

TECHNICAL MANUAL

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

FOR

**HEATER, SPACE, MULTIFUEL, WITH BLOWER,
15,000 BTU/Hit, 28VDC
(HUNTER MODEL UH-48C, TYPE IV)
NSN 4520-01-010-4059**

(HUNTER MODEL UH-48D, TYPE IV)
NSN 4520-01-069-6959

This copy is a reprint which includes current
pages from Change 1.

Change }
 No. 1 }

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 WASHINGTON, DC, 14 August 1981

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL
 SUPPORT MAINTENANCE
 REPAIR PARTS AND SPECIAL TOOLS LIST
 INCLUDING DEPOT MAINTENANCE REPAIR PARTS
 FOR
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 15,000 BTU/HR, 28VDC
 (HUNTER MODEL UH-48C, TYPE IV)
 NSN 4520-01-010-4059
 AND
 (HUNTER MODEL UH-48D, TYPE IV)
 NSN 4520-01-069-6959

TM 5-4520-240-24P, December 1977 is changed as follows:

The cover and table of contents is changed as indicated above.

By Order of the Secretary of the Army:

E.C.MEYER
General, United States Army
Chief of Staff

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Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA form 12-25C, organizational maintenance requirements for Heaters, Space: 15,000 BTU

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

**HEATER, SPACE, MULTIFUEL, WITH BLOWER, 15,000
BTU/HR, 28 VDC (HUNTER MODEL UH-48C, TYPE IV)**

NSN 4520-01-010-4059

(HUNTER MODEL UH-48D, TYPE IV) NSN 4520-01-069-6959

Current as of 11 October 1977

REPORTING ERROR 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 Publication and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, U. S. 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 and other support equipment required for operation and performance of organizational, direct support, and general support maintenance of the Heater, Space, Multifuel, with Blower, 15,000 Btu/hr, 28 vdc (Hunter Model UH-48C, Type IV).

2. General.

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

b. Section III - Special Tools List. This section is 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 numbers 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 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.

<u>Code</u>	<u>Definition</u>
MO	Item to be manufactured or fabricated at organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

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

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

<u>Code</u>	<u>Application/Explanation</u>
C	Crew or operator maintenance performed within organizational maintenance.

<u>Code</u>	<u>Application/Explanation</u>
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 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:

<u>Code</u>	<u>Application/Explanation</u>
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated specialized repair activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item may be 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 :

<u>Recoverability Codes</u>	<u>Definition</u>
z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
0	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 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 SM 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 ~~the~~ basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e. g., ea, in., pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

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

4. Special Information

The following publication pertains to the space heater and its components:

TM 5-4520-240-14 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 National Stock Number or Part Number is Known.

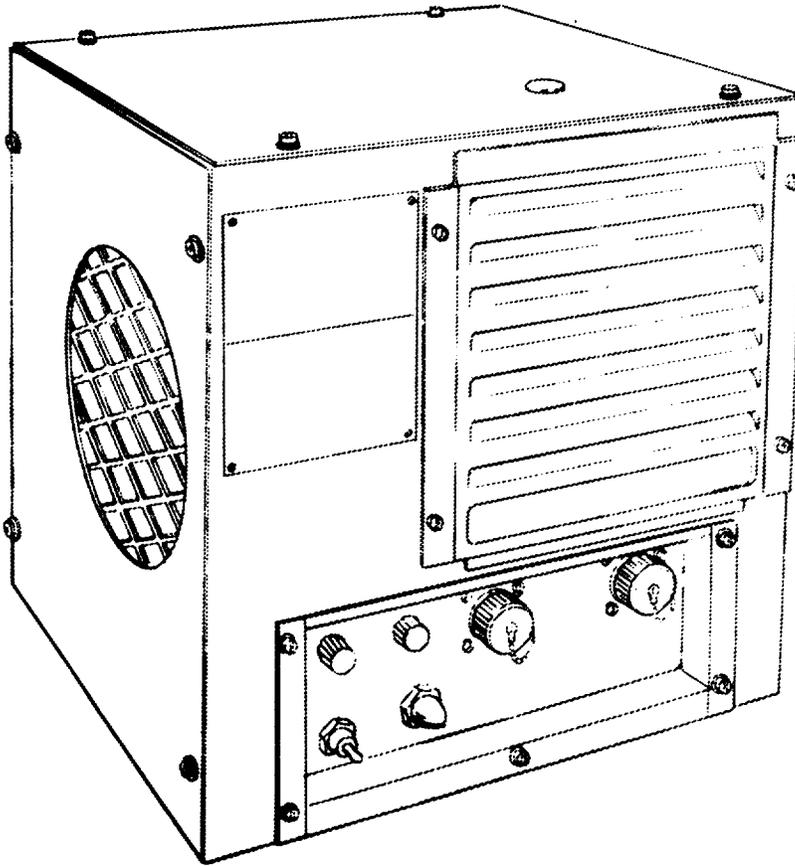
(1) **First.** Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in ascending NSN sequence followed by a list of part numbers in ascending alphanumeric sequence, cross-referenced to the illustration figure number and item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

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

6. Abbreviations,

<u>Abbreviations</u>	<u>Explanation</u>
AMP	Ampere
BLK	Black
CD PL	Cadmium plated
CL	class
CSK	Countersunk
CTD	Coated
DC	Direct current
DEG	Degree
DIA	Diameter
EA	Each
EXT	External
FILH	Fillister head
FLH	Flat head
FT	Foot

<u>Abbreviations</u>	<u>Explanation</u>
GA	Gage
GR	Grade
HD	Head
ID	Inside diameter
IN.	Inch
INTL	Internal
INTL-EXT	Internal and external
LG	Long
MFD	Micro farad
NC	National coarse thread
NEF	National extra fine thread
NF	National fine thread
NO,	Number
NOM	Nominal
NPT	National taper pipe thread
NS	National special thread
NSN	National stock number
OD	Outside diameter
PIV	Peak inverse voltage
PL	Plated
PN	Part number
PNH	Pan head
PT	Point
RBR	Rubber
RDH	Round head
SAE	Society of Automotive Engineers
SCH	Socket head
SH	Sheet
SP	Single-pole
SPDT	Single -pole double -throw
SQ	Square
STL	Steel
TBG	Tubing
THD	Thread
THK	Thick
UNC	Unified coarse thread
UNEF	Unified extra fine thread
UNF	Unified fine thread
V	volt
VDC	Direct current volts
	Watt
W	With
WHT/BLK	White with black tracer



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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	Section II. REPAIR PARTS LIST DESCRIPTION <small>Usable On Code</small>	U/M	QTY INC IN UNIT
						GROUP: 01 HEATER TAGS		
1	1	XDOZZ		48709	92878	TAG, FUEL PUMP CAUTION	EA	1
1	2	XDOZZ		48193	92878	TAG, WIRE SIZE	EA	1
1	3	XDOZZ		48183	92878	TAG, GASOLINE	EA	1

Figure 1. Heater tags

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
TMS-4520-240-24P							
GROUP: 02 HOUSING ASSEMBLY						USABLE ON CODE	
2	1	XBOZZ		S48747	92878 COVER ASSEMBLY	EA	1
2	2	PAOZZ	5325-00-282-0624	2600-3	71286 STUD ASSEMBLY: SLOTTED HD, 1/4 IN. DIA, PER MIL-P-5591	EA	4
2	3	PAOZZ	5310-00-337-8329	2600LW	71286 WASHER, LOCK: INTL TOOTH, 0.228 IN. ID, 0.470 IN. OD, 0.060 IN. THK	EA	4
2	4	PAOZZ	5340-00-205-5244	SS48152	61864 PLUG, BUTION	EA	1
2	5	XAOZZ		48738	92878 COVER	EA	1
2	6	XBOZZ		S48746	92878 COVER ASSEMBLY	EA	1
2	7	PAOZZ	5325-00-282-0624	2600-3	71286 STUD ASSEMBLY: SLOTTED HD, 1/4 IN. DIA, PER MIL-P-5591	EA	4
--	8	PAOZZ	5310-00-337-8329	2600LW	71286 WASHER, LOCK: INTL TOOTH, 0.228 IN. ID, 0.470 IN. OD, 0.060 IN. THK	EA	4
2	9	XAOZZ		S48744	92878 COVER	EA	1
2	10	PAFZZ	5305-00-984-6189	MS35206-241	96906 SCREW, MACHINE: PNH, STL, CD PL, NO. 8-32 NC, 1/4 IN. LG	EA	4
2	11	PAFZZ	5310-00-559-0070	MS35333-38	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 8 NOM ID, 21/64 IN. OD, 0.020 IN. THK	EA	4
2	12	XBOZZ		48522	92878 COVER, RAIN SHIELD	EA	1
2	13	PAOZZ	5305-00-984-6189	MS35206-241	96906 SCREW, MACHINE: PNH, STL, CD PL, NO. 8-32 NC, 1/4 IN. LG	EA	4
2	14	PAOZZ	5310-00-559-0070	MS35333-38	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 8 NOM ID, 21/64 IN. OD, 0.020 IN. THK	EA	4
2	15	XBOZZ		2-48524	92878 SHIELD, RAIN	EA	1
2	16	PAOZZ	5305-00-984-6189	MS35206-241	96906 SCREW, MACHINE: PNH, STL, CD PL, NO. 8-32 NC, 1/4 IN. LG	EA	8
2	17	PAOZZ	5310-00-559-0070	MS35333-38	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 8 NOM ID, 21/64 IN. OD, 0.020 IN. THK	EA	8
2	18	XBOZZ		48664	92878 NUT, PLATE	EA	4
2	19	PAFZZ	5325-00-276-4205	230	70485 GROMMET, RUBBER: GUNA N, 3/8 IN. ID, 5/8 IN. OD, 1/4 IN. THK	EA	1
2	20	XBFZZ		48089	92878 INSULATOR: VULCANIZED FIBER, 2 IN. SQ, 0.010 IN. THK	EA	1

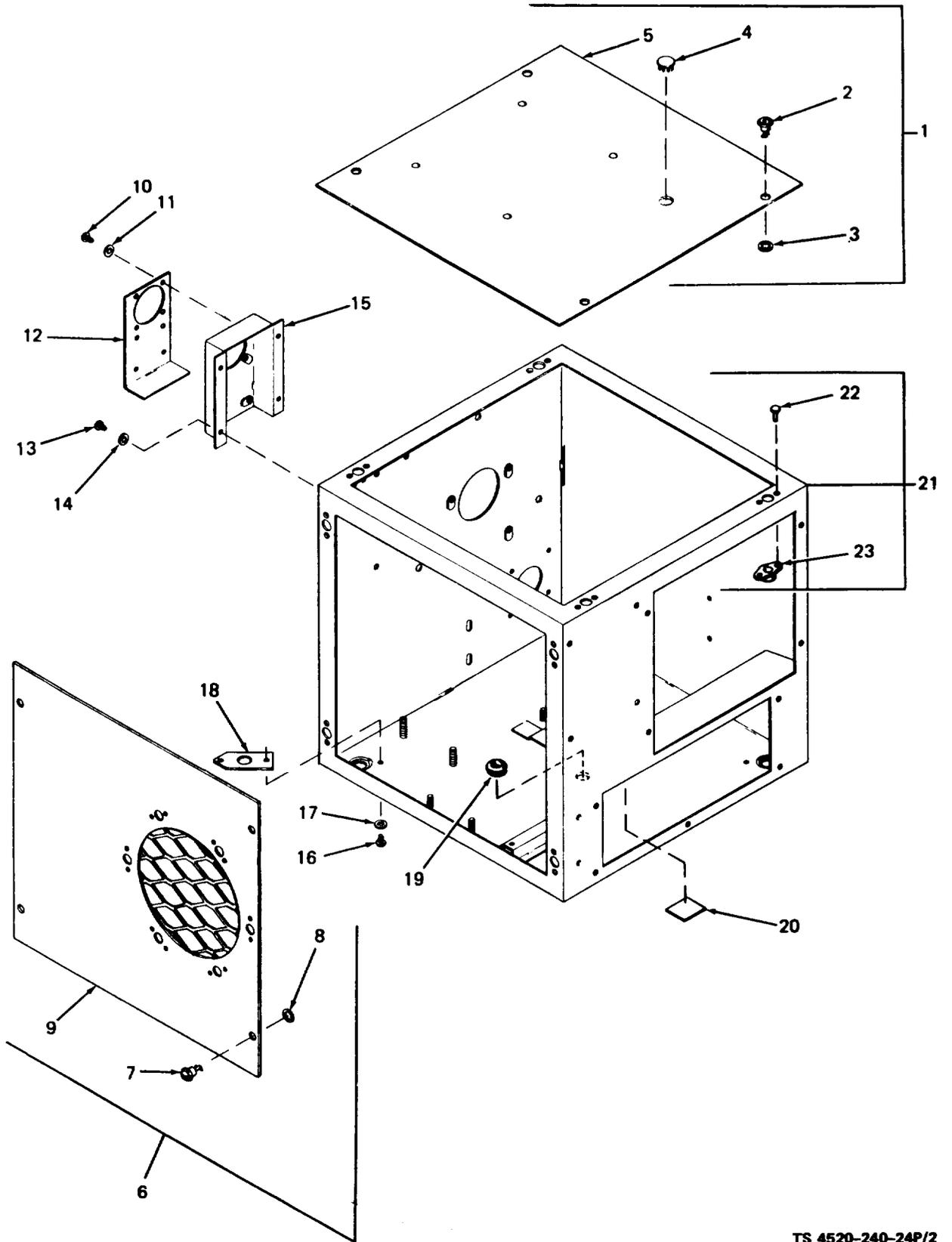
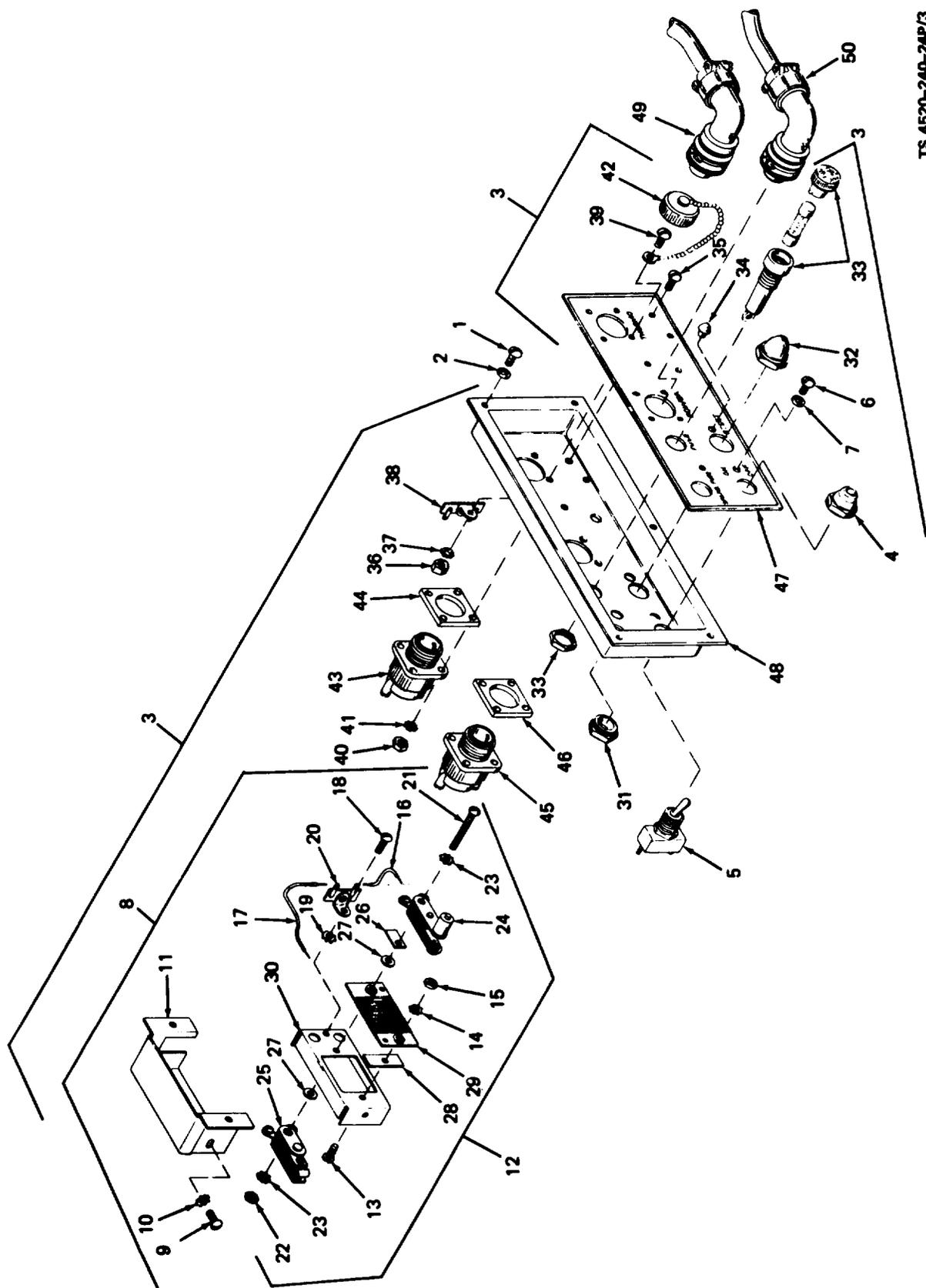


Figure 2. Housing assembly and cover panels.

