

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT AND  
GENERAL SUPPORT REPAIR PARTS AND  
SPECIAL TOOLS LIST  
FOR  
AIR CONDITIONER, VERTICAL COMPACT,  
9,000 BTU/HR, 208 VOLTS, 3-PHASE, 50/60 HZ  
(TIERNAY MODEL TM-9KV-208-3-60)  
NSN 4120-01-091-9672

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HEADQUARTERS, DEPARTMENT OF THE ARMY  
18 DECEMBER 1981

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CHANGE

NO. 2

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 30 SEPTEMBER 1992

Organizational, Direct and General Support Repair Parts  
And Special Tools List

AIR CONDITIONER, VERTICAL COMPACT,  
9,000 BTU/HR, 208 VOLTS, 3-PHASE, 50/60 HZ  
TIERNAY MODEL TM-9KV-208-3-60 NSN 4120-01-091-9672  
KECO MODEL F9000T3-2 NSN 4120-01-264-6295

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TM 5-4120-339-24P, 18 December 1981, is changed as follows:

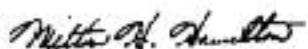
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Remove pages	Insert pages
13 and 14	13 and 14
39 and 40	39 and 40
49 and 50	49 and 50
53 and 54	53 and 54

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By Order of the Secretary of the Army:

Official:



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CHANGE }  
NO. 1 }

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C 9 January 1989

**ORGANIZATIONAL, DIRECT AND  
GENERAL SUPPORT REPAIR PARTS AND  
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FOR  
AIR CONDITIONER, VERTICAL COMPACT,  
9,000 BTU/HR, 208 VOLTS, 3-PHASE, 50/60 HZ**

**TIERNAY MODEL TM-9KV-208-3-60 NSN 4120-01-091-9672  
KECO MODEL F9000T3-2 NSN 4120-01-264-6295**

TM 5-4120-339-24P, 18 December 1981, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

i/ii  
3 and 4  
6 through 16  
19 through 26  
31 and 32  
35 through 40  
43 and 44  
51 through 54

Insert pages

i/ii  
3 and 4  
6 through 16  
19 through 26  
31 and 32  
35 through 40  
43 and 44  
51 through 54

2. Retain this sheet in front of manual for reference purposes.

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

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*Brigadier General United States Army*  
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To be distributed in accordance with DA Form 12-25A, Unit, Direct and General Support Maintenance requirements for Air Conditioner, Vertical Compact, 9,000 BTU, 208V, 50/60HZ, 3PH (TM9KV-208-3-60).

TECHNICAL

TM5-4120-339-24P

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 18 December 1981

**ORGANIZATIONAL, DIRECT AND  
GENERAL SUPPORT REPAIR PARTS AND  
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AIR CONDITIONER, VERTICAL COMPACT,  
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**TIERNAY MODEL TM-9KV-208-3-60 NSN 4120-01-091-9672  
KECO MODEL F9000T3-2 NSN 4120-01-264-6295**

Current as of 25 August 1981

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**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCT S, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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## SECTION I. INTRODUCTION

### 1. Scope.

This manual lists repair parts, special tools, test, measurement, and diagnostic equipment (TMDE), and other support equipment required for operation and performance of organizational, Direct and General Support maintenance of Air Conditioner, Vertical Compact, 9,000 BTU/HR, 208 volts, 3-phase, 5-/60 Hz.

### 2. General

**a. Section II-Repairs Parts List.** A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence, as the last group in Section 11.

**b. Section III - Special Tools List.** Not applicable.

**c. Section IV National Stock Number and Part Number Index.** A list, in National item identification number (NIIN) sequence of all National Stock Numbers (NSN) appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National Stock Number and part numbers are cross-referenced to each illustration figure and item number appearance.

### 3. Explanation of Columns.

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

**a. Illustration.** This column is divided as follows:

(1) **Figure Number.** Indicates the figure number of the illustration in which the item is shown.

(2) **Item Number.** The number used to identify each item called out in the illustration.

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

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

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purpose because essentially dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfitting. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of the probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.

KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MB	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

**NOTE**

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

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

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

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

**NOTE**

**Codes "I" and "F" will be considered the same by direct support units.**

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

<b>Code</b>	<b>Application/Explanation</b>
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.

- H The lowest maintenance level capable of complete repair of the support item is the general support level.
- D The lowest maintenance level capable of complete repair of the support item is the depot level.
- L Repair restricted to designated specialized repair activity.
- Z Nonreparable. No repair is authorized.
- B No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

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

<b>Recoverability Codes</b>	<b>Definition</b>
---------------------------------	-------------------

- Z Nonreparable item. When unserviceable, condemn and dispose at the level indicated in Position 3.
- O Reparable item. When uneconomically reparable, condemn and dispose at organizational level.
- F Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
- H Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
- D Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

- L Reparable item. Repair, condemnation, and disposal not authorized below depot specialized repair activity level.
- A Item requires special handling or condemnation procedures because of specific reasons (I.E., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific Instructions.

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

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

**Note**

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

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

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

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

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

#### 4. Special Information.

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	Used on
DGE	Tiernay Model TM-9KV-208-3-60
EKQ	Keco Model F9000T3-2

b. Repair kits and gasket sets appear as the last entries in the repair parts listing for the figure in which its parts are listed as repair parts or are listed at the end of the repair parts listing for the last figure containing parts of the kit.

c. The following publications pertain to the Air Conditioner and its components.

TM 5-4120-339-14      Operator, Organizational,  
                              Direct and General Support  
                              Maintenance Manual.

#### 5. How to Locate Repair Parts.

##### a. When National Stock Number or Part Number Is Unknown:

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

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

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

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

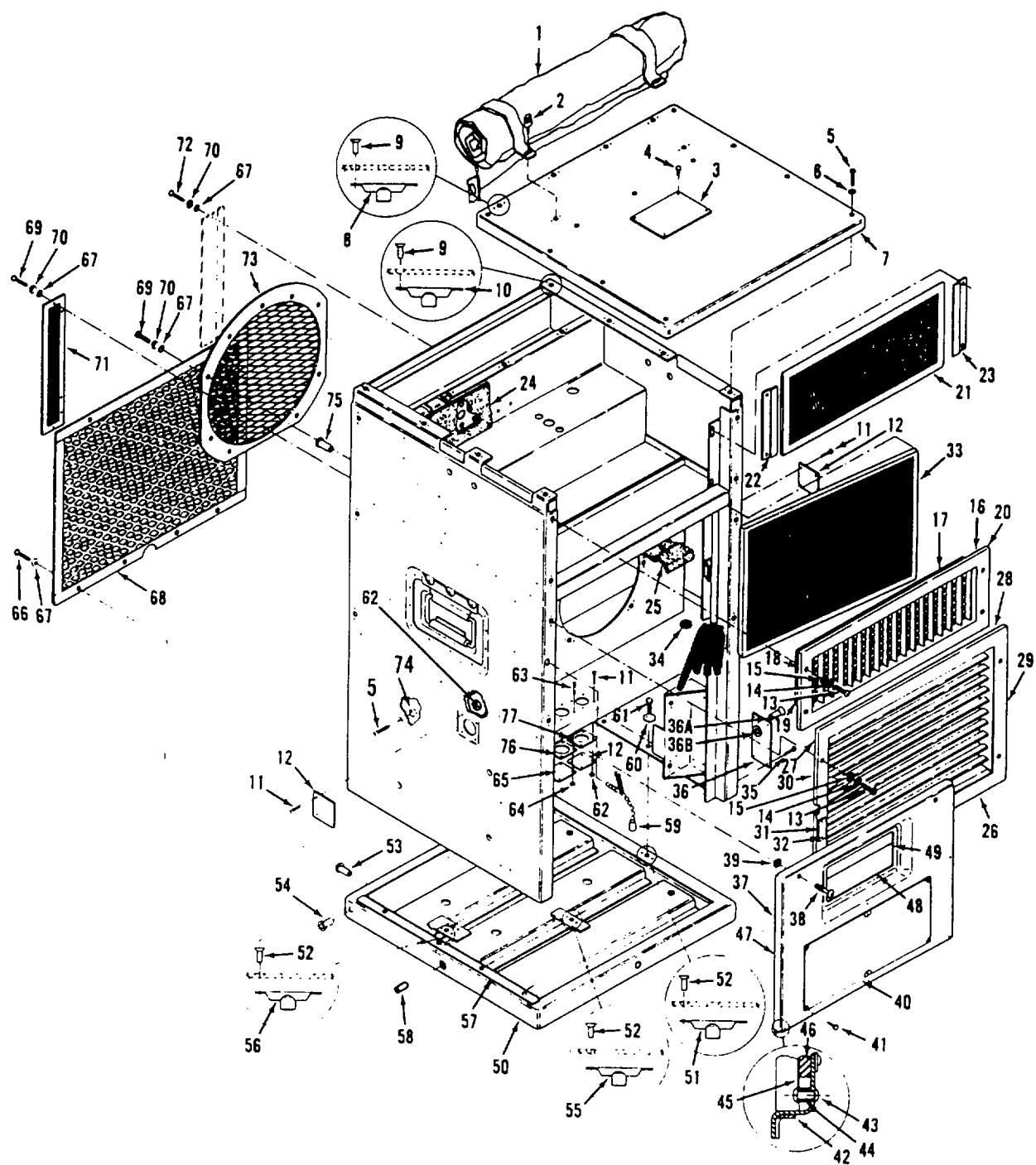
##### b. When the National Stock Number or Part Number Is Known.

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

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

#### 6. Abbreviations:

Abbreviations	Explanation
deg.	degree(s)
ea.	each
ft.	feet (foot)
grp.	group
Id.	Inside diameter
In.	Inch(es)
Ig.	long (length)
mtg.	mounting(s)
No.	Number(s)
od.	outside diameter
u/w	used with



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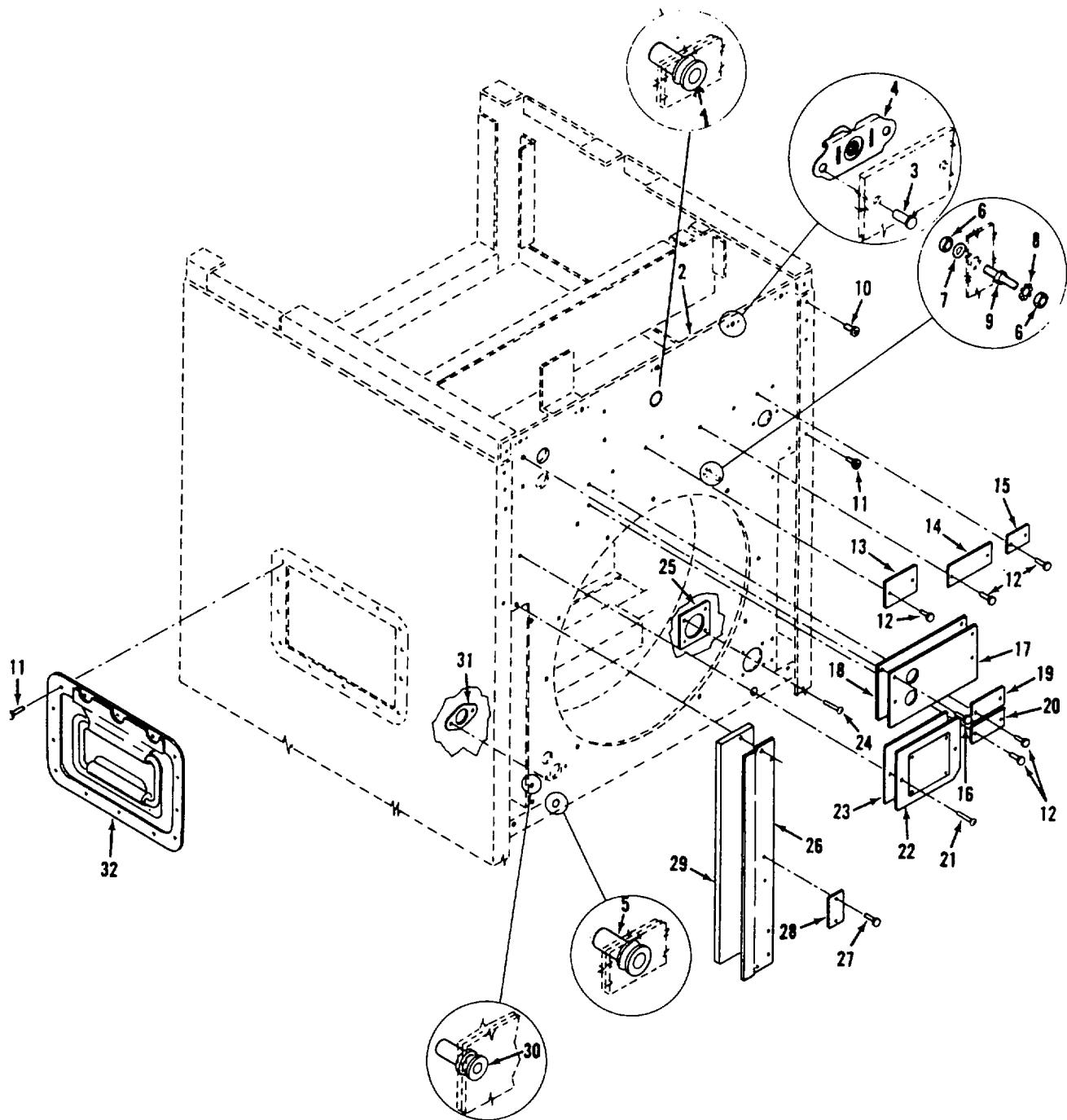
Figure 1. Panels, Cover and Grilles

