PIPE	16	7203	PIN	26	7203	SPRING
6	7203	PIN	17	7203	LATCH	27	7203	PACKING
7	7203	PIN	18	7203	SPRING	28	7203	PACKING
8	7203	SETSCREW	19	7203	SPRING	29	7203	PLUG
9	7203	NUT	20	7203	BODY AND SEAT	30	7203	ELBOW
10	7203	SEAT	21	7203	PACKING	31	7203	PACKING
11	7203	PIN						

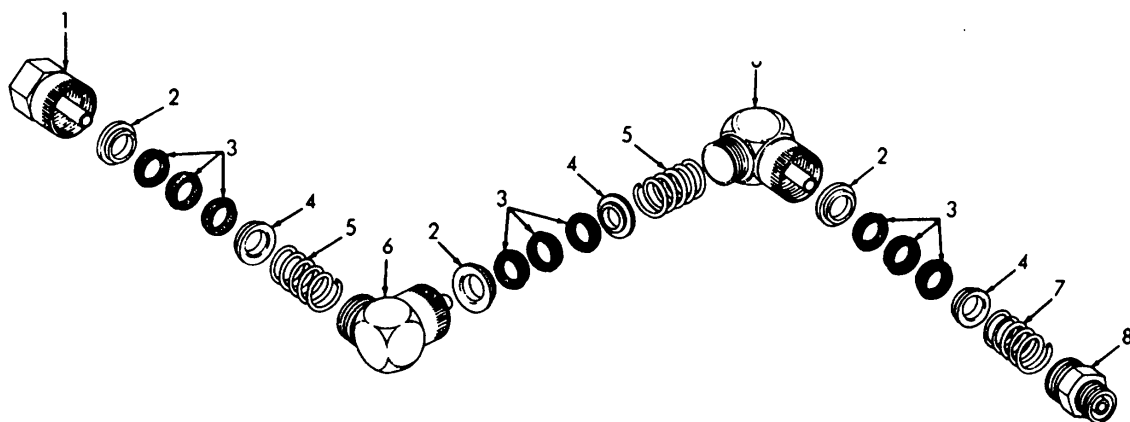


MSC 4930-202-35P/58

Figure 58. Pressure Regulator Valve.

INDEX TO PARTS, FIGURE 58

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	4705	BODY	6	4705	SEAT	11	4705	GASKET
2	4705	SPRING	7	4705	GASKET	12	4705	SPRING
3	4705	SPRING	8	4705	PIN	13	4705	PLATE
4	4705	VALVE	9	4705	PLATE	14	4705	CAP
5	4705	WASHER	10	4705	DIAPHRAGM	15	4705	PLUG

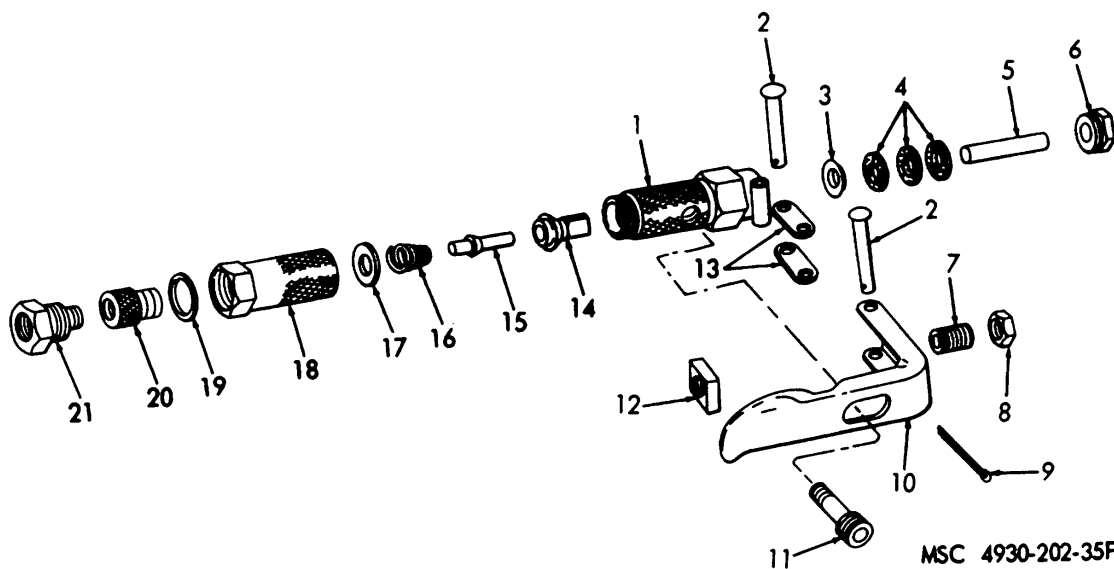


MSC 4930-202-35P/59

Figure 59. Swivel Assemblies.

INDEX TO PARTS, FIGURE 59

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	7203	ADAPTER AY	4	7203	RETAINER	7	7203	SPRING
2	7203	RETAINER	5	7203	SPRING	8	7203	ADAPTER
3	7203	PACKING	6	7203	ELBOW AY			



MSC 4930-202-35P/60

Figure 60. High Pressure Control Valve.

INDEX TO PARTS, FIGURE 60
INDEX TO PARTS, FIGURE 60

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	7203	BODY	8	7203	NUT	15	7203	STEM
2	7203	PIN	9	7203	PIN	16	7203	SPRING
3	7203	RETAINER	10	7203	HANDLE	17	7203	SUPPORT
4	7203	PACKING	11	7203	ADAPTER	18	7203	BODY
5	7203	ROD	12	7203	NUT	19	7203	GASKET
6	7203	NUT	13	7203	LINK	20	7203	STRAINER
7	7203	SETScrew	14	7203	SLEEVE	21	7203	BUSHING

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
					7203 - VALVES; FITTINGS (cont)								
	X2	O			BOLT, U (25980) 161-875			2	*	*	*	28	0
10	X2	O		4730-580-7468	ELBOW: pump end (70434) 6MA6UFS			3	*	*	*	28	11
	X2	O		4930-580-6507	HOSE ASSEMBLY: grease (25980) 161-494			6	*	*	*	28	10
	X2	O		4730-784-8895	ADAPTER (79470) 141-18469			12	*	*	*	28	9
	X2	O			LINE ASSEMBLY: grease (25980) 162-599			1	*	*	*	28	3
	X2	O			LINE ASSEMBLY: lubricating gear (25980) 162-597			1	*	*	*	28	4
	X2	O			LINE ASSEMBLY: oil engine (25980) 162-598			1	*	*	*	28	5
10	X2	O		4930-785-8088	MANIFOLD: grease (25980) 204-821			1	*	*	*	28	1
10	P1	O		4930-785-5095	METERING GUN: 4 qt (25980) 204-774 (Same as METERING GUN Stock No. 4930-785-5093, except where individual components are annotated)			1	*	*	5	57	
	P1	O		4930-785-5093	METERING GUN: 8 pt (25980) 204-788			1	*	*	5	57	
	X2	O		4930-795-0406	BENT PIPE: nozzle (25980) 161-885 (Used on METERING GUN Stock No. 4930-785-5095 only)			1	*	*	*	57	5
	X2	O		4730-186-3026	BUSHING (25980) 158-212			2	*	*	*	57	23
	X2	O			BUSHING: nozzle (25980) 155-502			2	*	*	*	57	2
	X2	O		4930-785-5084	ELBOW: meter valve (25980) 159-036			2	*	*	*	57	30
10	X2	O		4930-785-5091	METER: lubricant (25980) 158-690 (Used on METERING GUN Stock No. 4930-785-5093, only)			1	See Group	7202	See Group 7202		
10	X2	O		4930-785-8091	METER: lubricant (25980) 134-785 (Used on METERING GUN Stock No. 4930-785-5095, only)			1	See Group	7202	See Group 7202		
	X2	O		4930-533-3052	NOZZLE: oil (25980) 161-883 (Used on METERING GUN Stock No. 4930-785-5093 only)			1	*	*	*	57	3
10	P1	O		4930-765-1993	VALVE: metering, lubricant (25980) 204-835			2	*	*	10	57	
9	P1	F		3110-100-6160	BALL, BEARING (25980) 101-454			2	*	*	20	57	24
	X1	F			BODY AND SEAT: control valve (25980) 204-794			2	*	*	*	57	20
	X2	F			BUSHING: machine thread (25980) 158-668			2	*	*	*	57	13
10	X2	F		4930-212-5814	HANDLE: valve control (25980) 159-118			2	*	*	*	57	12
	X2	F		4930-212-5815	LATCH, TRIGGER: valve (25980) 159-168			2	*	*	*	57	17
	X2	F		4930-623-3421	NUT: adjustment lock (25980) 158-213			2	*	*	*	57	9
	P	F		5330-691-8156	PACKING (25980) 158-673			2	8	*	200	57	15
	X2	F		5315-011-2526	PIN (25980) 101-421			2	*	*	*	57	11
9	X2	F		5315-058-9767	PIN (25980) 101-349			2	*	*	*	57	19
9	X2	F		5315-598-2934	PIN (25980) 101-354			2	*	*	*	57	7
	X2	F			PIN (25980) 159-083			2	*	*	*	57	16
	X2	F			PIN: straight, headed (25980) 159-484			2	*	*	*	57	6
	X2	F		4930-307-6710	SEAT (25980) 157-974			2	*	*	*	57	10
	X2	F		5305-623-3422	SETSCREW: adjusting (25980) 158-214			2	*	*	*	57	8
	P1	F		5340-025-3310	SPRING (25980) 158-671			2	*	*	20	57	18
	X2	F		5310-141-1744	WASHER (25980) 150-451			2	*	*	*	57	14
10	P	O		4930-691-8145	PACKING (25980) 157-195			2	See Group	9901	See Group 9901	57	31