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
2	21	XAFZZ		S48700	92878 CASE, HEATER	EA	1
2	22	PAFZZ	5320-01-021-1916	5928	92878 RIVET, TUBULAR: 100 DEG CSK FLH, STL, CD PL, 0.088 IN. DIA, 3/16 IN. LG	EA	16
2	23	PAFZZ	5325-00-641-0531	212-12D	71286 RECEPTACLE	EA	8
3	1	PAFZZ	5305-01-021-6824	3922	92878 SCREW,MACHINE: PNH, STL, CD PL, NO. 8-32 NC, 5/16 IN. LG	EA	5
3	2	PAFZZ	5310-00-559-0070	MS35333-38	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 8 NOM ID, 21/64 IN. OD, 0.020 IN. THK	EA	5
3	3	XAFZZ		A48230A	92878 PANEL ASSEMBLY, CONTROL	EA	1
3	4	PAFZZ	5930-00-539-7013	N1030B	97539 BOOT, DUST AND MOISTURE SEAL: RBR COVERED HEX NUT, 15/32-32 NS-2B, 5/8 IN. WIDE, 35/64 IN. THK W/BOOT	EA	1
3	5	PAFZZ	5930-00-655-1514	MS35058-22	96906 SWITCH, TOGGLE: ON-OFF, SP	EA	1
3	6	PAFZZ	5305-00-889-3002	MS35206-242	96906 SCREW, MACHINE: PNH, CROSS- RECESSED, STL, CD PL, NO. 8-32 UNC-2A, 5/16 IN. LG	EA	2
3	7	PAFZZ	5310-00-559-0070	MS35333-38	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 8 NOM ID, 212/64 IN. OD, 0.020 IN. THK	EA	2
3	8	PAFZZ		1-48436-03	92878 TIME DELAY AND BOX ASSEMBLY	EA	1
3	9	PAFZZ	5305-00-054-6650	MS51957-26	96906 SCREW, MACHINE: RDH, SLOTTED, STL, CD PL, NO. 6-32 NC, 1/4 IN. LG	EA	2
3	10	PAFZZ	5310-00-209-0788	MS35335-30	96906 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 6 NOM ID, 5/16 IN. OD	EA	2
3	11	XBFZZ		2-48440-02	92878 COVER	EA	1
3	12	XAFZZ		1-48453-01	92878 DELAY ASSEMBLY, TIME	EA	1
3	13	XAFZZ		3648	92878 SCREW, MACHINE: RDH, STL, CD PL, NO. 4-40 NC, 5/16 IN. LG	EA	1
3	14	XAFZZ		1104	78189 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 4 NOM ID, 1/4 IN. OD	EA	1
3	15	XAFZZ		1047	92878 NUT, PLAIN HEXAGON: STL, CD PL, NO. 4-40 NC, 3/32 IN. THK	EA	1
3	16	MFFZZ		10778-20	92878 WIRE, ELECTRICAL: FROM ELEMENT TO TERMINAL STRIP, 4-1/2 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10778 (92878)	EA	1
3	17	MFFZZ		10770-02	92878 WIRE, ELECTRICAL: YELLOW, FROM ELEMENT TO TERMINAL STRIP, 7 IN. LG; MANUFACTURE FROM WIRE, ELEC- TRICAL, PN 10770 (92878)	EA	1
3	18	XAFZZ		4011	92878 RIVET, TUBULAR: BRASS, CD PL, 1/8 IN. DIA, 1/8 IN. LG	EA	1
3	19	XAFZZ		1106	78189 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 6 NOM ID, 5/16 IN. OD	EA	1

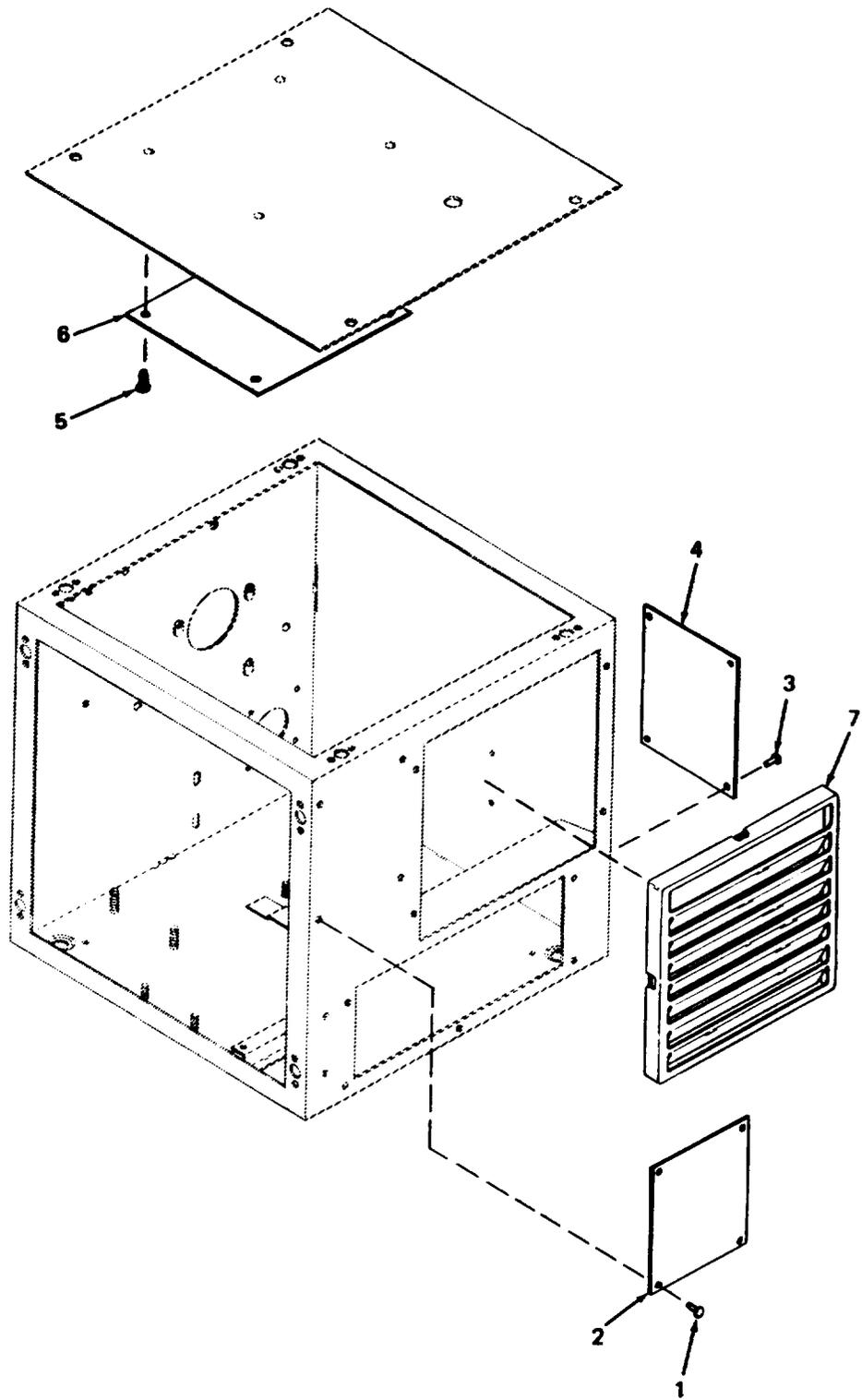


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Figure 3. Control panel.

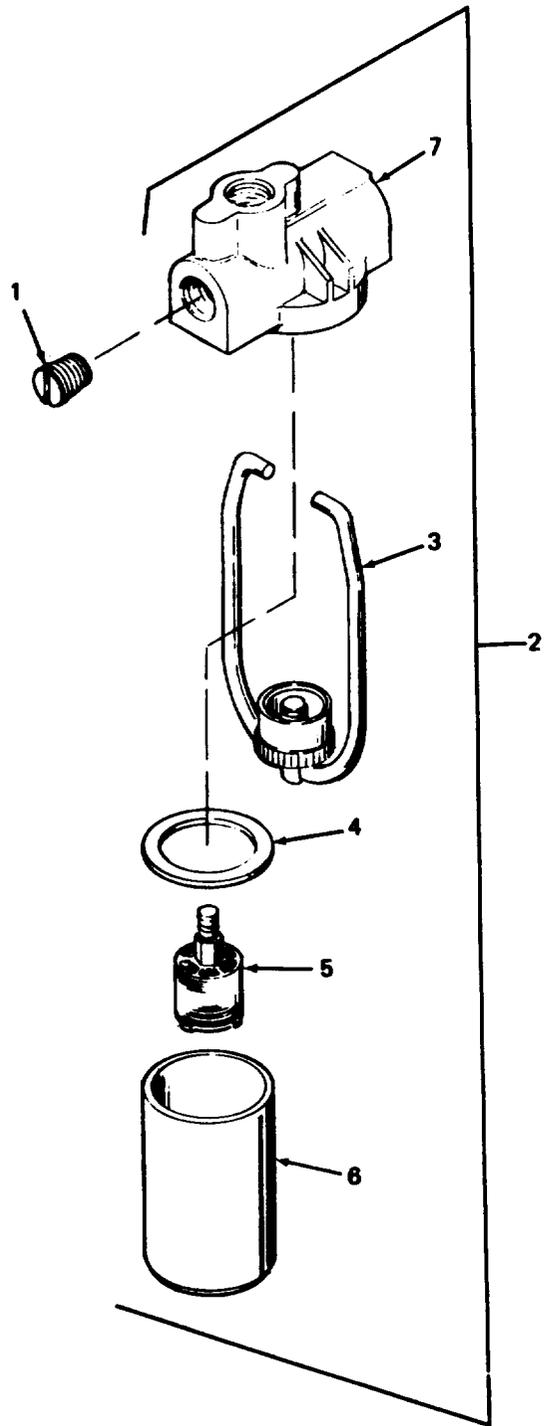
(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
3	20	XAFZZ		1383	71002 STRIP, TERMINAL	EA	1
3	21	XAFZZ		3990	92878 SCREW, MACHINE: RDH, STL, CD PL, NO. 8-32 NC, 1-3/4 IN. LG	EA	1
3	22	XAFZZ		MS35649-282	96906 NUT, PLAIN HEXAGON: STL, CD PL, NO. 8032 NC-2B, 11/32 IN. WIDE, 1/8 IN. THK	EA	1
3	23	XAFZZ		1108	78189 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 8 NOM ID, 3/8 IN. OD	EA	2
3	24	PAFZZ	4520-00-876-8267	SM30-370DEGF	93410 SWITCH, RESET	EA	1
3	25	PAFZZ	5930-01-022-5123	JS47-153DEGF	65289 THERMOSTAT	EA	1
3	26	XAFZZ		48045	92878 INSULATOR: VULCANIZED FIBER, 9/16 IN. WIDE, 13.16 IN. LG, W/ 3/16 IN. DIA HOLD, 0.010 IN. THK	EA	1
3	27	XAFZZ		3259	92878 WASHER, NONMETAL: VULCANIZED COTTON FIBER, 3/16 IN. ID, 1/2 IN. OD, 1/16 IN. THK	EA	2
3	28	XAFZZ		48443	92878 INSULATOR: MICA	EA	2
3	29	XAFZZ		48444	92878 ELEMENT, TIME DELAY	EA	1
3	30	XAFZZ		2-48457-01	92878 BRACKET, SWITCH MOUNTING	EA	1
3	31	XBFZZ		48433	92878 NUT, BOOT RETAINER: ALUMINUM, 5/8-24 NF	EA	1
3	32	PAFZZ	5930-00-990-5179	N3040	97539 BOOT, DUST AND MOISTURE SEAL: RBR COVERED HEX NUT, 5/8-24 NEF-2B, 3/4 IN. WIDE, 5/8 IN. THK W/BOOT	EA	1
3	33	PAFZZ	5920-00-892-9311	HKP15A250V	71400 FUSEHOLDER	EA	2
3	34	PAOZZ	5340-00-449-2609	1107	70485 BUMPER, RUBBER: 1/4 IN. DIA HD, 3/16 IN. DIA BODY, 3/8 IN. LG	EA	1
3	35	PAOZZ	5305-00-984-4988	MS35206-228	96906 SCREW, MACHINE: PNH, CROSS- RECESSED, STL, CD PL, NO. 6-32 UNC-2A, 3/8 IN. LG	EA	1
3	36	PAOZZ	5310-00-898-8220	1033	92878 NUT, PLAIN HEXAGON: STL, CD PL, NO. 6-32 NC, 5/16 IN. WIDE, 3/32 IN. THK	EA	1
3	37	PAOZZ	5310-00-209-0788	MS35335-30	96906 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 6 NOM ID, 5/16 IN. OD	EA	1
3	38	XAOZZ		1383	71002 STRIP, TERMINAL	EA	1
3	39	XAOZZ		3584	92878 SCREW, MACHINE: RDH, SLOTTED, STL, CD PL, NO. 4-40 NC 1/2 IN. LG	EA	8
3	40	XAOZZ		1047	92878 NUT, PLAIN HEXAGON: STL, CD PL, NO. 4-40 NC, 1/4 IN. WIDE, 3/32 IN. THK	EA	8
3	41	PO	5310-00-616-3554	1104	78189 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 4 NOM ID, 1/4 IN. OD	EA	8
3	42	PAOZZ	5935-00-137-4669	MS25043-14D	CAP, PROTECTIVE: 7/8-20 UNEF-2B	EA	2

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
3	43	PAFZZ	5935-00-954-8879	MS3100R14S7SX	96906 CONNECTOR, RECEPTACLE: THERMOSTAT, 7/8-20 UNEF-2A	EA	1
3	44	MFFZZ		48051	92878 GASKET, RECEPTACLE: MANUFACTURE FROM PART NUMBER DS100 (03938)	EA	1
3	45	PAFZZ	5935-00-878-3565	MS3100R14S7P	96906 CONNECTOR, RECEPTACLE: POWER, 7/8-20 UNEF-2A	EA	1
3	46	MFFZZ		48051	92878 GASKET, RECEPTACLE: MANUFACTURE FROM PART NUMBER DC100 (03938)	EA	1
3	47	XBZZ		48603C	92878 PLATE, PANEL	EA	1
3	48	XBZZ		S48221A	92878 PANEL, CONTROL	EA	1
3	49	PAOZZ	5935-00-088-8964	MS3108R14S7PX	96906 CONNECTOR, PLUG: 90 DEG, 7/8 UNEF-2B	EA	1
3	50	PAOZZ	5935-00-846-8665	MS3108R14S7S	96906 CONNECTOR, PLUG: 90 DEG, 7/8-20 UNEF-2B	EA	1
4	1	PAFZZ	5320-01-021-1917	4011	92878 RIVET, TUBULAR: BRASS, CD PL, 1/8 IN. DIA, 1/8 IN. LG	EA	4
4	2	XBZZ		48604-04	92878 PLATE, INSTRUCTION	EA	1
4	3	PAFZZ	5320-01-021-1917	4011	92878 RIVET, TUBULAR: BRASS, CD PL, 1/8 IN. DIA, 1/8 IN. LG	EA	4
4	4	XBZZ		170559	92878 PLATE, IDENTIFICATION	EA	1
4	5	PAFZZ	5320-01-021-1917	4011	92878 RIVET, TUBULAR: BRASS, CD PL, 1/8 IN. DIA, 1/8 IN. LG	EA	4
4	6	XDFZZ		48026N	92878 PLATE, WIRING DIAGRAM	EA	1
4	7	XBOZZ		48318A	92878 LOUVER	EA	1
					GROUP: 03 FUEL SYSTEM		
5	1	PAOZZ	4730-00-011-8831	3150X2	79470 PLUB, PIPE: SLOTTED HD, BRASS, 1/8 IN. NPT, 5/16 IN. LG	EA	1
5	2	PAOZZ	2910-00-905-9792	MS51086-1	96906 FILTER, FUEL	EA	1
5	3	XAOZZ		F10X3	79960 BAIL	EA	1
5	4	PAOZZ	5330-00-496-0066	A7413742	00000 GASKET, FILTER BOWL	EA	1
5	5	XAOZZ		F2X79T3	79960 ELEMENT, FILTER	EA	1
5	6	SAOZZ		F8X56	79960 BOWL	EA	1
5	7	SAOZZ		F7X184	79960 HEAD, FILTER	EA	1
6	1	PAOZZ	5310-00-761-6882	MS51967-2	96906 NUT, PLAIN HEXAGON: STL, CD PL, 1/4-20 NC, 7/16 IN. WIDE, 7/32 IN. THK	EA	2
6	2	PAOZZ	5310-00-550-1130	MS35333-40	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, 1/4 IN. NOM ID, 0.478 IN. OD, 0.028 IN. THK	EA	2