Change 1 6

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
						GROUP 01 PANELS, COVERS AND GRILLES		
1	1	XBOZZ	97403	13214E3703		COVER,AIR CONDITIONER.....	EA	1
1	2	PAOZZ	5325-01-033-0846	97403	13214E3647-3	FASTENER,TURNBUTTON.....	EA	2
1	3	XBOZZ	96906	MS63045		PLATE,IDENTIFICATION.....	DGE	1
1	3	XBOZZ	94833	120K0636		PLATE,IDENTIFICATION.....	EKO	1
1	4	PAOZZ	5320-00-932-1972	97403	13214E3789-2	RIVET,BLIND .....	EA	4
1	5	PAOZZ	5305-00-984-6194	96906	MS35206-246	SCREW,MACHINE .....	EA	24
1	6	PAOZZ	5330-01-082-5474	97403	13220E5281	SEAL,SPECIAL .....	EA	20
1	7	XBOOO	97403	13214E3384		PANEL, TOP .....	EA	1
1	8	PAOZZ	5310-00-623-5991	80205	NAS1031A08	NUT,SELF-LOCKING .....	EA	4
1	9	PAOZZ	5320-00-117-6938	96906	MS20426AD3-4	RIVET,SOLID .....	EA	12
1	10	PAOZZ	5310-00-680-4985	80205	NAS1031A06	NUT,SELF-LOCKING .....	EA	2
1	11	PAOZZ	5305-00-889-2999	96906	MS35206-217	SCREW,MACHINE .....	EA	12
1	12	XBOZZ	97403	13214E3471-1		COVER,ALTERNATE POWER CONNECTION .....	EA	3
1	13	PAOZZ	5305-00-984-6195	96906	MS35206-247	SCREW,MACHINE .....	EA	8
1	14	PAOZZ	5310-00-045-3299	96906	MS35338-42	WASHER,LOCK .....	EA	8
1	15	PAOZZ	5310-00-821-2366	97403	13214E3469	WASHER,FLAT .....	EA	8
1	16	XBOZZ		97403	13214E3712	GRILLE,METAL .....	EA	1
1	17	MOOOO		81346	ASTM-D-1056 SBE-42-CF2 0.25	SEALING STRIP MFG FROM ASTM-D-1056, 1/4 IN X 112 IN. X 15 IN.LG .....	S	V
1	18	MOOOO		81346	ASTM-D-1056 SBE-42-CF2	SEALING STRIP MFG FROM ASTM-D-1056, 1/8 IN X 3/4 IN. X 1.19 IN.LG .....	SH	V
1	19	MOOOO		81346	ASTM-D-1056 SBE-42-CF2 0. 0.125 STK	SEALING STRIP MFG FROM ASTM-D-1056, 1/8 IN X 3/4 IN. X 4.00 IN LG .....	SH	V
1	20	MOOOO		81346	ASTM-D-1056 - SBE-42-CF2 0.125THK	SEALING STRIP MFG FROM ASTM-D-1056, 1/8 IN X 3/4 IN. X 7.38 IN LG .....	SH	V
1	21	XBOZZ		97403	13220E5413-2	ELIMINATOR,MIST .....	EA	1
1	22	XBOZZ		97403	13220E5601	BRACKET,LEFT SIDE .....	EA	1
1	23	XBOZZ		97403	13220E5600	BRACKET,RIGHT SIDE .....	EA	1
1	24	MOOOO		81349	MIL-I-14511 0.500	INSULATION MFG FROM 0.500 THK .....	SH	V
1	25	MOOOO		81349	MIL-I-14511 0.250	INSULATION MFG FROM 0.250 IN.THK .....	SH	V
1	26	XBOZZ		97403	13214E3713	GRILLE,AIR RETURN .....	EA	1
1	27	MOOOO		81346	ASTM-D-1056 SBE-42-CF2 1/8 STK	SEALING STRIP MFG FROM ASTM-D-1056, 1/8 IN X 3/4 IN. X 1.19 IN.LG .....	SH	V
1	28	MOOOO		81346	ASTM-D-1056 SEE-42-CF2 0.25	SEALING STRIP MFG FROM ASTM-D-1056, 114 IN X 1/2 IN. X 15.00 IN.LG .....	SH	V
1	29	MOOOO		81346	ASTM-D-1056s SEE-42-CF2 0. 125STK	SEALING STRIP MFG FROM ASTM-D-1056, 118 IN X 3/4 IN. X 10.62 IN LG .....	SH	V
1	30	MOOOO		81346	ASTM-D-1056 SEE-42-CF2 0. 125 STK	SEALING STRIP MFG FROM ASTM-D-1056, 1/8 IN X 3/4 IN. X 7.25 IN.LG .....	SH	V
1	31	PAOZZ	9905-01-053-5362	97403	13217E2344	PLATE,INSTRUCTION .....	EA	1
1	32	PAOZZ	5320-00-005-6279	96906	MS20470AD4-4-5	RIVET,SOLID .....	DGE	2
1	32	PAOZZ		96906	MS20470AD4-3-5	RIVET,SOLID .....	EKO	2
1	33	PAOZZ	4130-00-901-0323	97403	13214E3699-1	FILTERELEMENT,AIR .....	EA	1
1	34	PAOZZ	5325-00-254-4718	97403	13211E8222	GROMMET,NONMETALLIC .....	EA	1
1	35	PAOZZ	5305-00-889-2999	96906	MS35206-217	SCREW,MACHINE .....	DGE	12



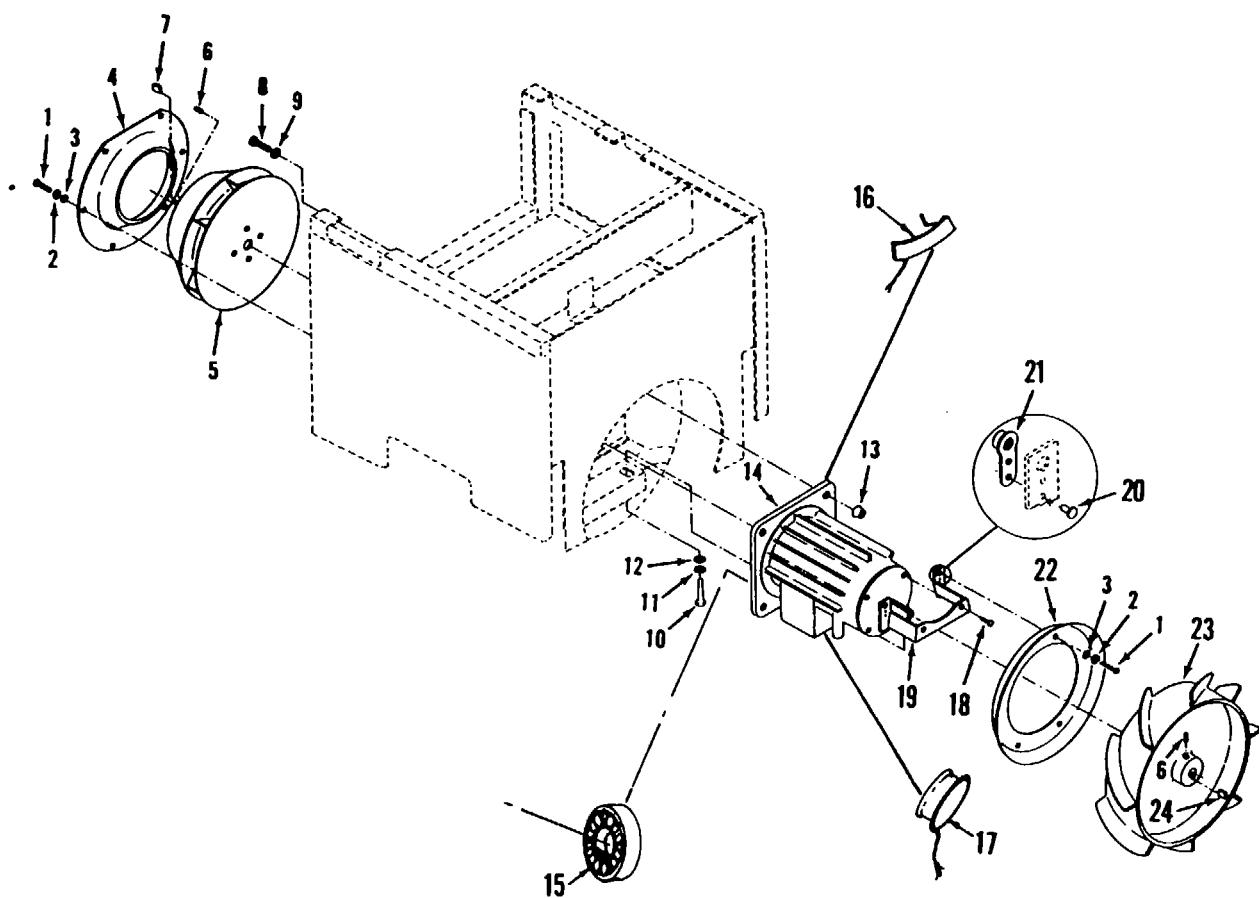
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	
1	63	PAOZZ	5305-00-984-4992	98906	MS35206-232	SCREW,MACHINE .....	EA	4
1	64	PAOZZ	5310-00-081-8087	96906	MS21044-N06	NUT,SELF-LOCKING .....	EA	4
1	65	XBOZZ		97403	13214E3471-2	COVER.....	EA	1
1	66	PAOZZ	5305-00-993-1848	96906	MS35207-265	SCREW,MACHINE .....	EA	6
1	67	PAOZZ	5310-00-821-2368	97403	13214E3469	WASHER,FLAT.....	EA	24
1	68	XBOZZ		97403	13214E3533	GUARD,CONDENSER COIL.....	EA	1
1	69	PAOZZ	5305-00-984-8195	96906	MS35206-247	SCREW,MACHINE .....	EA	13
1	70	PAOZZ	5310-00-045-3299	97403	MS35338-42	WASHER,LOCK.....	EA	18
1	71	XBOZZ		97403	13214E3616	SCREEN,FRESH AIR .....	EA	1
1	72	PAOZZ	5305-00-984-8197	96906	MS35206-249	SCREW,MACHINE .....	EA	5
1	73	XBOZZ		97403	13214E3612	GUARD,FAN .....	EA	1
1	74	PAOZZ	5310-00-811-3494	96906	MS21044N08	NUT,SELF-LOCKING .....	EA	4
1	75	PAOZZ	5310-01-036-4687	96906	MS27130-S15K	NUT,PLAIN,BLIND RIVET .....	EA	8
1	76	PAOZZ	5330-00-267-0697	96906	MS51007-11	GASKET,RUBBER.....DGE	EA	1
1	76	PAOZZ		96906	MS61007-10	GASKET,RUBBER.....EKQ	EA	1
1	77	PAOZZ	5330-00-836-4355	96906	MS51007-7	GASKET,RUBBER.....	EA	1



TM5-4120-339-24P/2

Figure 2. Data Plates and Covers

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
2	1	PAOZZ	5310-01-045-86813	96908	MS27130-S50K	NUT,PLAIN,BLIND RIVET .....	EA	1
2	2	XBFFF		97403	13214E3686	PANEL,BACK .....	EA	1
2	3	PAFZZ	5320-00-117-6938	9690s M	S20428AD3-4	RIVET,SOLID .....	EA	14
2	4	PAFZZ	5310-00-823-5991	80205	NAS1031A08	NUT,SELF-LOCKING .....	EA	7
2	5	PAFZZ	5310-01-055-8419	95908	MS27130-S25K	NUT,BLIND,RIVET .....	EA	2
2	6	PAOZZ	5310-00-877-5797	96908	MS21044N3	NUT,SELF-LOCKING .....	EA	2
2	7	PAOZZ	5310-00-809-8546	98906	MS27183-8	WASHER,FLAT .....	EA	1
2	8	PAOZZ	5310-00-080-9788	96906	MS45904-80	WASHER,LOCK .....	EA	1
2	9	PAOZZ		97403	13222E6259-2	TERMINAL STUD .....	EA	1
2	10	PAFZZ	5320-00-874-4471	07707	AD45H	RIVET,BLIND .....	EA	6
2	11	PAFZZ	5320-00-882-8388	07707	AD43H	RIVET,BLIND .....	EA	32
2	12	PAOZZ	5320-00-932-1972	97403	13214E3789-2	RIVET,BLIND .....	EA	16
2	13	XBOZZ		97403	13218E7078	PLATE,INFORMATION .....	EA	1
2	14	XBOZZ		97403	13220E8723	PLATE,INFORMATION .....	EA	1
2	15	XBOZ	9905-00-165-7474	97403	13211E8215	PLATE,INSTRUCTION .....	EA	1
2	16	PAFZZ	5305-00-984-4992	96908	MS35206-232	SCREW,MACHINE .....	EA	4
2	17	XBOZZ		97403	13216E9520-1	PLATE,INSTRUCTION .....	EA	1
2	18	PAOZZ		97403	13218E9519-1	GASKET .....	EA	1
2	19	XBOZZ		97403	13218E7075	PLATE,INFORMATION .....	EA	1
2	20	XBOZZ		97403	13218E074	PLATE,INFORMATION .....	EA	1
2	21	PAFZZ	5305-00-889-2999	98906	MS35206-217	SCREW,MACHINE .....	DGE	EA 2
2	21	PAFZZ		96906	MS35206-246	SCREW,MACHINE .....	EKO	EA 2
2	22	XBOOO		97403	13218E7489	COVERACCESS .....	EA	1
2	23	MOOO		81346	ASTM-D-1056 SBE-42-CF2 0.125 STK	GASKET MFG FROM ASTM-D-105,0.125 IN THK STK	SH	V
2	24	PAOZZ	5305-00-140-8001	96906	MS51861-12	SCREW,TAPPING .....	EA	4
2	25	PAOZZ	5330-00-836-4355	96906	MS51007-7	GASKET,RUBBER .....	EA	1
2	26	XBOZZ		97403	13214E3615	COVER .....	EA	1
2	27	PAOZZ	5320-00-932-1972	97403	13214E3789-2	RIVET,BLIND .....	EA	2
2	28	XBOZZ	9905-01-055-0219	97403	13217E8814	PLATE,INSTRUCTION .....	EA	1
2	29	MOOOO		81346	ASTM-D-1056 SBE-42-CF2 0.25 STK	GASKET MFG FROM 1/4 STK .....	SH	V
2	30	PAFZZ	5310-01-036-0908	96908	MS27130-S14K	NUT,PLAIN,BLIND RIVET .....	EA	10
2	31	PAOZZ		97403	13211E8273	GASKET, THERMAL .....	EA	1
2	32	PAFZZ	5340-00-934-0532	98003	H561LS2RG	HANDLE .....	EA	2

