

TM 9-4120-429-24P

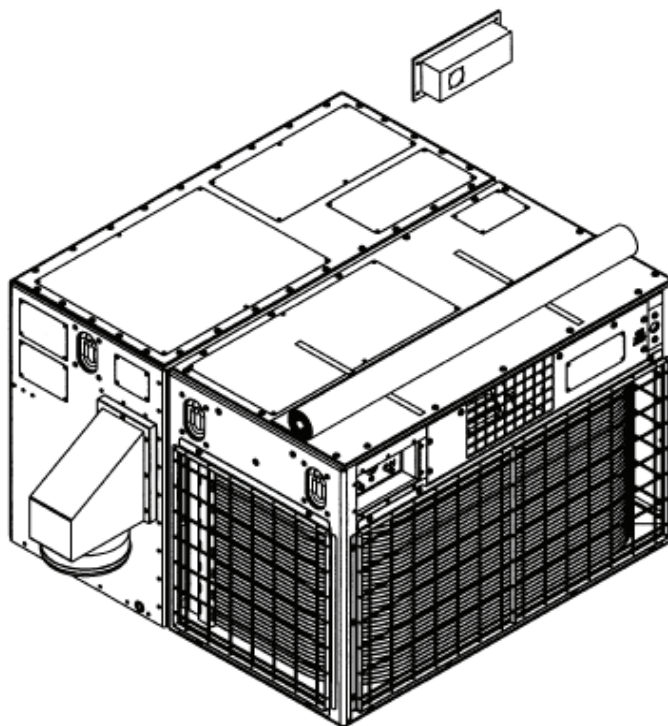
TECHNICAL MANUAL

REPAIR PARTS AND SPECIAL TOOLS LIST MANUAL FIELD AND SUSTAINMENT MAINTENANCE FOR

24,000 BTUH, SPLIT PACK ENVIRONMENTAL CONTROL UNIT (ECU)

F24H4-2

(NSN 4120-01-516-4715) (EIC: NA)



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15 AUGUST 2007

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HEADQUARTERS,
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 15 AUGUST 2007

TECHNICAL MANUAL

**REPAIR PARTS AND SPECIAL TOOLS LIST MANUAL
FIELD AND SUSTAINMENT MAINTENANCE**

FOR

**24,000 BTUH, SPLIT PACK ENVIRONMENTAL CONTROL UNIT
(ECU)**

F24H4-2

NSN 4120-01-516-4715(EIC:N/A)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) located in the back of this manual, directly to: Commander, U.S. Army Communications-Electronics Life Cycle Management Command (C-E LCMC) and Fort Monmouth, ATTN: AMSEL-LC-LEO-E-ED, Fort Monmouth, NJ 07703-5006. You may also send in your recommended changes via electronic mail or by fax. Our fax number is 732-532-1556, DSN 992-1556. Our e-mail address is MONM-AMSELLEOPUBSCHG@conus.army.mil. Our online web address for entering and submitting DA Form 2028s is <http://edm.monmouth.army.mil/pubs/2028.html>. A reply will be furnished to you.

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FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
INTRODUCTION

SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of Operator, Field and Sustainment maintenance of the Environmental Control Unit (ECU). It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. Repair Parts List Work Packages. Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets, filters, and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work packages. Repair parts kits are listed separately in their own functional group and work package. Repair parts for reparable special tools are also listed in a separate work package. Items listed are shown on the associated illustrations.
2. Special Tools List Work Packages. Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components of common tool sets and/or Class VII are not listed.
3. Cross-Reference Indexes Work Packages. There are three cross-reference indexes work packages in this RPSTL: the National Stock Number (NSN) Index work package, the Part Number (P/N) Index work package, and the Reference Designator Index work package. The National Stock Number Index work package refers you to the figure and item number. The Part Number Index work package refers you to the figure and item number. The Reference Designator Index work package refers you to the figure and item number.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR CODE (Column (2)). The SMR code containing supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout:

SOURCE CODE	MAINTENANCE CODE	RECOVERABILITY CODE	
XX	XX	X	
1st two positions: How to get an item.	3rd position: Who can install, replace, or use the item.	4th position: Who can do complete repair* on the item.	5th position: Who determines disposition action on unserviceable items.

*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

Source Code. The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow:

<u>SOURCE CODE</u>	<u>APPLICATION/EXPLANATION</u>
PA	Stock items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the 3rd position of the SMR code.
PB	
PC	
PD	
PE	
PF	
PG	
KD	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance level indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.
KF	
KB	Items with these codes are not to be requisitioned/requested individually. They must be made from bulk material which is identified by the P/N in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group work package of the RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at higher level, order the item from the higher level of maintenance.
MO-Made at unit/AVUM level	
MF-Made at DS/AVIM level	
MH-Made at GS level	
ML-Made at SRA	
MD-Made at depot	
AO-Assembled by unit/AVUM level	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
AF-Assembled by DS/AVIM level	
AH-Assembled by GS level	
AL-Assembled by SRA	
AD-Assembled by depot	
XA	Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to NOTE below.)
XB	If an item is not available from salvage, order it using the CAGEC and P/N.
XC	Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's P/N.
XD	Item is not stocked. Order an XD-coded item through normal supply channels using the CAGEC and P/N given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes except for those items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

Third Position. The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following levels of maintenance:

<u>MAINTENANCE CODE</u>	<u>APPLICATION/EXPLANATION</u>
C –	Crew or operator maintenance done within unit/AVUM maintenance.
O –	Unit level/AVUM maintenance can remove, replace, and use the item.
F –	Direct support/AVIM maintenance can remove, replace, and use the item.
H –	General support maintenance can remove, replace, and use the item.
L –	Specialized repair activity can remove, replace, and use the item.
D –	Depot can remove, replace, and use the item.

Fourth Position. The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

NOTE

Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

<u>MAINTENANCE CODE</u>	<u>APPLICATION/EXPLANATION</u>
O –	Unit/AVUM is the lowest level that can do complete repair of the item.
F –	Direct support/AVIM is the lowest level that can do complete repair of the item.
H –	General support is the lowest level that can do complete repair of the item.
L –	Specialized repair activity (<i>enter specialized repair activity designator</i>) is the lowest level that can do complete repair of the item.
D –	Depot is the lowest level that can do complete repair of the item.
Z –	Non-reparable. No repair is authorized.
B –	No repair is authorized. No parts or special tools are authorized for maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is shown in the fifth position of the SMR code as follows:

<u>RECOVERABILITY CODE</u>	<u>APPLICATION/EXPLANATION</u>
Z –	Non-reparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
O –	Reparable item. When uneconomically reparable, condemn and dispose of the item at the unit level.
F –	Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support level.
H –	Reparable item. When uneconomically reparable, condemn and dispose of the item at the general support level.
D –	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item are not authorized below depot level.
L –	Reparable item. Condemnation and disposal not authorized below Specialized Repair Activity (SRA).
A –	Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a five-digit code which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item.

PART NUMBER (Column (5)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), 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 you use an NSN to requisition an item, the item you receive may have a different P/N from the number listed.

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

1. The federal item name, and when required, a minimum description to identify the item.
2. P/Ns of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.
3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during a nuclear attack.
4. The statement END OF FIGURE appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). The QTY (quantity per figure) column indicates the quantity of the item used in the breakout shown on the illustration/figure, which is prepared for a functional group, sub-functional group, or an assembly. A "V" appearing in this column instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

**EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES
FORMAT AND COLUMNS**

1. National Stock Number (NSN) Index Work Package.

STOCK NUMBER Column. This column lists the NSN in National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN.