TS 4520-240-24P/4

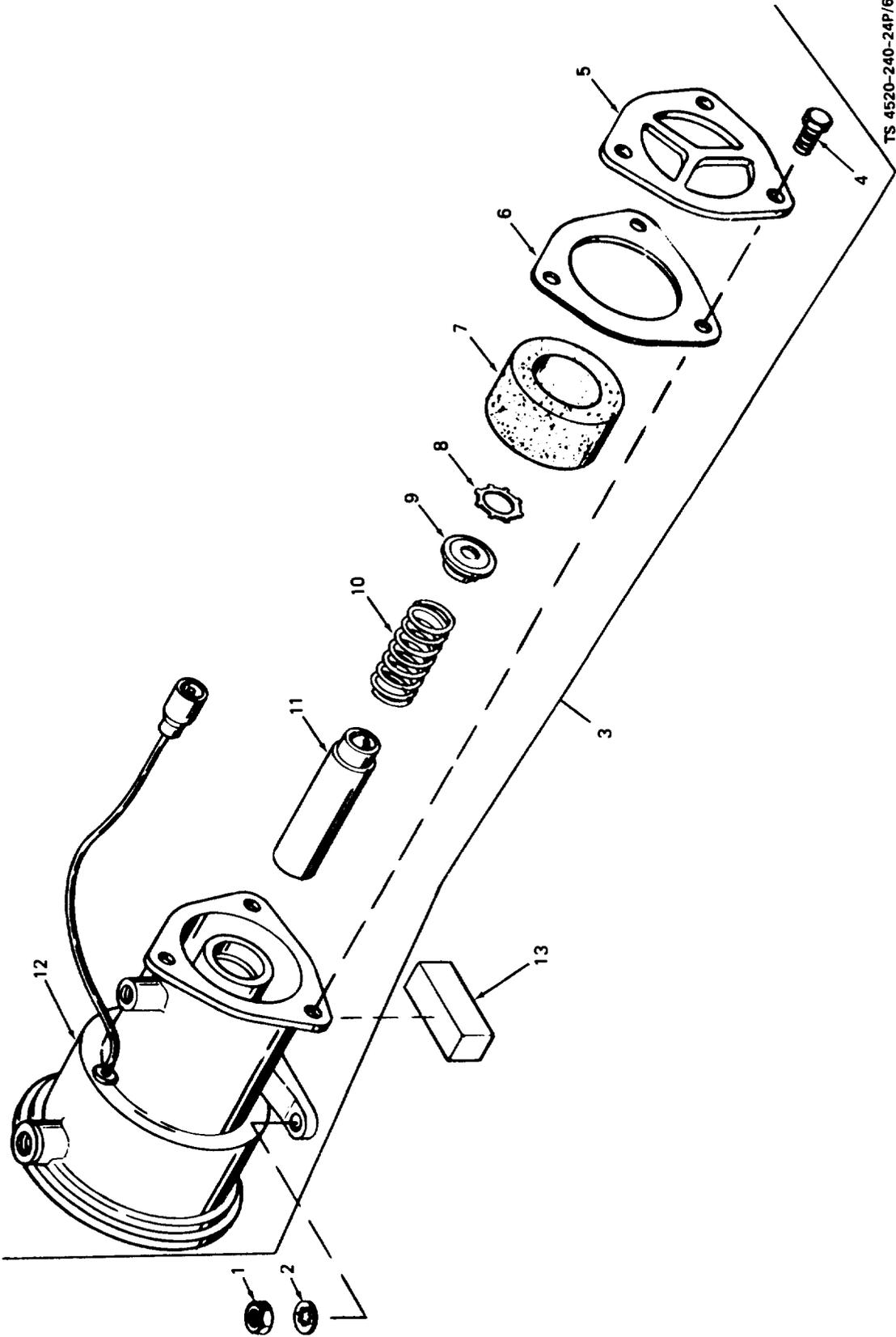
Figure 4. Data plates and louver.



TS 4520-240-24P/5

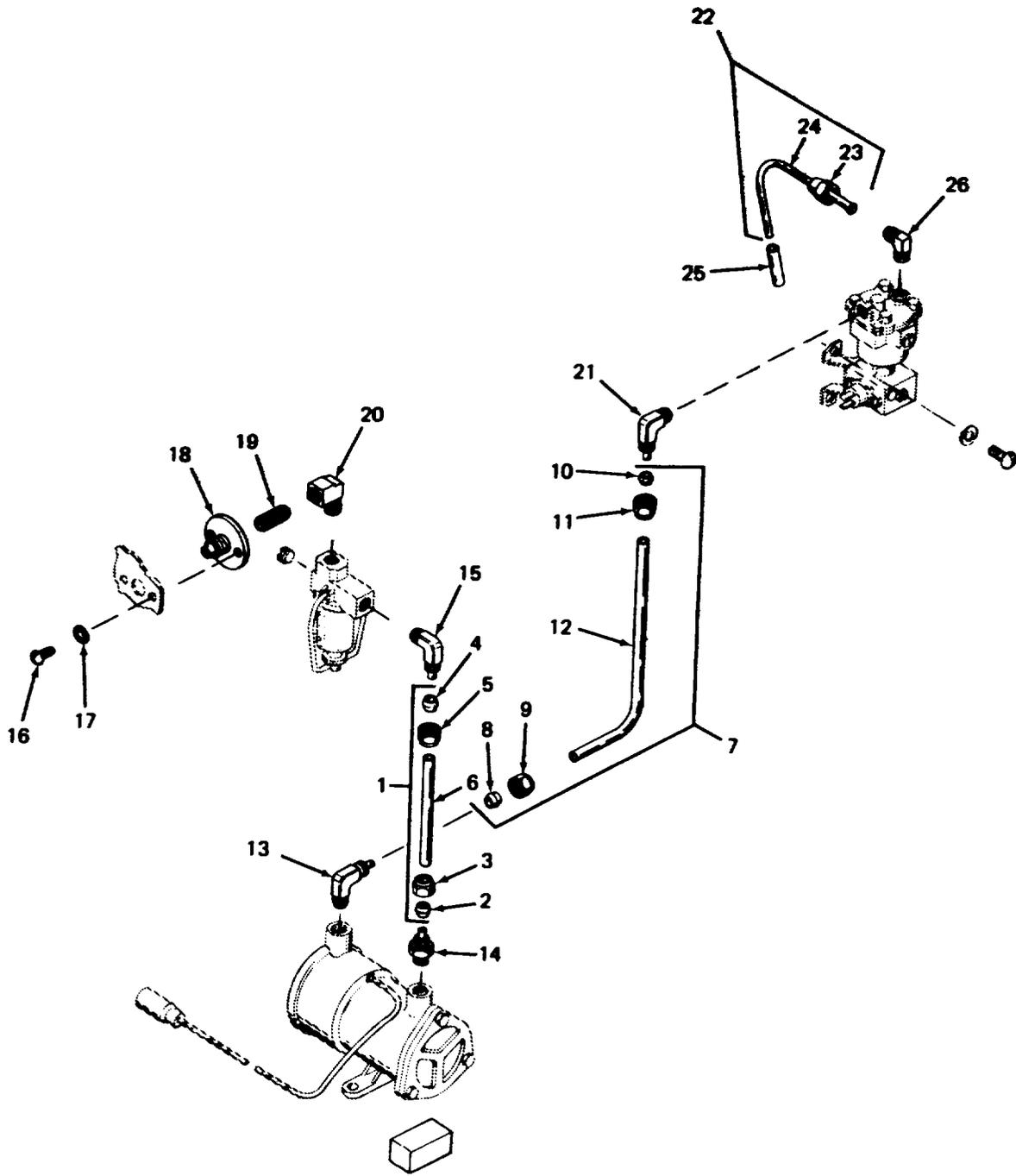
Figure 5. Fuel filter and element.

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
6	3	PAOZZ	2910-00-710-6054	MS51321-1	96906 PUMP, FUEL	EA	1
6	4	XBOZZ		A106097	31771 SCREW, MACHINE: HEX HD, STL, NO. 10-24 UNC, 1/2 IN. LG	EA	3
6	5	XBOZZ		A106055	31771 COVER AND MAGNET	EA	1
6	6	PAOZZ	5330-00-143-4766	A106057	31771 GASKET	EA	1
6	7	PAOZZ	4520-00-406-3345	2200	90005 FILTER	EA	1
6	8	XAOZZ		5005-87	79136 RING, RETAINING	EA	1
6	9	XAOZZ		A106079	31771 VALVE ASSEMBLY	EA	1
6	10	XAOZZ		972015	31771 SPRING	EA	1
6	11	XAOZZ		A106216	31771 PLUNGER	EA	1
6	12	XAOZZ		C106224	31771 HOUSING ASSEMBLY	EA	1
6	13	PAFZZ	9320-00-143-6804	68456	92878 PAD, RUBBER: DURCOMETER, 3/4 IN. WIDE, 1-1/2 IN. LG, 3/4 IN. THK	EA	1
7	1	PAOZZ	4710-01-022-6267	1-48304-06	92878 LINE ASSEMBLY, FUEL	EA	1
7	2	XAOZZ		260U	30327 SLEEVE, COMPRESSION: 1/4 IN. ID, 11/32 IN. OD, 1/4 IN. LG	EA	1
7	3	XAOZZ		261U	30327 NUT, COMPRESSION: 3/8-24 NF, 7/16 IN. WIDE, 5/16 IN. THK	EA	1
7	4	XAOZZ		260U	30327 SLEEVE, COMPRESSION: 1/4 IN. ID, 11/32 IN. OD, 1/4 IN. LG	EA	1
7	5	XAOZZ		261U	30327 NUT, COMPRESSION: 3/8-24 NF, 7/16 IN. WIDE, 5/16 IN. THK	EA	1
7	6	XAOZZ		10664-15	92878 TUBE: 0.035 IN. WALL, 5-1/2 IN. LG	EA	1
7	7	PAOZZ	4710-01-022-6268	1-48304-05	92878 LINE ASSEMBLY, FUEL	EA	1
7	8	XAOZZ		260U	30327 SLEEVE, COMPRESSION: 1/4 IN. ID, 11/32 IN. OD, 1/4 IN. LG	EA	1
7	9	XAOZZ		261U	30327 NUT, COMPRESSION: NF, 7/16 IN. WIDE, 5/16 IN. THK	EA	1
7	10	XAOZZ		260U	30327 SLEEVE, COMPRESSION: 1/4 IN. ID, 11/32 IN. OD, 1/4 IN. LG	EA	1
7	11	XAOZZ		261U	30327 NUT, COMPRESSION: 3/8-24 NF, 7/16 IN. WIDE, 5/16 IN. THK	EA	1
7	12	XAOZZ		10664-11	92878 TUBE: 0.035 IN. WALL, 10-1/2 IN. LG	EA	1
7	13	PAOZZ	4730-00-956-5238	269P	30327 ELBOW, MALE: PLASTIC TUBE TO MALE THD, 1/4 IN. OD TUBE, 1/8 IN. NPT	EA	1



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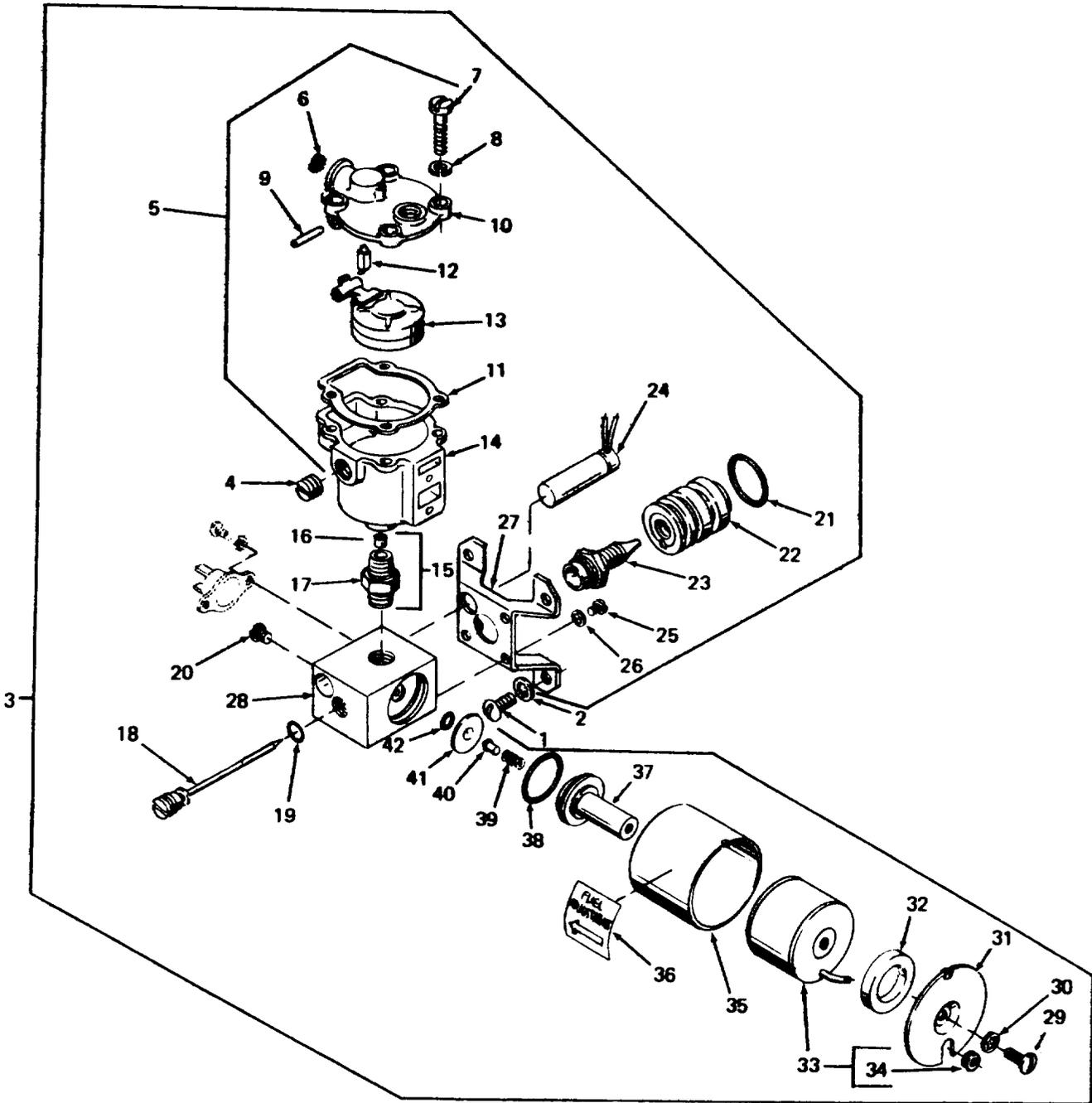
Figure 6. Fuel pump.



TS 4520-240-24P/7

Figure 7. Fuel lines and fittings.