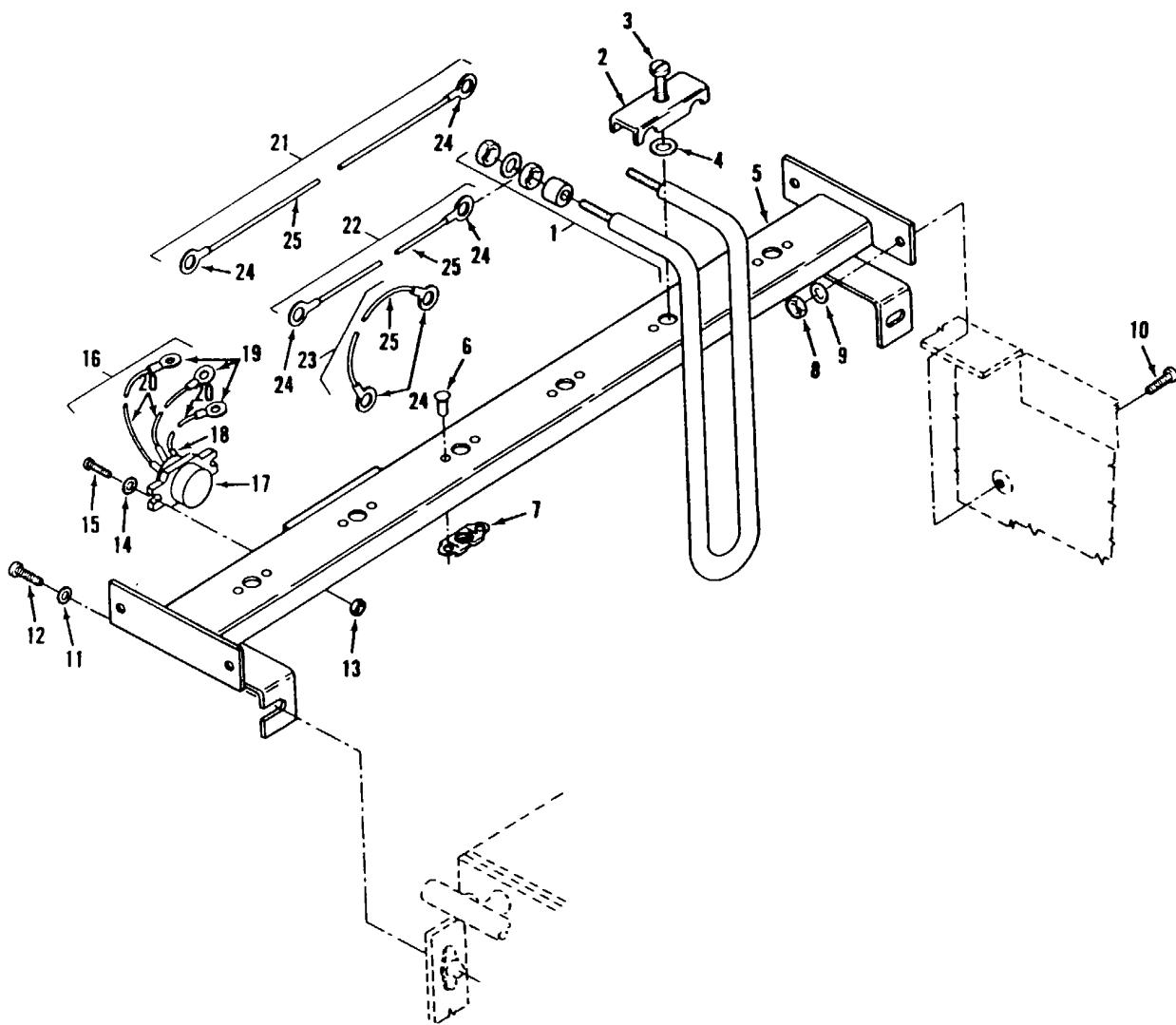


TM5-4120-339-24P/3

Figure 3. Fan Motor and Fans

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
3	1	PAOZZ	5305-00-984-6194	96906	MS35206-246	GROUP 02 FAN MOTOR AND FANS		
3	2	PAOZZ	5310-00-045-3299	96906	MS35338-42	SCREW, MACHINE .....	EA	6
3	3	PAOZZ	5310-00-809-8544	96906	MS27183-7	WASHER, LOCK.....	EA	6
3	4	XBOZZ		97403	13214E3792	WASHER, FLAT.....	EA	6
3	5	XBOZZ	4140-00-922-2191	97403	13214E3693	RING, INLET FAN .....	EA	1
3	6	PAOZZ	5305-00-023-2576	96906	MS51021-62	IMPELLER, FAN.....	1	
						.SETSCREW HEX SOCKET CUP POINT 1/4-20 UNC-3A X 3/4 LONG (IMPORTANT FOR BALANCE) .....		
3	7	PAOZZ	5315-00-730-4564	96906	MS20066-143	KEY, MACHINE.....	EA	2
3	8	PAOZZ	5305-00-543-2419	96906	MS90725-61	SCREW, CAP .....	EA	1
3	8	PAOZZ		96906	MS90725-63	SCREW, CAP .....	DGE	4
3	9	PAOZZ	5310-00-080-6004	96906	MS27183-14	EKO WASHER, FLAT.....	EKO	4
3	10	PAOZZ	5306-00-225-8503	96906	MS90725-39	BOLT, MACHINE .....	EA	2
3	11	PAOZZ	5310-00-407-9566	96906	MS35338-45	WASHER, LOCK.....	EA	2
3	12	PAOZZ	5310-00-081-4219	96906	MS27183-12	WASHER, FLA T.....	EA	2
3	13	PAOZZ	5310-00-087-4652	96906	MS51922-17	NUT, SELF-LOCKING .....	EA	4
3	14	PAOZZ		64731	5530-15	MOTOR,AC .....	EA	1
3	15	PAOZZ		64731	01-010999-204	.BEARING .....	EA	2
3	16	PAOZZ		64731	MYH71WO	.MOTOR PROTECTOR .....	EA	1
3	16A	PAOZZ		82647	MYH28WO	.MOTOR PROTECTOR .....	EA	1
3	17	PAOZZ		96906	MS3102R-145-6P	.CONNECTOR, ELECTRICAL .....	DGE	1
3	17	PAOZZ		96906	MS3102R20-27P	.CONNECTOR, ELECTRICAL .....	EKO	1
3	18	PAOZZ	5305-01-028-6271	96906	MS35191-266	SCREW, MACHINE .....	DGE	4
3	19	XBOZZ		97403	13214E3627	BRACKET.....	DGE	2
3	20	PAOZZ	5320-00-117-6939	96906	MS20426AD3-5	.RIVET, SOLID .....	DGE	8
3	21	PAOZZ	5310-00-726-9048	96906	MS21082-08	.NUT, SELF-LOCKING .....	DGE	4
3	22	XBOZZ		97403	13214E3623	BAFFLE .....	DGE	1
3	23	XBOZZ		97403	13214E3694	IMPELLER, FAN AXIAL .....	EA	1
3	24	PAOZZ	5315-00-730-4570	96906	MS20066-145	KEY, MACHINE, SQUARE .....	EA	1

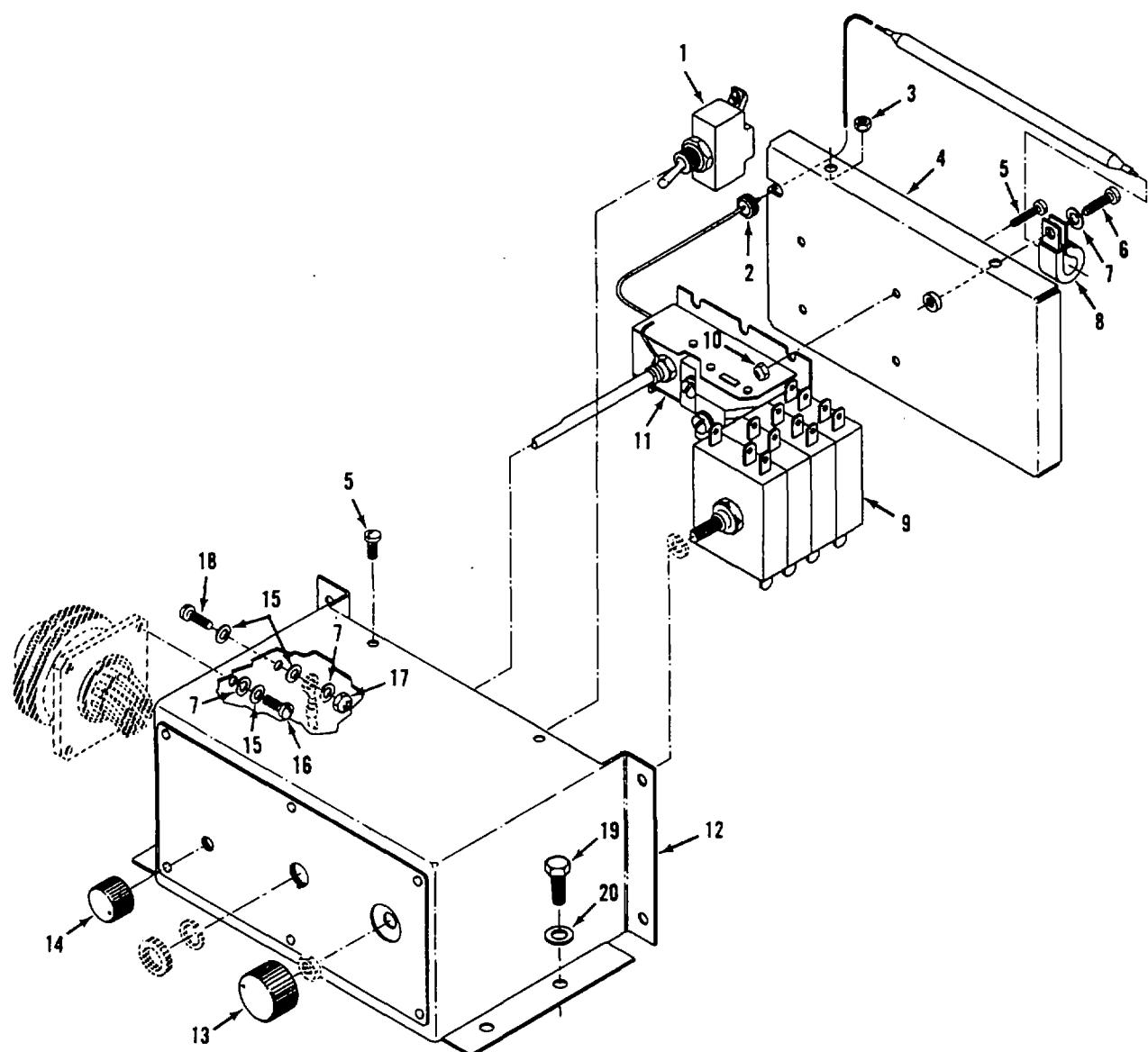
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TM5-4120-339-24P/4

Figure 4. Heating System

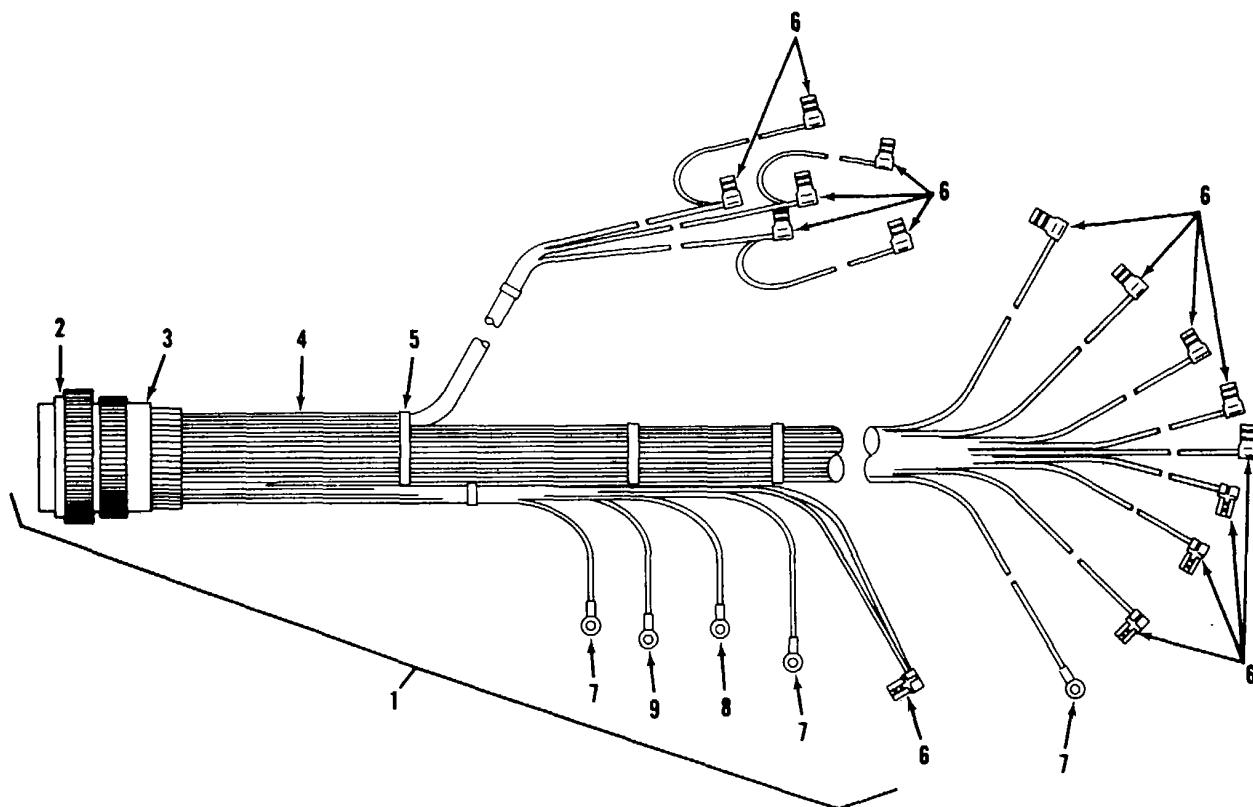
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION		(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE		QTY INC IN UNIT	
4	1	PAOZZ	4540-00-110-9880	97403	13214E36898-1	HEATING ELEMENT .....		EA	6
4	2	PAOZZ	5340-01-039-0103	97403	13214E3418	CLAMPASSEMBLY .....		EA	6
4	3	PAOZZ	5305-00-183-8349	97403	13214E3744V34	.SCREW,PANEL .....		EA	1
4	4	PAOZZ	5310-00-880-9344	97403	13211E8337	.WASHERLOCK.....		EA	1
4	5	XBOZZ		97403	13214E3829-1	SUPPORT,HEATER .....		EA	1
4	6	PAOZZ	5320-00-932-1972	97403	13214E3789-2	.RIVET,BLIND .....		EA	12
4	7	PAOZZ	5310-00-089-6304	97403	13211E8382	.NUT,SHEETSPRING .....		EA	6
4	8	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT,SELF-LOCKING .....		EA	4
4	9	PAOZZ	5330-00-119-7503	80205	NAS1523C3F	PACKING WITH RETAINER .....		EA	4
4	10	PAOZZ	5305-00-989-7435	98906	MS35207-264	SCREW,MACHINE .....		EA	4
4	11	PAOZZ	5310-00-809-8548	96908	MS27183-8	WASHER,FLAT.....		EA	2
4	12	PAOZZ	5305-00-857-5887	96906	MS9122-03	SCREW,MACHINE .....		EA	2
4	13	PAOZZ	5310-00-060-2039	96906	MS21044D08	NUT .....		EA	2
4	14	PAOZZ	5310-00-809-8544	96906	MS27183-7	WASHER,FLAT.....		EA	2
4	15	PAOZZ	5305-00-984-8194	96906	MS35206-246	SCREW,MACHINE .....		EA	2
4	16	XBOZZ		97403	13214E3506	WIRINGASSY, THERMOSTAT .....		EA	1
4	17	PAOZZ	4130-00-106-1972	82647	MWA1255	.THERMOSTAT,HEATER .....	DGE	EA	1
4	17	PAOZZ		97403	13211E8265	.THERMOSTAT,HEATER .....	EKQ	EA	1
4	18	MOOOO		81349	MIL-I-2305315	.INSULATION SLEEVING.....		FT	V
4	19	PAOZZ		96906	MS25036-108	.TERMINAL .....		EA	3
4	20	MOOOO		81349	M5086/1-16-9	WIRE,ELECTRICAL .....		FT	V
4	21	MOOOO		97403	13220E6712-11	LEAD ELECTRICAL HR 1-B TO HR 6-B.....		EA	1
4	22	MOOOO		97403	13220E6712-12	LEADELECTRICALHR2- BTO HR 5-B.....		EA	1
4	23	MOOOO		97403	13220E6712-13	LEAD ELECTRICAL HR 3-B TO HR 4-B.....		EA	1
4	24	PAOZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL,LUG .....		EA	6
4	25	MOOOZ		81349	M5088/1-16-9	.WIRE,ELECTRICAL .....		FT	V
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Figure 5. Control Panel Assembly