NSN
 (e.g., 5385-01-574-1476)
NIIN

When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

2. Part Number (P/N) Index Work Package. P/Ns in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

PART NUMBER Column. Indicates the P/N assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column."

3. Reference Designator Index Work Package. Reference designators in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combination which places the first letter or digit of each group in order "A" through "Z," followed by the numbers "0" through "9" and each following letter or digit in like order).

REFERENCE DESIGNATOR Column. Indicates the reference designator assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list or special tools list work package.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column."

SPECIAL INFORMATION

Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk material are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in TM 9-4120-429-14.

Index Numbers. Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the NSN / P/N index work packages and the bulk material list in the repair parts list work package."

Associated Publications. The publication(s) listed below pertains to the Air Conditioner:

<u>PUBLICATION</u>	<u>SHORT TITLE</u>
TM 9-4120-429-14	Operator's, Field and Sustainment Maintenance Manual

HOW TO LOCATE REPAIR PARTS

1. When NSNs or P/Ns Are Not Known.

First. Using the table of contents, determine the assembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and lists are divided into the same groups.

Second. Find the figure covering the functional group or the sub-functional group to which the item belongs.

Third. Identify the item on the figure and note the number(s).

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and part numbers are on the same line as the associated item numbers.

2. When NSN Is Known.

First. If you have the NSN, look in the STOCK NUMBER column of the NSN index work package. The NSN is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

3. When P/N Is Known.

First. If you have the P/N and not the NSN, look in the PART NUMBER column of the P/N index work package. Identify the figure and item number.

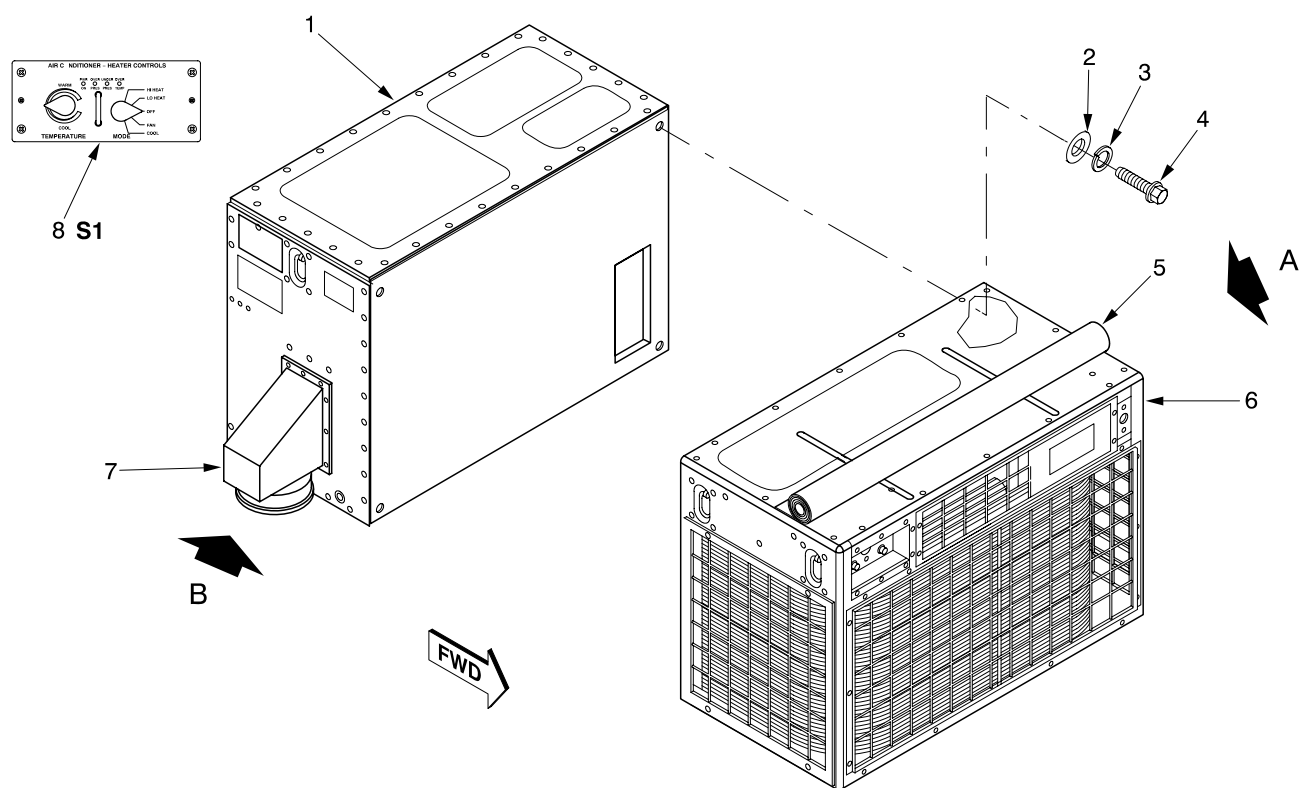
Second. Look up the item on the figure in the applicable repair parts list work package.”

4. When Reference Designator Is Known.

First. If you know the reference designator, look in the REFERENCE DESIGNATOR column of the reference designator index work package. Note the figure and item number.

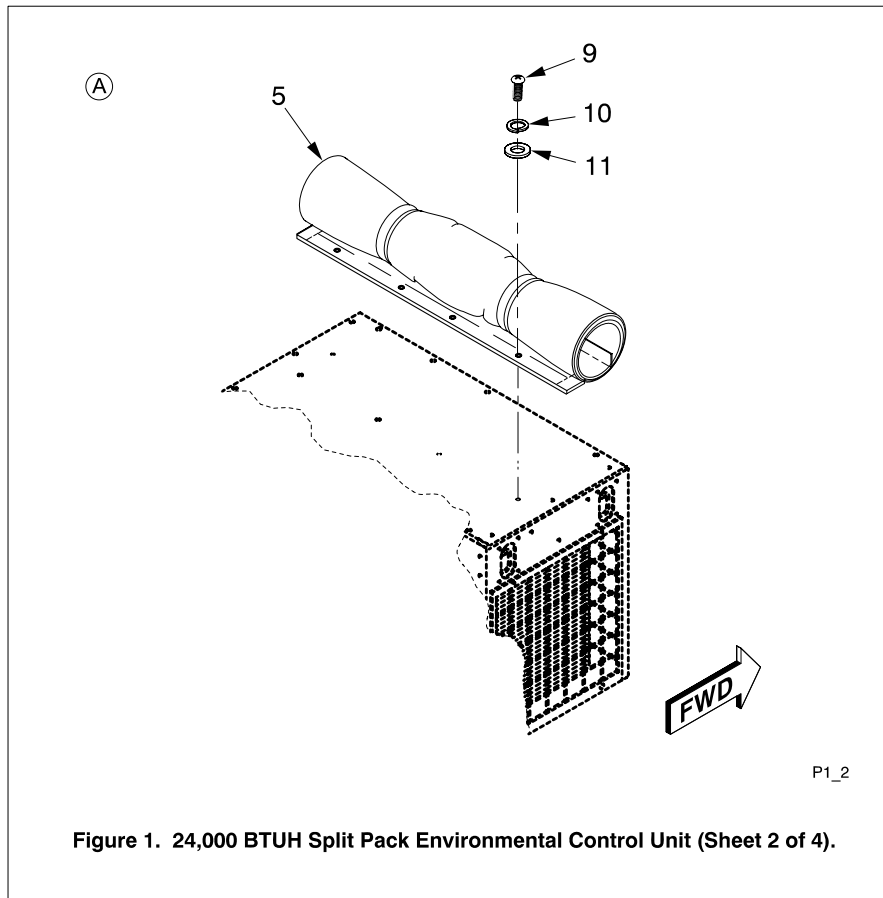
Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

