

**TM 5-4120-352-24P**

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**TECHNICAL MANUAL**

**ORGANIZATIONAL DIRECT SUPPORT  
AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST**

**AIR CONDITIONER, HORIZONTAL,  
COMPACT, 9000 BTU  
AMERICAN AIR FILTER CO., MODEL CH609-3)  
NSN 4120-00-411-5444**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**24 APRIL 1978**

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

**AIR CONDITIONER, HORIZONTAL, COMPACT,  
9000 BTU (AMERICAN AIR FILTER CO. , MODEL CH609-3)  
NSN 4120-00-411-5444**

Current as of 9 January 1978

**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 procedure, 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 the manual directly to: Commander, US Army Troop Support and Aviation Materiel Readiness Command, ATTN: DRSTS-MTPS, 4300 Goodfellow Blvd., St. Louis, MO 63120. A reply will be furnished 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 support, general support and depot maintenance of the Air Conditioner.

2. General

a. *Section II - Repair Parts List.* A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of assembly 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 II.

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

c. *Section IV - National Stock Number and Part Number Index.* A list, in ascending numerical sequence, of all National Stock Numbers appearing in the listings, followed by a list, in 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 each 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 essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated or organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.

<i>Code</i>	<i>Definition</i>
<i>XD</i>	A support item that is not stocked. When required, item will be procured through normal supply channels.

**NOTE**

Cannibalization or salvage by be used as a source of supply for any item source coded above except those coded CA 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.

<i>Code</i>	<i>Application/Explanation</i>
<i>C</i>	Crew or operator maintenance performed within organizational maintenance.
<i>O</i>	Support item is removed, replaced, used at the organizational level.
<i>I</i>	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.
<i>F</i>	Support item is removed, replaced, used at the direct support level.
<i>H</i>	Support item is removed, replaced, used at the general support level.
<i>D</i>	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:

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

<i>D</i>	The lowest maintenance level capable of complete repair of the support item is the depot level.
<i>L</i>	Repair restricted to designated specialized repair activity.
<i>Z</i>	Nonrepairable. No repair is authorized.
<i>B</i>	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:

<i>Recoverability Codes</i>	<i>Definition</i>
	Nonrepairable Item. When unserviceable, condemn and dispose at the level indicated in Position 3.
<i>O</i>	Reparable item. When uneconomically repairable, condemn and dispose at organizational level.
<i>F</i>	Reparable item, When uneconomically repairable, condemn and dispose at the direct support level.
<i>H</i>	Reparable item. When uneconomically repairable, condemn and dispose at the general support level.
<i>D</i>	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
<i>L</i>	Reparable item. Repair, condemnation, and disposal not authorized below depot/ specialized repair activity level.
<i>A</i>	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 numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

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

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

**g. Unit of Measure (U/M).** Indicates the standard of the basic quantity of the listed 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.* Repair parts 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.

*b.* The following publications pertain to Air Conditioner and its components.

TM 5-4120-352-14 Operational & Organizational, Direct Support 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 assembly group within which the repair part belongs. This is necessary since illustrations are prepared for assembly groups, and listings are divided into the same groups.

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

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

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

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

**(1) First.** Using the Index of National Stock Numbers and Part Numbers, find the pertinent National Stock Number 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.

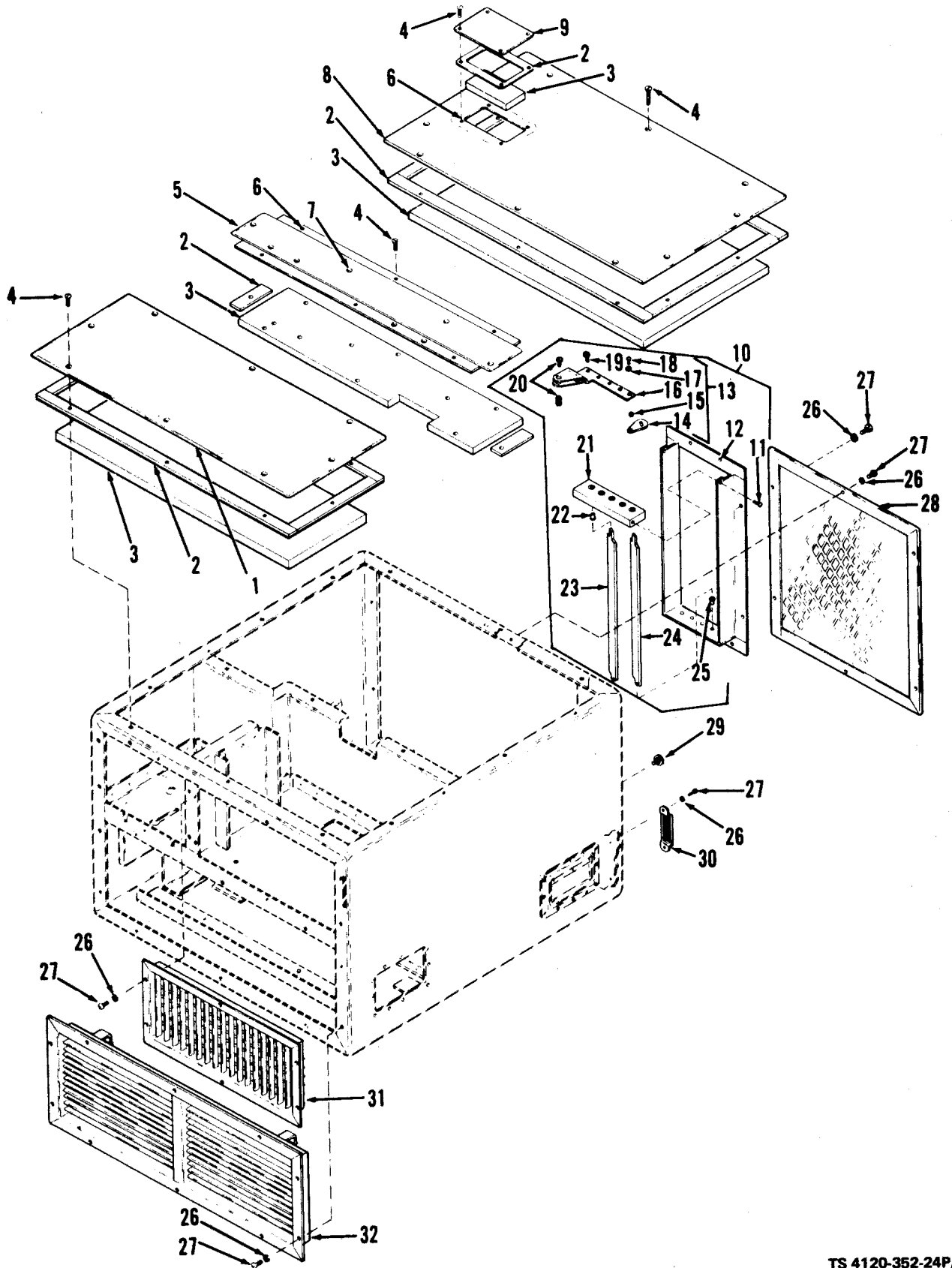


Figure 1. Frames and Casing - Covers, Louvers and Guards

SECTION II REPAIR PARTS LIST  
ILLUSTRATION

FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 01 FRAME & CASTING		1	1
1	1	XBOZZ		13216E5881	97403	COVER, FRONT, INCLUDES:			
1	2	XBOZZ	5330-00-331-2557	13216E5881-6	97403	RUBBER, CELLULAR, CHEMICALLY BLOWN, SOFT, .06 STK, TYPE II, GRADE A, MIL-R-6130		IN	V
1	3	PBOZZ		AMS3570	81343	POLYURETHANE FOAM, FLEXIBLE, OPEN CELL, MED FLEXIBILITY, 2.5 LB PER CU FT, .25 STOCK		IN	V
1	4	PAOZZ	5305-00-958-6373	MS24693S51	96906	SCREW, MACH, FLAT CSK HD, 100@, CROSS REC, CS. CAD PL, NO. 8-32UNC2A X 5/8 LG		EA	25
1	5	XBOZZ		13216E5880	97403	COVER, CENTER, INCLUDES:		EA	1
1	6	PAOZZ		MS27130-S14K	96906	NUT, BLIND RIVET, FL HD, OPEN END, KEYED, CAD PL, NO. 8-32UNC2B		EA	10
1	7	PAOZZ		13216E3791-3	97403	RIVET, BLIND		EA	11
1	8	XBOZZ		13216E5882	97403	COVER, REAR		EA	1
1	9	XBOZZ		13220E5603	97403	COVER, ACCESS		EA	1
1	10	XBOZZ		13216E5889	97403	LOUVER ASSEMBLY, CONSISTING OF:		EA	1
1	11	PAOZZ	5305-00-957-7817	MS24693-S26	96906	SCREW, MACHINE, FLAT CSK HD, 100@, CROSS REC, CS, CAD PL, NO. 6-32UNC2A X 3/8 LG		EA	4
1	12	XBOZZ		13216E5890	97403	FRAME, LOUVER		EA	1
1	13	XBOZZ		13216E5893	97403	CONNECTING LINK AND ARM CONSISTING OF :		EA	1
1	14	XBOZZ		13216E6113-1	97403	ARM, LOUVER BLADE		EA	5
1	15	XBOZZ		13216E6112	97403	SPACER, SLEEVE		EA	5
1	16	XBOZZ		13216E5894	97403	CONNECTING LINK			
1	17	PAOZZ	5310-00-982-6580	MS27183-1	96906	WASHER, FLAT-ROUND, STEEL CAD PL, 5/64 NOM DIA		EA	5
1	18	PAOZZ		13214E3789-5	97403	RIVET, SEMITUBULAR, OVAL HD, STL, 1/16 DIA		EA	5
1	19	PAOZZ	5310-00-855-1205	13216E6106-1	97403	NUT, PUSH-ON		EA	5
1	20	XBOZZ	2590-00-923-8544	13216E6107	97403	POST, MECHANICAL		EA	1
1	21	XBOZZ		13216E5892	97403	PLATE, BEARING		EA	1
1	22	XBOZZ	4130-01-028-6817	13216E6103-1	97403	BEARING, LOUVER PLATE		EA	1
1	23	XBOZZ		13216E5891-1	97403	BLADE, LOUVER		EA	4
1	24	XBOZZ		13216E5891-2	97403	BLADE, LOUVER		EA	1
1	25	PBOZZ	4130-01-028-6816	13216E6103-2	97403	BEARING, LOUVER BLADE		EA	5
1	26	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING HEL, CS, CAD PL, NO. 8		EA	22



ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
1	27	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW,MACH-PAN HD,CROSS REC,CS, CAD PL,NO.8-32UNC2A X 5/8 LG	EA	22
1	28	XBOZZ		13216E5883	97403	GUARD,CONDENSER	EA	1
1	29	PAOZZ	5325-00-248-6694	MS27980-1N	96906	STUD,MACH SCREW BASE,SNAP,STYLE 2,BRASS,NICKEL PL,SIZE 1, NO. 8-32UNC2A	EA	4
1	30	XBOZZ		13216E5884	97403	GUARD,VENTILATION	EA	1
1	31	XBOZZ		13216E5878	97403	LOUVER,METAL	EA	1
1	32	XBOZZ		13216E6080-2	97403	LOUVER WITH FILTER CLIPS	EA	1

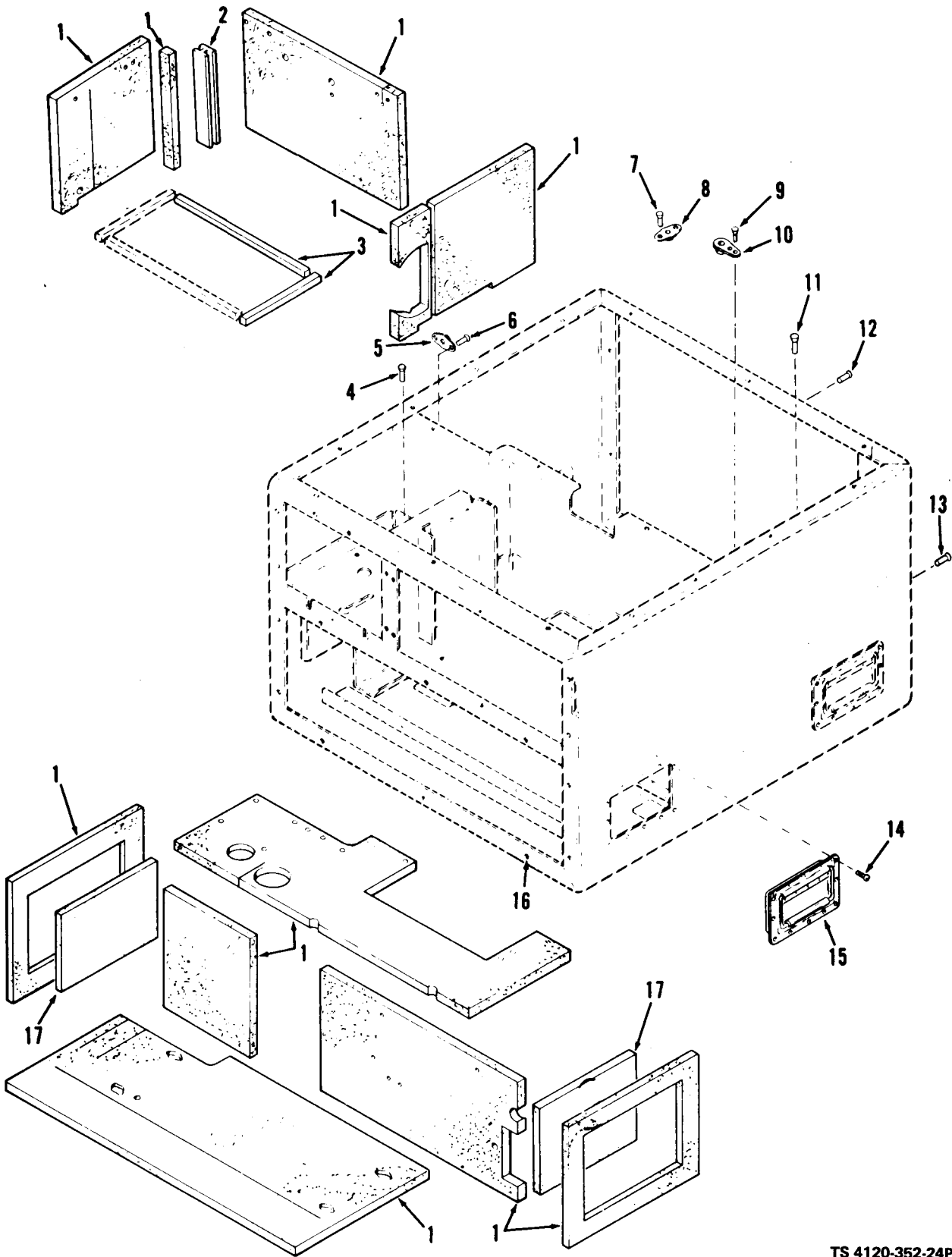
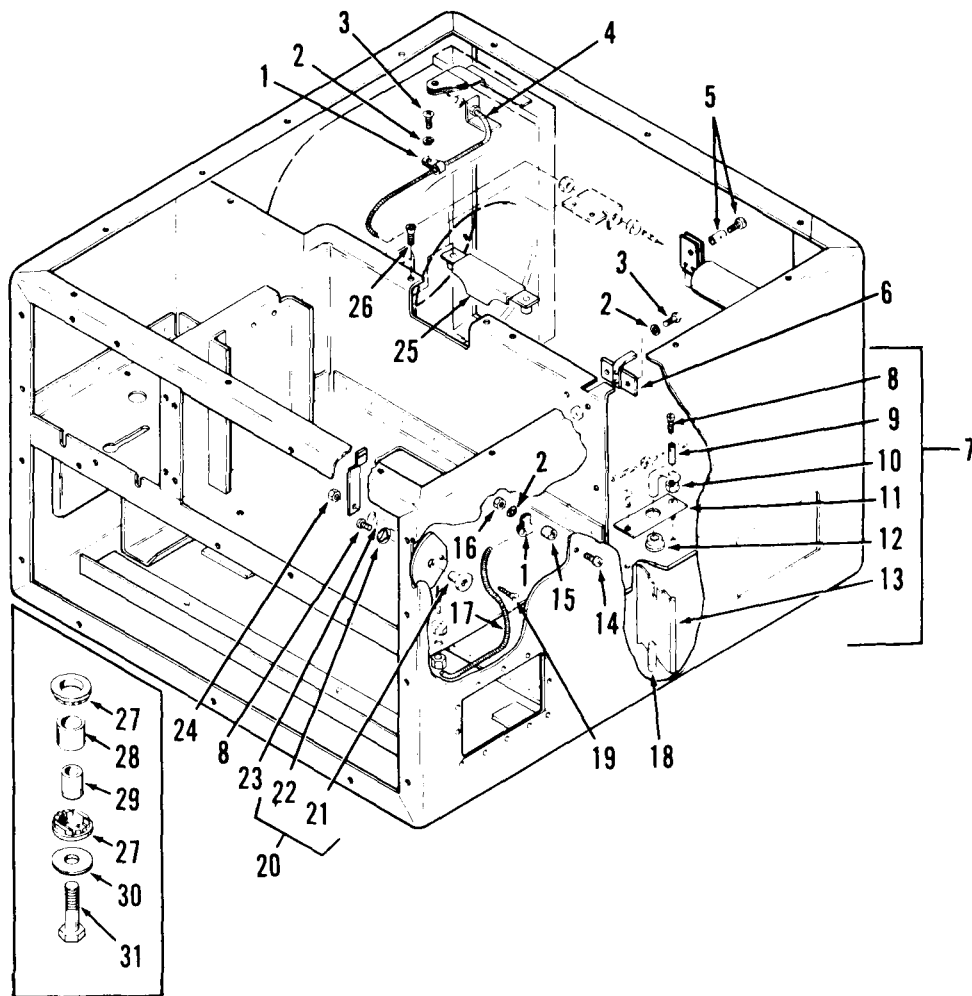


Figure 2. Frame and Casing - Housing Assembly

TS 4120-352-24P/2

ILLUSTRATION		NATIONAL STOCK NUMBER		PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO	SMR CODE					USABLE ON CODE	
2		XBFZZ		13220E5620	97403	HOUSING	EA	1
2	1	PBOZZ		13220E5620-46	97403	PLASTIC FOAM, UNICELLULAR, SHEET FORM, ELASTOMERIC, INSULATION, .500 THICK, MIL-P-15280	IN	V
2	2	PAOZZ		13216E6122-1	97403	SEAL, H-CHANNEL	IN	V
2	3	XBOZZ		13216E5620-26	97403	RUBBER, CELLULAR, CHEMICALLY BLOWN, CLOSED CELL, OIL AND FLAME RES.-MED, MIL-R-6130	IN	V
2	4	PAOZZ	5310-00-865-9818	NAS1330S04K106	80205	NUT, BLIND RIVET, CSK HD, INT THD, KEYED OPEN END, CS, CAD PL, NO. 4-40UNC3B X .106 GRIP	EA	24
2	5	PAOZZ	5310-00-728-5519	MS21078-4	96906	NUT, SELF-LKG, PLATE, TWO LUG, NONMETALLIC INSERT, PLAIN HOLES STL, CAD PL, .125 KSI FTU, 250°F, 1/4-28UNF3R	EA	1
2	6	PAOZZ		MS20470AD3	96906	RIVET, SOLID, CSK, 100°, PRECISION HD, DIMPLED, AL ALY 2117, 3/32 X AR LG	EA	2
2	7	PAOZZ		13214E3791-3	97403	RIVET, BLIND, FLUSH, CLOSED END 1/8 DIA X AR LG	EA	8
2	8	PAOZZ		MS21078-6	96906	NUT, SELF-LKG, PLATE, TWO LUG, NON-METALLIC INSERT, PLAIN HOLES STL, CAD PL, 125 KSI FTU, 250°F, 3/8-24UNF3B	EA	4
2	9	PAOZZ		13214E3791-4	97403	RIVET, BLIND, CSK, CLOSED END, 1/8 DIA X 3/8 LG	EA	8
2	10	PAOZZ		13214E4539-4	97403	NUT, SELF-LKG, PLATE, ONE LUG, STL, CAD PL, 1/4-28	EA	16
2	11	PAOZZ		NAS1330S08K161	80205	NUT, BLIND RIVET, CSK HD, INT THD, KEYED, OPEN END, CS, CAD PL, NO. 8-32UNC3BX .151 GRIP	EA	16
2	12	PAOZZ	5310-00-616-2589	NAS1330S08K106	80205	NUT, BLIND RIVET, CSK HD, INT THD, KEYED, OPEN END, CS, CAD PL, NO. 8-32UNC3B X .106 GRIP	EA	23
2	13	PAOZZ		NAS1330S06K106	80205	NUT, BLIND RIVET, CSKK HD, INT THD, KEYED, OPEN END, CS, CAD PL, NO. 6-32UNC3BX .106 GRIP	EA	2
2	14	PAOZZ		13214E3789-2	97403	RIVET, BLIND, DOMED HD, CLOSED END, 1/8 NOM DIA	EA	48
2	15	PAOZZ		13216E6098	97403	HANDLE	EA	4
2	16	PAOZZ		MS27130-S14K	96906	NUT, BLIND RIVET, FLAT HD, OPEN END, KEYED, STL, CAD PL, NO. 8-32UNC3B	EA	51
2	17	PBOZZ		AMS3570	81343	FLEXIBLE POLYURETHANE, FOAM, OPEN CELL, MED FLEXIBILITY: 2-1/2 LB CU FT, .375 THK	IN	V