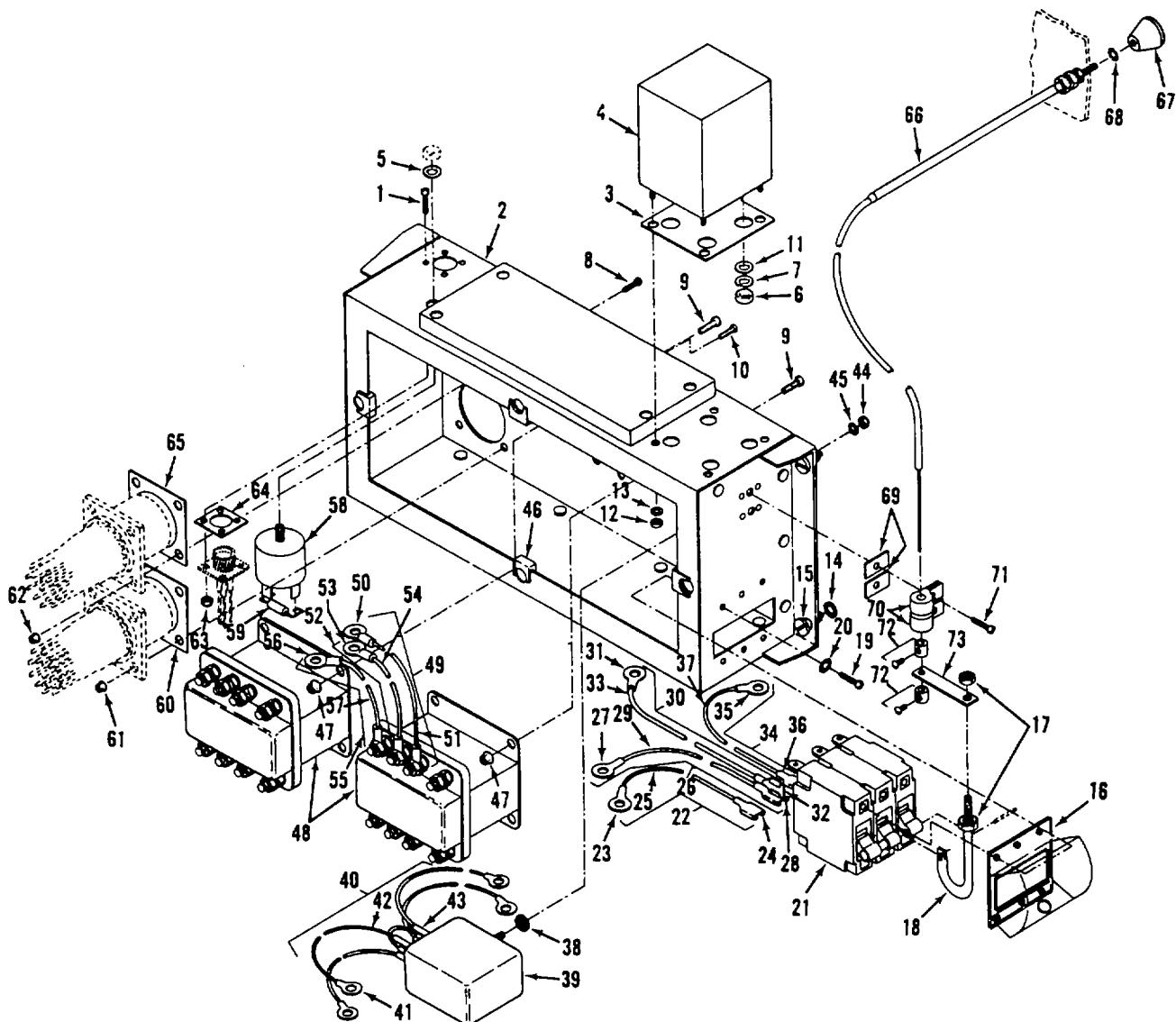
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		QTY INC IN UNIT	
5						GROUP 04 ELECTRICAL SYSTEM		
	1	PBOZZ	5930-00-683-1628	97403	13219E2933	.CONTROL PANEL ASSY .....	EA	1
	2	PAOZZ	5325-00-286-6047	96906	MS24523-22	.SWITCH, TOGGLE .....	EA	1
	3	PAOZZ	5310-00-889-2549	96906	MS21045-08	.GROMET, NONMETALIC .....	EA	1
	4	XBOZZ		97403	13218E9911	.NUT, SELF-LOCKING .....	EA	5
	5	PAOZZ	5305-00-984-6193	96906	MS35206-245	.PANEL .....	EA	1
	6	PAOZZ	5305-00-989-7434	96906	MS35207-243	.SCREW, MACHINE .....	EA	8
	7	PAOZZ	5310-0-045-3296	96906	MS35338-43	.SCREW, MACHINE .....	EA	1
	8	PAOZZ	5340-00-103-2976	96906	MS21105-6	.WASHER, LOCK .....	EA	5
	9	PAOZZ	5930-00-236-2351	70611	2267A1	.CLAMP, LOOP .....	EA	1
	10	PAOZZ	5310-00-889-2549	94906	MS21045-08	.SWITCH, ROTARY .....	EA	1
	11	PAOZZ	5930-00-923-4176	92578	A19AEF-10	.NUT SELF-LOCKING .....	EA	3
	12	XBOZZ		97403	13218E9909	.SWITCH, THERMOSTATIC .....	EA	1
	13	PAOZZ	5335-00-579-2896	96906	MS25165	.CONTROL PANEL .....	EA	1
	14	PAOZZ	5355-00-472-9354	96906	MS91528-1C4B	.KNOB .....	EA	1
	15	PAOZZ	5310-00-014-5850	96906	MS27183-42	.KNOB .....	EA	7
	16	PAOZZ	5305-00-088-9044	96906	MS35207-260	.WASHER, FLAT .....	EA	4
	17	PAOZZ	5310-00-061-7326	96906	MS21045-3	.SCREW, MACHINE .....	EA	1
	18	PAOZZ	5035-00-989-7435	96906	MS35207-264	.NUT, SELF-LOCKING .....	EA	1
	19	PAOZZ	5305-00-150-2548	96906	MS9122-11	.SCREW, MACHINE .....	EA	4
	20	PAOZZ	5310-00-809-8546	96906	MS27183-0	.SCREW, MACHINE .....	EA	4



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Figure 6. Wiring Harness 13214E3511





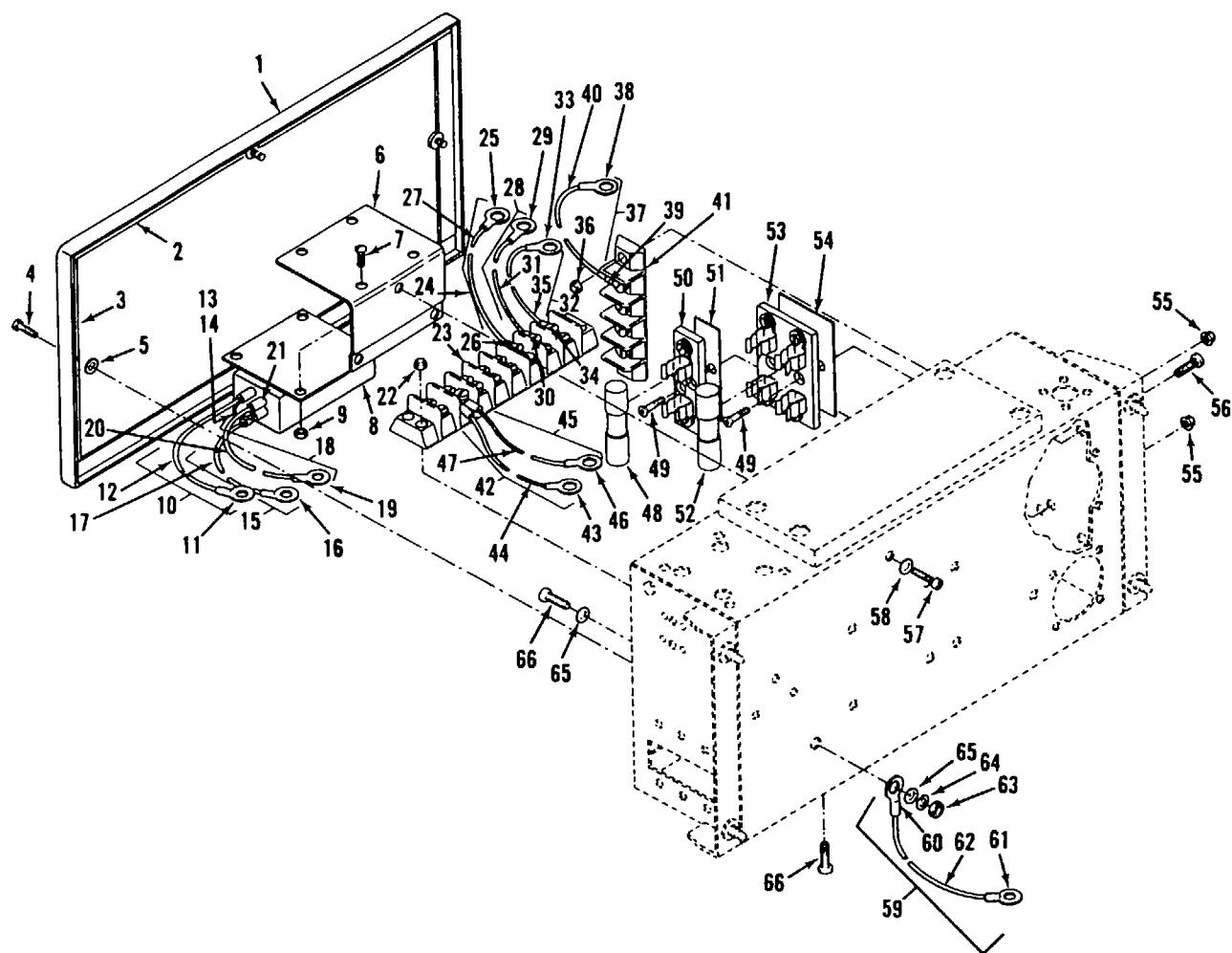
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Figure 7. Junction Box, Relays, Circuit Breaker and Rectifier

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	
7	1	XBOZZ		97403	13219E2931	JUNCTION BOX ASSY .....	EA	1
7	1	PAOZZ	5305-00-889-2998	9890	MS3520 8-216	.SCREW,MACHINE .....	EA	4
7	2	XBOZZ		97403	13218E9895-2	JUNCTION BOX .....	EA	1
7	3	XBOZZ		97403	13218E9860	.GASKET,TRANSFORMER .....	DGE	1
7	3	XBOZZ		97403	13214E3685-2	INSULATION .....	EKQ	1
7	4	PAOZZ	5950-00-118-1018	97403	13214E3818-3	.TRANSFORMER,POWER .....	EA	1
7	5	PAOZZ	5310-00-809-3078	9s906	MS27183-11	.WASHER,FLAT .....	EA	4
7	6	PAOZZ	5310-00-934-9747	98908	MS35649-262	.NUT,PLAIN,HEXAGON .....	EA	4
7	7	PAOZZ	5310-00-045-4007	96908	MS35338-41	.WASHER,LOCK .....	EA	4
7	8	PAOZZ	5305-00-984-6195	96906	MS35206-247	.SCREW,MACHINE .....	EA	1
7	9	PAOZZ	5305-00-989-7434	96906	MS35207-263	.SCREW,MACHINE .....	EA	8
7	10	PAOZZ	5305-00-984-4992	96906	M535206-232	.SCREW,MACHINE .....	EA	4
7	11	PAOZZ	5310-00-082-1404	96906	MS27183-6	.WASHER,FLAT .....	EA	4
7	12	PAOZZ	5310-00-081-8087	96906	MS21044-N06	.NUT,SELF-LOCKING .....	EA	4
7	13	PAOZZ	5310-00-579-0079	98906	MS35333-37	WASHER,LOCK .....	EA	4
7	14	PAOZZ	5310-00-880-9344	97403	13211E8337	.WASHER,LOCK .....	EA	4
7	15	PAOZZ	5305-00-959-5237	97403	13214E3744W4	.SCREW,PANELFASTNER .....	EA	4
7	16	PAOZZ	5925-01-071-7019	74193	006-10245	.BOOT,DUSTANDMOISTURE .....	EA	1
7	17	PAOZZ	5310-00-902-6878	96906	MS21083N3	NUT,SELF-LOCKING .....	EA	2
7	18	XBOZZ		97403	13220E5385-2	ARM,ACTUATOR .....	EA	1
7	19	PAOZZ	5305-00-984-4983	96906	MS35208-228	.SCREW,MACHINE .....	EA	6
7	20	PAOZZ	5310-00-579-0079	96908	MS35333-37	.WASHER,LOCK .....	EA	6
7	21	PAOZZ		74193	JA3-Z79-1	.CIRCUIT BREAKER .....	EA	1
7	22	MOOOO		97403	13220E6712-8	.LEAD,ELECTRICAL .....	EA	1
7	23	PAOZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL,LUG .....	EA	1
7	24	PAOZZ	5940-00-926-0085	97403	13216E6191-2	..CLAMP,ELECTRICAL .....	EA	1
7	25	MOOOZ		81349	M50861/1-14-9	..WIRE,ELECTRICAL .....	FT	V
7	26	MOOOO		97403	13220E8712-9	.LEAD ELECTRICAL .....	EA	1
7	27	PAOZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL,LUG .....	EA	1
7	28	PAOZZ	5940-00-926-0085	97403	13216E8191-2	..CLAMP,ELECTRICAL .....	EA	1
7	29	MOOOZ		81349	M5088611-14-9	..WIRE,ELECTRICAL .....	FT	V
7	30	MOOCO		97403	13220E8712-10	.LEAD ELECTRICAL .....	EA	1
7	31	PAOZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL,LUG .....	EA	1
7	32	PAOZZ	5940-00-926-0085	97403	13216E6191-2	..CLAMP,ELECTRICAL .....	EA	1
7	33	MOOOZ		81349	M50861/1-14-9	.WIRE,ELECTRICAL .....	FT	V

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)	
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT	
7	34	MOODO		97403	13220E6712-18	.LEAD ELECTRICAL.....	EA	1	
7	35	PAOZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL,LUG .....	EA	1	
7	36	PAOZZ	5940-00-150-4682	97403	13216E6192	..TERMINAL,QUICKDISCONNECT .....	EA	1	
7	37	MOOOZ		81349	M508611-16-9	..WIRE,ELECTRICAL .....	FT	V	
7	38	PAOZZ		96906	MS9241-007	..PACKING,PREFORMED .....	EA	3	
7	39	PAOZZ		97403	13214E3487-2	..RELAY,PHASE SEQUENCE .....	EA	1	
7	40	MOOOO		97403	13214E3507-2	..WIRING ASSY RELAY .....	EA	1	
7	41	PAOZZ	5940-00-143-4774	96906	MS25036-153	..TERMINALLUG .....	EA	4	
7	42	MOOOZ		81349	M508611-16-9	..WIRE,ELECTRICAL .....	FT	V	
7	43	MOODO		81349	MIL-1-2305315 CLA SS 1	..SHRINK SLEEVING.....	FT	V	
7	44	PAOZZ	5310-00-081-8087	96906	MS21044-N06	.NUT,SELF-LOCKING .....	EA	3	
7	45	PAOZZ	5310-00-082-1404	96906	MS27183-6	.WASHER,FLAT.....	EA	3	
7	46	PAOZZ	5310-00-275-6813	97403	13214E3523-6	.NUT,SHEETSPRING .....	EA	4	
7	47	PAOZZ	5310-00-877-5797	96906	MS21044N3	.NUT,SELF-LOCKING .....	EA	8	
7	48	PAOZZ	5945-00-549-6348	96906	MS24192D1	.RELAY .....	EA	2	
7	49	MOOOO		97403	13220E6712-2	..LEAD,ELECTRICAL .....	EA	1	
7	50	PAOZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL LUG .....	EA	2	
7	51	MOOOZ		81349	M508611-14-9	..WIRE,ELECTRICAL .....	FT	V	
7	52	MOOOO		97403	13220E6712-4	..LEAD,ELECTRICAL .....	EA	1	
7	53	PAOZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL LUG.....	EA	2	
7	54	MOOOZ		81349	M508611-14-9	..WIRE,ELECTRICAL .....	FT	V	
7	55	MOOOO		97403	13220E712-6	..LEAD ELECTRICAL .....	EA	1	
7	56	PAOZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL LUG .....	EA	2	
7	57	MOOOZ		81349	M508611-14-9	..WIRE,ELECTRICAL .....	FT	V	
7	58	PAOZZ	5961-00-106-5259	58849 SS-329	RECTIFIER,SEMICOND(CTOR .....	DGE	EA	1	
7	58	PAOZZ		97403	13214E3652	..RECTIFIER,SEMICONDUCTOR DEVICE .....	EKQ	EA	1
7	59	PAOZZ	5910-00-822-5683	81349	MILC11015-12	.CAPACITOR,FIXED .....	EA	1	
7	60	PAOZZ	5330-00-914-7651	96906	MS51007-12	.GASKET .....	EA	1	
7	61	PAOZZ	5310-00-081-8087	96906	MS21044-N06	.NUT,SELF-LOCKING .....	EA	4	
7	62	PAOZZ	5310-00-811-3494	98906	MS21044N08	.NUT,SELF-LOCKING .....	EA	4	
7	63	PAOZZ	5310-00-088-0551	96906	MS21044N04	.NUT,SELF-LOCKING .....	EA	4	
7	64	PAOZZ	5330-00-060-1679	96906	MS51007-2	.GASKET .....	EA	1	
7	65	PAOZZ	5330-00-828-3628	96906	MS51007-10	.GASKET .....	EA	1	
7	66	PAOZZ		41625	B48701-000-0022.0	.CONTROL ASSY .....	DGE	EA	1
				Change	1 22				