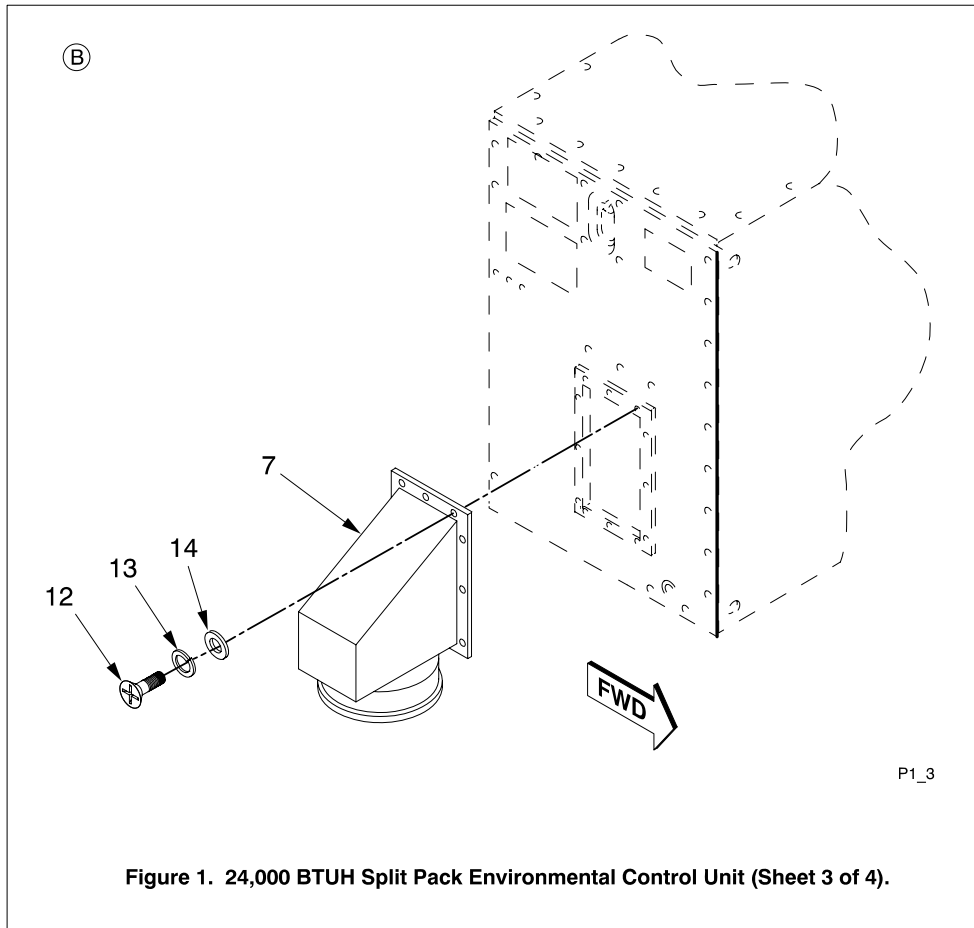
FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH SPLIT PACK
001T0000-1
REPAIR PARTS LIST



P1_1

Figure 1. 24,000 BTUH Split Pack Environmental Control Unit (Sheet 1 of 4).