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
7	14	PAOZZ	4730-00-882-6942	268P	30327 CONNECTOR, MALE: TUBE TO MALE THD, 1/4 IN. OD TUBE, 1/8 IN. NPT	EA	1
7	15	PAOZZ	4730-00-956-5238	269P	30327 ELBOW, MALE: PLASTIC TUBE TO MALE THD, 1/4 IN. OD TUBE, 1/8 IN. NPT	EA	1
7	16	PAOZZ	5305-01-021-6824	3922	92878 SCREW, MACHINE: PNH, STL, CD PL, NO. 8-32 NC, 5/16 IN. LG	EA	2
7	17	PAOZZ	5310-00-559-0070	MS35333-38	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 8 NOM ID, 21/64 IN. OD, 0.020 IN. THK	EA	2
7	18	PAOZZ	4730-01-023-2626	68330-01	92878 FITTING, BULKHEAD: 7/16-20 UNF-2A	EA	1
7	19	PAOZZ	4730-00-230-1996	3326X2	79470 NIPPLE, CLOSE:	EA	1
7	20	PAOZZ	4730-00-810-0059	W3400X2	79470 ELBOW, STREET: 1/8 IN. NPT	EA	1
7	21	PAOZZ	4730-00-956-5238	269P	30327 ELBOW, MALE: TUBE TO MALE THD, 1/4 IN. OD TUBE, 1/8 IN. NPT	EA	1
7	22	PAOZZ	4710-01-022-5886	2-48364-02	92878 LINE ASSEMBLY, AIR	EA	1
7	23	XAOZZ		125X3-16	11699 NUT, TUBE: 3/8-24 SAE THD, 5/8 IN. THK	EA	1
7	24	XAOZZ		10241-02	92878 TUBE: COPPER, 3/16 IN. OD, 0.032 IN. WALL, 3-7/8 IN. LG	EA	1
7	25	XDOZZ		48365A	92878 LINE, AIR: TEFLON TEG, 3/16 IN. ID, 0.030 IN. WALL, 1-3/16 IN. LG	EA	1
7	26	PAOZZ	4730-00-972-1630	MS39162-2	96906 ELBOW, MALE: 45 DEG FLARE, 3/8-24 SAE THD, 1/8 IN. NPT, 3/16 IN. TUBE	EA	1
8	1	PAOZZ	5305-00-984-6206	MS35206-259	96906 SCREW, MACHINE: PNH, CROSS- RECESSED, STL, CD PL, NO. 10-24 UNC-2A, 1/4 IN. LG	EA	4
8	2	PAOZZ	5310-00-193-7486	1210-00	78189 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 10 NOM ID, 3/8 IN. OD	EA	4
8	3	PAOZZ	4520-00-406-7096	A48170A	92878 CARBURETOR ASSEMBLY	EA	1
8	4	PAFZZ	4730-00-011-8831	3150X2	79470 PLUG, PIPE: 1/8 IN. NPT, 5/16 IN. LG	EA	1
8	5	PAFZZ	4520-00-006-6264	013440	78480 BOWL ASSEMBLY, FLOAT	EA	1
8	6	XBZZ		07283	78480 SCREEN	EA	1
8	7	PAFZZ	5305-00-541-2752	MS35265-45	96906 SCREW, MACHINE: DRILLED FILH, SLOTTED, STL, CD PL, NO. 8-32 UNC-2A, 1/2 IN. LG	EA	4
8	8	PAFZZ	5310-00-045-3299	1554	92878 WASHER, LOCK: SPLIT, STL, CD PL, NO. 8 NOM ID	EA	4
8	9	XAFZZ		0700	78480 PIN, FLOAT	EA	1
8	10	XAFZZ		09439	78480 COVER, FLOAT BOWL	EA	1

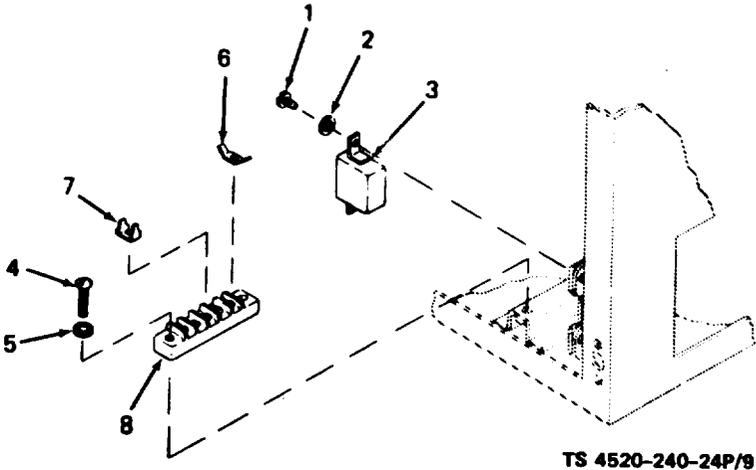


TS 4520-240-24P/B

Figure 8. Carburetor assembly and solenoid valve.

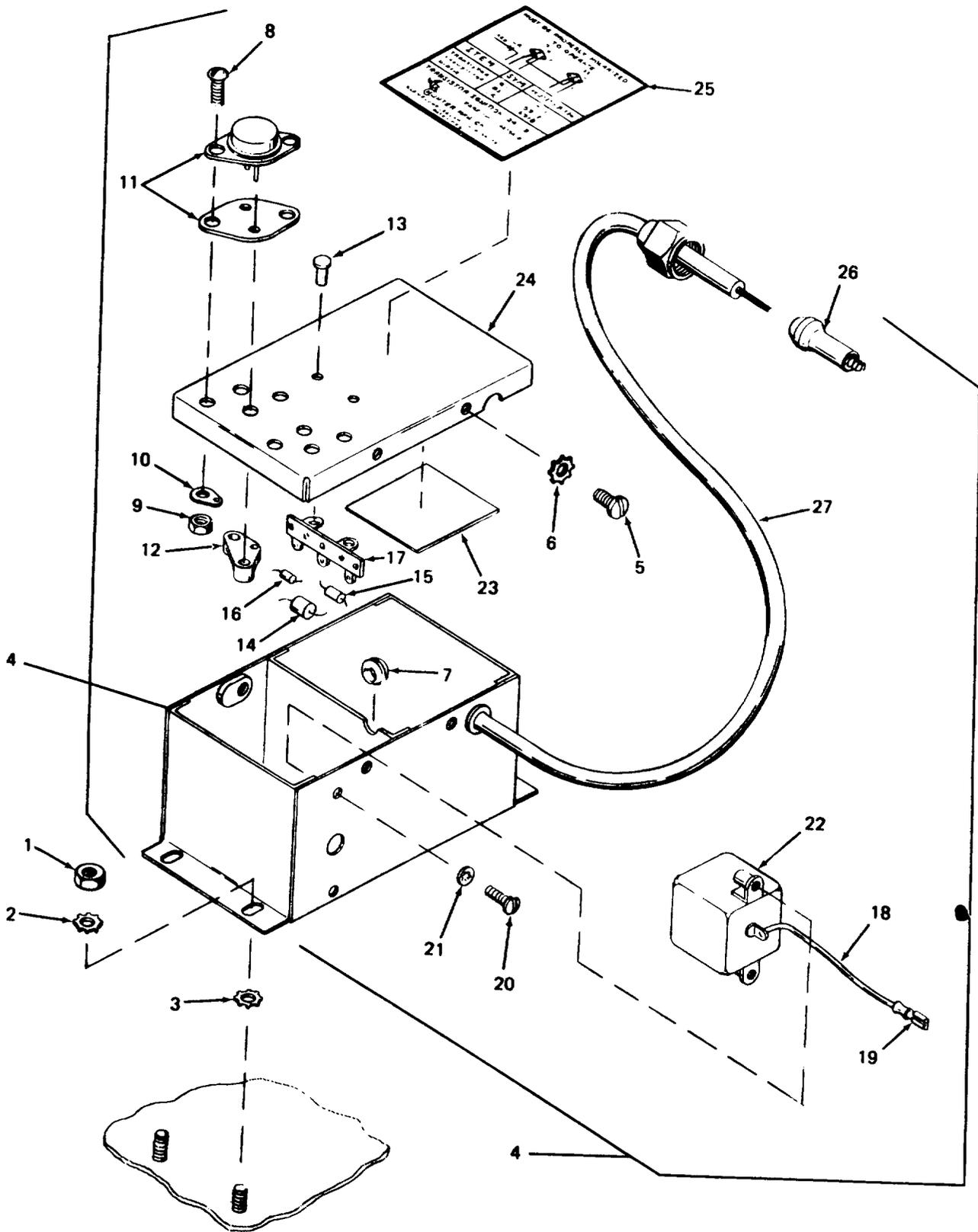
(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) TMS-4520-240-24P DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
8	11	PAFZZ	5330-00-321-0982	07398	78480 GASKET	EA	1
8	12	XAFZZ		013443	78480 NEEDLE AND SEAT	EA	1
8	13	XAFZZ		013441	78480 FLOAT	EA	1
8	14	XAFZZ		09196	78480 BOWL	EA	1
8	15	XDFZZ		2-48838	92878 ORIFICE ASSEMBLY	EA	1
8	16	XAFZZ		47638-01	92878 ORIFICE	EA	1
8	17	XAFZZ		3325X2	79470 NIPPLE, HEX: NPT, 7/16 IN. WIDE, 15/16 IN. LG	EA	1
8	18	PAOZZ	4530-00-901-1328	2-48195	92878 NEEDLE, FUEL	EA	1
8	19	PAOZZ	5330-00-847-1357	2-6-77-545	02697 PACKING, PREFORMED: VITON, 1/8 IN. NOM ID, 1/4 IN. NOM OD, 1/16 IN. NOM THK	EA	1
8	20	PAOZZ	5305-00-984-4981	MS35206-224	96906 SCREW, MACHINE: RDH, STL, NO. 6-32 NC, 1/8 IN. LG	EA	1
8	21	PAFZZ		2-18-77-545	02697 PACKING, PREFORMED: VITON, 3/4 IN. NOM ID, 7/8 IN. NOM ID, 1/16 IN. NOM THK	EA	1
8	22	XBFZZ		2-48113-02	92878 HOUSING, MIXER	EA	1
8	23	PAFZZ	4520-00-406-7099	48138-03	92878 JET, FUEL	EA	1
8	24	PAFZZ		2-48324-01	92878 HEATER ASSEMBLY, FUEL	EA	1
8	25	PAFZZ	5305-01-022-3055	5404	92878 SCREW, MACHINE: FILH, SLOTTED, STL, CD PL, NO. 6-32 NC, 1/4 IN. LG	EA	3
8	26	PAFZZ	5310-00-579-0079	MS35333-37	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 6 NOM ID	EA	3
8	27	XBFZZ		48235-01	92878 BRACKET	EA	1
8	28	XDFZZ		68355	92878 BODY	EA	1
8	29	PAFZZ	5305-00-889-3002	MS35206-242	96906 SCREW, MACHINE: PMH, CROSS- RECESSED, STL, CD PL, NO. 8-32 UNC-2A, 5/16 IN. LG	EA	1
8	30	PAFZZ	5310-00-559-0070	MS35333-38	78189 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 8 NOM ID, 21/64 IN. OD, 0.020 IN. THK	EA	1
8	31	XBFZZ		68353	98278 CAP	EA	1
8	32	PAFZZ	5365-00-103-9799	48355	92878 WASHER, RUBBER: NEOPRENE, 5/8 IN. ID, 1 IN. OD, 3/8 IN. THK	EA	1
8	33	PAFZZ	2920-01-025-9667	1-48348A	92878 COIL ASSEMBLY	EA	1
8	34	PAFZZ	5325-00-276-4230	1259	70485 GROMMET, RUBBER: 3/8 IN. OD, 3/16 IN. THK	EA	1
8	35	PAFZZ	4520-00-406-7101	48352	92878 HOUSING, COIL	EA	1
8	36	XDFZZ		68606	92878 LABEL, FUEL ADJUSTMENT	EA	1
8	37	PAFZZ		2-48344	92878 CORE ASSEMBLY	EA	1

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
8	38	PAFZZ	5330-00-248-3842	4034	92878 PACKING, PREFORMED: VITON, 43/64 IN. NOM ID, 13/16 IN. NOM OD, 1/16 IN. NOM THK	EA	1
8	39	PAFZZ	5360-00-193-1654	47316	92878 SPRING	EA	1
8	40	PAFZZ	4520-00-406-3343	48336	92878 PLUNGER	EA	1
8	41	PAFZZ	4520-00-962-2186	48343	92878 DISC	EA	1
8	42	PAFZZ	5330-01-020-9748	300-006	07406 PACKING, PREFORMED: VITON, 1/8 IN. NOM ID, 1/4 IN. NOM OD, 1/16 IN. SQ NOM THK GROUP: 04 ELECTRICAL	EA	1
9	1	PAFZZ	5305-00-054-6650	MS51957-26	96906 SCREW, MACHINE: RDH, SLOTTED, STL, CD PL, NO. 6-32 NC, 1/4 IN. LG	EA	2
9	2	PAFZZ	5310-00-579-0079	MS35333-37	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 6 NOM ID, 9/32 IN. OD	EA	2
9	3	PAFZZ	5945-00-402-1698	5873	92878 RELAY, CONTROL	EA	1
9	4	PAFZZ		12806	92878 SCREW, MACHINE: RDH, STL, CD PL, NO. 6-32 NC, 1/2 IN. LG	EA	2
9	5	PAFZZ	5310-00-579-0079	MS35333-37	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 6 NOM ID, 9/32 IN. OD	EA	2
9	6	XBFZZ		3422	98410 TAB, TERMINAL BLOCK: 0.187 IN. X 0.020 IN. TAB, 9/32 IN. WIDE BASE, 0.146 IN. DIA CENTER HOLE	EA	5
9	7	XBFZZ		3423	98410 TAB, TERMINAL BLOCK: 0.187 IN. X 0.020 IN. X 1/4 IN. LG TABS, 9/32 IN. WIDE X 3/8 IN. LG BASE	EA	5
9	8	PAFZZ	5940-00-949-8304	34005-5	98410 BLOCK, TERMINAL	EA	1
10	1	PAFZZ	5310-00-934-9757	MS35649-282	96906 NUT, PLAIN HEXAGON: STL, CD PL, NO. 8-32 NC-2B, 11/32 IN. WIDE, 1/8 IN. THK	EA	2
10	2	PAFZZ	5310-00-596-7693	1108	78189 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 8 NOM ID, 3/8 IN. OD	EA	3
10	3	PAFZZ	5310-00-261-6192	4008-14-00	78189 WASHER, LOCK: STL, CD PL, INTL-EXT TOOTH, NO. 8 NOM ID	EA	2
10	4	PAFZZ	4520-00-406-7105	S48298B	92878 TRANSISTOR UNIT, IGNITION	EA	1
10	5	PAFZZ	5305-00-984-6189	MS35206-241	96906 SCREW, MACHINE: PNH, SLOTTED, STL, CD PL, NO. 8-32 NC, 1/4 IN. LG	EA	4
10	6	PAFZZ	5310-00-596-7693	1108	78189 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 8 NOM ID, 3/8 IN. OD	EA	4
10	7	PAFZZ	5325-00-276-4230	1259	70485 GROMMET, RUBBER: 3/8 IN. OD, 3/16 IN. THK	EA	1
10	8	PAFZZ		26809	92878 SCREW, MACHINE: RDH, SLOTTED, STL, CD PL, NO. 6-32 NC, 3/8 IN. LG	EA	4



TS 4520-240-24P/9

Figure 9. Electrical components (terminal block and control relay).