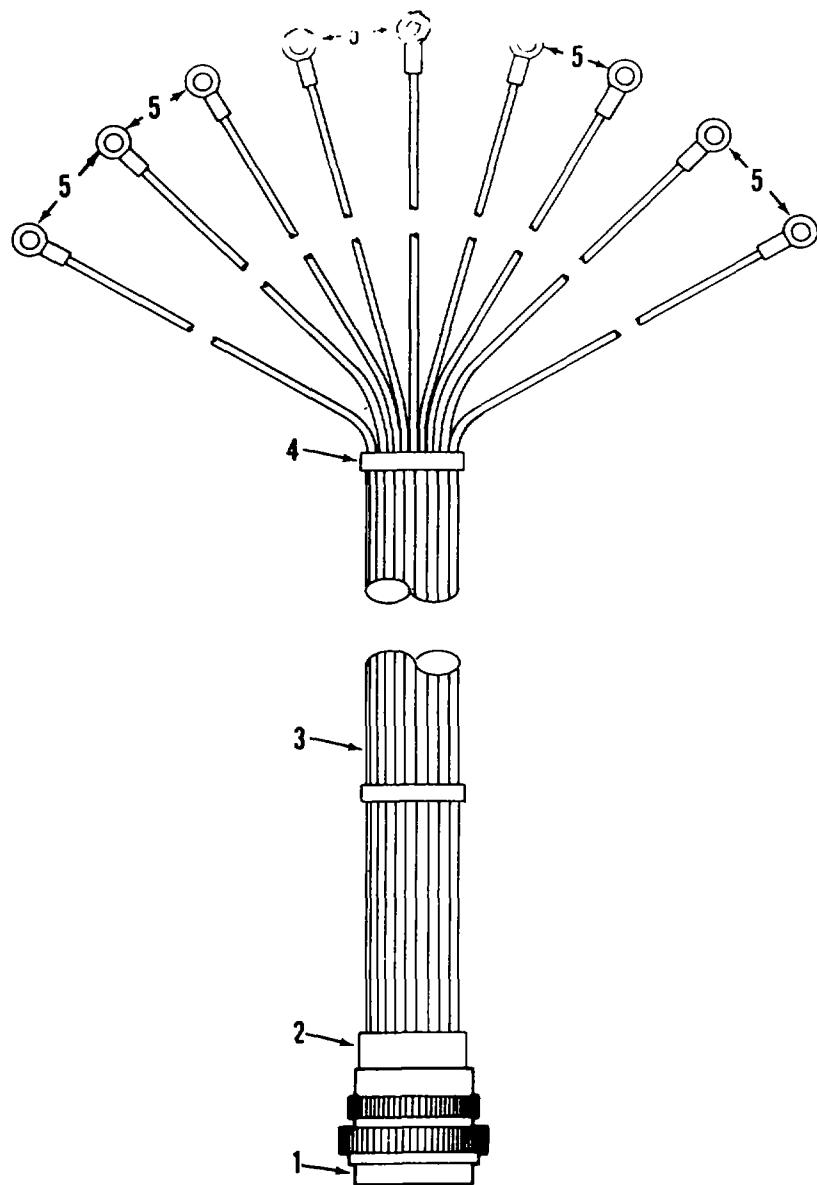
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Figure 8. Junction Box, Terminal Boards, Fuse Blocks and Fuses

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
8	1	XBOZZ		97403	13214E3412	.COVER .....		
8	2	MOOOO		81348	ASTM-D-1056	..STRIP,SEALING .....	EA SH	1 V
8	3	MOOOO		81348	ASTM-D-OS1058	..STRIP,SEALING MFG FROM ASTM-D-1058,1/8 IN.X 5/18 SEE-42-CF2 0.		
8	4	PAOZZ		94222	12-11-303W-8	125 STK .....	SH	V
8	4	PAOZZ		97403	13214E3744W8	..SCREW .....	EA	4
8	5	PAOZZ	5310-00-880-9344	97403	13211E8337	..SCREW .....	EA	4
8	6	XBOZZ		97403	13222E8358	..WASHER,LOCK .....	EA	4
8	7	PAOZZ	5305-00-984-4988	96908	MS35208-228	125 STK .....	EA	1
8	8	PAOZZ	5945-00-007-7889	02280	1880-S590-3	..SCREW,MACHINE .....	EA	4
8	9	PAOZZ	5310-00-081-8087	98906	MS21044-N08	..RELAY,SOLIDSTATE .....	.EA	1
8	10	MOOCO		97403	13220E8702-27	..NUT,SELF-LOCKING .....	EA	4
8	11	PAOZZ	5940-00-283-5280	96908	MS25038-108	..LEAD,ELECTRICAL .....	EA	1
8	12	MOOOZ		81349	M5088/1-18-9	..TERMINAL,LUG .....	FT	V
8	13	MOOOO		97403	13220E6702-28	..WIRE,ELECTRICAL .....	EA	1
8	14	MOOOZ		81349	M5088/1-18-9	13220E8702-29 .....	FT	V
8	15	MOOOO		97403	13220E8702-29	..WIRE,ELECTRICAL .....	EA	1
8	16	PAOZZ	5940-00-143-4774	98908	MS25038-153	..LEAD,ELECTRICAL .....	EA	1
8	17	MOOOZ		81349	M508811-18-9	..TERMINAL,LUG .....	FT	V
8	18	MOOOO		97403	13220E8702-33	..WIRE,ELECTRICAL .....	EA	1
8	19	PAOZZ	5940-00-143-4774	98908	MS25038-153	13220E8702-33 .....	EA	1
8	20	MOOOZ		81349	M5088/1-18-9	..TERMINAL,LUG .....	FT	V
8	21	MOOOO		81349	MIL-I-23053/5	..WIRE,ELECTRICAL .....	FT	V
8	22	PAOZZ	5310-00-877-5797	98908	CLA SS 1 MS21044N3	CLAS S 1 .....	EA	4
8	23	XBOZZ		81349	MIL-T-55184/3	..NUT,SELF-LOCKING .....	EA	1
8	24	MOOOO		97403	13220E8712-5	TERMINAL BOARD .....	EA	1
8	25	PAOZZ	5940-00-143-4774	98906	MS25038-153	..LEAD,ELECTRICAL .....	EA	1
8	26	PAOZZ	5940-00-143-4780	98908	MS25038-108	..TERMINAL,LUG .....	EA	1
8	27	MOOOZ		81349	M506/1-14-9	..TERMINAL,LUG .....	FT	V
8	28	MOOOO		97403	13220E8712-3	..WIRE,ELECTRICAL .....	EA	1
8	29	PAOZZ	5940-00-143-4780	98906	MS25038-108	..LEAD,ELECTRICAL .....	EA	1
8	30	PAOZZ	5940-00-143-4774	98908	MS25038-153	..TERMINAL,LUG .....	EA	1
8	31	MOOOZ		81349	M5086/1-14-9	..WIRE,ELECTRICAL .....	FT	V
8	32	MOOOO		97403	13220E8712-1	..LEAD,ELECTRICAL .....	EA	1
8	33	PAOZZ	5940-00-143-4780	98906	MS25038-108	..TERMINAL,LUG .....	EA	1
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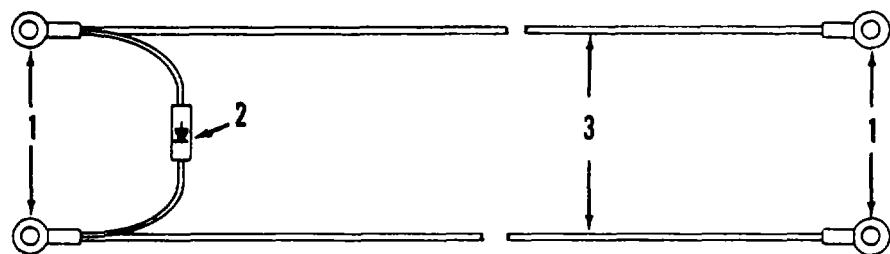
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
8	34	PAOZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL,LUG .....	EA	1
8	35	MOOOZ		81349	M508611-14-9	WIRE,ELECTRICAL .....	FT	V
8	36	PAOZZ	5310-00-081-8087	96906	MS21044-N06	NUT,SELF-LOCKING .....	EA	2
8	37	MOOOO		97403	13220E6712-30	.LEAD,ELECTRICAL .....	EA	1
8	38	PAOZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL,LUG .....	EA	1
8	39	PAOZZ	5940-00-283-5280	96906	MS25036-106	TERMINAL,LUG .....	EA	1
8	40	MOOOZ		81349	M5086/1-16-9	WIRE,ELECTRICAL .....	FT	V
8	41	XBOZZ		97403	13214E3804	TERMINAL BOARD .....	EA	1
8	42	MOOOO		97403	13220E6712-32	.LEAD ELECTRICAL .....	EA	1
8	43	PAOZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL,LUG .....	EA	2
8	44	MOOOZ		81349	M5086/1-16-9	WIRE,ELECTRICAL .....	FT	V
8	45	MOOO	Z	97403	13206E6712-34	LEAD,ELECTRICAL .....	EA	1
8	46	PAOZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL,LUG .....	EA	2
8	47	MOOOZ		81349	M5086/1-16-9	WIRE,ELECTRICAL .....	FT	V
8	48	PAOZZ	5920-00-939-5442	71400	KAW5	FUSE,CARTRIDGE .....	EA	1
8	49	PAOZZ	5305-00-059-4552	96906	MS35190-237	.SCREW,MACHINE .....	EA	4
8	50	PAOZZ	5920-00-240-4066	71400	4515	.FUSE BLOCK .....	EA	1
8	51	MOOOO		81346	ASTM-D-710 ELEC GRADE COLOR GREY	C-INSULATION MFG FROM ASTM-D-710,0 031 STK X 0.750 X 2 560 LG .....	SH	V
8	52	PAOZZ	5920-00-280-4431	81349	MIL-F-15160/9	FUSE .....	EA	1
8	53	XBOZZ		97403	13211E3784	FUSE BLOCK .....	EA	1
8	54	MOOOO		81346	ASTM-D-710 ELEC GRADE COLOR GREY	C-INSULATION MFG FROM ASTM-D-710, 0.031 STK X 1.310 X 2 560 LG .....	SH	V
8	55	PAOZZ	5310-00-081-8087	96906	MS21044-N06	.NUT,SELF-LOCKING .....	EA	4
8	56	PAOZZ	5305-00-889-3001	96906	MS35206-231	.SCREW,MACHINE .....	EA	2
8	57	PAOZZ	5305-00-984-4988	96906	MS35206-228	.SCREW,MACHINE .....	DGE	1
8	57	PAOZZ	96906	MS35206-230	.SCREW,MACHINE .....	EKQ	1	
8	58	PAOZZ	5310-00-082-1404	96906	MS27183-6	WASHER,FLAT .....	EA	1
8	59	MOOOO	97403	13220E6712-7	LEAD ELECTRICAL .....	EA	1	
8	60	PAOZZ	5940-00-143-4794	96906	MS25036-112	TERMINAL,LUG .....	EA	1
8	61	PAOZZ	5940-00-143-4777	96906	MS25036-157	TERMINAL,LUG .....	EA	1
8	62	MOOOZ	81349	M5086/1-10-9	WIRE,ELECTRICAL .....	FT	V	
8	63	PAOZZ	5310-00-877-5797	96906	MS21044N3	.NUT,SELF-LOCKING .....	EA	1
8	64	PAOZZ	5310-00-045-3296	96906	MS35338-43	WASHER,LOCK .....	EA	1
8	65	PAOZZ	5310-00-014-5850	96906	MS27183-42	.WASHER,FLAT .....	EA	2
8	66	PAOZZ	5305-00-984-6213	96906	MS35206-266	.SCREW,MACHINE .....	EA	5

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Figure 9. Wiring Harness, 13220E6707



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Figure 10. Wiring Harness 13220E6708

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		QTY U/M	INC IN UNIT
9		MOOOO		97403	13220E6707	.WIRING HARNESS .....		
9	1	PAOZZ	5935-00-846-2329	96906	MS3106R20—275	..CONNECTOR ELECTRICAL .....	EA	1
9	2	XBOOZ	5340-00-023-5322	96906	MS25251-16	..PLUG, PROTECTIVE .....	EA	1
9	3	MOOOZ		81349	M5086/1-16-9	..WIRE ELECTRICAL .....	FT	V
9	4	MOOOO			MIL-I-43435 TYPE	..TAPE, LACING .....	FT	V
9	5	PAOZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG .....	EA	9
10		MOOOO		97403	13220E6708	.WIRING HARNESS .....	EA	1
10	1	PAOZZ	5940-00-143-4774	96906	MS25306-153	..TERMINAL, LUG .....	EA	1
10	2	PAOZZ	5961-00-054-4150	09124	1N1695	..SEMICONDUCTOR DEVICE .....	EA	1
10	3	MOOOZ		81349	M5086/1-16-9	..WIRE ELECTRICAL .....	FT	V

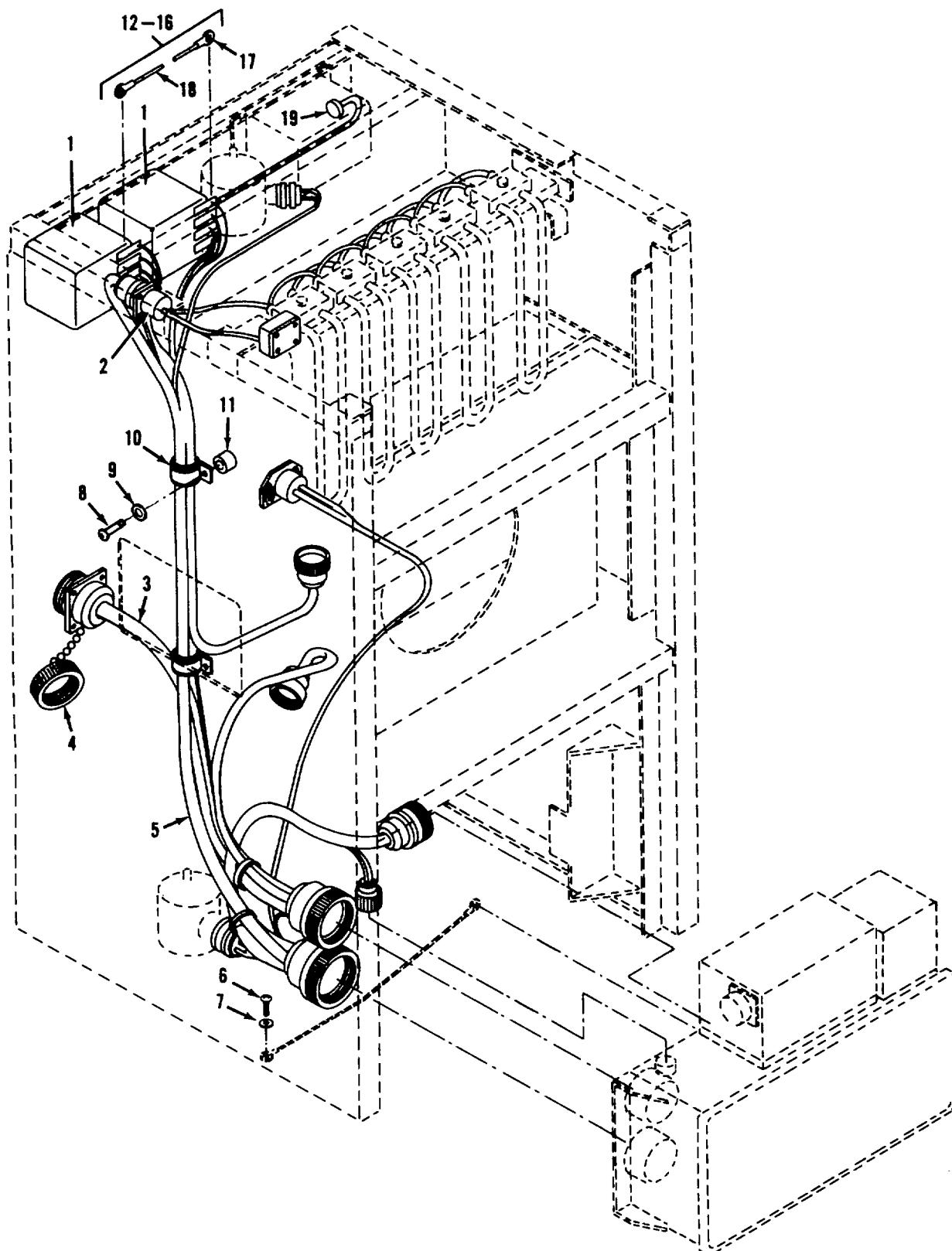
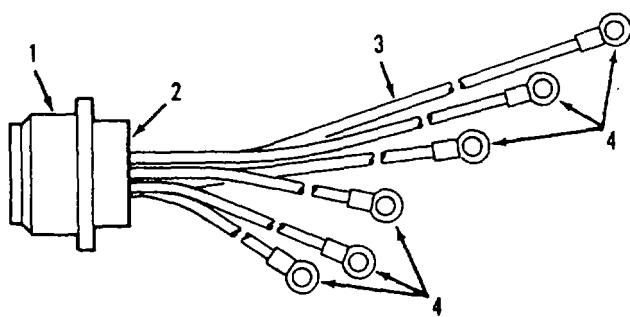