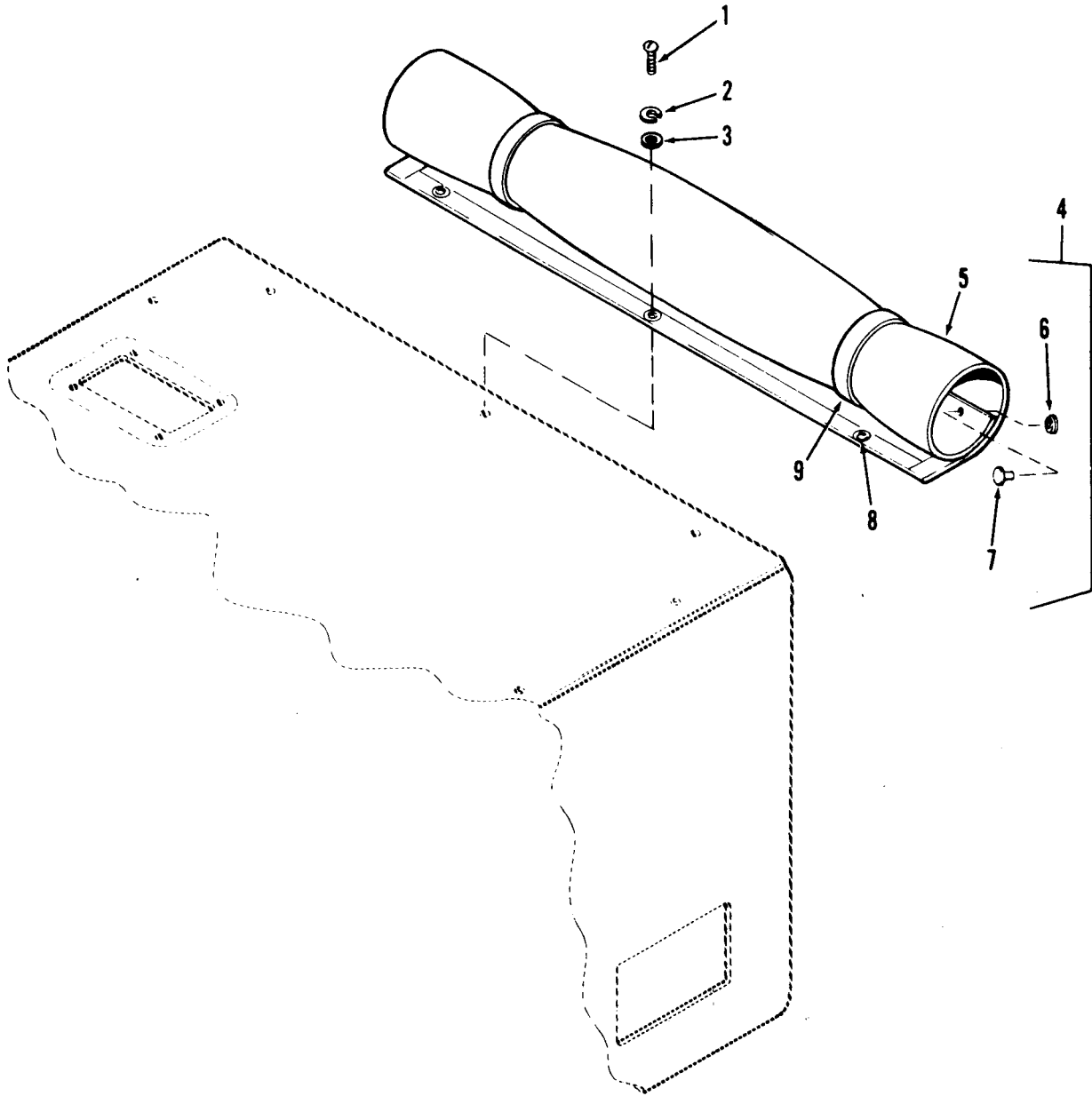


TS 4120-352-24P/3

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG. NO.	ITEM NO.							
3	1	PAOZZ	5340-00-726-9819	MS21919DG3	96906	CLAMP, CUSHIONED, SUPPORT, LOOP-TYPE, AIRCRAFT, AL ALY, NON-FUEL RES, 3/16 NOM TUBE OD	EA	2
3	2	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING, HELICAL, REG SER, CS, CAD PL, NO. 8 NOM SIZE	EA	6
3	3	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 8-32UNC2A x 5/8 LG	EA	5
3	4	PAOZZ	4130-00-448-3227	13216 E6108-3	97403	CONTROL ASSEMBLY, PUSH-PULL, 20.66 LG	EA	1
3	5	XBOZZ	5340-00-923-8544	13216 E6107	97403	POST, MECHANICAL	EA	1
3	6	XBOZZ		13216 E5922	97403	PLATE, LOCKING	EA	1

Figure 3. Frame and Casing - Push-Pull Controls

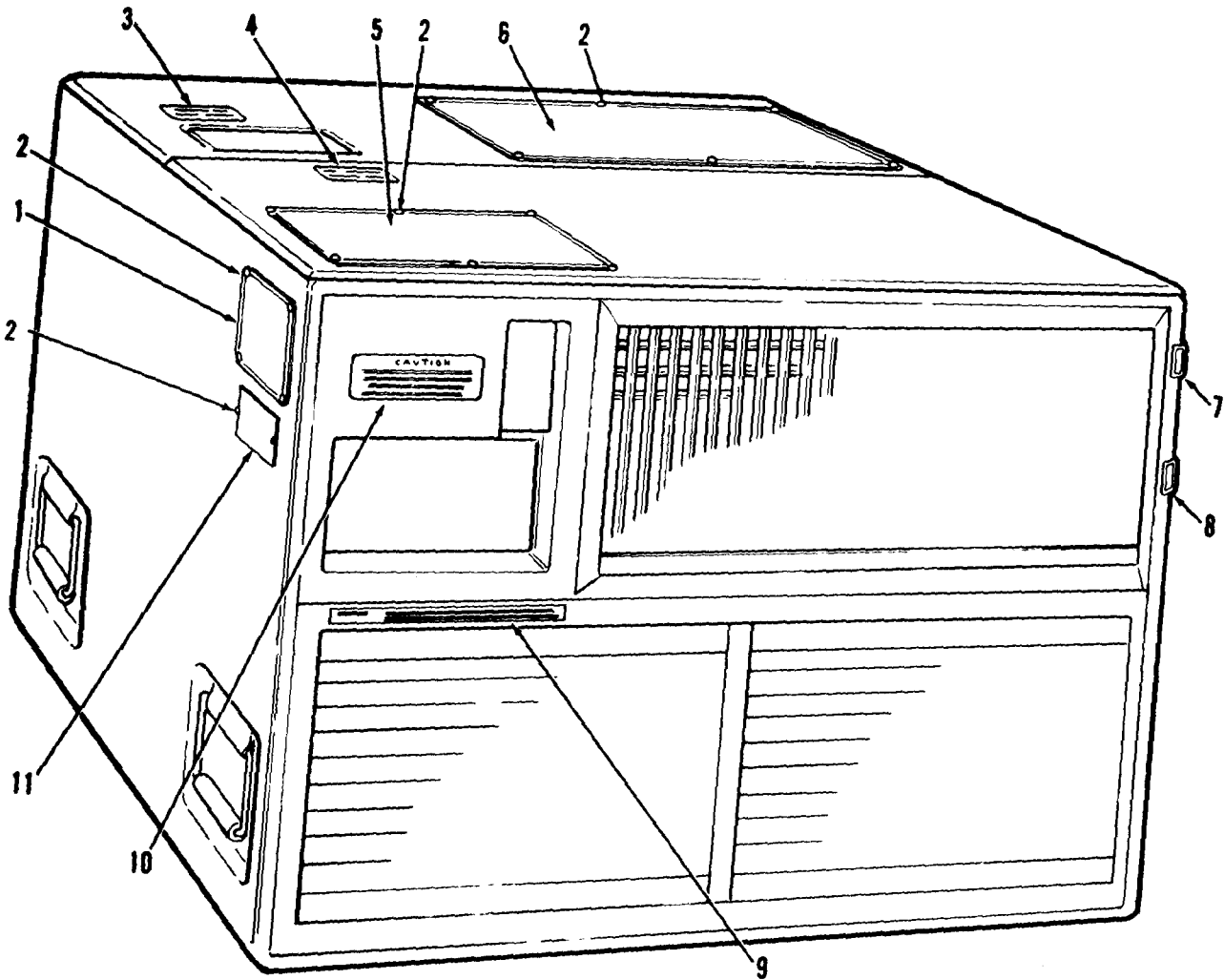
ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
3	7	XBOZZ		13216E5886	97403	DAMPER ASSEMBLY, VENTILATION CONSISTING OF:	EA	1
3	8	PAOZZ	5305-00-984-6191	MS35206-243	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 8-32UNC2A X 3/8 LG	EA	2
3	9	XBOZZ		13216E6093-2	97403	POST, MECHANICAL	EA	1
3	10	PAOZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF LKG, HEX, REG HGT, 250°F, STL, CAD PL, NO. 6-32UNC3B	EA	1
3	11	XBOZZ		13216E5888	97403	COVER, VENTILATION	EA	1
3	12	PBOZZ		13216E6096	97403	BEARING, SLEEVE	EA	1
3	13	XBOZZ		13216E5887	97403	DAMPER, VENTILATION	EA	1
3	14	PAOZZ	5305-00-965-5882	MS24693S52	96906	SCREW, MACH, FLAT CSK HD, 100°, CROSS REC, CS, CAD PL, NO. 8-3UNC2A X 3/4 LG	EA	1
3	15	XBOZZ		13216E6159-3	97403	POST, SPACER, .41 LG	EA	1
3	16	PAOZZ	5310-00-934-9757	MS35649-282	96906	NUT, PLAIN, HEX, MACH SCREW, CS, CAD PL, NO. 8-32UNC2B	EA	1
3	17	PAOZZ		13216E6108-4	97403	CONTROL ASSEMBLY, PUSH-PULL, 20.66 LG	EA	1
3	18	PAOZZ		13216E6096	97403	BEARING, SLEEVE	EA	1
3	19	PAOZZ	5305-00-965-5879	MS24693S275	96906	SCREW, MACH, FLAT CSK HD, 100°, CROSS REC, CS CAD PLN, NO. 10-32UNF2A X 7/8 LG	EA	1
3	20	XBOZZ		13216E6092-2	97403	ACTUATOR, VENTILATOR DAMPER (.75) INCLUDES:	EA	1
3	21	PAOZZ	5310-00-917-8592	MS27130-S14	96906	RIVNUT, NO 8-32	EA	1
3	22	XBOZZ		13218E7512	97403	RETAINING RING	EA	1
3	23	XBOZZ	5310-00-068-0054	MS75044-1	96906	SPRING, BELLEVILLE, CREWS. NICKEL PL, .204 HOLE DIA X .098 THK	EA	1
3	24	PAOZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LKG, HEX, REG HGT, 250°F STL, CAD PL, NO. 10-32UNF3B	EA	1
3	25	XBOZZ		13216E5919	97403	PLATE, LOCKING	EA	1
3	26	PAOZZ	5305-00-958-6373	MS24693S51	96906	SCREW, MACH, FLAT CSK HD, 100°, CROSS REC, CS, CAD PL, NO. 8-32UNC2A-X 5/8 LG	EA	2
3	27	PAOZZ	5340-01-042-5759	13216E6137	97403	MOUNT, RESILIENT	EA	8
3	28	PAOZZ		13216E6153	974023	TUBE, ELEASSTOMERIC	EA	4
3	29	PAOZZ		13216E6152	97403	SPACER	EA	4
3	30	PAOZZ	5310-00-566-9504	13216E6138-2	97403	WASHER, C. 38 MIN ID	EA	4
3	31	PAOZZ	5305-00-269-2807	MS90726-64	96906	SCREW, CAP, HEX HD, MED CS, CAD PL 3/8-24UNF2A X 1-1/2 LG	EA	4



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Figure 4. Frame and Casing-Canvas Cover

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
4	1	PAOZZ	5305-00-984-6195	MS35206-247	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 8-32UNC2A X 3/4 LG	EA	3
4	2	PAOZZ	5310-00-045-3299	MS35338-41	96906	WASHER, LOCK-SPRING, HELICAL, CAD PL, NO. 8	EA	3
4	3	PAOZZ	5310-00-821-2366	13214E3469	97403	WASHER, FLAT	EA	3
4	4	PBOZZ		13216E5885	97403	COVER, FABRIC, MANUFACTURE FROM	EA	1
4	5	PAOZZ	5345-00-286-7034	13216E5885-1	97403	COVER, CANVAS	EA	1
4	6	PAOZZ	5325-00-276-4946	MS27980-6N	96906	FASTENER, SNAP, STYLE 2, SOCKET	EA	4
4	7	PAOZZ	5325-00-276-4953	MS27980-1N	96906	FASTENER, SNAP, STYLE 2, BUTTON	EA	4
4	8	PAOZZ	5325-00-231-6589	13216E5885-5	97403	GROMMET, METALLIC, BRASS, PLAIN WITH WASHER, SIZE 0, MIL-G-16491	EA	3
4	9	PAOZZ		13216E5885-4	97403	TIE STRAP, WEBBING, NYLON, IMPREGNATED, 12 IN LG, MIL-W-27265	EA	2

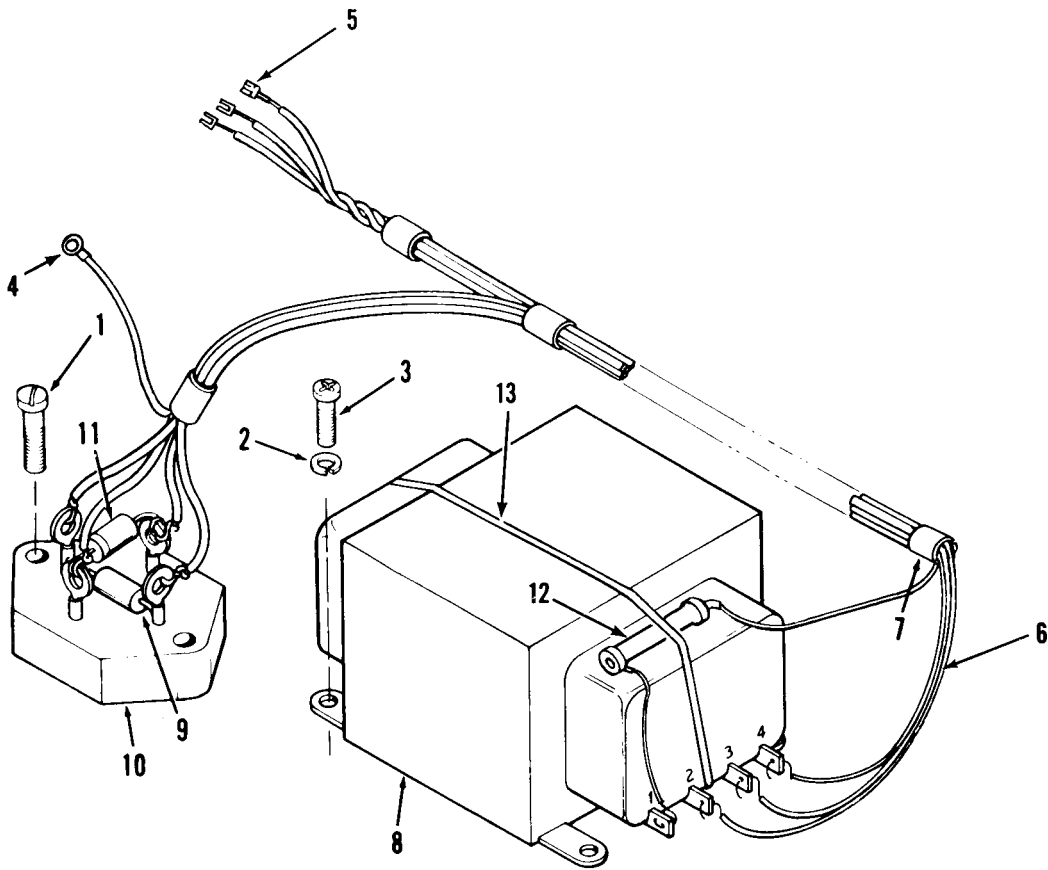


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Figure 5. Frame and Casing-Data Plates



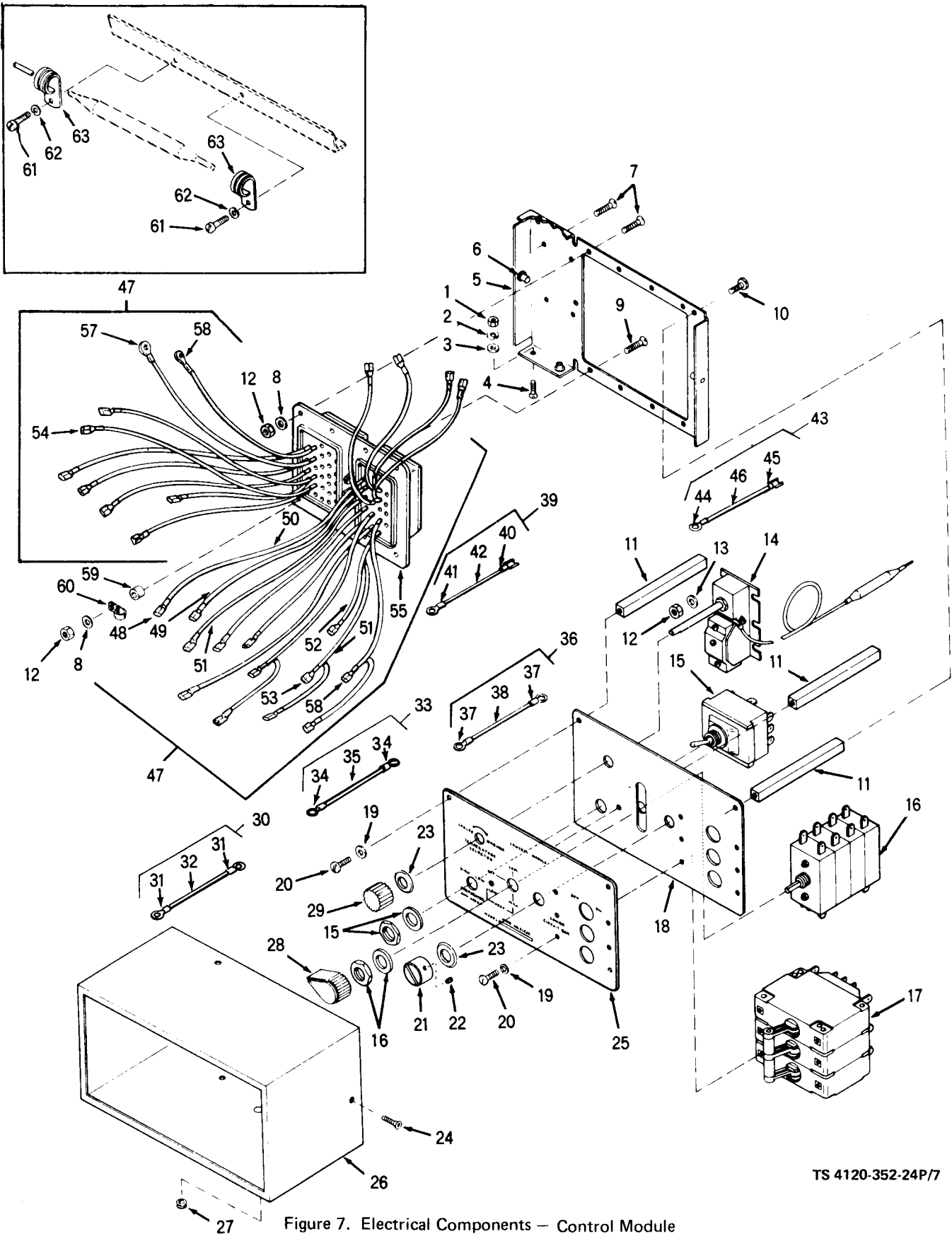
ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
5	1	XBOZZ		MIL-P-514	81349	PLATE, IDENTIFICATION	EA	1
5	2	PXOZZ	5320-00-932-1972	13214E3789	97403	RIVET, BLIND, 1/8 DIA	EA	18
5	3	XBOZZ		13218E6958	97403	PLATE, INSTRUCTION, LP CHARGING VALVE	EA	1
5	4	XBOZZ		13218E6957	97403	PLATE, INSTRUCTION, HP CHARGING VALVE	EA	1
5	5	XBOZZ		13218E7517	97403	PLATE, FLUID DIAGRAM, REFRIGERATION	EA	1
5	6	XBOZZ		13218E7531	97403	PLATE, WIRING DIAGRAM, ELECTRICAL	EA	1
5	7	XBOZZ	9905-00-183-6662	13216E6089	97403	PLATE, INSTRUCTION, VENTILATION	EA	1
5	8	XBOZZ	9905-00-183-6664	13216E6090	97403	PLATE, INSTRUCTION, VENTILATION	EA	1
5	9	XBOZZ		13220E6839	97403	PLATE, INSTRUCTION, LOW TEMPERATURE STARTING	EA	1
5	10	XBOZZ		13218E6959	97403	PLATE, INSTRUCTION, CAUTION GROUND	EA	1
5	11	XBOZZ		13218E7548	97403	PLATE, DANGER	EA	1



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Figure 6. Electrical Components - Transformer and Rectifier Assembly

ILLUSTRATION			NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO	SMR CODE						
GROUP 02 ELECTRICAL COMPONENTS								
6	1	PAOZZ	5305-00-984-4977	MS35206-220	96906	SCREW,MACH-PAN HD,CROSS-REC,CS, CAD PL,NO. 4-40 X 7/8 LG	EA	2
6	2	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER,LOCK-SPRING,HELICAL,REG SER,CS,CAD PL,NO. 8	EA	4
6	3	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW,MACH-PAN HD,CROSS REC,CS, CAD PL, NO. 8-32UNC2A X 5/8 LG	EA	4
6		MFOZZ		13220E5283	97403	WIRING HARNESS	EA	1
6	4	PAOZZ	5940-00-557-1629	MS25036-149	96906	TERMINAL LUG,CRIMP STYLE,COP, INS,CL 1,22-18 AWG,NO.8 STUD SIZE,RED	EA	1
6	5	PAOZZ	5940-00-948-9686	13216E6191-1	97403	TERMINAL LUG,NO. 22-18AWG	EA	3
6	6	PAOZZ	6145-00-851-8505	M5086-2-20-9	81349	WIRE,ELEC,600 V,COP,105@C, NO. 20 AWG	IN	V
6	7	XBOZZ		MS3367-1-9	96906	STRAP,CABLE,ADJ,SELF-CLINCH-ING	EA	V
6	8	PAOZZ	5940-00-191-3215	13216E6214	97403	TRANSFORMER,POWER,STEP DOWN	EA	1
6	9	PAOZZ	5910-00-099-0541	M39014/05-2461	81349	CAPACITOR,CERMAIC,FIXED, 10,000 ±10PF	EA	1
6	10	PAOZZ	5961-00-689-3166	13216E6223	97403	RECTIFIER,SEMICONDUCTOR DEVICE	EA	1
6	11	PAOZZ	5910-01-034-9282	13218E6961	97403	CAPACITOR,FIXED,MYLAR FILM, .056MF ±10%,400 VDC	EA	1
6	12	PAOZZ	5905-01-040-7881	13220E6838	97403	RESISTOR,WIREWOUND,10 OHM, 15 WATT	EA	1
6	13	XBOZZ	5975-00-133-8696	MS3367-6-9	96906	STRAP,TIEDOWN,SELF-CLINCHING, TYPE I,CLASS I, 8 MAX,NYLON CLR,NAT	EA	1