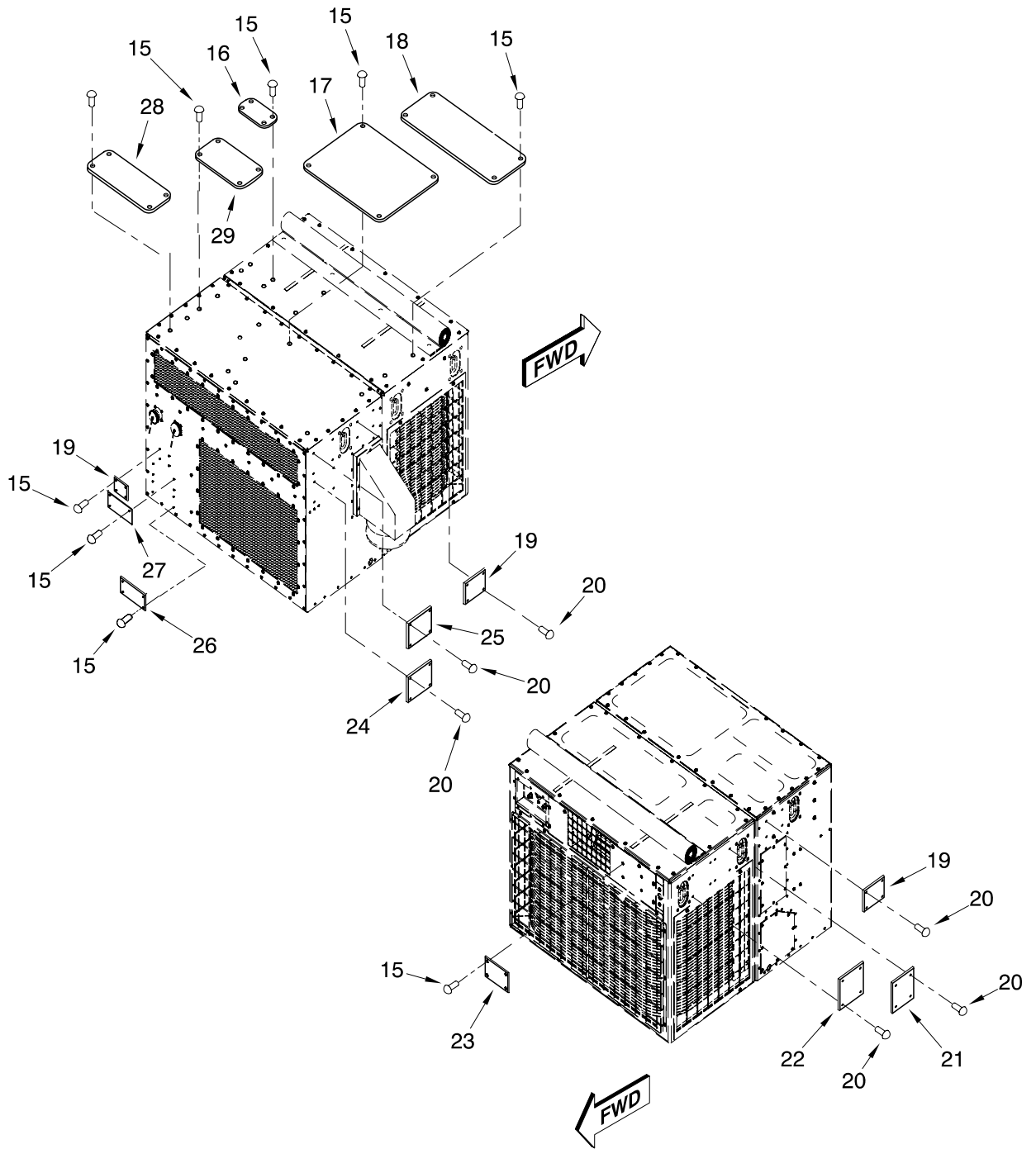


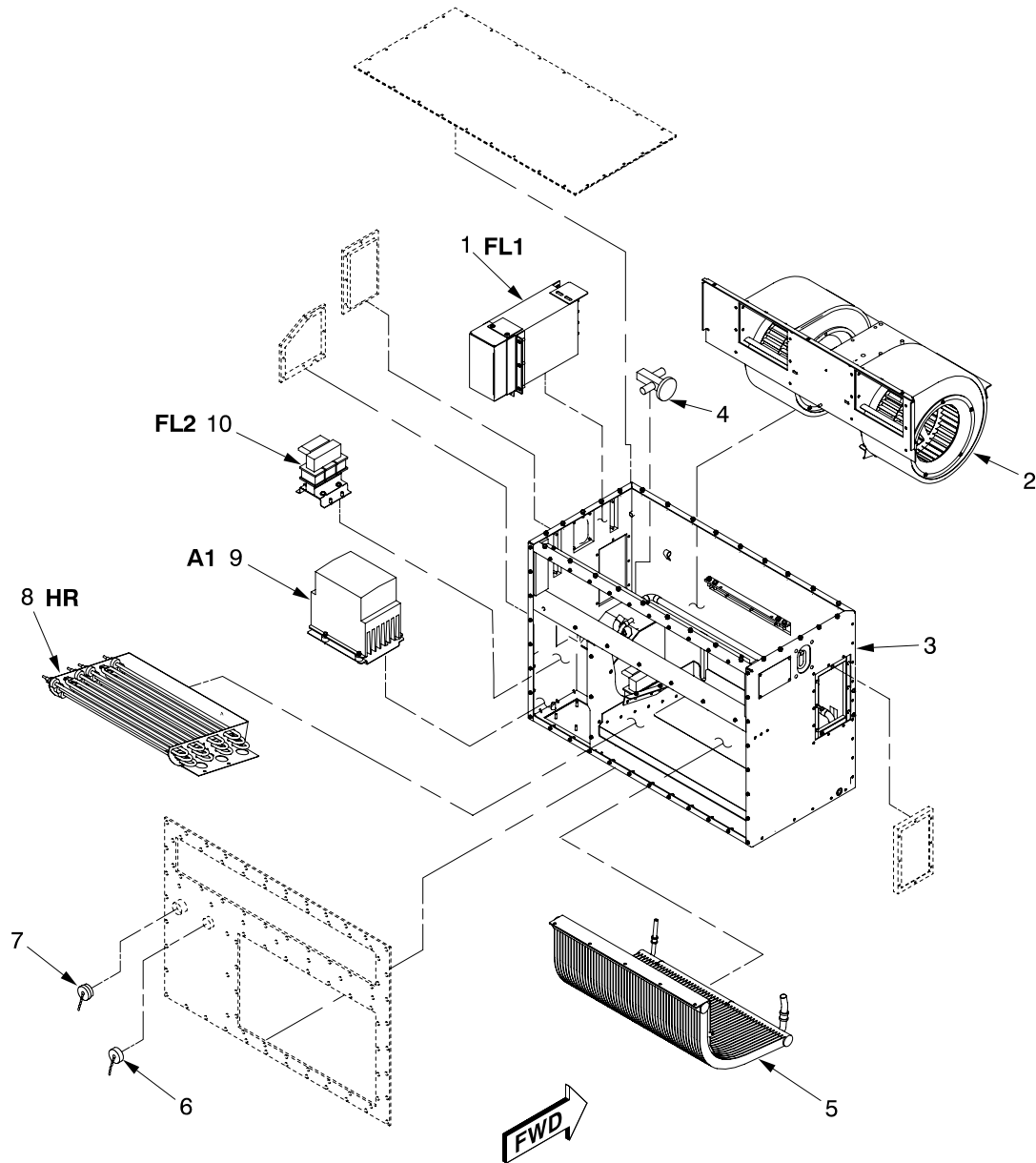
Figure 1. 24,000 BTUH Split Pack Environmental Control Unit (Sheet 4 of 4).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 00							
FIG. 1 24,000 BTUH SPLIT PACK ENVIRONMENTAL CONTROL UNIT							
001T0000-1							
1	XBOFF			1XPL6	001T0011-1	.EVAPORATOR ASSEMBLY	1
2	PAOZZ	5310-01-532-0321		30554	88-20033-31A	.WASHER, FLAT	4
3	PAOZZ	5310-01-478-5703		97403	13230E6744-46	.WASHER, LOCK	4
4	PAOZZ	5305-01-479-1193		97403	13230E6674-139A	.SCREW, MACHINE	4
5	PAOZZ	4130-01-550-0210		94833	500K2803	.FABRIC COVER	1
6	XBOFF			1XPL6	001T0012-1	.HEAT INTERCHANGER, REFRIGERANT	1
7	XDOZZ			94833	13221E9150-1	.DUCT, FRESH AIR	1
8	PAOZZ	6110-01-550-1733		1XPL6	001T0010-1	.REMOTE CONTROL BOX (NO PARTS AUTHORIZED)	1
9	PAOZZ	5305-01-500-3540		97403	13218E0493-1810PIIC	.SCREW MACHINE	4
10	PAOZZ	5310-01-500-2428		97403	13230E6744-43	.WASHER, LOCK	4
11	PAOZZ	5310-01-531-6085		30554	88-20033-10A	.WASHER, FLAT	4
12	PAOZZ	5305-01-550-7571		94833	500K2668-354	..SCREW, MACHINE	7
13	PAOZZ	5310-01-458-7561		97403	13230E6744-42	..WASHER, LOCK	7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 00							
FIG. 1 24,000 BTUH SPLIT PACK ENVIRONMENTAL CONTROL UNIT							
001T0000-1							
14	PAOZZ	5310-01-533-6741		30554	88-20033-8A	.WASHER, FLAT	7
15	PAOZZ	5320-00-932-1972		81349	M24243/6-A 402H	.RIVET, BLIND	42
16	XDOZZ			94833	120K2066	.PLATE, IDENTIFICATION	1
17	XDOZZ			94833	178K0406	.PLATE, ELECTRICAL SC	1
18	XDOZZ			94833	178K0405	.PLATE, WIRING DIAGRAM	1
19	XDOZZ			94833	13221E9152K	.PLATE, DANGER	3
20	PAOZZ	5320-00-882-8388		81349	M24243/6- A 403H	.RIVET, BLIND	24
21	XDOZZ			94833	120K2067	.PLATE, DATA	1
22	XDOZZ			94833	120K2039-1	PLATE, IDENTIFICATION	1
23	XDOZZ			94833	178K0410	.PLATE, CAUTION (CONDENSER)	1
24	XDOZZ			94833	120K2068	.PLATE, DATA	1
25	XDOZZ			94833	120K2039-2	.PLATE, IDENTIFICATION	1
26	XDOZZ			94833	178K0409	.PLATE, CAUTION (EVAPORATOR)	1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 00							
FIG. 1 24,000 BTUH SPLIT PACK ENVIRONMENTAL CONTROL UNIT							
001T0000-1							
27	XDOZZ			94833	178K0408	.PLATE, DANGER	1
28	XDOZZ			94833	120K2069	.PLATE, INSTRUCTION	1
29	XDOZZ			94833	178K0407	.PLATE, REFRIGERATION	1
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
EVAPORATOR ASSEMBLY
001T0011-1
REPAIR PARTS LIST