Figure 11. Electrical Installation

TM 5-4120-339-24P

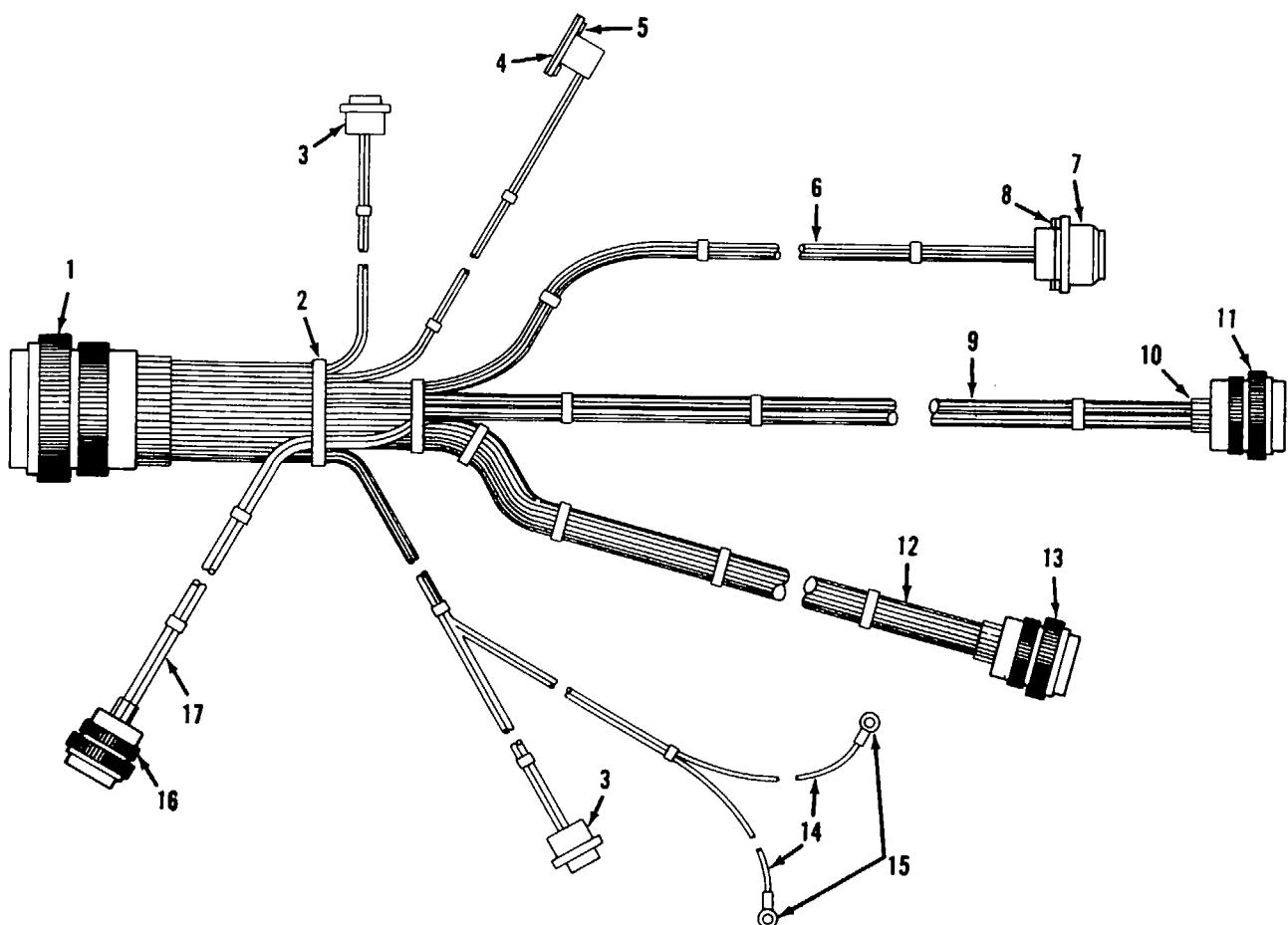
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
11	1	PAOZZ	5945-00-430-6933	77342	PM4030	RELAY,ELECTROMAGNET .....		
11	2	MOOOO	6150-00-107-3741	97403	13214E3587	LEAD ASSY,ELECTRICAL REFER TO FIG12 FOR PARTS BREAKDOWN .....	EA	2
11	3	MOOOO		97403	13218E9902	WIRING HARNESS REFER TO FIG 13 FOR PARTS BREAKDOWN .....	EA	1
11	4	PAOZZ	5935-00-221-8620	96906	MS25043-200	COVER,ELECTRICAL .....	EA	1
11	5	AOOOO		97403	13220E6709	WIRING HARNESS REFER TO FIG 14 FOR PARTS BREAKDOWN.....DGE	EA	1
11	5	AOOOO		97403	13222E7230	WIRING HARNESS REFER TO FIG 14 FOR PARTS BREAKDOWN .....EKQ	EA	1
11	6	PAOZZ	5305-00-068-0505	96906	MS90726-5	SCREW,CAP,HEXAGON .....	EA	1
11	7	PAOZZ	5310-00-809-4058	96906	MS27183-10	WASHER,FLAT .....	EA	1
11	8	PAOZZ	5305-00-993-1848	96906	MS35207-265	SCREW,MACHINE .....	DGE	2
11	8	PAOZZ		96906	MS35207-268	SCREW,MACHINE .....	EKQ	2
11	9	PAOZZ	5310-00-045-3296	96906	MS35338-43	WASHER,LOCK.....	EA	2
11	10	PAOZZ	5340-00-726-9317	96908	MS21919DG9	CLAMP,LOOP .....	DGE	2
11	10	PAOZZ		96906	MS21919WCH9	CLAMP,LOOP .....	EKQ	2
11	11	XBOZZ		97403	13211E8376-1	SPACER .....	EA	2
11	12	MOOOO		97403	13220E6712-21	LEAD ELECTRICAL K7- C3 TO KS-A3 .....	EA	1
11	13	MOOOO		97403	13220E6712-19	LEADELECTRICALK7-CITOK8-CI .....	EA	1
11	14	MOOOO		97403	13220E6712-20	LEAD ELECTRICAL K7-D1 TO K8-D1 .....	EA	1
11	15	MOOOO		97403	13220E6712-22	LEAD ELECTRICAL K7-D3 TO K8-B3 .....	EA	1
11	16	MOOOO		97403	13220E6712-36	LEAD ELECTRICAL K7-A3 TO K7-B1 .....	EA	1
11	17	PAOZZ	5940-00-143-4774	96906	MS25036-153	.TERMINAL,LUG .....	EA	8
11	18	MOOOZ		81349	M5086/1-16-9	.WIRE,ELECTRICAL .....	FT	V
11	19	PAFZZ	5325-00-263-6632	96906	MS35489-6	GROMMET.NONMETALIC .....	EA	1
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Figure 12. Wiring Harness, 13214E3587

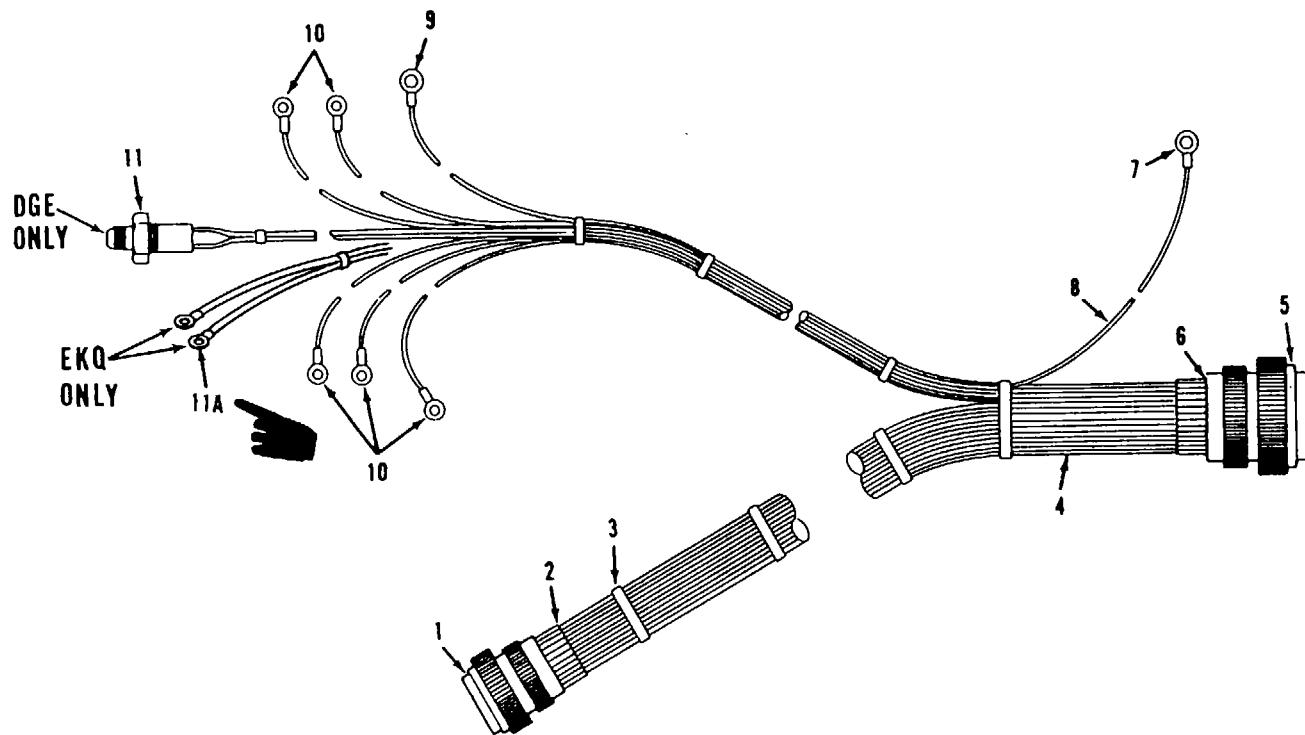
(1) ILLUSTRATION		(2)	(3) NATIONAL STOCK NUMBER	(4)	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE		FSCM			U/M	
12		MOOOZ	5935-00-835-4208	97403	13214E3587	LEAD ASSEMBLY, ELECTRICAL .....	EA	1
12		PAOZZ		96906	MS3100R16	.CONNECTOR , ELECTRICAL.....	EA	1
		S1PW						
12	2	XBOZZ	5340-00-823-5322	91906	M25251-16	.LUG, PROTECTIVE.....	EA	1
12	3	MOOOZ	5940-00-143-4780	81349	M5086/1-16-9	.WIRE, ELECTRICAL .....	FT	V
12	4	PAOZZ		96906	MS25036-108	.TERMINAL, LUG.....	EA	6



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Figure 13. Wiring Harness, 13218E9902

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	QTY INC IN UNIT	
U/M								
13	1	MOOOO	5935-00-847-8124	97403	13218E9902	WIRING HARNESS .....	EA	1
13	1	PAOZZ		96908	MS3106R32-6S	.CONNECTOR,ELECTRICAL .....	EA	1
13	2	MOOO		81349	MIL-T-43435TYPE	.TAPE LACING.....	FT	V
					1 FINISH B SIZE 3			
13	3	PAOZZ	5975-00-937-3880	49367	DB92100	.CONNECTORBOX,ELECTRICAL .....	DGE	2
13	3	PAOZZ		97403	13214E3467	.CONNECTOR BOX,ELECTRICAL.....	EA	2
13	4	PAOZZ	5930-00-981-8880	97403	13211E8180	.SWITCH,THERMOSTATIC.....	EA	1
13	5	XBOZZ		97403	13220E5672	.PLATE,CONNECTOR .....	EA	1
13	6	MOOOZ		81349	M5088/1-12-9	.WIRE,ELECTRICAL .....	FT	V
13	7	PAOZZ	5935-00-928-7885	98906	MS3100R20-4P	.CONNECTOR,ELECTRICAL .....	EA	1
13	8	PAOZZ		97403	13211E8320-7	.RETAINER RING,ELECTRICAL CONNECTOR .....	EA	1
13	9	MOOOZ		81349	M5088/1-16-9	.WIRE,ELECTRICAL .....	FT	V
13	10	XBOZZ	5340-00-823-5322	96906	MS25251-16	.PLUG,PROTECTVE .....	EA	2
13	11	PAOZZ	5935-01-068-7478	96906	MS3106R18S1SW	.CONNECTOR,ELECTRICAL .....	EA	1
13	12	MOOOZ		81349	M5088/1-14-9	.WIRE,ELECTRICAL .....	FT	V
13	13	PAOZZ	5935-00-818-8848	98906	MS3106R20-15S	.CONNECTOR,ELECTRICAL .....	EA	1
13	14	MOOOZ		81349	M508681-18-9	.WIRE,ELECTRICAL .....	FT	V
13	15	PAOZZ	5940-00-143-4774	96906	MS25038-153	.TERMINAL,LUG .....	EA	2
13	16	PAOZZ	5935-00-816-4802	98908	MS3106R10SL3P	.CONNECTOR,ELECTRICAL .....	EA	1
13	17	MOOOZ		81349	M508811-18-9	.WIRE,ELECTRICAL .....	FT	V
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Figure 14. Wiring Harness, 1320E6709 and 1322E7230

Change 1 36

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
14		MOOOO		97403	13220E6709	.WIRING HARNESS .....	DGE	EA 1
14		AOOOO		97403	13222E7230	.WIRING HARNESS .....	EKQ	EA 1
14	1	PAOZZ	5935-00-801-6623	96906	MS3100R28-11S	.CONNECTOR,ELECTRICAL .....		EA 1
14	2	XBOZZ	5935-00-565-9503	96906	MS25251-12	.PLUG-ENDSEAL,ELECTRICAL .....		EA 4
14	3	MOOOO		81349	MIL-T-43435 TYPE 1 FINISH B SIZE 3	TAPE,LACING .....		FT V
14	4	MOOOZ		81349	M5086/1-16-9	.WIRE,ELECTRICAL .....		FT V
14	5	PAOZZ	5935-00-752-2793	96906	MS3108R28-12P	.CONNECTOR,ELECTRICAL .....		EA 1
14	6	XBOZZ	5340-00-823-5322	96906	MS25251-16	.PLUG,PROTECTIVE .....		EA 1
14	7	PAOZZ	5940-00-143-4777	96906	MS25036A157	.TERMINAL,LUG .....		EA 1
14	8	MOOOZ		81349	M5088/1-10-9	.WIRE,ELECTRICAL .....		FT V
14	9	PAOZZ	5940-00-143-4794	96906	MS25036-112	TERMINAL,LUG .....		EA 1
14	10	PAOZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL,LUG .....		EA 5
14	11	PAOZZ	5930-00-396-2244	82647	6PS306N405NL 285	.SWITCH,PRESSURE .....	DGE	EA 1
14	11A	PAOZZ		96906	MS25036-107	.TERMINAL,LUG .....	EKQ	EA 2
					Change 1 37			