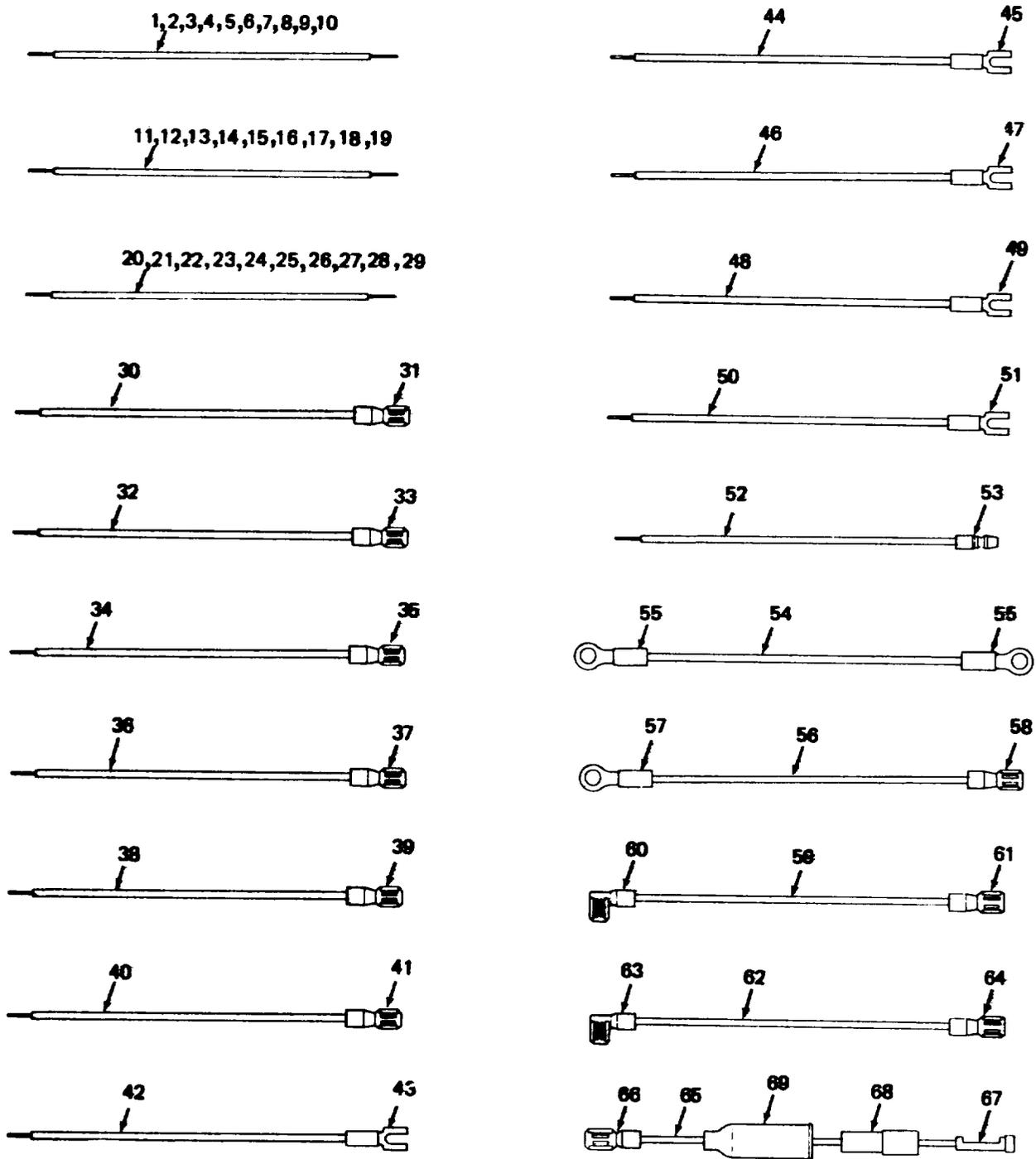


TS 4520-240-24P/10

Figure 10. Ignition power supply.

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
10	9	PAFZZ	5310-00-898-8220	1033	92878 NUT, PLAIN HEXAGON: STL, CD PL, NO. 6-32 NC, 5/16 IN. WIDE, 3/32 IN. THK	EA	4
10	10	PAFZZ		5917	92878 LUG, TERMINAL: TINNED SOLDER, 9/64 IN. DIA HOLE, 5/8 IN. LG	EA	3
10	11	PAFZZ	5961-00-102-0367	2N434	77609 TRANSISTOR	EA	2
10	12	XBZZ		5381	92878 SOCKET, TRANSISTOR	EA	2
10	13	PAFZZ		147712	00000 RIVET, RUBULAR: CD PL, 1/8 IN. DIA, 5/32 IN. LG	EA	2
10	14	PAFZZ		5100HM2W	44655 RESISTOR: CARBON, 3-5/8 IN. LG	EA	1
10	15	PAFZZ	5905-00-279-2637	470HM1W	44655 RESISTOR: 470HM, 1W, 10% CARBON, 3-9/16 IN. LG	EA	1
10	16	PAFZZ	5961-00-192-6262	IN5401	84076 DIODE: 3 AMP, 100V PIV, 3-1/8 IN. LG	EA	1
10	17	PAFZZ	5940-00-954-3366	1530A	71785 STRIP, TERMINAL	EA	1
10	18	MFFZZ		2-48965-05	92878 WIRE ASSEMBLY: YELLOW, FILTER TO TERMINAL STRIP, 5 IN. LG; MANUFACTURE FROM WIRE, PN 10770-04 (92878)	EA	1
10	19	PAFZZ		BB8138	98410 TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG, 16-14 WIRE GA	EA	1
10	20	PAFZZ		12806	92878 SCREW, MACHINE: RDH, STL, CD PL, NO. 6-32 NC, 1/2 IN. LG	EA	2
10	21	PAFZZ	5310-00-579-0079	MS35333-37	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 6 NOM ID, 9/32 IN. OD	EA	2
10	22	PAFZZ		2-48753	92878 FILTER ASSEMBLY	EA	1
10	23	XBZZ		48256	92878 LABEL, WIRING DIAGRAM	EA	1
10	24	XBZZ		48745	92878 COVER, TRANSISTOR MOUNTING	EA	1
10	25	XBZZ		48356A	92878 LABEL, NAME	EA	1
10	26	XBZZ		186	11583 CONNECTOR, WATERPROOF	EA	1
10	27	XAFZZ		10759-01	92878 CABLE, IGNITION	EA	1
11	1	MFFZZ		10774-01	92878 WIRE, ELECTRICAL: RED, FROM POWER PLUG TO FUSE, 6 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10774 (92878)	EA	1
11	2	MFFZZ		10774-01	92878 WIRE, ELECTRICAL: RED, FROM FUSE TO RESET SWITCH, 6 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10774 (92878)	EA	1
11	3	MFFZZ		10774-11	92878 WIRE, ELECTRICAL: RED, FROM ON-OFF SWITCH TO RESET SWITCH, 4-1/2 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10774 (92878)	EA	1
11	4	MFFZZ		10778-09	92878 WIRE, ELECTRICAL: THERMO PLUG TO GROUND, 5-3/4 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10778 (92878)	EA	1

USABLE ON CODE



TS 4520-240-24P/11

Figure 11. Wiring harness.

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
11	5	MFFZZ		10778-10	92878 WIRE, ELECTRICAL: POWER PLUG TO GROUND, 4 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10778 (92878)	EA	
11	6	MFFZZ		10770-14	92878 WIRE, ELECTRICAL: YELLOW, FROM THERMO PLUG TO DELAY SWITCH, 4 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10770 (92878)	EA	1
11	7	MFFZZ		10773-11	92878 WIRE, ELECTRICAL: VIOLET, FROM THERMO PLUG TO ON-OFF SWITCH, 6-1/2 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10773 (92878)	EA	1
11	8	MFFZZ		10768-05	92878 WIRE, ELECTRICAL: GREEN, FROM RESET SWITCH TO DELAY SWITCH, 7 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10768 (92878)	EA	1
11	9	MFFZZ		10766-05	92878 WIRE, ELECTRICAL: ORANGE, FROM SOLENOID TO TERMINAL STRIP, 7 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10766 (92878)	EA	1
11	10	MFFZZ		10766-07	92878 WIRE, ELECTRICAL: ORANGE, FROM IGNITION UNIT TO TERMINAL STRIP, 4-1/2 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10766 (92878)	EA	1
11	11	MFFZZ		10785-03	92878 WIRE, ELECTRICAL: GREEN, RELAY JUMPER, 3 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10785 (92878)	EA	1
11	12	MFFZZ		10785-05	92878 WIRE, ELECTRICAL: GREEN, FROM REGULATOR TO CONNECTOR, 6-1/2 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10785 (92878)	EA	1
11	13	MFFZZ		10785-06	92878 WIRE, ELECTRICAL: GREEN, FROM CONNECTOR TO RESET SWITCH, 24 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10785 (92878)	EA	1
11	14	MFFZZ		10796-05	92878 WIRE, ELECTRICAL: REGULATOR TO TERMINAL STRIP, 23 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10796 (92878)	EA	1
11	15	MFFZZ		10736-03	92878 WIRE, ELECTRICAL: ORANGE, FROM REGULATOR TO CONNECTOR, 6-1/2 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10736 (92878)	EA	1
11	16	MFFZZ		10736-04	92878 WIRE, ELECTRICAL: ORANGE, FROM CONNECTOR TO RESET SWITCH, 24 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10736 (92878)	EA	1
11	17	MFFZZ		10739-02	92878 WIRE, ELECTRICAL: VIOLET, FROM REGULATOR TO CONNECTOR, 6-1/2 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10739 (92878)	EA	1
11	18	MFFZZ		10739-05	92878 WIRE, ELECTRICAL: VIOLET FROM CONNECTOR TO RESET SWITCH, 24 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10739 (92878)	EA	1

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
11	19	MFFZZ		10818-06	92878 WIRE, ELECTRICAL: REGULATOR TO TERMINAL STRIP, 22 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10818 (92878)	EA	1
11	20	MFFZZ		10787-01	92878 WIRE, ELECTRICAL: TRANSISTOR TO TERMINAL STRIP, 3 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10787 (92878)	EA	1
11	21	MFFZZ		10787-02	92878 WIRE, ELECTRICAL: TRANSISTOR 1 TO TRANSISTOR 2, 5 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10787 (92878)	EA	1
11	22	MFFZZ		10787-03	92878 WIRE, ELECTRICAL: TERMINAL STRIP TO GROUND, 9 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10787 (92878)	EA	1
11	23	MFFZZ		10788-01	92878 WIRE, ELECTRICAL: YELLOW, FROM TRANSISTOR TO TRANSISTOR UNIT, 6-1/2 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10788 (92878)	EA	1
11	24	MFFZZ		10789-02	92878 WIRE, ELECTRICAL: ORANGE, FROM TRANSISTOR TO TRANSISTOR UNIT, 6 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10789 (92878)	EA	1
11	25	MFFZZ		10790-01	92878 WIRE, ELECTRICAL: WHITE, FROM RESISTOR TO TRANSISTOR UNIT, 6-3/4 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10790 (92878)	EA	1
11	26	MFFZZ		10791-03	92878 WIRE, ELECTRICAL: GREY, FROM RESISTOR TO TRANSISTOR UNIT, 6-3/4 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10791 (92878)	EA	1
11	27	MFFZZ		10792-01	92878 WIRE, ELECTRICAL: TRANSISTOR TO TRANSISTOR UNIT, 6 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10792 (92878)	EA	1
11	28	MFFZZ		10793-01	92878 WIRE, ELECTRICAL: GREEN, FROM TRANSISTOR TO TRANSISTOR UNIT, 7 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10793 (92878)	EA	1
11	29	MFFZZ		10794-01	92878 WIRE, ELECTRICAL: RED, FROM DIODE TO TRANSISTOR UNIT, 6 IN. LG; MANUFACTURE FROM WIRE, ELECTRICAL, PN 10794 (92878)	EA	1
11	30	MFFZZ		2-48960-01	92878 WIRE ASSEMBLY, ELECTRICAL: VIOLET, FROM ON-OFF SWITCH TO THERMOSTAT, 27 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10773 (92878)	EA	1
11	31	PAFZZ		BB8141	98410 TERMINAL, QUICK DISCONNECT: FEMALE 19/64 IN. WIRE, 27/32 IN. LG, 16-14 WIRE GA.	EA	1

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
11	32	MFFZZ		2-48965-06	92878 WIRE ASSEMBLY, ELECTRICAL: YELLOW, FROM DELAY SWITCH TO TERMINAL STRIP, 12 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL PN 10770 (92878)	EA	1
11	33	PAFZZ		BB8138	98410 TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG, 16-14 WIRE GA	EA	1
11	34	MFFZZ		2-48967-12	92878 WIRE ASSEMBLY, ELECTRICAL: GREEN, FROM DELAY SWITCH TO TERMINAL STRIP, 10-1/2 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10768 (92878)	EA	1
11	35	PAFZZ		BB8138	98410 TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG, 16-14 WIRE GA	EA	1
11	36	MFFZZ		2-48972-01	92878 WIRE ASSEMBLY, ELECTRICAL: FROM RELAY TO TERMINAL STRIP, 3-1/2 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL PN 10796 (92878)	EA	1
11	37	PAFZZ		AA8137	98410 TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG, 22-18 WIRE GA	EA	1
11	38	MFFZZ		2-48977-01	92878 WIRE ASSEMBLY, ELECTRICAL: YELLOW, FROM RELAY TO TERMINAL STRIP, 4 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10795 (92878)	EA	1
11	39	PAFZZ		AA8137	98410 TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG, 22-18 WIRE GA	EA	1
11	40	MFFZZ		2-48978-01	92878 WIRE ASSEMBLY, ELECTRICAL: GREEN, FROM RELAY TO TERMINAL STRIP, 5-1/8 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10785 (92878)	EA	1
11	41	PAFZZ		AA8137	98410 TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG, 22-18 WIRE GA	EA	1
11	42	MFFZZ		2-48962-01	92878 WIRE ASSEMBLY, ELECTRICAL: FROM CONTROL PANEL GROUND TO HEATER GROUND, 14 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10778 (92878)	EA	1
11	43	PAFZZ		A234-06	98410 LUG, SPADE: COPPER, TINNED FINISH, 5/32 IN. SLOT, 19/64 IN. WIDE, 13/16 IN. LG, W/PLASTIC SLEEVE	EA	1
11	44	MFFZZ		2-48973-01	92878 WIRE ASSEMBLY, ELECTRICAL: RED, FROM FLAME SWITCH TO RELAY, 21 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10798 (92878)	EA	1
11	45	PAFZZ		A234-06	98410 LUG, SPADE: COPPER, TINNED FINISH, 5/32 IN. SLOT, 19/64 IN. WIDE, 13/16 IN. LG, W/PLASTIC SLEEVE	EA	1

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
11	46	MFFZZ	2-48973-02	92878	WIRE ASSEMBLY, ELECTRICAL: RED, FROM ON-OFF SWITCH TO FLAME SWITCH, 33 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10798 (92878)	EA	1
11	47	PAFZZ	A234-06	98410	LUG, SPADE: COPPER, TINNED FINISH, 5/32 IN. SLOT, 19/64 IN. WIDE, 13/16 IN. LG, W/PLASTIC SLEEVE	EA	1
11	48	MFFZZ	2-48974-01	92878	WIRE ASSEMBLY, ELECTRICAL: FROM FLAME SWITCH TO RELAY, 21 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10816 (92878)	EA	1
11	49	PAFZZ	A234-06	98410	LUG, SPADE: COPPER, TINNED FINISH 5/32 IN. SLOT, 19/64 IN. WIDE, 13/16 IN. LG, W/PLASTIC SLEEVE	EA	1
11	50	MFFZZ	2-48975-01	92878	WIRE ASSEMBLY, ELECTRICAL: FROM RELAY TO GROUND, 3 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10818 (92878)	EA	1
11	51	PAFZZ	A234-06	98410	LUG, SPADE: COPPER, TINNED FINISH, 5/32 IN. SLOT, 19/64 IN. WIDE, 13/16 IN. LG, W/PLASTIC SLEEVE	EA	1
11	52	MFFZZ	2-48976-01	92878	WIRE ASSEMBLY, ELECTRICAL: GREY, FROM RELAY TO CONNECTOR, 9 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10799 (92878)	EA	1
11	53	PAFZZ	51315	81263	TERMINAL, BULLET: MALE, 1/8 IN. NOM DIA, 17/32 IN LG	EA	1
11	54	MFFZZ	2-48962-01	92878	WIRE ASSEMBLY, ELECTRICAL: FROM MOTOR TO GROUND, 14 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10778 (92878)	EA	1
11	55	PAFZZ	A221-10	98410	TERMINAL, RING TONGUE: COPPER, TINNED FINISH, NO. 10 NOM RING DIA, 29/32 IN. LG	EA	2
11	56	MFFZZ	2-48964-02	92878	WIRE ASSEMBLY, ELECTRICAL: FROM GLOW PLUG TO TERMINAL STRIP, 11 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10762 (92878)	EA	1
11	57	PAFZZ	A221-10	98410	TERMINAL, RING TONGUE: COPPER, TINNED FINISH, NO. 10 NOM RING DIA, 29/32 IN. LG	EA	1
11	58	PAFZZ	BB8138	98410	TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG, 16-14 WIRE GA	EA	1
11	59	MFFZZ	2-48963-02	98410	WIRE ASSEMBLY, ELECTRICAL: ORANGE, FROM THERMOSTAT TO TERMINAL STRIP, 11-1/4 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10764 (92878)	EA	1
11	60	PAFZZ			TERMINAL, FLAT, QUICK DISCONNECT, FEMALE, COPPER, TIN PL, 0.296 IN. WIDE, 0.570 IN. LG	EA	1