P2_1

Figure 2. Evaporator Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01							
FIG. 2 EVAPORATOR ASSEMBLY							
01T0011-1							
1	XBOZZ			1XPL6	001T0019-1	..EMI FILTER ASSEMBLY (See Figure 3, WP0004)	1
2	XBOOO			1XPL6	001T0017-1	..FAN, CENTRIFUGAL (See Figure 7, WP0008)	1
3	XBOOO			94833	178K0160-1	..FRAME, EVAPORATOR	1
4	PAOZZ	4820-01-550-7895		1XPL6	500T2597	..REGULATOR, THERMOSTAT (See Figure 15, WP0016)	1
5	PAFZZ	4130-01-550-6591		94833	178K0015-1	..EVAPORATOR COIL ASSEMBLY	1
6	PAOZZ	5935-01-176-1708		96906	MS25043-22DA	..COVER, ELECTRICAL CONNECTOR	1
7	PAOZZ	5935-01-312-3435		96906	MS27511F20CL	..COVER, PROTECTIVE ELECTRICAL	1
8	XBOOO			1XPL6	001T0016-1	..HEATER ELEMENT ASSEMBLY	1
9	XBOFF			94833	178K0018-1	..VARIABLE FREQUENCY ASSEMBLY (See Figure 10, WP0011)	1
10	XBOOO			94833	178K0326-1	..HARMONIC FILTER ASSEMBLY	1
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE

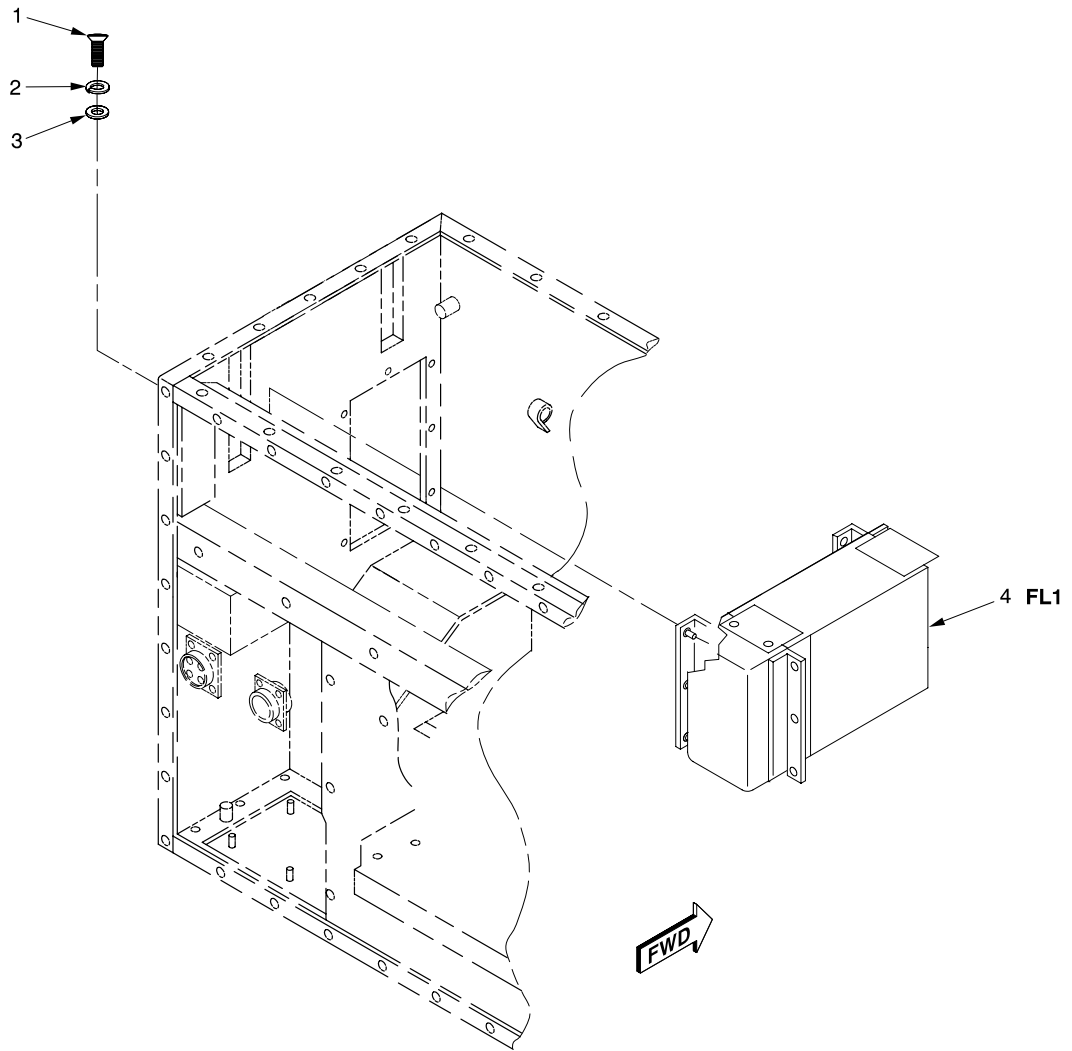
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK

(NSN 4120-01-516-4715)