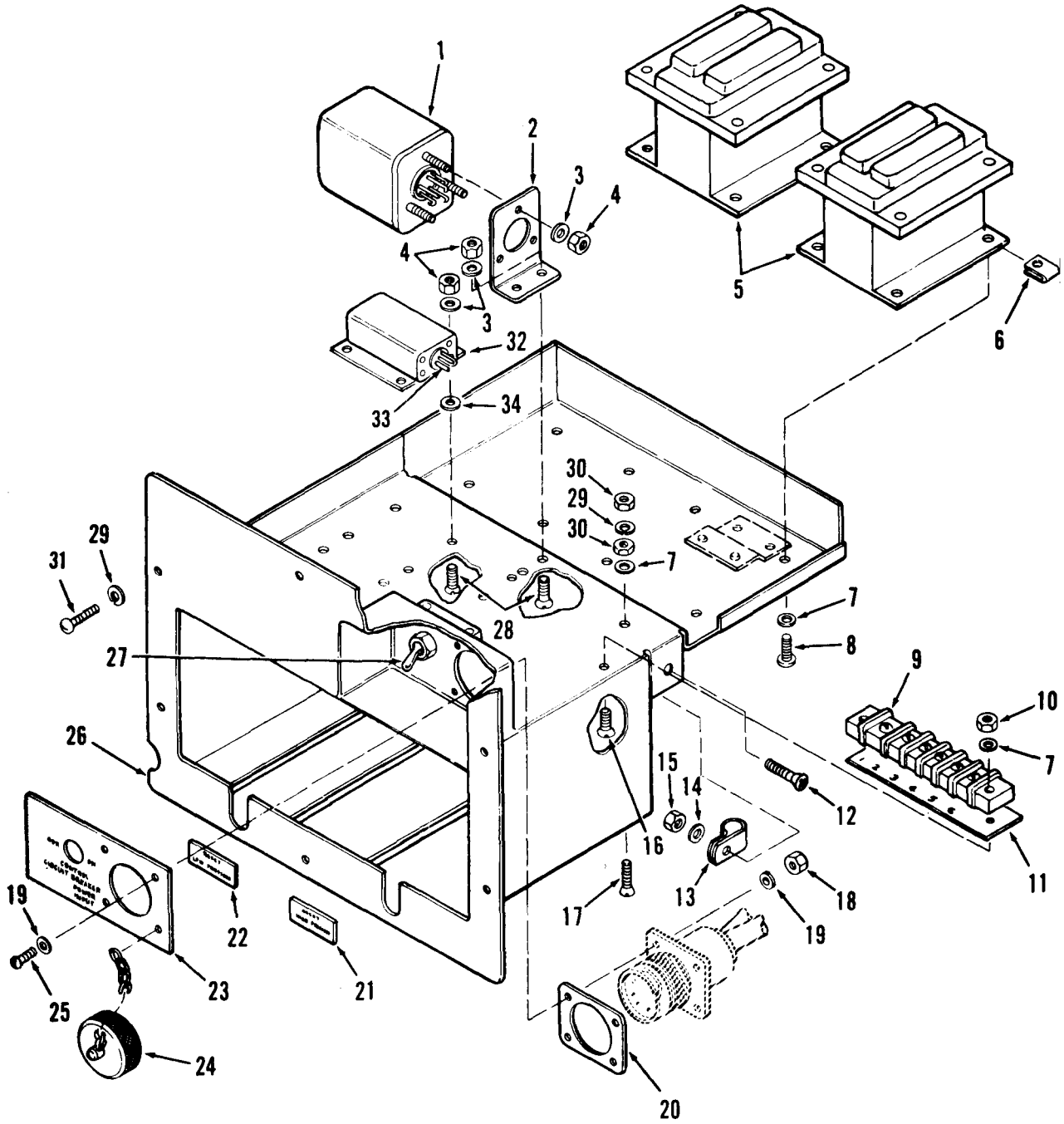
TS 4120-352-24P/7

Figure 7. Electrical Components – Control Module

ILLUSTRATION		SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO	CODE	NUMBER				USABLE ON CODE	
7		PBOFZ	4130-01-048-5563	13218E7529	97403	ELECTRICAL COMPONENTS,CONTROL MODULE, CONSISTING OF:	EA	1
7	1	PAOZZ	5310-00-934-9757	MS35649-282	96906	NUT,PLAIN,HEX,MACH,CS,CAD PL,NO. 8-32UNC2B	EA	1
7	2	PAOZZ	5310-00-559-0070	MS35338-38	96906	WASHER,LOCK,HELICAL,CS,CAD PL,NO.8	EA	1
7	3	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER,FLA,CS,CAD PL, .188 ID X .375 OD X .049 THK	EA	2
7	4	PAOZZ	5305-00-063-3503	MS24693S50	96906	SCREW,MACH,FLAT,CSK HD,100@ CROSS REC,CS,CAD PL, NO. 8-32UNC2A X 1/2 LG	EA	1
7	5	XBFZZ		13216E6198	97403	FRAME,MOUNTING,CONTROL MODULE, INCLUDES:	EA	1
7	6	PAOZZ		NAS1330S04K81	96906	NUT,BLIND RIVET,CSK HD, OPEN END,KEYED,NO. NO. 4-40UNC2B	EA	4
7	7	PAOZZ	5305-00-837-3343	MS24693S28	96906	SCREW,MACH,FLAT CSK HD, 100°, CROSS REC,CS,CAD PL, NO. 6-32UNC2A X 7/16 LG	EA	11
7	8	PAOZZ	5310-00-983-8483	MS27183-5	96906	WASHER,FL-RD,CS,CAD PL, .156ID X .312 OD X .035 THK	EA	8
7	9	PAOZZ	5305-00-957-7820	MS24693S31	96906	SCREW,MACH,FLAT CSK HD,100@, CROSS REC,CS,CAD PL, NO. 6-32UNC2A X 7/8 LG	EA	1
7	10	PAOZZ	5305-00-460-4589	MS21093-0619	96906	SCREW,SELF LKG,250@F,CS,CAD PL,100@,FLAT HD,CROSS REC, NO. 6-32UNC2A X .312 LG	EA	3
7	11	XBOZZ		13216E6199-1	97403	POST,3.500 LG	EA	3
7	12	PAOZZ	5310-00-081-8087	MS21044N06	96906	NUT,SELF-LKG,HEX,REG HGT, 250@F,STL,CAD PL, NO. 6-32UNC3B	EA	12
7	13	PAOZZ	5310-00-983-8483	MS27183-5	96906	WASHER FLAT-RD,CS,CAD PL, .156ID X .312 OD X .035 THK	EA	4
7	14	PAOZZ	5930-00-482-5774	13216E6203-1	97403	SWITCH,TEMPERATURE CONTROL, 4.12 DIM A	EA	1
7	15	PAOZZ	5930-00-482-2385	13216E6200	97403	SWITCH,TOGGLE	EA	1
7	16	PAOZZ	5930-00-236-2351	13216E6201	97403	SWITCH,ROTARY	EA	1
7	17	PAOZZ	5925-00-236-2349	13216E6205-7	97403	CIRCUIT BREAKER	EA	1
7	18	XBOZZ		13216E6196-2	97403	PLATE,MOUNTING,CONTROL MODULE	EA	1
7	19	PAOZZ	5310-00-983-8483	MS27183-5	96906	WASHER,FLAT-RD,CAD PL, .156 ID X .312 OD X .035 THK	EA	6
7	20	PAOZZ	5305-00-865-3895	MS21090-0621	96906	SCREW,SELF LKG, 250@F,CS,CAD PL,PAN HD,CROSS REC, NO. 6-32UNC2A X .312 LG	EA	6

ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
7	21	PBOZZ	5355-00-470-1698	13216E6207	97403	KNOB,CONNECTOR	EA	1
7	22	PAOZZ	5305-00-851-2287	MS51023-18	96906	SETSCREW,HEX SOC,CUP PT,CRES, PASS,NO. 4-48UNF2A X 1/8 LG	EA	1
7	23	PBOZZ	5325-00-185-0012	MS35489-35	96906	GROMMET,RUBBER,HOT OIL AND COOLANT RES,1/8 GROOVE W X 7/16 GROOVE DIA X 1/4 HOLE DIA	EA	2
7	24	PAOZZ	5305-00-959-4743	MS24693S5	96906	SCREW,MACH,FLAT CSK HD,100°, CROSS REC,CS,CAD PL, NO. 4-40UNC2A X 7/16 LG	EA	4
7	25	XBOZZ		13216E6197-2	97403	PLATE,DESIGNATION,CONTROL MODULE	EA	1
7	26	XBOZZ		13216E6202	97403	COVER,CONTROL MODULE	EA	1
7	27	PAOZZ	5325-00-286-6047	MS35489-15	96906	GROMMET,RUBBER,SPLIT,GENERAL PURPOSE	EA	1
7	38	PBOZZ	5355-00-556-0145	MS91528-1K2B	96906	KNOB-CONTROL,PLASTIC,SKIRTED POINTER,1/4 RD SHAFT HOLE DIAM, BLACK,NO. 4-40UNC3A	EA	1
7	29	PBOZZ	5355-00-051-9146	MS25167PIB	96906	KNOB,RD,SMALL,W/O SKIRT, PLASTIC,BLACK	EA	1
7	30	MOOZZ		13216E6189-3	97403	LEAD,ELECTRICAL,S1-2C TO S2-A2 MANUFACTURE FROM:	EA	1
7	31	PAOZZ	5999-00-914-2318	13216E6191-2	97403	TERMINAL LUG,NO. 16-14 WIRE	EA	2
7	32	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE,ELEC,600 V COP, AIRCRAFT,105°C,TYPE II, NO. 16 AWG	IN	V
7	33	MOOZZ		13216E6189-4	97403	LEAD,ELECTRICAL S1-2B TO S2-B2 MANUFACTURE FROM:	EA	1
7	34	PAOZZ	5999-00-914-2318	13216E6191-2	97403	TERMINAL LUG,NO. 16-14 WIRE	EA	2
7	35	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE,ELEC,600 V,COP, AIRCRAFT,105°C,TYPE II NO. 16AWG	IN	V
7	36	MOOZZ		13216E6189-5	97403	LEAD,ELECTRICAL,S1-3C TO S2-C2 MANUFACTURE FROM :	EA	1
7	37	PAOZZ	5999-00-914-2318	13216E6191-2	97403	TERMINAL LUG,NO. 16-14 WIRE	EA	2
7	38	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE,ELEC,600 V,COP, AIRCRAFT,105°C,TYPE II, NO. 16AWG	IN	V
7	39	MOOZZ	6150-01-033-8700	13216E6189-1	97403	LEAD,ELECTRICAL,S1-12 TO S3-2,MANUFACTURE FROM:	EA	1
7	40	PAOZZ	5940-00-948-9686	13216E6191-1	97403	TERMINAL LUG,NO. 22-18 WIRE	EA	1
7	41	PAOZZ	5940-00-557-1629	MS25036-149	96906	TERMINAL LUG,CRIMP STYLE,COP INS,CLASS I,NO.22-18 AWG, NO. 8 STUD SIZE	EA	1

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
7	42	PAOZZ	6145-00-851-8505	M5086-2-20-9	81349	WIRE,ELEC,600 V,COP, AIRCRAFT,105@C,TYPE II, NO. 20 AWG	IN	V
7	43	MOOZZ		13216E6189-2	97403	LEAD,ELECTRICAL S1-11 TO S3-1 MANUFACTURE FROM:	EA	1
7	44	PAOZZ	5940-00-948-9686	13216E6191-1	97403	TERMINAL LUG,NO. 22-18 WIRE	EA	1
7	45	PAOZZ	5940-00-557-1629	MS25036-149	96906	TERMINAL,LUG,CRIMP STYLE, COP,INS.,CLASS I,NO. 22-18 AWG, NO. 8 STUD SIZE	EA	1
7	46	PAOZZ	6145-00-851-8505	M5086-2-20-9	81349	WIRE,ELEC,600 V,COP, AIRCRAFT,105@C,TYPE II, NO. 20 AWG	IN	V
7	47	MFOZZ		13216E6208	97403	CONNECTOR,WITH LEADS MANUFACTURE FROM:	EA	1
7	48	PAOZZ	5940-00-948-9686	13216E6191-1	97403	TERMINAL LUG,NO. 22-18 AWG	EA	6
7	49	PAOZZ	6145-00-851-8505	M5086-2-20-9	81349	WIRE,ELEC,600 V,COP,105@C, NO. 20 AWG	IN	V
7	50	PAOZZ	6145-00-578-6602	M5086-2-18-9	81349	WIRE,ELEC,600 V,COP,105@C, NO. 18 AWG	IN	V
7	51	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE,ELEC,600 V,COP,105@C, NO. 16 AWG	IN	V
7	52	PAOZZ	6145-00-578-7514	M5086-2-12-9	81349	WIRE,ELEC,600 V,COP,105@C, NO. 12 AWG	IN	V
7	53	PAOZZ	5940-00-432-2660	13216E6191-3	97403	TERMINAL LUG,NO. 12-10 AWG	EA	9
7	54	PAOZZ	5999-00-914-2318	13216E6191-2	97403	TERMINAL LUG,NO. 16-14 AWG	EA	14
7	55	PAOZZ	5935-00-482-2388	13216E6209-2	97403	CONNECTOR,PLUG,ELEC	EA	1
7	56	PAOZZ	5940-00-150-4682	13216E6192	97403	TERMINAL,QUICK DISCONNECT	EA	2
7	57	PAOZZ	5940-00-557-1629	MS25036-149	96906	TERMINAL LUG,CRIMP STYLE, COP,INS,CLASS I, NO. 22-18 AWG,NO. 8 STUD SIZE	EA	1
7	58	PAOZZ	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG,CRIMP STYLE, COP,INS,CLASS I,NO. 16-14 AWG,NO. 8 STUD SIZE	EA	V
7	59	XBOZZ		13216E6159-11	97403	POST,SPACER	EA	1
7	60	PAOZZ	5340-00-565-0011	MS21919DG2	96906	CLAMP,CUSHIONED,SUPPORT,LOOP-TYPE,AIRCRAFT,AL ALY,1/8 NOM. TUBE DIAM	EA	1
7	61	PAOZZ	5305-00-984-7530	MS35206-245	96906	SCREW,MACH-PAN HD,CROSS REC, CS,CAD PL,NO. 8-32UNC2A X 1/2 LG	EA	22
7	62	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER,LOCK-SPRING,HELICAL REG SER,CS,CAD PL,NO. 8 NOM SIZE	EA	2
7	63	PAOZZ	5340-00-543-4394	MS21919DG6	96906	CLAMP,CUSHIONED,SUPPORT,LOOP-TYPE,AIRCRAFT,AL ALY,NON-FUEL RES,3/8 NOM TUBE OD	EA	2



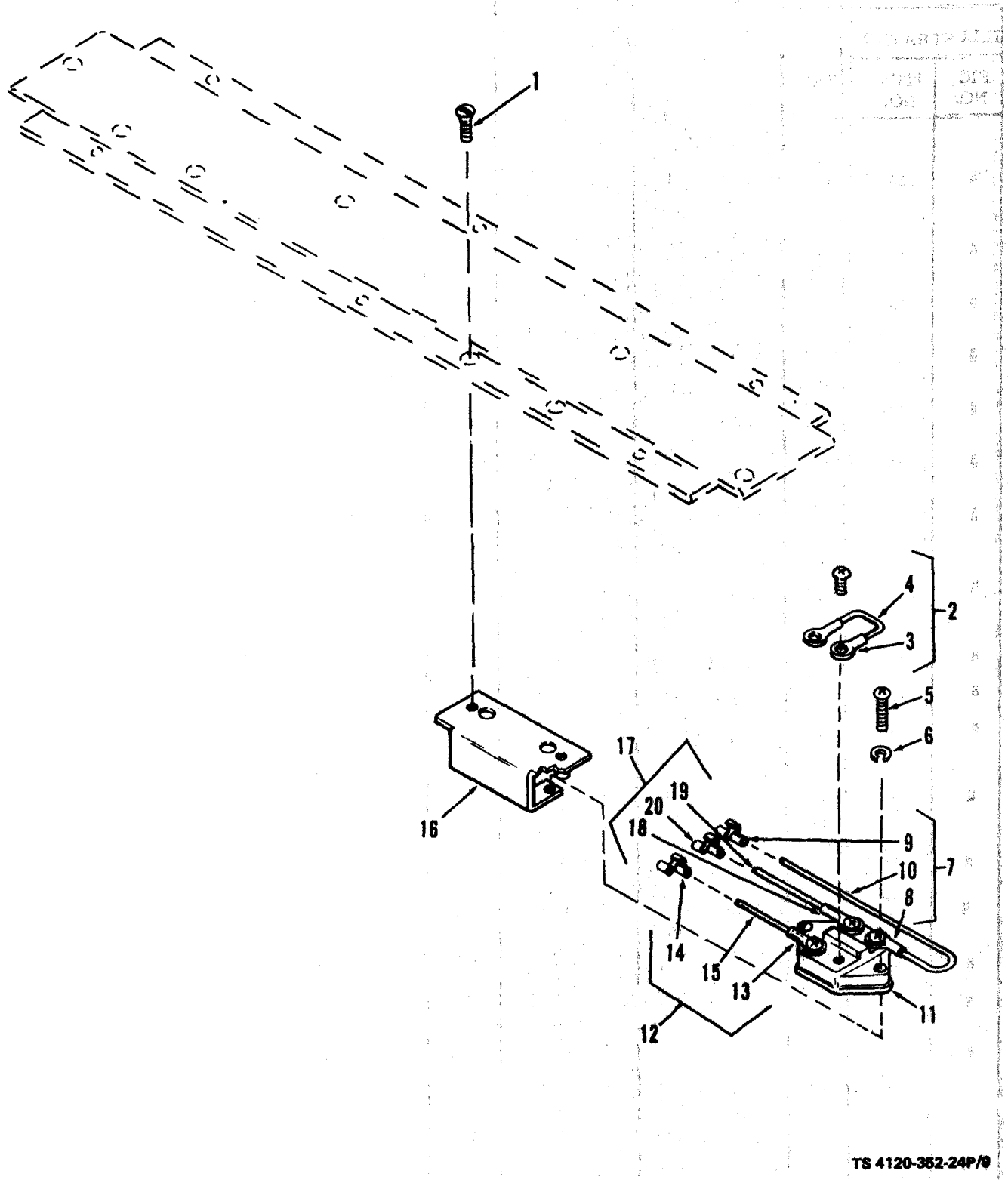
TS 4120-352-24P/8

Figure 8. Electrical Components - Junction Box



ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
8	1	PAOZZ	5945-00-482-5770	13216E6184	97403	RELAY, ARMATURE, 11 PIN	EA	1
8	2	XBOZZ		13216E5929	97403	BRACKET, ARMATURE RELAY	EA	1
8	3	PAOZZ	5310-00-983-8483	MS27183-5	96906	WASHER, FLAT-RD, CS, CAD PL, .156 ID X .312 OD X .035 THK.	EA	21
8	4	PAOZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LKG, HEX, REG HGT, 250°F, STL, CAD PL, NO. 6-32 NO. 6-32UNC3D	EA	19
8	5	PAOZZ	5945-00-549-6348	MS24192-D1	96906	RELAY, 25 AMP, 3PST, NORMALLY OPEN, CLASS A5, UNSEALED 28 VDC	EA	2
8	6	PAOZZ	5310-00-917-6365	MS90724-29	96906	NUT, FLAT, SHEET SPRING, U-TYPE NO. 8-32	EA	8
8	7	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT-RD, CS, CAD PL, .187 ID X .375 OD X .049 THK	EA	11
8	8	PAOZZ	5305-00-984-6193	MS35206-245	96906	SCREW, MACH-PAN HD, CROSS-REC, CS, CAD PL, NO. 10-32UNF2A X 1/2 LG	EA	8
8	9	XBOZZ		13216E6232	97403	TERMINAL BOARD	EA	1
8	10	PAOZZ	5310-00-811-3494	MS21044N08	96906	NUT, SELF-LKG, HEX, REG HT, 250°F, STL, CAD PL, NO. 8-32UNC3B	EA	2
8	11	XBOZZ		13216E6221-3	97403	MARKER STRIP	EA	1
8	12	PAOZZ	5305-00-957-7806	MS24693S273	96906	SCREW, MACH, FLAT CSK HD, 100° CROSS REC, CS, CAD PL, NO. 10-32 UNC2A X 5/8 LG	EA	1
8	13	PAOZZ	5340-00-106-0553	MS21919DG14	96906	CLAMP, CUSHIONED, SUPPORT, LOOP-TYPE, AIRCRAFT, AL ALY, 3/4 NOM TUBE DIA	EA	1
8	14	PAOZZ	5310-00-823-8804	MS27183-9	96906	WASHER, FLAT-RD, CS, CAD PL, .259 ID X .562 OD X .049 THK	EA	1
8	15	PAOZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LKG, HEX, REG HGT, 250°F, STL, CAD PL, NO. 10-32UNF3B	EA	1
8	16	PAOZZ	5305-00-957-7821	MS24693S54	96906	SCREW, MACH, FLAT CSK HD, 100° CROSS REC, CS, CAD PL, NO. 8-32UNC2A X 1LG	EA	2
8	17	PAOZZ	5305-00-965-5882	MS24693S52	96906	SCREW, MACH, FLAT CSK HD, 100° CROSS REC, CS, CAD PL, NO. 8-32 UNC2A X 3/4 LG	EA	1

ILLUSTRATION						TMS-4120-352-24P		
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
							USABLE ON CODE	
8	18	PAOZZ	5310-00-811-6419	MS21042-04	96906	NUT,SELF LKG,450°,REG HEX REG HT,RING BASE,NON-CRES,CAD PL,NO. 4-4OUNCUC3B	EA	4
8	19	PAOZZ	5310-00-950-1310	MS27183-4	96906	WASHER,FLAT RD,CS,CAD PL,.125 ID X .312 OD X .032 THK	EA	8
8	20	PAOZZ	5330-00-508-0753	MS52000-6	96906	GASKET,RUBBER,SYNTHETIC,1.375 X .031 THK X 1.125 ID	EA	1
8	21	XBOZZ	9905-00-183-6658	13216E6179	97403	PLATE,DESIGNATION,HIGH PRESSURE RESET	EA	1
8	22	XBOZZ	9905-00-183-6659	13216E6180	97403	PLATE,DESIGNATION,LOW PRESSURE RESET	EA	1
8	23	XBOZZ		13216E5926	97403	PLATE,DESIGNATION,POWER AND CIRCUIT BREAKER	EA	1
8	24	XBOZZ	5935-00-500-5008	MS25043-18D	96906	COVER,ELEC,CONNECTOR RECEPTACLE AN TYPE,CPLG,SIZE 18,1-1/8-18 NEF2B	EA	1
8	25	PAOZZ	5305-00-983-6730	MS35206-218	96906	SCREW,MACH-PAN HD,CROSS REC,CS,CAD PL,NO. 4-4OUNC2A X 5/8 LG	EA	4
8	26	XBOZZ		13216E5925	97403	JUNCTION BOX	EA	1
8	27	PAOZZ	5925-00-406-9653	13216E6178-1	97403	CIRCUIT BREAKER	EA	1
8	28	PAOZZ	5305-00-837-3343	MS24693S28	96906	SCREW,MACH,FLAT CSK HD,100° CROSS REC,CS,CAD PL,NO.6-32UNC2A X 1/2 LG	EA	8
8	29	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER,LOCK-SPRING,HELICAL,CS,CAD PL,NO. 8 NOM SIZE	EA	10
8	30	PAOZZ	5310-00-934-9757	MS35649-282	96906	NUT,PLAIN,HEX,MACH,CS CAD PL,NO. 8-32 UNC2B	EA	2
8	31	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW,MACH-PAN HD,CROSS REC,CS CAD PL,NO. 6-32UNC2A X 5/8 LG	EA	7
8	32	PAOZZ	5945-00-007-7669	13216E6182-3	97403	RELAY,TIME DELAY	EA	1
8	33	XBOZZ		13216E6189-10	97403	LEAD,ELECTRICAL,2.00 LG	EA	1
8	34	PAOZZ	5310-00-167-0832	AN960-6L	88044	WASHER,FLAT,LIGHT SER,CS,CAD PL,.149 ID X .016 THK	EA	2

