

TM 5-6115-241-20P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOL LISTS

GENERATOR SET, DIESEL ENGINE: 15 KW,
AC, 120/208, 240/416 V, 3 PHASE, 60 CYCLE,
CONVERTIBLE TO 12.5 KW, 240/416 V,
3 PHASE, 50 CYCLE; SKID MOUNTED
(JETA MODEL MD-151815-W)
FSN 6115-653-5634



HEADQUARTERS, DEPARTMENT OF THE ARMY
JULY 1963

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WASHINGTON 25, D. C., 11 July 1963

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*This manual supersedes TM 5-6115-241-20P, 21 June 1960, including C 1, 27 July 1961.

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SECTION 1

INTRODUCTION

1. General

a. This manual lists the special tools and quantities of repair parts authorized and required to be stocked by organizational maintenance echelons as their prescribed load. Repair parts not authorized for stockage but which may be required to perform maintenance of the equipment are listed with no quantities shown. Information and data shown herein serve as requisitioning reference material, and as a guide to determine quantities of repair parts required for stockage.

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 within the numbered functional groups.
- (2) Assembly components and subassemblies are indented and listed alphabetically 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 6,000 hours operation per year.

2. Explanation of Repair Parts, Tool Lists, and Prescribed Load Listing (Table 1)

a. *Source Codes.* This column is subdivided into four columns.

- (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 re-

sponsibility. 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
- 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 carries 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 manufacture, assemble, and/or install the part is indicated by the code symbol:

O—Organizational Maintenance (1st and 2d echelons). Capabilities of higher maintenance echelons are considered equal or better.

- (b) This column is 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 and/or tool and equipment items 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 normally are 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 normally are 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 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.* If 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. *15-Day Organizational Maintenance Allowance.* Shown for each repair part is either a quantity or an asterisk allocation which indicates the following:

- (1) A quantity is shown for each repair part authorized to be stocked as the prescribed load. This quantity is based on past experience with similar items and the latest mortality data for 6,000

hours operation per year. It is the average quantity required to provide organizational maintenance for 1-5 and/or 6-10 items of equipment for a 15-day period under average combat conditions.

Note. Combat essential items which must be stocked or on order at organizational maintenance at all times, regardless of demand, will be identified in the allowance column by a quantity in parentheses.

Table I is the prescribed load listing of items quantitatively allocated in this technical manual and lists the combat essential items required to support the end item of equipment. Repair parts required to perform organization maintenance, which are not authorized for stockage, are identified by an asterisk in Section II, and are to be requisitioned for immediate use only.

Table I. Prescribed Load Listing

Federal stock No.	Description	Functional group	Minimum stockage authorization	Unit of issue	15-day organizational maintenance allowances	
					1-5	6-10
2815-701-6857	GASKET: bracket mtg (28265) 255252A.....	0108				1
2815-702-2205	GASKET SET: valve grinding (28265) 260996-AS.	Q100			1	1
2815-705-2861	PARTS KIT, ENGINE OVERHAUL (28265) 256999AS.	0100			1	1
2910-269-7126	BOWL, SEDIMENT, FUEL (78480) OW363...	2207			1	1
2910-554-8690	FILTER ELEMENT, FUEL PRESSURE (73370) 5739.	0309			3	5
2910-640-9401	GASKET: fuel filter cover (73370) 13896.....	0309			3	5
2920-536-5413	REPAIR KIT, GENERATOR (16764) 1939192.	0601			1	1
2920-640-7504	REGULATOR, ENGINE GENERATOR (16764) 1118789.	0602				1
2920-677-8884	PARTS KIT, STARTER MOTOR (16764) 1947334.	0602				1
2930-572-6148	THERMOSTAT, SHUTTER CONTROL: 175 deg (96309) 328A.	0506				1
2930-776-0492	GASKET.....	9901			1	2
2940-426-2010	FILTER ELEMENT, FLUID PRESSURE: oil filter (73370) C21P.	0108			13	25
3030-691-5490	BELT, FAN DRIVE (28265) 48375B.....	0505			(1)	(1)
4330-277-1700	FILTER ELEMENT, FUEL, FLUID PRESSURE (73370) 5272.	0309			3	5
5330-247-4193	WASHER, NONMETALLIC: air cleaner element (70040) 1526269.	0304			3	5
5330-256-7003	GASKET: companion flange (28265) 40819A...	0110			1	1
5330-641-1599	WASHER, NONMETALLIC: fuel oil filter (73370) 101489.	0309			3	5
5910-127-8429	CAPACITOR, FIXED, PAPER DIELECTRIC: voltage regulator (14655) CA472.	4019			(1)	(2)
5910-127-8448	CAPACITOR, FIXED PAPER DIELECTRIC: 1 μ f, 100v (14655) CA442.	0615			(1)	(1)

Table I. Prescribed Load Listing—Continued

Federal stock No.	Description	Functional group	Minimum stockage authorization	Unit of issue	15-day organizational maintenance allowances	
					1-5	6-10
5910-280-9984	CAPACITOR, FIXED, PAPER DIELECTRIC: load terminals (14655) CA475.	4019	.....	.....	(1)	(1)
5920-012-0114	FUSE, CARTRIDGE: 30 amp (71400) AGC30.	0608	.....	.....	(1)	(1)
5920-539-7845	FUSE, CARTRIDGE: 15 amp 250v (71400) ABC15.	4011	.....	.....	(1)	(1)
5920-729-8584	FUSE, CARTRIDGE: 10 amp 125v (71400) GLH10.	4011	.....	.....	(2)	(5)
6115-691-5488	IGNITER ASSEMBLY (11583) AG8X1.....	2207	.....	.....	1	1
6240-155-7866	LAMP, INCANDESCENT: panel light 24v (GE) (71744) 356.	4009	.....	.....	1	3
6240-155-8714	LAMP, INCANDESCENT: pilot light, 24v (24455) 313.	2207	.....	.....	1	1
6240-779-8115	LAMP, GLOW: synchronizing (84258) 329....	4009	.....	.....	1	3

(2) The quantities listed in table I are for one prescribed load for a 15-day period. A minimum stockage sufficient to repair one item and/or assembly is authorized (e.g., if 3 belts are required, then 3 belts are allocated as the minimum stockage). This quantity will be indicated in the minimum stockage authorization column. The quantities contained in the prescribed load must be on hand or on order at all times. Units and organizations authorized additional prescribed loads will multiply the number of prescribed loads by the appropriate end item spread column of 1-5 or 6-10. When more than 10 equipments are authorized, multiply the quantity authorized in the 6-10 density spread column by the number of equipments and the number of prescribed loads, divide by 10, and round to the nearest whole number. *Example:* If the density spread is 4, the number of equipments is 17, and the number of prescribed loads is 1, the following formula would be used:

$$4 \times 17 \times 1 \div 10 = 6.8$$

The resulting fraction is 0.8; therefore the stockage is 7.

Example: If the density spread is 4, the number of equipments is 17, and the number of prescribed loads is 3, the following formula would be used:

$$4 \times 17 \times 3 \div 10 = 20.4$$

The resulting fraction is 0.4; therefore, the stockage is 20.

Note. An exception is made for those units and organizations required to have on hand, boxed or packaged prescribed load(s) pursuant to a special mission assignment. Such prescribed load(s) will be computed or selected separately from quantities authorized for stockage at permanent station.

(3) Subsequent changes to allowances will be limited as follows:

- (a) No decrease in the stated quantity of combat essential items is authorized.
- (b) No change in the range of items is authorized. If exception to the prescribed load listing or revision to allowances is considered necessary, a recommendation should be forwarded to the U.S. Army Mobility Support Center (par. 6).
- (c) Decreases in the stated quantity of items other than combat essential items are authorized to a minimum quantity of one and increases in the stated quantity are authorized for all items when justified by demand and usage experience. Detailed procedures for performing these adjustments are prescribed in AR 735-35.

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

(1) *Figure number.* Indicates the num-

ber 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. Abbreviations

ac	.....	alternating current
amp	.....	ampere(s)
dc	.....	direct current
deg	.....	degree(s)
dpdt	.....	double-pole, double-throw
ft	.....	foot (feet)
gal	.....	gallon(s)
in.	.....	inch(es)
lg	.....	long (length)
lh	.....	left hand
mtg	.....	mounting(s)
No.	.....	Number(s)
psi	.....	pounds per square inch
rh	.....	right hand
sh	.....	sheet(s)
μ f	.....	microfarad(s)
V	.....	volt(s)
w/	.....	with

5. Federal Supply Code for Manufacturers

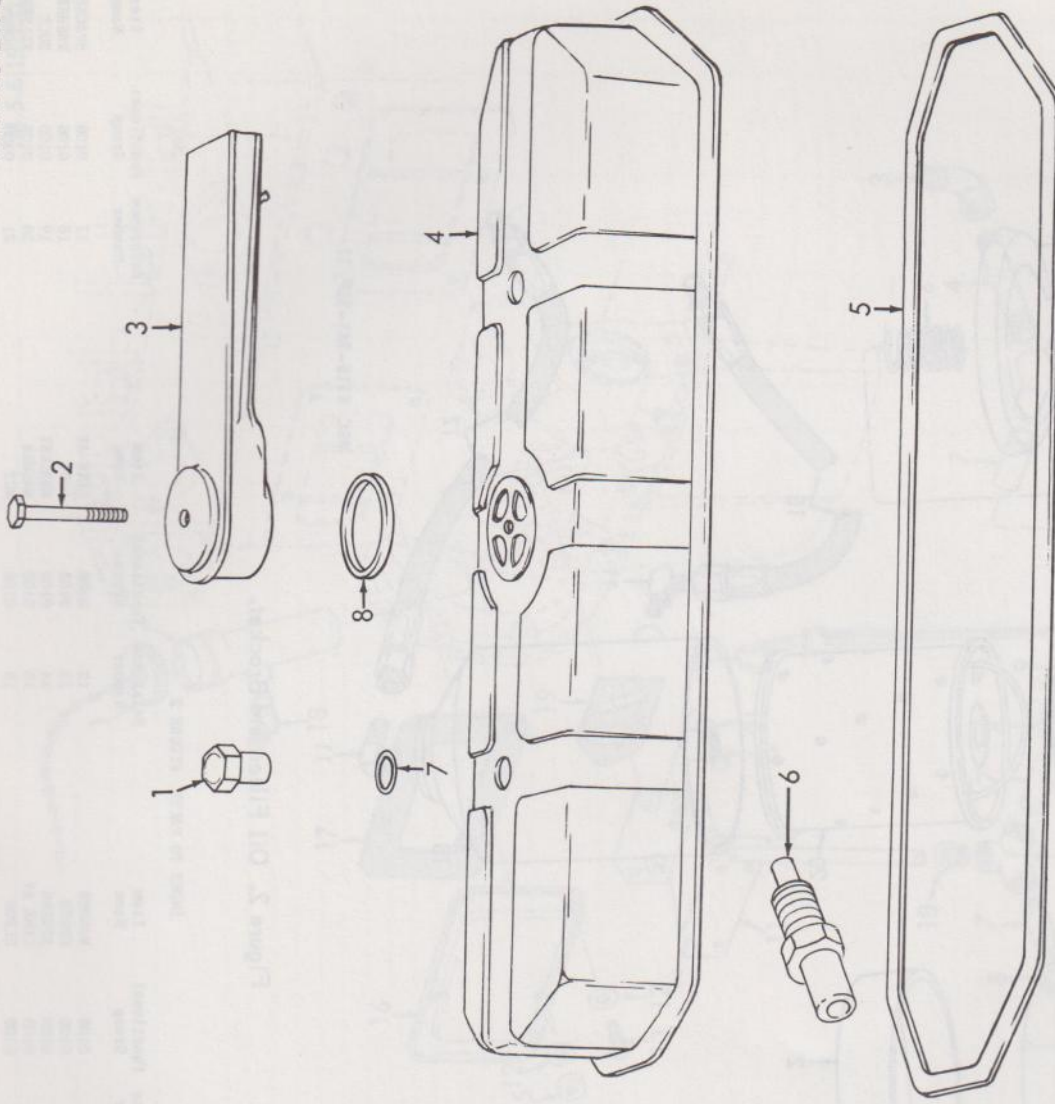
00624	....	Aeroquip Corp.
01675	....	Benmar Co.
11583	....	Champion Spark Plug Co.
13445	....	Cole Hersee Co.
14655	....	Cornell Dubilier Electric Corp.
16764	....	Delco Remy Division of General Motors Corp.
17419	....	Deutsch Co., The
24446	....	General Electric Co.

24455	....	General Electric Co., Lamp Division of Consumer Products Group
28265	....	Hercules Motors Corp., The
51240	....	Rochester Mfg. Co., Inc.
53591	....	Schwitzer Corp.
57737	....	Sticht, Herman H., Co., Inc.
63743	....	Ward, Leonard, Electric Co.
70040	....	AC Spark Plug Division of General Motors Corp.
70411	....	Anderson Brass Co.
70436	....	Arens Controls, Inc.
71400	....	Bussmann Fuse Division of McGraw-Edison Co.
71744	....	Chicago Miniature Lamp Works
71785	....	Cinch Mfg. Corp.
72619	....	Dialight Corp.
73370	....	Fram Corp.
73978	....	Hardwick Hindle, Inc.
75382	....	Kulka Electric Mfg. Co., Inc.
75582	....	Leviton Mfg. Co.
76385	....	Minor Rubber Co., Inc.
78480	....	Tillotson Mfg. Co., The
79470	....	Weatherhead Co., The
79497	....	Western Rubber Co.
81118	....	Eaton Mfg. Co.
81155	....	Eaton Mfg. Co. Stamping Division
81646	....	Ideal Corporation
81780	....	Benmar Mfg. Co., Inc.
82168	....	Dossert Mfg. Corp.
82647	....	Metals and Controls, Inc., Spencer Products
84134	....	Ampco Sales Corp.
84258	....	Avon Electrical Supplies, Inc.
84760	....	Hartford Machine Screw Co.
85919	....	Electrical Products Corp.
87312	....	Southern Weaving Co.
94222	....	Southco Division of South Chester Corp.
95875	....	Hallett Mfg. Co., Shielding Division
96309	....	Cadillac Co., Inc.
97478	....	Jeta Metal Fabricators, Inc.

6. Comments and Suggestions

Report all deficiencies in this manual on DA Form 2028. (Recommended Changes to DA Technical Manual Parts Lists or Supply Manual, 7, 8 or 9). 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-MM, P. O. Box 119, Columbus 16, Ohio. Direct communication is authorized.

TECHNICAL SERVICE	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
	RECOVERABILITY	MAINTENANCE	SOURCE						15 DAYS ORGANIZATIONAL MAINTENANCE		FIG. NO.		ITEM NO.
									1-5 EQP	6-10 EQP			
					0105 - VALVES, CAMSHAFTS AND TIMING SYSTEM								
9	X2	0		5306-010-0121	BOLT, MACHINE: cover mtg	(28265) 79A	2	2	*	*	3	14	
	X2	0		2815-786-2917	COVER, PUSH ROD CHAMBER: side cover	(28265) 255002A	2	2	*	*	3	16	
	X2	0		2815-786-4056	COVER, ROCKER ARM	(28265) 255201D	1	1	*	*	1	4	
	X2	0		5330-253-1076	GASKET: cover mtg nut	(28265) 4993A	2	2	*	*	1	7	
	X1			5330-251-4417	GASKET: cover plate screw	(28265) 76109A	8	8			3	12	
	X1			2815-649-8434	(Component of PARTS KIT, Stock No. 2815-705-2861, See Group 0100)	(28265) 255213C	1	1			1	5	
	X1			2815-678-1158	(Component of GASKET SET, Stock No. 2815-702-2205, See Group 0100)	(28265) 255652A	2	2			3	17	
	X2	0		5310-703-8211	(Component of PARTS KIT, Stock No. 2815-705-2861, See Group 0100)	(28265) 203045A	2	2	*	*	1	1	
	X2	0		5305-017-9837	NUT, VALVE COVER MOUNTING: special	(28265) 4385A	6	6	*	*	3	13	
					0108 - ENGINE LUBRICATION SYSTEM								
	X2	0		4730-391-3771	ADAPTER, STRAIGHT, PIPE TO TUBE: crankcase breather to manifold	(79470) 48X4A	1	1	*	*	4	2	
	X2	0		5306-010-0121	BOLT, MACHINE: filter mtg	(28265) 79A	4	4	*	*	2	19	
	X2	0		2910-860-0306	BRACKET, FILTER MOUNTING	(28265) 260254B	1	1	*	*	2	14	
	X2	0		2815-786-4058	BRACKET, FUEL FILTER, OIL FILTER INLET	(28265) 260593B	1	1	*	*	3	11	
	X1				BREATHER ASSEMBLY	(28265) 255655C	1	1	*	*	1	3	
	X2	0		5305-017-9892	GASKET: breather	(28265) 33180A	1	1			1	8	
	X2	0		4730-289-5910	(Component of PARTS KIT, Stock No. 2815-705-2861, See Group 0100)	(28265) 202084A	1	1	*	*	1	2	
	X2	0		4730-253-4415	SCREW, CAP, HEXAGON HEAD: breather mtg	(97478) JCI1216	1	1	*	*	3	1	
	X2	0		4730-826-0925	CAP, OIL FILLER	(28265) 255163B	4	4	*	*	3	8	
	X2	0		4730-277-8261	CLAMP, HOSE: oil drain		1	1	*	*	3	3	
	X2	0		2940-358-2536	DIPSTICK, BAYONET GAGE		1	1	*	*	3	3	
	X2	0		2940-393-5988	ELBOW, PIPE: oil drain (GE)		1	1	*	*	3	3	
	X2	0		5306-374-1121	ELBOW, PIPE: oil drain		2	2	*	*	3	5	
	X2	0		2940-253-7257	ELBOW, PIPE TO TUBE: crankcase breather	(79470) 5353X4	1	1	*	*	3	18	
	X2	0		5310-262-3000	ELBOW, PIPE TO TUBE: filler inlet and outlet	(79470) 49X4	2	2	*	*	2	11	
	P			5310-010-5616	FILTER, FLUID PRESSURE: oil	(73370) 7407	1	1	*	*	2	13	
	X2	0		5305-011-3976	BODY, OIL FILTER	(73370) 5310	1	1	*	*	2	13	
	X2	0		2940-374-1121	COVER ASSEMBLY, OIL FILTER	(73370) 5241	1	1	*	*	2	7	
	X1			2940-752-9093	BOLT, SHOULDER: cover mtg	(73370) 11580	1	1	*	*	2	9	
	X2	0		2940-253-7257	COVER, OIL FILTER	(73370) 11559	1	1	*	*	2	10	
	X2	0		5310-262-3000	SPRING, HELICAL, COMPRESSION: filter cover	(73370) 11583	1	1	*	*	2	8	
	P			2940-426-2010	WASHER, FLAT: cover bolt	(73370) 11581	1	1	*	*	25	20	
	X2	0		5310-010-5616	FILTER ELEMENT, FLUID PRESSURE: oil filter	(73370) C21P	1	1	*	*	2	4	
	X2	0		5305-011-3976	NUT, PLAIN, SQUARE: filter to strap	(73370) 12384	2	2	*	*	2	1	
	X2	0		2940-391-3330	SCREW, MACHINE: filter to strap	(73370) 109024	2	2	*	*	2	1	
	X2	0			STRAP, BRACKET, OIL FILTER	(73370) 102153	2	2	*	*	2	2	

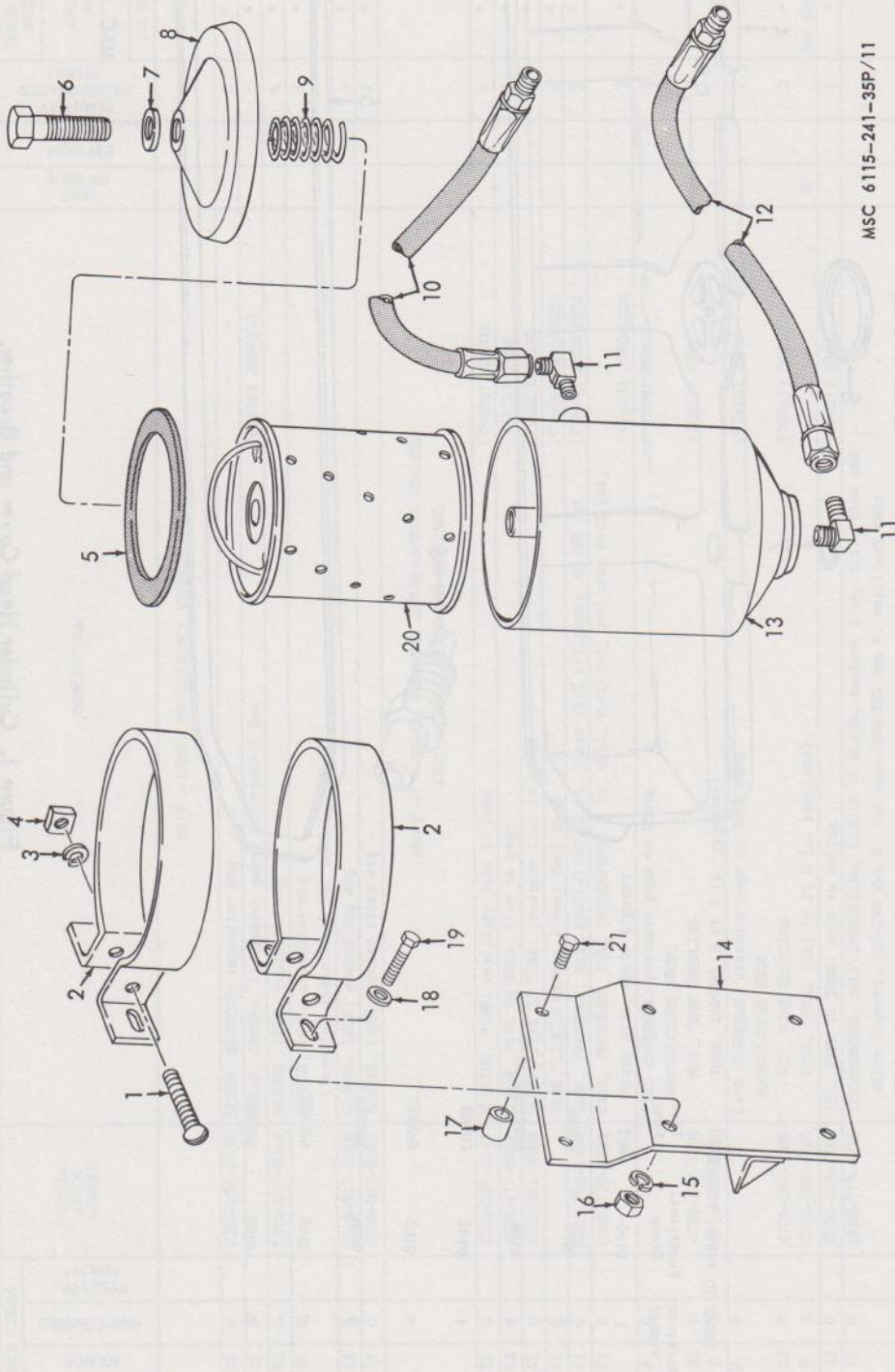


INDEX TO PARTS, FIGURE 1

Reference Number	Functional Group	Item Name
1	0105	NUT
2	0108	SCREW
3	0108	BREATHER AY
4	0105	COVER
5	0105	GASKET
6	0606	SWITCH
7	0105	GASKET
8	0108	GASKET

MSC 6115-241-35P/10

Figure 1. Cylinder Head Cover and Breather.

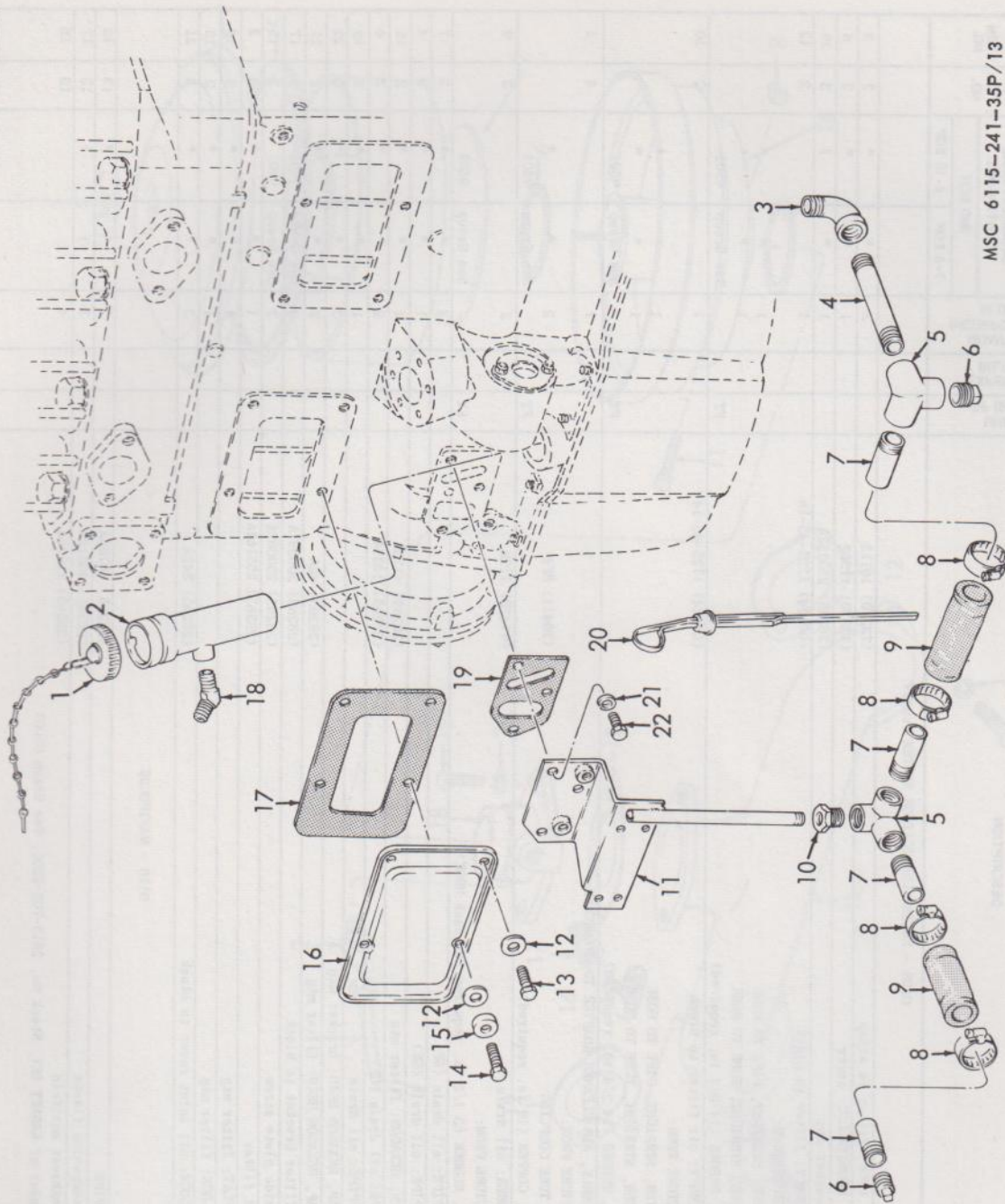


MSC 6115-241-35P/11

Figure 2. Oil Filter and Bracket.

INDEX TO PARTS, FIGURE 2

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0108	SCREW	7	0108	WASHER	12	0108	LINE AY
2	0108	STRAP	8	0108	COVER	13	0108	BODY
3	0108	WASHER	9	0108	SPRING	14	0108	BRACKET
4	0108	NUT	10	0108	LINE AY	15	0108	WASHER
5	0108	WASHER	11	0108	ELBOW	16	0108	NUT
6	0108	BOLT						
			17	0108	SPACER	17	0108	SPACER
			18	0108	WASHER	18	0108	WASHER
			19	0108	BOLT	19	0108	BOLT
			20	0108	FILTER ELEMENT	20	0108	FILTER ELEMENT
			21	0108	SCREW	21	0108	SCREW



INDEX TO PARTS, FIGURE 3

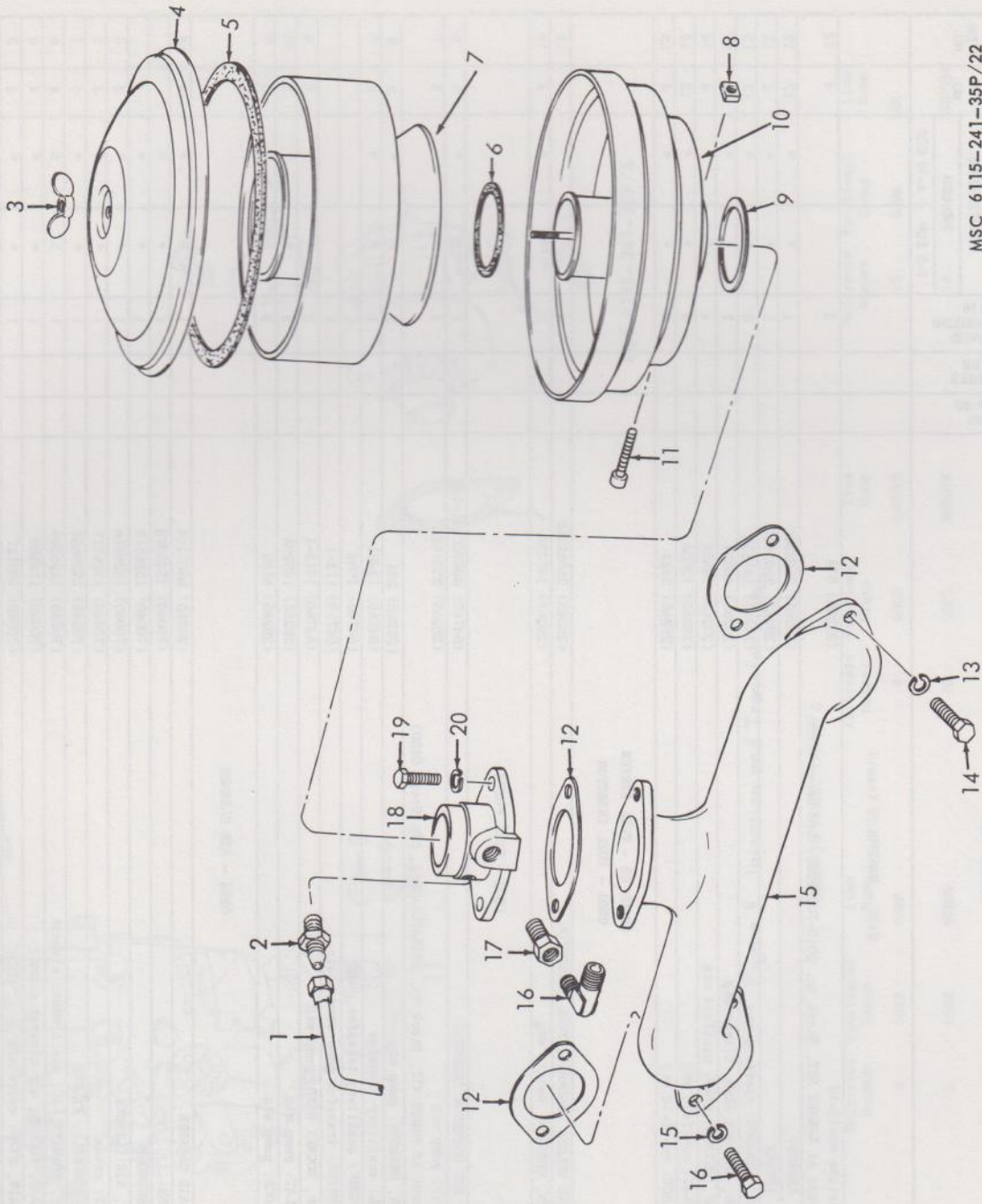
Reference Number	Functional Group	Item Name
1	0108	CAP
2	0108	TUBE
3	0108	ELBOW
4	0108	NIPPLE
5	0108	ELBOW
6	0108	PLUG
7	0108	NIPPLE
8	0108	CLAMP
9	0108	HOSE
10	0108	REDUCER
11	0108	BRACKET
12	0105	GASKET
13	0105	SCREW
14	0105	BOLT
15	0108	SPACER
16	0105	COVER
17	0105	GASKET
18	0108	ELBOW
19	0108	GASKET
20	0108	DIPSTICK
21	0108	WASHER
22	0108	SCREW

Figure 3. Dipstick, Oil Filler, and Drain.

TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS		ILLUSTRATIONS		
									15 DAYS ORGANIZATIONAL MAINTENANCE			FIG. NO.	ITEM NO.
									1-5 EQP	6-10 EQP			
					0108 - ENGINE LUBRICATION SYSTEM (cont)								
	X2 0			5310-010-3319	WASHER, LOCK: filter to strap			2	*	*	2 3		
	X2 0			5330-599-1285	WASHER, NONMETALLIC: cover			1	*	*	2 6		
	P 0			2815-701-6857	GASKET: bracket mtg			1	*	1	3 19		
	M 0				LINE ASSEMBLY: filter to block			1			2 12		
	X2 0			4730-374-6948	MANUFACTURE FROM: ADAPTER, STRAIGHT, PIPE TO HOSE			1	*	*			
	X2 0			4730-203-3550	ADAPTER, STRAIGHT, TUBE TO HOSE			1	*	*			
	P 0			4720-203-3034	HOSE, RUBBER (14 3/4 in. required)		FT		See Group	9501			
	M 0				LINE ASSEMBLY: oil filter to block			1			2 10		
	X2 0			4730-374-6948	MANUFACTURE FROM: ADAPTER, STRAIGHT, PIPE TO HOSE			1	*	*			
	X2 0			4730-203-3550	ADAPTER, STRAIGHT, TUBE TO HOSE			1	*	*			
	P 0			4720-203-3034	HOSE, RUBBER (14 3/4 in. required)		FT		See Group	9501			
	M 0				LINE ASSEMBLY, AIR CLEANER ADAPTER TO CRANKCASE			1			4 1		
	X2 0			4730-287-1539	MANUFACTURE FROM: NUT, TUBE COUPLING			2	*	*			
	P 0			4710-277-5525	TUBE, COPPER (19 in. required)		FT		See Group	9501			
	M 0				HOSE, RUBBER: oil drain			2			3 9		
	P 0			4720-218-5640	MANUFACTURE FROM: HOSE, RUBBER (3 1/2 in. required for each HOSE)		FT		See Group	9501			
	X2 0			4730-188-1893	NIPPLE, PIPE: oil drain (GE)			4	*	*	3 7		
	X2 0			4730-277-9963	NIPPLE, PIPE: oil drain (GE)			4	*	*	3 4		
	X2 0			5310-012-0376	NUT, PLAIN, HEXAGON: filter mtg			4	*	*	2 16		
	X2 0			4730-263-3124	PLUG, PIPE: oil drain			2	*	*	3 6		
	X2 0			4730-278-5713	REDUCER, PIPE: oil drain			1	*	*	3 10		
	X2 0			5305-012-2104	SCREW, CAP, HEXAGON HEAD: bracket mtg			3	*	*	3 22		
	X2 0			5305-017-9841	SCREW, CAP, HEXAGON HEAD: filter mtg			2	*	*	2 21		
	X2 0				SPACER: filter bracket to block			2	See Group	9901	2 17		
	X2 0				SPACER: side plate screw			2	See Group	9901	3 15		
	X2 0			5310-209-0710	TUBE: oil filter			1	*	*	3 2		
	X2 0			5310-010-3320	WASHER, FLAT: filter mtg			4	*	*	2 18		
	X2 0			5310-010-3320	WASHER, LOCK: filter mtg			4	*	*	2 15		
	X2 0			5310-261-7340	WASHER, LOCK: oil inlet cover to block			3	*	*	3 21		
					0110 - MANIFOLDS								
	X2 0			4730-366-0461	FLANGE, PIPE			1	*	*	13 18		
	P 0			5330-256-7003	GASKET: companion flange			1	1	1	13 17		
	X1			2815-171-7034	GASKET: exhaust manifold			4			13 15		
					(Component of GASKET SET, Stock No. 2815-702-2205, See Group 0100)								

INDEX TO PARTS, FIGURE 4

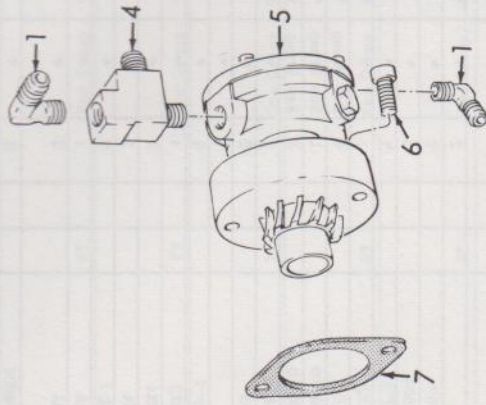
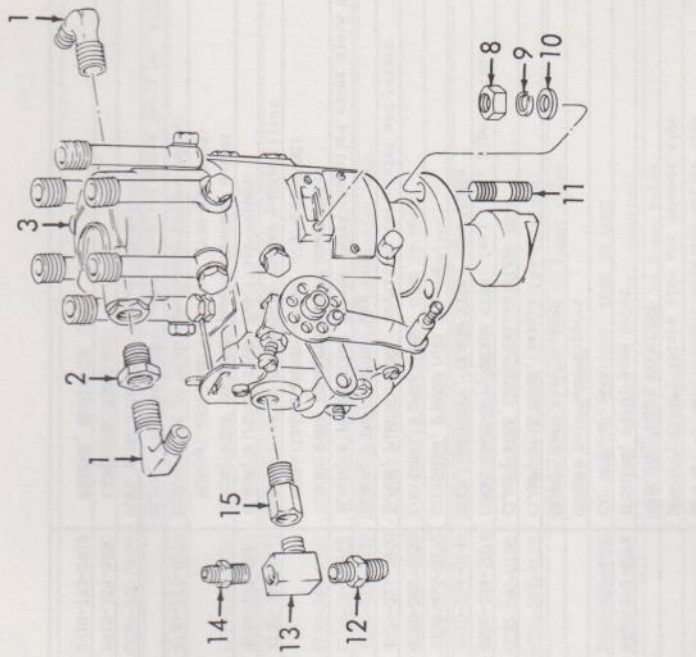
Reference Number	Functional Group	Item Name
1	0108	LINE AY
2	0108	ADAPTER
3	0304	NUT
4	0304	COVER
5	0304	GASKET
6	0304	WASHER
7	0304	ELEMENT AY
8	0304	NUT
9	0304	GASKET
10	0304	SHELL AY
11	0304	SCREW
12	0110	GASKET
12	0304	GASKET
13	0110	WASHER
14	0110	SCREW
15	0110	MANIFOLD
16	0310	ELBOW
17	0310	COUPLING
18	0304	ADAPTER
19	0304	SCREW
20	0304	WASHER



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Figure 4. Air Cleaner and Intake Manifold.

SOURCE CODES	TECHNICAL SERVICE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
								15 DAYS ORGANIZATIONAL MAINTENANCE		FIG. ITEM NO.		
								1-5 EQP	6-10 EQP			
				0110 - MANIFOLDS (cont)								
	X1		2930-599-3609	GASNET; intake manifold (Component of GASNET SET, Stock No. 2815-702-2205, See Group 0100)			2				4	12
	X2	0		MANIFOLD, EXHAUST			1	*	*			12
	X2	0		MANIFOLD, INTAKE			1	*	*			15
9	X2	0	5310-297-3248	NUT, PLAIN, HEXAGON: manifold mtg			8	*	*			13
9	X2	0	5305-261-1898	SCREW, CAP, HEXAGON HEAD: flange mtg			2	*	*			19
	X2	0	5305-107-9843	SCREW, CAP, HEXAGON HEAD: manifold mtg			4	*	*			14
9	X2	0	5310-350-5936	WASHER, FLAT: manifold mtg			6	*	*			14
	X2	0	5310-261-7340	WASHER, LOCK: manifold mtg			4	*	*			13
				GROUP 03 - FUEL SYSTEM 0301 - FUEL INJECTOR								
	P	0	2910-785-0602	NOZZLE, AND HOLDER ASSEMBLY, FUEL INJECTION			4	*	*			14
	X2	0	5310-265-9215	NUT, PLAIN, HEXAGON: nozzle mtg			8	*	*			18
				0302 - FUEL PUMPS								
	P1	0	2815-630-6649	FUEL PUMP AND GOVERNOR ASSEMBLY			1	*	*			3
	X1		2815-701-7328	GASNET: fuel pump mtg (Component of PARTS KIT, Stock No. 2815-705-2861, See Group 0100)			1					7
9	X2	0	5310-010-3025	NUT, PLAIN, HEXAGON: pump mtg			3	*	*			8
	P	0	2910-774-9408	PUMP, FUEL: auxiliary transfer			1	*	*			5
	X1		5305-014-5372	PLATE, NAME: auxiliary transfer pump			1					5
9	X2	0	5305-285-5203	SCREW, DRIVE: transfer pump name plate			2	*	*			6
	X2	0	5310-638-2587	WASHER, FLAT: pump mtg			3	*	*			10
	X2	0	5310-010-3320	WASHER, LOCK: pump mtg			3	*	*			9
				0304 - AIR CLEANER								
	X2	0		ADAPTER, AIR CLEANER			1	*	*			18
	X2	0		AIR CLEANER			1	*	*			
	X2	0	2910-383-4231	COVER ASSEMBLY			1	*	*			
	X2	0		COVER, AIR CLEANER			1	*	*			4
	P	0	2940-364-3358	GASNET: cover			1	*	*			5
	X2	0		ELEMENT ASSEMBLY, FILTER			1	*	*			7
	P	0	5330-247-4193	WASHER, NONMETALLIC: air cleaner element			1	3	5			6
	X2	0	5310-012-0372	NUT, PLAIN, SQUARE: air cleaner clamp			1	*	*			8
	X2	0	5310-010-3127	NUT, PLAIN, WING: cover mtg			1	*	*			4
9	X2	0	5305-010-6692	SCREW, MACHINE: air cleaner clamp			1	*	*			11



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Figure 5. Injection and Transfer Pump.

INDEX TO PARTS, FIGURE 5

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0306	ELBOW	9	0302	WASHER
2	0306	BUSHING	10	0302	WASHER
3	0302	FUEL PUMP AY	11	0101	STUD
4	0306	TEE	12	0306	ADAPTER
			5	0302	PUMP
			6	0302	SCREW
			7	0302	GASKET
			8	0302	NUT
			13	0306	TEE
			14	0306	ADAPTER
			15	0306	COUPLING

SOURCE CODES	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS		ILLUSTRATIONS		
						ORGANIZATIONAL MAINTENANCE			FIG. NO.	ITEM NO.
						1-5 EQP	6-10 EQP			
		0304 - AIR CLEANER (cont)								
		SHELL ASSEMBLY								
X2 0	5330-495-0399	GASNET	(70040) 1542931		1	*		4 10		
P 0	2930-599-3609	GASNET: air cleaner adapter to intake manifold	(70040) 1525616		1	*		4 9		
X2 0	5305-638-3057	SCREW, CAP, HEXAGON HEAD: adapter mtg	(28265) 87A		1	See Group	9901	4 12		
X2 0	5310-010-3322	WASHER, LOCK: adapter mtg			2	*		4 19		
					2	*		4 20		
		0306 - TANKS, LINES, FITTINGS								
X2 0	4730-391-3771	ADAPTER, STRAIGHT, PIPE TO TUBE: auxiliary fuel inlet and return	(79470) 48X4A		2	*		25 8		
X2 0	4730-277-8744	ADAPTER, STRAIGHT, PIPE TO TUBE: fuel return	(79470) 48X3		1	*		5 14		
X2 0	4730-288-0962	ADAPTER, STRAIGHT, PIPE TO TUBE: fuel return	(79470) 48X4		1	*		5 12		
X2 0		ADAPTER, STRAIGHT, PIPE TO TUBE: 6-way valve (Supplied under Stock No. 4730-391-3771)	(79470) 48X4A		2	*		7 11		
X2 0	5306-018-0081	BOLT, MACHINE: 6-way valve to bracket			2	*		7 24		
X2 0		BRACKET, CLAMP: exhaust side and intake side	(28265) 203859		2	*		6 15		
X2 0		BRACKET, CLAMP: intake side and exhaust side	(28265) 203860A		2	*		6 7		
X2 0		BRACKET, VALVE MOUNTING	(97478) 8803		1	*		7 22		
X2 0	4730-293-3592	BUSHING, PIPE: pump inlet	(79470) 3226X2		1	*		5 2		
X2 0	2910-859-4420	CAP NUT: w/chain	(70411) X581017		2	See Group	9901	25 9		
X2 0		CLAMP: fuel hose support	(97478) JAT750-10		1	See Group	9901	7 6		
X2 0		CLAMP: fuel hose support	(97478) JAT750-10		1	See Group	9901	9 10		
X2 0		CLAMP, FUEL LINE: exhaust side	(28265) 203861A		2	*		6 16		
X2 0		CLAMP, FUEL LINE: intake side	(28265) 88133		2	*		6 4		
X2 0	4820-424-5874	COCK, SHUT-OFF, SCREW STEM: fuel tank, pipe to tube	(79470) 320		1	*		8 12		
X2 0	4820-254-8640	COCK, SHUT-OFF, SCREW STEM: tank drain	(79470) 530		1	*		8 11		
X2 0	4730-415-3172	COUPLING, PIPE: fuel return	(79470) 3200X2		1	*		5 15		
X2 0	4730-301-7470	COUPLING, PIPE: 6-way	(79470) 3200X4		1	*		7 25		
X2 0	4730-221-3903	ELBOW, PIPE TO TUBE: auxiliary fuel inlet and return	(79470) 49X4A		2	*		25 17		
X2 0	4730-278-3025	ELBOW, PIPE TO TUBE: day tank	(79470) 10F4L		2	*		9 11		
X2 0		ELBOW, PIPE TO TUBE: filter inlet (Supplied under Stock No. 4730-221-3903)	(79470) 49X4A		1	*		11 14		
X2 0		ELBOW, PIPE TO TUBE: fuel filter inlet	(79470) 49X4A		1	*		10 19		
		Supplied under Stock No. 4730-221-3903								
X2 0	4730-288-9443	ELBOW, PIPE TO TUBE: fuel filter outlet	(79470) 003-4004		1	*		10 18		
X2 0	4730-277-8261	ELBOW, PIPE TO TUBE: fuel tank return	(79470) 49X4		1	*		8 3		
X2 0		ELBOW, PIPE TO TUBE: pump inlet and outlet	(79470) 49X4A		4	*		5 1		
		(Supplied under Stock No. 4730-221-3903)								
X2 0	4730-277-8276	ELBOW, PIPE TO TUBE: secondary filter outlet	(79470) 43X4		1	*		11 19		
X2 0		ELBOW, PIPE TO TUBE: 6-way (Supplied under Stock No. 4730-288-9443)	(79470) 10F4L		5	*		7 10		
X2 0		FUEL TANK ASSEMBLY: diesel, 22 gal	(97478) J0690		1	*		8 7		
P 0	2910-529-6580	CAP, FUEL TANK	(81118) GD2713		1	*		8 4		
P 0	2910-793-2918	FILTER, FLUID	(97478) J383		1	*		8 6		

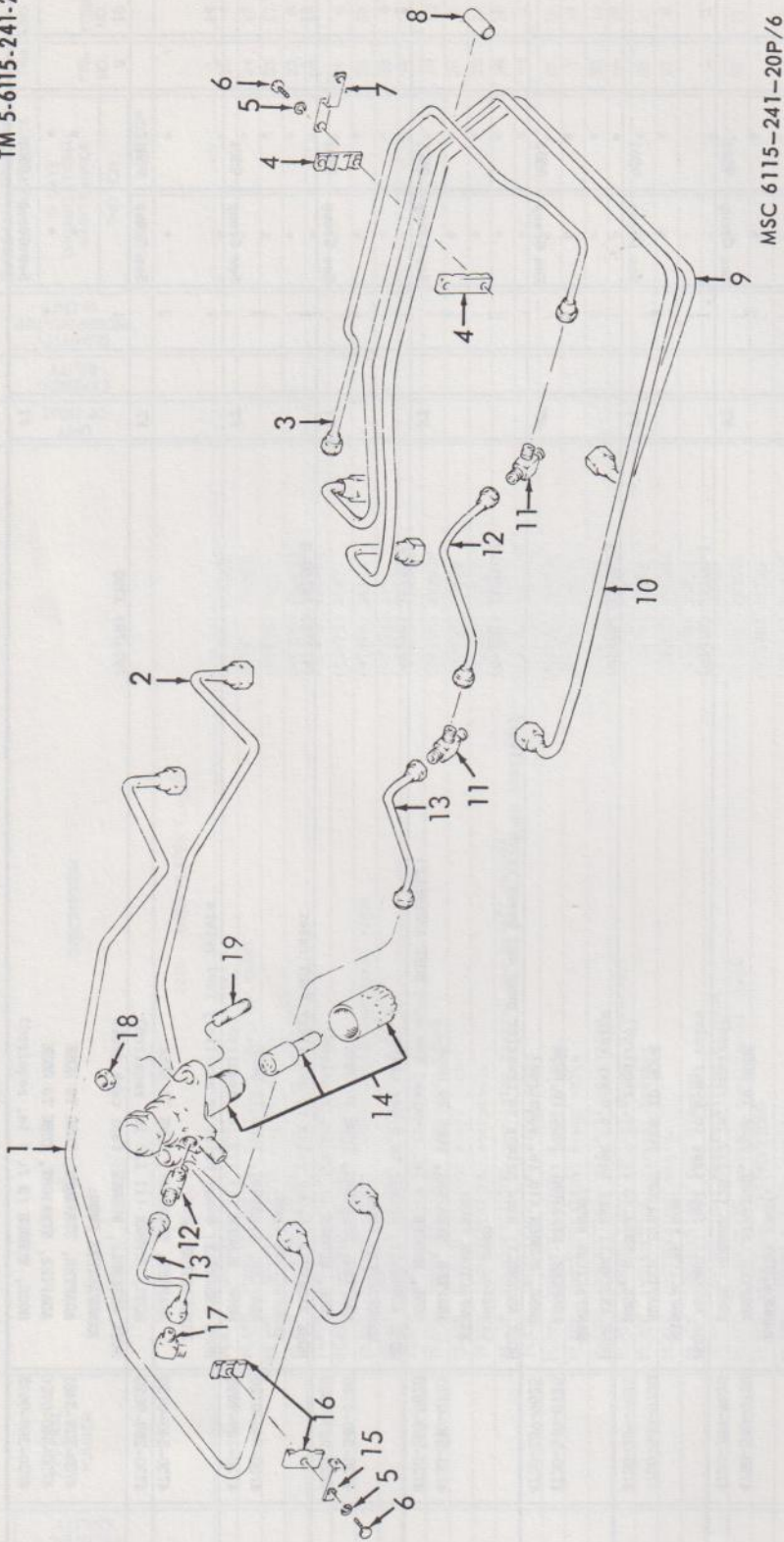
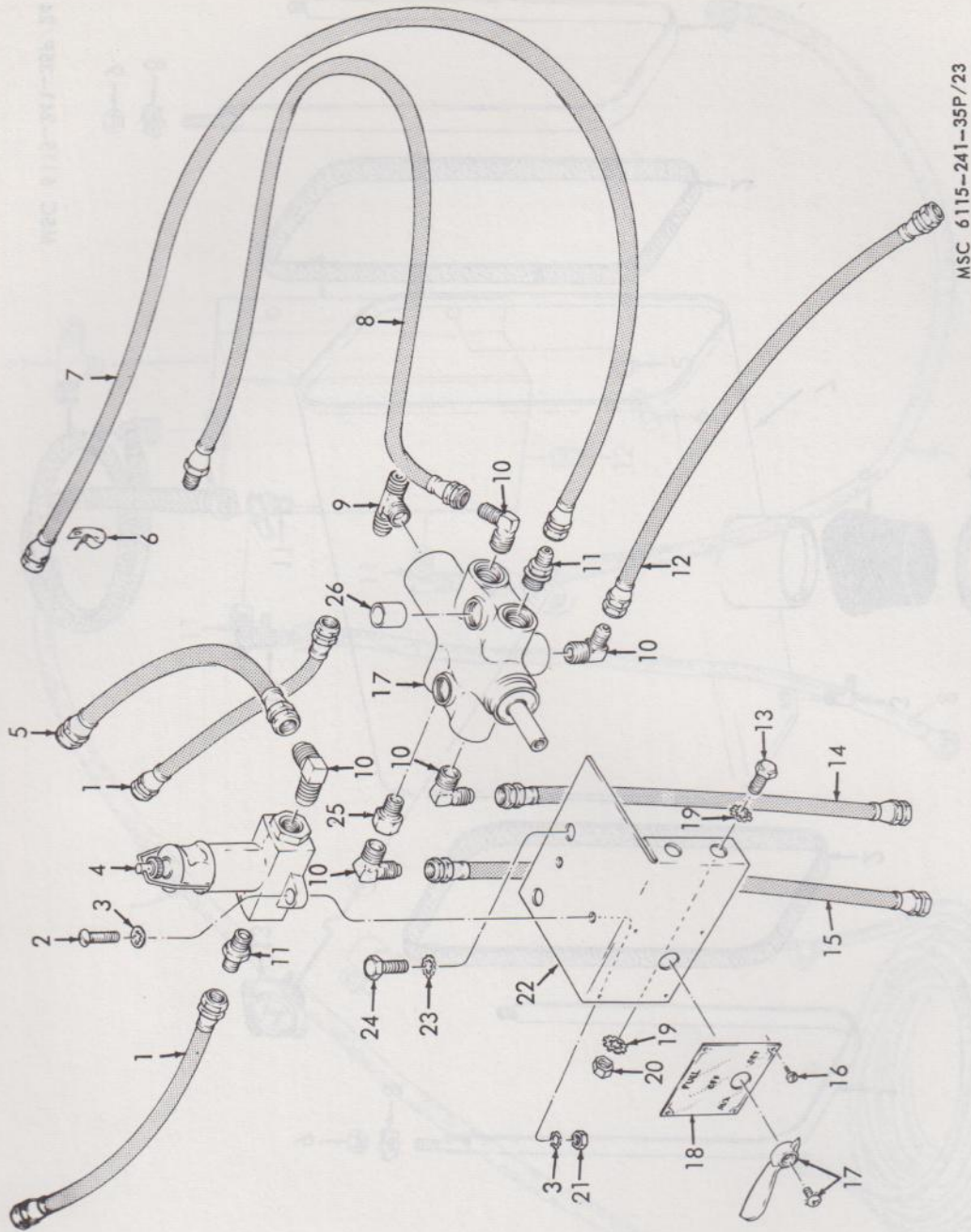


Figure 6. Injector and Lines.

INDEX TO PARTS, FIGURE 6

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0306	TUBE AY	6	0306	SCREW	11	0306	TEE
2	0306	TUBE AY	7	0306	BRACKET	12	0306	TUBE AY
3	0306	TUBE AY	8	0306	GROMMET	13	0306	TUBE AY
4	0306	CLAMP	9	0306	TUBE AY	14	0301	NOZZLE-HOLDER AY
5	0306	WASHER	10	0306	TUBE AY	15	0306	BRACKET
						16	0306	CLAMP
						17	0306	ELBOW
						18	0301	NUT
						19	0101	STUD

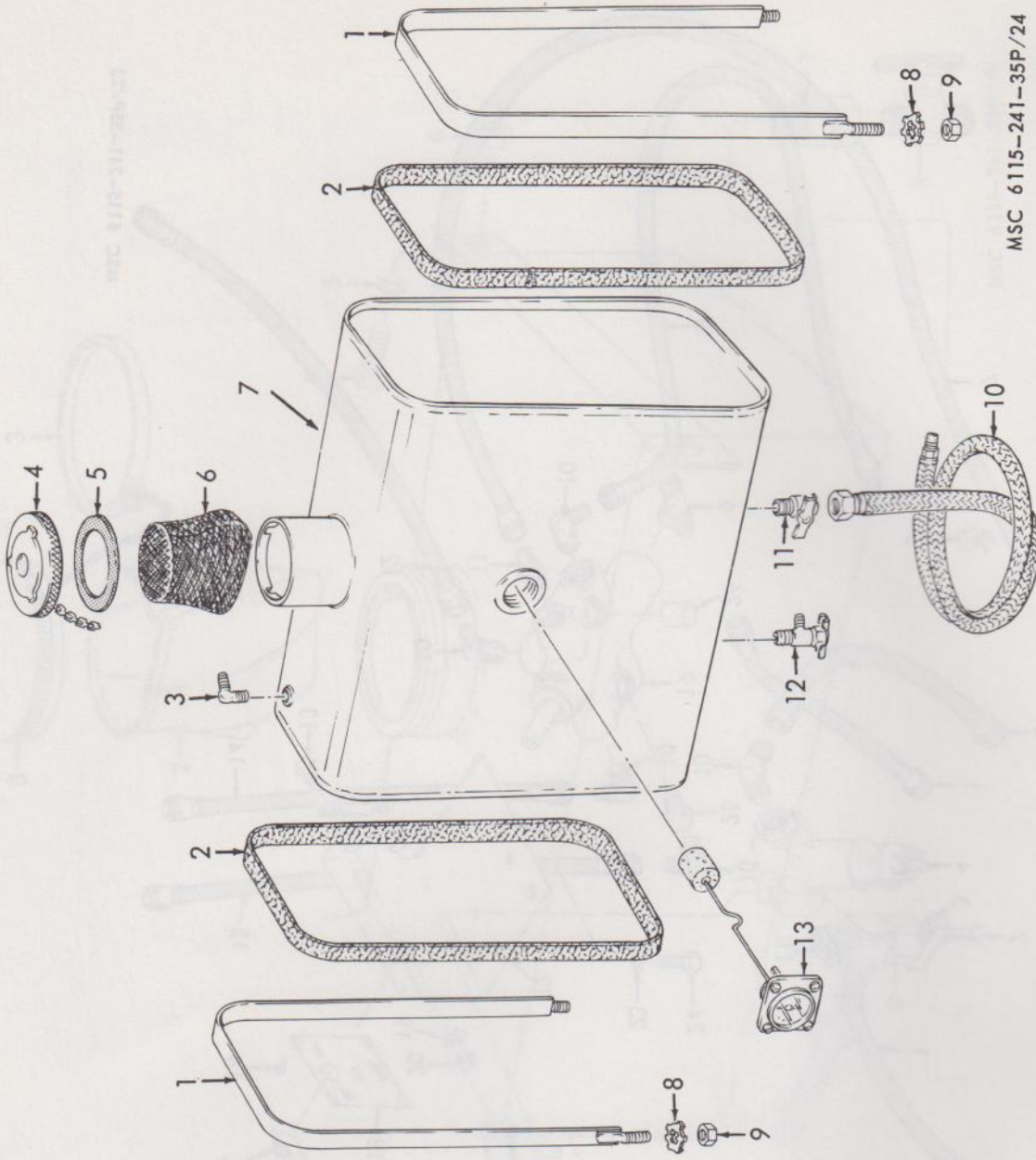


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INDEX TO PARTS, FIGURE 7

Reference Number	Functional Group	Item Name
1	0306	HOSE AY
2	0310	SCREW
3	0310	WASHER
4	0310	PUMP
5	0306	HOSE AY
6	0306	CLAMP
7	0306	HOSE AY
8	0306	HOSE AY
9	0306	TEE
10	0306	ELBOW
11	0306	ADAPTER
12	0306	HOSE AY
13	0306	SCREW
14	0306	HOSE AY
15	0306	HOSE AY
16	2210	SCREW
17	0306	VALVE
18	2210	PLATE
19	0306	WASHER
20	0306	NUT
21	0310	NUT
22	0306	BRACKET
23	0306	WASHER
24	0306	BOLT
25	0306	COUPLING
26	0306	SPACER

Figure 7. Primer Pump, 6 Way Valve, and Lines.