EMI FILTER ASSEMBLY

001T0019-1

REPAIR PARTS LIST

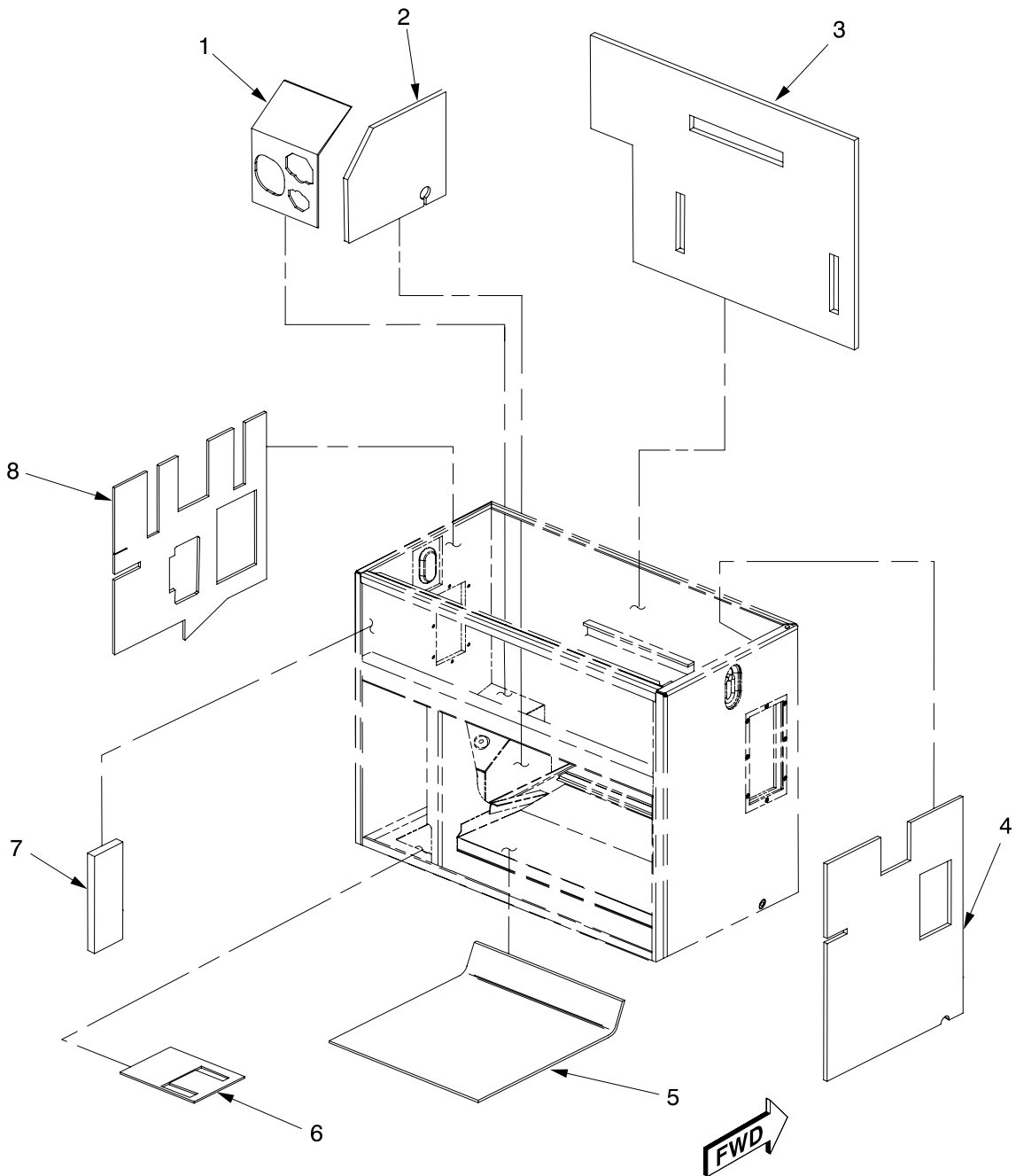


P3_1

Figure 3. EMI Filter Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
						GROUP 0101	
						FIG. 3 EMI FILTER ASSEMBLY	
						001T0019-1	
1	PAOZZ	5305-01-500-2315		97403	13218E0493-350PIIC	..SCREW, MACHINE	5
2	PAOZZ	5310-01-458-7561		97403	13230E6744-42	..WASHER, LOCK	5
3	PAOZZ	5310-01-533-6741		30554	88-20033-8A	..WASHER, FLAT	5
4	XBOZZ			1XPL6	001T0019-1	..EMI FILTER ASSEMBLY	1
						END OF FIGURE	

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
FRAME, EVAPORATOR
178K160-1
REPAIR PARTS LIST



P4_1

Figure 4. Evaporator Insulation (Sheet 1 of 2).

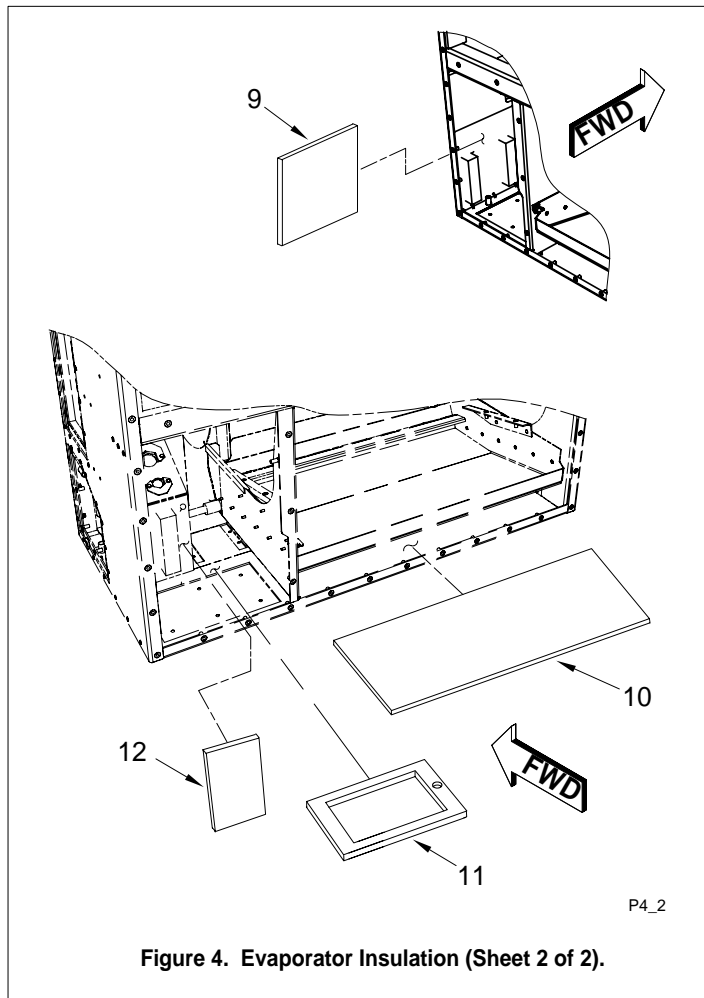


Figure 4. Evaporator Insulation (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0102							
FIG. 4 FRAME EVAPORATOR							
178K0160-1							
1	MOOZZ			94833	178K0027	..INSULATION Cut to Fit	1
2	MOOZZ			94833	178K0025	..INSULATION Cut to Fit	1
3	PAOZZ	5970-01-550-1697		94833	178K0054	..INSULATION Cut to Fit	1
4	MOOZZ			94833	178K0030	..INSULATION Cut to Fit	1
5	MOOZZ			94833	178K0053	..INSULATION Cut to Fit	1
6	MOOZZ			94833	178K0048	..INSULATION Cut to Fit	1
7	MOOZZ			94833	178K0056	..INSULATION Cut to Fit	2
8	MOOZZ			94833	178K0029	..INSULATION Cut to Fit	1
9	PAOZZ	5970-01-550-0121		94833	178K0322	..INSULATION, DRAIN PAN Cut to Fit	1
10	MOOZZ			94833	178K0329	..INSULATION Cut to Fit	1
11	MOOZZ			94833	178K0328	..INSULATION Cut to Fit	1
12	MOOZZ			94833	178K0327	..INSULATION Cut to Fit	1

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
EVAPORATOR COIL ASSEMBLY
178K0015-1
REPAIR PARTS LIST

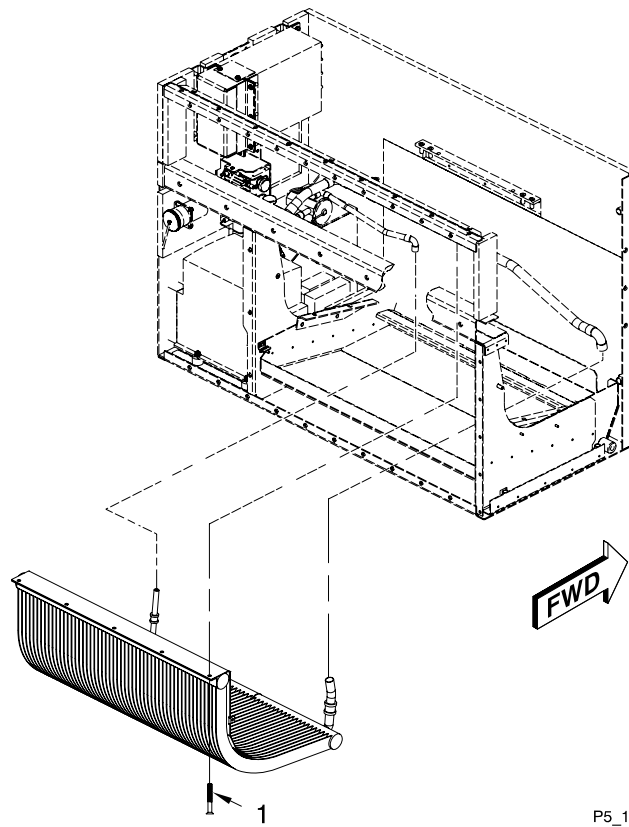


Figure 5. Evaporator Coil Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY

GROUP 0103

FIG. 5 EVAPORATOR COIL ASSEMBLY

178K0015-1

1	PAOZZ	5305-01-550-7160		94833	500K2668-1807	..SCREW, MACHINE	5
---	-------	------------------	--	-------	---------------	------------------	---