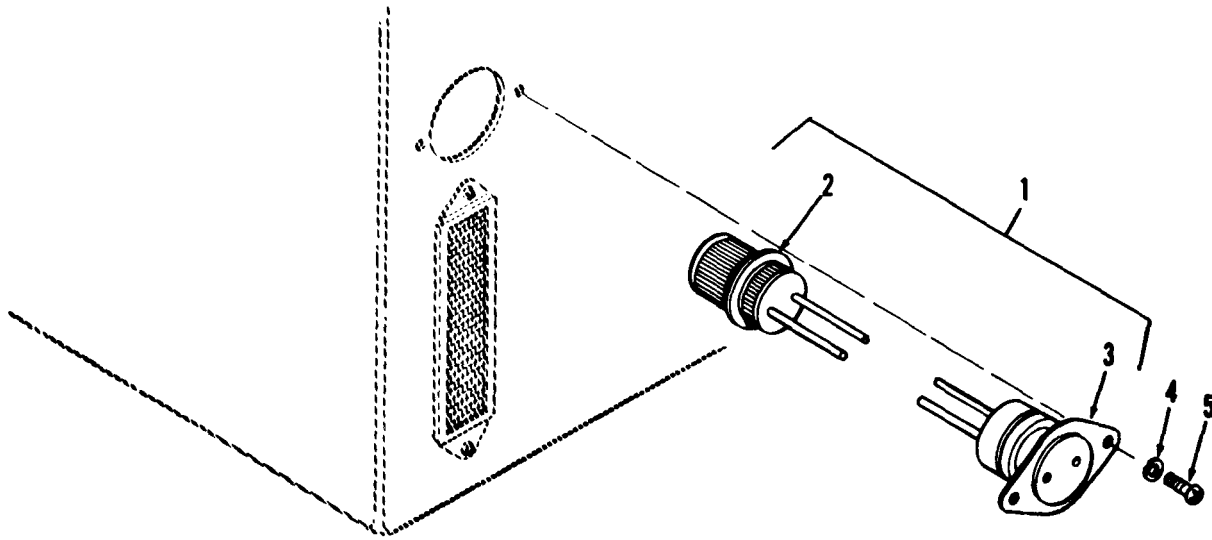


TS 4120-352-24P/9

Figure 9. Starting and Protective Devices - Heater Thermostatic Switch

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
GROUP 03 STARTING AND PROTECTIVE DEVICES								
9	1	PAOZZ	5305-00-063-3503	MS24693S50	96906	SCREW,MACH,FLAT CSK HD,100° CROSS REC,CS,CAD PL, NO. 8-32UNC2A X 1/2 LG	EA	2
9	2	MOOZZ		13216E6189-6	97403	LEAD,ELECTRICAL,S6-4 TO S6-2, 2.00 LG MANUFACTURE FROM:	EA	1
9	3	PAOZZ	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG,CRIMP STYLE,COP, INS,CLASS I, NO. 16-16 AWG,NO. 8 STUD SIZE	EA	2
9	4	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE,ELEC,600 V,COP, AIRCRAFT,105°C,TYPE II, NO 16 AWG	IN	V
9	5	PAOZZ	5310-00-984-4992	MS35206-232	96906	SCREW,MACH-PAN HD,CROSS REC, CS,CAD PL,NO. 6-32UNC2AX X 3/4 LG	EA	2
9	6	PAOZZ	5310-00-045-4007	MS35338-41	96906	WASHER,LOCK-SPRING,HELICAL, CS,CAD PL,NO. 6 NOM SIZE	EA	2
9	7	MOOZZ		13216E6189-7	97403	LEAD,ELECTRICAL,S6-2 TO TB2-9, 18:00 LG MANUFACTURE FROM:	EA	1
9	8	PAOZZ	5999-00-914-2318	13216E6191-2	97403	TERMINAL LUG,NO. 16-14 WIRE	EA	1
9	9	PAOZZ	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG,CRIMP STYLE,COP, INS,CLASS I,NO. 16-14 AWG, NO. 8 STUD SIZE	EA	1
9	10	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE,ELEC,600 V,COP, AIRCRAFT,105°C,TYPE II NO. 18 AWG	IN	V
9	11	PAOZZ	5930-00-357-6090	13216E6224	97403	SWITCH,THERMOSTATIC		
9	12	MOOZZ		13216E6189-9	97403	LEAD,ELECTRICAL,S6-2 TO TB2-7 18:00 LG MANUFACTURE FROM:	EA	1
9	13	PAOZZ	5999-00-914-2318	13216E6191-2	97403	TERMINAL LUG,NO. 16-14 WIRE	EA	1
9	14	PAOZZ	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG,CRIMP STYLE,COP INS,CLASS I,NO. 16-14 AWG, NO. 8 STUD SIZE	EA	1
9	15	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE,ELEC,600 V,COP, AIRCRAFT,105°C,TYPE II, NO. 16 AWG	IN	V
9	16	XBOZZ		13216E5924	97403	BRACKET,THERMOSTATIC SWITCH	EA	1

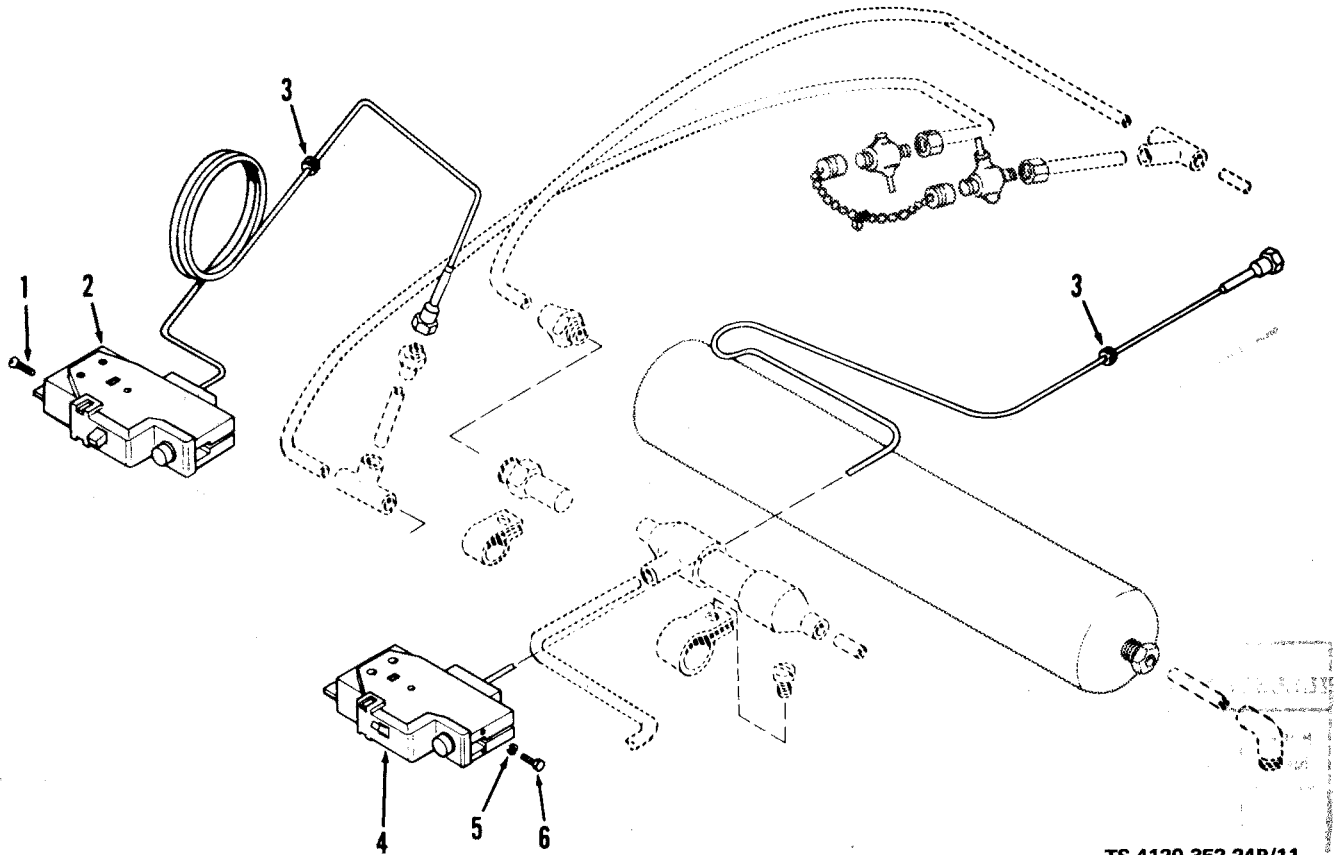
ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
9	17	MOOZZ		13216E6189-8	97403	LEAD,ELECTRICAL S6-1 TO TB2-8, 18:00 LG MANUFACTURE FROM:	EA	1
9	18	PAOZZ	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG,CRIMP STYLE,COP, INS,CLASS I,NO. 16-14 AWG, NO. 8 STUD SIZE	EA	1
9	19	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE,ELEC,600 V, COP, AIRCRAFT,104°C,TYPE II, 16 AWG	IN	V
9	20	PAOZZ	5999-00-914-2318	13216E6191-2	97403	TERMINAL LUG,NO. 16-14 WIRE	EA	1



TS 4120-352-24P/10

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  Usable On Code	U/M	QTY INC IN UNIT
FIG. NO.	ITEM NO.							
10	1	PAOZZ	5930-00-482-5780	13216E6225	97403	SWITCH, THERMOSTATIC, WITH CONNECTOR CONSISTING OF:	EA	1
10	2	PAOZZ	5935-00-849-1713	MS3106R16-10P	96906	CONNECTOR, PLUG, ELEC, STRAIGHT ENVIRONMENT RES, SHELL SIZE 16, 3 PIN CONTACT	EA	1
10	3	PAOZZ	5930-00-482-2386	13216E6217	97403	SWITCH, THERMOSTATIC	EA	1
10	4	PAOZZ	5310-00-045-4007	MS35338-41	96906	WASHER, LOCK-SPRING, HELICAL, REG SER, CS, CAD PL, NO. 6 NOM SIZE	EA	2
10	5	PAOZZ	5305-00-889-3000	MS35206-230	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 6-32UNC2A x 1/2 LG	EA	2

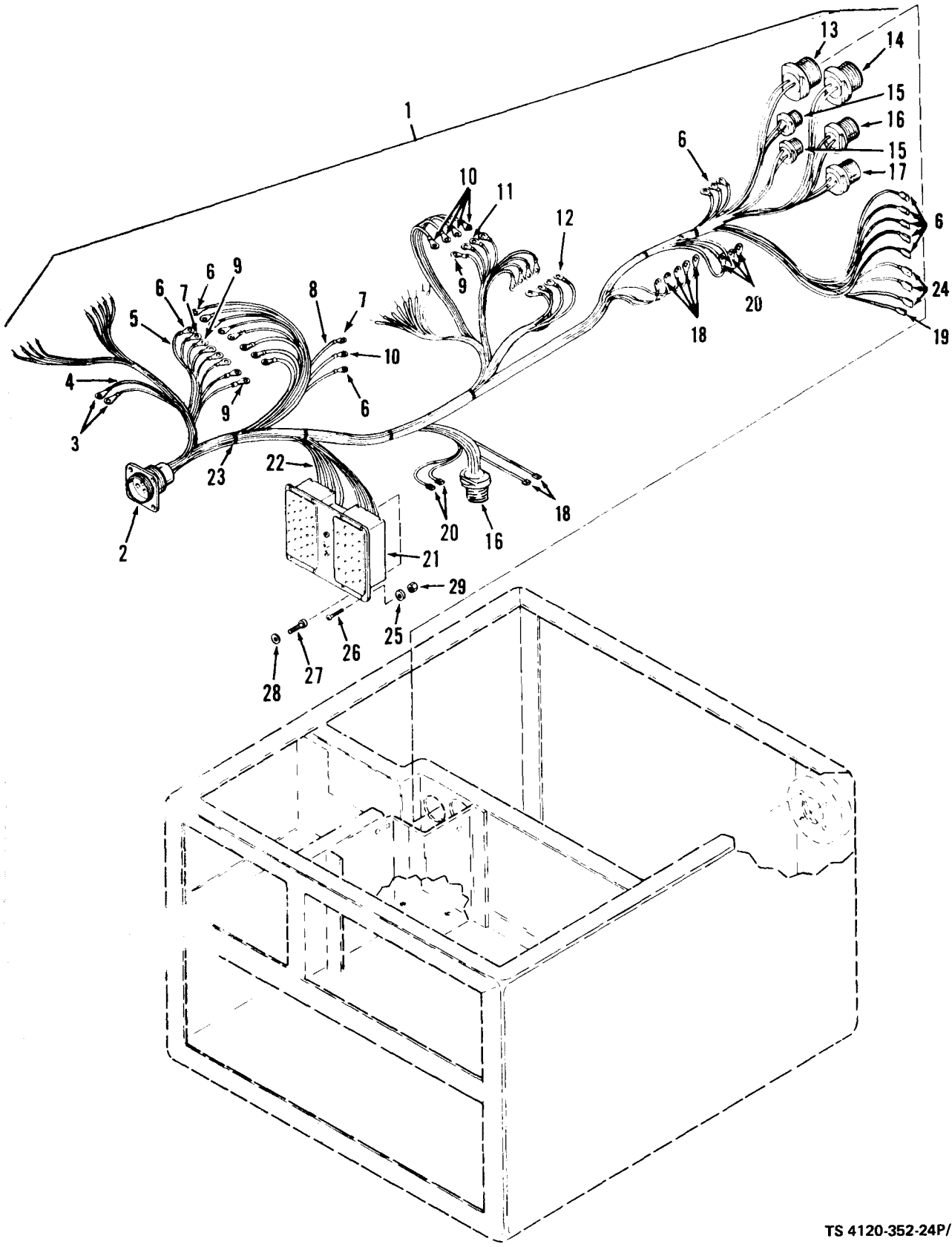
Figure 10. Starting and Protective Devices – Condenser Fan Motor Thermostatic Switch



TS 4120-352-24P/11

ILLUSTRATION		SMR C ODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  Usable On Code	U/M	QTY INC IN UNIT
FIG. NO.	ITEM NO.							
11	1	PAOZZ	5305-00-837-3343	MS24693S28	96906	SCREW, MACH, FLAT CSK HD, 100°, CROSS REC, CS, CAD PL, NO NO. 6-32UNC2A x 1/2 LG	EA	2
11	2	PAFZZ	5930 -00-190-8730	13216 E6215-1	97403	SWITCH, PRESSURE, 15 PSIG	EA	1
11	3	PAOZZ	5325 -01-005-4098	13216 E6109	97403	GROMMET, RUBBER	EA	2
11	4	PAFZZ	5930-00-190-8729	13216 E6215-3	97403	SWITCH, PRESSURE, 445 PSIG	EA	1
11	5	PAOZZ	5310-00-045-4007	MS35338-41	96906	WASHER, LOCK-SPRING, HELICAL, REG SER, CS, CAD PL,	EA	2
11	6	PAOZZ	5305-00-978-9348	MS16997-20	96906	SCREW, CAP, SOC HD, HEX, AL STL, CAD PL, NO. 6-32 UNC3A x 1/2 LG	EA	2

Figure 11. Starting and Protective Devices - High and Low Pressure Cutouts Switches



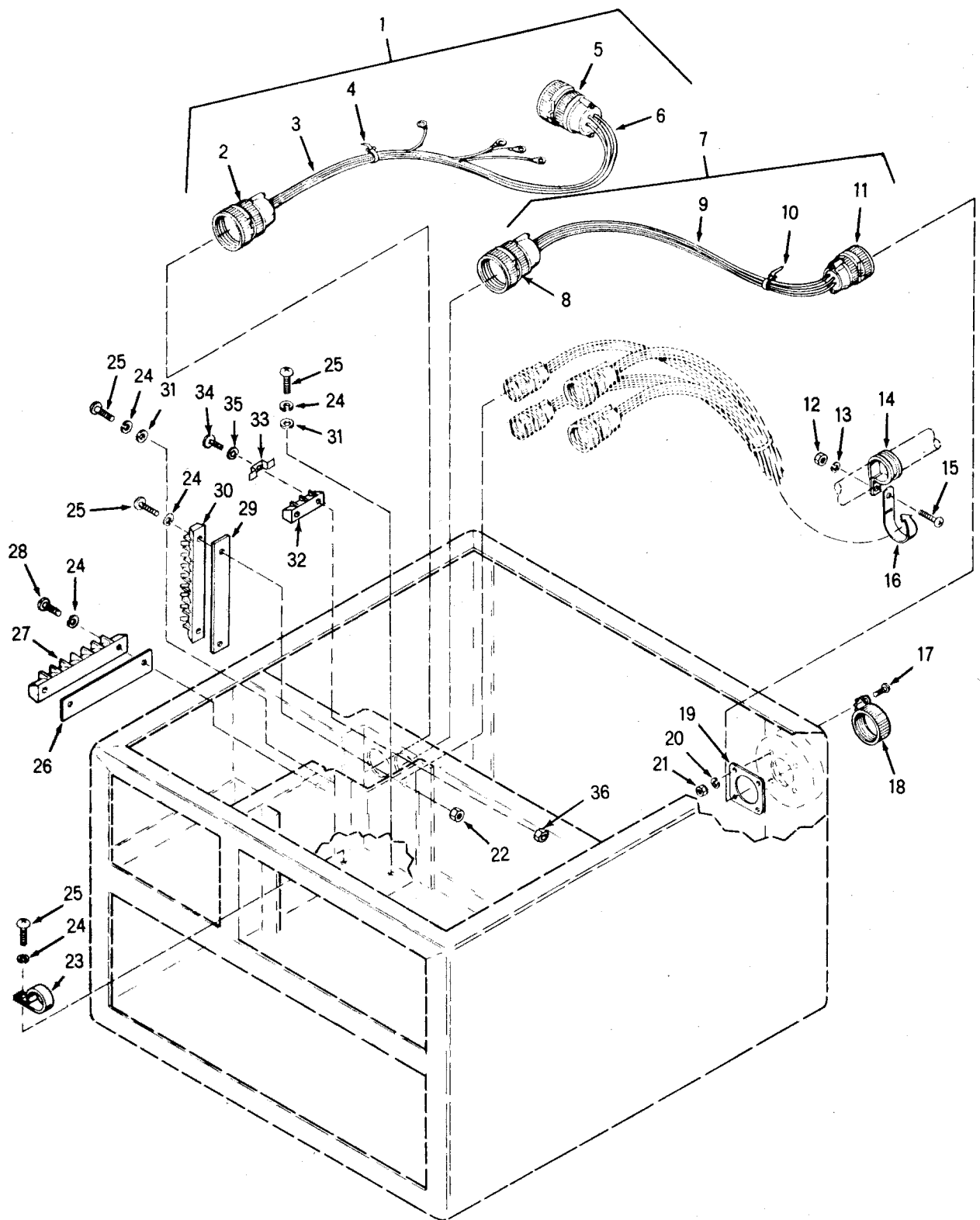
TS 4120-352-24P/12

Figure 12. Wiring - Junction Box Wiring Harness



ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
GROUP 04 WIRING								
12	1	MFOZZ		13220E5607	97403	JUNCTION BOX WIRING HARNESS MANUFACTURE FROM:	EA	1
12	2	PAOZZ	5935-00-838-3860	MS3100R-18-11P	96906	CONNECTOR, RECP, ELEC, WALL MTG, ENVIR RES, SHELL SIZE 18, SPIN INSERTS	EA	1
12	3	PAOZZ	5940-00-813-0698	MS25036-101	96906	TERMINAL LUG, CRIMP STYLE, COP, INS, CLASS I NO. 22-18 AWG, NO. 6 STUD SIZE, RED	EA	2
12	4	PAOZZ	6145-00-851-8505	M5086-2-20-9	81349	WIRE, ELEC, 600 V, COP, AIRCRAFT, 105C, NO. 20 AWG	IN	V
12	5	PAOZZ	6145-00-578-7514	M5086-2-12-9	81349	WIRE, ELEC, 600 V, COP, AIRCRAFT, 105°C, NO 12 AWG	IN	V
12	6	PAOZZ	5940-00-143-4775	MS25036-156	96906	TERMINAL LUG, CRIMP STYLE, COP, INS, CLASS I, NO. 12-10 AWG NO. 8 STUD SIZE, YELLOW	EA	18
12	7	PAOZZ	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG, CRIMP STYLE, COP, INS, CLASS I, NO. 16-14 AWG NO. 8 STUD SIZE, BLUE	EA	7
12	8	PAOZZ	6145-00-578-6605	M5086-2-16-9	81349	WIRE, ELEC, 600 V, COP, AIRCRAFT, 105°C, NO. 16 AWG	IN	V
12	9	PAOZZ	5940-00-557-1629	MS25036-149	96906	TERMINAL LUG, CRIMP STYLE, COP, INS, CLASS I, NO. 22-18 AWG, NO. 8 STUD SIZE, RED	EA	18
12	10	PAOZZ	5940-00-143-4780	MS25036-108	96906	TERMINAL LUG, CRIMP STYLE, COP, INS, CLASS I, NO. 16-14 AWG, NO. 10 STUD SIZE, BLUE	EA	8
12	11	PAOZZ	5940-00-143-4771	MS25036-103	96906	TERMINAL LUG, CRIMP STYLE, COP, INS, CLASS I, NO. 22-18 AWG, NO. 10 STUD SIZE, RED	EA	1
12	12	PAOZZ	5940-00-143-4794	MS25036-112	96906	TERMINAL LUG, CRIMP STYLE, COP, INS, CLASS I, NO. 12-10 AWG, NO. 10 STUD SIZE, YELLOW	EA	6
12	13	PAOZZ	5935-00-482-2384	13216E6193-3	97403	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
12	14	PAOZZ	5935-00-482-2393	13216E6193-5	97403	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
12	15	PAOZZ	5935-00-482-2392	13216E6193-1	97403	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2
12	16	PAOZZ	5935-00-482-2391	13216E6193-2	97403	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2
12	17	PAOZZ	5935-00-482-2387	13216E6193-4	97403	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
12	18	PAOZZ	5999-00-914-2318	13216E6191-2	97403	TERMINAL LUG,NO. 16-14 WIRE	EA	7
12	19	PAOZZ	5940-00-836-0358	MS17143-13	96906	TERMINAL LUG,NO. 22-18 WIRE	EA	3
12	20	PAOZZ	5940-00-948-9686	13216E6191-1	97403	TERMINAL, WIRE, FLAG TYPE, TAB RECEPTACLE	EA	4
12	21	PAOZZ	5935-00-482-2390	13216E6177	97403	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
12	22	PAOZZ	6145-00-578-6602	M5086-2-18-9	81349	WIRE, ELEC, 600V, CO, AIRCRAFT, 105°C, NO. 18 AWG	IN	V
12	23	PAOZZ		MS3367-1-9	96906	STRAP, CABLE, ADJ, SELF- CLINCHING, PLASTIC, TYPE I, CLASS I, 1-1/2 MAX BUNDLE DIA, NATURAL	EA	V
12	24	PAOZZ		MS17143-15	96906	TERMINAL LUG, NO. 12-10 WIRE	EA	8
12	25	PAOZZ	5310-00-983-8483	MS27183-5	96906	WASHER, FLAT-RD, CS, CAD PL, GEN PURPOSE, .156 ID X .312 OD X .035 THK	EA	8
12	26	PAOZZ	5305-00-808-7832	MS24693S29	96906	SCREW, MACH, FLAT CSK HD, 100°, CROSS REC, CS, CAD PL, NO. 6-32UNC2A X 5/8 LG	EA	8
12	27	PAOZZ	5305-00-952-0759	MS35207-276	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, 1/4 X 28UNF2A X 5/16 LG	EA	1
12	28	PAOZZ	5310-00-582-5965	MS35338-44	96906	WASHER, LOCK-SPRING, HEL, REG SER, CS, CAD, PL, 1/4 NOM SIZE	EA	1
12	29	PAOZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LKG, HEX, REG HGT., 250°, STL, CAD PL, NO. 6-32UNC3B	EA	8