INDEX TO PARTS, FIGURE 8

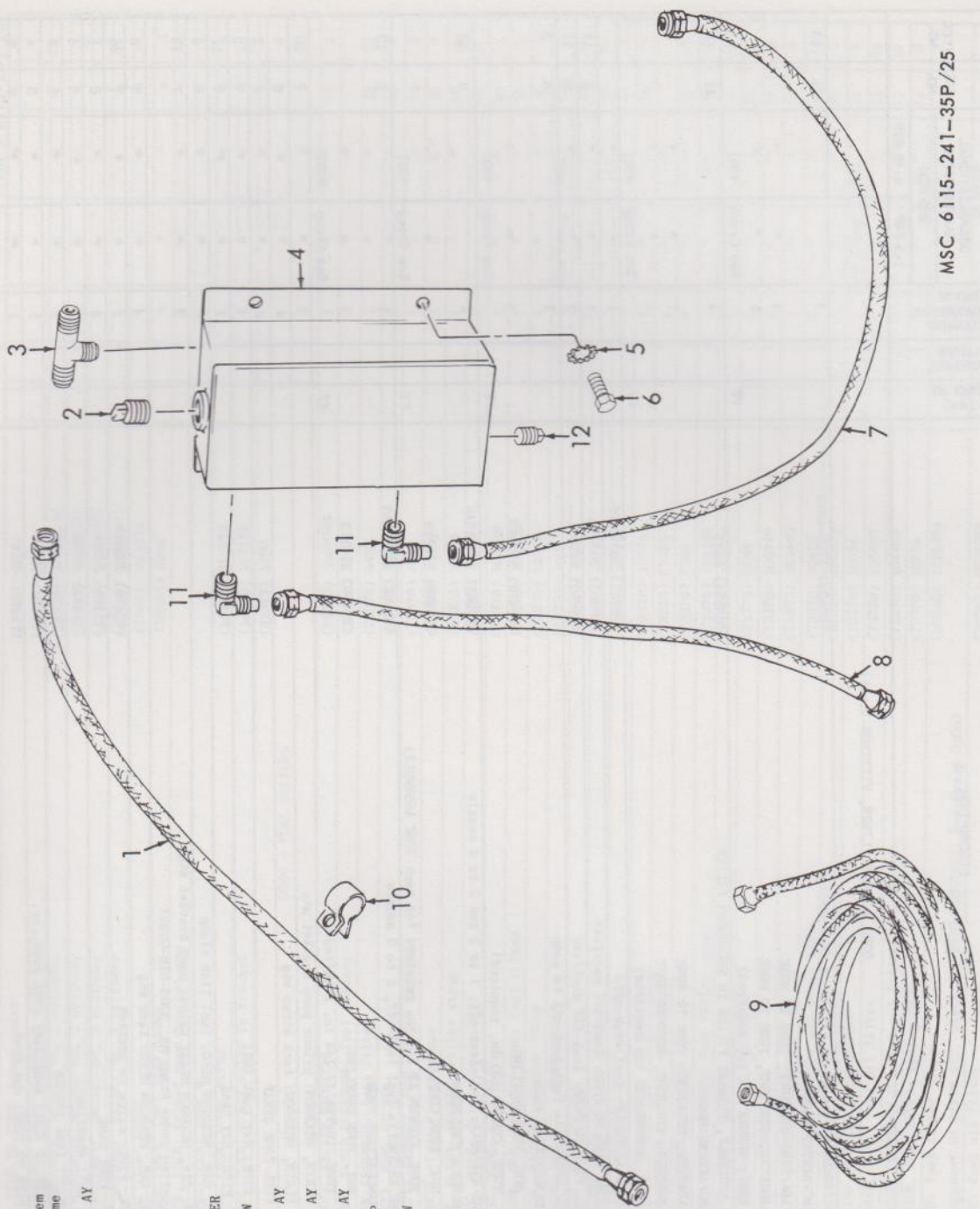
Reference Number	Functional Group	Item Name
1	0306	STRAP
2	0306	PAD
3	0306	ELBOW
4	0306	CAP
5	0306	GASKET
6	0306	FILTER
7	0306	FUEL TANK AY
8	0306	WASHER
9	0306	NUT
10	0306	HOSE AY
11	0306	COCK
12	0306	COCK
13	4702	GAGE

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Figure 8. Fuel Tank.

INDEX TO PARTS, FIGURE 9

Reference Number	Functional Group	Item Name
1	0306	HOSE AY
2	0306	PLUG
3	0306	TEE
4	0306	TANK
5	0306	WASHER
6	0306	SCREW
7	0306	HOSE AY
8	0306	HOSE AY
9	2602	HOSE AY
10	0306	CLAMP
11	0306	ELBOW
12	0306	PLUG



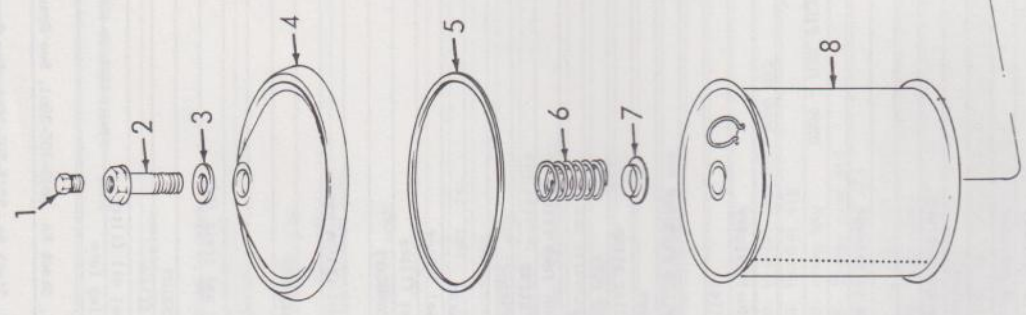
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Figure 9. Day Tank and Lines,

SOURCE CODES	TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDBILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS		ILLUSTRATIONS	ITEM NO.
										15 DAYS ORGANIZATIONAL MAINTENANCE			
										1-5 EQP	6-10 EQP		
						0306 - TANKS, LINES, FITTINGS (cont)							
		M	0			LINE ASSEMBLY: secondary filter to fuel pump MANUFACTURE FROM: (00624) 1725-4512			1			11	13
		X2	0		4730-529-5481	ADAPTER, STRAIGHT, TUBE TO HOSE			1	*	*		
		X2	0		4730-540-0720	ADAPTER, STRAIGHT, TUBE TO HOSE			1	*	*		
		P	0		4720-289-9625	HOSE, RUBBER (11 in. required)	FT			See Group	9501		
		M	0			LINE ASSEMBLY, PRIMARY FILTER TO SECONDARY FILTER MANUFACTURE FROM: (00624) 6523			1			11	18
		X2	0		4730-529-5481	ADAPTER, STRAIGHT, TUBE TO HOSE			1	*	*		
		X2	0		4730-540-0720	ADAPTER, STRAIGHT, TUBE TO HOSE			1	*	*		
		P	0		4720-289-9625	HOSE, RUBBER (22 in. required)	FT			See Group	9501		
		X2	0			MANIFOLD ASSEMBLY: fuel leak-off			1	*	*		
		X2	0		4730-289-1065	ELBOW, PIPE TO TUBE: leak-off manifold			1	*	*	6	17
		X2	0		4730-374-8130	TEE, PIPE TO TUBE: leak-off manifold			3	*	*	6	11
		M	0			TUBE ASSEMBLY: fuel leak-off to pump MANUFACTURE FROM: (79470) 51X3			1			6	3
		X2	0		4730-289-1564	NUT, TUBE COUPLING			2	*	*		
		P	0		4710-350-9886	TUBE, COPPER (20 in. required)	FT			See Group	9501		
		M	0			TUBE ASSEMBLY: fuel leak-off, 1 to 2 and 3 to 4 nozzle MANUFACTURE FROM: (28265) 290515AS			2			6	12
		X2	0		4730-278-5482	NUT, TUBE COUPLING			4	*	*		
		P	0		4710-350-9886	TUBE, COPPER (7 3/4 in. required for each TUBE ASSEMBLY)	FT			See Group	9501		
		M	0			TUBE ASSEMBLY: fuel leak-off, 2 to 3 nozzle MANUFACTURE FROM: (28265) 290516AS			1			6	13
		X2	0		4730-278-5482	NUT, TUBE COUPLING			2	*	*		
		P	0		4710-350-9886	TUBE, COPPER (7 1/4 in. required)	FT			See Group	9501		
		9	X2	0	5310-042-6893	NUT, PLAIN, HEXAGON: primer pump bracket mtg			2	*	*	7	20
		9	X2	0	5310-022-0066	NUT, PLAIN, HEXAGON: tank strap mtg			4	*	*	8	9
		X2	0			PAD, FUEL TANK STRAP			2	*	*	8	2
		X2	0		4730-278-3391	PLUG, PIPE: day tank (GE)			1	*	*	9	2
		X2	0		4730-279-0987	PLUG, PIPE: day tank			1	*	*	9	12
		X2	0		5305-018-0020	SCREW, CAP, HEXAGON HEAD: fuel line clamp			6	*	*	6	6
		X2	0			SCREW, CAP, HEXAGON HEAD: primer pump bracket mtg (Supplied under Stock No. 5305-018-0020)			2	*	*	7	13
		9	X2	0	5305-331-8032	SCREW, CAP, HEXAGON HEAD: tank mtg			4	*	*	9	6
		X2	0			SPACER, PIPE: valve to bracket			2	*	*	7	26
		X2	0			STRAP, FUEL TANK			2	*	*	8	1
		X2	0			TANK, DAY: overflow			1	*	*	9	4
		X2	0		4730-263-2732	TEE, PIPE: fuel return			1	*	*	5	13
		X2	0		4730-423-1789	TEE, PIPE TO TUBE: auxiliary fuel pump			1	*	*	5	4
		X2	0		4730-215-7416	TEE, PIPE TO TUBE: day tank			1	*	*	9	3

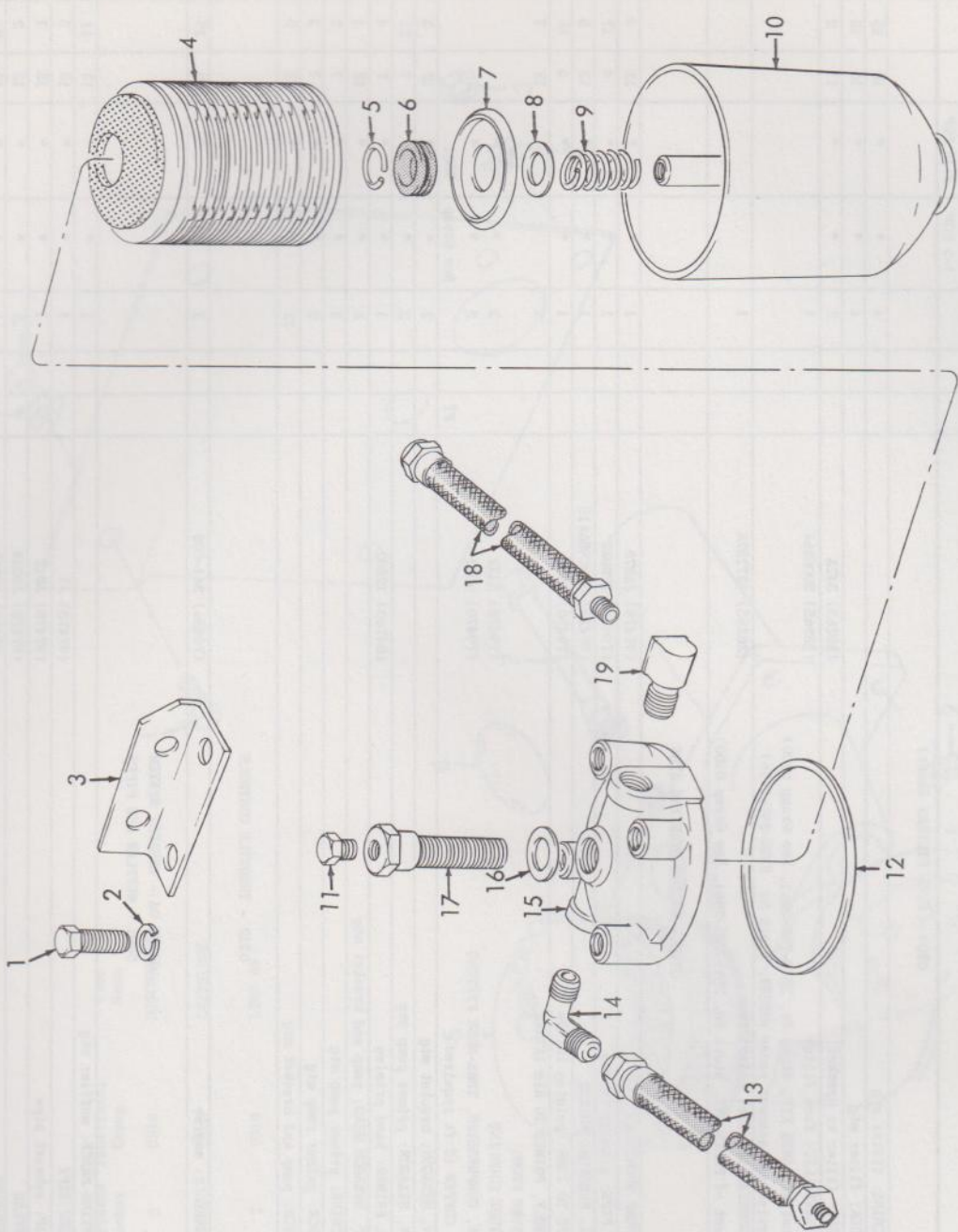
INDEX TO PARTS, FIGURE 10

Reference Number	Functional Group	Item Name
1	0309	PLUG
2	0309	SCREW
3	0309	WASHER
4	0309	COVER
5	0309	GASKET
6	0309	SPRING
7	0309	WASHER
8	0309	FILTER ELEMENT
9	0309	SCREW
10	0309	WASHER
11	0309	STRAP
12	0309	NUT
13	0309	WASHER
14	0309	NUT
15	0309	SCREW
16	0309	BODY AY
17	0309	PLUG
18	0306	ELBOW
19	0306	ELBOW



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Figure 10. Primary Fuel Filter.

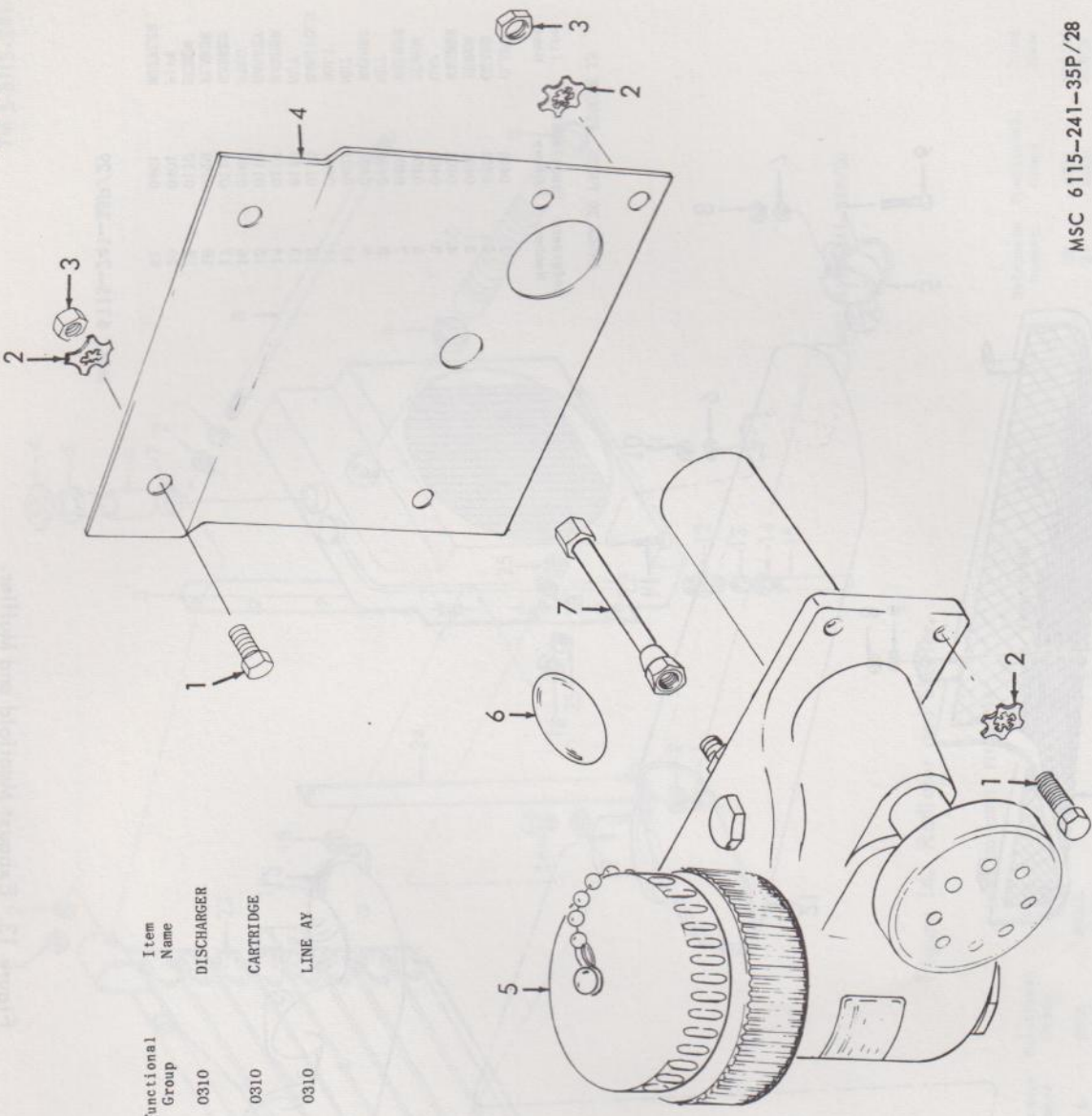


INDEX TO PARTS, FIGURE 11

Reference Number	Functional Group	Item Name
1	0309	SCREW
2	0309	WASHER
3	0309	BRACKET
4	0309	FILTER ELEMENT
5	0309	RING
6	0309	GROMMET
7	0309	PLATE
8	0309	WASHER
9	0309	SPRING
10	0309	BODY AY
11	0309	PLUG
12	0309	WASHER
13	0306	LINE AY
14	0306	ELBOW
15	0309	COVER
16	0309	WASHER
17	0309	BOLT
18	0306	LINE AY
19	0306	ELBOW

Figure 11. Secondary Fuel Filter.

TECHNICAL SERVICE SOURCE	SOURCE CODES		FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
	RECOVERABILITY	MAINTENANCE						15 DAYS ORGANIZATIONAL MAINTENANCE				FIG. NO.	ITEM NO.
								1-5 EQP	6-10 EQP	2ND ECH			
				0309 - FUEL FILTERS (cont)									
9	X2	0	5305-013-3094	SCREW, MACHINE: filter mtg			4	*	*	*	10	15	
9	X2	0	5310-012-0379	WASHER, LOCK: filter mtg			4	*	*	*	10	13	
	X2	0	5310-261-7340	WASHER, LOCK: filter to bracket			2	*	*	*	11	2	
	X1			WASHER, NONMETALLIC: fuel filter (Component of PARTS KIT, Stock No. 2815-705-2861, See Group 0100) (For service replacement order WASHER, Stock No. 5330-298-0776)			1						
	X1		5330-641-1599	WASHER, NONMETALLIC: fuel oil filter (Component of PARTS KIT, Stock No. 2815-705-2861, See Group 0100)			1						
				0310 - ENGINE STARTING AIDS									
	X2	0		BRACKET, PUMP MOUNTING (97478) JAG78			1	*	*	*	12	4	
	X2	0	4730-415-3172	COUPLING, PIPE: priming intake (79470) 3200X2			1	*	*	*	4	17	
	X2	0		DISCHARGER, PRESSURE PRIMER (97478) JSFC956A18			1	*	*	*	12	5	
	X2	0	4730-289-2385	ELBOW, PIPE TO TUBE: priming intake (79470) 49X2			1	*	*	*	4	16	
	M	0		LINE ASSEMBLY, PRIMER TO AIR INTAKE MANUFACTURE FROM: NUT, TUBE COUPLING SLEEVE, COMPRESSION, TUBE-HOSE FITTING TUBE, COPPER (8 ft required)			1				12	7	
	X2	0	4730-012-1220	NUT, PLAIN, HEXAGON: primer pump mtg			2	*	*	*	12	3	
	X2	0	4730-423-5519	NUT, PLAIN, HEXAGON: primer pump mtg			2	*	*	*	7	21	
	P	0	4710-277-7581	PUMP, FUEL PRIMER: hand priming (84760) 12382			1	*	*	*	7	4	
	X2	0	5310-012-4818	NUT, PLAIN, HEXAGON: primer pump mtg			2	*	*	*	12	3	
	X2	0	5310-012-0622	NUT, PLAIN, HEXAGON: primer pump mtg			2	*	*	*	7	21	
	P1	0	2910-797-3524	PUMP, FUEL PRIMER: hand priming			1	*	*	*	7	4	
9	X2	0	5305-331-8032	SCREW, CAP, HEXAGON HEAD: pump and bracket mtg			6	*	*	*	12	1	
9	X2	0	5305-043-6699	SCREW, MACHINE: primer pump mtg			2	*	*	*	7	2	
	X2	0	5310-013-8536	WASHER, LOCK: primer pump mtg			2	*	*	*	7	3	
9	X2	0	5310-017-8518	WASHER, LOCK: pump and bracket mtg			12	*	*	*	12	2	
				0312 - THROTTLE CONTROLS									
	X2	0		CONTROL ASSEMBLY: engine (70436) 341-006			1	*	*	*	20	15	
				GROUP 04 - EXHAUST SYSTEM 0401 - MUFFLER AND PIPES									
	X2	0	5306-700-1459	BOLT, MOUNTING BRACE: muffler mtg			1	*	*	*	13	11	
	P1	0	2990-732-1178	CAP, EXHAUST PIPE (97478) J2			1	*	*	*	13	5	
	P1	0	5340-830-6594	CLAMP, LOOP: exhaust pipe (97478) JC12			1	*	*	*	13	1	
	X2	0		GUARD, MUFFLER (97478) JB844			1	*	*	*	13	2	
	P1	0	2990-791-8054	MUFFLER, EXHAUST (97478) JC758			1	*	*	*	13	21	
9	X2	0	5310-266-0385	NUT, PLAIN, HEXAGON: guard and pipe cap mtg			4	*	*	*	13	8	

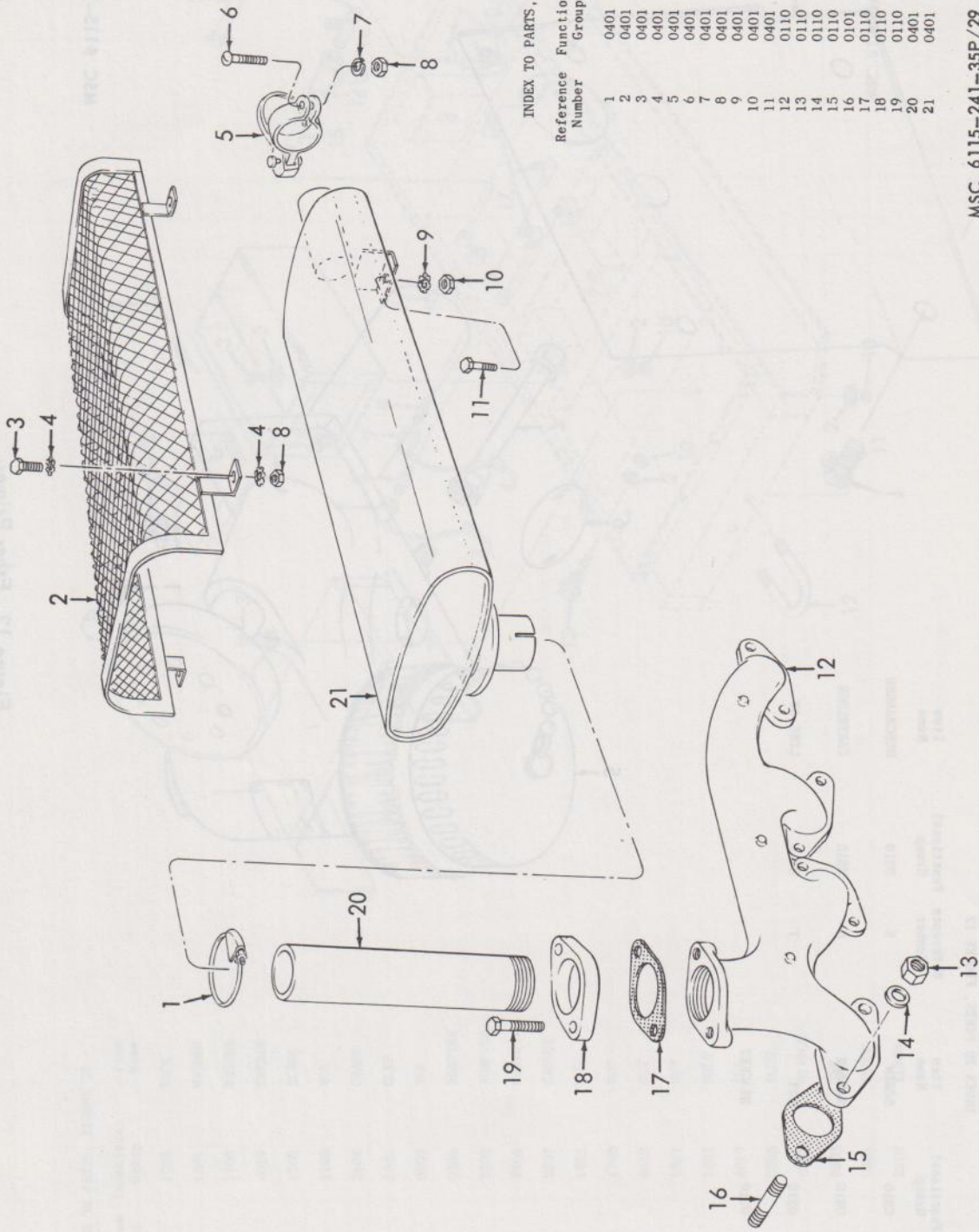


INDEX TO PARTS, FIGURE 12

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0310	SCREW	5	0310	DISCHARGER
2	0310	WASHER	6	0310	CARTRIDGE
3	0310	NUT	7	0310	LINE AY
4	0310	BRACKET			

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Figure 12. Ether Primer.

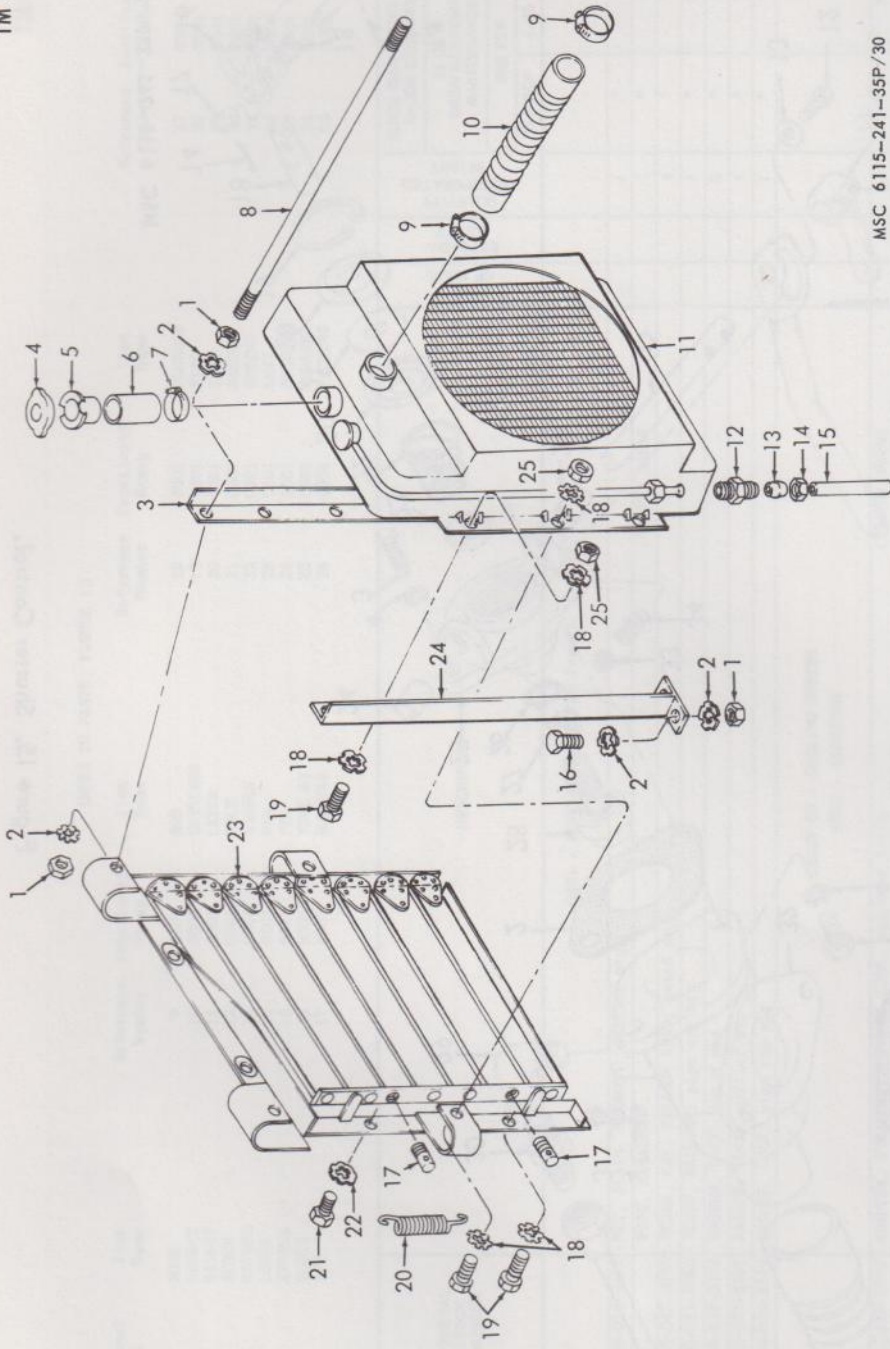


INDEX TO PARTS, FIGURE 13

Reference Number	Functional Group	Item Name
1	0401	CLAMP
2	0401	GUARD
3	0401	SCREW
4	0401	WASHER
5	0401	CAP
6	0401	SCREW
7	0401	WASHER
8	0401	NUT
9	0401	WASHER
10	0401	NUT
11	0401	BOLT
12	0110	MANIFOLD
13	0110	NUT
14	0110	WASHER
15	0110	GASKET
16	0101	STUD
17	0110	GASKET
18	0110	FLANGE
19	0110	SCREW
20	0401	PIPE
21	0401	MUFFLER

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Figure 13. Exhaust Manifold and Muffler.