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND-ABILITY	QUAN-TITY INCORP-ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
TECH-NICAL SER-VICE	SOUR-CE	MAIN-TEN-ANCE	RECOV-ERABI-LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.	
									3RD ECH	4TH ECH	5TH ECH			
									100 EQUIPMENTS					
					7203 - VALVES; FITTINGS (cont)									
				5330-265-1100	PACKING (25900) 150-674			2	8	*	200	57	27	
10	P	F		4930-691-8143	PACKING: hi-volume control valve (25980) 156-401			4	17	.	400	57	28	
11	X2	F		4930-212-5812	PISTON: control valve (25960) 159-081			2	.	*	*	57	25	
10	X2	F		4930-212-5807	PLUG: valve body (25980) 158-662			2	*	*	*	57	29	
	P1	F		5340-691-8159	SPRING (25980) 159-080			2	*	*	20	57	26	
	X2	O		4930-212-5854	SWIVEL: control valve (25980) 202-994			2	*	*	*	57	22	
10	P	O		4930-691-8139	PACKING (25980) 155-500			2	8	.	200	57	21	
9	X2	O		5310-266-0385	NUT: "U" bolt (25980) 100-015			10	.	.	*	28	6	
	X2	O			SCREW, ASSEMBLED WASHER: grease manifold mtg, cadmium or zinc plated; 1/4-20 thd size; 1/2 in. lg (25980) 101-761			2	*	*	*	28	2	
	X2	O		5305-017-5156	SCREW (25980) 100-148			2	*	*	*			
9	X2	O		5310-012-1753	WASHER (25980) 202-579			2	*	*	*			
10	P	O		4930-587-0341	SWIVEL: lubrication lime (25980) 157-901			2	2	*	40	34	6	
	X2	O			ADAPTER: 1/8 in. NPT, male (25980) 202-774			2	*	*	*	59	8	
	X2	O			ADAPTER ASSEMBLY: 3 way (25980) 159-734			2	*	*	*	59	1	
	P1	O		4930-785-8086	ADAPTER (25980) 100-148			2	*	*	6			
9	P	O		3110-100-6173	BALL: bearing (25980) 157-896			20	See Group	9901	See Group 9901			
	X2	O			PLUG: ball race (25980) 159-735			2	See Group	9901	See Group 9901			
	X2	O			RING: swivel (25980) 202-??73			2	See Group	9901	See Group 9901			
	X2	O			ELBOW ASSEMBLY: 3 way (25980) 100-148			4	*	*	*	59	6	
9	P	O		3110-100-6173	BALL: bearing (25980) 203-517			40	See Group	9901	See Group 9901			
	X2	O			ELBOW: swivel (25980) 157-896			4	*	*	*			
	X2	O			PLUG: ball race (25980) 159-735			4	See Group	9901	See Group 9901			
	X2	O			RING: swivel (25980) 150-515			4	See Group	9901	See Group 9901			
	P	O		5330-033-5115	PACKING (25980) 150-516			18	75	*	1800	59	3	
10	X2	O		4930-691-8134	RETAINER (25980) 157-894			6	*	*	*	59	4	
	X2	O		4930-489-9537	RETAINER (25980) 150-522			6	*	*	*	59	2	
10	P1	O		4930-253-6900	SPRING (25980) 159-908			2	*	*	20	59	7	
	P	O		5340-691-8164	SPRING (25980) 200-452			4	*	*	40	59	5	
	P1	O		4930-587-0342	VALVE ASSEMBLY: grease control (25980) 200-017			2	*	*	6	60		
10	X2	F		4930-374-7904	ADAPTER: control valve to hose (25980) 153-487			2	*	*	*	60	11	
	X1				BODY: control valve (25980) 200-247			2				60	18	
	X1				BODY: control valve (25980) 150-505			2	*	*	20	60	1	
10	P1	F		4930-212-5751	BUSHING: machine thread, strainer (25980) 150-506			2	*	*	200	60	21	
	P	F		5330-245-5447	GASKET (25980) 150-859			2	4	*		60	19	
	X1				HANDLE: control valve (25980) 150-497			2				60	10	
	X2	F		4930-495-5007	LINK: anchor handle (25980) 150-860			4	*	*	*	60	13	
9	X2	F		5310-721-5940	NUT (25980) 150-513			2	*	*	*	60	12	
	X2	F		5310-496-7244	NUT: jam (25980) 150-503			2	*	*	*	60	8	
10	X2	F		4930-212-5750	NUT: packing (25980) 150-514			2	*	*	*	60	6	
	P	F		5330-247-5979	PACKING (25980) 150-514			6	25	*	600	60	4	

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND ABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
									100 EQUIPMENTS				
9	X2	F		5315-059-0149	PIN (25980) 101-514			2	*	*	*	60	9
	X2	F		5315-496-7240	PIN: pivot (25980) 150-496			4	*	*	*	60	2
10	X2	F		4930-200-6236	RETAINER: packing (25980) 150-501			2	*	*	*	60	3
	X2	F			ROD: push, valve (25980) 150-502			2	*	*	*	60	5
	X2	F		5305-276-8026	SETSCREW: adjusting (25980) 150-512			2	*	*	*	60	7
10	X2	F		4930-212-5753	SLEEVE: valve stem (25980) 150-508			2	*	*	*	60	14
	P1	F		5340-246-7623	SPRING (25980) 150-510			2	*	*	20	60	16
10	P1	F		4930-212-5759	STEM: control valve (25980) 152-567			2	*	*	16	60	15
10	P1	F		4930-212-5758	STRAINER: control valve (25980) 151-235			2	*	*	20	60	20
10	X2	F		4930-212-5752	SUPPORT: spring (25980) 150-507			2	*	*	*	60	17
9	X2	O		5310-017-4916	WASHER: "U" bolt (25980) 101-437			10	*	*	*	28	7
					GROUP 76 - FIRE FIGHTING EQUIPMENT								
					7603 - FIRE EXTINGUISHERS								
	P1	O		4210-893-1092	EXTINGUISHER: fire, dry chemical, 2 1/2 lbs (GE)			1	*	*	10		
					GROUP 95 - GENERAL								
					USE STANDARDIZED PARTS								
					9501 - BULK MATERIAL								
	P	O		6145-164-6948	CABLE: power (GE)	FT			*	*	20		
9	P	O		6145-331-2295	CABLE: power	FT			*	*	75		
	P	O		4720-289-9625	HOSE: rubber	FT			*	*	125		
10	P	O		4930-802-2278	HOSE: rubber	FT			*	*	50		
	P	O		5970-503-0174	INSULATION TAPE (GE)	RL			*	*	20		
	P	O		5330-233-5846	PAPER: gasket (GE)	YD			*	*	5		
	P	O		5330-233-5847	PAPER: gasket (GE)	YD			*	*	5		
	P	O		4710-162-1000	PIPE: steel	FT			*	*	5		
3	P	O		6810-249-9354	SULPHURIC ACID	GAL			*	*	10		
	P	O		4710-277-5525	TUBE: copper	FT			*	*	40		
	P	O		5975-284-7341	TUBE: flexible (GE)	FT			*	*	25		
	P	O		6145-299-4458	WIRE: copper (GE)	FT			*	*	5		
9	P	O		6145-509-2683	WIRE: copper	FT			*	*	45		
	P	O		6145-643-2498	WIRE: copper (GE)	FT			*	*	5		
	P	O		6145-660-8933	WIRE: copper	FT			*	*	30		
					GROUP 99 - PARTS PECULIAR								
					9901 - PARTS PECULIAR WITH MORE THAN ONE APPLICATION								
9	P	F		3110-100-6149	BALL: bearing (25980) 100-172			4	2	*	130		
9	P1	O		3110-100-6151	BALL: bearing			2	*	*	20		
9	P1	O		3110-100-6155	BALL: bearing (25980) 100-170			3	*	*	30		
9	P	O		3110-100-6173	BALL: bearing (25980) 100-148			60	15	*	600		
	P	H		4310-695-2618	BEARING: connecting rod (97167) 2AC1837			4		3	400		
	X2	O		5340-533-3047	CATCH: door (25980) 162-057			8	*	*	*		
	X2	H		4310-374-3064	DIPPER, OIL (97167) AC1790			2		*	*		
	X2	O			DISK (25980) 162-502			10	*	*	*		
	P1	O		5325-741-7433	GROMMET (46522) A3481			2	*	*	10		
10	X2	O		4930-805-3342	HINGE: door (25980) 162-054			6	*	*	*		
	X2	O		4930-831-1245	HUB (25980) 153-118			5	*	*	*		

SOURCE CODES				FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPEND- ABILITY	QUAN- TITY INCORP- ORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
TECH- NICAL SER- VICE	SOUR- CE	MAIN- TEN- ANCE	RECOV- ERABI- LITY						15-DAYS FIELD MAINTENANCE		DEPOT MAINTENANCE	FIG. NO.	ITEM NO.
									3RD ECH	4TH ECH	5TH ECH		
					9901 - PARTS PECULIAR WITH MORE THAN ONE APPLICATION (cont)				100 EQUIPMENTS				
	X2	O		4730-188-1870	NIPPLE (GE) (25980) 100-195			5	*	*	*		
	P	O		4930-297-4956	PACKING (25980) 154741			4	14	*	400		
10	P	O		4930-691-8145	PACKING (25980) 157-195			3	11	*	260		
	P	F		5330-194-3111	PACKING (25980) 156-641			3	13	*	300		
	X2	O			PACKING: nut (25980) 153-119			5	*	*	*		
	X2	O			PLUG (25980) 157-896			6	*	*	*		
	X2	O			RING: swivel (25980) 159-735			6	*	*	*		
	P1	O		4930-831-1246	SHAFT: reel brake (25980) 153-120			5	*	*	*		
10	X2	H		4310-695-2612	SHIM (97167) AC10363			4	*	*	*		
	X2	O		4930-496-7290	SPACER: reel (25980) 153-131			25	*	*	*		
					SECTION III. SPECIAL TOOLS								
					GROUP 26 - ACCESSORIES, PUBLICATIONS, AND TOOLS								
					2604 - SPECIAL TOOLS								
					NOTE: If these tools are not a component of authorized TA or TOE TOOL SETS, quantity necessary for the performance of assigned maintenance mission is authorized for each field and depot maintenance facility								
	X2	F			HANDLE: valve removing wrench (97167) AC11233			1	*	*	*		
	X2	F			WRENCH: high pressure valve removing (97167) AC11228			1	*	*	*		
	X2	F			WRENCH: low pressure valve removing (97167) AC11229			1	*	*	*		

FEDERAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4930-202-35P

NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE
#48-24X4	87979	6,18	AC10950	97167	69	AN9368416	46522	51	A2163G1	46522	48	C13841G2	46522	44
AA468	24123	85	AC10956	97167	69	A11650G1	46522	46	A4618	46522	46	C14965	46522	44
ACKMP/515D	44940	1	AC11004	97167	64	A11708G2	46522	44	A50274	46522	48	C1498D	82796	29
AC10011	97167	69	AC11228	97167	94	A13184	46522	46	A568663	55168	48	C16350G2	46522	44
AC10012	97167	69	AC11229	97167	94	A13620	46522	44	A608	82796	29	C17496G2	46522	46
AC10014	97167	67	AC11233	97167	94	A13623	16522	44	BY463	82796	29	C17506G1-1	46522	48
AC10015	97167	69	AC11282	97167	64	A13630	46522	46	B1077	82796	28	C3969	82496	29
AC10017	97167	69	AC1175	97167	64	A13694	46522	46	B3626-	46522	48	C42166G2	46522	49
AC1001B	97167	69	AC1240	97167	62,63	A13706	46522	49	B13629	46572	48	C4796G9	46522	49
AC10019	97167	69	AC1767	97167	62	A13707	46522	46	B13635	46522	48	C50021	46522	54
AC10020	97167	67	AC1780	97167	64	A1370G	46522	48	B13639	46522	48	C5949	82796	26
AC10021	97167	69	AC1787	97167	62,65	A13708G2	46522	48	B13701G2	46522	46	C6032B	82796	29
AC10023	97167	65	AC1790	97167	62,63,	A13709G1	46522	49	B13752-1	46522	44	C6052-832-27	46522	53
AC10024	97167	67			93	A13700-1	46522	44	B13755G1	46522	44	C6052-832-27	78553	44
AC10031	97167	67	AC1829	97167	62	A13783	46522	46,54	B13773-1	46522	44	DC3253	35311	14
AC10032	97167	67	AC1834	97167	62	A13784	46522	46	B13777-1	46522	44	DX5957	82796	26
AC10033	97167	67	AC1902	97167	69	A13789	46522	44	B1378G2	46522	44	DY11A	78480	14
AC10034	97167	67	AC1921	97167	65	A13790	46522	46	B13782-1	46522	46	D11160G5	46522	53
AC10036	97167	67	AC1944	97167	67	A13833	46522	49	B14129G10	46522	49	D12300A	60427	30
AC10037	97167	67	AC1946	97167	67	A14134	46522	48	B14142G1	46522	49	D13791	46522	44
AC10038	97167	67	AC1947	97167	65	A14136	46522	48	B14962	46522	49	D2513A	82796	29
AC10042	97167	65	AC1962	97167	67	A14137	46522	48	B14963	46522	49	D2565	82796	28
AC10043	97167	65	AC4964	97167	65	A14138	46522	48	B14964	46522	44	D42161G2	46522	48
AC10086	97167	67	AC1965	97167	65	A14140	46522	49	B17818G1	46522	49	D5949A	82796	26
AC10087	97167	67	AC1967	97167	67	A14141	46522	49	B18792G1-1	46522	46	EY2563	82796	26
AC10089	97167	67	AC20374	97167	65	A14434G1	46522	49	B2435	82796	26	EZ2563C15	82796	26
AC10105	97167	62,69	AC20392	97167	72	A14437G1	46522	49	B2568	82796	28	E15241G3	46522	46
AC10149	97167	58	AC20393	97167	58	A14436	46522	49	B36	60380	6,18	E15241G7	46522	44
AC10155	97167	62	AC2504-2	97167	65	A14437	46522	49	B3967	82796	29	FMPPTL-2B69	82796	26
AC10163	97167	67	AC2561-2	97167	67	A14439	46522	49	B42164G1	46522	48	FR-RA62A	59875	6
AC10257	97167	64	AC2594	97167	58	A14786	46522	46	B50013	46522	51	FS1165	21760	23
AC10269	97167	67	AC2697	97167	67	A14761	46522	49	B50014	46522	51	F1470	7720	62
AC10270	97167	69	AC2700	97167	67	A14762	46522	49	B5969	82796	29	F2572	82796	26
AC10288	97167	65	AC2821	97167	62	A14981	82796	29	B6030A	82796	28	G2788	82796	26
AC10305	97167	64	AC2892	97167	64	A1522	46522	48	B66	60380	6,18	G3861	82796	2
AC10309	97167	64	AC2967	97167	64	A1523	46522	48	CB4028SPEC122	19728	23,30	KZ2425	82796	28
AC10363	97167	63,64,	AC3112-2	97167	65	A15635G1	46522	46	CC2144	81118	16	LM408	77873	12
		94	AC3241	97167	67	A15636G1	46522	49	CLA200	77873	12	LV2433	82796	29
AC10392	97167	67	AC3408	97167	62	A15978G1	46522	48	CLS211	77873	12	L6018	82796	29
AC10412	97167	67	AC3802	97167	72	A15980G1	46522	49	CL4776	77873	12	M2570	82796	28
AC10492	97167	62	AC4136	97167	58	A16075G1-1	46522	51	CL4964	77873	12	N2498	82796	29
AC10493	97167	62	AC4209	97167	58	A16201G1	46522	51	CL5087	77873	14	N5963	82796	26
AC10565	97167	69	AC4210	97167	58	A1624	46522	46	CL5092	77873	12	PT352	77873	14
AC10658	97167	67	AL13649G5	46522	48	A16380G1	46522	48	CL5152	77873	12	PT353	77873	14
AC10692	97167	64	AN340-416	46522	49	A16629G1	46522	46	CL5153	77873	12	PT532	77873	14
AC10693	97167	64	AN303B10	46522	48	A17505G1	46522	48	CL5156	77873	12	PT533	77873	14
AC10781	97167	62	AN340B4	46522	46,48	A17836G1	46522	49	CL5163	77873	14	PT580	77873	14
AC10782	97167	74	AN340B8	46522	48	A17960G1	46522	44	CL5318	77873	14	PT582	77873	14
AC10785	97167	62,63	AN345-10	88044	51	A17961G-1	46522	51	CL5522	77873	12	PT958	77873	14
AC10884	97167	64	AN515-6-14	46522	49	A18167G1	46522	49	CL5544	77873	12	P10630R	45722	3
AC10885	97167	64	AN515-8-10	46522	48	A18866G1	46522	44	CL6783	77873	12	QT2477C	82796	26
AC10886	97167	64	AN515PB4-6	46522	46,48	A2106G2	46522	44	CL7248-6	77873	12	Q2437A	82796	29
AC10887	97167	64	AN515PB6-4	88044	4654	A2492A	82796	29	C1166X	82796	28	SK52	82796	29
AC10888	97167	64	ANS15PB-6	46522	46	A2492C	82796	29	C13607	46522	44	SS1101	01428	18
AC10889	97167	64	AN520-10-24	46522	48	A2492D	82796	29	C13608G-1	46522	44	S10GA	00736	65
AC10902	97167	67	A935-6	46522	49	A2735A	82796	28	C13650-1	46522	44	S174	18265	16
AC10923	97167	69	AN936A10	46522	49	A3477	46522	44	C13751G3	46522	44	S2474X	82796	26
AC10947	97167	69	AN936A4	46522	46,49	A3481	46522	44,46,	C13767-1	46522	44	UCL5230-7	77873	12
AC10948	97167	69	AN936A8	46522	46,49			93	C13776G2	46522	44	UCL8-5228A	77873	12
AC10949	97167	69	AN936B10	99044	46	A42144G2	46522	53	C13779G2	46522	44	UCL8013	77873	14

FEDERAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4930-202-35P

NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE
UCL9-4966	77873	14	100-200	25980	64	101-131	25980	57	101K115	44940	1,3	123A356	44940	9
UPT531	77873	14	100-203	25980	54,88	101-178	25980	82	101K181	44940	3	123A358	44940	10
VAR4001	19728	23	100-205	25980	85	101-195	25980	78	102A422	44940	9	123A452	44940	10
VAR4001SPNG	19728	30	100-214	25980	39,76.	101-246	25980	77	1028158	44940	1 10	123A489	44940	10
VR74	59875	6			87	101-247	25980	77	103898	44940	16	123A545	44940	9
V1498	82796	29	100-241	25980	38,72	101-324	25980	23,30.	103105	44940	5	134A894	44940	22
XEH9	11583	29	100-261	25980	72			31,51	104A43	44940	3	134C232	44940	23
XS2480	82796	28	100-269	25980	20	101-349	25980	91	104A91	44940	10	134C798	44940	23
OW352	78480	20	100-272	25980	20,39.	101-351	25980	56	1040361	41940	3	134D732	44940	22
OW363	78480	20			41,54	101-352	25980	20	105A105	44940	5	134D903	44940	22
OW444	78480	20	100-276	25980	57	101-354	25980	91	105A4	44940	6	141-18469		39, 41,
03ACK239	44940	23	100-279	25980	82	101-398	25980	74	105A72	44940	6			57,74,
06096	78480	20	100-307	25980	38	101-421	25980	91	105A75	44940	5			91
08420	78480	14	100-321	25980	1	101-431	25980	34	1055-695-4763		26	141A281	44940	1,16
1-250-157	97167	41	100-333	25980	23,31,	101-437	25980	53,76,	1055-695-4771		20	14274	60038	2
1AC10326	97167	63			51			93	110A244	44940	3	149A171	44940	1
1AC10327	97167	62	100-340	25980	34	101-439	25980	1	110A245	44940	6	149A3	44940	1,16
1AC10858	97167	67	100-402	25980	38	101-441	25980	1.18.	110A254	44940	3	149A327	44910	20
1AC2855	92578	72	100-422	25980	37			72	110A443	44940	1,6	140A333	44940	16
1AC2898	97167	58	100-450	25980	84	101-454	25980	91	110A444	44940	6	149A45	44940	16
10S10D	82796	29	100-464	25980	34,41	101-493	25980	72	110A445	44940	1,3,	149D693	44940	16
			100-467	25980	20	101-514	25980	93			6,20	150-100	25980	72
100-015	25980	34,37,	100-479	25980	38	101-537	25980	51			29	150-111	25980	57,8
		51,74,	100-497	25980	38	101-577	25980	31,51	110A539	44940	6	150-117	25980	57
		92	100-509	25980	18	101-579	25900	84	110A598	44940	6	150-150	25980	80
100-016	25980	39	100-518	25980	39,41,	101-676	25980	31,34	110A616	44940	1,6	150-153	25980	72
100-017	25980	1			54	101-677	25980	65	110A667	44940	1,6	150-160	25980	78
100-023	25980	39	100-521	25980	39	101-738	25980	69	110A68	44940	1,6	150-179	25980	80
100-032	25980	41,54	100-522	25980	38	101-742	25980	82	110A690	44940	5	150-451	25980	81,91
100-049	25980	72	100-527	25980	39	101-756	25980	31	110A697	44940	1,3	150-453	25980	69
100-054	25980	57,76,	100-558	25980	41,53	101-758	25989	31,51	110C603	44940	3	150-461	25980	87
		80	100-579	25980	84	101-759	25980	72	110C64	44940	3	150-496	25980	93
100-055	25980	54,82	100-584	25980	72	101-760	25980	74	101K718	44940	1	150-497	25980	92
100-063	25980	39,41	100-639	25980	39	101-761	25980	31,34,	112-47	44940	5	150-498	25980	78
100-068	25980	41,87	100-674	25980	88			51,53.	112A10	44940	5	150-501	25980	93
100-070	25980	78	100-702	25980	54			65,72,	112A3	44940	5	150-502	25980	93
100-071	25980	37	100-718	25980	72			92	113A50	44940	5	150-503	25980	92
100-072	25980	20,39,	100-721	25980	74	101-704	25980	41,54	113A51	44940	5	150-505	25980	92
		41,53	100-729	25980	51	101-765	25980	31	113A7	44940	5	150-506	25980	92
100-077	25980	51,78	100-732	25980	31,53,	101-780	25980	31	113A72	44040	5	150-507	25980	93
100-086	25980	65			65	101-788	25980	31,57	113A74	44940	5	150-508	25980	93
100-103	25980	84	100-752	25980	65	101-791	25980	54	114-42	14940	5	150-510	25980	93
100-111	25980	80,82,	100-779	25900	20	101-792	25980	54	114A36	44940	5	150-512	25980	93
		85	100-804	25980	74	101-793	25980	18,38,	114A59	44940	5	150-513	25900	92
100-113	25980	72	100-822	25980	20			39,80	114855	44940	5	150-514	25980	92
100-117	25980	64	100-831	25980	31,51	101-795	25980	76	114856	44940	5	150-515	25980	92
100-120	25980	76,82	100-834	24980	57	101-796	25980	56	115A25	44940	6	150-516	25980	92
100-121	25980	74	100-846	25980	57	101-801	25980	38	115A6	44940	6	150-522	25980	92
100-122	25980	74	100-852	25980	57	101-806	25980	41	120A187	44940	10	150-647	25980	87
100-132	25980	1,39,	100-854	25980	57	101-809	25980	74	120A192	44940	1,10	150-670	25980	87
		41,53.	100-855	25980	57	101-810	25980	51	120A270	44940	10	150-707	25980	54
		57	100-879	25980	80	101-833	25980	41	120A398	44940	10	150-859	25980	92
100-133	25980	38	100-884	25980	54,85,	101-834	25980	39	120A437	44940	10	150-860	25980	92
100-148	25980	92,93			88	101-836	25980	53	120A491	44940	10	150-935	25980	78
100-170	25980	77,82,	100-960	25980	57	101-838	25980	72	1208400	44940	10	150-971	25980	77
		93	100-969	25980	74	101-840	25980	72	12094	44940	1,26	150-972	25980	77
100-172	25980	84,93	100-975	25980	31,53	101A49	44940	1,5	123A191	44940	1,10	150A136	44940	6,18
100-175	25980	64	100-985	25980	53	101840	44940	3	123A315	44940	10	150A213	44940	18
100-179	25980	31,51	100-18E	97464	20	101841	44940	3	123A352	44940	1,10	150A333	44940	18
100-186	25980	80	101-036	25980	76	101C258	44940	1,3				150A349	44940	18
100-188	25980	39,76	101-084	25980	74									
100-195	25980	38,94												

FEDERAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4930-202-35P

NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE
150A350	44940	18	156-401	25980	92	158-213	25980	91	159-890	25980	87	161-935	25980	31
150A620	44940	6,20	156-454	25980	18	158-214	25980	91	159-908	25980	92	161-937	25980	53
150A77	44940	18	156-641	25980	80,94	158-266	25980	88	159A8	44940	9	161-938	25980	1
150A78	44940	18	156-698	25980	80	158-357	25980	85	160-170	25980	58	161-939	25980	31
150A98	44940	18	157-131	25980	85	158-359	25980	84	160-173	25980	5	161-940	25980	31,53
150B234	44940	6,18	157-184	25980	82	158-360	25980	87	160-174	25980	58	161-958	25980	54
150B612	44940	18	157-195	25980	16,91,	158-361	25980	85	160-175	25980	58	161-959	25980	54
150B85	44940	18			94	158-362	25980	85	160-180	25980	58	161-960	25980	74
151-235	25980	93	157-429	25980	78	158-364	25980	85	160-261	25980	85	161-985	25980	39
152-224	25980	58	157-630	25980	82	158-365	25980	87	160-268	25980	58	161-988	25980	51
152-567	25980	93	157-631	25980	80	158-367	25980	85	160-469	25980	54	161-990	25980	39
152-699	25980	57	157-632	25980	80	158-377	25980	85	160-470	25980	54	161-991	25980	39
152-829	25980	51	157-633	25980	82	158-378	25980	85	160-618		87	161-993	25980	18
152-896	25980	38	157-635	25980	80	158-379	25980	84	160-620	25980	87	161P224	44940	26,34
152-897	25980	38	157-636	25980	80	158-388	25980	87	160-623	25980	84	1610	95879	14
152-898	80201	38	157-637	25980	80	158-397	25980	54	160-637	25980	54,84	162-012	25980	87
152-899	25980	38	157-638	25980	82	158-398	25980	54	160-753	25980	76	162-020	25980	34
152-900	25980	38	157-639	25980	82	150-409	25980	81	100-755	25980	82	162-024	25980	57
152-901	25980	38	157-640	25980	82	158-428	25980	87	100-756	25980	82	162-030	25980	84
152-902	25980	34	157-660	25980	78	158-429	25980	88	100-758	25980	76	162-039	25980	87
152-903	25980	37	157-661	25980	78	158-641	25980	84	160-759	25980	76	162-040	25980	85
152-904	25980	34	157-662	25980	78	158-647	25980	57	160-761	25980	76	162-041	25980	85
152A104	44940	18	157-663	25980	78	158-652	25980	72	160-762	25980	76	162-042	25980	88
153-064	25980	38	157-749	25980	77	158-653	25960	72	160-766	25980	76	162-043	25980	88
153-065	25980	38	157-750	25980	77	158-656	25960	72	160-894	25980	85	162-045	25980	72
153-066	25980	38	157-751	25980	77	158-662	25960	92	160-895	25980	87	162-054	25980	39,93
153-118	25980	38,93	157-753	25980	77	158-668	25980	91	160-896	25980	87	162-056	25980	41
153-119	25980	38,94	157-796	25980	58	158-671	25980	91	160-097	25980	87	162-057	25980	39,93
153-120	25980	38,94	157-798	25980	58	158-673	25980	91	160A294	44940	28	162-058	25980	41
153-121	25980	37	157-800	25980	58	158-674	25980	92	160A295	44940	6	162-059	25980	54
153-122	25980	39	157-872	25980	82	158-690	25980	80,91	160A296	44940	5	162-060	25980	54
153-123	25980	37	157-894	25980	92	158-695	25980	85	160A297	44940	9	162-067	25980	51
153-124	25980	37	157-896	25980	92,94	158-697	25980	87	160A299	44940	6	162-070	25980	53
153-125	25980	37	157-901	25980	92	158-776	25980	84	1608386	44940	1,26	162-071	25980	18
153-126	25980	37	157-942	25980	80	158-830	25980	41	160C293	44940	2	162-077	25980	56
153-127	25900	37	157-943	25980	80	158-059	25980	88	161-283	25980	31	162-100	25980	51
153-128	25900	38	157-944	25980	80	158-900	25980	53	161-284	25980	65	162-101	25980	44
153-129	25980	37	157-974	25980	91	158-929	25980	72	161-291	25980	57,58	162-102	25980	41
153-131	25980	38,94	157974	25980	72	158144	25980	72			80	162-103	25980	41
153-208	25980	54	158-022	25980	77	159-036	25980	91	161-292	25980	56	162-104	25980	54
153-487	25980	92	158-109	25980	80	159-046	25980	85	161-295	25980	41	162-105	25980	54
153-790	25980	54	158-142	25980	78	159-047	25980	85	161-298	25980	41	162-113	25980	31,34
153-794	25980	54	158-143	25980	78	159-048	26980	84	161-300	25980	39,57	162-114	25980	31,34
153-798	25980	54	158-145	25980	78	159-080	25980	92	161-301	25980		162-127	25980	41
153B246	44940	20	158-146	25980	78	159-081	25980	92	161-494	25980	74,91	162-135	25980	39
154-666	25980	80	158-149	25980	78	159-083	25980	91	161-495	25980	4	162-136	25980	39
154-741	25980	74,85,	158-150	25980	78	159-118	25900	91	161-499	25980	39	162-149	25980	54
		94	158-151	25980	78	159-168	25980	91	161-500	25980	41	162-187	25980	39,57
154-785	25980	80,91	158-152	25980	78	159-306	25980	85	161-809	25980	57	162-190	25980	39
154A13	44940	1,10	158-153	25980	78	159-307	25980	85	161-830	25980	80	162-483	25980	54
154A22	44940	1,20	158-154	25980	80	159-308	25980	85	161-831	25980	1	162-484	25980	54
154C517	44940	10	158-155	25980	80	159-342	25980	78	161-835	25980	76	162-490	25980	74
155-494	25980	85	158-156	25980	80	169-346	25980	78	161-836	25980	76	162-502	25980	38,93
155-500	25980	92	158-157	25980	78	159-347	25980	78	161-837	25980	76	162-515	25980	72
155-502	25980	91	158-158	25980	80	159-363	25980	78	161-873	25980	88	162-516	25980	74
155-485	25980	85	158-159	25980	80	159-441	25980	78	161-875	25980	91	162-523	25980	41
155C253	44940	20	158-161	25980	80	159-442	25900	78	161-883	25980	91	162-547	25980	41
156-196	25980	58	158-162	25980	78	159-482	25980	87	161-885	25980	91	162-548	25980	41
156-200	25980	58	158-188	25980	58	159-484	25980	91	161-916	25980	34	162-549	25980	41
156-323	25980	80	158-212	25980	81	159-734	25980	92	161-919	25980	31,41	162-550	25980	80
						159-735	25980	92,94						

FEDERAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4930-202-35P

NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE
162-551	25980	41	202-510	25980	82	204-793	25980	31	2540-371-6810		46	2910-652-8738		16
162-553	25980	85	202-511	25980	80	204-794	25980	91	2540-692-9101		49	2910-691-0020		16
162-554	25980	88	202-512	25980	82	204-796	25980	51	2540-718-6352		44	2910-799-5757		18
162-555	25980	82	202-514	25980	78	204-799	25980	34	2805-304-9440		1,6	2910-831-3845		18
162-556	25980	87	202-590	25980	80	204-802	25980	34	2805-317-4789		5	2920-217-3489		29
162-557	25980	84	202-632	25980	77	204-803	25980	53	2805-324-2686		26	2920-286-2712		26
162-558	25980	82	202-699	25980	78	204-808	25980	56	2805-328-6794		1,6	2920-333-3923		29
162-559	25980	88	202-773	25980	92	204-809	25980	82	2805-358-2101		1,5	2920-354-0741		28
162-560	25980	82	202-774	25980	92	204-810	25980	82	2805-358-2124		5	2920-354-0750		26
162-561	25980	82	202-689	25980	76	204-811	25980	20	2805-358-2331		5	2920-356-1221		29
162-562	25980	84	202-959	25980	92	204-812	25980	39	2805-358-2337		9	2920-358-6719		26
162-563	25980	82	202-994	25980	92	204-815	25980	57	2805-358-2666		1,6	2920-379-2836		23,30
162-564	25980	88	203-068	25980	44	204-816	25980	80	2005-358-2667		1,3	2910-423-0344		16
162-565	25980	76	203-069	25980	51	204-818	25980	57	2805-358-2668		1,10	2920-429-2971		23
162-566	25980	84	203-329	25980	78	204-821	25980	91	2805-358-2673		1,6	2920-446-7412		26
162-568	25980	87	203-453	25980	57	204-826	25980	39	2805-358-2847		3	2920-476-2575		23,34
162-570	25980	88	203-517	25980	92	204-827	25980	44	2805-358-3366		5	2920-476-2576		30
162-572	25980	85	203-750	25980	58	204-830	25980	49	2805-358-3726		6	2920-476-2577		30
162-573	25980	85	203-751	25980	58	204-832	25980	39	2805-358-4334		18	2920-476-2578		26
162-574	25980	85	203-752	25980	58	205-835	25980	91	2805-358-5360		6,18	2920-537-1330		29
162-575	25980	85	203-993	25980	76	204-836	25900	38	2805-358-5361		18	2920-537-1334		28
162-576	25980	64	203-994	25980	76	204-837	25980	53	2805-423-0076		6	2920-592-3451		44
162-577	25980	84	2030	97150	67	204-838	25980	53	2805-423-0363		1,20	2920-602-4258		26
162-578	25980	88	204-285	25980	65	204-840	25980	53	2805-429-2964		5	2920-630-4440		26
162-579	25980	82	204-485	25980	57	205-007	25980	20	2805-429-2968		9	2920-651-2038		29
162-560	25980	84	204-486	25980	78	205-009	25980	53	2805-445-2234		23	2920-678-1216		6
162-581	25980	88	204-512	25980	39	205-011	25980	20	2805-492-9785		6	2920-679-5892		29
162-582	25980	88	204-559	25980	51	205-013	25980	18	2805-499-8231		9	2920-695-4767		1,26
162-583	25980	84	204-597	25980	16	205-014	25980	53	2805-515-2465		1,3	2920-709-2855		29
162-584	25980	88	204-598	25980	74	205-015	25980	53	2805-529-8233		5	2920-725-4605		26
162-565	25980	88	204-600	25980	74	205-016	25980	41	2805-542-1389		5	2920-785-0610		23
162-586	25980	85	204-601	25980	39	205-017	25980	41	2805-543-3743		10	2920-785-0615		23
162-597	25980	91	204-602	25980	57	205-019	25980	41	2805-558-8160		6	2920-831-0093		23
162-598	25980	91	204-603	25980	31	205-020	25980	85	2805-594-9607		6	2920-831-0108		26
162-599	25980	91	204-604	25980	30	205-021	25980	84	2805-623-3148		143	2920-876-3840		23,30
162-602	25980	87	204-605	25980	31	205-023	25980	84	2805-623-3168		10	29361	77220	62
162-603	25980	87	204-606	25980	31	205-024	25980	88	2805-623-3195		6	2940-202-2475		64
167A1265	44940	26	204-614	25980	39	205-031	25980	84	2805-625-2442		10	2940-358-4514		16
16741266	44940	26	204-734	25980	57	210C134	44940	23	2805-646-8982		10	2945-263-7971		48
168K52	44940	1	204-735	25980	51	212A1011	44940	23	2805-654-3542		5	2990-288-4725		12
190-108	44940	14	204-754	25980	80	212A146	44940	23	2805-695-4761		3	2990-294-6749		20
190-110	44940	14	204-757	25980	34	214A42	44940	23	2805-695-4841		1	2990-307-6713		51
190A112	44940	12	204-759	25980	41	2145	79150	64	2805-696-5655		6	2990-335-9069		49
190A113	44940	12	204-763	25980	38	2173C1	79150	64	2805-696-5668		5	2990-335-9070		49
190B107	44940	14	204-766	25980	34	221A119	44940	23	2805-699-6860		3	2990-335-9074		44
190C221	44940	12	204-767	25980	34	222A1253	44940	23	2805-699-6885		1,10	2990-358-5773		20
190D103	44940	12	204-769	25980	18	225-053	25980	78	2805-715-7549		10	2990-423-0347		18
192A16	44940	12	204-771	25980	34	2250C19	51240	57	2805-778-0235		5	2990-446-7414		18
193-31	44940	57	204-772	25980	38	226-051	25980	76	2805-785-0616		3	2990-545-2413		46
193P5	44940	57	204-773	25980	38	23C3	73287	3	2805-791-1363		1	2990-625-2448		18
2AC1837	97167	62,63	204-774	25980	91	232B395	44940	26	2805-801-3731		1	2990-695-4796		18
		93	204-776	25980	31	2520-374-7244		12	2815-695-4816		10	2990-713-5008		10
2AC3419	97167	62	204-777	25960	31	2520-374-7245		12	2910-141-9002		48	2990-796-8554		51
200-017	25980	92	204-779	25980	31	2520-424-5603		14	2910-142-2738		20	3AC2882	97167	58
190-065	25980	56	204-780	25980	18	2520-510-4635		14	2910-269-7126		20	3K1	82796	28
200-247	25980	92	204-784	25980	16	2540-039-8086		49	2910-374-5574		57	300-232	44940	30
200-452	25980	92	204-786	25980	69	2540-288-4963		46	2910-423-0340		16	301B531	44940	30
200-890	25980	37	204-787	25980	69	2540-303-3567		44	2910-492-7306		20	301C1647	44940	30
201A446	44940	23	204-788	25980	91	2540-303-3568		44	2910-580-0087		14	3010-371-6435		12
202-366	25980	78	204-790	25980	57	2540-303-3570		44	2910-630-4439		16	3020-542-0592		6
			204-792	25980	41							3030-585-3916		65

FEDERAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4930-202-35P

NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE
304-15	44940	23	4310-353-5809		62	4310-735-4026		67	4730-277-8273		16	4930-024-2613		78
304-49	44940	23,30	4310-353-5814		62	4310-766-4642		44	4730-278-0083		64	4930-200-6236		93
304A11	44940	23,30	4310-353-5815		62	4310-766-4643		51	4730-278-0359		57	4930-204-2072		80
308A28	44940	30	4310-353-5816		62	4520-318-7561		44	4730-278-3403		74	4930-212-5715		65
31SS12B	82796	29	4310-353-5817		62	4520-319-0453		44	4730-278-3412		72	4930-212-5750		92
3110-100-0515		62	4310-353-5818		64	4520-509-1726		44	4730-278-4086		74	4930-212-5751		92
3110-100-6149		6,18,84,93	4310-358-0589		65	4520-620-4824		44	4730-278-4240		74	4930-212-5752		93
		72,78,	4310-358-0615		65	4520-707-4272		49	4730-278-4284		74	4930-212-5753		93
3110-100-6151		93	4310-358-0660		62	4548	78990	3.6	4730-287-1536		49	4930-212-5758		93
		77,82,	4310-358-0661		62	4710-162-1000		74.93	4730-288-8248		16	4930-212-5759		93
3110-100-6155		93	4310-358-0665		67	4710-277-5525		16.49,	4730-288-9387		49	4930-212-5807		92
		93	4310-358-0675		67			65,76,	4730-289-1242		72	4930-212-5812		92
3110-100-6159		18	4310-358-0677		65			93	4730-289-3586	16,44		4930-212-5814		91
3110-100-6160		91	4310-358-0715		69	4710-447-1951		82	4730-319-0454		49	4930-212-5815		91
3110-100-6173		92,93	4310-358-0731		65	4720-289-9625		14.16,	4730-353-4840		16	4930-212-5828		56
3110-120-3015		6,18	4310-358-1149		69			39,51,	4730-358-5965	20,41,		4930-212-5847		80
3110-142-4355		62	4310-358-1155		69			57,74,		53		4930-212-5854		92
3110-144-8589		12	4310-358-1185		65			93	4730-364-8740		72	4930-246-7625		38
3110-144-8998		26	4310-358-1363		67	4720-441-4218		51	4730-369-4637		14	4930-248-3823		38
3110-151-9153		82	4310-358-1413		69	4720-695-4819		10	4730-426-0593		64	4930-253-6900		92
3110-188-2728		82	4310-358-1513		67	4730-010-3867		6,10	4730-496-7505		74	4930-264-0221		69
3110-277-0337		6,18	4310-358-1563		62	4730-011-2578		64,67	4730-496-7511		46	4930-292-4001		38
3116-585-3296		23	4310-358-1646		69	4730-012-7950		49	4730-533-4840	16,51		4930-297-4956	74,85	
312A80	44940	23,34	4310-371-4602		67	4310-371-4602		80	4730-021-9308	69,72				94
3120-287-7858		9	4310-374-3054		69	4310-374-3054		18	4730-044-4574	54,74		4930-305-9798		77
3120-661-8788		5	4310-374-3055		64	4730-050-4208	14,57,		4730-566-1534	39,57		4930-307-6710	72,91	
3120-662-0692		49	4310-374-3058		62		76,80		4730-580-7468	74,85,		4930-307-6711		72
3220-671-9721		57	4310-374-3059		62	4730-186-3026		91		91		4930-307-6712		72
332A261	44940	26	4310-374-3060		69	4730-187-7595	64,72		4730-630-9818	85		4930-307-6714		41
336A17	44940	23,34	4310-374-3061		64	4730-187-7596		9	4730-640-5179	57		4930-309-1063		51
3388164	44940	30	4310-374-3062		62	4730-188-1870	38,94		4730-691-8137	31		4930-332-5774		80
3388200	44940	30	4310-374-3064	62,63,		4730-188-1877		72	4730-691-8140	3		4930-374-7632		78
3400X2	79470	16,57		93		4730-188-6314		57	4730-719-2726	49		4930-374-7633		78
3655-371-6813		44	4310-374-3069		67	4730-192-9450		74	4730-725-5516	37		4930-374-7634		78
3655-788-1126		44	4310-374-3070		64	4730-192-9452		74	4730-773-6882	57		4930-374-7637		78
3655-798-0598		44	4310-374-3072		64	4730-192-9472		74	4730-779-8100	72		4930-374-7889		77
3655-796-0968		85	4310-374-3074		58	4730-192-9476		10	4730-784-8898	39,41,		4930-374-7092		38
3095-209-8462		14	4310-374-3075		58	4730-192-9507		74		57,74,		4930-374-7095		38
4AC10858	97167	67	4310-374-3076		58	4730-196-1984		71		91		4930-374-7904		92
400X4	79470	16	4310-374-3077		62	4730-196-2055		80	4730-785-3468	85		4930-374-7909		78
4015C13	51240	30	4310-428-1972		67	4730-196-2082		51	4730-785-3469	85		4930-377-9031		76
4020-26-00	78189	10	4310-447-9069		67	4730-202-6669		72	4730-785-3474	51		4930-378-4110		58
4210-893-1092		93	4310-449-9809		67	4730-203-7089		14	4730-792-3480	77		4930-430-4153		78
4310-200-6012		69	4310-474-9084		67	4730-223-6411		57	4730-810-9803	69		4930-430-5034		56
4310-200-8999		64	4310-507-1875		62	4730-223-6422		57	4730-830-5356	82		4930-446-5966		51
4310-253-6952		69	4310-569-4109		62	4730-228-1622		56	4730-831-3681	80		4930-446-5967		51
4310-253-6953		67	4310-598-6766		67	4730-243-1484		57	48F	30327	69,72	4930-446-5968		48
4310-253-6954		64	4310-599-4593		67	4730-246-9200		72	4820-203-7575		67	4930-446-5969		48
4310-254-5678		65	4310-640-9303		64	4730-246-9215		64	4820-262-7393		76	4930-446-7459		12
4310-300-4369		74	4310-695-2612	63,64,		4730-246-9219		20	4820-262-7396	76,82		4930-495-5007		92
4310-353-5794		67		94		4730-249-1510		74	4820-275-2226		72	4930-495-5026		34
4310-353-5795		67	4310-695-2613		58	4730-249-3915		72	4820-276-9039		46	4930-496-7290	38,94	
4316-353-5796		64	4310-695-2618	62,63,		4730-249-3917		72	4820-353-3223		69	4930-533-3037		84
4310-353-5797		67		93		4730-249-9721		48	4820-447-9068		67	4930-533-3038		82
4310-353-5799		64	4310-698-7861		64	4730-250-8148		57	4820-533-3087		82	4930-533-3039		88
4310-353-5804		67	4310-698-7867		62	4730-265-6905		74	4820-785-8131		82	4930-533-3040		84
4310-353-5805		58	4310-718-6885		64	4730-265-9707		74	4910-204-2644		57	4930-533-3041		82
4310-353-5806		62	4310-718-9264		67	4730-277-5552		48	4910-277-9526		57	4930-533-3042		82
4310-353-5807		62	4310-718-9270		64	4730-277-8261		16,46	4930-024-2611		78	4930-533-3043		82
4310-353-5808		63	4310-722-5241		65	4730-277-8265		16,46	4930-024-2612		80	4930-533-3044		85

FEDERAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4930-202-35P

NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE
4930-533-3045		74	4930-765-2001		84	4930-798-8950		20	507639	97167	65	5305-010-0752		69
4930-533-3046		74	4930-765-2002		85	4930-799-5762		76	507645	97167	67	5305-010-0765		26
4930-533-3048		85	4930-765-2003		87	4930-802-2278		4157, 74,93	507980	97167	64	5305-010-0944		46,54
4930-533-3049		87	4930-766-4753		85			39,93	508-8	44940	30	5305-010-1136		48
4930-533-3050		78	4930-776-5322		44	4930-805-3342		31,34	508026	97167	72	5305-010-1988		31
4930-533-3051		74	4930-783-9245		82	4930-805-3343		49	500372	97167	72	5305-010-2707		88
4930-533-3052		91	4930-785-5003		84	4930-826-2349		46	508497	97167	74	5305-010-5110		38
4930-541-2706		85	4930-785-5084		91	4930-830-6592		58	508528	97167	72	5305-010-8763		23
4930-541-2707		87	4930-785-5091	80,91	87	4930-830-7831		88	508594	97167	74	5305-011-0487		72
4930-541-2708		87	4930-785-5092		57	4930-830-7833		82	508605	97167	67	5305-011-0505		69
4930-541-2709		85	4930-785-5093		91	4930-830-7834		84	508744	97167	72	5305-011-0985		54
4930-541-2710		87	4930-785-5094		69	4930-830-7835		22,23	508935	97167	72,74	5305-011-1684		51
4930-541-2711		87	4930-785-5095		91	4930-831-0161		22	508948	97167	64	5305-011-3231		54,82
4930-551-9116		85	4930-785-8022		88	4930-831-0162		37	50912A	76680	3	5305-011-3902		12
4930-572-2280		78	4930-785-8070		87	4930-831-1244		38,93	510P15	29337	18	5305-011-3958		6
4930-580-6507	74,91	41	4930-785-8075		41	4930-831-1245		38,94	5100	89463	78	5305-011-3961		16
4930-517-0319		80	4930-785-8077		39	4930-831-1246		53	5100-118	79136	12	5305-011-3975		62
4930-587-0326		87	4930-785-8078		39	4930-831-1247		31	5100-150	79136	3	5305-011-3983		30
4930-587-0341		92	4930-785-8079		39	4930-831-1248		88	510-14	44940	6,18	5305-011-7293		62,65
4930-587-0342		92	4930-785-8081		88	4930-831-1249		37	5106	89463	78	5305-011-7617		46,48
4930-604-37e8		80	4930-785-8083		78	4930-831-3971		80	511080	97167	69	5305-012-0628		10
4930-616-5739		80	4930-785-8084		87	4930-831-3973		39	511165	97167	62	5305-012-0706		51
4930-619-0489		84	4930-785-8085		87	4930-831-3974		72	511167	97167	58	5305-012-0757		23
4930-623-3421		91	4930-785-8086		92	4930-831-3975		82	511170	97167	64	5305-012-1926		49
4930-630-4452		87	4930-785-8087		85	4930-831-3976		58	511288	97167	69	5305-072-2159		26,34
4930-630-9805	39,57	91	4930-785-8088		91	4930-837-7832		72	511761	97167	74	5305-012-2433		1
4930-630-9806		85	4930-785-8089		80	4930-858-3252		12	511769	97167	62	5305-013-2046		67
4930-630-9820		82	4930-785-8090		85	4930-860-0447		54	5120	89463	78	5305-013-2688		28,41
4930-630-9821		88	4930-785-8091	80,91	54	4930-874-0562		54	512056	97167	69			54,85
4930-630-9822		84	4930-786-2891		14	4930-874-0563		64	515-1	44940	3,6	5305-013-2764		48
4930-630-9623		87	4930-786-3857		41	4930-887-5753		64	515-2	44940	23	5305-013-2900		12,65
4930-630-9825		88	4930-786-3858		82	4930-887-8890		92	515A110	44940	3	5305-013-9031		65
4930-630-9826		80	4930-789-0702		14	4930-889-9537		34	515A57	44940	65	5305-014-2611		69
4930-630-9827		78	4930-789-0712		77	4930-978-0573		57	516-117	44940	6,18	5305-014-5183		31
4930-651-8533		57	4930-790-4609		78	4940-785-5081		64	516-36	44940	18	5305-014-5370		64
4930-653-1723		85	4930-793-9519		85	5000-112	97167	64	516-37	44940	20	5305-015-6466		23
4930-654-3556		49	4930-793-9520		78	5000-131	79136	12	516A11	44940	1	5305-017-1342		54,85
4930-654-3557	57,78,	80	4930-793-9521		78	5000-244	79136	82	516A12	44940	1			88
		80	4930-795-0373		82	501A3	44940	82	520A11	44940	3	5305-017-5156		92
4930-654-3558		65	4930-795-0374		82	501A4	44940	84	520A114	44940	3	5305-017-5200		18,38
4930-682-4732		85	4930-795-0375		82	502-5	44940	87	520A115	44940	3			39,80
4930-682-4749		85	4930-795-0377		84	503A163	44940	87	520A124	44940	3	5305-017-9791		23,31
4930-691-8134		92	4930-795-0378		87	505-10	44940	80	520A361	44940	12			51
4930-691-8139		92	4930-795-0395		80	505-110	44940	82	520A415	44940	6	5305-017-9797		14
4930-691-8143		92	4930-795-0405		91	505-223	44940	62	520A423	44940	3	5305-017-9841		14
4930-691-8144		80	4930-795-0406		87	505-28	44940	67	520A424	44940	3	5305-017-9843		1
4930-691-8145	16,91,	94	4930-795-0407		85	507028	97167	67	520A461	44940	26	5305-017-9849		29
		58	4930-795-0409		82	507051	97167	69	520A9	44940	3	5305-018-0016		14
4930-691-8149		84	4930-795-0410		78	507054	97167	58,65	526-116	44940	18	5305-018-1313		26
4930-691-8157		78	4930-795-0411		77	507056	97167	64	526-14	44940	26	5305-018-1381		14
4930-691-8161		58	4930-795-0412		14	507207	97167	58,62	526-16	44940	26	5305-018-1407		58
4930-691-8175		58	4930-796-4010		12	507209	97167	69	526-63	44940	9,16	5305-018-1732		64
4930-691-8176		58	4930-796-8677		65	507218	97167	67	526-66	44940	10	5305-019-1245		44,51
4930-712-9343		36	4930-798-1313		67	507239	97167	64	526A122	44940	3	5305-021-4429		22
4930-731-8363		76	4930-795-1326		72	507284	97167	67	526A30	44940	29	5305-022-8322		28,44
4930-744-6278		57	4930-795-1330		65	507295	97167	67						48,49
4930-765-1992		91	4930-796-1331		80	507345	97167	65	5305-010-0737		67	5305-042-0450		28
4930-765-1993		80	4930-798-8946		53	507406	97167	65	5305-010-0749		28	5305-042-0461		51
4930-765-1995		65	4930-798-8947		53	507419	97167	62	5305-010-0750		46	5305-042-1572		54
4930-765-1999		53	4930-798-8949		53	507476	97167		5305-010-0751		67	5305-042-2426		22

FEDERAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4930-202-35P

NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE
5305-042-2836		23	5306-639-4919		62,63	5310-012-1743		58	5310-209-1239		48	5310-830-7821		76
5305-042-4503		51	5306-785-5078		82	5310-012-1752		12	5310-221-4797		37	5315-010-3363		39,41
5305-042-4773		48	5306-831-3944		76	5310-012-1753		14,31,	5310-261-7340		14,65	5315-011-2526		12,91
5305-043-5889		38	5307-014-8090		3			34,51,	5310-265-9215		10	5315-011-2726		18,20
5305-043-6665		20	5307-044-6550		3			53,65,	5310-266-0351		31	5315-012-1223		3
5305-043-6730		31	5307-254-0779		3			72,92	5310-266-0385		34,37,	5315-013-7185		62,84
5305-059-7930		22	5307-261-0412		3	5310-012-1801		12,49			51,74,	5315-013-7204		84
5305-206-8263		28	5307-358-3557		3	5310-012-4818		23,30,			92	5315-014-1185		38
5305-207-8253		67	5307-358-3559		6			51	5310-266-0386		39,76	5315-014-1199		31,34
5305-208-1396		57	5307-393-7155		3	5310-012-5751		58	5310-266-0387		1	5315-014-1226		1
5305-208-4583		23	5307-493-7156		3	5310-013-1044		49	5310-266-0433		80,82,	5315-050-5484		78
5305-226-9268		39,41,	5307-493-7159		3	5310-013-1096		23			85	5315-050-5755		65
		54	5307-627-3141		3	5310-013-1420		30	5310-269-5965		73	5315-054-2683		3
5305-245-0488		38	5307-785-0623		12	5310-013-3530		46,49	5310-275-5306		62	5315-058-9767		91
5305-276-8026		93	5307-826-2343		26	5310-013-4551		49	5310-281-1238		23	5315-059-0149		67,93
5305-281-6387		29	5307-831-3945		18	5310-013-8479		26,31,	5310-282-6399		23	5315-059-0208		20,49
5305-282-0997		54,88	5310-010-3088		6,18			44,46,	5310-285-1591		29	5315-274-4364		62
5305-286-1492		51	5310-010-3091		20,39,			53,65	5310-331-7388		3	5315-276-4403		69
5305-286-1494		31,34,			41, 53	5310-013-8485		18,38,	5310-350-3031		3	5315-276-4705		65
		53,65,						39,80	5310-358-3036		1,3,	5315-281-7627		58
		72	5310-010-3105		69	5310-013-8538		3,6,			6,20,	5315-324-9684		12
5305-286-1948		28	5310-010-3128		51			29	5310-353-3799		5	5315-424-5597		12
5305-266-1952		49	5310-010-3319		10,14,	5310-013-8538		3, 6,	5310-366-7158		28	5315-424-5598		12
5305-290-3014		54			26,39,			29	5310-429-2571		18	5315-424-5599		12
5305-333-5038		41,54			67,69	5310-013-8542		10	5310-442-9410		9,16	5315-424-5604		14
5305-364-7177		6,18	5310-010-3320		12,20,	5310-014-2247		6	5310-448-5484		28	5315-493-7116		1
5305-377-6221		64			39,63,	5310-017-3128		58,65	5310-476-2580		26	5315-496-7240		93
5305-429-2509		10			64,69,	5310-017-4916		23,30,	5310-476-2581		23	5315-533-3019		84
5305-430-1853		14			76,87			51,53,	5310-496-2581		92	5315-500-2934		91
5305-441-4644		51	5310-010-3322		26	5310-017-8378		76,93	5310-496-7244		26	5315-616-5655		6,10
5305-446-7447		18	5310-010-6495		41,87	5310-017-8532		1	5310-520-3925		46,49	5315-715-1699		3,6
5305-506-5635		67	5310-010-6496		67,69	5310-017-8551		10,29	5310-527-3290		B87	5315-721-5405		23
5305-531-1356		46	5310-010-6497		6,18,	5310-017-8556		72	5310-541-2684		08	5315-751-89-9		37
5305-531-1783		10			65,67,	5310-017-8591		1,18,	5310-541-2686		65	5315-798-1272		37
5305-543-2281		29			69	5310-022-1123		41,53	5310-582-5676		53	5315-830-7820		58
5305-551-7044		64	5310-011-0633		31,51	5310-042-4229		76	5310-582-5965		1,34,	5315-830-7820		58
5305-558-3012		67	5310-011-0730		38	5310-042-6324		53	5310-582-5977		39,41,	5315-099-2864		84
5305-558-3677		23,30	5310-011-4604		18,26,	5310-050-3250		18			53,57	5320-011-0790		62
5305-558-3692		72			34	5310-050-3262		46	5310-596-4569		3	5325-050-2857		46
5305-577-5462		58,65	5310-011-4777		46	5310-050-3383		62,63	5310-616-6948		48	5325-276-6057		31
5305-582-8545		62,69	5310-011-5543		20,39,	5310-050-3574		65	5310-616-6949		48	5325-281-4368		30
5305-591-3435		45			41,54	5310-058-3597		54	5310-619-3556		78	5325-378-3941		85
5305-591-3435		91			72	5310-058-3651		34	5310-638-2587		39	5325-599-9259		44
5305-623-3422		65	5310-011-5545		23	5310-141-1582		87	5310-639-2587		39	5325-741-7433		44,46,
5305-685-1344		18,38,	5310-011-5548		57	5310-141-1744		88,91	5310-654-5534		44,53			93
5305-733-2265		39,80	5310-011-5549		37	5310-186-7410		29	5310-655-9544		38,65	5330-033-5115		92
		10	5310-011-5554		10	5310-187-2436		54	5310-655-9647		31,57	5330-154-0903		3,6
5305-840-0964		34,41	5310-012-0214		16	5310-187-5342		39	5310-682-5831		58	5330-179-0851		3
5305-895-3256		38	5310-012-0361		44	5310-187-5344		80	5310-696-5371		48	5330-187-2962		20
5306-014-7540		39	5310-012-0368		12,14	5310-187-5347		38,72,	5310-696-5675		6	5330-194-3711		80,84,
5306-018-0081		5	5310-012-0369		12			76	5310-696-5678		3			94
5306-206-3961		62	5310-012-0370		6,23	5310-189-2436		41	5310-715-9324		87	5330-197-9576		85
5306-282-9639		20	5310-012-0375		49	5310-194-0743		69	5310-715-9327		88	5330-233-5846		14,64,
5306-282-9645		31	5310-012-0376		23,51,	5310-194-1540		69	5310-715-9328		87			93
5306-441-4643		14,58			78	5310-197-3121		23	5310-721-5940		92	5330-233-5047		65,93
5306-543-2506		12	5310-012-0377		57	5310-205-7980		29	5310-758-3394		23	5330-245-5447		92
5306-550-1199		64	5310-012-0399		34	5310-205-7981		29	5310-789-0671		82	5330-246-4836		38
5306-550-1209		84	5310-012-0614		51	5310-205-9873		57,78	5310-789-0671		82	5330-247-5979		92
5306-577-5458		76	5310-012-0619		69	5310-209-0375		18	5310-794-8555		29	5330-256-6993		78
5306-577-5459		14				5310-209-0709		23,30	5310-810-7081		78	5330-265-3100		92
5306-637-8432						5310-209-0711		9,26						

FEDERAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4930-202-35P

NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE	NUMBER	CODE	PAGE
5330-283-0740		80	5340-281-6490		3	5930-392-5329		49	6145-299-4458		46,49,	850-30	44940	6,18
5330-283-0741		80	5340-281-6497		12	5930-446-5991		53			93	850-40	44940	26
5330-291-4650		78	5340-282-2435		20	5930-501-0087		51	6145-331-2295		57,93	850-45	44940	20
5330-291-7292		85	5340-358-1476		67	5930-615-9376		46	6145-509-2683		93	850-55	44940	26
5330-291-9237		6,18	5340-358-5073		18	5930-669-8287		49	6145-519-2683		30,31,	853-11	44940	58
5330-297-4515		18	5340-378-4172		58	5930-798-1339		53			34	853-13	44940	18
5330-297-6556		46	5340-446-9730		69	5935-201-4161		44	6145-643-2498		31,93	853-8	44940	26
5330-298-5554		67	5340-527-1787		64	5935-306-1868		48	6145-660-8933		46,48,	854-17	44940	3,6,
5330-321-7542		1,26	5340-533-3047		39,93	5935-636-5989		46			49,93			29
5330-354-3138		1,16	5340-598-6312		18	5940-050-6208		44,46	6240-153-6494		57	854-20	44940	10
5330-429-2505		1, 6	5340-598-6393		23	5940-050-6209		29,30	6240-155-8714		44	856-10	44940	29
5330-429-2536		1,10	5340-616-5740		85	5940-050-6221		29,31	6625-252-5545		30	856-8	44940	23
5330-447-9066		67	5340-623-3169		9	5940-050-7097		46,48,	6680-830-3795		64	860-12	44940	58
5330-515-4123		85	5340-691-0822		87			49	6680-830-9980		10	868-4	44940	23
5330-541-2687		80	5340-691-8136		37	5940-193-0006		49	6685-264-3961		57	870-53	44940	6,18
5330-551-8252		85	5340-691-8147		58	5940-271-9704		30,31	6685-276-9237		57	890-131	44940	18
5330-585-9232		84	5340-691-8154		72	5940-533-3079		31,34	68F	30327	64	901529	97167	69
5330-585-9235		84	5340-691-8159		92	5940-636-5344		57	6810-249-9354		34,93	902015	97167	65,67,
5330-585-9236		85	5340-691-8164		92	5945-258-5755		48	69F	30327	72			69
5330-587-0315		80	5340-798-1310		34	5960-521-0222		49	70-165-30	25980	76	902016	97167	67
5330-640-9100		78	5340-798-1314		53	5970-503-0174		31,93	702057	97167	65,76	902017	97167	63,64
5330-691-8141		58	5340-798-1316		1	5975-284-7341		22,53,	72A351	77220	62	902018	97167	65
5330-691-8165		58,91	5340-798-1317		31,53			93	72A352	77220	62	90217	97167	69
5330-825-1964		76	5340-798-8945		41	5977-342-0942		23	8S4U	82796	28	902402	97167	67,69
5335-778-2801		10	5340-827-7247		69	5977-617-1350		23	8S5X	82796	28	902715	97167	62
5335-830-9983		29	5816X4	79470	16	5995-620-9128		48	8S6G	82796	28	902769	97167	67
5340-025-3310		91	5822X4	79470	16	6FA6UFS	70434	38,91	800-3	44940	23	902770	97167	67
5340-057-2910		20	5905-100-4589		23,30	6MA6UFS	70434	74,91	800-56	44940	10,29	902772	97167	69
5340-143-5280		29	5905-101-5432		23,30	6S4L	82796	28	801-30	44940	20	903511	77220	62
5340-200-7019		80	5905-371-6809		48	6S6U	82796	28	801-5	44940	26	903513	77220	62
5340-200-7115		78	5910-161-6876		23,34	61-109	25980.	41,57,	812-148	44940	18	903956	97167	64
5340-205-5136		5	5910-679-5893		29			74	812-155	44940	16	903956	97167	58,65
5340-205-5511		41	5912	81646	20,41,	6110-557-7089		44	813-102	44940	26	906202	97167	69
5340-205-6186		49			53	6110-585-5651		46,54	813-172	44940	22	9390-202-1641		44
5340-246-7623		93	5925-159-0274		44	6115-324-1030		44	813-177	44940	22	99A148	44940	12
5340-253-6096		38	5930-253-1635		30	6115-597-9826		49	8135-653-2469		87	9905-807-3712		54
5S40-281-6478		64	5930-274-5124		30	6140-057-2554		31	815-32	44940	23	99506	43334	12
5340-281-6484		12	5930-371-4603		72	6145-164-6948		29,30,	815-54	44940	18			
								93						

By Order of the Secretary of the Army:

EARLE G. WHEELER,
General, United States Army,
Chief of Staff.

Official:

J. C. LAMBERT,
Major General, United States Army,
The Adjutant General.

DISTRIBUTION:

Active Army:

USASA (2)	Div Engr (2)
DCSLOG (1)	Engr Fld Maint Shops (2)
CNGB (1)	USAERDL (3)
TSG (1)	Engr Cen (5)
CofEngrs (3)	AMS (3)
CSigO (1)	Chicago Engr Proc Ofc (10)
CofT (1)	USA Mbl Spt Cen (36)
USA Maint Bd (1)	ESCO (10)
USAARTYBD (2)	Fld Comd, DASA (8)
USAARMBD (2)	USACOMZEUR (2)
USAIB (2)	USAREUR Engr Sup Con Agcy (10)
USARADB (2)	USAREUR Engr Proc Cen (2)
USA Abn Elct & SPWAR Bd (2)	MAAG (1)
USAAVNBD (2)	JBUSMC (1)
USCONARC (3)	Units org under fol TOE:
USAMC (5)	(2 cy ea UNOINDC)
OS Maj Comd (5) except	5-5
USARJ (10)	5-6
MDW (1)	5-15
Armies (2)	5-16
Corps (2)	5-48
USA Corps (1)	5-114
Div (2)	5-115
Engr Bde (1)	5-117
USMA (2)	5-129
Svc Colleges (2)	5-214
Br Svc Sch (2) except	5-237 (5)
USAES (20)	5-262 (5)
GENDEP (OS) (10)	5-267 (1)
Engr Dep (OS) (10)	5-278 (5)
Army Dep (2)	5-279
USA Trans Tml Comd (2)	29-52 (1)
Army Tml (1)	29-56
USAOSA (2)	29-57
Engr Dist (2)	

NG: State AG (3).

USAR: Units-Same as Active Army except allowance is one copy to each unit.

For explanation of abbreviations used see AR 320-50.

* U.S. GOVERNMENT PRINTING OFFICE : 1993 O - 342-421/80591

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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

SOMETHING WRONG WITH PUBLICATION

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.

The Metric System and Equivalents

Linear Measure

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

Weights

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

Liquid Measure

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

Square Measure

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

Cubic Measure

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

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	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

PIN : 005944 - 000