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
HEATER ASSEMBLY
00T0016-1
REPAIR PARTS LIST

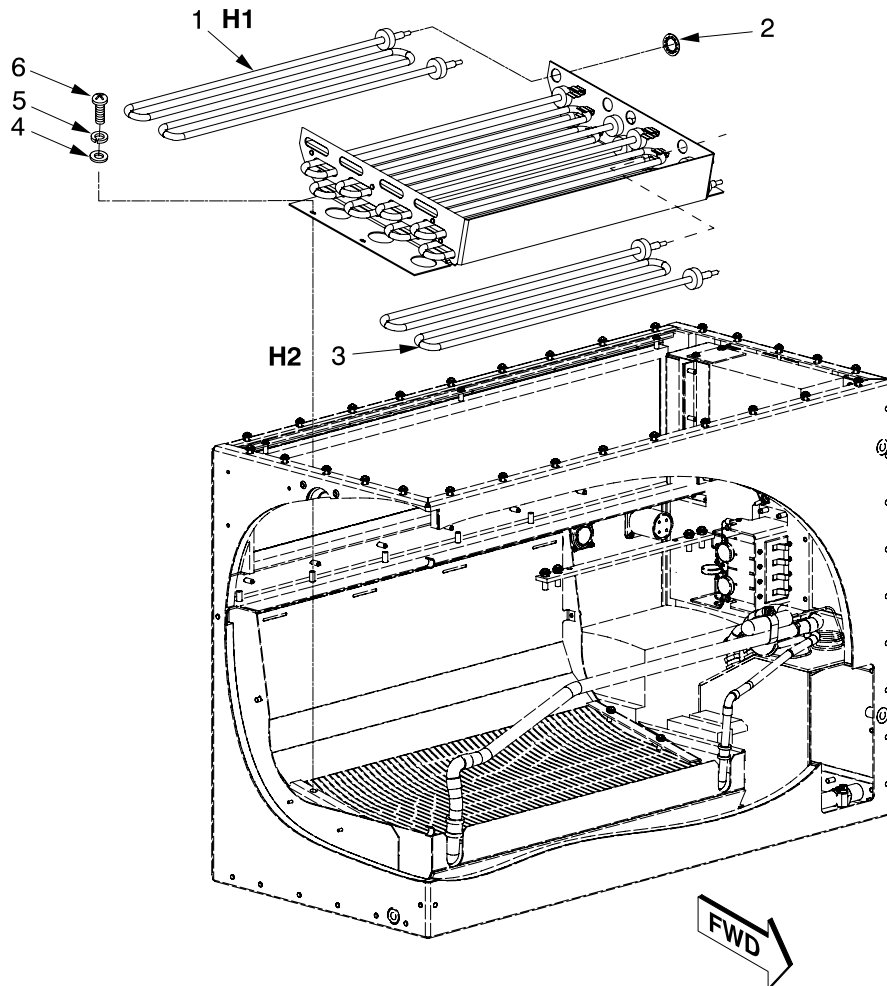


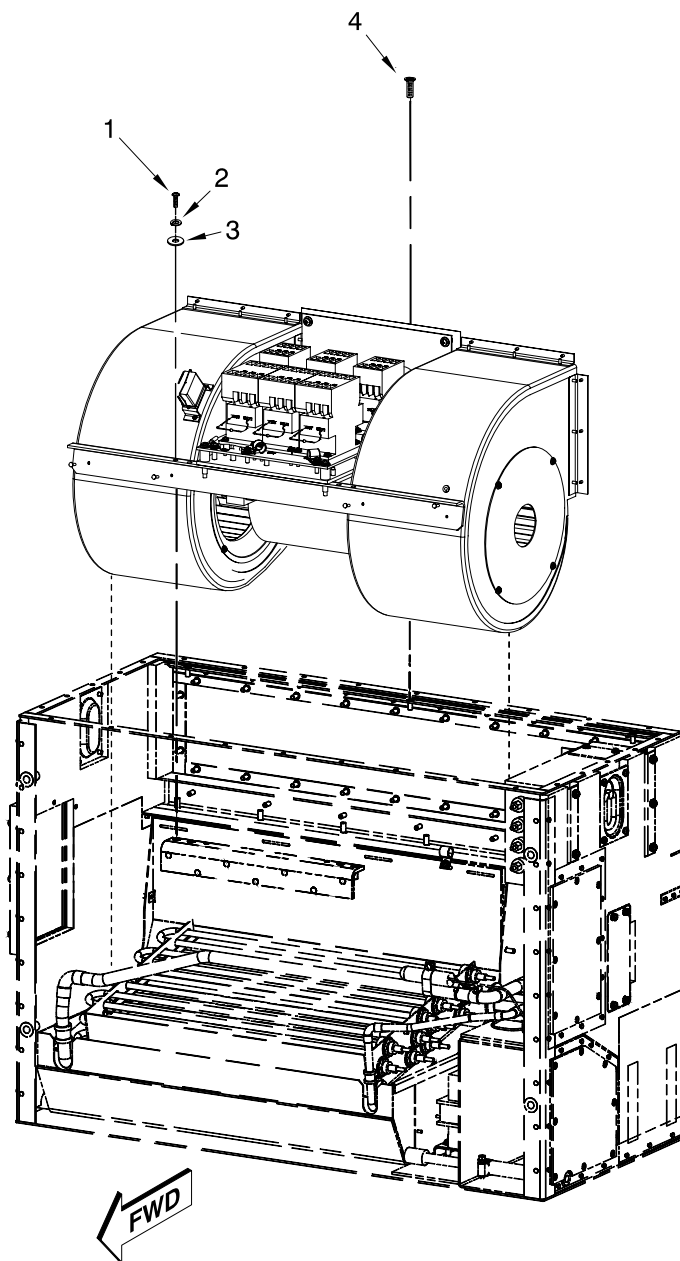
Figure 6. Heater Assembly.