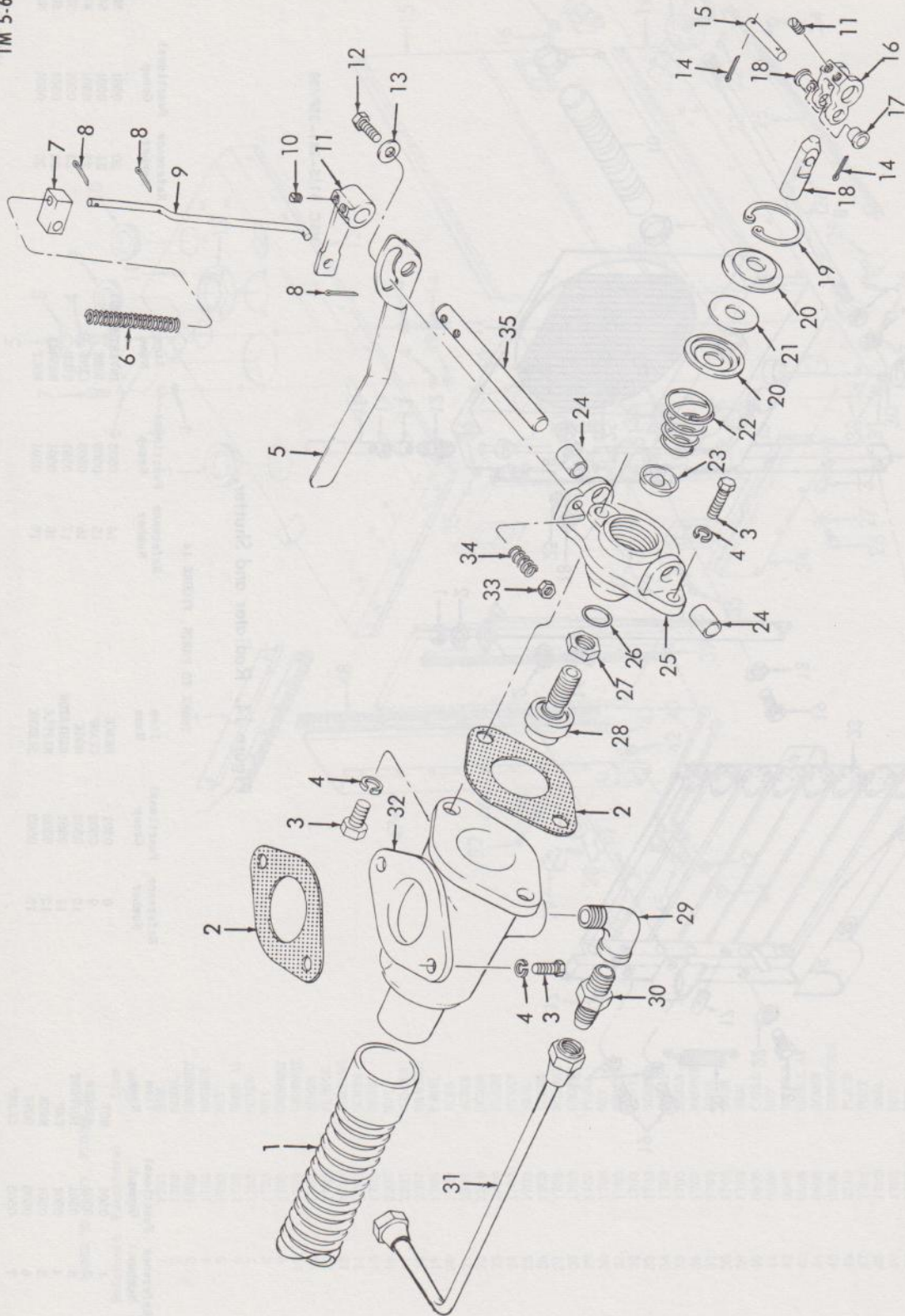


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Figure 14. Radiator and Shutter.

INDEX TO PARTS, FIGURE 14

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0501	NUT	14	0503	INVERTED NUT	20	0501	SPRING
2	0501	WASHER	15	0503	TUBE	21	0501	SCREW
3	0501	SUPPORT	16	0503	LINE AY	22	0501	WASHER
4	0501	CAP	17	0501	RADIATOR	23	0501	SHUTTER AY
5	0501	NECK	18	0501	NIPPLE	24	0501	SUPPORT
6	0503	HOSE	19	0501	BOLT	25	0501	NUT
7	0503	CLAMP						
8	0501	BRACE						
9	0503	CLAMP						
10	0503	HOSE						
11	0501	RADIATOR						
12	0503	NIPPLE						
13	0503	SLEEVE						



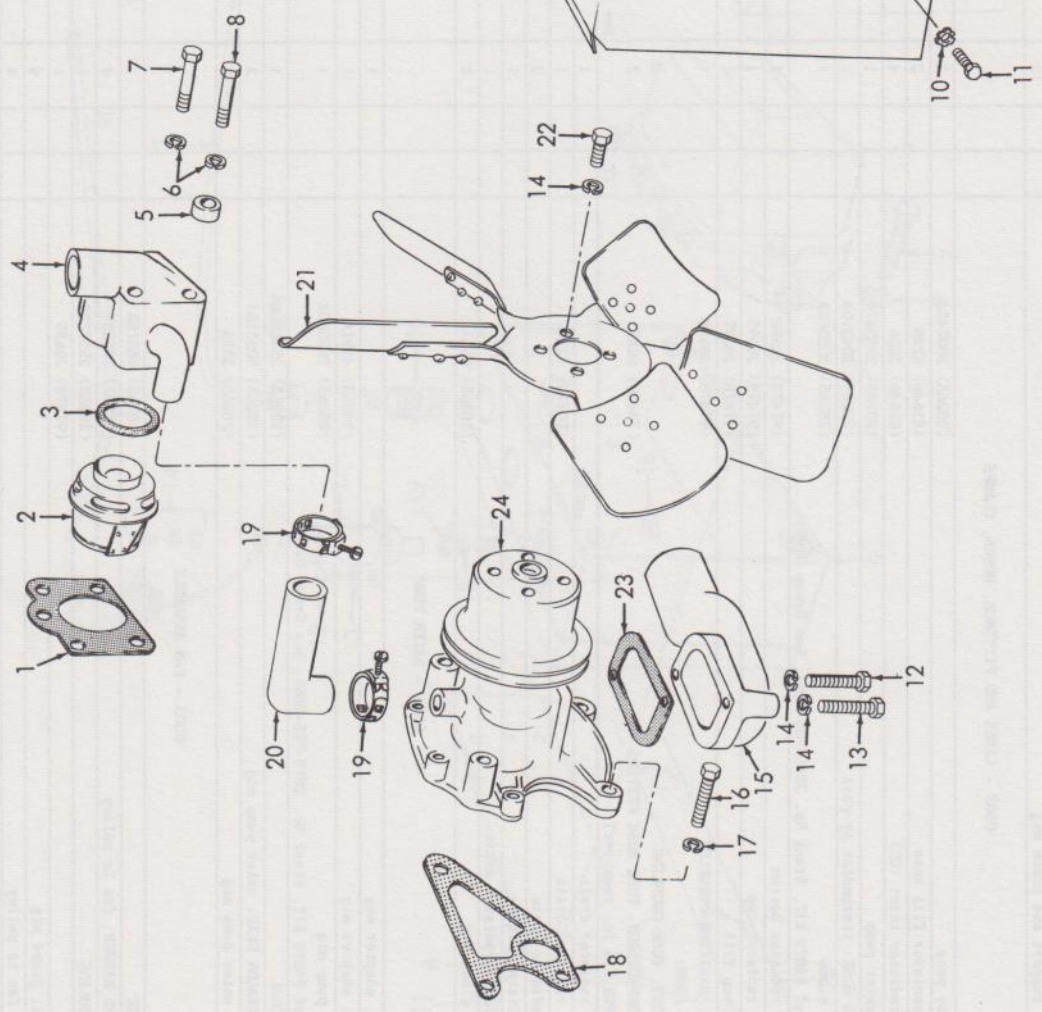
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Figure 15. Shutter Control.

INDEX TO PARTS, FIGURE 15

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	GUIDE QUANTITIES PER MAJOR EQUIPMENTS		ILLUSTRATIONS	
												15 DAYS ORGANIZATIONAL MAINTENANCE	2ND ECH		FIG. NO.
Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	1-5 EQP	6-10 EQP	FIG. NO.	ITEM NO.
1	0503	HOSE	9	0501	ROD	18	0501	PLUNGER	27	0501	NUT				
2	0501	GASKET	10	0501	SETScrew	19	0501	RING	28	0506	THERMOSTAT				
3	0506	GASKET	11	0501	LEVER	20	0501	SEAT	29	0501	ELBOW				
4	0501	SCREW	12	0501	BOLT	21	0501	WASHER	30	0501	ADAPTER				
5	0501	WASHER	13	0501	WASHER	22	0501	SPRING	31	0501	TUBE AY				
6	0501	LEVER	14	0501	PIN	23	0501	SEAT	32	0506	ADAPTER				
7	0501	SPRING	15	0501	PIN	24	0501	BUSHING	33	0501	NUT				
8	0501	BLOCK	16	0501	YOKE AY	25	0501	FLANGE	34	0501	SPRING				
		PIN	17	0501	BUSHING	26	0501	PACKING	35	0501	SHAFT				
DESCRIPTION															
0401 - MUFFLER AND PIPES (cont)															
		FEDERAL STOCK NUMBER													
X2	0		5310-021-9431		NUT, PLAIN, HEXAGON: muffler mtg				1	*				13	10
X2	0				PIPE, EXHAUST				1	*				13	20
X2	0		5305-017-9795		SCREW, CAP, HEXAGON HEAD: guard mtg				4	*				13	3
9	X2	0	5305-011-3963		SCREW, MACHINE: pipe cap mtg				1	*				13	6
X2	0		5310-017-3124		WASHER, LOCK: guard mtg				8	*				13	4
X2	0		5310-017-3127		WASHER, LOCK: muffler mtg				1	*				13	9
9	X2	0	5310-010-3319		WASHER, LOCK: pipe cap mtg				1	*				13	7
GROUP 05 - COOLING SYSTEM															
0501 - RADIATOR															
X2	0		4730-424-5863		ADAPTER, STRAIGHT, PIPE TO TUBE: radiator drain				1	*				15	30
X2	0		5306-700-1459		BOLT, MOUNTING BRACE: support and brace mtg				6	*				14	19
X2	0				BRACE, RADIATOR				2	*				14	8
P	0		2930-830-6537		CAP, RADIATOR				1	*				14	4
X2	0		4730-230-1924		ELBOW, PIPE: radiator drain				1	*				15	29
X2	0				GUARD, GRILLE				1	*				23	13
X2	0				NECK, FILLER, RADIATOR				1	*				14	5
9	X2	0	5310-012-2198		NUT, PLAIN, HEXAGON: control lever to flange				1	*				15	33
X2	0		5310-021-9431		NUT, PLAIN, HEXAGON: radiator mtg				6	*				14	25
9	X2	0	5310-022-0066		NUT, PLAIN, HEXAGON: support and brace mtg				12	*				14	1
P1	0	R	2930-707-0768		RADIATOR, ENGINE COOLANT (welded) Type				1	*				14	11
9	X2	0	5305-577-5462		SCREW, CAP, HEXAGON HEAD: housing and flange mtg				4	*				15	3
X2	0		5305-266-6283		SCREW, CAP, HEXAGON HEAD: radiator support mtg				4	*				23	12
9	X2	0	5305-044-3507		SCREW, MACHINE: grille mtg				7	*				14	21
9	X2	0			SCREW, MACHINE: shutter mtg				6	*				14	21
X2	0				(Supplied under Stock No. 5305-044-3507)				1	*				14	
X2	0				SHUTTER ASSEMBLY, RADIATOR				1	*				14	

TECHNICAL SERVICE	SOURCE CODES			FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPANDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
	SOURCE	MAINTENANCE	RECOVERABILITY						15 DAYS ORGANIZATIONAL MAINTENANCE		FIG. NO.	ITEM NO.		
									1-5 EQP	6-10 EQP			2ND ECH	
					0501 - RADIATOR (cont)									
	X2	0		5306-018-1345	BOLT, MACHINE: manual control lever to flange			1	*	*		15	12	
	X2	0		2930-793-2920	CONTROL ASSEMBLY, SHUTTER			1	*	*		15		
	X2	0			LEVER			1	*	*		15	11	
	X2	0			LEVER, MANUAL CONTROL			1	*	*		15	5	
	X2	0			ROD ASSEMBLY, SHUTTER			1	*	*		15	7	
	X1				BLOCK			1	*	*		15	8	
9	X2	0		5315-255-0614	PIN, COTTER: block and spring retaining			3	*	*		15	9	
	X1				ROD			1	*	*		15	6	
	P1	0		2990-328-8595	SPRING, FRONT ASSEMBLY			1	*	*		15	10	
9	X2	0		5305-543-4528	SETScrew: lever mtg			2	*	*		15	17	
	X2	0			SHAFT ASSEMBLY			1	*	*		15	14	
	X2	0			BUSHING, YOKE			2	*	*		15	15	
9	X2	0		5315-013-7176	PIN, COTTER: shaft retaining			2	*	*		15	18	
	X2	0			PIN, YOKE			1	*	*		15	10	
	X2	0			PLUNGER			1	*	*		15	35	
9	X2	0		5305-543-4528	SETScrew: yoke to shaft			2	*	*		15	16	
	X1				SHAFT			1	*	*		15	23	
	X2	0		2930-960-7276	YOKE ASSEMBLY, SHUTTER			1	*	*		15	34	
	X2	0			SHUTTER ASSEMBLY			1	*	*		15	20	
	X2	0		2990-349-3396	SPRING, HELICAL, COMPRESSION: manual control lever			1	*	*		15	17	
	P1	0		2930-634-8877	SPRING, HELICAL, EXTENSION: shutter			1	*	*		15	24	
	X2	0			STUD, SHUTTER SPRING			2	*	*		15	25	
9	X2	0		2930-804-1185	THERMOSTAT AND FLANGE ASSEMBLY			1	*	*		15	2	
	X1				BUSHING, FLANGE			2	*	*		15	27	
	X1				FLANGE			1	*	*		15	26	
P	0			2930-776-0492	GASKET: flange to housing			1	See Group	9901		15	20	
X2	0			2930-860-0341	NUT, SHUTTER, THERMOSTAT			1	*	*		15	23	
P1	0			5380-776-0880	PACKING, PREFORMED: thermostat			1	*	*		15	31	
X2	0			5340-896-6123	RING, RETAINING			1	*	*		15	19	
X2	0				SEAT, LARGE			2	*	*		15	22	
X2	0				SEAT, SMALL			1	*	*		15	21	
9	X2	0		2930-776-0491	SPRING, THERMOSTAT			1	*	*		15	22	
P	0			2930-572-6148	THERMOSTAT, SHUTTER CONTROL: 175 deg			1	See Group	0506		15	11	
X2	0			2930-854-4342	WASHER, SPRING SEAT, SHUTTER, THERMOSTAT			1	*	*		14	24	
X2	0				SUPPORT, RADIATOR: lh			1	*	*		14	3	
X2	0				SUPPORT, RADIATOR: rh			1	*	*		15	31	
M	0				TUBE, ASSEMBLY, RADIATOR DRAIN			1	*	*		15	31	
					MANUFACTURE FROM:									
X2	0			4730-289-1559	NUT, TUBE COUPLING			2	*	*		15	11	
P	0			4710-277-5527	TUBE, COPPER (27 in. required)			1	*	*		14	24	
9	X2	0		5310-047-4038	WASHER, FLAT: control lever to flange		FT	1	*	*		15	13	



INDEX TO PARTS, FIGURE 16

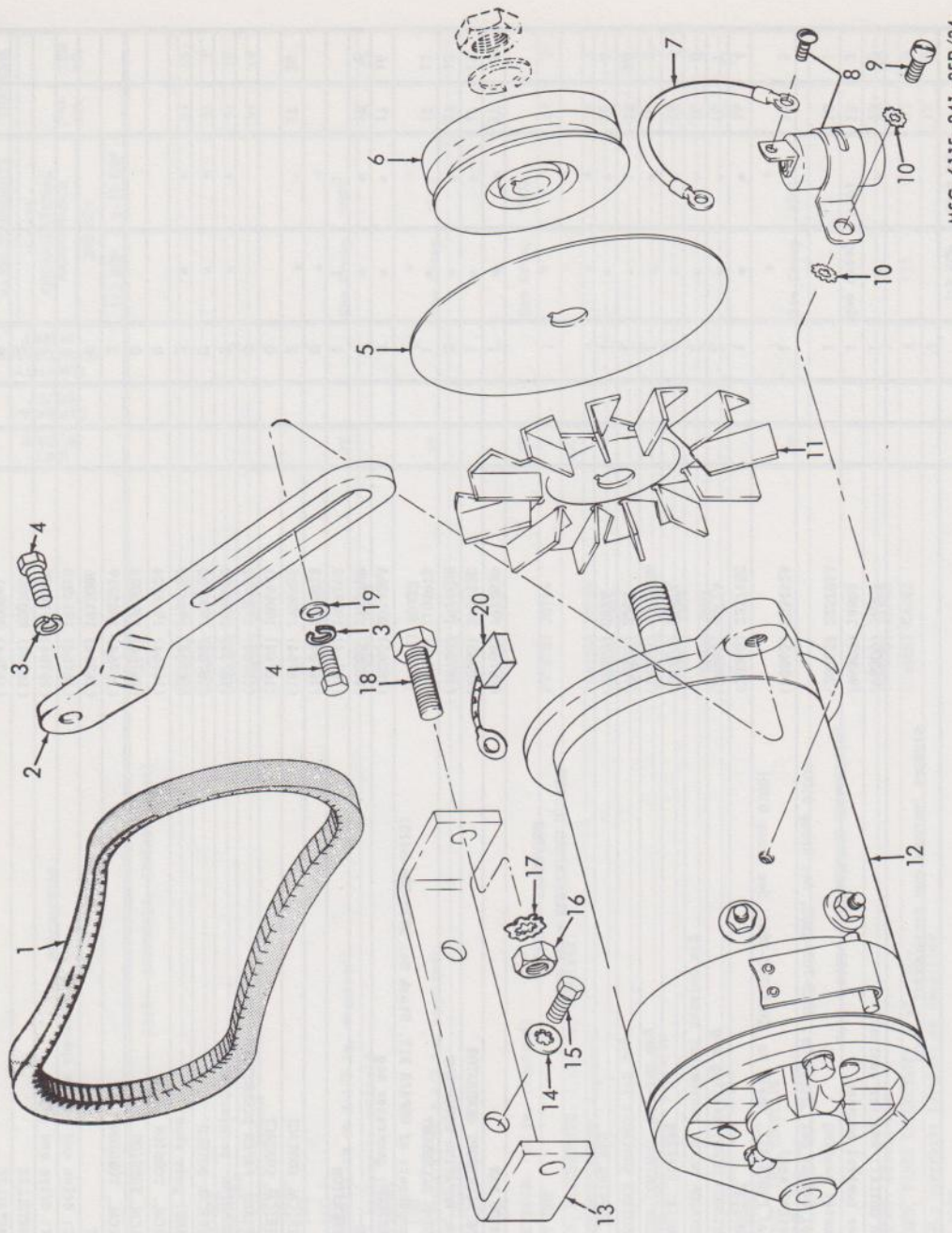
Reference Number	Functional Group	Item Name
1	0506	GASKET
2	0506	THERMOSTAT
3	0506	GASKET
4	0506	HOUSING
5	0506	SPACER
6	0506	WASHER
7	0506	SCREW
8	0506	SCREW
9	0505	GUARD
10	0505	WASHER
11	0505	SCREW
12	0504	BOLT
13	0504	BOLT
14	0503	WASHER
14	0505	WASHER
15	0503	ELBOW
16	0504	SCREW
17	0504	WASHER
18	0504	GASKET
19	0503	CLAMP
20	0503	ELBOW
21	0505	FAN
22	0505	BOLT ASMBLD WSHR
23	0503	GASKET
24	0504	PUMP

Figure 16. Water Pump and Fan.

TECHNICAL SERVICE SOURCE	SOURCE	MAINTENANCE RECOVERY ABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
								ORGANIZATIONAL MAINTENANCE		FIG. NO.		ITEM NO.
								1-5 EQP	6-10 EQP			
				0506 - THERMOSTATS AND HOUSING, GASKETS								
	X2 0		2930-888-1040	ADAPTER, WATER OUTLET: shutter control			1	*	*	15	32	
	P 0		2930-776-0492	GASKET: shutter control housing			1	See Group	9901	15	2	
	X1		2930-678-3814	GASKET: thermostat housing (Component of GASKET SET, Stock No. 2815-702-2205, See Group 0100)			1			16	1	
	X1		5330-686-1658	GASKET: thermostat seal (Component of PARTS KIT, Stock No. 2815-705-2861, See Group 0100)			1			16	3	
	X2 0			HOUSING, THERMOSTAT			1	*	*	16	4	
9	X2 0		5305-017-9849	SCREW, CAP, HEXAGON HEAD: housing mtg			2	*	*	16	7	
9	X2 0		5305-017-9851	SCREW, CAP, HEXAGON HEAD: thermostat housing mtg			2	*	*	16	8	
	X2 0			SPACER: thermostat housing			2	*	*	16	5	
	P1 0		6620-649-8465	THERMOSTAT, FLOW CONTROL: 180-185 deg			1	*	*	16	2	
	P 0		2930-572-6148	THERMOSTAT, SHUTTER CONTROL: 175 deg			1	*	1	15	28	
	X2 0		5310-261-7340	WASHER, LOCK: housing mtg			4	*	*	16	6	
				GROUP 06 - ELECTRICAL SYSTEM 0601 - GENERATOR								
	X2 0		2920-696-2352	BAFFLE, GENERATOR FAN			1	*	*	17	5	
	X2 0		2920-803-3974	BRACKET, ENGINE ACCESSORY GENERATOR			1	*	*	17	13	
	X2 0		6150-635-2754	FAN, ELECTRICAL ROTATING EQUIPMENT			1	*	*	17	11	
	P1 0	R	2920-529-7297	GENERATOR, ENGINE ACCESSORY (Includes components of REPAIR KIT, Stock No. 2920-536-5413)			1	*	*	17	12	
9	X2 0		5310-265-9216	NUT, PLAIN, HEXAGON: generator mtg			2	*	*	17	16	
	X2 0		2920-875-7766	PULLEY, GROOVE			1	*	*	17	6	
	P 0		2920-536-5413	REPAIR KIT, GENERATOR			1	1	1			
	X1			BRUSH			0					
11	X1		5977-284-9918	BRUSH, ELECTRICAL CONTACT			2			17	20	
11	X1		5977-378-2901	BRUSH, ELECTRICAL CONTACT			0					
11	X1		5910-358-6793	CAPACITOR, FIXED, PAPER DIELECTRIC			0					
11	X1		5970-325-6567	INSULATOR, BUSHING: terminal stud			2					
11	X1		5999-358-6792	PLATE, ELECTRICAL SHIELD			0					
	X1		5305-514-8486	SCREW, MACHINE: pole shoe			2					
	X1		2920-249-8283	SPRING, HELICAL, TORSION			0					
	X1		2920-249-8293	SPRING, HELICAL TORSION			0					
	X1		6115-570-5594	SPRING, HELICAL, TORSION			2					
	X1		5310-262-4755	WASHER, FLAT			0					
	X1		5310-424-3750	WASHER, FLAT: drive end inside spacer			1					
	X1		5310-353-9939	WASHER, FLAT: drive end spacer			1					
	X1		5330-202-4365	WASHER, NONMETALLIC			2					
	X1		5330-286-9125	WASHER, NONMETALLIC			0					
	X1		5330-291-4496	WASHER, NONMETALLIC			2					

INDEX TO PARTS, FIGURE 17

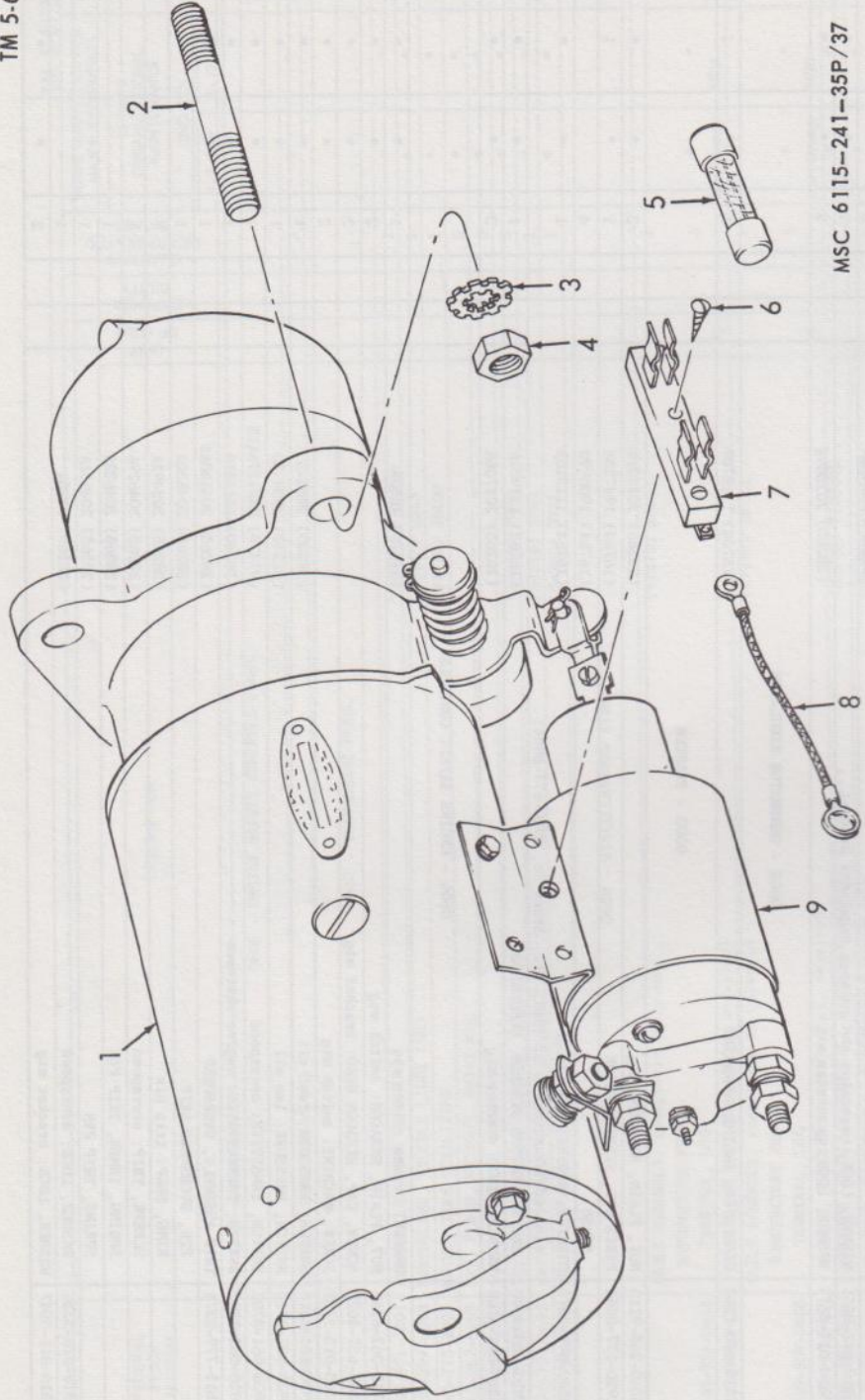
Reference Number	Functional Group	Item Name
1	0505	BELT
2	0601	STRAP
3	0601	WASHER
4	0601	SCREW
5	0601	BAFFLE
6	0601	PULLEY
7	0615	LEAD
8	0615	CAPACITOR
9	0615	SCREW
10	0615	WASHER
11	0601	FAN
12	0601	GENERATOR
13	0601	BRACKET
14	0601	WASHER
15	0601	SCREW
16	0601	NUT
17	0601	WASHER
18	0601	SCREW
19	0601	WASHER
20	0601	BRUSH



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Figure 17. Engine Generator.

TECHNICAL SERVICE SOURCE	SOURCE	MAINTENANCE RECOVERY ABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS
								15 DAYS ORGANIZATIONAL MAINTENANCE		FIG. ITEM NO.	
								1-5 EQP	6-10 EQP		
				0601 - GENERATOR (cont)							
9	X2	0	5305-017-9038	SCREW, CAP, HEXAGON HEAD: generator adjusting strap			2	*	*	17	4
9	X2	0	5305-265-3953	SCREW, CAP, HEXAGON HEAD: generator and voltage regulator bracket mtg			2	*	*	17	15
9	X2	0	5305-018-1397	SCREW, CAP, HEXAGON HEAD: generator mtg			2	*	*	17	18
9	X2	0		STRAP, GENERATOR ADJUSTING			1	*	*	17	2
9	X2	0	5310-562-5977	WASHER, FLAT: generator adjusting strap			1	*	*	17	19
	X2	0	5310-261-7340	WASHER, LOCK: generator adjusting strap			2	*	*	17	3
9	X2	0	5310-017-8551	WASHER, LOCK: generator and voltage regulator bracket			2	*	*	17	14
9	X2	0	5310-017-8571	WASHER, LOCK: generator mtg			2	*	*	17	17
				0602 - GENERATOR REGULATOR							
	P	0	2920-640-7504	REGULATOR, ENGINE GENERATOR			1	*	1	22	6
				0603 - STARTER							
	X2	0	5310-265-9215	NUT, PLAIN, HEXAGON: mtg			3	*	*	18	4
	P	0	2920-677-8884	PARTS KIT, STARTER MOTOR			1	*	1		
	X1			BRUSH			4				
	P	0	2920-679-5875	STARTER, ENGINE, ELECTRICAL			1	*	*	18	1
				(Includes components of PARTS KIT, Stock No. 2920-677-8884)							
	P	0	2920-620-4608	SWITCH, ENGINE STARTER, ELECTRICAL			1	*	*	18	9
9	X2	0	5310-011-4168	WASHER, LOCK: starter mtg			3	*	*	18	3
				0606 - ENGINE SAFETY CONTROLS							
	X2	0		BRACKET: micro switch mtg			1	*	*	19	18
	X2	0	5310-262-6169	NUT, PLAIN, HEXAGON: switch mtg			2	*	*	19	17
9	X2	0	5305-637-4028	SCREW, CAP, HEXAGON HEAD: bracket mtg			2	*	*	19	1
9	X2	0	5305-013-2723	SCREW, MACHINE: switch mtg			2	*	*	19	15
	P1	0	5930-681-4418	SWITCH, PRESSURE: fuel oil			1	*	*	20	22
	P1	0	5930-687-0715	SWITCH, PRESSURE: low oil			1	*	*	20	26
	P1	0	5930-961-3702	SWITCH, SENSITIVE: overspeed			1	*	*	19	14
11	P1	0	5930-563-3715	SWITCH, THERMOSTATIC: engine shutdown			1	*	*	1	6
	P1	0	2815-779-2374	TRIP ASSEMBLY, OVERSPEED			1	*	*		
	X1			PIN, OVERSPEED TRIP			1			19	7
	X1			RING, SNAP: trip pin			1			19	11
	X1			SLEEVE, TRIP: overspeed			1			19	10
	X1			SPRING, INNER, TRIP PIN			1			19	8
	X1			SPRING, TRIP PIN			1			19	9
	X1			WASHER, LOCK: overspeed			1			19	6
9	X2	0	5310-010-3326	WASHER, LOCK: bracket mtg			2	*	*	19	2
			5310-011-5547	WASHER, LOCK: bracket mtg							



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Figure 18. Starter.