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
11	61	PAFZZ		BB8138	98410 TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG; 16-14 WIRE GA	EA	1
11	62	MPFZZ		2-48970-02	92878 WIRE ASSEMBLY, ELECTRICAL: GREEN, FROM THERMOSTAT TO TERMINAL STRIP, 11-1/4 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10763 (92878)	EA	1
11	63	PAFZZ		FFT1	98410 TERMINAL, FLAT: QUICK DISCONNECT, FEMALE, COPPER, TIN PL, 0.296 IN. WIDE, 0.570 IN. LG	EA	1
11	64	PAFZZ		BB8138	98410 TERMINAL, QUICK DISCONNECT: FEMALE, 15/64 IN. WIDE, 23/32 IN. LG, 16-14 WIRE GA	EA	1
11	65	MPFZZ		2-48971-01	92878 WIRE ASSEMBLY, ELECTRICAL: ORANGE, FROM FUEL PUMP TO TERMINAL STRIP, 4-1/2 IN. LG MANUFACTURE FROM WIRE, ELECTRICAL, PN 10766 (92878)	EA	1
11	66	PAFZZ		BB8138	98410 TERMINAL, QUICK DISCONNECT: FEMALE 15/64 IN. WIDE, 23/32 IN. LG, 16-14 WIRE GA	EA	1
11	67	PAFZZ		7982997	00000 TERMINAL	EA	1
11	68	PAFZZ		8338562	00000 SLEEVE	EA	1
11	69	PAFZZ		8338561	00000 SHELL, MALE	EA	1

USABLE ON CODE

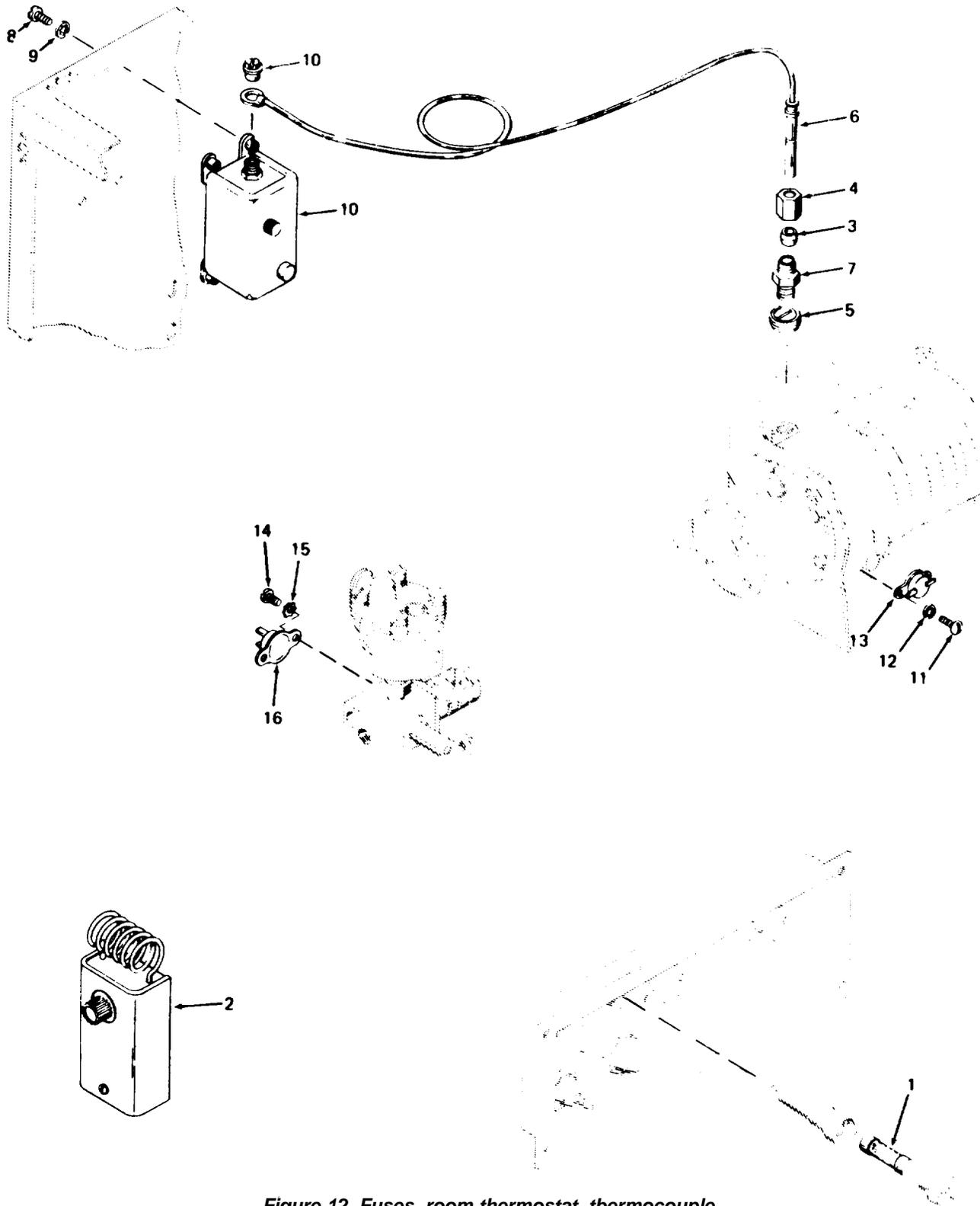
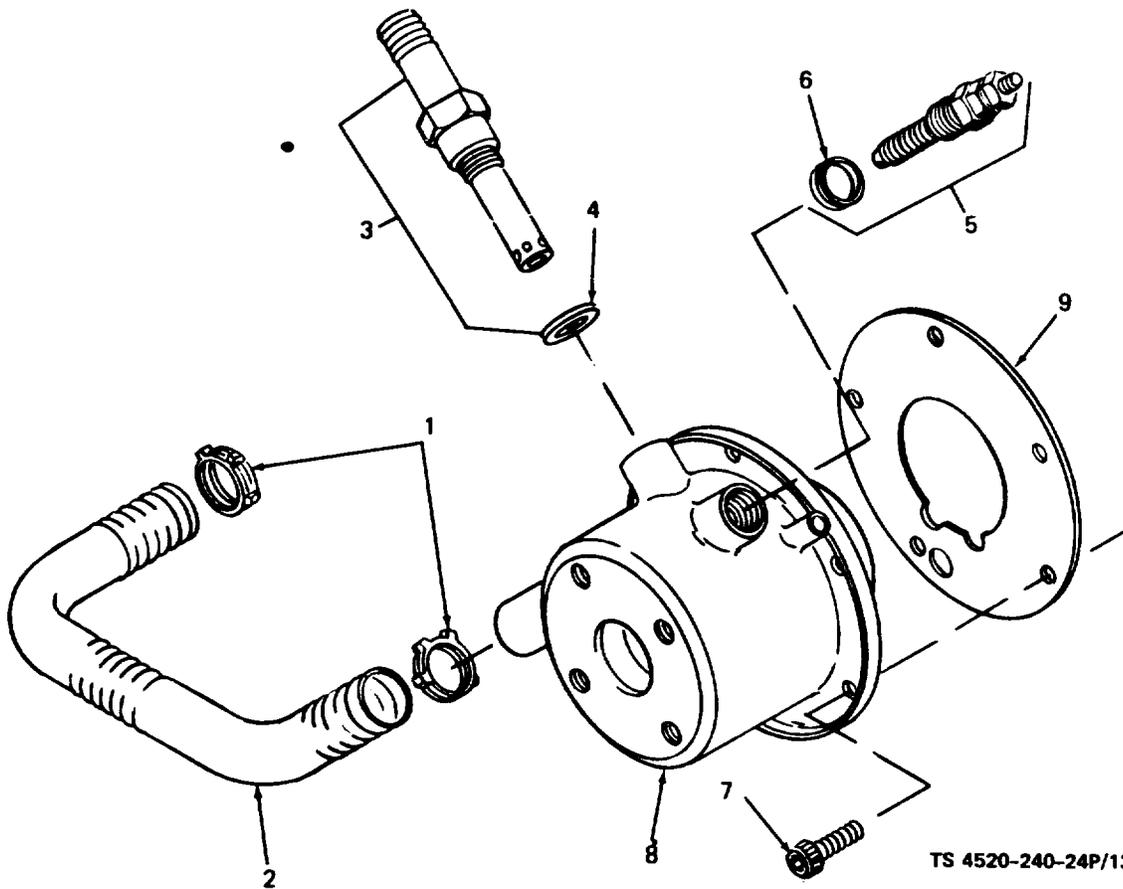


Figure 12. Fuses, room thermostat, thermocouple, thermocouple relay, overheat and preheat thermostats.

TS 4520-240-24P/12

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
						USABLE ON CODE	
12	1	PAOZZ	5920-00-043-2644	307020	75915 FUSE, 20 AMP: SFE	EA	2
12	2	PAOZZ	6685-00-401-7149	48279	92878 THERMOSTAT, ROOM	EA	1
12	3	PAOZZ	4730-00-278-8763	60X4	79470 SLEEVE, COMPRESSION: ID, 23/64 IN. OD, 1/4 IN. LG	EA	1
12	4	PAOZZ	4730-00-011-4627	61X4	79470 NUT, COMPRESSION: 1/2 IN. WIDE, 7/16 IN. THK	EA	1
12	5	PAOZZ	5325-00-835-6439	2196S	70485 GROMMET, RUBBER: 3/4 IN. ID SLIT DIAPHRAGM, 1-1/4 IN. OD, 1/4 IN. THK	EA	1
12	6	PAOZZ	6685-00-930-0601	G251A13	73760 THERMOCOUPLE	EA	1
12	7	PAOZZ	4730-01-023-2713	33330	92878 CONNECTOR, ADAPTER: NPT, 1/4 IN. OD TUBE, 0.257 IN. ID, 7/8 IN. LG	EA	1
12	8	PAOZZ		12806	92878 SCREW, MACHINE: RDH, STL, CD PL, NO. 6-32 NC, 1/2 IN. LG	EA	4
12	9	PAOZZ	5310-00-579-0079	MS35333-37	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 6 NOM ID, 9/32 IN. OD	EA	4
12	10	PAOZZ	5945-01-021-5685	2-48458	92878 RELAY, SPDT	EA	1
12	11	PAOZZ	5305-00-054-6650	MS51957-26	96906 SCREW, MACHINE: RDH, SLOTTED, STL, CD PL, NO. 6-32 NC, 1/4 IN. LG	EA	2
12	12	PAOZZ	5310-00-579-0079	MS35333-37	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 6 NOM ID, 9/32 IN. OD	EA	2
12	13	PAOZZ	5930-00-876-8493	A542	93410 THERMOSTAT, OVERHEAT	EA	1
12	14	PAOZZ	5305-00-984-4982	MS35206-225	96906 SCREW, MACHINE: RDH, STL, CD PL, NO. 6-32 NC, 3/16 IN. LG	EA	2
12	15	PAOZZ	5310-00-579-0079	MS35333-37	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 6 NOM ID, 9/32 IN. OD	EA	2
12	16	PAOZZ	5930-00-909-8586	110047	93410 THERMOSTAT, PREHEAT	EA	1

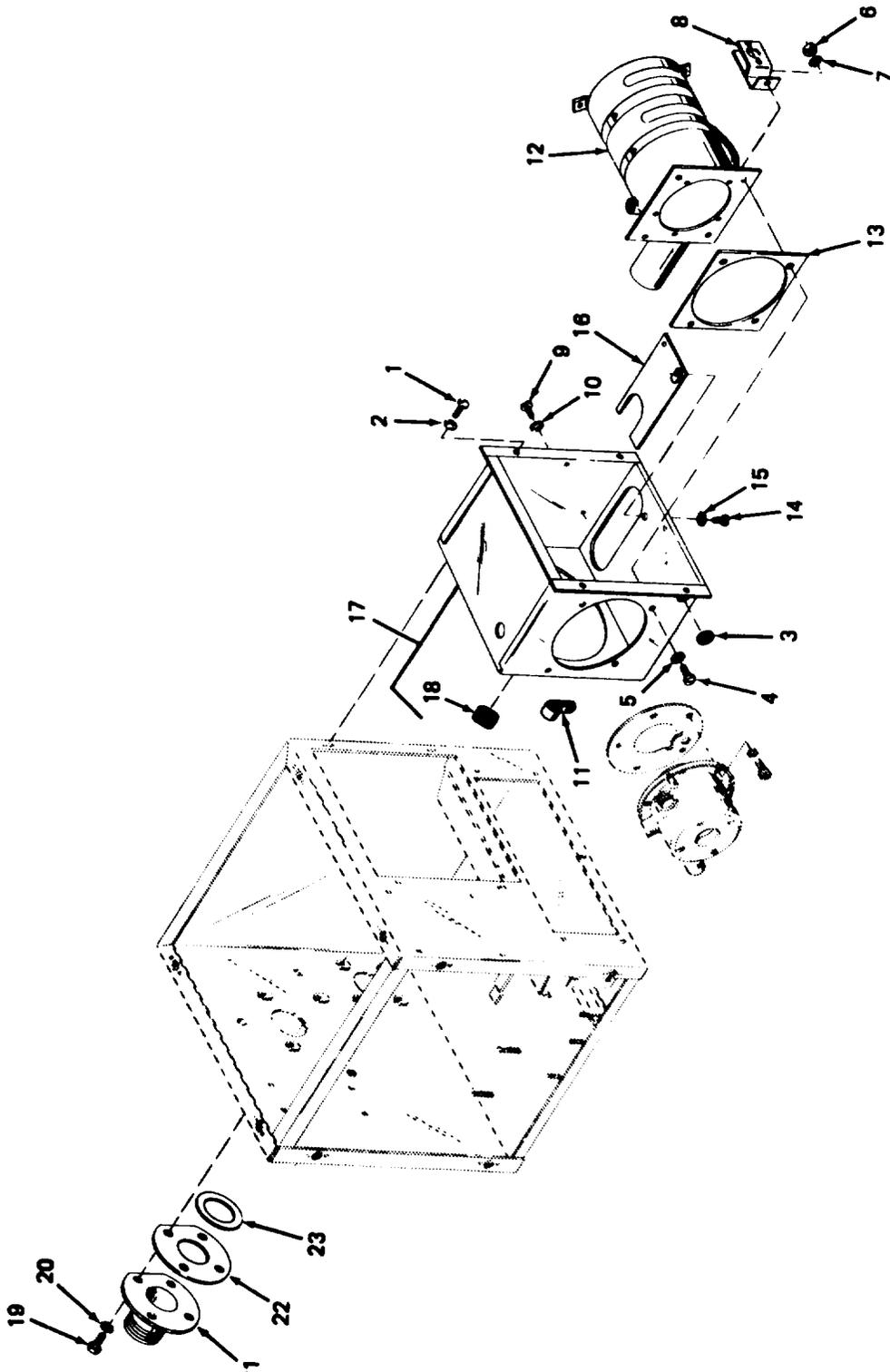


TS 4520-240-24P/13

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION Usable On Code	U/M	QTY INC IN UNIT
13	1	PAOZZ		170296	92878	GROUP: 05 BURNER ASSEMBLY CLAMP, HOSE	EA	2
13	2	PAOZZ	4720-01-024-2592	48402-01	92878	HOSE, AIR: FLEXIBLE, NEOPRENE CTD FIBERGLASS, 3/4 IN. OD, 0.041 IN. WALL, 8-1/2 IN. LG	EA	1
13	3	PAOZZ	4520-00-406-7094	2-48174-02	92878	IGNITER ASSEMBLY	EA	1
13	4	PAOZZ	5330-00-245-5503	N676	11583	GASKET, IGNITER: STL, CD PL, 9/16 IN. ID, 23/32 IN. OD, 1/16 IN. THK	EA	1
13	5	PAOZZ		48862-02	92878	PLUG ASSEMBLY, GLOW	EA	1
13	6	PAOZZ	5330-00-245-5503	N676	11583	GASKET, GLOW PLUG: STL, CD PL, 9/16 IN. ID, 23/32 IN. OD, 1/16 IN. THK	EA	1
13	7	PAFZZ	5305-01-022-1950	7520	92878	SCREW, CAP: SCH, NO. 10-24 NC, 3/8 IN. LG	EA	5
13	8	PAFZZ	4520-00-406-7103	S48380	92878	HEAD, BURNER	EA	1
13	9	PAFZZ	5330-00-489-3332	48677	92878	GASKET, BURNER HEAD	EA	1

Figure 13. Burner assembly.