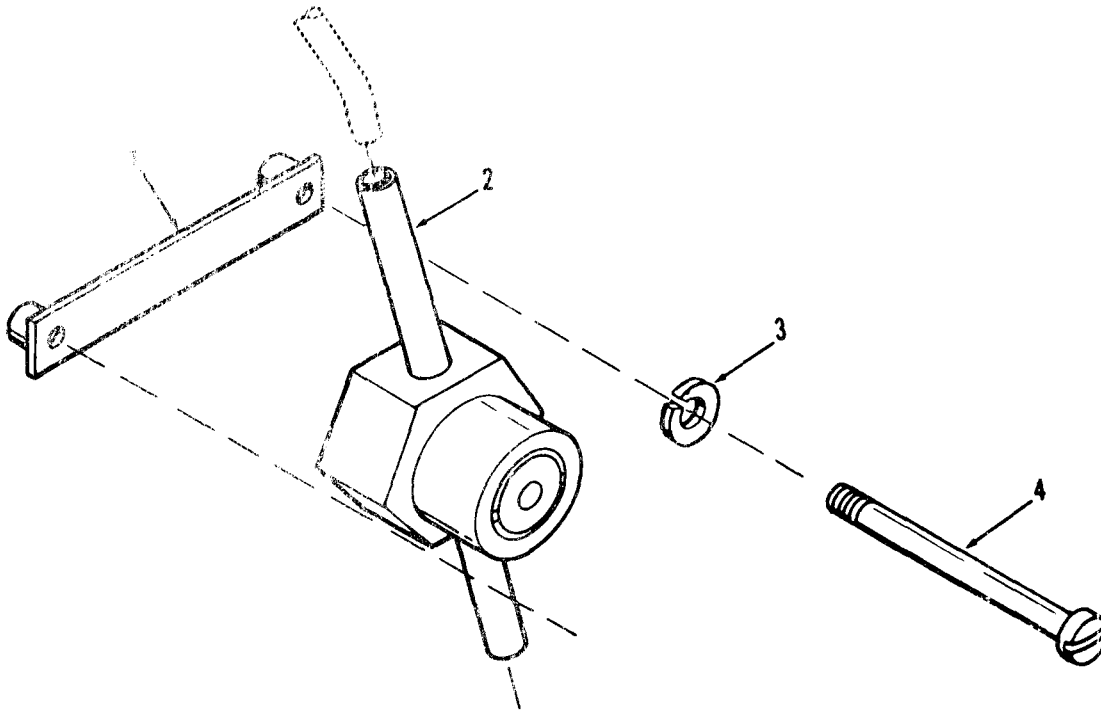


TS 4120-352-24P/13

Figure 13. Wiring - Cables and Leads

ILLUSTRATION			NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO	SMR CODE					USABLE ON CODE	
13	1	MFOZZ	6150-00-577-7050	13216E6230	97403	WIRING HARNESS,COMPRESSOR, MANUFACTURE FROM:	EA	1
13	2	PAOZZ	5935-00-816-8645	MS3106R20-15P	96906	CONNECTOR,PLUG,ELEC.,STR, ENVIR,RES.,SHELL SIZE 20 7-PIN SOCKET	EA	1
13	3	PAOZZ	6145-00-578-7514	M5086-2-12-9	81349	WIRE,ELEC.,600 V,COP,105°C, NO. 12 AWG	IN	V
13	4	XBOZZ		MS3367-1-9	96906	STRAP,CABLE,ADJ.,SELF-CLINCH- ING,PLASTIC,TYPE I CLASS I, 1/1/2 MAX. BUNDLE DIA., NATURAL	EA	V
13	5	PAOZZ	5935-00-816-8646	MS3106R20-15S	96906	CONNECTOR,PLUG,ELEC.,STR., ENVIR.RES.,SHELL SIZE 20, 7-SOCKET INSERT	EA	1
13	6	PAOZZ	6145-00-851-8505	M5036-2-20-9	81349	WIRE,ELEC.,600 V,COP,105°C, NO. 20 AWG	IN	V
13	7	MFOZZ		13216E6228	97403	CABLE ASSEMBLY,POWER INPUT, AUZILIARY MANUFACTURE FROM:	EA	1
13	8	PAOZZ	5935-00-725-4153	MS3106R18-11S	96906	CONNECTOR,PLUG,ELEC.,STR., ENVIR. RES., SHELL SIZE 18, 5-SOCKET INSERT	EA	1
13	9	PAOZZ	6145-00-578-7514	M5086-2-12-9	81349	WIRE,ELEC.,600 V,COP,AIR- CRAFT,105°C,TYPE II,NO. 12 AWG	IN	V
13	10	XBOZZ		MS3367-1-9	96906	STRAP,CABLE,ADJ,SELF-CLINCH- ING,PLASTIC,TYPE I,CLASS I, 1-1/2 MAX BUNDLE DIA.,NATURAL	EA	V
13	11	PAOZZ	5935-00-838-3860	MS3100R-18-11P	96906	CONNECTOR,RECP,ELEC.,WALL MTG., ENVIR. RES., SHELL SIZE 18, 5-PIN INSERT	EA	1
13	12	PAOZZ	5310-00-934-9758	MS35649-202	96906	NUT,PLAIN,HEX,MACH SCREW,CS, CAD PL,NO. 10-32UNC2B	EA	1
13	13	PAOZZ	5310-00-045-3296	MS35338-43	96906	WASHER,LOCK-SPRING,HEL,REG SER, CS,CAD PL,NO. 10,NOM SIZE	EA	1
13	14	PAOZZ	5340-00-598-0597	MS21919DG8	96906	CLAMP,CUSHIONED,SUPPORT,LOOP- TYPE,AIRCRAFT,ALALY,NON-FUEL RES, 1/2 NOM TUBE OD	EA	1
13	15	PAOZZ	5305-00-984-6211	MS35207-264	96906	SCREW,MACH-PAN HD,CROSS REC, CS,CAD PL,NO. 10-32UNF2A X 5/8 LG	EA	1
13	16	XBOZZ	5975-00-906-2414	13208E8536	97403	STRAP,CABLE,SELF-CLINCHING	EA	1
13	17	PAOZZ	5305-01-025-5771	MS35206-217	96906	SCREW,MACH-PAN HD, CROSS REC,CS, CAD PL,NO. 4-4OUNC2A X 1/2 LG	EA	4

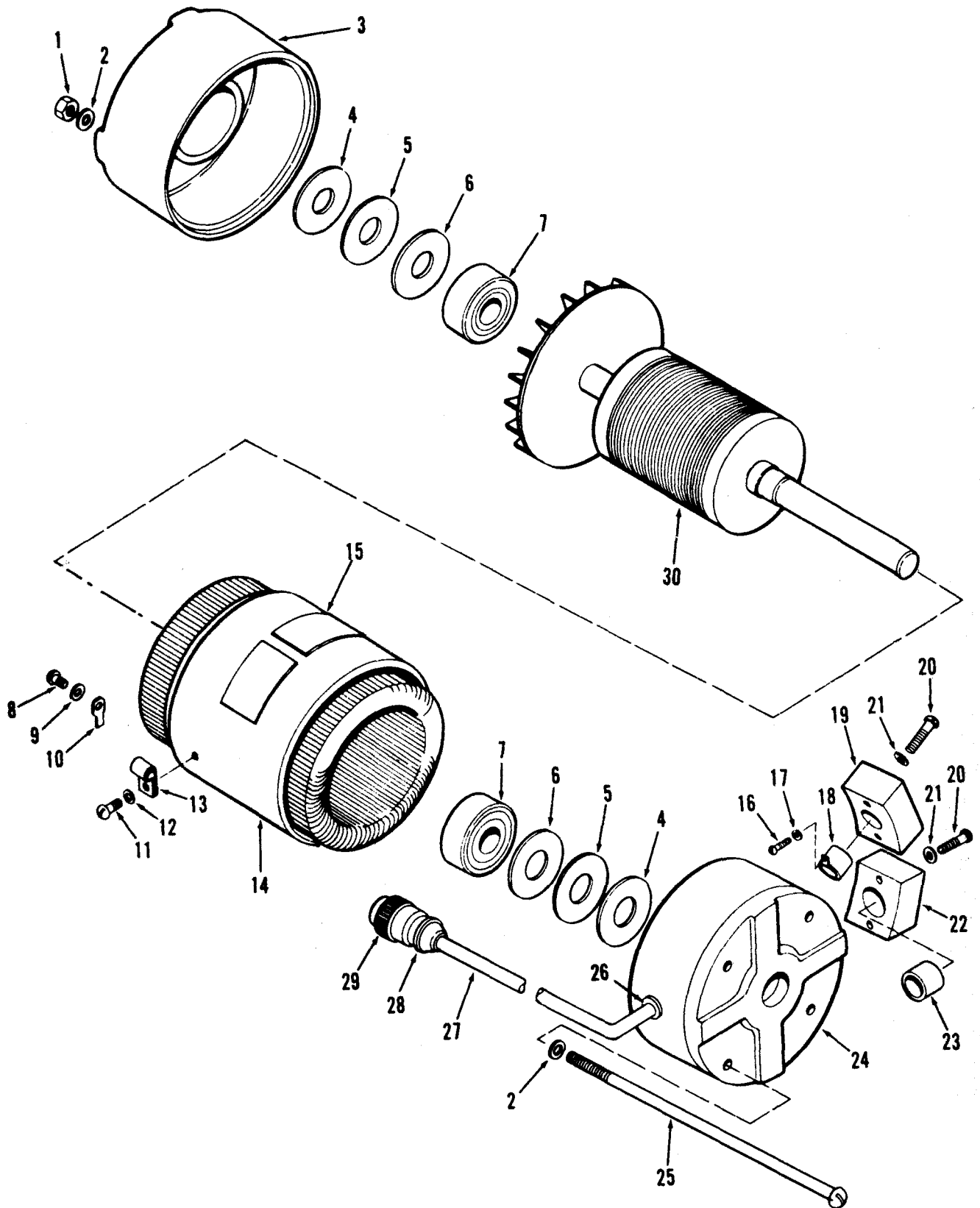
ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
13	18	XBOZZ		MS25043-18D	96906	COVER,ELEC CONN,RECP,AN TYPE, CPLG,SIZE 18,1-1/8-18NEF2B	EA	4
13	19	PAOZZ	5330-00-079-7840	MS51007-6	96906	GASKET,RUB,SYN,1.375 SQ X .031 THK,NO. 18 SHELL SIZE	EA	1
13	20	PAOZZ	5310-00-543-2410	MS35338-40	96906	WASHER,LOCK-SPRING,HEL,REGR SER, CS,CAD PL,NO. 4 NOM SIZE	EA	4
13	21	PAOZZ	5310-00-934-9739	MS35649-242	96906	NUT,PLAIN,HEX,MACH SCREW,CS, CAD PL,NO. 4-40UNC2B	EA	4
13	22	PAOZZ	5310-00-934-9759	MS35649-282	96906	NUT,PLAIN,HEX,MACH,SCREW,CS, CAD PL,NO. 8-32UNC2B	EA	2
13	23	PAOZZ	5340-00-682-1617	MS21919DG12	96906	CLAMP,CUSHIONED,SUPPORT,LOOP-TYPE,AIRCRAFT,AL ALY,NON-FUEL RES,3/4 NOM TUBE OD	EA	1
13	24	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER,LOCK-SPRING,HEL,REG SER. CS,CAD PL,NO.8 NOM SIZE	CEA	7
13	25	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW,MACH-PAN HD,CROSS REC,CS, CAD PL,NO. 8-32UNC2A X 5/8 LG	EA	5
13	26	XBOZZ		13216E6221-3	97403	MARKER STRIP,4.34 LG	EA	1
13	27	XBOZZ		13216E6232	97403	TERMINAL BOARD	EA	1
13	28	PAOZZ	5305-00-984-6197	MS35206-249	96906	SCREW,MACH-PAN HD,CROSS REC, CS,CAD PL,NO. 8-32UNC2A X 1 LG	EA	2
13	29	XBOZZ		13216E6221-1	97403	MARKER STRIP,6.00 LG	EA	1
13	30	XBOZZ		13216E6220-1	97403	TERMINAL BOARD	EA	1
13	31	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER,FLAT-RD,CS,CAD PL, GEN PURPOSE,188 ID X .375 OD X .049 TH,BSC SIZE	EA	2
13	32	XBOZZ		13219E9552-8	97403	TERMINAL BOARD	EA	1
13	33	XBOZZ	5940-00-578-3482	69-651-2	30554	JUMPER	EA	1
13	34	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW,PAN HD,CROSS REC,CS,CAD PL,8-32UNC2A X .625 LG	EA	2
13	35	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING, HEL, REG SER, CS,CAD PL,NO. 8 NOM SIZE	EA	2
13	36	PAOZZ	5310-00-934-9757	MS35649-282	96906	NUT,HEX,NO. 8-32UNC2B	EA	2



TS 4120-352-24P/14

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION Usable On Code	U/M	QTY INC IN UNIT
FIG. NO.	ITEM NO.							
14	1	XBOZZ		13216E6156	97403	GROUP 05 SIGHT INDICATOR PLATE, MOUNTING	EA	1
14	2	PAFZZ	6680-00-929-6667	13216E6155	97403	INDICATOR, SIGHT, LIQUID	EA	1
14	3	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING, HELICAL, REC SER, CS, CAS PL, NO. 8 NOM SIZE	EA	2
14	4	PAOZZ	5305-00-984-6202	MS35206-254	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 8-32UNCA X2-1/4 LG	EA	2

Figure 14. Gages - Liquid Sight Indicator



TS 4120-352-24P/15

Figure 15. Electric Motors - Condenser and Evaporator Fans

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
GROUP 06 ELECTRIC MOTORS								
15		PAOFZ	6105-00-192-7598	13216E6140-3	97403	MOTOR,ALTERNATING CURRENT, 208 VOLT,3-PHASE,5-/60 HERTZ	EA	2
15	1	XBOZZ		22TM82	22599	NUT,SELF-LKG,HEX, NO. 8-32NC-2	EA	V
15	2	PAOZZ	5310-00-515-8058	AN960-8	88044	WASHER,FLAT	EA	8
15	3	XBOZZ		3645B8-14	92702	END BELL,REAR	EA	1
15	4	XBOZZ		81-123	92702	SHIM	EA	V
15	5	XBOZZ		81-124	92702	SHIM	EA	V
15	6	XBOZZ	4130-00-851-8110	40	92830	WASHER,THRUST	EA	2
15	7	PAOZZ	3110-00-915-4933	47-41-1	92702	BEARING,BALL,ANNULAR	EA	2
15	8	PAOZZ	5305-01-005-3186	91-1-6	92702	SCREW,MACH,BDG HD,NO. 4-40 X 1/4 LG	EA	1
15	9	PAOZZ	5310-00-477-0295	92-2	92702	WASHER,LOCK INTERNAL TEETH, NO. 4	EA	1
15	10	PAOZZ		31878	32575	TERMINAL LUG	EA	1
15	11	PAOZZ	5305-00-775-9548	91-11-6	92702	SCREW,MACH,BDG HD,NO. 6-32 X 3/8 LG	EA	1
15	12	PAOZZ	5310-00-477-0294	92-1	92702	WASHER,LOCK,INTERNAL TEETH, NO. 6	EA	1
15	13	PAOZZ		CN33	92219	CLAMP,LOOP	EA	1
15	14	XBOZZ	6105-00-476-6769	5146-6-2	92702	STATOR,MOTOR	EA	1
15	15	XBOZZ	7690-00-432-7502	61-2264	92702	DECAL,SCHEMATIC	EA	1
15	16	PAOZZ	5305-00-040-9858	91-109-7	92702	SCREW,MACH,FIL HD,NO. 1-72 X 7/16 LG	EA	2
15	17	PAOZZ	5310-00-477-0345	92-44	92702	WASHER,LOCK-SPRING,HEL NO. 1	EA	2
15	18	XBOZZ	6105-00-763-4713	SJA324	82647	PROTECTOR,THERMAL OVERLOAD	EA	1
15	19	XBOZZ		MYH57WO	92702	HOUSING,THERMAL OVERLOAD PROTECTOR	EA	1
15	20	PAOZZ		91-19-14	92702	SCREW,MACH.,RD HD,NO. 8-32 X 7/8 LG	EA	4
15	21	PAOZZ		92-3	92702	WASHER,LOCK,INTERNAL TEETH NO. 8	EA	4



ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
15	22	XBOZZ		65-283-1	92702	HOUSING, THERMAL OVERLOAD PROTECTOR	EA	1
15	23	XBOZZ	6105-00-736-4640	MYJ42WX	82647	PROTECTOR, THERMAL OVERLOAD	EA	1
15	24	XBOZZ		3645B8-28	92702	END BELL, FRONT	EA	1
15	25	XBOZZ		91-18-11	92702	BOLT, THROUGH, RD HD, NO. 8-32 X 6-1/8 LG	EA	4
15	26	XBOZZ		SR6P3-4	28520	BUSHING, STRAIN RELIEF	EA	1
15	27	XBOZZ	5970-00-451-8372	7910-3-5	92702	CABLE	EA	1
15	28	PAOZZ	5935-00-688-4026	MS3057-8A	96906	CLAMP, CABLE	EA	1
15	29	PAOZZ	5935-00-815-1136	MS3106R16S1P	96906	CONNECTOR, ELECTRICAL	EA	1
15	30	XBOZZ		4146B6-1	92702	ROTOR, MOTOR	EA	1

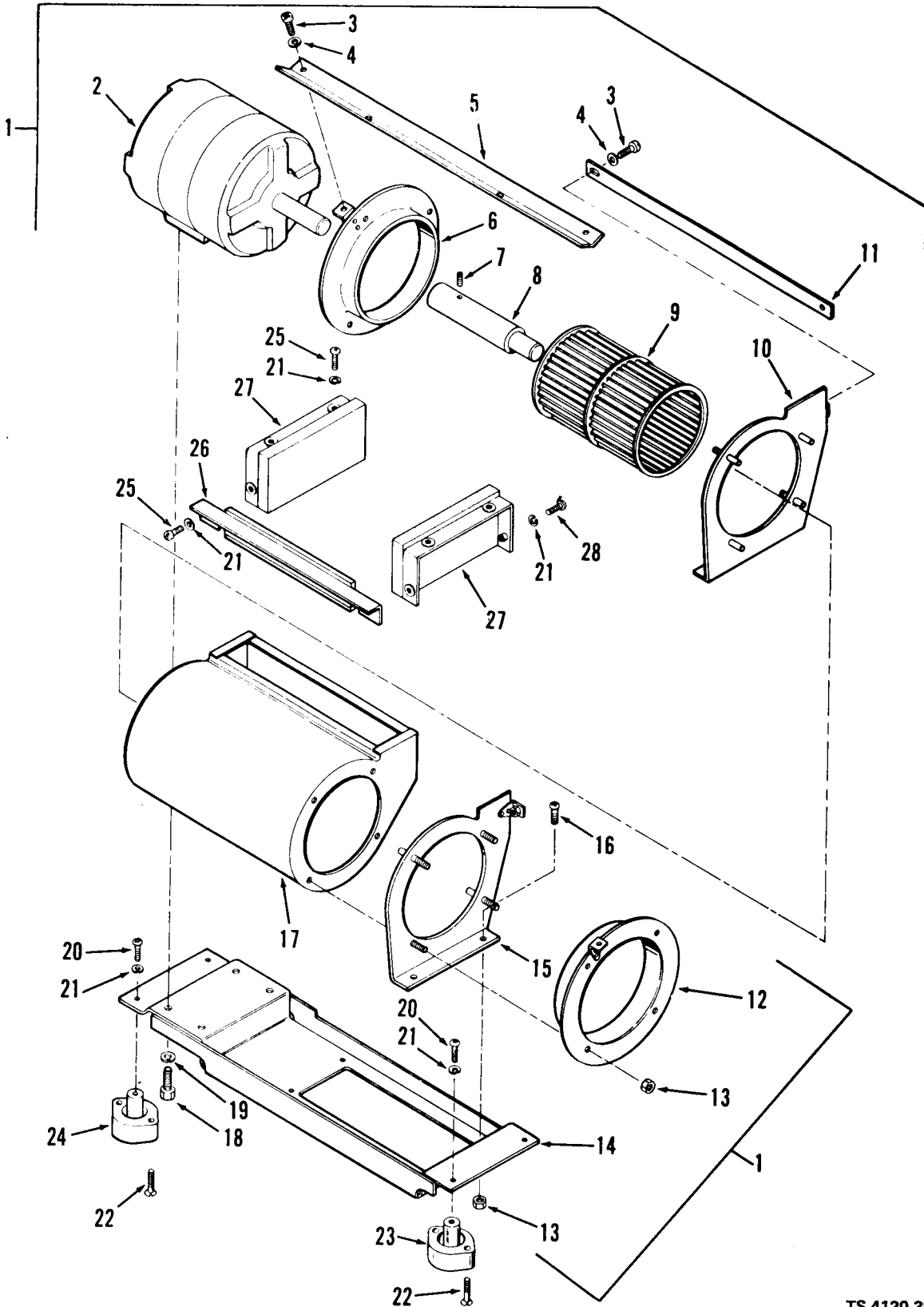
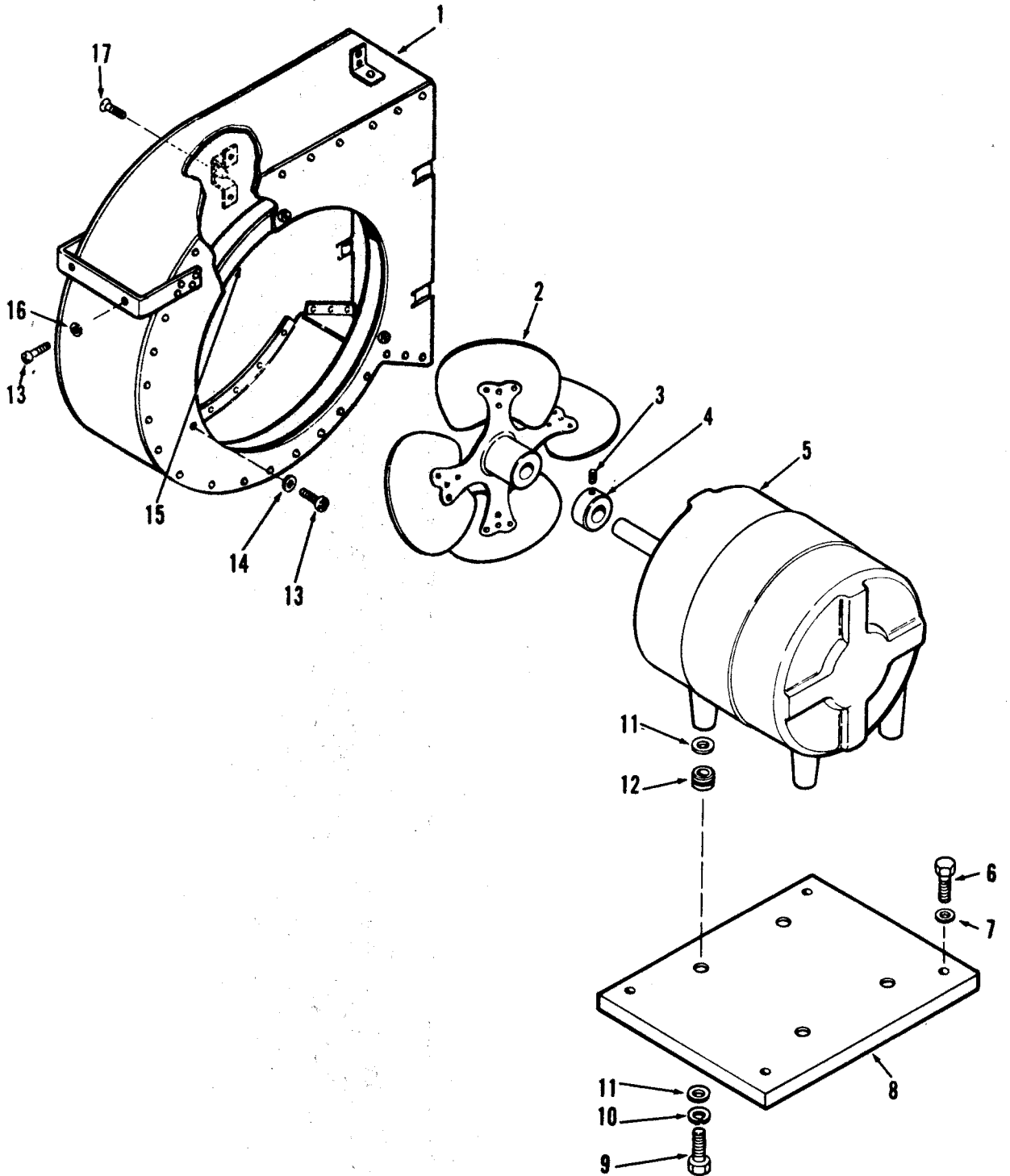