INDEX TO PARTS, FIGURE 18

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0603	STARTER	4	0603	NUT	6	0608	SCREW
2	0103	STUD	5	0608	FUSE	7	0608	FUSEHOLDER
3	0603	WASHER				8	0608	WIRE AY
						9	0603	SWITCH

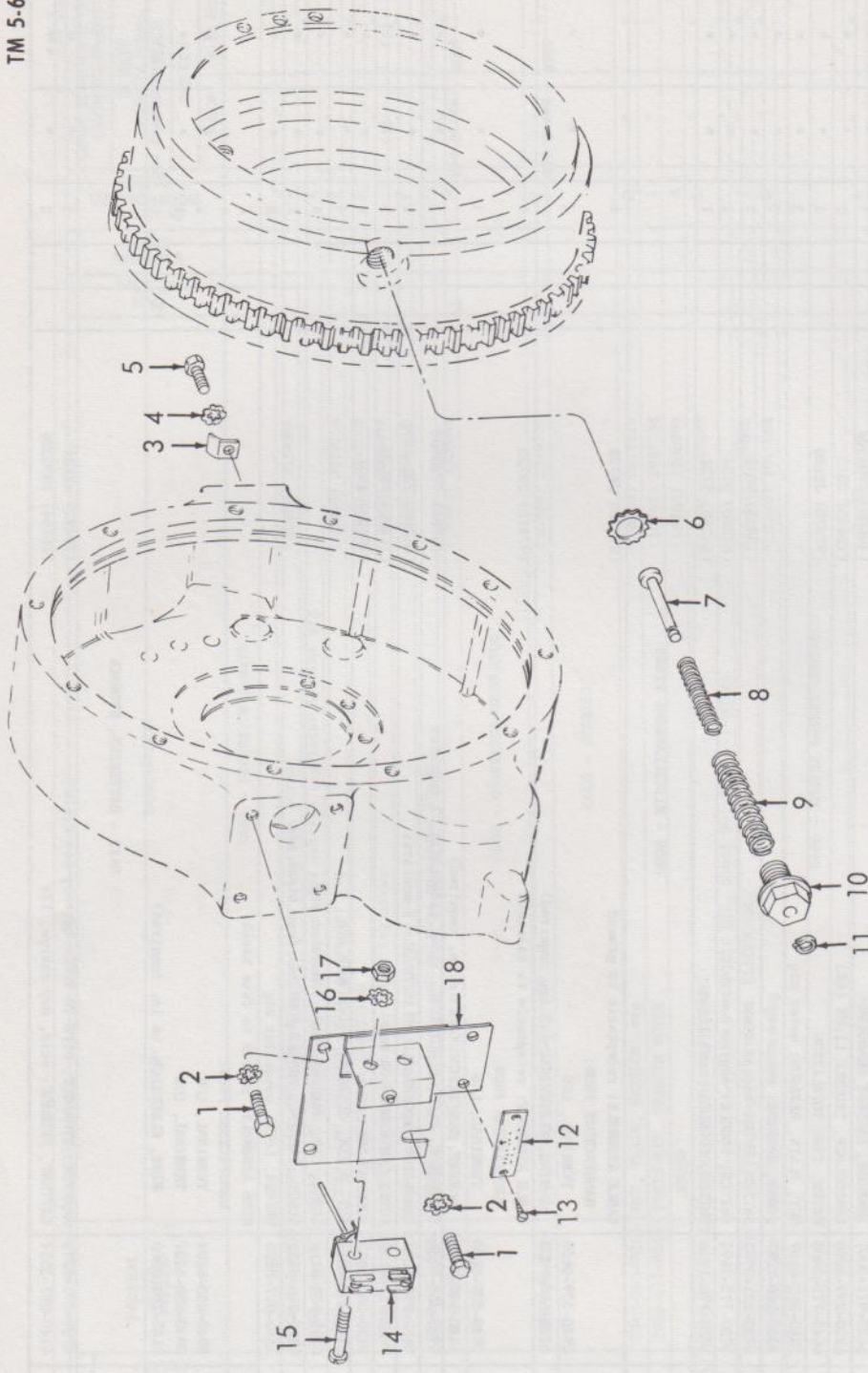
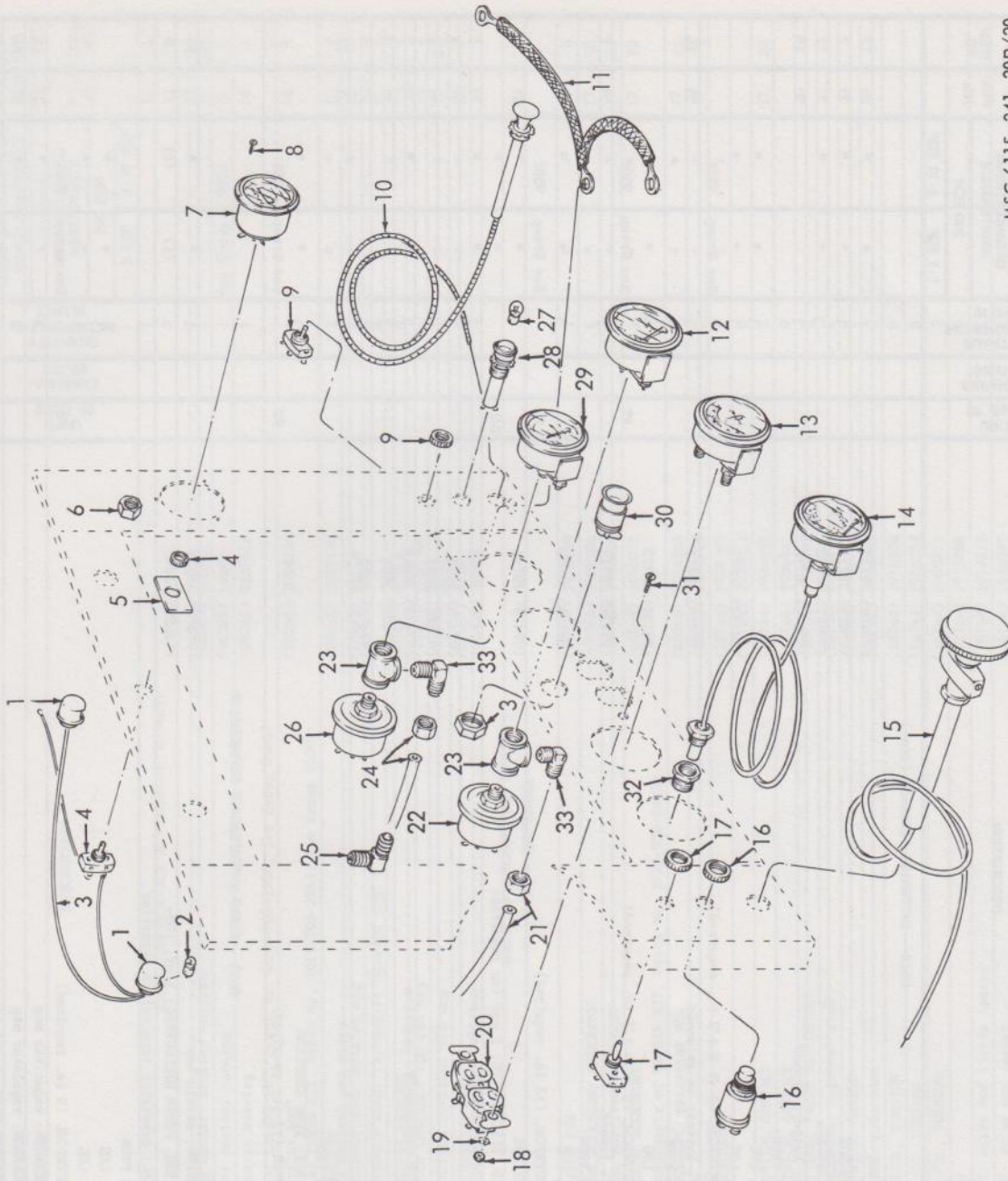


Figure 19. Overspeed Governor.

INDEX TO PARTS, FIGURE 19

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0606	SCREW	6	0606	WASHER	11	0606	RING
2	0606	WASHER	7	0606	PIN	12	2210	PLATE
3	2207	CLAMP	8	0606	SPRING	13	2210	SCREW
4	2207	WASHER	9	0606	SPRING	14	0606	SWITCH
5	2207	SCREW	10	0606	SLEEVE			
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					

TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS		ILLUSTRATIONS	ITEM NO.		
									15 DAYS ORGANIZATIONAL MAINTENANCE				FIG. NO.	ITEM NO.
									1-5 EQP	6-10 EQP				
					0606 - ENGINE SAFETY CONTROLS (cont)									
9	X2	0		5310-013-1044	WASHER, LOCK: switch mtg			2	*	*	19	16		
					0607 - INSTRUMENT PANEL									
11	P1	0		6625-971-5007	AMMETER, BATTERY CHARGING	(70040) 1501622		1	*	*	20	13		
	X2	0		6250-299-6098	LAMPHOLDER, TROUBLE LIGHT (GE)	(13445) 2313		1	*	*	20	30		
9	P1	0		6645-775-2405	METER, TIME TOTALIZING	(97478) JB100		1	*	*	20	7		
	X2	0		5310-262-6169	NUT, PLAIN, HEXAGON: meter mtg			3	*	*	20	6		
9	X2	0		5305-206-2277	SCREW, MACHINE: meter mtg			3	*	*	20	8		
	P1	0		5930-221-8992	SWITCH, PUSH: engine start	(13445) 9095		1	*	*	20	16		
11	P1	0		5930-775-7695	SWITCH, TOGGLE: engine control	(84358) 5724		1	*	*	20	17		
11	P1	0		5930-776-1916	SWITCH, TOGGLE: panel light	(84258) 5721		1	*	*	20	4		
					0608 - MISCELLANEOUS ITEMS									
	M	0			CABLE ASSEMBLY: receptacle to ground	(97478) JB722		1			24	40		
9	X2	0		5940-539-0655	MANUFACTURE FROM:			1	*	*				
9	P	0		6145-635-9433	TERMINAL, LUG									
	M	0			WIRE, ELECTRICAL (12 in. required)				See Group	9501				
9	X2	0		5940-539-0655	MANUFACTURE FROM:	(97478) JB723		1	*	*	24	43		
9	P	0		6145-635-9433	TERMINAL, LUG									
	M	0			WIRE, ELECTRICAL (3 ft 6 in. required)			1	*	*				
9	X2	0		5935-258-9156	CONNECTOR, PLUG, ELECTRICAL: slave receptacle, 2 contacts	(81780) 7728802		1	*	*	21	8		
	X2	0		5935-732-1299	CONNECTOR, RECEPTACLE, ELECTRICAL: 2 contacts	(81780) 732-1299		1	*	*	24	45		
	P	0		5920-012-0114	FUSE, CARTRIDGE: 30 amp	(71400) AGC30		1	(1)	(1)	18	5		
11	X2	0		5920-280-5073	FUSE HOLDER	(71400) 4407		1	*	*	24	41		
9	X2	0		5310-012-8818	NUT, PLAIN, HEXAGON: receptacle mtg			4	*	*	24	44		
9	X2	0		5305-639-8116	SCREW, CAP, HEXAGON HEAD: connector mtg			4	*	*	24	44		
9	X2	0		5305-016-4321	SCREW, TAPPING, THREAD FORMING: fuse block mtg			1	*	*	18	6		
	X2	0		5310-017-8523	WASHER, LOCK: connector mtg			8	*	*	24	42		
	M	0			WIRE ASSEMBLY: switch to fuse block			1			18	8		
9	X2	0		5940-050-6204	MANUFACTURE FROM:			1	*	*				
	X2	0		5940-050-6207	TERMINAL, LUG			1	*	*				
9	P	0		6145-284-0660	TERMINAL, LUG			1	*	*				
	M	0			WIRE, ELECTRICAL (6 in. required)				See Group	9501				
					0612 - BATTERIES, STORAGE									
9	X2	0		4730-391-3771	ADAPTER, STRAIGHT, PIPE TO TUBE: battery box drain	(79470) 48X4A		1	*	*	21	18		
9	P	0		6140-057-2554	BATTERY, STORAGE: acid, dry charge, 12v	(16764) 1890326		2	*	*	21	6		

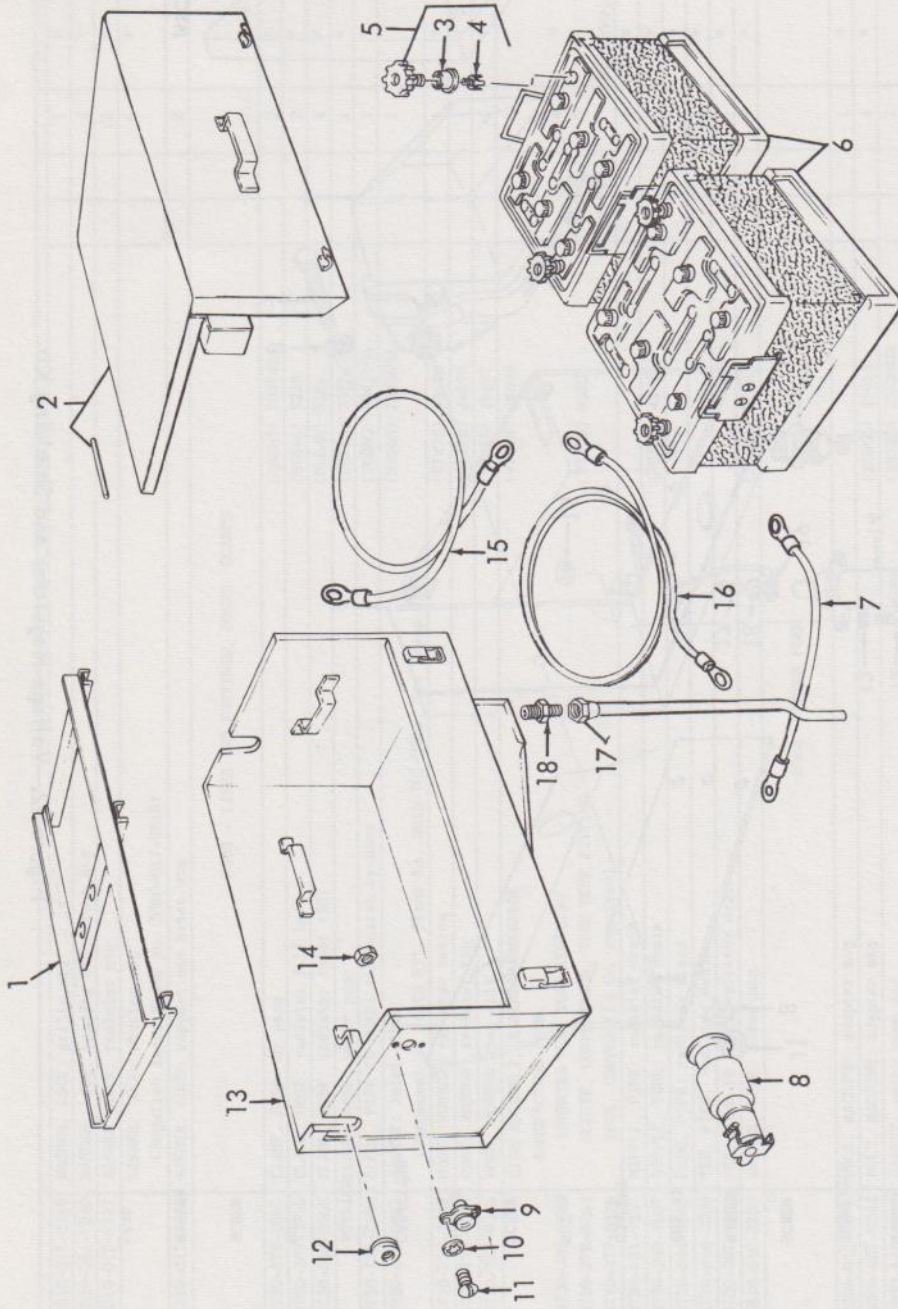


INDEX TO PARTS, FIGURE 20

Reference Number	Functional Group	Item Name
1	4009	LIGHT
2	4009	LAMP
3	4009	WIRE
4	0607	SWITCH
5	2210	PLATE
6	0607	NUT
7	0607	METER
8	0607	SCREW
9	2207	SWITCH
10	2207	CONTROL
11	4019	STRAP
12	4702	GAGE
13	0607	AMMETER
14	4702	THERMOMETER
15	0312	CONTROL AY
16	0607	SWITCH
17	0607	SWITCH
18	4009	NUT
19	4009	WASHER
20	4009	CONNECTOR
21	4702	LINE AY
22	0606	SWITCH
23	4702	TEE
24	4702	LINE AY
25	4702	ELBOW
26	0606	SWITCH
27	2207	LAMP
28	2207	LIGHT
29	4702	GAGE
30	0607	LAMPHOLDER
31	4009	SCREW
32	4702	BUSHING
33	4702	ELBOW

Figure 20. Instruments and Controls.

TECHNICAL SERVICE SOURCE	SOURCE	MAINTENANCE RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
								15 DAYS ORGANIZATIONAL MAINTENANCE		FIG. NO.		ITEM NO.
								1-5 EQP	6-10 EQP			
				0612 - BATTERIES, STORAGE (cont)								
	X2 0			BOX, BATTERY			1	*	*	21	13	
	X2 0			COVER, BATTERY BOX			1	*	*	21	2	
	P1 0		5325-981-8538	GROMMET: battery box			2	*	*	21	12	
	M 0			LEAD ASSEMBLY: battery ground			1			21	15	
	9 X2 0		5940-539-0655	MANUFACTURE FROM:			1	*	*			
	9 X2 0		5940-705-6705	TERMINAL, LUG			1	*	*			
	9 P 0		6145-635-9433	TERMINAL, LUG			1	*	*			
				WIRE, ELECTRICAL (3 ft 3 1/2 in. required)	FT		1	See Group	9501	21	16	
	M 0			LEAD ASSEMBLY: battery to solenoid			1					
	9 X2 0		5940-705-6705	MANUFACTURE FROM:			2	*	*			
	9 P 0		6145-635-9433	TERMINAL, LUG	FT		2	See Group	9501	21	7	
	M 0			WIRE, ELECTRICAL (5 ft 2 1/2 in. required)			1					
	9 X2 0		5940-705-6705	LEAD ASSEMBLY: jumper			2	*	*			
	9 P 0		6145-635-9433	MANUFACTURE FROM:			2	See Group	9501	21	1	
	X2 0			TERMINAL, LUG			1	*	*			
	3 P 0		6810-249-9354	WIRE, ELECTRICAL (13 in. required)			1	*	*	21	1	
	P 0		5940-678-9843	SHELF, BATTERY BOX			1	*	*			
	X1			SULPHURIC ACID, ELECTROLYTE: 1 gal (as required)	GAL		2	*	*	21	5	
	X1			TERMINAL, QUICK DISCONNECT: negative			2	*	*	21	3	
	P 0		5940-678-9842	SPIDER			2	*	*	21	4	
	X1			THIMBLE			2	*	*	21	5	
	P 0		5940-678-9842	TERMINAL, QUICK DISCONNECT: positive			2	*	*	21	3	
	X1			SPIDER			2	*	*	21	4	
	X1			THIMBLE			2	*	*	21	3	
	M 0			TUBE ASSEMBLY: battery box drain			1			21	17	
	X2 0		4730-288-9387	MANUFACTURE FROM:			1	*	*			
	P 0		4710-277-5525	INVERTED NUT, TUBE COUPLING	FT		1	See Group	9501	22	10	
				TUBE, COPPER (14 in. required)			1	*	*	22	11	
				0615 - RADIO INTERFERENCE SUPPRESSION								
	X2 0			BRACKET, MOUNTING: shield box			1	*	*	22	10	
	11 P 0		5910-127-8448	CAPACITOR, FIXED, PAPER DIELECTRIC: 1 uf, 100v			1	(1)	(1)	17	8	
	M 0			LEAD ELECTRICAL: generator terminal to capacitor			1			17	7	
	X2 0		5940-050-6204	MANUFACTURE FROM:			1	*	*			
	X2 0		5940-050-6207	TERMINAL, LUG			1	*	*			
	9 P 0		6145-542-6834	TERMINAL, LUG			1	*	*			
	X2 0		5310-262-6169	WIRE, ELECTRICAL (5 in. required)	FT		4	See Group	9501	22	16	
	9 X2 0		5310-012-4818	NUT, PLAIN, HEXAGON: capacitor mtg			3	*	*	22	11	
	9 X2 0		5305-639-8116	NUT, PLAIN, HEXAGON: regulator mtg			3	*	*	22	7	
				SCREW, CAP, HEXAGON HEAD: regulator mtg			3	*	*	22	7	

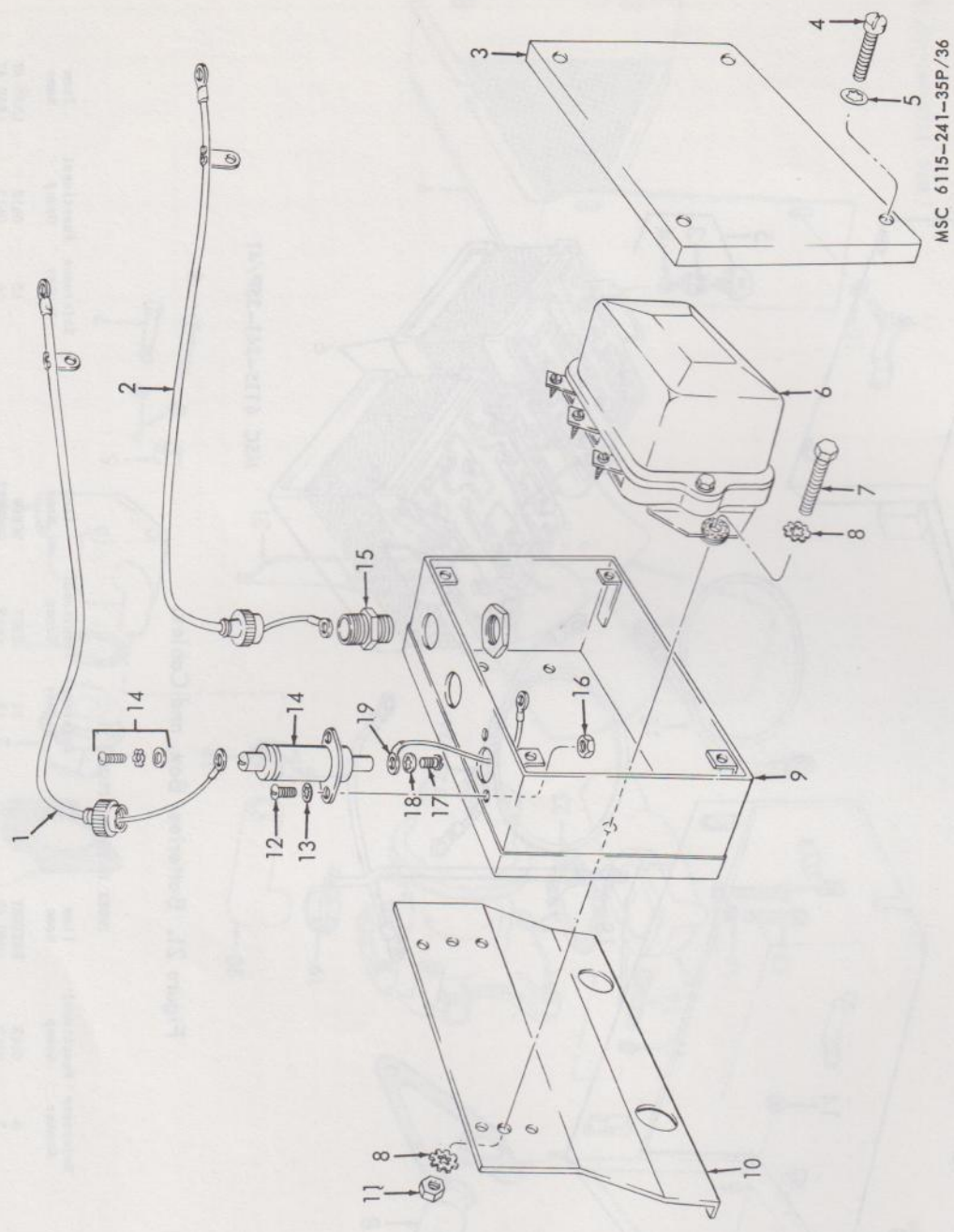


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Figure 21. Batteries, Box, and Cables.

INDEX TO PARTS, FIGURE 21

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	0612	SHELF	6	0612	BATTERY	11	2207	SCREW
2	0612	COVER	7	0612	LEAD AY	12	0612	GROMMET
3	0612	SPIDER	8	0608	CONNECTOR	13	0612	BOX
4	0612	THIMBLE	9	2207	SWITCH	14	2207	NUT
5	0612	TERMINAL	10	2207	WASHER	15	0612	LEAD AY
						16	0612	LEAD AY
						17	0612	TUBE AY
						18	0612	ADAPTER



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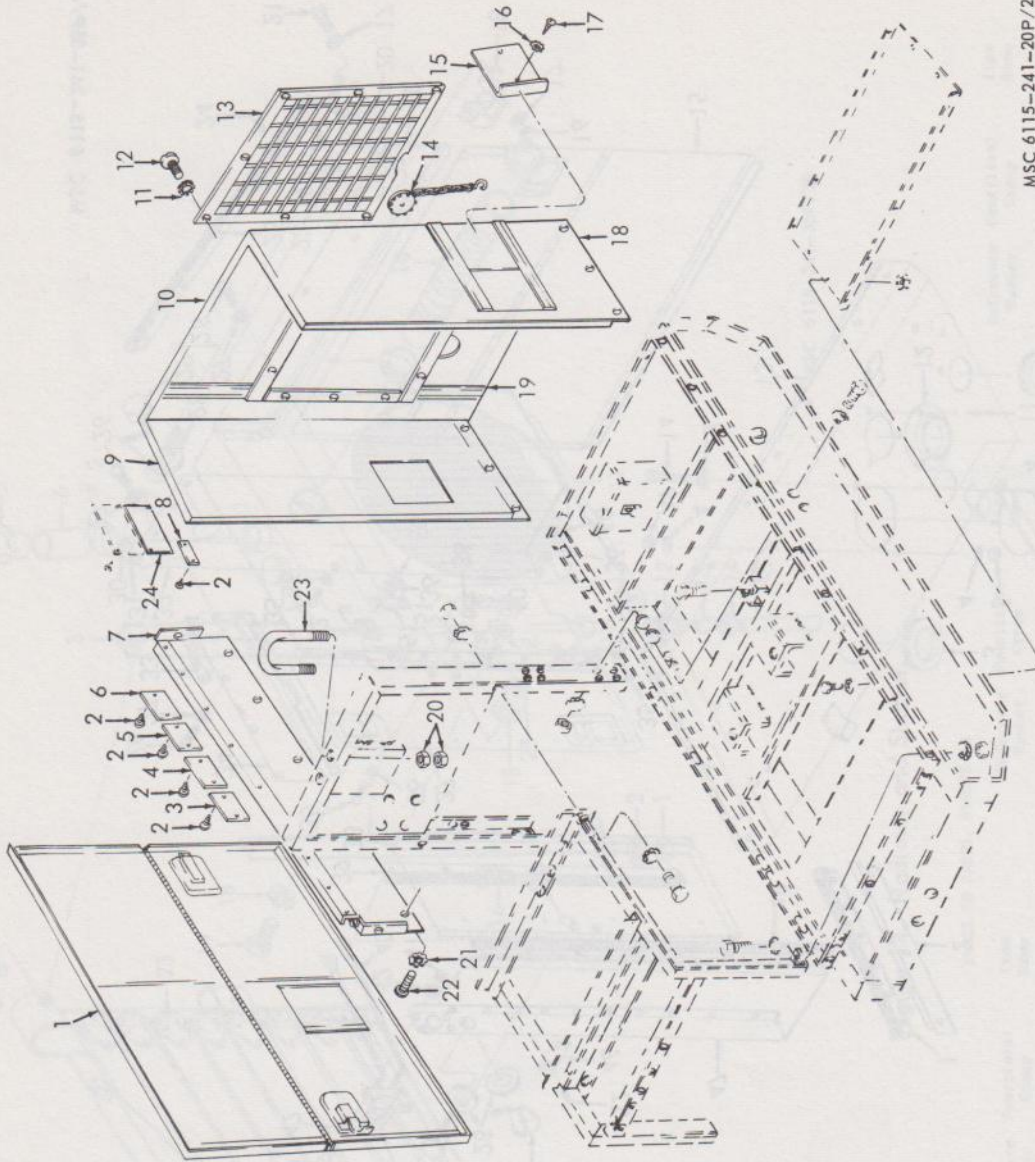
INDEX TO PARTS, FIGURE 22

Reference Number	Functional Group	Item Name
1	0615	LEAD
2	0615	LEAD
3	0615	COVER
4	0615	SCREW
5	0615	WASHER
6	0602	REGULATOR
7	0615	SCREW
8	0615	WASHER
9	0615	BOX AY
10	0615	BRACKET
11	0615	NUT
12	0615	SCREW
13	0615	WASHER
14	0615	CAPACITOR
15	0615	ADAPTER
16	0615	NUT
17	0615	SCREW
18	0615	WASHER
19	0615	LEAD

Figure 22. Voltage Regulator and Shielding Kit.

TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERY ABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
									15 DAYS ORGANIZATIONAL MAINTENANCE		FIG. NO.		ITEM NO.
									1-5 EQP	6-10 EQP			
					0615 - RADIO INTERFERENCE SUPPRESSION (cont)								
	X2	0		5305-013-1860	SCREW, MACHINE: capacitor mtg			4	*	*	*	22 12	
9	X2	0		5305-013-1375	SCREW, MACHINE: generator capacitor mtg			1	*	*	*	17 9	
9	X2	0		5305-013-2900	SCREW, MACHINE: lead mtg			1	*	*	*	22 17	
	X2	0			SHIELDING KIT			1	*	*	*	22	
11	X2	0		5970-355-4062	ADAPTER, INSULATOR			1	*	*	*	22 15	
	X2	0		3875-857-9356	BOX ASSEMBLY, REGULATOR			1	*	*	*	22 9	
11	P	0		5910-677-5348	CAPACITOR, FIXED, PAPER DIELECTRIC			1	*	*	*	22 14	
	X2	0			COVER, BOX			1	*	*	*	22 3	
	X2	0			LEAD, ARMATURE: shielded, generator to regulator			1	*	*	*	22 2	
	X2	0			LEAD, FIELD: shielded, generator to regulator			1	*	*	*	22 1	
	P	0		2920-807-2697	LEAD, VOLTAGE REGULATOR: to capacitor			1	*	*	*	22 19	
9	X2	0		5305-012-0687	SCREW, MACHINE: cover mtg			4	*	*	*	22 4	
	X2	0		5310-012-1801	WASHER, LOCK: cover mtg			4	*	*	*	22 5	
	X2	0		5310-013-8526	WASHER, LOCK: capacitor mtg			8	*	*	*	22 13	
	X2	0		5310-017-8518	WASHER, LOCK: generator capacitor mtg			2	*	*	*	17 10	
9	X2	0		5310-017-8378	WASHER, LOCK: lead mtg			1	*	*	*	22 18	
	X2	0			WASHER, LOCK: regulator mtg			12	*	*	*	22 8	
					(Supplied under Stock No. 5310-017-8518)								
					GROUP 15 - FRAME								
					1501 - FRAME ASSEMBLY								
	X2	0			BOLT, U: frame lifting			1	*	*	*	23 23	
	X2	0			BOLT, U: generator towing			2	*	*	*	25 12	
	X2	0			CLIP, CRANK HOLDING			2	*	*	*	25 6	
9	X2	0		5310-012-4818	NUT, PLAIN, HEXAGON: clip to skid			2	*	*	*	25 10	
9	X2	0		5310-012-3679	NUT, PLAIN, HEXAGON: U-bolt			8	*	*	*	25 11	
9	X2	0		5310-655-9743	NUT, PLAIN, HEXAGON: U-bolt			4	*	*	*	23 20	
	X2	0		5310-017-8518	WASHER, LOCK: clip to skid			2	*	*	*	25 2	
					GROUP 17 - BODY; CAB; HOOD; HULL								
					1703 - DOORS AND PANELS								
	X2	0			DOOR, HOUSING: lh, hinged, with paddle locks			1	*	*	*	23 1	
	X2	0			DOOR, HOUSING: rear, lh, hinge			1	*	*	*	24 38	
	X2	0			DOOR, HOUSING: rear, rh, hinged, with paddle locks			1	*	*	*	24 37	
	X2	0			DOOR, HOUSING: rh, hinged, with paddle locks			1	*	*	*	24 15	
	X2	0			DOOR, RADIATOR AND 6-WAY VALVE			3	*	*	*	23 15	
	X2	0			DOOR ASSEMBLY: lift hook access			1	*	*	*	24 6	
	X2	0			FLANGE: exhaust pipe outlet			1	*	*	*	24 12	
	X2	0		5325-019-5127	GROMMET, FUEL TANK FILL			1	*	*	*	24 3	

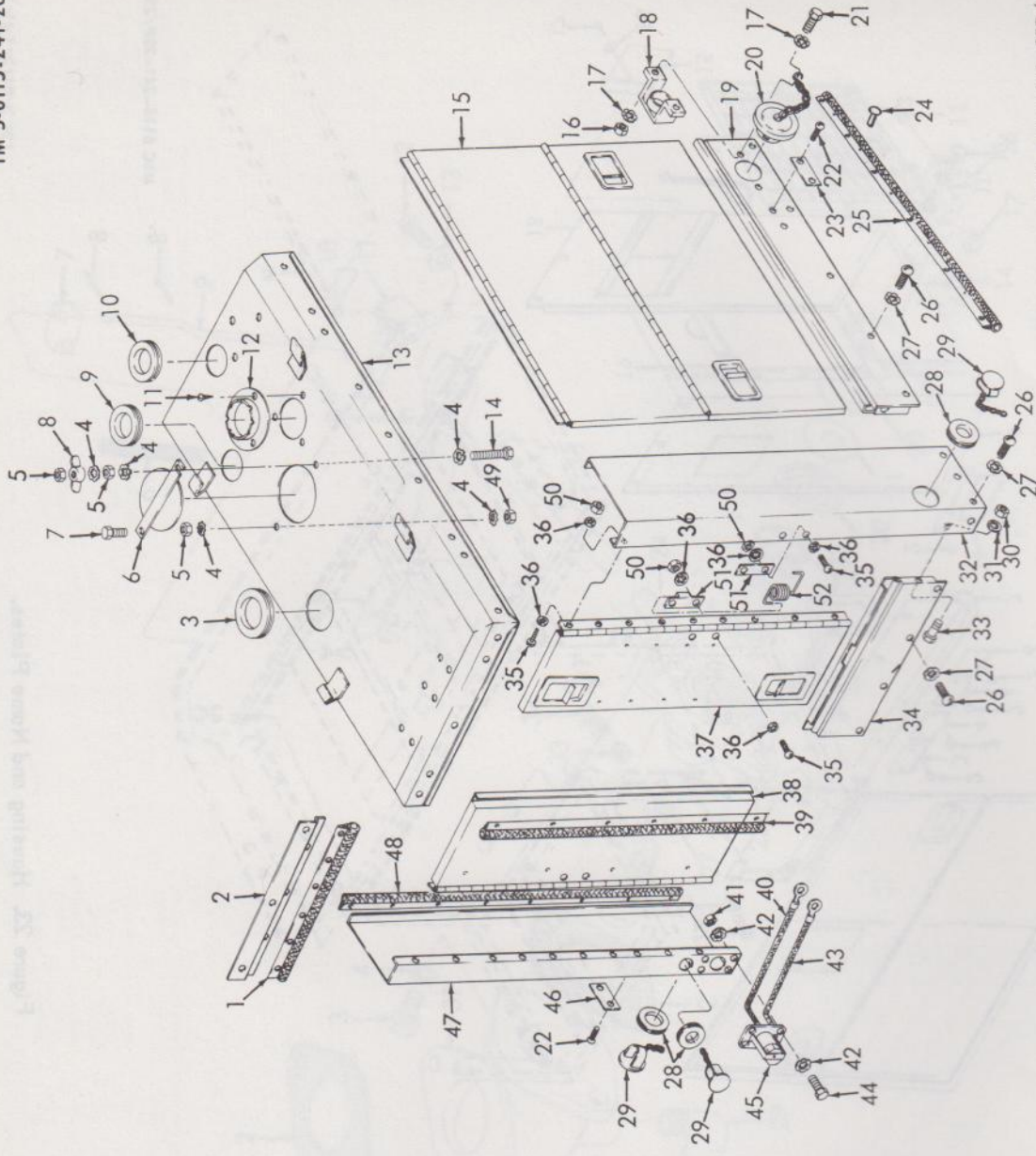
SOURCE CODES	TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS		ILLUSTRATIONS		
										15 DAYS ORGANIZATIONAL MAINTENANCE			FIG. NO.	ITEM NO.
										1-5 EQP	6-10 EQP			
						1703 - DOORS AND PANELS (cont)								
						GROMMET, GASOLINE TANK FILL	(76385) J180-2		1	*	*	24		
		X2	0			GROMMET, HOUSING CORNER POST	(76385) Z1028		3	*	*	24		
		X2	0			GROMMET, RADIATOR FILL	(76385) J381		1	*	*	24		
		X2	0			HOUSING: roof	(97478) JD730		1	*	*	24		
		X2	0		5310-042-6893	NUT, PLAIN, HEXAGON: access door mtg			3	*	*	24		
		X2	0		5310-331-2051	NUT, PLAIN, HEXAGON: control panel door and spring mtg			26	*	*	24		
		X2	0		5310-543-5656	NUT, PLAIN, HEXAGON: panel mtg			6	*	*	24		
		X2	0		5310-012-6177	NUT, PLAIN, WING: access door mtg			1	*	*	24		
		X2	0		5310-044-3533	NUT, SELF-LOCKING, HEXAGON: access door mtg			1	*	*	24		
		X2	0			PANEL, FRONT: lower	(97478) JB740		1	*	*	23		
		X2	0			PANEL, FRONT: upper	(97478) JB739		1	*	*	23		
		X2	0			PANEL, REAR: lower	(97478) JB727		1	*	*	24		
		X2	0			PANEL, REAR: upper	(97478) JB755		1	*	*	24		
		X2	0			PANEL, SIDE: lower, lh	(97478) JB728		1	*	*	23		
		X2	0			PANEL, SIDE: lower, rh	(97478) JB729		1	*	*	24		
		X2	0			PLUG, BUTTON: load exit cable, w/chain	(97478) JA879		3	*	*	29		
		X2	0			PLUG, BUTTON: w/chain, crank hole cover and base pans	(97478) JA880		3	*	*	23		
		X2	0			PLUG, BUTTON: w/chain, heater exhaust	(97478) JA399		1	*	*	24		
		X2	0			POST, CORNER: lh, front	(97478) JC737		1	*	*	23		
		X2	0			POST, CORNER: lh, rear	(97478) JC741		1	*	*	24		
		X2	0			POST, CORNER: rh, front	(97478) JC738		1	*	*	23		
		X2	0			POST, CORNER: rh, rear	(97478) JC742		1	*	*	24		
		X2	0		5320-020-4878	RIVET, TUBULAR: seal mtg			46	*	*	24		
		X2	0		5305-590-7894	SCREW, CAP, HEXAGON HEAD: access door mtg			1	*	*	24		
		X2	0		5305-639-8828	SCREW, CAP, HEXAGON HEAD: access door mtg			1	*	*	24		
		X2	0		5305-543-5267	SCREW, CAP, HEXAGON HEAD: panel mtg			6	*	*	24		
		X2	0		5305-285-4555	SCREW, MACHINE: control panel door and spring mtg			26	*	*	24		
		X2	0		5305-044-3507	SCREW, MACHINE: housing attaching			18	*	*	23		
		X2	0			SCREW, MACHINE: housing attaching (Supplied under Stock No. 5305-044-3507)			43	*	*	24		
		X2	0		5305-015-3729	SCREW, MACHINE: radiator and 6-way valve access door			3	*	*	23		
		X2	0		5305-016-5111	SCREW, TAPPING, THREAD FORMING: flange			3	*	*	24		
		X2	0			SEAL, DOOR	(97478) JB749A		2	*	*	24		
		X2	0			SEAL, DOOR	(97478) JB749B		2	*	*	24		
		X2	0			SEAL, DOOR	(97478) JB749C		4	*	*	24		
		X2	0			SEAL, DOOR	(97478) JB749D		1	*	*	24		
		X2	0			SPRING, DOOR	(94222) 231-11-11		2	*	*	24		
		X2	0		5340-650-7679	SPRING, DOOR RETAINER	(94222) 23-10-11-12		4	*	*	51		
		X2	0		5310-209-1188	WASHER, LOCK: access door mtg			5	*	*	24		
		X2	0		5310-011-5544	WASHER, LOCK: control panel door and spring mtg			52	*	*	24		
		X2	0		5310-017-4916	WASHER, LOCK: housing attaching			18	*	*	23		



INDEX TO PARTS, FIGURE 23

Reference Number	Functional Group	Item Name
1	1703	DOOR
2	2210	SCREW
3	2210	PLATE
4	2210	PLATE
5	2210	PLATE
6	2210	PLATE
7	1703	PANEL
8	2210	PLATE
9	1703	POST
10	1703	PANEL
11	0501	WASHER
12	0501	SCREW
13	0501	GUARD
14	1703	PLUG
15	1703	DOOR
16	1703	WASHER
17	1703	SCREW
18	1703	POST
19	1703	PANEL
20	0501	NUT
21	1703	WASHER
22	1703	SCREW
23	1501	BOLT
24	2210	PLATE

Figure 23. Housing and Name Plates.



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INDEX TO PARTS, FIGURE 24

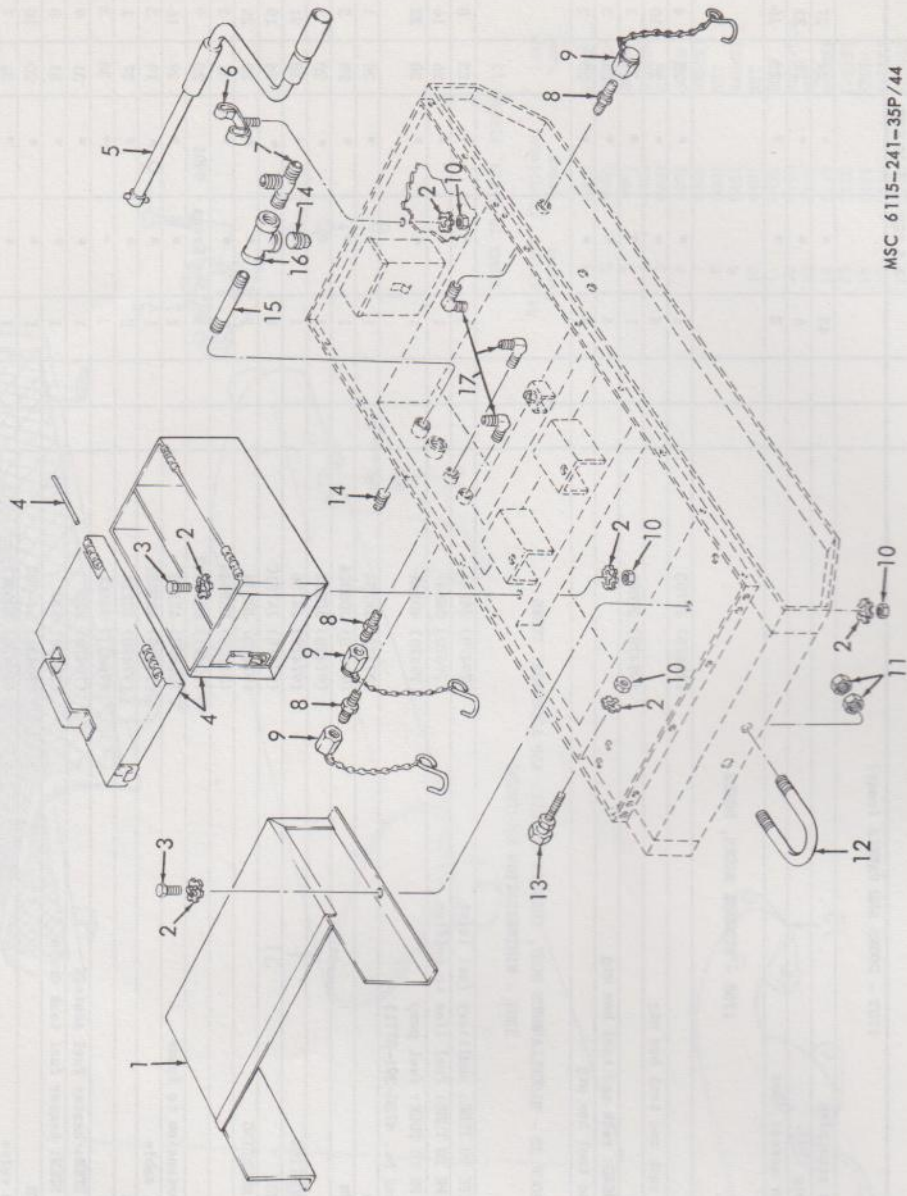
Reference Number	Functional Group	Item Name
1	1703	SEAL
2	1703	PANEL
3	1703	GROMMET
4	1703	WASHER
5	1703	NUT
6	1703	DOOR AY
7	1703	SCREW
8	1703	NUT
9	1703	GROMMET
10	1703	GROMMET
11	1703	SCREW
12	1703	FLANGE
13	1703	HOUSING
14	1703	SCREW
15	1703	DOOR
16	2207	NUT
17	2207	WASHER
18	2207	BRACKET
19	1703	PANEL
20	1703	PLUG
21	2207	SCREW
22	2210	SCREW
23	2210	PLATE
24	1703	RIVET
25	1703	SEAL
26	1703	SCREW
27	1703	WASHER
28	1703	GROMMET
29	1703	PLUG
30	1703	NUT
31	1703	WASHER
32	1703	POST
33	1703	SCREW
34	1703	PANEL
35	1703	SCREW
36	1703	WASHER
37	1703	DOOR
38	1703	DOOR
39	1703	SEAL
40	0608	CABLE AY
41	0608	NUT
42	0608	WASHER
43	0608	CABLE AY
44	0608	SCREW
45	0608	CONNECTOR
46	2210	PLATE
47	1703	POST
48	1703	SEAL
49	1703	NUT
50	1703	NUT
51	1703	SCREW
52	1703	SPRING

Figure 24. Housing and Roof.

SOURCE CODES	TECHNICAL SERVICE	SOURCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
									15 DAYS ORGANIZATIONAL MAINTENANCE		ITEM NO.		
									1-5 EQP	6-10 EQP			
					1703 - DOORS AND PANELS (cont)								
X2	0			5310-017-8518	WASHER, LOCK: housing attaching			43	*	*	*	24	27
X2	0			5310-587-4251	WASHER, LOCK: panel mtg			6	*	*	*	24	31
9	X2	0		5310-017-8364	WASHER, LOCK: radiator access door			3	*	*	*	23	16
					1706 - STORAGE RACKS, BOXES								
X2	0				BOX, TOOL			1	*	*	*	25	4
X2	0			5310-012-4818	NUT, PLAIN, HEXAGON: rack and tool box mtg			4	*	*	*	25	10
X2	0				RACK, STOWAGE			1	*	*	*	25	1
X2	0			5305-018-0020	SCREW, CAP, HEXAGON HEAD: rack and tool box mtg			4	*	*	*	25	3
X2	0			5310-017-8518	WASHER, LOCK: rack and tool box mtg			8	*	*	*	25	2
					GROUP 22 - MISCELLANEOUS BODY, CHASSIS OR HULL, AND ACCESSORY ITEMS								
					2207 - WINTERIZATION EQUIPMENT								
X2	0			4730-391-3771	ADAPTER, STRAIGHT, PIPE TO TUBE: auxiliary fuel inlet			1	*	*	*	25	8
X2	0			4730-288-9962	ADAPTER, STRAIGHT, PIPE TO TUBE: fuel line to orifice			1	*	*	*	26	16
X2	0				ADAPTER, STRAIGHT, PIPE TO TUBE: fuel pump			1	*	*	*	28	22
					(Supplied under Stock No. 4730-391-3771)								
X2	0				AIR DUCT: battery box			1	*	*	*	29	1
X2	0				ANGLE, HEATER HOLDDOWN			1	*	*	*	28	5
X2	0				BRACKET: heater mtg			1	*	*	*	28	7
X2	0				BRACKET, FUEL PUMP MOUNTING			1	*	*	*	28	21
X2	0				BRACKET, HEATER EXHAUST			1	*	*	*	24	18
X2	0				BRACKET, 3-WAY VALVE MOUNTING			1	*	*	*	28	25
X2	0				CAP, VENTED			1	*	*	*	31	3
X2	0			2910-859-4420	CAP NUT: w/chain			1	See Group	9901		25	9
X2	0				CLAMP: air strainer extension to frame			1	*	*	*	29	16
X2	0				CLAMP: heater control cable			1	*	*	*	19	3
X2	0			4730-289-5910	CLAMP, HOSE: air duct			2	*	*	*	27	1
X2	0			4820-639-9224	COCK, PLUG: 3-part			1	*	*	*	28	8
X2	0			4820-424-5874	COCK, SHUTOFF, SCREW STEM: heater fuel shutoff			1	*	*	*	31	9
X2	0			4820-254-8640	COCK, SHUTOFF, SCREW STEM: heater fuel tank drain			1	*	*	*	31	8
X2	0				CONTROL, CABLE, HEATER			1	*	*	*	20	10
X2	0			4730-415-3172	COUPLING, PIPE: drain valve			1	*	*	*	31	7
X2	0				COVER, HEATER TOP			1	*	*	*	26	1
X2	0			4730-221-3903	ELBOW, PIPE TO TUBE: auxiliary fuel inlet			1	*	*	*	25	17
X2	0				ELBOW, PIPE TO TUBE: strainer and valve			4	*	*	*	28	10
					(Supplied under Stock No. 4730-221-3903)								
X2	0				EXTENSION, AIR STRAINER			1	*	*	*	29	2
X2	0			2910-793-2921	FILTER, FLUID, PRESSURE			1	*	*	*	31	2

INDEX TO PARTS, FIGURE 25

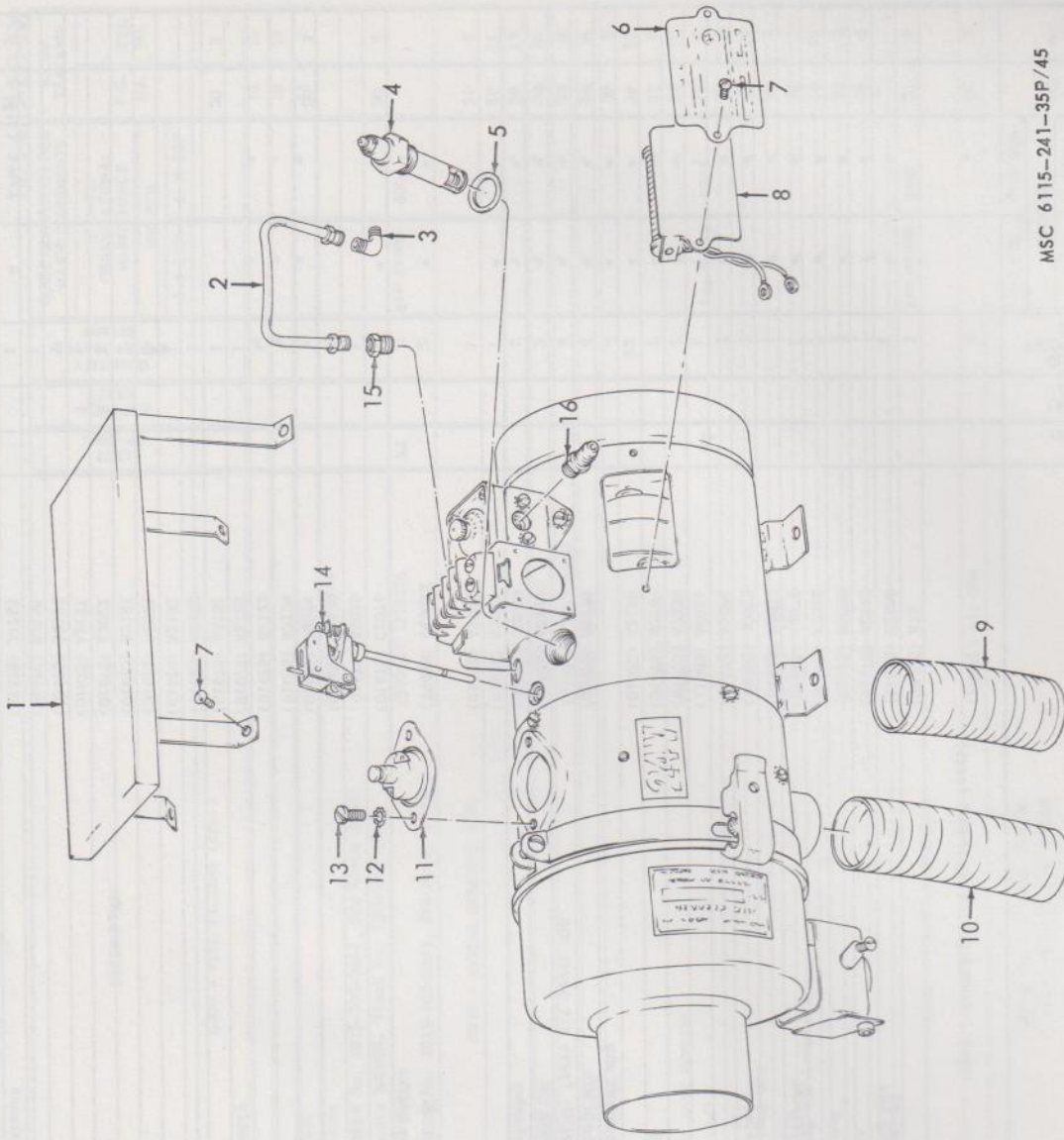
Reference Number	Functional Group	Item Name
1	1708	BACK
2	1501	WASHER
2	1708	WASHER
2	4019	WASHER
3	1708	SCREW
4	1708	BOX
5	2604	CRANK
6	1501	CLIP
7	0503	TEE
8	0306	ADAPTER
8	2207	ADAPTER
9	0306	CAPNUT
9	2207	CAPNUT
10	1501	NUT
10	1708	NUT
10	4019	NUT
11	1501	NUT
12	1501	BOLT
13	4019	LUG
14	0503	PLUG
15	0503	NIPPLE
16	0503	TEE
17	0306	ELBOW
17	2207	ELBOW



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Figure 25. Tool Box and Storage Rack.

TECHNICAL SERVICE	SOURCE	SOURCE CODES		FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS
		RECOVERABILITY	MAINTENANCE						15 DAYS ORGANIZATIONAL MAINTENANCE			
									1-5 EQP	6-10 EQP	2ND ECH	
					2207 - WINTERIZATION EQUIPMENT (cont)							
	P1 0			2930-599-3609	GASKET: oil pan flange pipe	(28265) 87A		1	See Group	9901		27
	X2 0	R			HEATER ASSEMBLY, MODEL AP-1530-24 BLOCK, TERMINAL	(01675) E2000		1	*	*		29
	X2 0				BRACKET: valve regulator	(01675) A2015		2	*	*		30
	X2 0				BRACKET, HEATER MOUNTING	(01675) B2055		2	*	*		29
	X2 0				CONNECTOR, RECEPTACLE, ELECTRICAL	(01675) A2012		1	*	*		30
	X2 0				COVER ASSEMBLY: air inlet	(01675) A2078		1	*	*		30
	X2 0			4730-277-8269	ELBOW, PIPE TO TUBE: fuel line	(01675) B2072		1	*	*		30
	P 0			6115-691-5493	GASKET: igniter	(79470) 400X3		1	*	*		26
	P 0			6115-691-5488	IGNITER ASSEMBLY	(01675) A2096		1	*	*		26
	X2 0			6115-788-2698	ORIFICE ASSEMBLY, METERING	(11583) A68X1		1	*	*		26
11	P 0			5905-709-9844	RESISTOR ASSEMBLY: complete	(01675) A2158		1	*	*		26
	X2 0			6115-861-9850	SCREW, HEATER: frame mtg	(01675) A2169		22	*	*		29
9	X2 0			5305-543-2580	SCREW, MACHINE: regulator bracket mtg	(01675) A2170		6	*	*		30
	X2 0			5305-013-2764	SCREW, MACHINE: terminal block mtg	(01675) A2173		4	*	*		29
	X2 0			5305-016-9512	SCREW, TAPPING, THREAD FORMING: fresh air cover mtg			4	*	*		29
	X2 0			5930-708-3589	SUPPORT ASSEMBLY, HEATER MOUNTING	(01675) A2149		2	*	*		29
	P 0			5930-708-2825	SWITCH, FLAME: combustion chamber	(01675) B2070		1	*	*		26
	P1 0				SWITCH, LIMIT	(01675) A2075		1	*	*		26
	M 0				TUBE ASSEMBLY, FUEL	(01675) A2082		1	*	*		26
	X2 0			4730-289-1958	MANUFACTURE FROM:			2	*	*		30
	P 0			4710-277-5524	INVERTED NUT, TUBE COUPLING	(79470) 6100X3	FT		See Group	9501		4
	P1 0			6115-691-5495	TUBE, COPPER (6 in. required)			1	*	*		30
	X1				VALVE, REGULATOR	(01675) C2076		1	*	*		30
	X1				ARMATURE: solenoid assembly	(01675) A2025		1				
	X1				CASE: coil	(01675) B2130		1				
	X1			5950-706-2351	COIL, SOLENOID: igniter	(01675) B2094		1				30
	X1				COVER: coil case	(01675) A2128		1				
	X1				COVER: regulator	(01675) B2122		1				
	X1				DIAPHRAGM: regulator assembly	(01675) A2123		1				
	X1			6115-706-5399	GASKET: coil	(01675) A2131		1				30
	X1			6115-589-5924	GASKET: needle	(01675) A2133		1				2
	X1				GASKET: solenoid sleeve	(01675) A2132		1				
	X1			6115-859-5925	NEEDLE ASSEMBLY	(01675) A2021		1				
	X1				SCREW, ADJUSTING	(01675) A2121		1				
	X1				SLEEVE: solenoid assembly	(01675) A2022		1				
	X1				SPRING: solenoid	(01675) A2127		1				
	X1			6115-859-5926	SPRING, ADJUSTING	(01675) A2134		1				
	X1				VALVE: body control	(01675) B2135		1				
	X2 0				HOSE, AIR DUCT: heater to crankcase	(97478) JA753		1	*	*		27
	X2 0				HOSE, FLEXIBLE, STEEL: heater to oil pan shroud	(97478) JA751B		1	*	*		26



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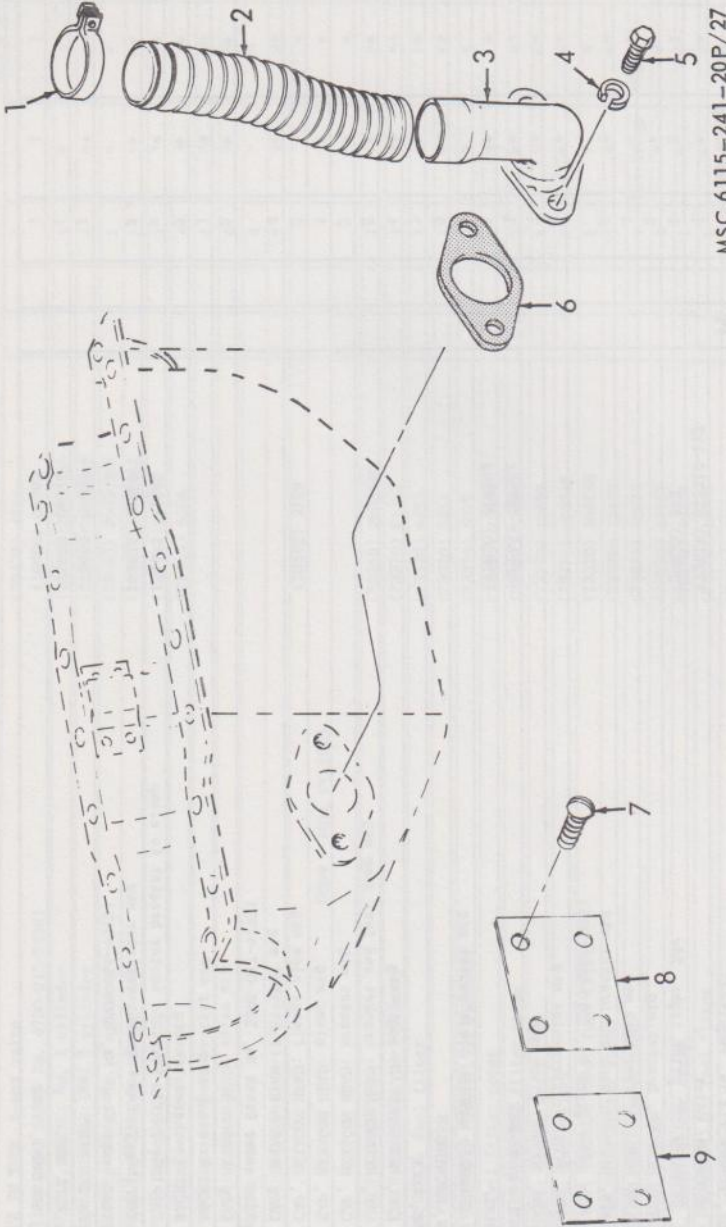
INDEX TO PARTS, FIGURE 26

Reference Number	Functional Group	Item Name
1	2207	COVER
2	2207	TUBE AY
3	2207	ELBOW
4	2207	IGNITER AY
5	2207	GASKET
6	2210	PLATE
7	2207	SCREW
8	2207	RESISTOR AY
9	2207	HOSE
10	2207	HOSE
11	2207	SWITCH
12	2207	WASHER
13	2207	SCREW
14	2207	SCREW
15	2207	ORIFICE AY
16	2207	ADAPTER

Figure 26. Heater.