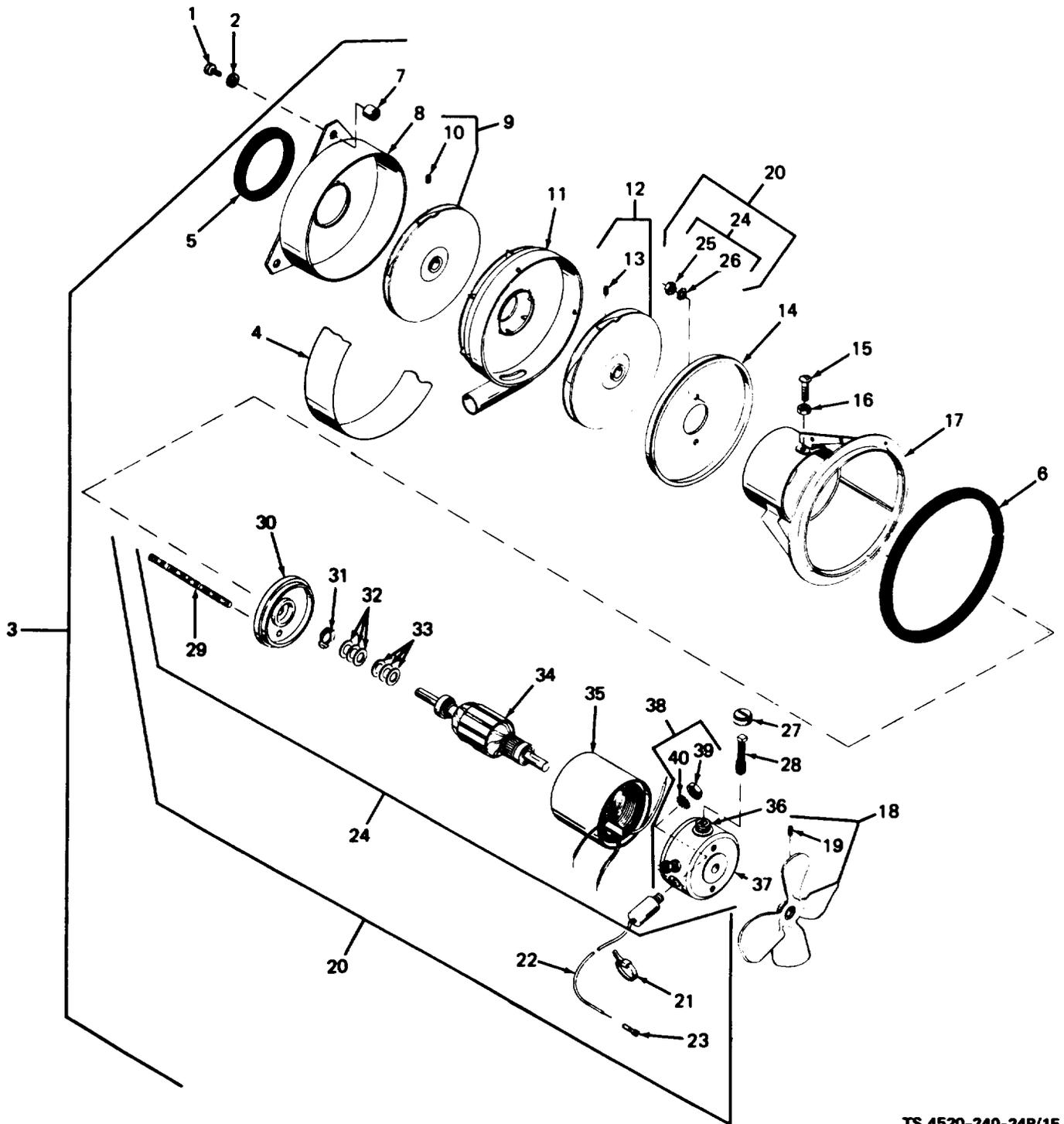
(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
TMS-4520-240-24P							
GROUP: 06 HEAT EXCHANGER						USABLE ON CODE	
14	1	PAFZZ	5305-01-021-6824	3922	92878 SCREW, MACHINE: PNH, STL, CD PL, NO. 8-32 NC, 5/16 IN. LG	EA	4
14	2	PAFZZ	5310-00-559-0070	MS35333-38	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 8 NOM ID, 21/64 IN. OD, 0.023 IN. THK	EA	4
14	3	PAFZZ	5325-00-276-4993	763	70485 GROMMET, RUBBER: NEOPRENE, 9/32 IN. ID, 9/16 IN. OD, 1/4 IN THK	EA	1
14	4	PAFZZ	5305-01-022-3856	6292	92878 SCREW, MACHINE: PNH, STL, CD PL, NO. 10-24 NC, 9/16 IN. LG	EA	1
14	5	PAFZZ	5310-00-193-7486	1210-00	78189 WASHER, LOCK: STL, CD PL, INTL TOOTH, NO. 10 NOM ID, 3/8 IN. OD	EA	1
14	6	PAFZZ		8064	92878 NUT, PLAIN HEXAGON: STL, CD PL, NO. 10-24 NC, 3/8 IN. WIDE, 1/8 IN. THK	EA	1
14	7	PAFZZ	5310-00-596-7691	1110	78189 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 10 NOM ID, 3/8 IN. OD	EA	1
14	8	XBZZ		2-48937	92878 BRACKET	EA	1
14	9	PAFZZ	5305-00-984-6208	MS35206-261	96906 SCREW, MACHINE: PNH, CROSS- RECESSED, STL, CD PL, NO. 10-24 UNC-2A, 3/8 IN. LG	EA	5
14	10	PAFZZ	5310-00-193-7486	1210-00	78189 WASHER, LOCK: STL, CD PL INTL TOOTH, NO. 10 NOM ID, 3/8 IN. OD	EA	5
14	11	PAFZZ	5340-00-103-2900	C488655-24D	78553 CLAMP, HARNESS: STL, CD PL, 3/8 IN. WIDE, 13/16 IN. LG	EA	1
14	12	PAFZZ	4520-00-450-9455	S48796	92878 EXCHANGER, HEAT	EA	1
14	13	PAFZZ	5330-00-406-3729	48054	92878 GASKET	EA	1
14	14	PAFZZ	5305-00-984-4983	MS35206-226	96906 SCREW, MACHINE: PNH, SLOTTED, STL, CD PL, NO. 6-32 NC, 1/4 IN. LG	EA	1
14	15	PAFZZ	5310-00-889-2708	MS45904-54	96906 WASHER, LOCK: STL, CD PL, INTL-EXT TOOTH, NO. 6 NOM ID, 1/2 IN. OD, 0.028 IN. THK	EA	1
14	16	XBZZ		2-48716	92878 PLATE, EXHAUST	EA	1
14	17	XBZZ		2-48902	92878 HOUSING, HEAT EXCHANGER	EA	1
14	18	MFFZZ		10603-01	92878 TUBE, RUBBER: NEOPRENE, 45-55 DUROMETER, 1/4 IN. ID, 3/32 IN. WALL, 3/8 IN. LG; MANUFACTURE FROM TUBING, PN 10603 (92878)	EA	4
14	19	PAOZZ	5305-00-068-0500	26826	92878 SCREW, MACHINE: HEX HD, STL, CD PL, 1/4-20 NC, 1/2 IN. LG	EA	4
14	20	PAOZZ	5310-00-550-1130	MS35333-40	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, 1/4 IN. NOM ID, 15/32 IN. OD, 0.028 IN. THK	EA	4
14	21	PAOZZ	4520-00-406-7093	2-48506	92878 CONNECTION, EXHAUST: 1-1/4 IN. NPT	EA	1
14	22	PAOZZ	5330-00-909-1882	48077	GASKET, EXHAUST	EA	1
14	23	XBOZZ		47035	92878 WASHER, EXHAUST: ALUMINIZED STL, 1.262 IN. ID, 2 IN. OD, 0.0179 IN. THK	EA	1



TS 4520-240-24P/14

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P (6)		
					GROUP: 07 BLOWER ASSEMBLY		
					USABLE ON CODE		
15	1	PAFZZ	5305-01-022-1938	3405	92878 SCREW, MACHINE: PNH, SLOTTED, STL, CD PL, 1/4-20 NC, 1 IN. LG	EA	3
15	2	PAFZZ	5310-00-550-1130	MS35333-40	96906 WASHER, LOCK: STL, CD PL, INTL TOOTH, 1/4 IN. NOM ID, 15/32 IN. OD, 0.028 IN. THK	EA	3
15	3	PAFZZ	4520-00-406-7104	S48502	92878 BLOWER ASSEMBLY	EA	1
15	4	MFFZZ		10657-03	92878 TAPE, SEALING: MANUFACTURE FROM BULK TAPE, PN P6910D (99742)	EA	1
15	5	PAFZZ	5330-00-411-9081	48678	92878 GASKET: NEOPRENE	EA	1
15	6	PAFZZ	5330-00-411-9082	48679	92878 GASKET, FAN SHROUD	EA	1
15	7	PAFZZ	5340-00-408-5932	D1420-733	04714 MOUNT, SHOCK	EA	3
15	8	XAFZZ		S48492	92878 HOUSING, BLOWER	EA	1
15	9	XAFZZ		1-47413	92878 IMPELLER, FAN	EA	1
15	10	PAFZZ	5305-00-719-5346	MS51963-35	96906 SETSCREW, HEX SCH, CUP PT, STL, CD PL, NO. 8032 NC, 1/4 IN. LG	EA	1
15	11	XAFZZ		S48528	92878 FAN AND TUBE	EA	1
15	12	XAFZZ		1-47413	92878 IMPELLER, FAN	EA	1
15	13	PAFZZ	5305-00-719-5346	MS51963-35	96906 SETSCREW: HEX SCH, CUP PT, STL, CD PL, NO. 8-32 NC, 1/4 IN. LG	EA	1
15	14	XAFZZ		48715	92878 PLATE, BACK	EA	1
15	15	PAFZZ	5305-00-988-1723	MS35206-279	96906 SCREW, MACHINE: PNH, CROSS- RECESSED, STL, CD PL, 1/4-20 UNC-2A, 1/2 IN. LG	EA	3
15	16	PAFZZ	5310-00-761-6882	MS51967-2	96906 NUT, PLAIN HEXAGON: STL, CD PL, 1/4-20 NC, 7/16 IN. WIDE, 7/32 IN. THK	EA	3
15	17	XAFZZ		2-48758	92878 MOUNTING, MOTOR	EA	1
15	18	PAFZZ	4140-00-224-8436	0-5520-4	60399 FAN	EA	1
15	19	PAFZZ	5305-00-719-5346	MS51963-35	96906 SETSCREW: HEX SCH, CUP PT, STL, CD PL, NO. 8-32 UNC-3A, 1/4 IN. LG	EA	1
15	20	PAFZZ	6105-00-192-9795	S48727	92878 MOTOR ASSEMBLY	EA	1
15	21	PAFZZ	5975-00-727-5153	TY23M	59730 TY-RAP, SELF-LOCKING	EA	1
15	22	MFFZZ		2-48969-06	92878 WIRE ASSEMBLY: GREY, FROM MOTOR TO RELAY, 6 IN. LG MANUFACTURE FROM WIRE, PNI0771-03 (92878)	EA	1
15	23	PAFZZ		51315	81263 TERMINAL: 1/16 IN. ID, 3/16 IN. OD, 1/8 IN. TIP DIA, 17/32 IN. LG	EA	1

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
15	24	XAFZZ		YZ1U020K	62119 MOTOR, DC	EA	1
15	25	PAFZZ	5310-00-934-9757	MS35649-282	96906 NUT, PLAIN HEXAGON: STL, CD PL, NO. 8-32 NC-2B, 11/32 IN. NOM WIDE, 1/8 IN. NOM THK	EA	2
15	26	PAFZZ	5310-00-596-7693	MS35335-31	96906 WASHER, LOCK: STL, CD PL, EXT TOOTH, NO. 8 NOM ID, 3/8 IN. OD, 0.023 IN. THK	EA	2
15	27	PAOZZ		14P29-1	62119 CAP, BRUSH, 1/2-27 NS-2B	EA	2
15	28	PAOZZ	5977-00-224-8473	25T18A3	62119 BRUSH AND SPRING ASSEMBLY	EA	2
15	29	XAFZZ		21S8	62119 STUD, CASE: STL, NO. 8-32 UNC-2A, 4-1/2 IN. LG	EA	2
15	30	XAFZZ		39TY12M1	62119 HEAD, REAR	EA	1
15	31	XBZZ		34A16	62119 WASHER, SPRING	EA	1
15	32	XBZZ		34T263-6	62119 WASHER, SPACER: STL, 0.010 IN. THK	EA	3
15	33	XBZZ		34T265-4	62119 WASHER, SPACER: STL, 0.005 IN. THK	EA	3
15	34	XAFZZ		15TY20U3	62119 ARMATURE ASSEMBLY	EA	1
15	35	XAFZZ		32TY1-281	62119 FIELD AND SHELL ASSEMBLY	EA	1
15	36	XAFZZ		62P137-1	62119 TUBE, BRUSH	EA	2
15	37	XAFZZ		39TY11A13	62119 HEAD ASSEMBLY, BRUSH	EA	1
15	38	PAFZZ	5910-01-032-1118	NFT2H47402TA	14655 CAPACITOR: 0.470 MFD, 10 AMP, 200 VDC, 5/16-24 UNF-2A, 9/16 IN. DIA, 1-1/4 IN. LG	EA	1
15	39	PAFZZ	5310-00-891-1752	MS35691-14	96906 NUT, PLAIN HEXAGON: STL, CD PL, 5/16-24 UNF-2B, 1/2 IN. WIDE, 3/16 IN. THK	EA	1
15	40	PAFZZ	5310-00-514-6674	MS35335-34	96906 WASHER, LOCK: STL, CD PL, EXT TOOTH, 5/16 IN. NOM ID, 19/32 IN. OD, 0.034 IN. THK	EA	1



TS 4520-240-24P/15

Figure 15. Blower assembly.

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
TMS-4520-240-24P							
(6)							
GROUP: 08 BULK MATERIAL							
BULK	PAFZZ	5330-00-184-8102	DC100	03938	CORK, SHEET: CORK-RBR, 3/16 IN. THK	SH	
BULK	PAFZZ	8135-00-266-5016	P6910D	99742	TAPE, SEALING: OLIVE DRAB, 2 IN. WIDE, PER PP-T-60 TYPE IV CLI	FT	
BULK	PAFZZ		10528	92878	SLEEVE, FIBERGLASS: SILICONE RBR, PER MIL-I-3190 GR HCI, 0.075 IN. NOM ID, 7 IN. LG	FT	
BULK	PAFZZ		10603	92878	TUBING, RUBBER: NEOPRENE, 45-55 DUROMETER, 1/4 IN. ID, 3/32 IN. WALL	FT	
BULK	PAFZZ		10736	92878	WIRE, ELECTRICAL: ORANGE, NYLON JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10739	92878	WIRE, ELECTRICAL: VIOLET, NYLON JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10762	92878	WIRE, ELECTRICAL: 16 GA PER MIL-W-16878-4A TYPE E	FT	
BULK	PAFZZ		10763	92878	WIRE, ELECTRICAL: GREEN, TEFLON, 16 GA, PER MIL-W-16878/4A TYPE E	FT	
BULK	PAFZZ		10764	92878	WIRE, ELECTRICAL: ORANGE, TEFLON, 16 GA, PER MIL-W-16878/4A TYPE E	FT	
BULK	PAFZZ		10766	92878	WIRE, ELECTRICAL: ORANGE, NYLON JACKET, 16 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10768	92878	WIRE, ELECTRICAL: GREEN, NYLON JACKET, 16 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10769	92878	WIRE, ELECTRICAL: JACKET, 16 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10770	92878	WIRE, ELECTRICAL: YELLOW, NYLON JACKET, 16 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10771	92878	WIRE, ELECTRICAL: GREY, NYLON JACKET, 16 GA, PER MIL-W-16878/1 TYPE B	FT	

USABLE ON CODE

(1) ILLUSTRATION (A) FIG NO.	(2) (B) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
					TMS-4520-240-24P		
					(6)		
						USABLE ON CODE	
BULK	PAFZZ		10773	92878	WIRE, ELECTRICAL: VIOLET, NYLON JACKET, 16 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZ Z		10774	92878	WIRE, ELECTRICAL: RED, NYLON JACKET, 16 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10778	92878	WIRE, ELECTRICAL: WHT/BLK, NYLON JACKET, 16 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10785	92878	WIRE, ELECTRICAL: GREEN, NYLON JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10787	92878	WIRE, ELECTRICAL: 22 GA, PER MIL-W-16878/4A TYPE B	FT	
BULK	PAFZZ		10788	92878	WIRE, ELECTRICAL: YELLOW, TEFLON, 22 GA, PER MIL-W-16878/4A TYPE B	FT	
BULK	PAFZZ		10789	92878	WIRE, ELECTRICAL: ORANGE, TEFLON, 22 GA, PER MIL-W-16878/4A TYPE B	FT	
BULK	PAFZZ		10790	92878	WIRE, ELECTRICAL: WHITE, TEFLON, 22 GA, PER MIL-W-16878/4A TYPE B	FT	
BULK	PAFZZ		10791	92878	WIRE, ELECTRICAL: GREY, TEFLON, 22 GA, PER MIL-W-16878/4A TYPE B	FT	
BULK	PAFZZ		10792	92878	WIRE, ELECTRICAL: 22 GA, PER MIL-W-16878/4A TYPE B	FT	
BULK	PAFZZ		10793	92878	WIRE, ELECTRICAL: GREEN, TEFLON, 22 GA, PER MIL-W-16878/4A TYPE B	FT	
BULK	PAFZZ		10794	92878	WIRE, ELECTRICAL: RED, TEFLON, 22 GA, PER MIL-W-16878/4A TYPE B	FT	
BULK	PAFZZ		10795	92878	WIRE, ELECTRICAL: YELLOW, NYLON JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10796	92878	WIRE, ELECTRICAL: JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10798	92878	WIRE, ELECTRICAL: RED, NYLON JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10799	92878	WIRE, ELECTRICAL: GREY, NYLON JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10816	92878	WIRE, ELECTRICAL: JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	
BULK	PAFZZ		10818	92878	WIRE, ELECTRICAL: WHT/BLK, NYLON JACKET, 20 GA, PER MIL-W-16878/1 TYPE B	FT	