Figure 16. Electric Motors - Evaporator Fan Assembly

TS 4120-352-24P/16

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
16	1	PAOZZ		13218E7527	97403	FAN ASSEMBLY, EVAPORATOR, 208 VOLT, THREE PHASE, 60 HERTZ CONSISTING OF:	EA	1
16	2	PAOZZ	6105-00-192-7598	13216E6140-3	97403	MOTOR, ALTERNATING CURRENT, SEE FIGURE 15	EA	1
16	3	PAOZZ	5305-00-889-3001	MS35206-231	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 6-32UNC2A X 5/8 LG	EA	4
16	4	PAOZZ	5310-00-082-1404	MS27183-6	96906	WASHER, FLAT RD, CS, CAD PL, .156 ID X .375 OD X .049 THK	EA	3
16	5	XBOZZ		13216E6149-2	97403	STRAP, FAN, CENTRIFUGAL	EA	1
16	6	XBOZZ		13216E5915	97403	INLET, FAN, CENTRIFUGAL	EA	1
16	7	PAOZZ		MS18065-14	96906	SETSCREW, HEX SOC, FP, 250°F, SELF LKG, CAD PL, 1/4-28UNF2A X 1/4 LG	EA	1
16	8	XBOZZ		13216E6142-2	97403	SHAFT, EVAPORATOR FAN AND MOTOR	EA	1
16	9	PAOZZ	4140-00-448-3228	13216E5909	97403	IMPELLER, FAN, CENTRIFUGAL	EA	1
16	10	XBOZZ		13216E5913	97403	FLANGE, FAN, CENTRIFUGAL	EA	1
16	11	XBOZZ		13216E6150-2	97403	STRAP, FAN, CENTRIFUGAL	EA	1
16	12	XBOZZ		13216E5914	97403	INLET, FAN, CENTRIFUGAL	EA	1
16	13	PAOZZ	5310-00-811-3494	MS21044N08	96906	NUT, SELF LKG, HEX, REG HGT, 250°F, CAD PL, NO. 8-32UNC3B	EA	12
16	14	XBOZZ		13216E5908	97403	BASE, EVAPORATOR FAN AND MOTOR	EA	1
16	15	XBOZZ		13216E5912	97403	FLANGE, FAN, CENTRIFUGAL	EA	1
16	16	PAOZZ	5305-00-063-3503	MS24693S50	96906	SCREW, MACH, FLAT CSK HD, 100° CROSS REC, CS, CAD PL, NO. 8-32UNC2A X 1/2 LG	EA	4
16	17	XBOZZ		13216E5911	97403	HOUSING, FAN, CENTRIFUGAL	EA	1
16	18	PAOZZ	5305-00-068-0505	MS90726-5	96906	SCREW, CAP, HEX HD, MED CS, CAD PL, 1/4-28UNF-2A X 5/8 LG	EA	4
16	19	PAOZZ	5310-00-582-5965	MS35338-44	96906	WASHER, LOCK-SPRING, HELICAL REG SER, CS, CAD PL, 1/4 NOM SIZE	EA	4
16	20	PAOZZ	5305-00-978-9371	MS16997-33	96906	SCREW, CAP, SOC HD, HEX, ALY STL, CAD PL, NO. 8-32UNC 3A X 5/8 LG	EA	4
16	21	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING, HELICAL REG SER, CS, CAD PL, NO. 8 NOM SIZE	EA	12
16	22	PAOZZ	5305-00-063-3503	MS24693S50	96906	SCREW, FLAT, CSK HD, 100°, CROSS REC, CS, CAD PL, NO. 8-32UNC2A X .500 LG	EA	8

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG NO	ITEM NO							
16	23	PBOZZ		13216E6115-3	97403	MOUNT,RESILIENT,3 LB	EA	2
16	24	PBOZZ		13216E6115-6	97403	MOUNT,RESILIENT,7 LB	EA	2
16	25	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW,MACH-PAN HD,CROSS REC, CS,CAD PL,NO. 8-32UNC2A X 5/8 LG	EA	6
16	26	XBOZZ		13216E5896	97403	BRACKET	EA	1
16	27	XBOZZ		13216E6116-2	97403	BRACKET,3.50 LG	EA	2
16	28	PAOZZ	5305-00-984-6195	MS35206-247	96906	SCREW,MACH-PAN HD,CROSS REC,CS CAD PL,NO. 8-32UNC2A X 3/4 LG	EA	2



TS 4120-352-24P/17

Figure 17. Electric Motors - Condenser Fan and Motor

ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
17	1	XBOZZ		13216E5905	97403	HOUSING, FAN, AXIAL	EA	1
17	2	PBOZZ	4140-01-030-7480	13216E5906	97403	IMPELLER, FAN, AXIAL	EA	1
17	3	PAOZZ	5305-01-005-4394	MS18065-14	96906	SETScrew HEX SOC, FLAT PT, 250°F, SELF-LKG, STL, CAD PL, 1/4-28UNF3A X 1/4 LG	EA	1
17	4	XBOZZ	3040-00-613-5474	13216E6134	97403	COLLAR	EA	1
17	5	PAOFZ	6105-00-192-7598	13216E6140-3	97403	MOTOR, ALTERNATING CURRENT, 208 VAC, SEE FIGURE 15	EA	1
17	6	PAOZZ	5305-00-267-8975	MS90726-9	96906	SCREW, CAP, HEXAGON HEAD, STL, GRADE 5, CAD PL, 1/4-28 UNF2A X 1-1/8 LG	EA	4
17	7	PAOZZ	5310-00-809-4058	MS27183-10	96906	WASHER, FL-RD, CS, CAD PL, .281 ID X .625 OD X .065 THK, BSC SIZE	EA	4
17	8	XBOZZ		13216E6129	97403	PLATE, MOTOR MOUNTING	EA	1
17	9	PAOZZ	5305-00-267-8974	MS90726-8	96906	SCREW, CAP HEX HD, MED, CS, CAD PL, 1/4-28UNF2A X 1 LG	EA	4
17	10	PAOZZ	5310-00-582-5965	MS35338-44	96906	WASHER, LOCK-SPRING, HEL, CS CAD PL, 1/4 NOM SIZE	EA	4
17	11	PAOZZ	5310-00-256-5479	13216E6138-1	97403	WASHER, .62 OD	EA	8
17	12	XBOZZ		13216E6131-3	97403	BUSHING, .257 ID	EA	4
17	13	PAOZZ	5305-00-984-6193	MS35206-245	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 8-32UNC2A X 1/2 LG	EA	5
17	14	PAOZZ	5310-00-821-2366	13214E3469	97403	WASHER, FLAT, RD	EA	3
17	15	XBOZZ		13216E5917	97403	INLET, FAN, AXIAL	EA	1
17	16	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING, HELICAL REG SER, CS, CAD PL, NO. 8 NOM SIZE	EA	2
17	17	PAOZZ	5305-00-063-3503	MS24693S50	96906	SCREW, MACH, FLAT CSK HD, 100°, CROSS REC, CS, CAD PL, NO. 8-32UNC2A X 1/2 LG	EA	3

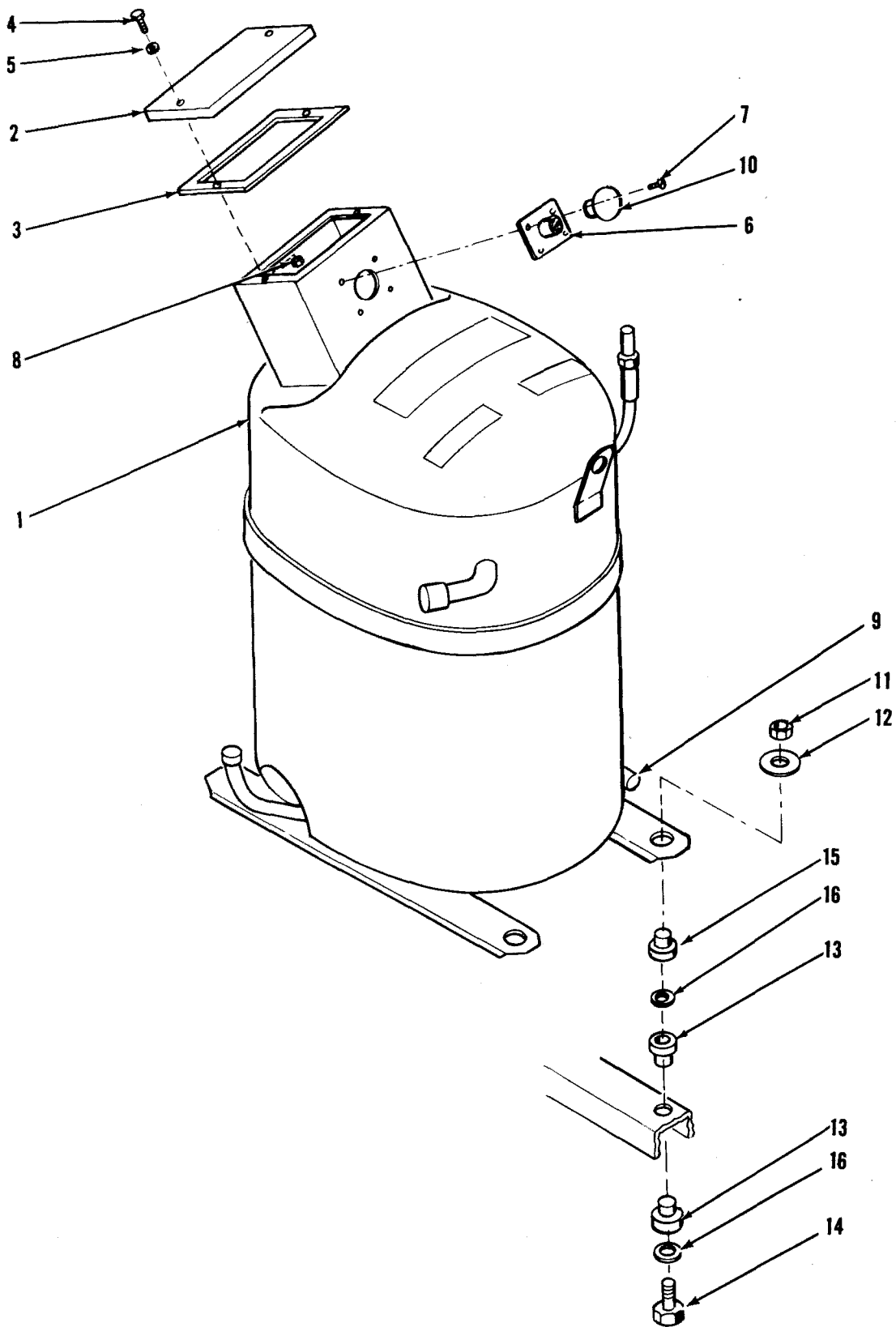
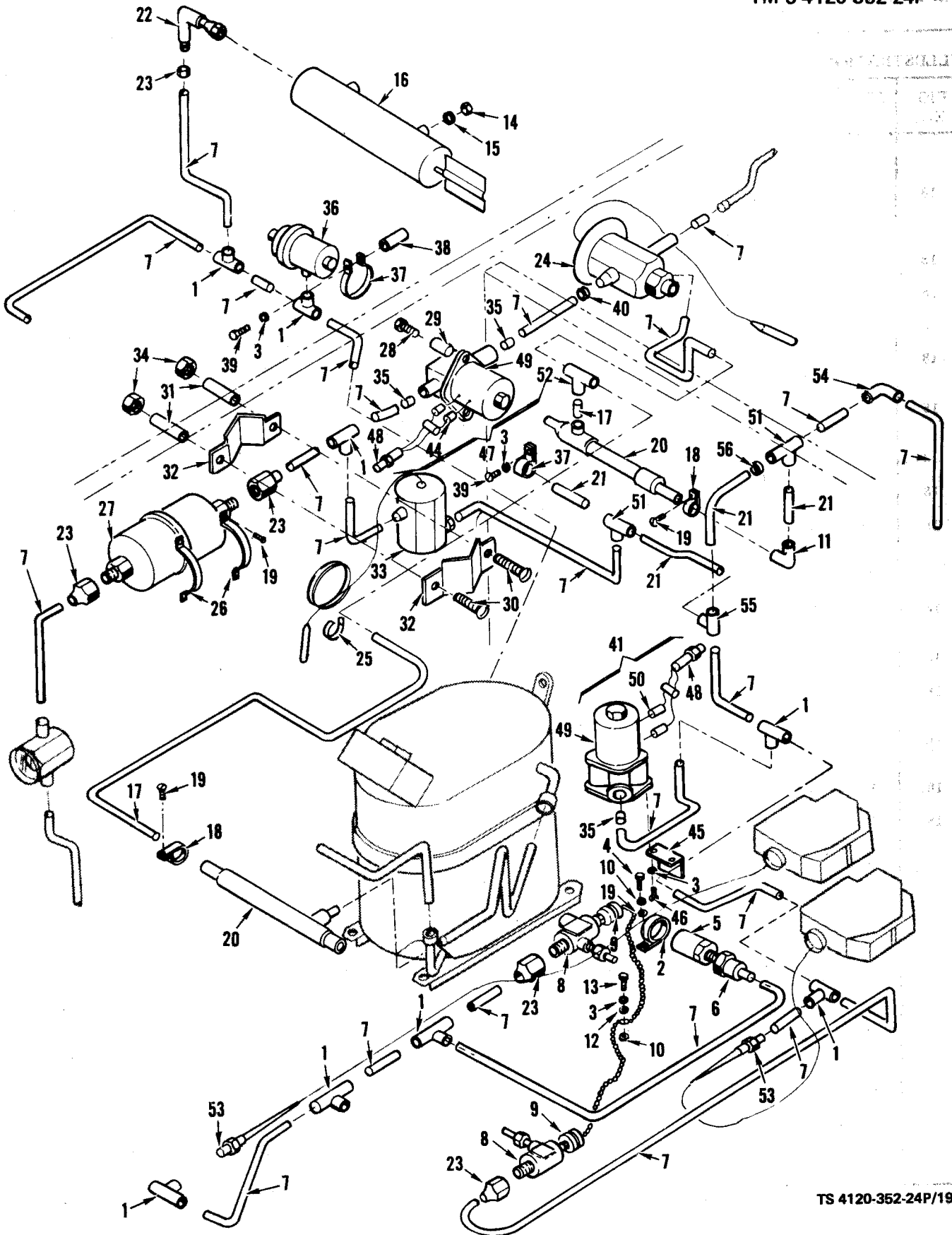


Figure 18. Refrigeration Components - Compressor and Mount

TS 4120-352-24P/18

ILLUSTRATION		TMS-4120-352-24P						
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
							USABLE ON CODE	
GROUP 07 REFRIGERATION COMPONENTS								
18	1	PAFZZ	4130-01-048-2139	13208E4182-7	97403	COMPRESSOR, ROTARY, POWER DRIVEN, 208-VOLT, 60 HERTZ, 3-PHASE, CONSISTING OF:	EA	1
18	2	XBOZZ		53-000034-002	64731	COVER, TERMINAL BOX	EA	1
18	3	PAOZZ		53-000242-000	64731	GASKET, TERMINAL BOX COVER		
18	4	PAOZZ		53-000202-000	74631	SCREW, TRUSS HD, 6-32 X 3/8 LG	EA	2
18	5	PAOZZ		MS35333-37	96906	WASHER, LOCK, FLAT, EXTERNAL TOOTH, NO. 6 NOM. SIZE	EA	2
18	6	PAOZZ		MS3102R20-15P	96906	CONNECTOR, RECEPTACLE, ELECTRIC BOX MOUNTING	EA	1
18	7	PAOZZ		53-000203-000	64731	SCREW, PAN HEAD, 4-40 X 1/2 LG	EA	4
18	8	PAOZZ		53-000259-000	64731	STOP NUT, ELASTIC, NO. 4-40	EA	4
18	9	PBOZZ		53-000125-000	64731	HEATER, 100W - 240V, CHROMALUX NO. C-205	EA	1
18	10	PAOZZ		01-004897-001	64731	GROMMET, 1/4 ID	EA	1
18	11	PAOZZ		MS51992-9	96906	NUT, SELF-LOCKING, HEX, 200°F, 5/16-24 UNF3B	EA	4
18	12	PAOZZ	5310-00-167-0767	AN970-5	81352	WASHER, FLAT, 5/16 X .063	EA	4
18	13	PAOZZ	5310-00-401-3365	13211E8170	97403	WASHER, ELASTOMER COMPOUND, ASTM D2000, TYPE BG 715-C20F17	EA	8
18	14	PAOZZ		13211E8166	97403	SCREW, SHOULDER	EA	4
18	15	XBOZZ		13216E3659	97403	SPACER	EA	4
18	16	PAOZZ		13214E3476	97403	WASHER	EA	8





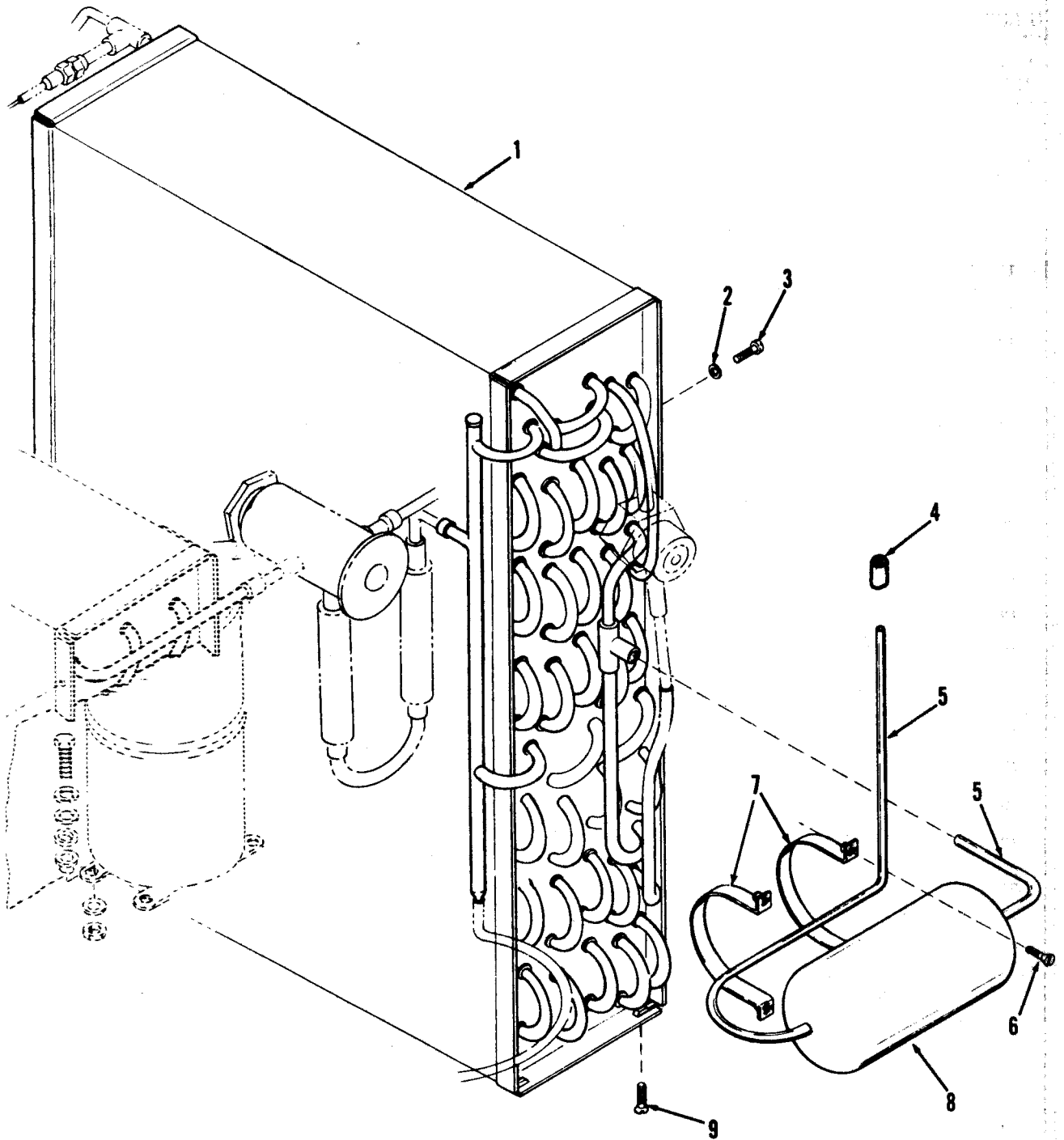
TS 4120-352-24P/19

Figure 19. Refrigeration Components - Piping

ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
19	1	PAFZZ	4730-00-263-6460	MS35929-2	96906	TEE,TUBE,STR,SOLDER JOINT, REFRIGERATION,COP,1/4 SIZE	EA	7
19	2	PAOZZ	5340-00-565-0004	MS21919DG10	96906	CLAMP,CUSHIONED,SUPPORT,LOOP-TYPE,AIRCRAFT,AL ALY,NON-FUEL RES,5/8 NOM TUBE OD	EA	1
19	3	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING, HELICAL, REG SER,CS,CAD PL,NO. 8 NOM SIZE	EA	6
19	4	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW,MACH-PAN HD,CROSS REC,CS CAD PL,NO. 8-32 UNC2A X 5/8 LG	EA	1
19	5	PAFZZ	4120-00-073-8405	13211E8369	97403	VALVE,PRESSURE RELIEF	EA	1
19	6	PAFZZ	4730-00-722-2381	13216E6170	97403	ADAPTER,STRAIGHT,PIPE TO TUBE	EA	1
19	7	PAFZZ		ASTMB280	81346	TUBE,COPPER,SEAMLESS,AIR CONDITIONING,1/4 STD SIZE X .030 WALL THK	IN	V
19	8	PBFZZ	4820-01-015-6690	13219E9499-1	97403	VALVE, SERVICE	EA	2
19	9	PBOZZ		13219E9540	97403	CAP AND CHAIN	EA	2
19	10	PAOZZ	5310-00-821-2366	13214E3469	97403	WASHER,FLAT,RD,STEEL, .200 ID X .620 OD	EA	2
19	11	PAFZZ	4730-00-818-5201	13216E6190-2	97403	ELBOW,TUBE, 3/8 NOM ID	EA	1
19	12	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT, RD, CS, CAD PL, .188 ID X .375 OD X .049 THK	EA	2
19	13	PAOZZ	5305-00-984-6195	MS35206-247	96906	SCREW,MACH,PAN HD,CROSS REC, CS,CAD PL,NO. 8-32UNC2A X 3/4 LG	EA	1
19	14	PAOZZ	5310-00-056-3395	MS35649-2252	96906	NUT,PLAIN,HEX,MACH SCREW,CS, CAD PL, 1/4-20 UNC2B	EA	2
19	15	PAOZZ	5310-00-582-5965	MS35338-44	96906	WASHER,LOCK-SPRING,HELICAL,REG SER,CS,CAD PL,1/4 NOM SIZE	EA	2
19	16	PBFZZ	4130-00-446-8043	13216E6128	97403	CYLINDER ASEMBLY,ACTUATING, LINEAR	EA	1
19	17	PAFZZ		ASTMB280	81346	TUBE,COPPER,SEAMLESS,AIR CON-DITIONING,1/2 STD SIZE .032 WALL THK	IN	V
19	18	PAOZZ	5340-00-664-8144	MS21919DH16	96906	CLAMP,CUSHIONED,SUPPORT,LOOP-TYPE,AIRCRAFT,AL ALY,HIGH TEMP, 1 NOM TUBE OD	EA	2
19	19	PAOZZ	5305-00-063-3503	MS24693S50	96906	SCREW,MACH,FLAT,CSK HD,100°, CROSS REC,CS,CAD PL, NO. 8-32 UNC2A X 1/2 LG	EA	6

ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
19	20	PAFZZ	4130-01-048-2158	13216E5921	97403	BULB WELL	EA	2
19	21	PAFZZ		ASTMB280	81346	TUBE,COPPER,SEAMLESS,AIR CON- DITIONING. 3/8 STD SIZE X .032 WALL THK	IN	V
19	22	PAFZZ	4730-00-940-7940	13216E5943	97403	ELBOW,SWIVEL NUT	EA	1
19	23	PAFZZ	4730-00-189-2737	MS35872-2	96906	FLARE NUT,REFRIGERATION,BRASS 1/4 NOM FLARE SIZE	EA	4
19	24	PAFZZ	4820-00-242-2985	13216E6160-1	97403	VALVE,EXPANSION,1 TON CAPACITY	EA	1
19	25	XBOZZ	5975-00-451-5001	MS3367-3-9	96906	STRAP,CABLE,ADJ,SELF-CLINCHING, PLASTIC,TYPE I,CLASS I,3-1/2 MAX BUNDLE DIA.	EA	4
19	26	PAOZZ	5340-01-047-2064	13216E6157-3	97403	CLAMP,MOUNTING,2.82 LG	EA	2
19	27	PAFZZ	4130-00-824-9197	13216E5918-1	97403	DEHYDRATOR,DESSICANT,REFRIGER- ANT,4.25 LG	EA	1
19	28	PAOZZ	5305-00-957-7821	MS24693S54	96906	SCREW, MACH. FLAT CSK HD, 100°, CROSS REC,CS,CAD PL, NO. 8-32 UNC2A X 1 LG	EA	2
19	29	XBOZZ		13216E6159-4	97403	POST,SPACER, .69 LG	EA	2
19	30	PAOZZ	5305-00-051-2355	MS24693S60	96906	SCREW,MACH-PAN HD,CROS-REC,CS, CAD FL,NO. 8-32 UNC2A X 1 3/4 LG	EA	2
19	31	XBOZZ		13216E6159-2	97403	POST,SPACER	EA	2
19	32	XBOZZ		13216E6162	97403	BRACKET PLATE, VALVE MOUNTING	EA	2
19	33	PAFZZ	4820-00-185-7659	13216E6174-1	97403	VALVE,EXPANSION,1/4 TON NOM CAPACITY	EA	1
19	34	PAOZZ	5310-00-889-2549	MS21045-08	96906	NUT,SELF-LOCKING,HEX,REG HGT, 450°F, NO. 8-32 UNC2A	EA	2
19	35	PAFZZ	4730-00-822-1274	13211E3799-1	97403	BUSHING,FLUSH,3/8 OD X .38 LG	EA	5
19	36	PAFZZ	4820-00-482-8087	13216E6171	97403	REGULATOR,FLUID PRESSURE	EA	1
19	37	PAOZZ	5340-00-283-0649	MS21919DG7	96906	CLAMP,CUSHIONED,SUPPORT,LOOP- TYPE,AIRCRAFT,AL ALY,NON-FUEL RES,7/16 NOM TUBE OD	EA	2
19	38	XBOZZ		13216E6159-3	97403	POST,SPACER,.41 LG	EA	1
19	39	PAOZZ	5305-00-984-6197	MS35206-249	96906	SCREW,MACH-PAN HD,CROSS REC,CS CAD PL,NO. 8-32 UNC2A X 1 LG	EA	2

ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
19	40	PAOZZ	5325-00-185-0012	MS35489-35	96906	GROMMET,RUBBER,SPLIT	EA	1
19	41	PAFZZ	4810-00-190-7941	13216E6172-1	97403	SOLENOID VALVE,WITH LEADS, CONSISTING OF:	EA	1
19	42	PAOZZ	5935-00-482-2389	13216E6173	97403	CONNECTOR,PLUG,ELEC	EA	1
19	43	PAFZZ	4810-00-493-1844	13216E6158	97403	VALVE,SOLENOID	EA	1
19	44	PAOZZ	5325-00-263-6632	MS35489-6	96906	GROMMET,RUBBER,HOT OIL AND COOL RES,3/4 GROOVE DIA, .16 GROOVE WIDTH,1/4 HOLE DIA	EA	1
19	45	XBOZZ		13216E5941	97403	BRACKET,VALVE MOUNTING	EA	1
19	46	PAOZZ	5305-00-984-6193	MS35206-245	96906	SCREW,MACH-PAN HD,CROSS REC,CS, CAD PL,NO. 8-32 UNC2A X 1/2 LG	EA	2
19	47	PAFZZ	4810-00-236-9059	13216E6172-2	97403	SOLENOID VALVE,WITH LEADS CONSISTING OF:	EA	1
19	48	PAOZZ	5935-00-482-2389	13216E6173	97403	CONNECTOR,PLUG,ELEC	EA	1
19	49	PAFZZ	4810-00-493-1844	13216E6158	97403	VALVE,SOLENOID	EA	1
19	0	PAOZZ	5325-00-263-6632	MS35489-6	96906	GROMMET,RUBBER,HOT OIL AND COOL RES,3/4 GROOVE DIA, .16 GROOVE WIDTH,1/4 HOLE DIA	EA	1
19	51	PAFZZ	4730-00-818-7778	13211E4043-6	97403	TEE,3/8 X 3/8 X 1/4 NOM SIZE	EA	2
19	52	PAFZZ	4730-00-815-5672	13211E4043-16	97403	TEE,1/2 X 1/4 X 1/2 NOM SIZE	EA	1
19	53	PAOZZ		MS35919-22	96906	ADAPTER,STRAIGHT,PIPE TO TUBE	EA	2
19	54	PAFZZ	4730-00-254-6449	13216E6190-3	97403	ELBOW,TUBE,1/2 NOM ID	EA	1
19	55	PAFZZ	4730-00-815-5664	13211E4043-7	97403	TEE,3/8 X 1/4 X 3/8 NOM SIZE	EA	1
19	56	PAOZZ	5325-00-185-0004	MS35489-40	96906	GROMMET,RUBBER,SPLIT	EA	1



TS 4120-352-24P/20

Figure 20. Refrigeration Components - Condenser Coil and Receiver

ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
20	1	PAFZZ	4130-00-188-1705	13216E5904	97403	COIL,CONDENSER WITH ANGLE	EA	1
20	2	PAOZZ	5310-00-045-3296	MS35338-43	96906	WASHER,LOCK-SPRING,HELICAL, CS,CAD PL,NO. 10 NOM SIZE	EA	4
20	3	PAOZZ	5305-00-989-7435	MS35207-264	96906	SCREW,MACH-PAN HD,CROSS-REC, CS,DAC PL,NO. 10-32UNF2A X 5/8 LG	EA	4
20	4	PAFZZ	4730-00-264-9151	MS35927-2	96906	COUPLING,TUBE,WITH STUD,SOLDER JOINT,REF	EA	1
20	5	PAFZZ		ASTMB280	81346	TUBE,COP,SEAMLESS,AIR CONDI- TIONER,1/4 STD SIZE X .030 WALL THK	IN	V
20	6	PAOZZ	5305-00-063-3503	MS24693S50	96906	SCREW,MACH,FLAT,CSK HD, 100°, CROSS REC,CS,CAD PL, NO. 8-32UNC2A X 1/2 LG	EA	4
20	7	PAOZZ		13216E6157-4	97403	CLAMP,MOUNTING,3.42 LG	EA	2
20	8	XBFZZ		13216E6163-1	97403	RECEIVER,LIQUID REFRIGERANT, 4.50 LG	EA	1
20	9	PAOZZ	5305-00-063-3503	MS24693S50	96906	SCREW,MACH,FLAT CSK HD,100°, CROSS REC,CS,CAD PL, NO. 8-32UNC2A X 1/2 LG	EA	4

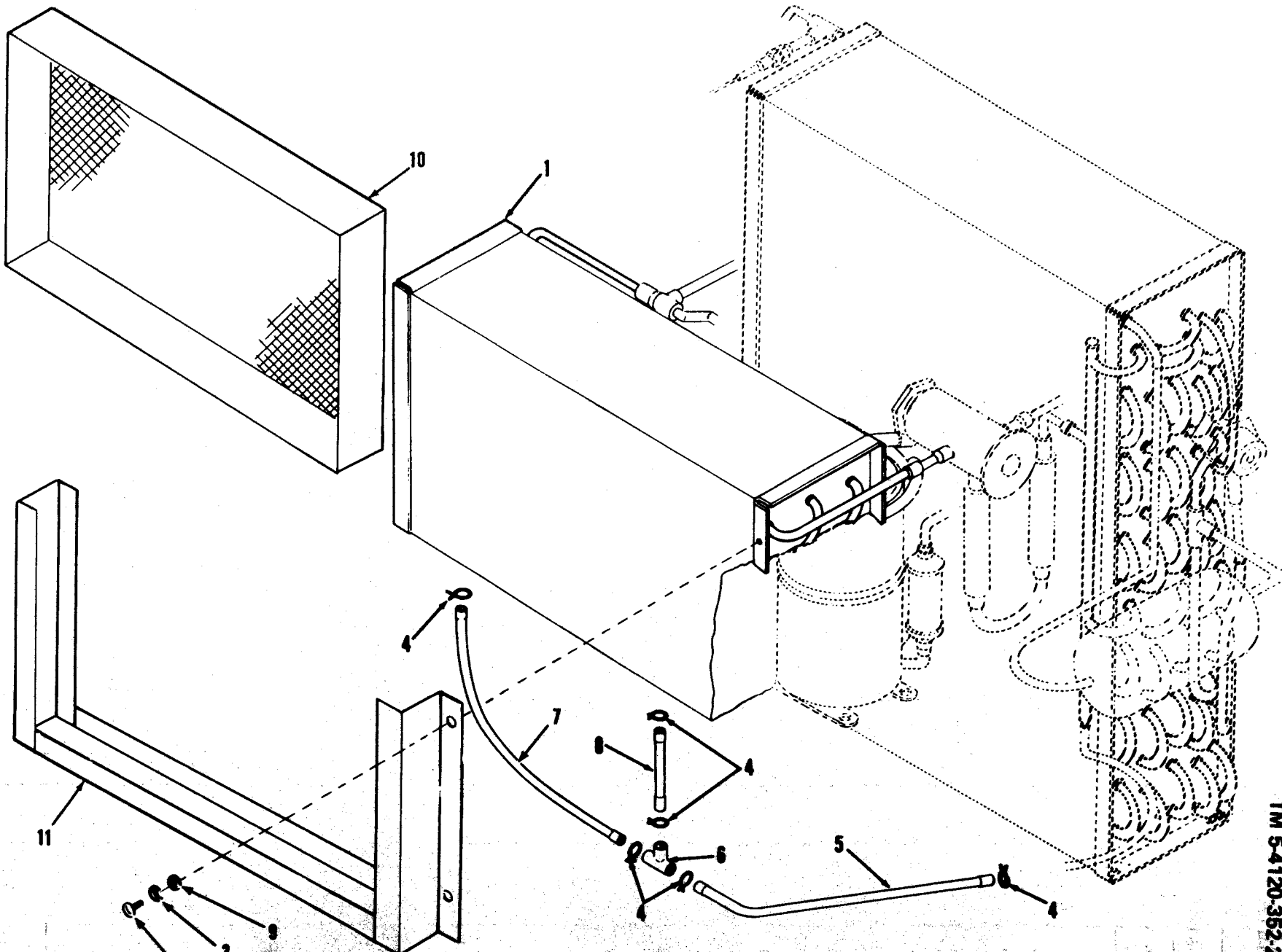


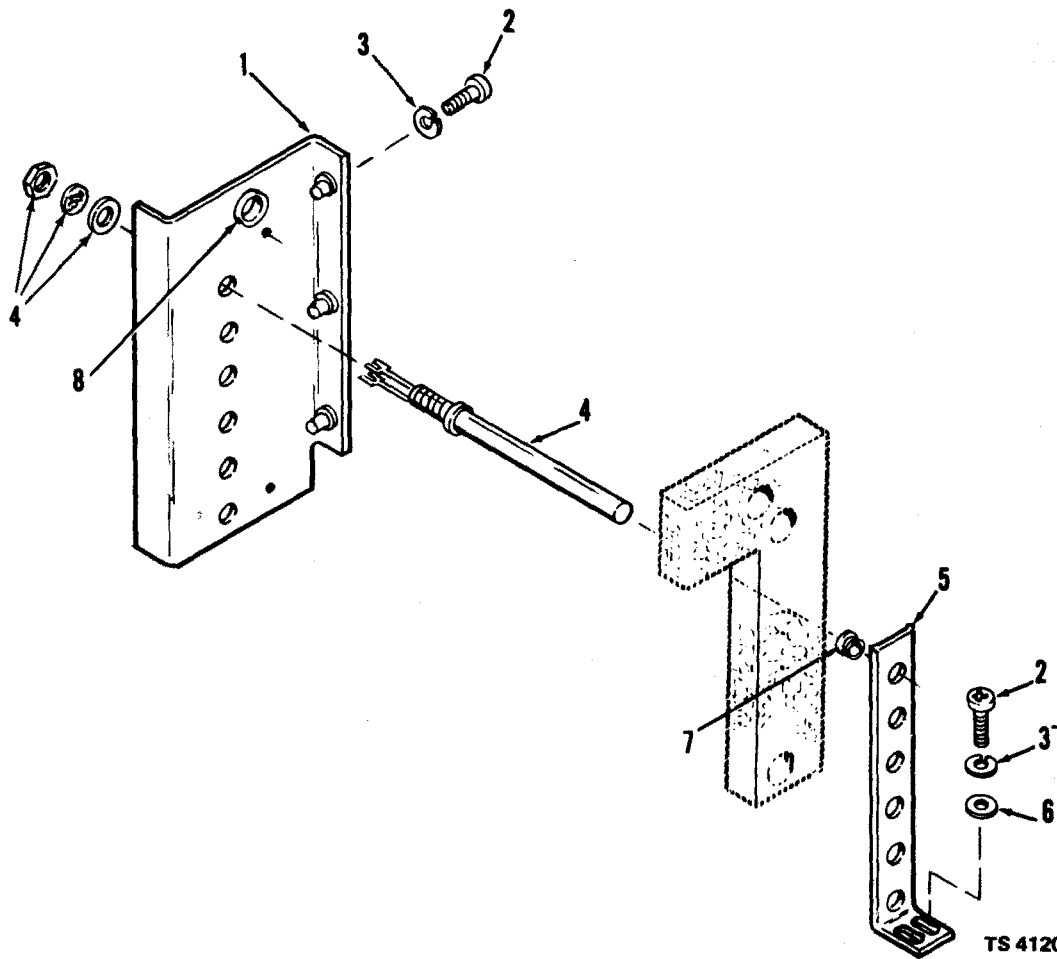
Figure 21. Refrigeration Components — Evaporator Coil and Drain

TS 4120-352-249/21

TM 5-4120-352-249

ILLUSTRATION		TMS-4120-352-24P					U/M	QTY
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	INC IN UNIT
21	1	PAFZZ	4130-00-446-8044	13216E5897	97403	COIL, EVAPORATOR, WITH ANGLE	EA	1
21	2	PAOZZ	5305-00-984-6195	MS35206-247	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 8-32UNC2AX 3/4 LG	EA	6
21	3	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING, HELICAL, CS, CAD PL, NO. 8 NOM SIZE	EA	6
21	4	PAOZZ	4730-00-202-7757	WW-C-440	81348	CLAMP, HOSE, SPRING, SELF-TIGHTENING, STL, CAD PL, 7/16 NOM SIZE	EA	6
21	5	XFBZZ	9330-00-445-7018	13216E6151-4	97403	TUBING, FLEXIBLE, .500 OD WALL X 10.00 LG	EA	1
21	6	PAFZZ	4730-00-257-2163	MS35929-2	96906	TEE, TUBE, STRAIGHT, SOLDER JOINT, REFRIGERATION, COP, 1/4 SIZE	EA	1
21	7	XFBZZ	9330-00-445-7017	13216E6151-5	97403	TUBING, FLEXIBLE, .500 OD X .094 WALL X 10.75 LG	EA	1
21	8	XFBZZ	9330-00-445-7019	13216E6151-1	97403	TUBING, FLEXIBLE, .500 OD X .094 WALL X 2 LG	EA	1
21	9	PAOZZ	5310-00-765-3197	MS27183-41	96906	WASHER, FLAT, RD, STL, CAD PL NO. 8	EA	6
21	10	PBOZZ	4130-01-031-4620	13220E1352	97403	MIST ELIMINATOR	EA	1
21	11	XBOZZ		13220E1145	97403	HOLDER, MIST ELIMINATOR	EA	1





TS 4120-352-24P/22

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
FIG. NO.	ITEM NO.							
						Usable On Code		
22	1	XBOZZ		13216E5899	97403	GROUP 08 HEATING ELEMENTS MOUNTING BRACKET, HEATER	EA	1
22	2	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACH-PAN HD, CROSS REC, CS, CAD PL, NO. 8-32UNC2A X 5/8 LG	EA	5
22	3	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK-SPRING, HELICAL, CS, CAD PL, NO. 8 NOM SIZE	EA	5
22	4	PBOZZ	4540-00-444-7116	13216 E6124-2	97403	HEATING ELEMENT, ELECTRICAL, 120-VOLT	EA	6
22	5	XBOZZ		13216 E5902	97403	SUPPORT, HEATER	EA	1
22	6	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT-RD, CS, CAD PL, .188 ID X .375 OD X .049 THK, BSC SIZE	EA	2
22	7	PAOZZ	5325-01-005-2361	13219E2889-1	97403	GROMMET, RUBBER	EA	6
22	8	PAOZZ	5325-00-174-5317	MS35490-4	96906	GROMMET, RUBBER, SPLIT, 1/16 GROOVE W X 5/16 GROOVE DIA X 3/16 HOLE DIA	EA	1

Figure 22. Heating Elements

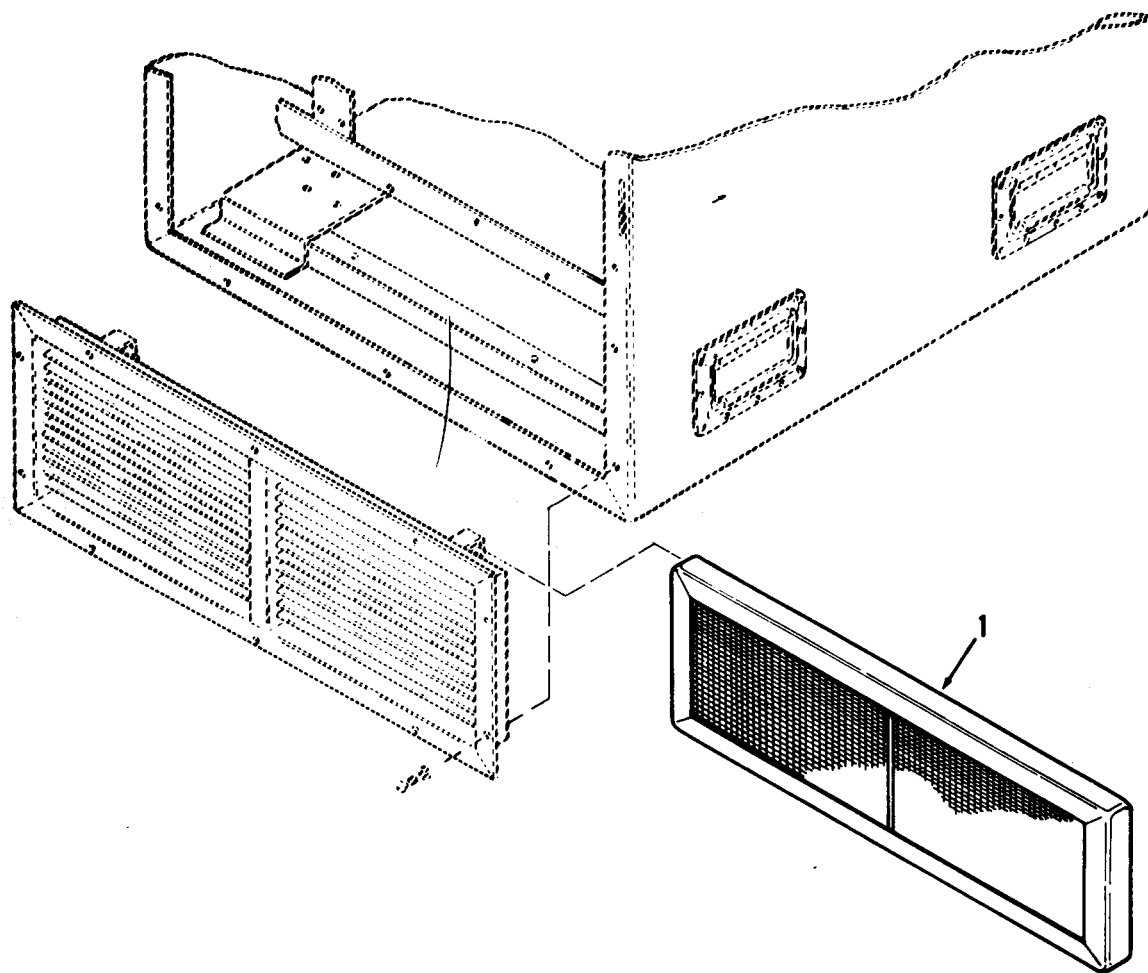


ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION Usable On Code	U/M	QTY INC IN UNIT
FIG. NO.	ITEM NO.							
23	1	PA0ZZ	130-00-469-7686	13216E6081-2	97403	GROUP 09 AIR FILTER FILTER, AIR CONDITIONING	EA	1

Figure 23. Air Filter

SECTION IV NATIONAL STOCK NUMBER AND REFERENCE NUMBER	STOCK NUMBER	INDEX	STOCK NUMBER	INDEX
	FIG NO	ITEM NO	FIG NO	ITEM NO
5325-01-005-2361	22	7	5310-00-045-4007	11 5
5305-01-005-3186	15	8	5340-01-047-2064	19 26
5325-01-005-4098	11	3	4130-01-048-2139	18 1
5305-01-005-4394	17	3	4130-01-048-2158	19 20
5945-00-007-7669	8	32	4130-01-048-5563	7
4820-01-015-6690	19	8	5305-00-051-2355	19 30
5305-01-025-5771	13	17	5355-00-051-9146	7 29
4130-01-028-6816	1	25	5310-00-056-3395	19 14
4130-01-028-6817	1	22	5305-00-063-3503	7 4
4140-01-030-7480	17	2		9 1
4130-01-031-4620	21	10		16 16
6150-01-033-8700	7	39		16 22
5910-01-034-9282	6	11		17 17
5905-01-040-7881	6	12		19 19
5305-00-040-9858	15	16		20 6
5340-01-042-5759	3	27		20 9
5310-00-045-3296	13	13	5310-00-068-0054	3 23
	20	2	5305-00-068-0505	16 18
5310-00-045-3299	1	26	4120-00-073-8406	19 5
	3	2	5330-00-079-7840	13 19
	4	2	5310-00-081-8087	3 10
	6	2		7 12
	7	62		8 4
	8	29		12 29
	13	24	5310-00-082-1404	16 4
	13	35	5910-00-099-0541	6 9
	14	3	5340-00-106-0553	8 13
	16	21	5975-00-133-8696	6 13
	17	16	5940-00-143-4771	12 11
	19	3	5940-00-143-4774	7 58
	21	3		9 3
	22	3		9 9
5310-00-045-4007	9	6		9 14
	10	4		9 18