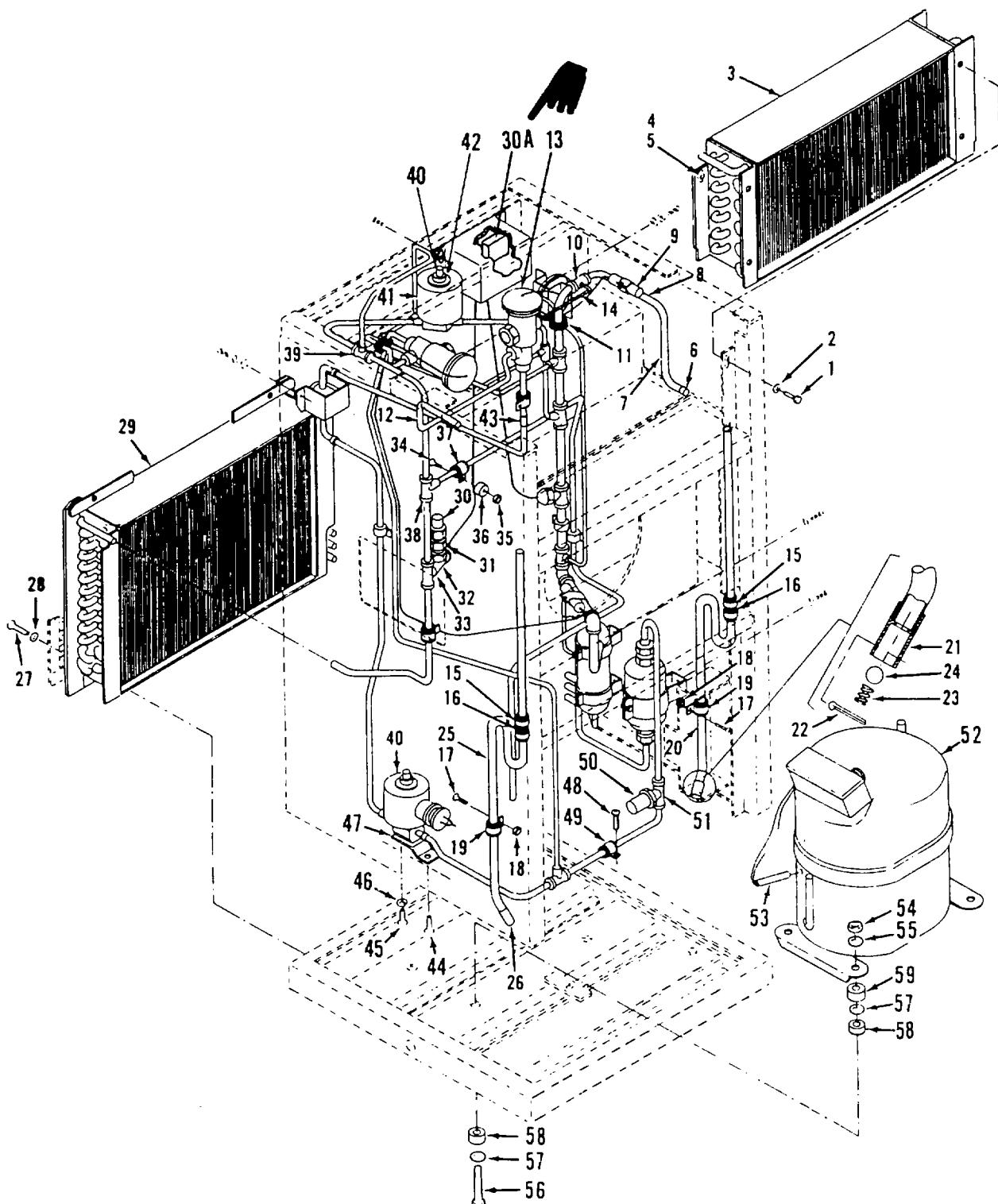


Figure 15. Refrigerant Compressor, Coil, and Tubing

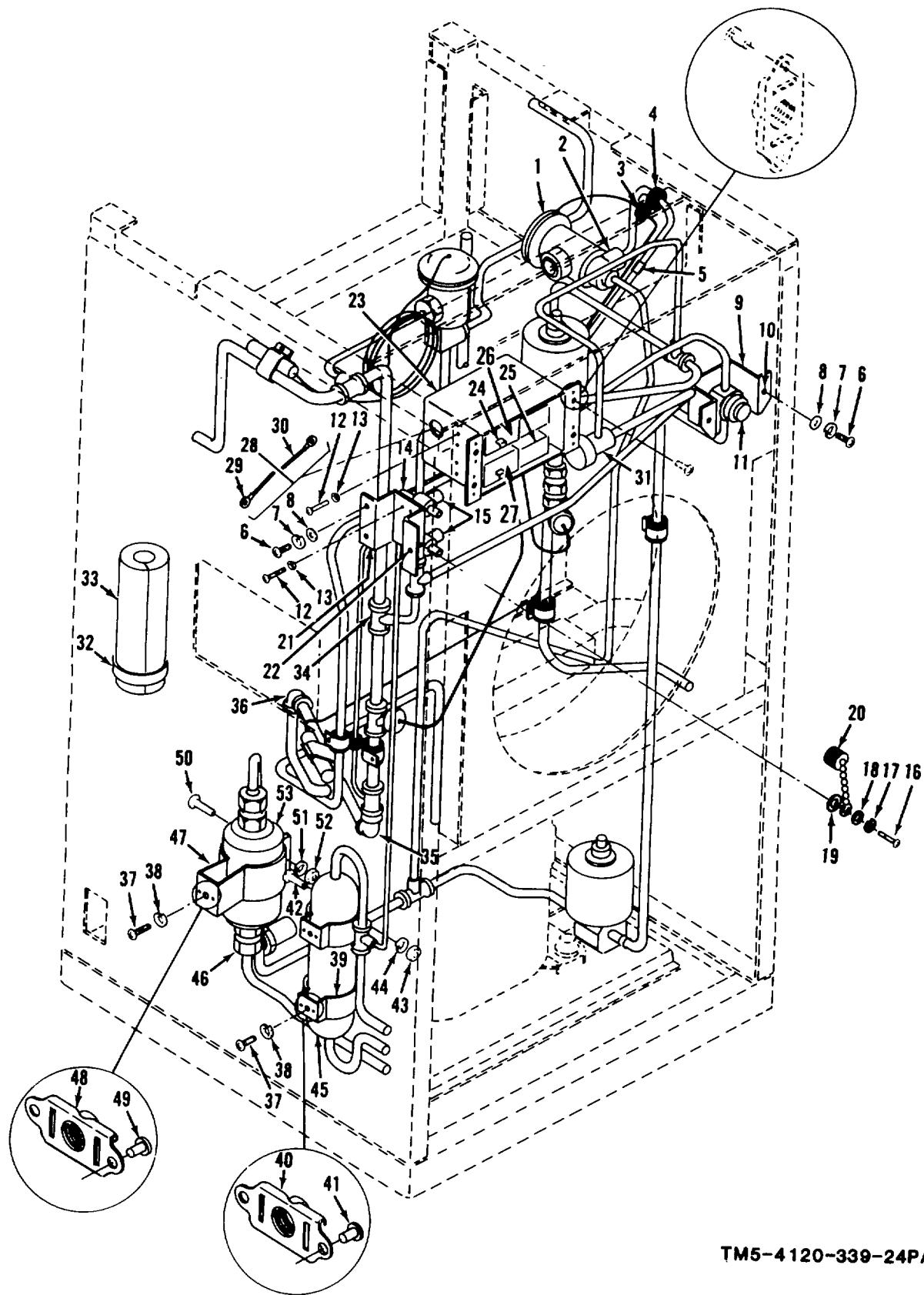
Change 1 38

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
15	1	PAFZZ	5305-00-857-5867	96906	MS9122-03	SCREW,MACHINE .....	EA	6
15	2	PAFZZ	5310-00-809-8546	96906	MS27183-8	WASHER,FLAT.....	EA	6
15	3	PAFZZ	4130-01-057-2638	97403	13220E0607	COIL,EVAPORATOR.....	EA	1
15	4	PAFZZ	5320-00-117-6938	96906	MS20426AD3-4	RIVET,SOLIDCSK.....	EA	12
15	5	PAFZZ	5310-00-772-3720	96906	MS21075L3	NUT,SELF-LOCKING .....	EA	6
15	6	PAFZZ	4730-00-932-0970	96906	MS35920-3	REDUCER,TULBE.....	EA	1
15	7	MFFFF		81346	ASTM-B280 0. 500 OD	TUBE,COPPER, 0.500 STK .....	FT	V
15	8	PAFZZ	5640-00-580-8276	77464	165	TAPE,INSULATION .....	EA	V
15	9	MFFFF		81346	ASTM-B280 0. 750 OD	TUBE,COPPERO 0.750 STK .....	FT	V
15	10	PAFZZ	4730-00-821-9184	97403	13211E4043-12	TEE,TUBE .....	EA	4
15	11	PAOZZ	5325-00-276-6100	96906	MS35489-14	GROMMET,NONMETALLIC.....	EA	1
15	12	MFFFF		81346	ASTM-B280 0. 375OD	TUBE,COPPER0.375STK .....	FT	V
15	13	PAFZZ	4820-00-112-0047	97403	13214E3568-2	VALVE,EXPANSION .....	EA	1
15	14	MFFFF		81346	ASTM-B2800. 250OD	TUBE,COPPER0.250STK .....	FT	V
15	15	PAFZZ	4730-00-908-3194	96906	MS35842-11	CLAMP,HOSE .....	EA	4
15	16	PAFZZ	4720-00-269-7060	97403	13211E8323	HOSE,DRAIN .....	EA	2
15	17	PAFZZ	5305-00-063-3503	96906	MS24693-S50	SCREW,MACHINE .....	EA	2
15	18	PAFZZ	5310-00-060-2039	96906	MS21044D08	NUT,SELF-LOCKING .....	EA	2
15	19	PAFZZ	5340-00-108-0551	96906	MS21004-D10	CLAMP,LOOP .....	DGE	2
15	19	PAFZZ		96906	MS21919WCH 10	CLAMP,LOOP .....	EKO	2
15	20	XBOZZ	4710-01-091-3906	97403	13214E3484	TUBE,BENT,METALLIC .....	EA	1
15	21	XBOZZ		97403	13211E8410	SEAT,BALLCHECK.....	EA	1
15	22	PAFZZ	5315-00-234-1856	96906	MS24665-155	PIN .....	EA	2
15	23	PAFZZ	5360-00-240-6526	97403	13211E8412	SPRING,HELICAL,COMPRESSION .....	EA	2
15	24	PAFZZ	3110-00-136-2696	97403	13211E8411	BALL,BEARING.....	EA	2
15	25	XBOZZ		97403	13214E3486	TUBE,DRAIN .....	EA	1
15	26	XBOZZ		97403	13211E8410	SEAT,BALLCHECK.....	EA	1
15	27	PAFZZ	5305-00-993-1848	96906	M535207-265	SCREW,MACHINE .....	EA	6
15	28	PAFZZ	5310-00-821-2366	97403	13214E3469	WASHER,FLAT .....	EA	6
15	29	PAFZZ	4130-00-902-1482	10855	76G2-224	COOLINGCOIL,AIR .....	EA	1
15	30	PAFZZ	5930-00-396-2244	82647	6P5306N405N 285L	SWITCH,PRESSURE.....	DGE	R
15	30A	PAFZZ		97403	13221E9273-2	SWITCH,PRESSURE.....	EA	1
15	31	PAFZZ	4730-00-769-3961	41947	A13563	COUPLING,TUBE .....	EA	1
15	32	PAFZZ	4730-00-821-9184	41947	W40350	TEETUBEANGLE .....	EA	1

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
15	33	PAFZZ	4730-00-926-9649	97403	13214E3411-1	TEE, PIPE TO TUBE .....	EA	1
15	34	PAFZZ	5305-00-995-3442	96906	MS35207-268	SCREW, MACHINE .....	EA	6
15	35	PAFZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF-LOCKING .....	EA	3
15	36	XBOZZ		97403	13211E8376-1	SPACER.....	EA	7
15	37	PAFZZ	5340-00-543-4394	96906	MS21919DG6	CLAMP, LOOP .....	DGE	8
15	37	PAFZZ		96906	MS21919WCH6	CLAMP, LOOP .....	EKO	8
15	38	PAFZZ	4730-00-263-6460	96906	MS35929-3	TEE, TUBE .....	EA	2
15	39	PAFZZ	4730-00-818-7778	97403	13211E4043-6	TEE, TUBE .....	EA	3
15	40	PAFFF	4810-00-433-0763	93781	ORS320-24VDC	VALVE, SOLENOID .....	DGE	2
15	40	PAFFF		97403	13214E3524	VALVE, SOLENOID .....	EKO	1
15	41	XAOZZ		93781	OR-23-24VDC	COIL AND HOUSING .....	DGE	1
15	41	XAOZZ		93781	OR-23MM24V	COIL, SOLENOID VALVE.....	EKO	1
15	42	PAFZZ	5330-00-402-4645	93781	P45-I11 SEAL	DGE .....	EA	1
15	43	PAFZZ	4730-00-264-9153	96906	MS35927-3	COUPLING, TUBE .....	EA	1
15	44	PAFZZ	5305-00-984-6194	96906	MS35206-246	SCREW, MACHINE .....	EA	1
15	45	PAFZZ	5305-00-984-6193	96906	MS35206-245	SCREW, MACHINE .....	EA	8
15	46	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	1
15	47	XBOZZ	5340-01-026-3363	97403	13214E3592-1	BRACKET, DOUBLE ANGLE .....	EA	1
15	48	PAFZZ	5305-00-989-7435	96906	MS35207-264	SCREW, MACHINE .....	EA	6
15	49	PAFZZ	5340-00-543-4394	96906	MS21919DG6	CLAMP, LOOP .....	DGE	8
15	49	PAFZZ		96906	MS21919WCH6	CLAMP, LOOP .....	EKO	8
15	50	PAFZZ	4820-00-073-8405	98930	C1503-01	VALVE, SAFETY RELIEF .....	DGE	1
15	50	PAFZZ		97403	13211 E8369	VALVE, PRESSURE RELIEF .....	EKO	1
15	51	PAFZZ	4730-00-143-8933	97403	13214E3411-3	TEE, PIPE TO TUBE .....	EA	1
15	52	PAFZZ	4130-01-048-2139	97403	13208E4182-7	COMPRESSOR, REFRIGERATION .....	EA	1
15	53	PAFZZ	4540-00-174-0039	65586	C205	HEATINGELEMENT .....	EA	1
15	54	PAFZZ	5310-00-984-3806	96906	MS51922-9	NUT, SELF-LOCKING .....	EA	4
15	55	PAFZZ	5310-00-167-0767	88044	AN970-5	WASHER, FLAT.....	EA	8
15	56	PAFZZ	5306-00-235-4727	97403	13211E8166	BOLT,EXTERNALLYRELIEVED.....	EA	4
15	57	PAFZZ	5310-01-032-4875	97403	13214E3476	WASHER, FLAT.....	EA	8
15	58	PAFZZ	5310-00-401-3365	97403	13211E8170	WASHER.....	EA	8
15	59	XBFZZ	5365-01-114-0777	97403	13214E3659	SPACER.....	EA	4