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.	
2910-00-710-6054	6	3	5305-00-984-6208	14	9
2910-00-905-9792	5	2	5305-00-988-1723	15	15
2920-01-025-9667	8	33	5305-01-022-1938	15	1
4140-00-224-8436	15	18	5305-01-022-3055	8	25
4520-00-406-3343	8	40	5305-01-022-3856	14	4
4520-00-406-3345	6	7	5310-00-045-3299	8	8
4520-00-406-7093	14	21	5310-00-193-7486	8	2
4520-00-406-7094	13	3		14	5
4520-00-406-7096	8	3		14	10
4520-00-406-7099	8	23	5310-00-209-0788	3	10
4520-00-406-7101	8	35		3	37
4520-00-406-7103	13	8	5310-00-261-6192	10	3
4520-00-406-7104	15	3	5310-00-337-8329	2	3
4520-00-406-7105	10	4		2	8
4520-00-450-9455	14	12	5310-00-514-6674	15	40
4520-00-876-8267	3	24	5310-00-550-1130	6	2
4520-00-906-6264	8	5		14	20
4520-00-962-2186	8	41		15	2
4530-00-901-1328	8	18	5310-00-559-0070	2	11
4710-01-022-5886	7	22		2	14
4710-01-022-6267	7	1		2	17
4710-01-022-6268	7	7		3	2
4720-01-024-2592	13	2		3	7
4730-00-011-4627	12	4		7	17
4730-00-011-8831	5	1		8	30
	8	4		14	2
4730-00-230-1996	7	19	5310-00-579-0079	8	26
4730-00-278-8763	12	3		9	2
4730-00-810-0059	7	20		9	5
4730-00-882-6942	7	14		10	21
4730-00-956-5238	7	13		12	9
	7	15		12	12
	7	21		12	15
4730-00-972-1630	7	26	5310-00-596-7691	14	7
4730-01-023-2626	7	18	5310-00-596-7693	10	2
4730-01-023-2713	12	7		10	6
5305-00-054-6650	3	9		15	26
	9	1	5310-00-616-3554	3	41
	12	11	5310-00-761-6882	6	1
5305-00-068-0500	14	19		15	16
5305-00-543-2752	8	7	5310-00-889-2708	14	15
5305-00-719-5346	15	10	5310-00-891-1752	15	39
	15	13	5310-00-898-8220	3	36
	15	19		10	9
5305-00-889-3002	3	6	5310-00-934-9757	10	1
	8	29		15	25
5305-00-984-4981	8	20	5320-01-021-1916	2	22
5305-00-984-4982	12	14	5320-01-021-1917	4	1
5305-00-984-4983	14	14		4	3
5305-00-984-4988	3	35		4	5
5305-00-984-6206	8	1	5325-00-276-4205	2	19

TM5-4520-240-24P

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5325-00-276-4230	8	34	5910-01-032-1118	15	38
	10	7	5920-00-043-2644	12	1
5325-00-276-4993	14	3	5920-00-892-9311	3	33
5325-00-282-0624	2	2	5930-00-539-7013	3	4
	2	7	5930-00-655-1514	3	5
5325-00-641-0531	2	23	5930-00-876-8493	12	13
5325-00-835-6439	12	5	5930-00-909-8586	12	16
5330-00-143-4766	6	6	5930-00-990-5179	3	32
5330-00-184-8102	BULK		5930-01-022-5123	3	25
5330-00-245-5503	13	4	5935-00-088-8964	3	49
	13	6	5935-00-137-4669	3	42
5330-00-248-3842	8	38	5935-00-846-8665	3	50
5330-00-321-0982	8	11	5935-00-878-3565	3	45
5330-00-406-3729	14	13	5935-00-954-8879	3	43
5330-00-411-9081	15	5	5940-00-949-8304	9	8
5330-00-411-9082	15	6	5940-00-954-3366	10	17
5330-00-489-3332	13	9	5945-00-402-1698	9	3
5330-00-496-0066	5	4	5945-01-021-5685	12	10
5330-00-847-1357	8	19	5961-00-102-0367	10	11
5330-00-909-1882	14	22	5961-00-192-6262	10	16
5330-01-020-9748	8	42	5975-00-727-5153	15	21
5340-00-103-2900	14	11	5977-00-224-8473	15	28
5340-00-205-5244	2	4	6105-00-192-9795	15	20
5340-00-408-5932	15	7	6685-00-401-7149	12	2
5340-00-449-2609	3	34	6685-00-930-0601	12	6
5360-00-193-1654	8	39	8135-00-266-5016	BULK	
5365-00-103-9799	8	32	9320-00-143-6804	6	13
5905-00-279-2637	10	15			

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
AA8137	98410	11	37	BB8138	98410	11	35
		11	39			11	58
		11	41			11	61
A106055	31771	6	5			11	64
A106057	31771	6	6			11	66
A106079	31771	6	9	BB8141	98410	11	31
A106097	31771	6	4	C106224	31771	6	12
A106216	31771	6	11	C4886S5-24D	78553	14	11
A221-10	98410	11	55	DC100	03938	BULK	
		11	57	D1420-733	04714	15	7
A234-06	98410	11	43	FFT1	98410	11	60
		11	45			11	63
		11	47	F10X3	79960	5	3
		11	49	F2X79T3	79960	5	5
		11	1	F7X184	79960	5	7
A48170A	92878	8	3	F8X56	79960	5	6
A48230A	92878	3	3	G251A13	73760	12	6
A542	93410	12	13	HKP15A250V	71400	3	33
A7413742	00000	5	4	IN5401	84076	10	16
BB8138	98410	10	19	JS47-153DEGF	65289	3	25
		11	33	MS25043-14D	96906	3	42

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
MS3100R14S7P	96906	3	45	MS51967-2	96906	15	16
MS3100R14S7SX	96906	3	43	NFT2H47402TA	14655	15	38
MS3108R14S7PX	96906	3	49	N1030B	97539	3	4
MS3108R14S7S	96906	3	50	N3040	97539	3	32
MS35058-22	96906	3	5	N676	11583	13	4
MS35206-224	96906	8	20			13	6
MS35206-225	96906	12	4	P6910D	99742	BULK	
MS35206-226	96906	14	14	SM30-370DEGF	93410	3	24
MS35206-228	96906	3	35	SS48152	61864	2	4
MS35206-241	96906	2	10	S48221A	92878	3	48
		2	13	S48298B	92878	10	4
		2	16	S48380	92878	13	8
		10	5	S48492	92878	15	8
MS35206-242	96906	3	6	S48502	92878	15	3
		8	29	S48528	92878	15	11
MS35206-259	96906	8	1	S48700	92878	2	21
MS35206-261	96906	14	9	S48727	92878	15	20
MS35206-279	96906	15	15	S48744	92878	2	9
MS35265-45	96906	8	7	S48746	92878	2	6
MS35333-37	96906	8	26	S48747	92878	2	1
		9	2	S48796	92878	14	12
		9	5	TY23M	59730	15	21
		10	21	W3400X2	79470	7	20
		12	9	YZ1U020K	62119	15	24
		12	12	0-5520-4	60399	15	18
		12	15	013440	78480	8	5
MS35333-38	96906	2	11	013441	78480	8	13
		2	14	013443	78480	8	12
		2	17	0700	78480	8	9
		3	2	07283	78480	8	6
		3	7	07398	78480	8	11
		7	17	09196	78480	8	14
		8	30	09439	78480	8	10
		14	2	1-47413	92878	15	9
MS35333-40	96906	6	2			15	12
		14	20	1-48304-05	92878	7	7
		15	2	1-48304-06	92878	7	1
MS35335-30	96906	3	10	1-48348A	92878	8	33
		3	37	1-48436-03	92878	3	8
MS35335-31	96906	15	26	1-48453-01	92878	3	12
MS35335-34	96906	15	40	10241-02	92878	7	24
MS35649-282	96906	3	22	1033	92878	3	36
		10	1			10	9
		15	25	1047	92878	3	15
MS35691-14	96906	15	39			3	40
MS39162-2	96906	7	26	10528	92878	BULK	
MS45904-54	96906	14	15	10603	92878	BULK	
MS51086-1	96906	5	2	10603-01	92878	14	18
MS51321-1	96906	6	3	10657-03	92878	15	4
MS51957-26	96906	3	9	10664-11	92878	7	12
		9	1	10664-15	92878	7	6
		12	11	10736	92878	BULK	
MS51963-35	96906	15	10	10736-03	92878	11	15
		15	13	10736-04	92878	11	16
		15	19	10739	92878	BUI	
MS51967-2	96906	6	1	10739-02	92878	11	17

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
10739-05	92878	11	18	110047	93410	12	16
10759-01	92878	10	27	1104	78189	3	14
10762		92878	BULK			3	41
10763	92878	BULK		1106	78189	3	19
10764	92878	BULK		1107	70485	3	34
10766	92878	BULK		1108	78189	3	23
10766-05	92878	11	9			10	2
10766-07	92878	11	10			10	6
10768	92878	BULK		1110	78189	14	7
10768-05	92878	11	8	1210-00	78189	8	2
10769	92878	BULK				14	5
10770	92878	BULK				14	10
10770-02	92878	3	17	125X3-16	11699	7	23
10770-14	92878	11	6	1259	70485	8	34
10771	92878	BULK				10	7
10773	92878	BULK		12806	92878	9	4
10773-03	92878	11	25			10	20
10773-11	92878	11	7			12	8
10774	92878	BULK		1383	71002	3	20
10774-01	92878	11	1			3	38
		11	2	14P29-1	62119	15	27
10774-11	92878	11	3	147712	00000	10	13
10778	92878	BULK		15TY20U3	62119	15	34
10778-09	92878	11	4	1530A	71785	10	17
10778-10	92878	11	5	1554	92878	8	8
10778-20	92878	3	16	170296	92878	13	1
10785	92878	BULK		170559	92878	4	4
10785-03	92878	11	11	186	11583	10	26
10785-05	92878	11	12	2-18-77-545	02697	8	21
10785-06	92878	1	13	2-48113-02	92878	8	22
10787	92878	BULK		2-48174-02	92878	13	3
10787-01	92878	11	20	2-48195	92878	8	18
10787-02	92878	11	21	2-48324-01	92878	8	24
10787-03	92878	11	22	2-48344	92878	8	37
10788	92878	BULK		2-48364-02	92878	7	22
10788-01	92878	11	23	2-48440-02	92878	3	11
10789	92878	BULK		2-48457-01	92878	3	30
10789-02	92878	11	24	2-48458	92878	12	10
10790	92878	BULK		2-48506	92878	14	21
10790-01	92878	11	25	2-48524	92878	2	15
10791	92878	BULK		2-48716	92878	14	16
10791-03	92878	11	26	2-48753	92878	10	22
10792	92878	BULK		2-48758	92878	15	17
10792-01	92878	11	27	2-48838	92878	8	15
10793	92878	BULK		2-48902	92878	14	17
10793-01	92878	11	28	2-48937	92878	14	8
10794	92878	BULK		2-48960-01	92878	11	30
10794-01	92878	11	29	2-48962-01	92878	11	42
10795	92878	BULK				11	54
10796	92878	BULK		2-48963-02	92878	11	59
10796-05	92878	11	14	2-48964-02	92878	11	56
10798	92878	BULK		2-48965-05	92878	10	18
10799	92878	BULK		2-48965-06	92878	11	32
10816	92878	BULK		2-48967-12	92878	11	34
10818	92878	BULK		2-48969-06	92878	15	22
10818-06	92878	11	19	2-48970-02	92878	11	62

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
2-48971-01	92878	11	65	3922	92878	7	16
2-48972-01	92878	11	36			14	1
2-48973-01	92878	11	44	3990	92878	3	21
2-48973-02	92878	11	46	4008-14-00	78189	10	3
2-48974-01	92878	11	48	4011	92878	3	18
2-48975-01	92878	11	50			4	1
2-48976-01	92878	11	52			4	3
2-48977-01	92878	11	38			4	5
2-48978-01	92878	11	40	4034	92878	8	38
2-6-77-545	02697	8	19	470HMLW	44655	10	15
2N4347	77609	10	11	47035	92878	14	23
21S8	62119	15	29	47316	92878	8	39
212-12D	71286	2	23	47638-01	92878	8	16
2196S	70485	12	5	48026N	92878	4	6
2200	90005	6	7	48045	92878	3	26
230	70485	2	19	48051	92878	3	44
25T18A3	62219	15	28			3	46
260U	30327	7	2	48054	92878	14	13
		7	4	48077	92878	14	22
		7	8	48089	92878	2	20
		7	10	48138-03	92878	8	23
2600-3	71286	2	2	48183	92878	1	3
		2	7	48193	92878	1	2
2600LW	71286	2	3	48235-01	92878	8	27
		2	8	48256	92878	10	23
261U	30327	7	3	48279	92878	12	2
		7	5	48318A	92878	4	7
		7	9	48336	92878	8	40
		7	11	48343	92878	8	41
268P	30327	7	14	48352	92878	8	35
26809	92878	10	8	48355	92878	8	32
26826	92878	14	19	48356A	92878	10	25
269P	30327	7	13	48365A	92878	7	25
		7	15	48402-01	92878	13	2
		7	21	48433	92878	3	31
300-006	07406	8	42	48443	92878	3	28
307020	75915	12	1	48444	92878	3	29
3150X2	79470	5	1	48522	92878	2	12
		8	4	48603C	92878	3	47
32TY1-281	62119	5	35	48604-04	92878	4	2
3259	92878	3	27	48664	92878	2	18
3325X2	79470	8	17	48677	92878	13	9
3326X2	79470	7	9	48678	92878	15	5
33330	92878	12	7	48679	92876	15	6
34A16	62119	15	31	48709	92878	1	1
34T263-6	92119	15	32	48715	92878	15	14
34T265-4	62119	15	33	48738	92878	2	5
34005-5	98410	9	8	48745	92878	10	24
3405	92878	15	1	48862-02	92878	13	5
3422	98410	9	6	5005-87	79136	6	8
3423	98410	9	7	5100HM2W	44655	10	14
3584	92878	3	39	51315	81263	11	53
3648	92878	3	13			15	23
39TY11A13	62119	15	37	5381	92878	10	12
39TY12M1	62119	15	30	5404	92878	8	25
3922	92878	3	1	5873	92878	9	3

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
5917	92878	10	10	68456	92878	6	13
5928	92878	2	22	68606	92878	8	36
60X4	79470	12	3	7520	92878	13	7
61X4	79470	12	4	763	70485	14	3
62P137-1	62119	15	36	7982997	00000	11	67
6292	92878	14	4	8064	92878	14	6
68330-01	92878	7	18	8338561	00000	11	69
68353	92878	8	31	8338562	00000	11	68
68355	92878	8	28	972015	31771	6	10

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The Adjutant General

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To be distributed in accordance with DA Form 12-25C, Organizational maintenance requirements for Heaters, Space: 15,000 BTU.



SOMETHING WRONG WITH THIS MANUAL?

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FROM: (YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE
 CoA, 3^d 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

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

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

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 ^D16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a 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

TEAR ALONG DOTTED LINE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE:

John Doe

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Material Readiness Command
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DATE

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HEATER, SPACE, MULTIFUEL

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

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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FIGURE NO.

TABLE NO.

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PAGE NO.

PARA-GRAPH

FIGURE NO.

TABLE NO.

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DA FORM 2028-2 (TEST)

1 AUG 74

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TEAR ALONG DOTTED LINE

FOLD BACK

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

To change	To	Multiply by	To change	To	Multiply by
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 meters	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 temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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