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG NO	ITEM NO
5940-00-143-4774	12	7	4730-00-257-2163	21	6
5940-00-143-4775	12	6	4730-00-263-6460	19	1
5940-00-143-4780	12	10	5325-00-263-6632	19	44
5940-00-143-4794	12	12		19	50
5940-00-150-4682	7	56	4730-00-264-9151	20	4
5310-00-167-0767	18	12	5305-00-267-8974	17	9
5310-00-167-0832	8	34	5305-00-267-9875	17	6
5325-00-174-5317	22	8	5305-00-269-2807	3	31
9905-00-183-6612	5	7	5325-00-276-4946	4	6
9905-00-183-6658	8	21	5325-00-276-4953	4	7
9905-00-183-6659	8	22	5340-00-283-0649	19	37
9905-00-183-6664	5	8	5325-00-286-6047	7	27
5325-00-185-0004	19	56	5345-00-286-7034	4	5
5325-00-185-0012	7	23	5330-00-331-2557	1	1
	19	40	5930-00-357-6090	9	11
4820-00-185-7659	19	33	5310-00-401-3365	18	13
4130-00-188-1705	20	1	5925-00-406-9653	8	27
4730-00-189-2737	19	23	5940-00-432-2660	7	53
4810-00-190-7941	19	41	7690-00-432-7502	15	15
5930-00-190-8729	11	4	4540-00-444-7116	22	4
5930-00-190-8730	11	2	9330-00-445-7017	21	7
5940-00-191-3215	6	8	9330-00-445-7018	21	5
6105-00-192-7598	15		9330-00-445-7019	21	8
	16	2	4130-00-446-8043	19	16
	17	5	4130-00-446-8044	21	1
4730-00-202-7757	21	4	4130-00-448-3227	3	4
5325-00-231-6589	4	8	4140-00-448-3228	16	9
5925-00-236-2349	7	17	5975-00-451-5001	19	25
5930-00-236-2351	7	16	5970-00-451-8372	15	27
4810-00-236-9059	19	47	5305-00-460-4589	7	10
4830-00-242-2985	19	24	4130-00-469-7686	23	1
5325-00-248-6694	1	29	5355-00-470-1698	7	21
4730-00-254-6449	19	54	6105-00-476-6769	15	14
5310-00-256-5479	17	11	5310-00-477-0294	15	12

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG NO	ITEM NO
5310-00-477-0295	15	9	5940-00-578-5482	13	33
5310-00-477-0345	15	17	6145-00-578-6602	7	50
5935-00-482-2384	12	13		12	12
5930-00-482-2385	7	15	6145-00-578-6605	7	32
5930-00-482-2386	10	3		7	35
5935-00-482-2387	12	17		7	38
5935-00-482-2388	7	55		7	51
5935-00-482-2389	19	42		9	4
	19	48		9	10
5935-00-482-2390	12	21		9	15
5935-00-482-2392	12	15		9	19
5935-00-482-2393	12	14		12	8
5945-00-482-5770	8	1	6145-00-578-7514	7	52
5930-00-482-5774	7	14		12	5
5930-00-482-5780	10	1		13	3
4810-00-493-1844	19	43		13	9
	19	49	5310-00-582-5965	12	28
5935-00-500-5008	8	24		16	19
5330-00-508-0753	8	20		17	10
5310-00-515-8058	15	3		19	15
5310-00-543-2410	13	20	5340-00-598-0597	13	14
5340-00-543-4394	7	63	3040-00-613-5474	17	4
5945-00-549-6348	8	5	5310-00-616-2589	2	12
5355-00-556-0145	7	28	5340-00-664-8144	19	18
5940-00-557-1629	6	4	5340-00-682-1617	13	23
	7	41	5935-00-688-4026	15	28
	7	45	5961-00-689-3166	6	10
	7	57	4730-00-722-2381	19	6
	12	9	5935-00-725-4153	13	8
5310-00-559-0070	7	2	5340-00-726-9819	3	1
5340-00-565-0004	19	2	5310-00-728-5519	2	5
5340-00-565-0011	7	60	6105-00-736-4640	15	23
5310-00-566-9504	3	31	6105-00-763-4713	15	18
6150-00-577-7050	13	1	5310-00-765-3197	21	9

TM5-4120-352-24P

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG NO	ITEM NO
5305-00-775-9548	15	11	6145-00-851-8505	6	6
5305-00-808-7832	12	26		7	42
5310-00-809-4058	17	7		7	46
5310-00-809-8544	7	3		7	49
	8	7		12	4
	13	31		13	6
	19	12	5310-00-855-1205	1	19
	22	6	5305-00-865-3895	7	20
5310-00-811-3494	8	10	5310-00-865-9818	2	4
	16	13	5310-00-877-5797	3	24
5310-00-811-6419	8	18		8	15
5940-00-813-0698	12	3	5310-00-889-2549	19	34
5935-00-815-1136	15	29	5305-00-889-3000	10	5
4730-00-815-5664	19	55	5305-00-889-3001	16	3
4730-00-815-5672	19	52	5975-00-906-2414	13	16
5935-00-816-8645	13	2	5999-00-914-2318	7	31
5935-00-816-8646	13	5		7	34
4730-00-818-5201	19	11		7	37
4730-00-818-7778	19	51		7	54
5310-00-821-2366	4	3		9	8
	17	14		9	13
	19	10		9	20
4730-00-822-1274	19	36		12	18
5310-00-823-8804	8	14	3110-00-915-4933	15	7
4130-00-824-9197	19	27	5310-00-917-6365	8	6
5940-00-836-0358	12	19	5310-00-917-8592	3	21
5305-00-837-3343	7	7	2590-00-923-8544	1	20
	8	28	5340-00-923-8544	3	5
	11	1	6680-00-929-6667	14	2
5935-00-838-3860	12	2	5320-00-932-1972	5	2
	13	11	5310-00-934-9739	13	21
5935-00-849-1713	10	2	5310-00-934-9757	3	16
5305-00-851-2287	7	22		7	1
4130-00-851-8110	15	7		8	30

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG NO	ITEM NO
5310-00-934-9757	13	36	5305-00-984-6193	8	8
5310-00-934-9758	13	12		17	13
5310-00-934-9759	13	22		19	46
4730-00-940-7940	19	22	5305-00-984-6194	1	27
5940-00-948-9686	6	5		3	3
	7	40		6	3
	7	44		8	31
	7	48		13	25
	12	20		13	34
5310-00-950-1310	8	19		16	25
5305-00-952-0759	12	27		19	4
5305-00-957-7806	8	12		22	2
5305-00-957-7817	1	11	5305-00-984-6195	4	1
5305-00-957-7820	7	9		16	28
5305-00-957-7821	8	16		19	13
	19	28		21	2
5305-00-958-6373	1	4	5305-00-984-6197	13	28
	3	26		19	39
5305-00-959-4743	7	24	5305-00-984-6202	14	4
5305-00-965-5879	3	19	5305-00-984-6211	13	15
5305-00-965-5882	3	14	5305-00-984-7530	7	61
	8	17	5305-00-989-7435	20	3
5305-00-978-9348	11	6			
5305-00-978-9371	16	20			
5310-00-981-8483	7	13			
5310-00-982-6580	1	17			
5305-00-983-6730	8	25			
5310-00-983-8483	7	8			
	7	19			
	8	3			
	12	25			
5305-00-984-4977	6	1			
5310-00-984-4992	9	5			
5305-00-984-6191	3	8			

REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO
AM3570	81343	1	3	MS21919G14	96906	8	13	MS25036-108	96906	12	10
	81343	2	17	MS21919DG2	96906	7	60	MS25036-112	96906	12	12
AN960-6L	88044	8	34	MS21919DG3	96906	3	1	MS25036-149	96906	6	4
AN960-8	88044	15	2	MS21919DG6	96906	7	63		96906	7	41
AN970-5	81352	18	12	MS21919DG7	96906	19	37		96906	7	45
ASTMB280	81346	19	7	MS21919DG8	96906	13	14		96906	7	57
	81346	19	17	MS21919DH16	96906	19	18		96906	12	9
	81346	19	21	MS2419-D2	96906	8	5	MS25036-153	96906	7	58
	81346	20	5	MS24693-S26	96906	1	11		96906	9	3
CN33	92219	15	13	MS24693S273	96906	8	12		96906	9	9
MIL-P-514	81349	5	1	MS24693S275	96906	3	19		96906	9	14
MS16997-20	96906	11	6	MS24693S28	96906	7	7		96906	9	18
MS16997-33	96906	16	20		96906	8	28		96906	12	7
MS17143-13	96906	12	19		96909	11	1	MS25036-156	96906	12	6
MS17143-15	96906	12	24	MS24693S29	96906	12	26	MS25043-18D	96909	8	24
MS18065-14	96906	16	7	MS24693S31	96906	7	9		96906	13	18
	96906	17	3	MS24693S5	96906	7	24	MS25167PIB	96906	7	29
MS20470AD3	96906	2	6	MS24693S50	96906	7	4	MS27130-S14	96906	3	21
MS21042-04	96906	8	18		96906	9	1	MS27130-S14K	96906	1	6
MS21044N06	96906	3	10		96906	16	16		96906	2	16
	96906	7	12		96906	16	22	MS27183-1	96906	1	17
	96906	8	4		96906	17	17	MS27183-10	96906	17	7
	96906	12	29		96906	19	19	MS27183-4	96906	8	19
MS21044N08	96906	8	10		96906	20	6	MS27183-41	96906	21	9
	96906	16	13		96906	20	9	MS27183-5	96906	7	8
MS21044N3	96906	3	24	MS24693S51	96906	1	4		96906	7	13
	96906	8	15		96906	3	26		96906	7	19
MS21045-08	96906	19	34	MS24693S52	96906	3	14		96906	8	3
MS21078-4	96906	2	5		96906	8	17		96906	12	25
MS21078-6	96906	2	8	MS24693S54	96906	8	16	MS27183-6	96906	16	4
MS21090-0621	96906	7	20		96906	19	28	MS27183-7	96906	7	3
MS21093-0619	96906	7	10	MS24693S60	96906	19	30		96906	8	7
MS21919DG10	96906	19	2	MS25036-101	96906	12	3		96906	13	31
MS21919DG12	96906	13	23	MS25036-103	96906	12	11		96906	19	12



REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO
MS27183-7	96906	22	6	MS35206-246	96906	8	31	MS35338-42	96906-21	3	
MS27183-9	96906	8	14		96906	13	25		96906	22	3
MS27980-1N	96906	1	29		96906	13	34	MS35338-43	96906	13	13
	96906	4	7		96906	16	25		96906	20	2
MS27980-6N	96906	4	6		96906	19	4	MS35338-44	96906	12	28
MS3057-8A	96906	15	28		96906	22	2		96906	16	19
MS3100R-18-11P	96906	12	2	MS35206-247	96906	4	1		96906	17	10
	96906	13	11		96906	16	28		96906	19	15
MS3102R20-15P	96906	18	6		96906	19	13	MS35489-15	96906	7	27
MS3106R16-10P	96906	10	2		96906	21	2	MS35489-35	96906	7	23
MS3106R16S1P	96906	15	29	MS35206-249	96906	13	28		96906	19	40
MS3106R18-11S	96906	13	8		96906	19	39	MS35489-40	96906	19	56
MS3106R20-15P	96906	13	2	MS35206-254	96906	14	4	MS35489-6	96906	19	44
MS3106R20-15S	96906	13	5	MS35206-264	96906	13	15		96906	19	50
MS3367-1-9	96906	6	7	MS35207-264	96906	20	3	MS35490-4	96906	22	8
	96906	12	23	MS35207-276	96906	12	27	MS35649-202	96906	13	12
	96906	13	4	MS35333-37	96906	18	5	MS35649-2252	96906	19	14
	96906	13	10	MS35338-38	96906	7	2	MS35649-242	96906	13	21
MS3367-3-9	96906	19	25	MS35338-40	96906	13	20	MS35649-282	96906	3	16
MS3367-6-9	96906	6	13	MS35338-41	96906	4	2		96906	7	1
MS35206-217	96906	13	17		96906	9	6		96906	8	30
MS35206-218	96906	8	25		96906	10	4		96906	13	22
MS35206-220	96906	6	1		96906	11	5		96906	13	36
MS35206-230	96906	10	5	MS35338-42	96906	1	26	MS35872-2	96906	19	23
MS35206-231	96906	16	3		96906	3	2	MS35919-22	96906	19	53
MS35206-232	96906	9	5		96906	6	2	MS35927-2	96906	20	4
MS35206-243	96906	3	8		96906	7	62	MS35929-2	96906	19	1
MS35206-245	96906	7	61		96906	8	29		96906	21	6
	96906	8	8		96906	13	24	MS51007-6	96906	13	19
	96906	17	13		96906	13	35	MS51023-18	96906	7	22
	96906	19	46		96906	14	3	MS51992-9	96906	18	11
MS35206-246	96906	1	27		96906	16	21	MS52000-6	96906	8	20
	96906	3	3		96906	17	16	MS75044-1	96906	3	23
	96906	6	3		96906	19	3	MS90724-29	96906	8	6

REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO
SM90726-5	96906	16	18	SJA324	82647	15	18	13216E5885-1	97403	4	5
MS90726-64	96906	3	31	SR6P3-4	28520	15	26	13216E5885-4	97403	4	9
MS90726-8	96906	17	9	WW-C-440	81340	21	4	13216E5885-5	97403	4	8
MS90726-9	96906	17	6	01-004897-001	64731	18	10	13216E5886	97403	3	7
MS91528-1K2B	96906	7	28	13208E4182-7	97403	18	1	13216E5887	97403	2	13
MYH57W0	92702	15	19	13208E8536	97403	13	16	13216E5888	97403	3	11
MYJ42WX	82647	15	23	13211E3799-1	97403	19	35	13216E5889	97403	1	10
M39014/05-2461	81349	6	9	13211E4043-16	97403	19	52	13216E5890	97403	1	12
M5036-2-20-9	81349	13	6	13211E4043-6	97403	19	51	13216E5891-1	97403	1	23
M5086-2-12-9	81349	7	52	13211E4043-7	97403	19	55	13216E5891-2	97403	1	24
	81349	12	5	13211E8166	97403	18	14	13216E5892	97403	1	21
	81349	13	3	13211E8170	97403	18	13	13216E5893	97403	1	13
	81349	13	9	13211E8369	97403	19	5	13216E5894	97403	1	16
M5086-2-16-9	81349	7	35	13214E3469	97403	17	14	13216E5896	97403	16	26
	81349	7	38		97403	19	10	13216E5897	97403	21	1
	81349	7	41		97403	4	3	13216E5899	97403	22	1
	81349	7	51	13214E3476	97403	18	16	13216E5902	97403	22	5
	81349	9	4	13214E3789	97403	5	2	13216E5904	97403	20	1
	81349	9	10	13214E3789-2	97403	2	14	13216E5905	97403	17	1
	81349	9	15	13214E3789-5	97403	1	18	13216E5906	97403	17	2
	81349	9	19	13214E3791-3	97403	2	7	13216E5908	97403	16	14
	81349	12	8	13214E3791-4	97403	2	9	13216E5909	97403	16	9
M5086-2-18-9	81349	7	50	13214E4539-4	97403	2	10	13216E5911	97403	16	17
	81349	12	22	13216E3659	97403	18	15	13216E5912	97403	16	15
M5086-2-20-9	81349	6	6	13216E3791-3	97403	1	7	13216E5913	97403	16	10
	81349	7	42	13216E5620-26	97403	2	3	13216E5915	97403	16	6
	81349	7	46	13216E5678	97403	1	31	13216E5917	97403	17	15
	81349	7	49	13216E5880	97403	1	5	13216E5918-1	97403	19	27
	81349	12	4	13216E5881	97403	1	1	13216E5919	97403	3	25
NAS1330S04K106	80205	2	4	13216E5881-6	97403	1	2	13216E5921	97403	19	20
NAS1330S04K81	96906	7	6	13216E5882	97403	1	8	13216E5922	97403	3	6
NAS1330S06K106	80205	2	13	13216E5883	97403	1	28	13216E5924	97403	9	16
NAS1330S08K106	80205	2	12	13216E5884	97403	1	30	13216E5925	97403	8	26
NAS1330S08K161	80205	2	11	13216E5885	97403	4	4	13216E5926	97403	8	23

REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO
13216E5929	97403	8	2	13216E6140-3	97403	15	0	13216E6178-1	97403	8	27
13216E5941	97403	19	45		97403	16	2	13216E6179	97403	8	21
13216E5943	97403	19	22		97403			13216E6180	97403		8
13216E6080-2	97403	1	32	13216E6142-2	97403	16	8	13216E6182-3	97403	8	32
13216E6081-2	97403	23	1	13216E6149-2	97403	16	5	13216E6184	97403	8	1
13216E6089	97403	5	7	13216E6150-2	97403	16	11	13216E6189-1	97403	7	39
13216E6090	97403	5	8		97403	16	12	13216E6189-10	97403	8	33
13216E6092-2	97403	3	20	13216E6151-1	97403	21	8	13216E6189-2	97403	7	43
13216E6093-2	97403	3	9	13216E6151-4	97403	21	5	13216E6189-3	97403	7	33
13216E6096	97403	3	12	13216E6151-5	97403	21	7	13216E6189-4	97403	7	33
	97403	3	18	13216E6152	97403	3	29	13216E6189-5	97403	7	36
13216E6098	97403	2	15	13216E6153	97403	3	28	13216E6189-6	97403	9	2
13216E6103-1	97403	1	22	13216E6155	97403	14	2	13216E6189-7	97403	9	7
13216E6103-2	97403	1	25	13216E6156	97403	14	1	13216E6189-8	97403	9	17
13216E6106-1	97403	1	19	13216E6157-3	97403	19	26	13216E6189-9	97403	9	12
13216E6107	97403	1	20	13216E6157-4	97403	20	7	13216E6190-2	97403	19	11
	97403	3	5	13216E6158	97403	19	43	13216E6190-3	97403	19	54
13216E6108-3	97403	3	4		97403	19	49	13216E6191-1	97403	6	5
	13216E610-8	97403	3	17	13216E6159-11	97403	7	59	97403	7	40
13216E6109	97403	11	3	13216E6159-2	97403	19	31	97403	7	44	
13216E6112	97403	1	15	13216E6159-3	97403	3	15	97403	7	48	
13216E6113-1	97403	1	14		97403	19	38	97403	12	20	
13216E6115-3	97403	16	23	13216E6159-4	97403	19	29	13216E6191-2	97403	7	34
13216E6115-6	97403	16	24	13	97403	7	37				
13216E6116-2	97403	16	27	13216E6162	97403	19	32	97403	7	54	
13216E6122-1	97403	2	2	1321E6163-1	97403	20	8	97403	9	8	
13216E6124-2	97403	22	4	13216E6170	97403	19	6	97403	9	13	
13216E6128	97403	19	16	13216E6171	9740	19	36	97403	9	20	
13216E6129	97403	17	8	13216E6172-1	97403	19	41	97403	12	18	
13216E6131-3	97403	17	12	13216E6172-2	97403	19	47	13216E6191-3	97403	7	53
13216E6134	97403	17	4	13216E6173	97403	19	42	13216E6192	97403	7	56
13216E6137	97403	3	27		97403	19	48	13216E6193-1	97403	12	15
13216E6138-1	97403	17	1	13216E6174-1	97403	19	33	13216E6193-2	97403	12	16
13216E6138-2	97403	3	30	13216E6177	97403	12	21	13216E6193-3	97403	12	13

REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO	REFERENCE NUMBER	MFR CODE	FIG NO	ITEM NO
13216E6193-4	97403	12	17	13218E7517	97403	5	5	7910-3-5	92702	15	27
13216E6193-5	97403	12	14	13218E7527	97403	16	1	81-123	92702	15	4
13216E6196-2	9740	7	18	13218E7529	97403	7	0	81-124	92702	15	5
13216E6197-2	97403	7	25	13218E7531	97403	5	6	91-1-6	92702	15	8
13216E6198	97403	7	5	13218E7548	97403	5	11	91-109-7	92702	15	16
13216E6199-1	97403	7	11	13219E2889-1	97403	22	7	91-11-6	92702	15	11
13216E6200	97403	7	15	13219E9499-1	97403	19	8	91-18-11	92702	15	25
13216E6201	97403	7	16	13219E9540	97403	19	9	91-19-14	92702	15	20
13216E6202	97403	7	26	13219E9552-8	97403	13	32	92-1	92702	15	12
13216E6203-1	97403	7	14	13220E1145	97403	21	11	92-2	92702	15	9
13216E6205-7	97403	7	17	13220E1352	97403	21	10	92-3	92702	15	21
13216E6207	97403	7	21	13220E5603	97403	1	9	92-44	92702	15	17
13216E6208	97403	7	47	13220E5607	97403	12	1				
13216E6209-2	97403	7	55	13220E5620	97403	2	0				
13216E6214	97403	6	8	13220E5620-46	97403	2	1				
13216E6215-1	97403	11	2	13220E6838	97403	6	12				
13216E6215-3	97403	11	4	13220E6839	97403	5	9				
13216E6217	97403	10	3	22TM82	22599	15	1				
13216E6220-1	97403	13	30	31878	32572	15	10				
13216E6221-1	97403	13	29	3645B8-14	92702	15	3				
13216E6221-3	97403	8	11	3645B8-28	92702	15	24				
13216E6221-3	97403	13	26	40	92830	15	6				
13216E6223	97403	6	10	4146B6-1	92702	15	30				
13216E6224	97403	9	11	47-41-1	92702	15	7				
13216E6225	97403	10	1	5146-6-2	92702	15	14				
13216E6228	97403	13	7	53-000034-002	64731	18	2				
13216E6230	97403	13	1	53-000125-000	64731	18	9				
13216E6232	97403	8	9	53-000202-000	74631	18	4				
13216E6232	97403	13	27	53-000203-000	64731	18	7				
13218E6957	97403	5	4	53-000242-000	64731	18	3				
13218E6958	97403	5	3	53-000259-000	64731	18	8				
13218E6959	97403	5	10	61-2264	92702	15	15				
13218E6961	97403	6	11	65-283-1	92702	15	22				
13218E7512	97403	3	22	69-651-2	30554	13	33				

By Order of the Secretary of the Army:

**BERNARD W. ROGERS**  
*General, United States Army*  
*Chief of Staff*

Official:

**J. C. PENNINGTON**  
*Brigadier General, United States Army*  
*The Adjutant General*

**Distribution:**

To be distributed in accordance with DA Form 12-25C, Organizational maintenance requirements for Environmental equipment, Air Conditioners: 9,000 BTU.



# SOMETHING WRONG WITH THIS MANUAL?

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

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE  
COA, 3<sup>rd</sup> ENGINEER BN  
FT. LEONARD WOOD MO 63108

DATE 16 DEC 74

PUBLICATION NUMBER

TM5-6115-200-20 AND P

DATE

1 APR 72

TITLE

GENERATOR SET 10 KW  
NSN 6115-00-231-7286

BE EXACT... PIN-POINT WHERE IT IS

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

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
6	2-1 a		
81		4-3	
125	line 20		

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders

Callout <sup>D</sup>16 on figure 4-3 is pointing at a <sup>A</sup>bolt. In the key to fig. 4-3, item 16 is called a <sup>S</sup>shim. Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered so the NSN is wrong. Please give me a good NSN

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE:

John Doe

DA FORM 2028-2 (TEST) 1 AUG 74

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

TEAR ALONG DOTTED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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

SOMETHING WRONG WITH PUBLICATION

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE  
NO.

PARA-  
GRAPH

FIGURE  
NO.

TABLE  
NO.

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

# 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 = 38.82 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

## Square Measure

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

## Cubic Measure

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

## Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	3.94
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	1.365	metric tons	short tons	1.102
pound-inches	newton-meters	.11375			

## Temperature (Exact)

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



**PIN: 034246-000**