INDEX TO PARTS, FIGURE 27

Reference Number	Functional Group	Item Name
1	2207	CLAMP
2	2207	HOSE
3	2207	PIPE
4	2207	WASHER
5	2207	SCREW
6	2207	GASKET
7	2210	SCREW
8	2210	PLATE
9	2210	PLATE

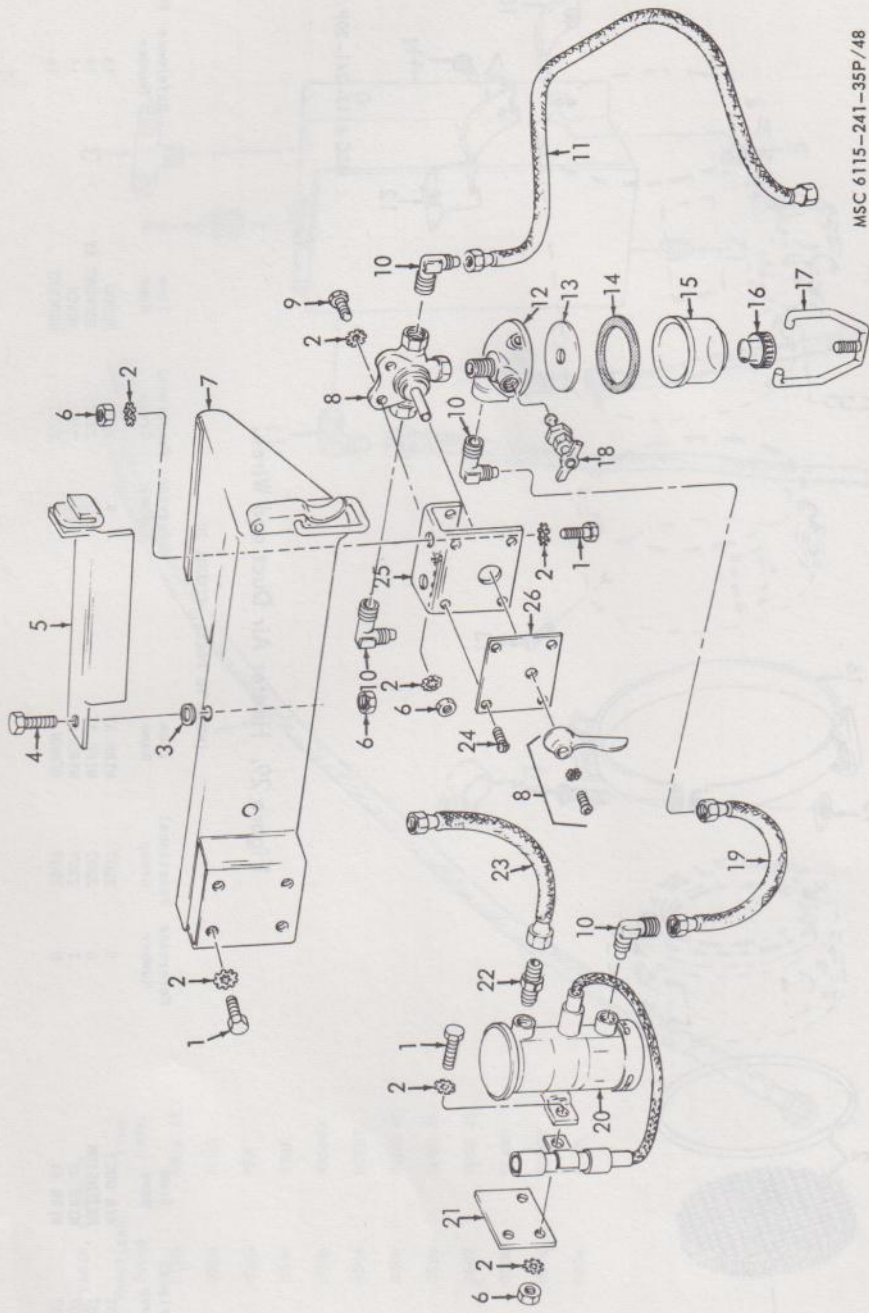


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Figure 27. Heater Hose and Name Plates.

TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS		ILLUSTRATIONS	
									1-5 EQP	6-10 EQP	FIG. NO.	ITEM NO.
					2207 - WINTERIZATION EQUIPMENT (cont)							
X2	0	0			HOSE, FLEXIBLE, STEEL: oil pan shroud to base			1	*	*	26	9
M	0	0			HOSE ASSEMBLY: auxiliary fuel inlet			1			28	11
X2	0	0		4730-540-0720	MANUFACTURE FROM: ADAPTER, STRAIGHT, TUBE TO HOSE			2	*	*		
P	0	0		4720-289-9625	HOSE, RUBBER (13 in. required)	FT			See Group	9501		

TECHNICAL SERVICE	SOURCE	SOURCE CODES		FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS				
		RECOVERABILITY	MAINTENANCE						15 DAYS ORGANIZATIONAL MAINTENANCE							
									1-5 EQP	6-10 EQP	FIG. NO.		ITEM NO.			
					2207 - WINTERIZATION EQUIPMENT (cont)											
	M	0			HOSE ASSEMBLY: gas tank to strainer MANUFACTURE FROM: (97478) JA750-12			1				31	10			
	X2	0		4730-540-0720	ADAPTER, STRAIGHT, TUBE TO HOSE			2	*		*					
	P	0		4720-289-9625	HOSE, RUBBER (12 in. required)	FT		See Group		9501						
	M	0			HOSE ASSEMBLY: pump to heater MANUFACTURE FROM: (97478) JA75015			1				28	23			
	X2	0		4730-540-0720	ADAPTER, STRAIGHT, TUBE TO HOSE			2	*		*					
	P	0		4720-289-9625	HOSE, RUBBER (15 in. required)	FT		See Group		9501						
	M	0			HOSE ASSEMBLY: 3-way valve to fuel pump MANUFACTURE FROM: (97478) JA750-14			1				28	19			
	X2	0		4730-540-0720	ADAPTER, STRAIGHT, PIPE TO HOSE			2	*		*					
	P	0		4720-289-9625	HOSE, RUBBER (14 in. required)	FT		See Group		9501						
	X2	0		6210-295-1907	LIGHT, INDICATOR: pilot			1	*		*	20	26			
	P	0		6240-155-8714	LAMP, INCANDESCENT: pilot light, 24v			1	1		1	20	27			
	X2	0		5310-012-3179	NUT, PLAIN, HEXAGON: bracket mtg			2	*		*	24	16			
9	X2	0		5310-266-0385	NUT, PLAIN, HEXAGON: fuel tank mtg			4	*		*	31	6			
9	X2	0			NUT, PLAIN, HEXAGON: pump and bracket mtg (Supplied under Stock No. 5310-266-0385)			5	*		*	28	6			
	X2	0		5310-010-3092	NUT, PLAIN, HEXAGON: thermostat mtg			2	*		*	21	14			
	X2	0		5310-012-0372	NUT, PLAIN, SQUARE: clamp mtg			1	*		*	29	15			
	X2	0		2015-360-4108	PIPE, OIL PAN FLANGE			1	*		*	27	3			
	P	0		6115-573-5653	PUMP, FUEL			1	*		*	20	20			
	A	0			SCREW, ASSEMBLED WASHER: limit switch mtg			2								
9	X2	0		5305-543-2580	SCREW, MACHINE			2	*		*	26	13			
	X2	0		5310-011-5544	WASHER, LOCK			2	*		*	26	12			
	X2	0		5305-017-9795	SCREW, CAP, HEXAGON HEAD: angle mtg			1	*		*	28	4			
	X2	0		5305-261-1822	SCREW, CAP, HEXAGON HEAD: bracket and fuel pump mtg			5	*		*	28	1			
9	X2	0		5305-331-8032	SCREW, CAP, HEXAGON HEAD: bracket mtg			2	*		*	24	21			
9	X2	0		5305-543-5267	SCREW, CAP, HEXAGON HEAD: clamp mtg			1	*		*	19	5			
9	X2	0		5305-017-9838	SCREW, CAP, HEXAGON HEAD: flange pipe mtg			2	*		*	27	5			
	X2	0			SCREW, CAP, HEXAGON HEAD: fuel tank mtg (Supplied under Stock No. 5305-017-9795)			4	*		*	31	4			
9	X2	0		5305-017-9791	SCREW, CAP, HEXAGON HEAD: valve mtg			2	*		*	28	9			
9	X2	0		5305-012-0657	SCREW, MACHINE: clamp mtg			1	*		*	29	14			
9	X2	0		5305-543-2580	SCREW, MACHINE: thermostat mtg			2	*		*	21	11			
9	X2	0		5305-016-9512	SCREW, TAPPING, THREAD FORMING: heater bracket to clamp			4	*		*	29	11			
9	X2	0			SCREW, TAPPING, THREAD FORMING: resistor mtg (Supplied under Stock No. 5305-016-9512)			2	*		*	26	7			
	P1	0		4730-593-6720	STRAINER, SEDIMENT: fuel			1	*		*					
	X1			2910-358-4335	BAIL, FUEL BOWL			1				28	17			
	P	0		2910-269-7126	BOWL, SEDIMENT, FUEL			1	1		1	28	15			

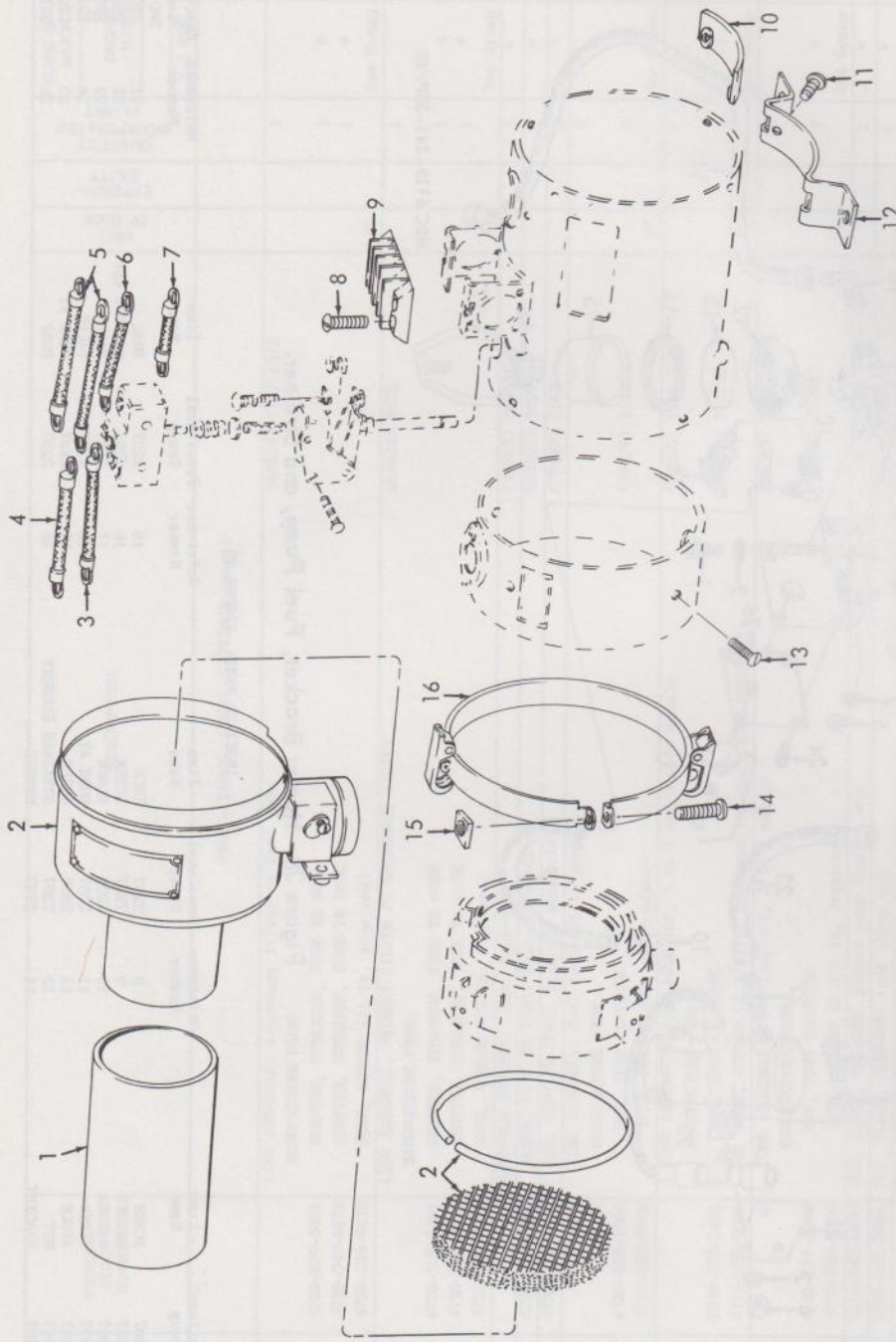


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Figure 28. Heater Bracket, Fuel Pump, and Strainer.

INDEX TO PARTS, FIGURE 28

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	2207	SCREW	15	2207	BOWL	21	2207	BRACKET
2	2207	WASHER	16	2207	NUT AND CUP	22	2207	ADAPTER
3	2207	WASHER	17	2207	BALL	23	2207	HOSE AY
4	2207	SCREW	18	2207	VALVE	24	2210	SCREW
5	2207	ANGLE	19	2207	HOSE AY	25	2207	BRACKET
6	2207	NUT	20	2207	PUMP	26	2210	PLATE
7	2207	BRACKET						
8	2207	COCK						
9	2207	SCREW						
10	2207	ELBOW						
11	2207	HOSE AY						
12	2207	COVER						
13	2207	STRAINER ELEMENT						
14	2207	WASHER						

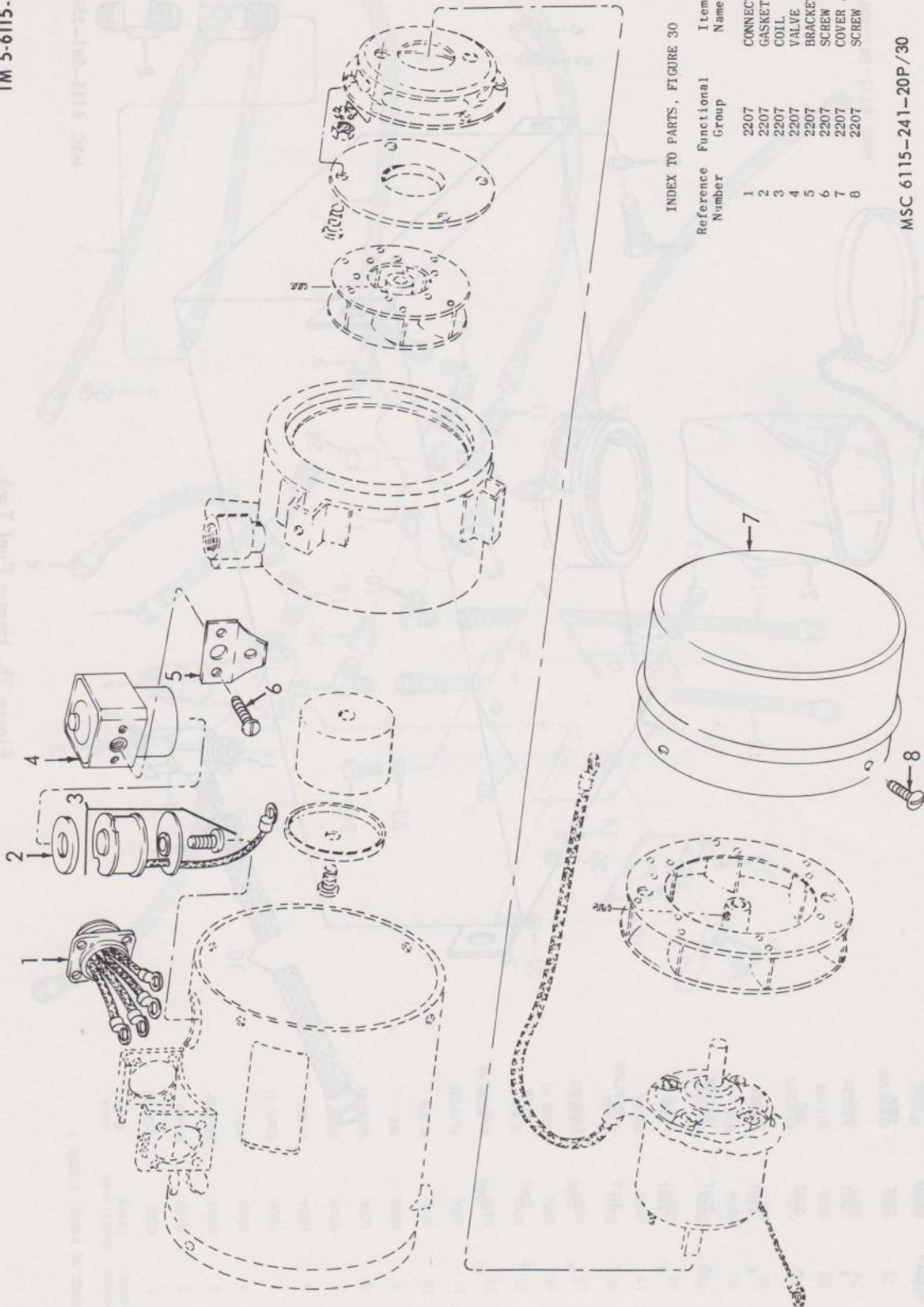


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Figure 29. Heater Air Duct and Wires.

INDEX TO PARTS, FIGURE 29

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	2207	AIR DUCT	9	2207	BLOCK SUPPORT AY	13	2207	SCREW
2	2207	EXTENSION	10	2207	WIRE AY	14	2207	SCREW
3	2207	WIRE AY	11	2207	WIRE AY	15	2207	NUT
4	2207	WIRE AY	12	2207	WIRE AY	16	2207	CLAMP



INDEX TO PARTS, FIGURE 30

Reference Number	Functional Group	Item Name
1	2207	CONNECTOR
2	2207	GASKET
3	2207	COIL
4	2207	VALVE
5	2207	BRACKET
6	2207	SCREW
7	2207	COVER AY
8	2207	SCREW

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Figure 30. Heater Regulator Valve and Cover.

INDEX TO PARTS, FIGURE 31

Reference Number	Functional Group	Item Name
1	2207	TANK
2	2207	FILTER
3	2207	CAP
4	2207	SCREW
5	2207	WASHER
6	2207	NUT
7	2207	COUPLING
8	2207	COCK
9	2207	COCK
10	2207	HOSE AY

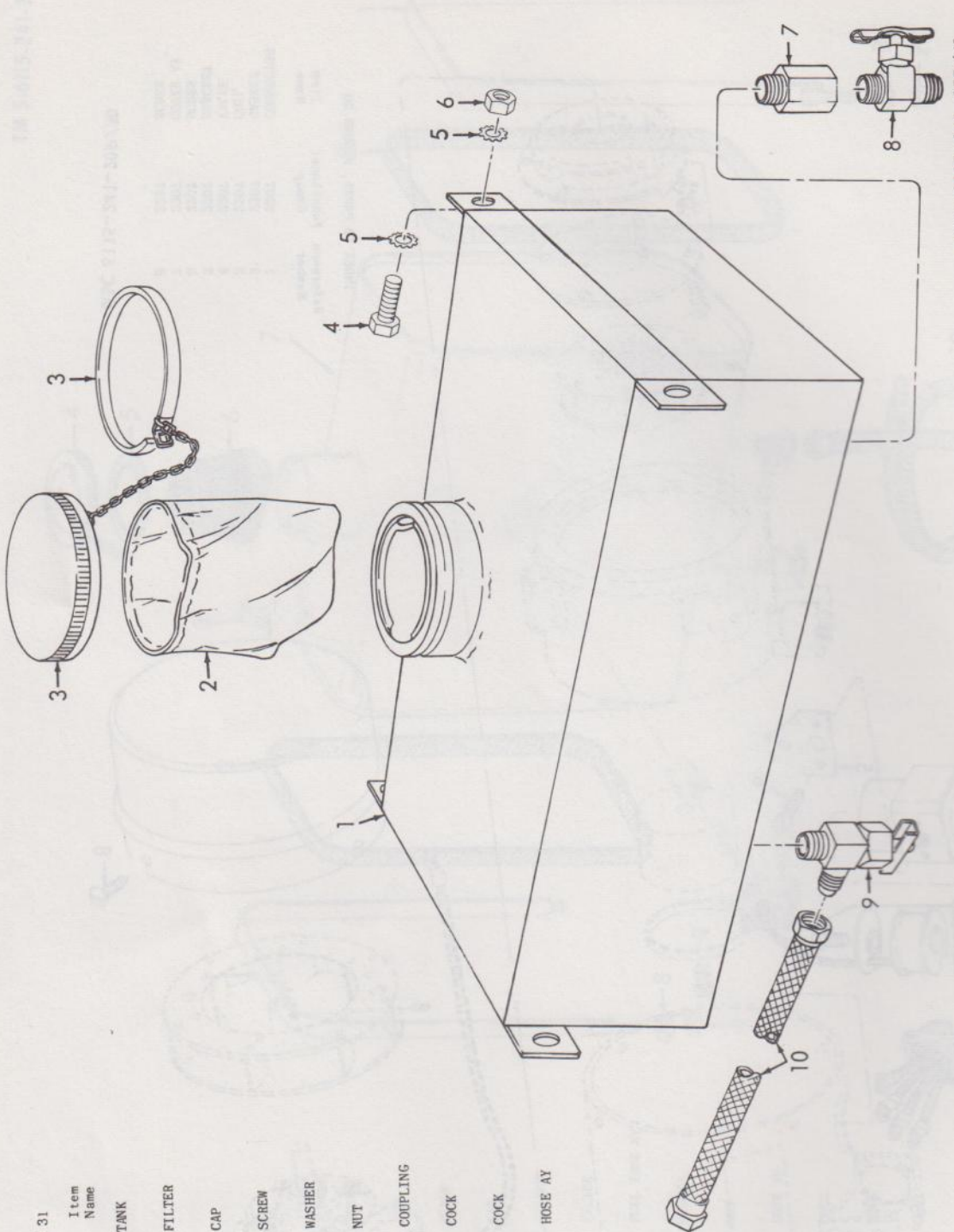


Figure 31. Heater Fuel Tank.

TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	
									15 DAYS ORGANIZATIONAL MAINTENANCE		FIG. ITEM NO.		
									1-5 EQP	6-10 EQP			
2207 - WINTERIZATION EQUIPMENT (cont)													
X1				6115-886-9356	COVER, FUEL STRAINER			1				28	12
X1				2910-356-0930	NUT AND CUP, FILTER SEALING			1				28	16
9	X2	0		2910-142-2738	STRAINER ELEMENT, SEDIMENT			1	*			28	13
	X2	0		2540-703-9134	VALVE			1	*			28	18
	P	0		5330-187-2962	WASHER, NONMETALLIC: bowl ring			1	*			28	14
	P1	0		5930-678-3439	SWITCH, THERMOSTAT: 24v			1	*			21	9
	P1	0		5930-691-0179	SWITCH, THERMOSTAT: heater			1	*			20	9
	X2	0			TANK, FUEL: heater			1	*			31	1
9	X2	0		5310-010-6261	WASHER, FLAT: angle mtg			1	*			28	3
	X2	0		5310-017-3124	WASHER, LOCK: bracket mtg			4	*			24	17
	X2	0		5310-017-8518	WASHER, LOCK: clamp mtg			1	*			19	4
	X2	0		5310-261-7340	WASHER, LOCK: flange pipe mtg			2	*			27	4
	X2	0		5310-017-3124	WASHER, LOCK: fuel tank mtg			8	*			31	5
	X2	0			WASHER, LOCK: pump, valve and bracket mtg			7	*			28	2
					(Supplied under Stock No. 5310-017-3124)								
	X2	0		5310-011-5544	WASHER, LOCK: thermostat mtg			2	*			21	10
	M	0			WIRE ASSEMBLY: limit switch to flame switch			1				29	4
					(01675) A2153-8								
	X2	0		5940-050-6207	MANUFACTURE FROM:			2	*				
	P	0		6145-299-4412	TERMINAL, LUG		FT						
					WIRE, ELECTRICAL (8 in. required)			2		9501			
	M	0			WIRE ASSEMBLY: limit switch to terminal block			2				29	5
					(01675) A2153-12								
	X2	0		5940-050-6207	MANUFACTURE FROM:			4	*				
	P	0		6145-299-4412	TERMINAL, LUG		FT						
					WIRE, ELECTRICAL (12 in. required for each WIRE ASSEMBLY)			1		9501		29	7
	M	0			WIRE ASSEMBLY: terminal block to flame switch			1					
					(01675) A2153-3								
	X2	0		5940-050-6207	MANUFACTURE FROM:			2	*				
	P	0		6145-299-4412	TERMINAL, LUG		FT						
					WIRE, ELECTRICAL (3 in. required)			1		9501		29	3
	M	0			WIRE ASSEMBLY: terminal block to flame switch			1					
					(01675) A2153-6								
	X2	0		5940-050-6207	MANUFACTURE FROM:			2	*				
	P	0		6145-299-4412	TERMINAL, LUG		FT						
					WIRE, ELECTRICAL (6 in. required)			2		9501			
	M	0			WIRE ASSEMBLY: terminal block to igniter			1				29	6
					(01675) A2153-9								
	X2	0		5940-050-6207	MANUFACTURE FROM:			2	*				
	P	0		6145-299-4412	TERMINAL, LUG		FT						
					WIRE, ELECTRICAL (9 in. required)			2		9501			
					2210 - DATA PLATES								
9	X2	0		5310-013-1417	NUT, PLAIN, CAP: plate mtg			16	*				
	X2	0			PLATE, IDENTIFICATION: auxiliary fuel inlet			1	*			23	3
					(97478) JB262B								

TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS
									ORGANIZATIONAL MAINTENANCE		FIG. ITEM NO.	
									1-5 EQP	6-10 EQP		
					2210 - DATA PLATES (cont)							
	X2	0			PLATE, IDENTIFICATION: auxiliary fuel return (97478) JB262C			1	*	*	23	4
	X2	0			PLATE, IDENTIFICATION: auxiliary gasoline inlet (97478) JB262L			1	*	*	24	23
	X2	0			PLATE, IDENTIFICATION: engine control (97478) JA813			1	*	*	33	17
	X2	0			PLATE, IDENTIFICATION: gasoline shut-off (97478) JB262I			1	*	*	23	8
	X2	0			PLATE, IDENTIFICATION: ground (97478) JB262A			1	*	*	24	46
	X2	0			PLATE, IDENTIFICATION: heater (01675) A767			1	*	*	26	6
	X2	0			PLATE, IDENTIFICATION: heater switch and panel light (97478) JA814			1	*	*	33	25
	X2	0			PLATE, IDENTIFICATION: manufacture data (97478) JA496			1	*	*	33	4
	X2	0			PLATE, IDENTIFICATION: oil drain (97478) JB262D			1	*	*	23	5
	X2	0			PLATE, IDENTIFICATION: overspeed reset (97478) JB262H			1	*	*	19	12
	X2	0			PLATE, IDENTIFICATION: panel light (97478) JB424			1	*	*	20	5
	X2	0			PLATE, IDENTIFICATION: receptacle (97478) JA816			1	*	*	23	24
	X2	0			PLATE, IDENTIFICATION: regulator control and on-off switch (97478) J200C			1	*	*	33	30
	X2	0			PLATE, IDENTIFICATION: water drain (97478) JB262E			1	*	*	23	6
	X2	0			PLATE, IDENTIFICATION: 3-way valve (97478) JB262K			1	*	*	28	26
	X2	0			PLATE, IDENTIFICATION: 6-way valve (97478) JB262J			1	*	*	7	18
	X2	0			PLATE, INSTRUCTION: air heating system (97478) JB725			1	*	*	33	16
	X2	0			PLATE, INSTRUCTION: battery ground disconnect (97478) JA267B			1	*	*	33	13
	X2	0			PLATE, INSTRUCTION: circuit breaker (97478) JA812			1	*	*	33	21
	X2	0			PLATE, INSTRUCTION: engine (28265) 39898A			1	*	*	27	8
	X2	0			PLATE, INSTRUCTION: fuel diagram (97478) JB724			1	*	*		
	X2	0			PLATE, INSTRUCTION: heater wiring diagram (01675) B2136			1	*	*		
	X2	0			PLATE, INSTRUCTION: voltage requirement check (97478) JA267A			1	*	*	33	11
	X2	0			PLATE, OPERATING INSTRUCTIONS (97478) JB726			1	*	*		
	X2	0			PLATE, PATENT NUMBER: engine (28265) 204023			1	*	*	27	9
	X2	0			PLATE, WIRING DIAGRAM (97478) JDE1015			1	*	*		
9	X2	0		6115-886-4350	PLATE, WIRING DIAGRAM (28265) 2189			8	*	*	27	7
	X2	0		5305-014-5367	SCREW, MACHINE: plate mtg			16	*	*		
9	X2	0		5305-012-1832	SCREW, MACHINE: plate mtg			2	*	*	7	16
9	X2	0		5305-741-3779	SCREW, TAPPING, THREAD FORMING: plate mtg (Supplied under Stock No. 5305-741-3779)			2	*	*	19	13
9	X2	0			SCREW, TAPPING, THREAD FORMING: plate mtg (Supplied under Stock No. 5305-741-3779)			14	*	*	23	2
9	X2	0			SCREW, TAPPING, THREAD FORMING: plate mtg (Supplied under Stock No. 5305-741-3779)			4	*	*	24	22
9	X2	0			SCREW, TAPPING, THREAD FORMING: plate mtg (Supplied under Stock No. 5305-741-3779)			4	*	*	28	24
9	X2	0			SCREW, TAPPING, THREAD FORMING: plate mtg (Supplied under Stock No. 5305-741-3779)			18	*	*	33	5
9	X2	0			SCREW, TAPPING, THREAD FORMING: plate mtg (Supplied under Stock No. 5305-741-3779)			4	*	*		

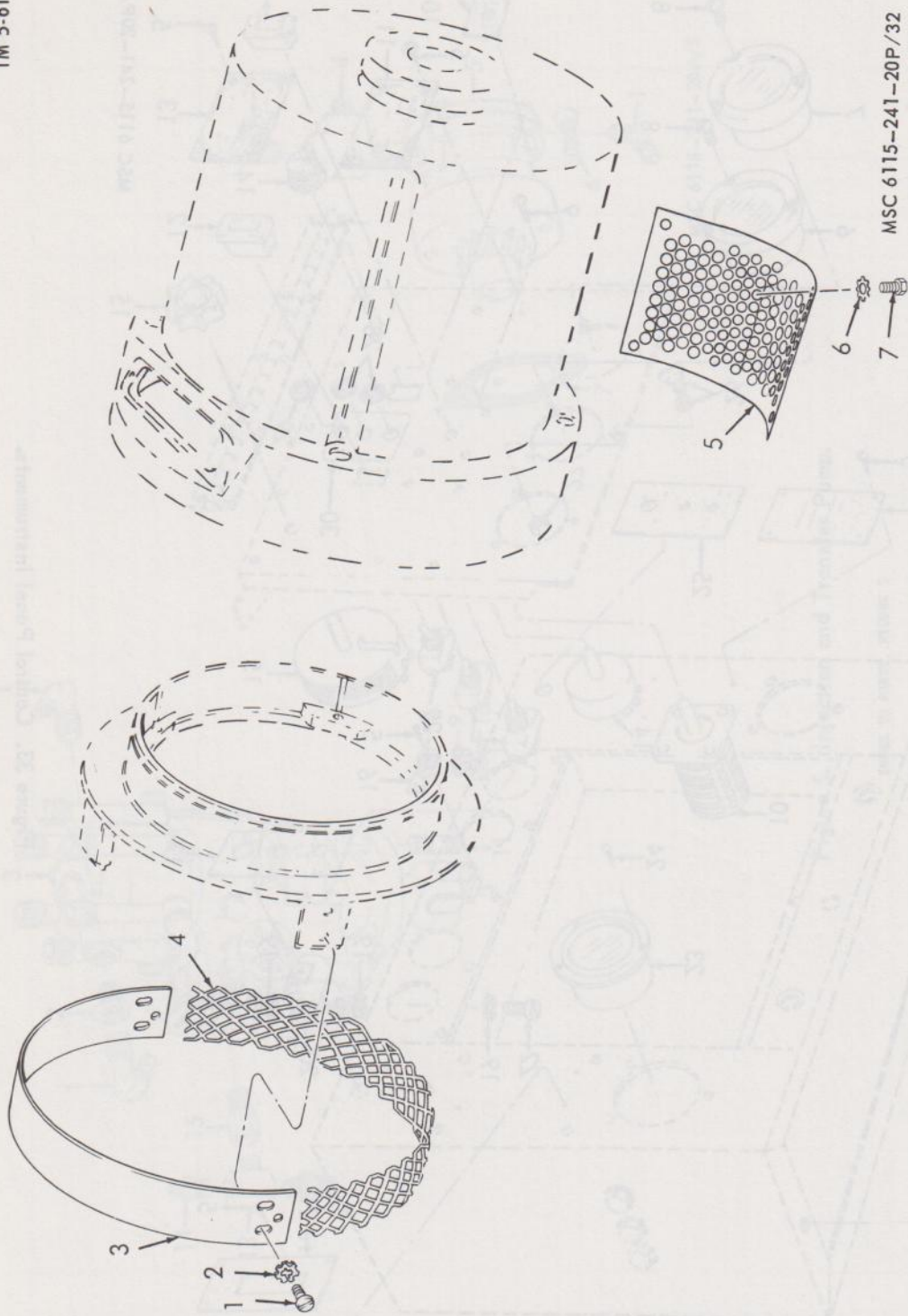
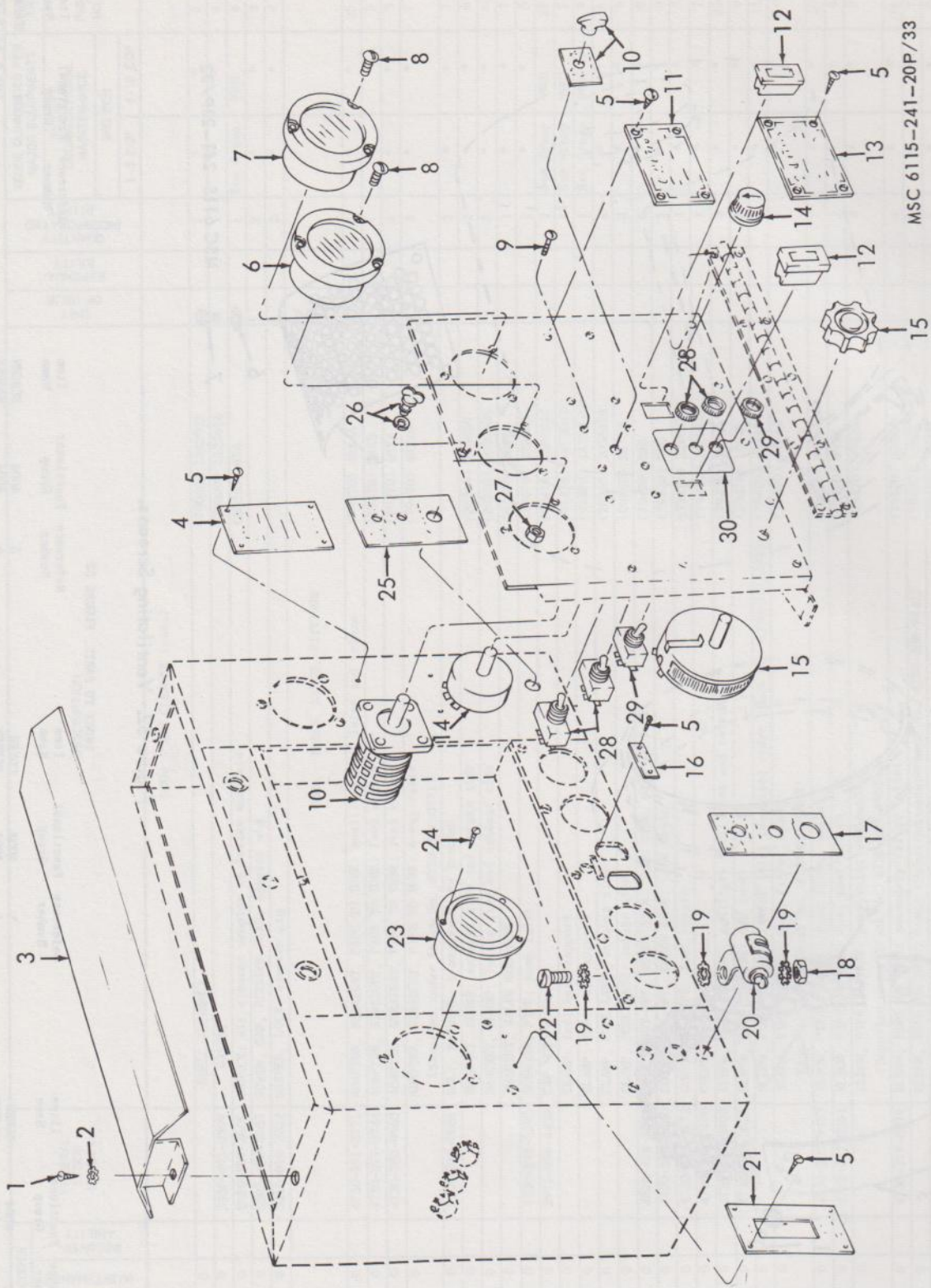


Figure 32. Ventilating Screens.

INDEX TO PARTS, FIGURE 32

Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	4004	SCREW	5	4004	SCREEN	7	4004	SCREW
2	4004	WASHER	6	4004	WASHER			
3	4004	COVER						
4	4004	SCREEN						



MSC 6115-241-20P/33

Figure 33. Control Panel Instruments.

INDEX TO PARTS, FIGURE 33

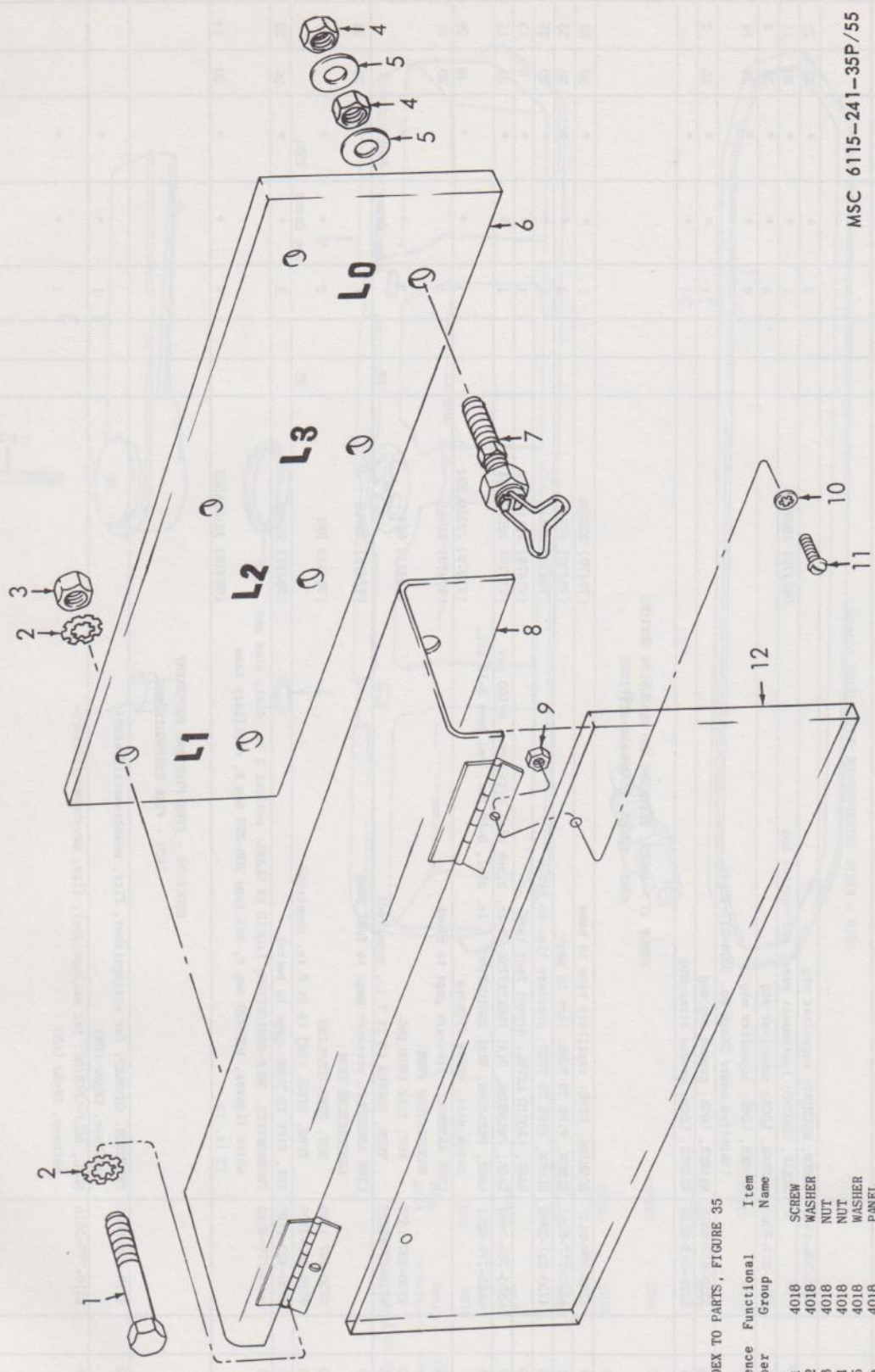
Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name	Reference Number	Functional Group	Item Name
1	4009	SCREW	9	4012	SCREW	17	2210	PLATE
2	4009	WASHER	10	4012	SWITCH	18	4019	NUT
3	4009	COVER	11	2210	PLATE	19	4019	WASHER
4	2210	PLATE	12	4009	LAMP	20	4019	CAPACITOR
5	2210	SCREW	13	2210	PLATE	21	2210	PLATE
6	4009	VOLTMETER	14	4014	RESISTOR	22	4019	SCREW
7	4009	AMMETER	15	4014	RESISTOR	23	4009	METER
8	4009	SCREW	16	2210	PLATE			

Reference Number	Functional Group	Item Name
24	4009	SCREW
25	2210	PLATE
26	4009	FASTENER
27	4009	NUT
28	4012	SWITCH
29	4012	SWITCH
30	2210	PLATE

SOURCE CODES	TECHNICAL SERVICE	SOURCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS		
									1-5 EQP	15 DAYS ORGANIZATIONAL MAINTENANCE	2ND ECH	FIG. NO.	ITEM NO.	
														6-10 EQP
					GROUP 26 - ACCESSORIES, PUBLICATIONS, TEST EQUIPMENT AND TOOLS 2602 - ACCESSORIES									
					HOSE ASSEMBLY, FUEL: auxiliary MANUFACTURE FROM: ADAPTER, STRAIGHT, TUBE TO HOSE ADAPTER, STRAIGHT, TUBE TO HOSE HOSE, RUBBER (24 ft required for each HOSE ASSEMBLY)	FT		2					9	9
					GROUP 40 - GENERATORS 4004 - VENTILATING SYSTEM									
					COVER, ADAPTER FRAME SCREEN, ADAPTER FRAME SCREEN, VENTILATING: main generator and exciter SCREW, MACHINE: adapter screen mtg SCREW, TAPPING, THREAD FORMING: exciter screen mtg SCREW, TAPPING, THREAD FORMING: main generator screen mtg WASHER, LOCK: cover and screen mtg WASHER, LOCK: exciter screen mtg WASHER, LOCK: main generator screen			1	*	*	*	32	3	
					(24446) 945A939-2 (24446) 945A939-1 (24446) 945A939			1	*	*	*	32	4	
					5305-013-1375 5305-017-1009 5305-016-9496 5310-012-0423 5310-017-6376 5310-013-8479			3	*	*	*	32	5	
					9 X2 0 9 X2 0 9 X2 0 9 X2 0 9 X2 0			4	*	*	*	32	1	
					4009 - CONTROL PANELS, HOUSINGS, CUBICLES			4	*	*	*	32	7	
					AMMETER: ac CONNECTOR, RECEPTACLE, ELECTRICAL: duplex 15 amp, 125v, grounding type, control panel COVER, CONTROL BOX FASTENER LAMP, GLOW: synchronizing			8	*	*	*	32	2	
					(97478) JW1-1534 (84258) 5014 (97478) JB708 (94222) 44-1-2-0 (84258) 329			4	*	*	*	32	6	
					6625-547-9903 5935-779-8208			8	*	*	*	32	6	
					11 P1 0 11 X2 0			1	*	*	*	33	7	
					X2 0 X2 0			1	*	*	*	20	20	
					P 0			1	*	*	*	33	3	
								1	*	*	*	33	26	
								2	1	3		33	12	

SOURCE CODES	TECHNICAL SERVICE	SOURCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS		ILLUSTRATIONS	
									15 DAYS ORGANIZATIONAL MAINTENANCE		FIG. NO.	ITEM NO.
									1-5 EQP	6-10 EQP		
4009 - CONTROL PANELS, HOUSINGS, CUBICLES (cont)												
					LAMP, INCANDESCENT: panel light, 24v (6E)			2	1	3	20	2
				6240-153-7866								
				6210-299-3084	LIGHT, PANEL: control panel, w/shield			2	*	*	20	1
				6625-573-5679	METER, ELECTRICAL, FREQUENCY			1	*	*	33	23
				5310-010-3092	NUT, PLAIN, HEXAGON: receptacle mtg			2	*	*	20	18
				5310-017-8992	NUT, PLAIN, HEXAGON: voltmeter and ammeter mtg			6	*	*	33	27
				5305-043-6693	SCREW, MACHINE: receptacle mtg			2	*	*	20	31
				5305-016-4354	SCREW, TAPPING, THREAD FORMING: control box cover			2	*	*	33	1
				5305-016-4321	SCREW, TAPPING, THREAD FORMING: frequency meter mtg			3	*	*	33	24
				5305-016-9450	SCREW, TAPPING, THREAD FORMING: voltmeter and ammeter mtg, meter attaching			6	*	*	33	8
				6625-547-9904	VOLTMETER: ac			1	*	*	33	6
				5310-017-8362	WASHER, LOCK: control box cover			2	*	*	33	2
					WASHER, LOCK: receptacle mtg			2	*	*	20	19
					(Supplied under Stock No. 5310-017-8362)							
					WIRE, ELECTRICAL: panel light							
					MANUFACTURE FROM:							
				6145-284-0660	WIRE, ELECTRICAL (24 in. required)				See Group	9501		3
4011 - CIRCUIT BREAKERS, FUSE AND FUSE HOLDERS												
					BLOCK, FUSE: 3-point			1	*	*	34	17
					BLOCK, FUSE: 4-point			1	*	*	34	20
				5920-729-8584	FUSE, CARTRIDGE: 10 amp, 125v			6	(2)	(5)	34	15
				5920-539-7845	FUSE, CARTRIDGE: 15 amp, 250v			1	(1)	(1)	34	21
				5305-016-3729	SCREW, TAPPING, THREAD FORMING: block mtg			4	*	*	34	18
				5310-011-5544	WASHER, LOCK: block mtg			4	*	*	34	19
4012 - SWITCHES												
					SCREW, MACHINE: rotary switch mtg			4	*	*	33	9
				5930-547-9906	SWITCH, ROTARY TRANSFER: ammeter to voltmeter			1	*	*	33	10
				5930-775-7696	SWITCH, TOGGLE: synchronizing lights and parallel compensation			2	*	*	33	28
				5930-776-8922	SWITCH, TOGGLE: voltage regulator, 15 amp, 250v, dpdt			1	*	*	33	29
4014 - RESISTORS												
					RESISTOR, ADJUSTABLE: cross current compensation, 50 watt, 1 ohm, variable			1	*	*	34	27
				5905-018-3170	RESISTOR, VARIABLE: field resistance, type H-100, .33-.15 amp, 2500 ohm, insulated for 300v			1	*	*	33	14
				5905-279-2002	RESISTOR, VARIABLE: voltage regulating, 25 watt, 125 ohm			1	*	*	33	15
				5305-016-9512	SCREW, TAPPING, THREAD FORMING: resistor mtg			2	*	*	34	26
				5310-017-8378	WASHER, LOCK: resistor mtg			2	*	*	34	4

4015 - RELAY		4016 - TERMINAL BLOCKS		4019 - RADIO INTERFERENCE SUPPRESSION			
11	X2 0	5310-012-0622	NUT, PLAIN, HEXAGON: relay mtg	2	*	34	31
	P 0	5945-775-2415	RELAY, ARMATURE: safety control, 10 amp, 24-28v, dc	1	*	34	29
9	X2 0	5305-016-9464	SCREW, TAPPING, THREAD FORMING: relay mtg	2	*	34	28
9	X2 0	5310-017-8369	WASHER, LOCK: relay mtg	2	*	34	30
4016 - TERMINAL BLOCKS							
	X2 0	6115-805-3073	BLOCK, TERMINAL: 10-point, 3-fuse	1	*	34	16
	X2 0		BLOCK, TERMINAL: 10-point, 4-fuse	1	*	34	24
	X2 0		BRACKET: link panel mtg	1	*	34	6
	X2 0		BRACKET: load terminal board attaching	1	*	35	8
9	X2 0	5310-266-0385	NUT, PLAIN, HEXAGON: load terminal board attaching	3	*	35	3
9	X2 0	5310-017-8992	NUT, PLAIN, HEXAGON: shield mtg	2	*	35	9
9	X2 0	5310-042-6903	NUT, PLAIN, HEXAGON: terminal block and panel assembly, link mtg	6	*	34	5
	X2 0		PANEL ASSEMBLY: link	1	*		
	X2 0	6115-019-5010	LINK, CONNECTOR	7	*	34	10
9	X2 0	5310-011-3739	NUT, PLAIN, HEXAGON: stud mtg	32	*	34	11
9	X2 0	5310-013-7893	NUT, PLAIN, WING: stud mtg	10	*	34	9
	X2 0		PANEL, LINK	1	*	34	14
	X2 0	5307-354-3173	STUD, CONTINUOUS THREAD: lead and bus bar to link panel attaching	11	*	34	13
9	X2 0	5310-011-5547	WASHER, LOCK: stud mtg	20	*	34	12
9	X2 0	5305-022-7450	SCREW, CAP, HEXAGON HEAD: load terminal board attaching	3	*	35	1
	X2 0	5305-043-6664	SCREW, MACHINE: shield mtg	2	*	35	11
9	X2 0	5305-013-2908	SCREW, MACHINE: terminal block mtg	4	*	34	22
9	X2 0	5305-016-5111	SCREW, TAPPING, THREAD FORMING: link panel bracket mtg	4	*	34	7
9	X2 0	5305-017-1009	SCREW, TAPPING, THREAD FORMING: link panel mtg	4	*	34	8
	X2 0		SHIELD, LUCITE: operator protective	1	*	35	12
	X2 0	6115-650-3087	TERMINAL BOARD, CONTROL PANEL: load terminal	1	*		
9	X2 0	5310-013-4570	NUT, PLAIN, HEXAGON: terminal board lead attaching	8	*	35	4
	X2 0		PANEL, PHENOLIC: load terminal board	1	*	35	6
	X2 0		POST, TERMINAL: load terminal board	4	*	35	7
9	X2 0	5310-011-4949	WASHER, FLAT: terminal board lead attaching	8	*	35	5
9	X2 0	5310-582-5676	WASHER, FLAT: terminal block mtg	4	*	34	23
9	X2 0	5310-017-8378	WASHER, LOCK: link panel mtg	4	*	34	4
	X2 0	5310-017-3124	WASHER, LOCK: load terminal board attaching	6	*	35	2
9	X2 0	5310-013-8526	WASHER, LOCK: shield mtg	2	*	35	10
	X2 0	5310-017-8383	WASHER, LOCK: terminal block mtg	4	*	34	25
4019 - RADIO INTERFERENCE SUPPRESSION							
11	P 0	5910-280-9984	CAPACITOR, FIXED, PAPER DIELECTRIC: load terminals	2	(1)	(1)	34
11	P 0	5910-127-8429	CAPACITOR, FIXED, PAPER DIELECTRIC: voltage regulator	6	(1)	(2)	33
	X2 0		LUG: external ground, with nut and retainer	1	*	25	13
	X2 0	5310-012-0622	NUT, PLAIN, HEXAGON: capacitor mtg	3	*	33	18
	X2 0	5310-298-9270	NUT, PLAIN, HEXAGON: capacitor mtg	3	*	34	32
9	X2 0	5310-012-4818	NUT, PLAIN, HEXAGON: ground lug mtg	1	*	25	10
9	X2 0	5310-266-4162	NUT, PLAIN, HEXAGON: ground strap mtg	1	*		
9	X2 0	5305-276-7950	SCREW, MACHINE: capacitor mtg	3	*	34	3



INDEX TO PARTS, FIGURE 35

Reference Number	Functional Group	Item Name
1	4018	SCREW
2	4018	WASHER
3	4018	NUT
4	4018	NUT
5	4018	WASHER
6	4018	PANEL
7	4018	POST
8	4018	BRACKET
9	4018	NUT
10	4018	WASHER
11	4018	SCREW
12	4018	SHIELD

Figure 35. Load Terminal Board.

SOURCE CODES	TECHNICAL SERVICE	SOURCE	MAINTENANCE	RECOVERABILITY	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	EXPENDABILITY	QUANTITY INCORPORATED IN UNIT	GUIDE QUANTITIES PER MAJOR EQUIPMENTS			ILLUSTRATIONS	ITEM NO.
										15 DAYS ORGANIZATIONAL MAINTENANCE		6-10 EQP		
										1-5 EQP	2ND ECH			
						4019 - RADIO INTERFERENCE SUPPRESSION (cont)								
9	X2	0	0		5305-286-1932	SCREW, MACHINE: capacitor mtg			3	*	*		33	22
						STRAP, GROUND: instrument panel and control box			1	*	*		20	11
9	X2	0	0		5310-017-8364	WASHER, LOCK: capacitor mtg			6	*	*		34	2
9	X2	0	0			WASHER, LOCK: capacitor mtg (Supplied under Stock No. 5310-017-8364)			9	*	*		33	19
					5310-017-8518	WASHER, LOCK: ground lug mtg			1	*	*		25	2
					5310-013-8526	WASHER, LOCK: ground strap mtg			1	*	*			
						GROUP 47 - GAGES; WEIGHING AND MEASURING DEVICES 4702 - GAGES, LINES AND FITTINGS								
					4730-289-0147	BUSHING, PIPE: capillary tube to head			1	*	*		20	32
					4730-277-8261	ELBOW, PIPE TO TUBE: line to gage			2	*	*		20	33
					4730-221-9903	ELBOW, PIPE TO TUBE: pressure line to block			1	*	*		20	25
						GAGE, LIQUID LEVEL: diesel fuel tank			1	*	*		8	13
11	P1	0	0		6685-785-1664	GAGE, PRESSURE, DIAL INDICATING: 2 in. black dial w/figures, 0-100 psi			1	*	*		20	12
11	P1	0	0		6685-779-8211	GAGE, PRESSURE, DIAL INDICATING: 2 in. dial, 0-80 psi, red zone 0-15 psi, black dial, white figures			1	*	*		20	29
						LINE ASSEMBLY: pressure gage to block			1	*	*		20	21
						MANUFACTURE FROM:								
					4730-287-1539	NUT, TUBE COUPLING			2	*	*			
					4710-277-5525	TUBE, COPPER (5 ft. 7 in. required)		FT		See Group	9501			
						LINE ASSEMBLY: pressure gage to fuel pump			1	*	*		20	24
						MANUFACTURE FROM:								
					4730-287-1539	NUT, TUBE COUPLING			2	*	*			
					4710-289-4109	TUBE, STEEL (GE) (6 ft 8 in. required)		FT		See Group	9501			
						TEE, PIPE TO TUBE: gage to switch			2	*	*		20	23
11	X2	0	0		4730-423-1789	THERMOMETER, SELF-INDICATING, LIQUID IN GLASS: coolant 2 in. dial, blue and white figures, 100-220 deg F, red zone 200-220 deg F, capillary tube 72 in. lg			1	*	*		20	14
					6685-779-8213									
						GROUP 76 - FIRE FIGHTING EQUIPMENT 7603 - FIRE EXTINGUISHERS								
					4210-708-0031	CYLINDER, CHARGED: for extinguisher, fire, monobromotrifluoro-methane, CF3Br (GE)			1	*	*			
					4210-779-3516	SEAL, SELF-LOCKING: for extinguisher, fire, monobromotrifluoro-methane, CF3Br (GE)			1	*	*			

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SECTION I
 INTRODUCTION

1. General

NG: State AG (3).

USAR: Same as active Army except allowance is one copy to each unit.

For explanation of abbreviations used, see AR 320-50.

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a. This manual lists quantities of repair parts required to be stocked in maintenance echelons. Repair parts not authorized for stockage but which may be required to perform maintenance of the equipment are listed with no quantities shown. Information and data shown herein serve as requisitioning reference material, and as a guide to determine quantities of repair parts required for stockage.

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

c. Repair parts lists are arranged as follows:

- (1) Individual parts and major assemblies are listed alphabetically within the numbered functional groups.
- (2) Assembly components and subassemblies are indented and listed alphabetically under major assemblies.
- (3) Bulk material and parts peculiar with more than one application are listed in either functional group 9501 or 9502.

d. Allowances are based on 5,000 hours of operation per year.

2. Explanation of Repair Parts, Tool Lists, and Prescribed Load Listing (Table 1)

a. Source Codes. This column is subdivided into four columns:

- (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 re-

sponsibility. General Engineer supply responsibility is indicated by the letters "GE" following the code symbol. Other technical service basic numbers or supply center code symbols are—

- 1—Chemical Corps
- 2—Ordnance Corps
- 11—Signal Corps
- 35—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 carries 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

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