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TM5-4120-339-24P/16

Figure 16. Refrigerant Dehydrator and Valves

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U/M	
16	1	PAFZZ	4820-01-038-8231	97403	13214E3785-2	VALVE,EXPANSION .....	EA	1
16	2	PAFZZ	4730-00-822-1274	97403	13211E3799-1	REDUCER,TUBE.....	EA	1
16	3	PAFZZ	5325-00-286-6047	96906	MS35489-1	GROMMET,NONMETALLIC.....	EA	1
16	4	PACZZ	5325-00-263-6632	96906	MS35489-6	GROMMET,NONMETALLIC.....	EA	1
16	5	PAFZZ	4730-00-264-9151	96906	MS35927-2	COUPLING,TUBE.....	EA	1
16	6	PAFZZ	5305-00-984-6194	96906	MS35206-246	SCREW,MACHINE .....	EA	5
16	7	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER,LOCK.....	EA	7
16	8	PAFZZ	5310-00-809-8544	96906	MS27183-7	WASHER,FLAT.....	EA	5
16	9	XBFFF		97403	13214E3419	BRACKET.....	EA	1
16	10	PAFZZ	5310-01-043-5788	96906	MS27130-S13K	NUT,PLAIN,BLIND,RIVET .....	EA	2
16	11	PAFZZ	4130-00-073-8404	78462	SA-K13	INDICATOR,SIGHT .....	EA	1
16	12	PAOZZ	5305-00-984-4984	96906	MS35206-227	SCREW,MACHINE .....	EA	4
16	13	PAOZZ	5310-00-045-4007	96906	MS35338-41	WASHER,LOCK.....	EA	4
16	14	PAFZZ	4730-00-189-2737	96906	MS35872-2	NUT,TUBECOUPLING .....	EA	3
16	15	PAFZZ	4820-01-015-6690	97403	13219E9499-1	VALVE,GLOBE.....	EA	2
16	16	PAFZZ	5305-00-984-8195	96906	MS35206-247	SCREW,MACHINE .....	EA	1
16	17	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER,LOCK.....	EA	1
16	18	PAOZZ	5310-00-823-8804	96906	MS27183-9	WASHER,FLAT.....	EA	1
16	19	PAFZZ	5310-00-809-8544	96906	MS27183-7	WASHER,FLAT.....	EA	1
16	20	PAFZZ	4730-01-092-3835	97403	13219E9540	CAP AND CHAIN .....	EA	2
16	21	XBOOO		97403	13220E6722	BRACKET,SERVICE VALVE .....	EA	1
16	22	POZZ		96906	MS27130-S93	NUT,BLIND RIVET.....	EA	4
16	23	XDFFF		97403	13214E3578-1	ENCLOSURE .....	DGE	1
16	23	XDFFF		97403	13222E3701-1	ENCLOSURE .....	EKQ	1
16	24	PAFZZ	5320-00-117-6538	96906	MS20426AD3-4	RIVET,SOLID .....	EA	8
16	25	PAFZZ	5310-00-680-4985	80205	NAS1031A06	NUT,SELF-LOCKING .....	EA	4
16	26	PAFZZ	5930-00-275-7800	97403	13211E8404	SWITCH,PRESSURE .....	EA	1
16	27	PAFZZ	5930-00-312-4115	97403	13214E3794	SWITCH,PRESSURE .....	EA	1
16	28	MOOOO		97403	13220E6712-26	LEAD ELECTRICAL S5-1 TO S6-2 .....	EA	1
16	29	PAOZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL,LUG .....	EA	2
16	30	MOOOZ		81349	M5086/1-16-9	WIRE,ELECTRICAL .....	FT	V
16	31	PAFZZ	4820-00-106-1973	97403	13214E3742	REGULATOR,FLUIDPRESSURE .....	EA	1
16	32	PAFZZ	7510-00-852-8179	81349	MIL-T-22085	TAPE,PRESSURE,SENSITIVE .....	RL	V
16	33	MOOOO		191349	MIL-P-15280			
					FORM T 0 50 ID X 0.50 WALL	PLASTIC MATERIAL .....	EA	V

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		QTY U/M	INC IN UNIT
16	34	PAFZZ	4730-00-203-4922	97403	13211E4043-11	TEE,TUBE .....	EA	1
16	35	PAFZZ	4730-00-821-3037	97403	13216E6176-3	ELBOW,TUBE.....	EA	1
16	36	PAFZZ	4730-00-254-6449	97403	13216E6190-3	ELBOW,TUBE.....	EA	1
16	37	PAFZZ	5305-00-993-2738	98906	MS35207-280	SCREW,MACHINE .....	EA	3
16	38	PAFZZ	5310-00-582-5965	96906	MS35338-44	WASHER,LOCK.....	EA	3
16	39	PAFZZ		97403	13211E8408-1	CLAMP,LOOP .....	EA	2
16	40	PAFZZ	5310-00-771-7359	96906	MS21076-L4	NUT,SELF LOCK PLATE.....	EA	1
16	41	PAFZZ	5320-00-005-6256	11815	CCR264SS3-4	RIVET,BLIND .....	EA	2
16	42	PAFZZ	5305-00-958-0588	96906	MS35207-287	SCREW,MACHINE .....	EA	2
16	43	PAFZZ	5310-00-043-0520	96906	MS35650-3252	NUT,PLAIN,HEXAGON .....	EA	2
16	44	PAFZZ	5310-00-582-5965	96906	MS35338-44	WASHER,LOCK.....	EA	2
16	45	XBFZZ		97403	13214E3798-2	RECEIVER .....	EA	1
16	46	PAFZZ	4730-00-189-2739	96906	MS35872-3	NUT,TUBE COUPLING .....	EA	2
16	47	PAFFF		97403	13211E8406-2	BRACKET ASSEMBLY .....	EA	1
16	48	PAFZZ	5310-00-771-7359	96906	MS2107-L4	NUT,SELF LOCK PLATE.....	EA	1
16	49	PAFZZ	5320-00-005-6256	11815	CCR264SS3-4	RIVET,BLIND .....	EA	2
16	50	PAFZZ	5305-00-088-8923	96906	MS35207-285	SCREW,MACHINE .....	EA	1
16	51	PAFZZ	5310-00-582-5965	96906	MS35338-44	WASHER,LOCK.....	EA	1
16	52	PAFZZ	5310-00-043-0520	96906	MS35650-3252	NUT,PLAIN,HEXAGON .....	EA	1
16	53	PAFZZ	4130-00-572-4709	70255	EK-083	DEHYDRATOR,DESICCANT .....	DGE	1
16	53	PAFZZ		97403	13214E3557	DEHYDRATOR,DESICCANT,REFRIGERANT .....	EKO	1

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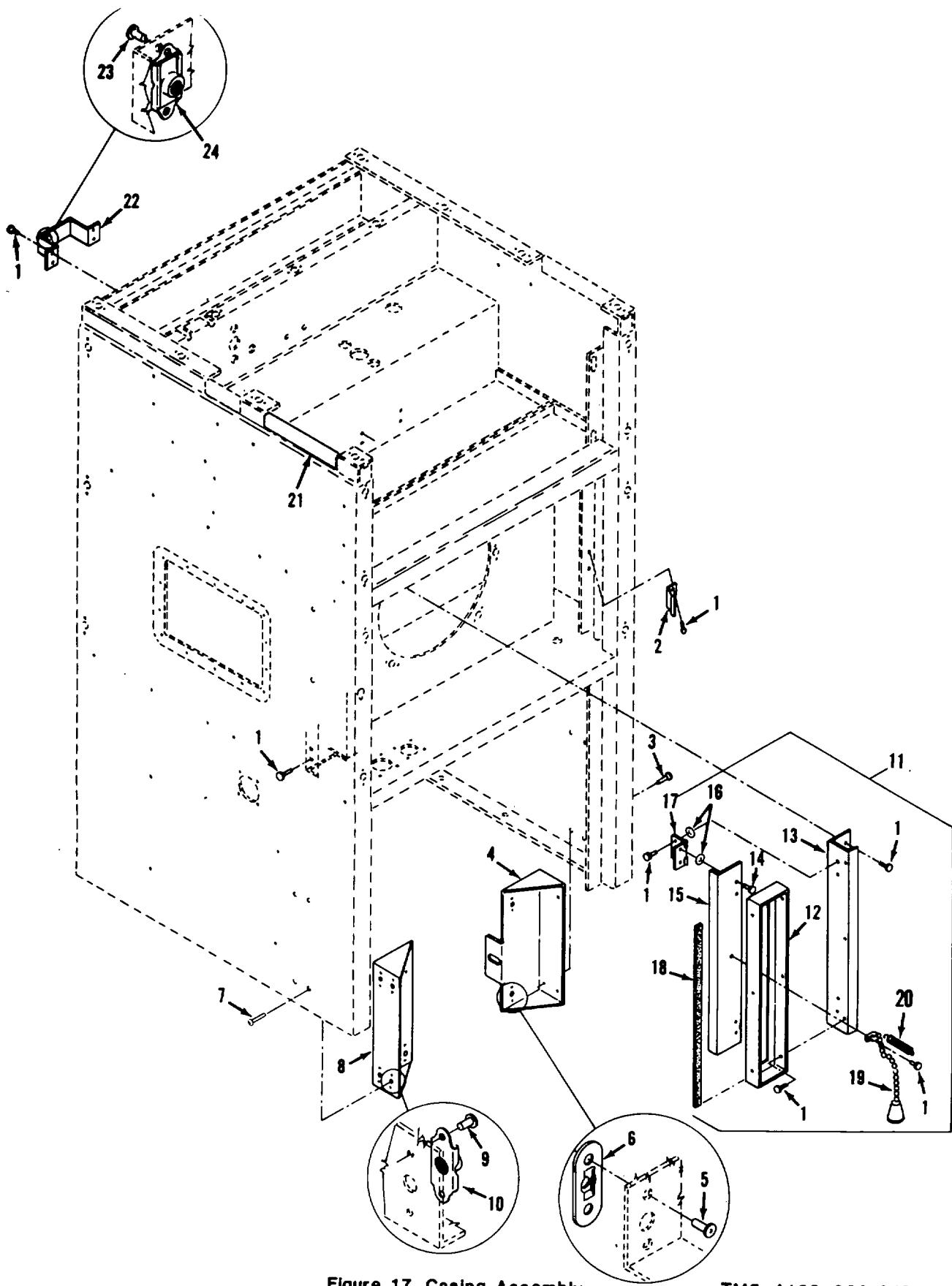


Figure 17. Casing Assembly

TM5-4120-339 24P/17

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		QTY INC IN UNIT	
						GROUP 06 CASING ASS2E BLY		
17	1	XBFHH		97403	13222E0610	CASTINGASSYY .....	EA	1
17	1	PAFZZ	5320-00-932-1572	97403	13214E3789-2	RIVET,BLIND .....	EA	52
17	2	PAFZZ		97403	1321689521	LIP,FILTE.....	A	1
17	3	PAFZZ	320-00-882-8388	07707	A043H	RIVET BLIN .....	EA	14
17	4	XBFFF		97403	13214E3382	BRACKET,JUNCTIONBOX,RIGHT SIDE .....	EA	1
17	5	PAFZZ	5320-00-323-3984	97403	13214E3791-1	RIVET,LIN .....	EA	8
17	6	PAFZZ	5310-00-089-6304	97403	13211E8382	NUT,SHEET SPRIN.....	EA	4
17	7	PAOZZ	5305-00-9844989	96906	MS35206-229	SCREW,MACHINE .....	EA	4
17	8	XBFFF		97403	13222E0112	RACKET,JUNCTION BOX LEFT SIDE .....	EA	1
T1	9	PAFZZ	3320-00-117-6938	96906	MS20426AD3-4	RIVET,SOLID .....	EA	8
17	10	PAFZZ	5310-00-680-4985	80205	NAS031A06	HUT,SELF-LOCKING .....	EA	4
17	11	XBFFF		97403	13214E365s	DAMPER .....	EA	1
17	12	XBOZZ		97403	13214E3413-2	PANEL .....	EA	1
17	13	XBFZZ		97403	13214E3631	CHANEL .....	EA	1
17	14	PAFZZ	5320-00-82-8388	07707	A043H	RIVET,LIND .....	EA	4
17	15	XUFZZ		97403	13214E3614-1	BLADE,DAMPER .....	EA	1
17	16	PAFZZ	5310-00-90-1310	96906	S27183-	WASHER,FLAT.....	EA	8
17	17	XBFZZ	5340-00-302-1415	97403	132LA1191	HINGE,BUTT .....	EA	7
17	18	MFFFF		81346	ASTM-D-1056 SBE-42-CF2.125 STK	SEALINGSTRIP9 MFR FROM ASTM-D-1056,1/8 IN. X 5/16IN. X.125 .....	SH	V
17	19	NFFFF		81346	42-CF2.125 STK	STK AR LG .....	EA	1
17	19	PAFZZ	4130-00-105-657	97403	13211E8322	CHAIN ASSEMBLY,AIR .....	EA	
17	20	PAFZZ	3360-00-105-432	96906	MS245864-C48	SPRING,HELICAL,EXTENSION .....	EA	
17	21	MFFFF		81346	ASTM-D-1056SB E-42-CF2.06 STK	SEALING STRIP MFR FROM ASTM-D-1056, 1/16 IN. AR LG	SV	
17	22	XBFFF		81346	42-CF2.06STK	BRACKET .....	EA	1
17	23	PAFZZ	320-0-117-638	97403	1314E3632	RIVETSOLID .....	EA	2
17	24	PAFZZ	5310-00-623-5991	96906	S2046AD3-4	NUTSEL-LOCKING .....	EA	1
						GROUP 07 BULK MATERIAL		
BULK		PAFZZ	4710-00-203-3173	81346	ASTM-B280	TUBE,COPPER .375 OD STOCK .....	FT	
BULK		PAFZZ	4710-00-203-3173	81346	ASTM-B280	TUBE,COPPER .500 OD STOCK .....	FT	
BULK		PAFZZ	4710-00-203-3173	81346	ASTM-B280	TUBE,METALLIC .750 OD STOCK .....	FT	
BULK		PAOZZ	9320-00-815-2798	81349	MIL-R-6130	RUBBER STRIP 1/16 IN. STOCK .....	SH	
BULK		PAOZZ	9320-01-048-2935	81349	MIL-R-6130GRA DEA	RUBBER STRIP 1/8 IN. STOCK .....	SH	
BULK		PAOZZ	9320-01-048-4563	81205	BMS1-15CLASS SOFT	RUBBER SHEET, CELLUL 1/4 IN. STOCK .....	SH	
BULK		PAOZZ	5640-01-031-1261	97403	13214E814	INSULATION .0331 OD STOCK .....	SH	
BULK		PAOZZ		81349	MIL-I-4511.250	INSULATION .25 IN. THICK .....	SH	

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		QTY U/M	INC IN UNIT
BULK		PADZZ	5400-00-785-18784	81341	MIL-1-14511 .500	INSULATION .500 IN. THICK .....		
BULK		PAOZZ	5970-00-812-269	81349	MIL-I-23053/S CL ASS 1 MIL-I-23053/5 FORM T.50IDX.50	INSULATION SLEEVING.....	SH FT	
BULK		PAOZZ	4020-00-733-655	81349	WALL	PLASTIC MATERIAL .....		
BULK		PAOZZ	6145 00-003-952	84785	B367-2	TAP,LACING .....	EA	
BULK		PAOZZ	6145-00-578-7521	81349	M5086/1-10-9	WIRE,ELECTRICAL .....	SL	
BULK		PAOZZ	6145-00-578-7516	81349	M5086/1-12-9	WIRE,ELECTRICAL .....	FT	
BULK		PAOZZ	6145-00-578-7517	81349	M5086/1-14-9	WUIREEELECTRICAL .....	FT	
BULK		PAFZZ	4710-00-203-3171	81348	M5086/1-16-9	WIREELECTRICAL .....	FT	
					WWT775	TUBE, COPPER .25.0 IN STOCK .....	FT	













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## The Metric System and Equivalents

### *Linear Measure*

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

### *Weights*

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

### *Liquid Measure*

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

### *Square Measure*

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

### *Cubic Measure*

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

## Approximate Conversion Factors

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

## Temperature (Exact)

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