P6_1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0104							
FIG. 6 HEATER ASSEMBLY							
001T0016-1							
1	PAOZZ	4520-01-550-6461		1XPL6	500T2585-1	...HEATING ELEMENT, ELE	3
2	PAOZZ	5310-00-184-9161		96906	MS35333-80	...WASHER, LOCK	12
3	PAOZZ			1XPL6	500T2585-2	...HEATING ELEMENT, ELE	3
4	PAOZZ	5310-01-533-6741		30554	88-20033-8A	..WASHER, FLAT	4
5	PAOZZ	5310-01-458-7561		97403	13230E6744-42	..WASHER, LOCK	4
6	PAOZZ	5305-01-549-9785		97403	13218E0493-347PIIC	..SCREW, MACHINE	4

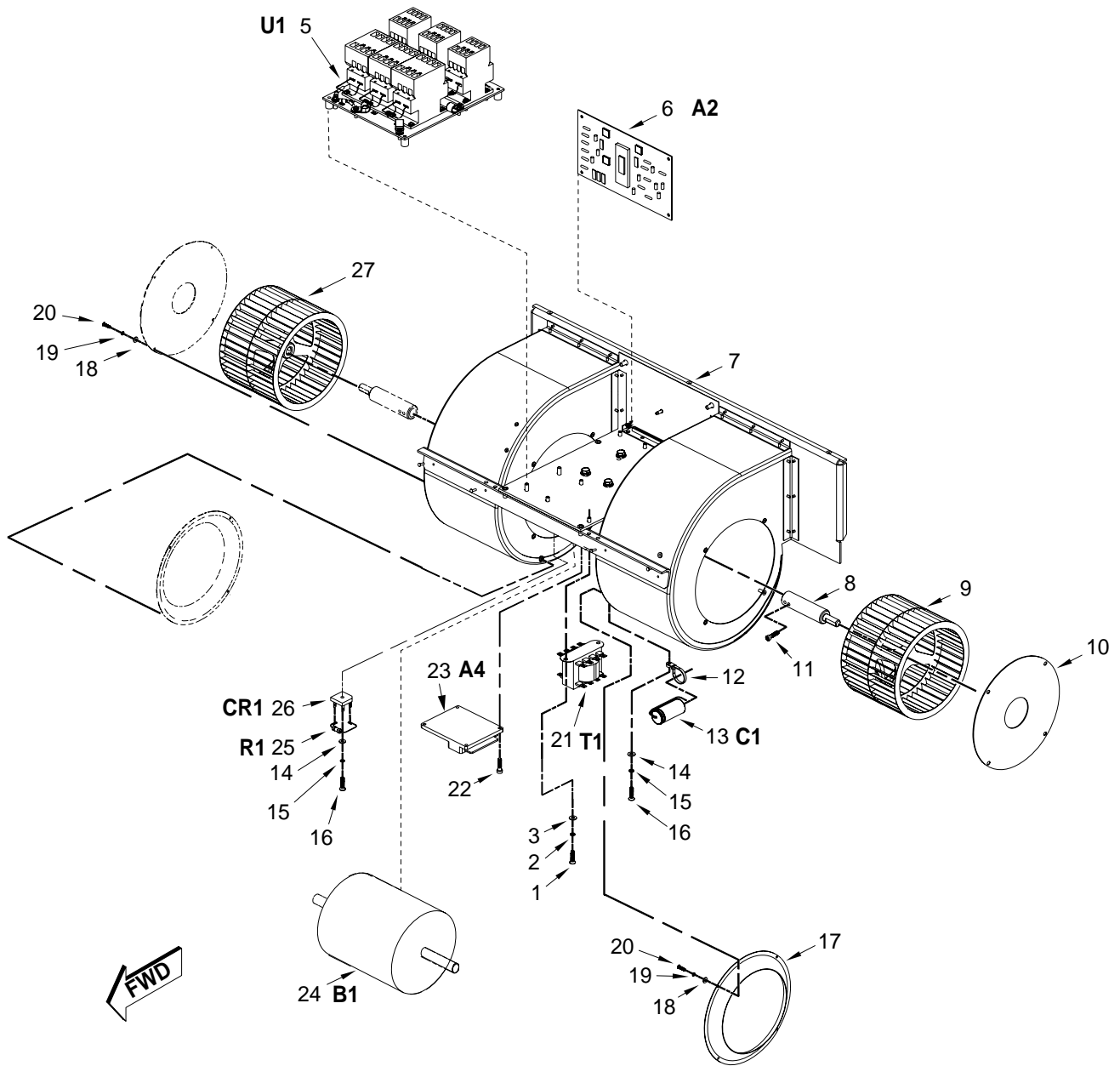
END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
BLOWER ASSEMBLY
00T0017-1
REPAIR PARTS LIST



P7_1

Figure 7. Blower Assembly (Sheet 1 of 2).



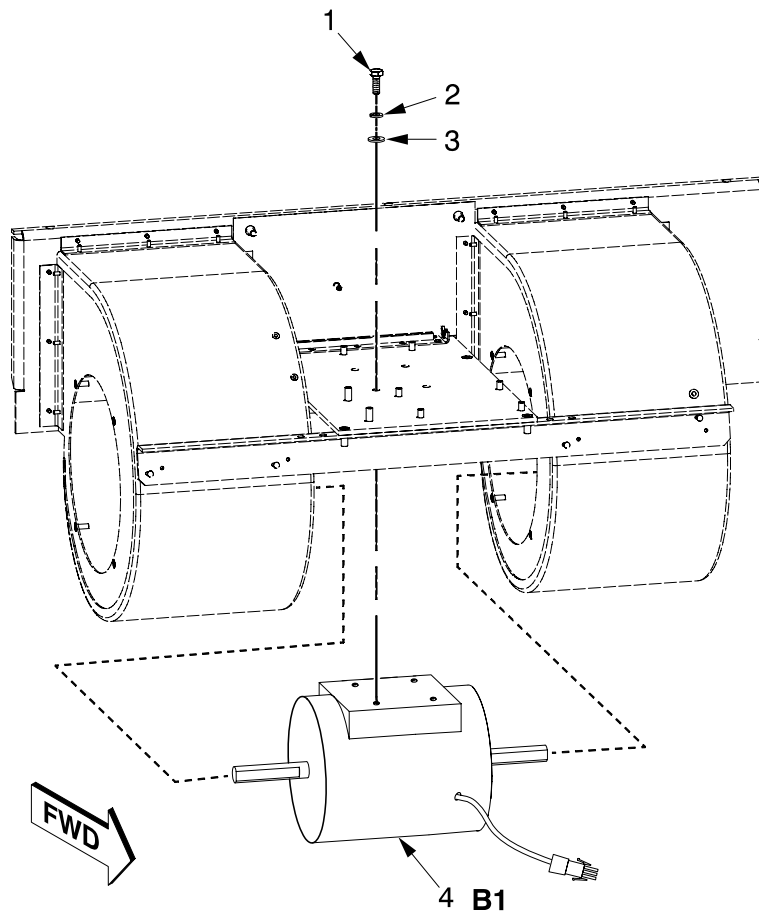
P7_2

Figure 7. Blower Assembly (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0105							
FIG. 7 BLOWER ASSEMBLY							
00T0017-1							
1	PAOZZ	5305-01-500-3540		97403	13218E0493-1810PIIC	...SCREW, MACHINE	4
2	PAOZZ	5310-01-500-2428		97403	13230E6744-43	...WASHER, LOCK	4
3	PAOZZ	5310-01-531-6085		30554	88-20033-10A	...WASHER, FLAT	4
4	PAOZZ	5305-01-550-1309		94833	500K2668-347	..SCREW, MACHINE	3
5	XBOOO			94833	178K0163-1	...RELAY ASSEMBLY (See Figure 10, WP0011)	1
6	PAOLL	5998-01-549-7929		1XPL6	001T0136-1	...CIRCUIT CARD ASSEMBLY (See Figure 9, WP0010)	1
7	XBOZZ			94833	178K0164-1	...BLOWER FRAME	1
8	XDOZZ			97403	13219E9561-5	...SHAFT EXTENSION	2
9	XDOZZ			94833	500K2808-1	...IMPELLER, FAN, LEFT	1
10	XDOZZ			94833	178K0404	...INLET PLATE, BLOWER	2
11	PAOZZ	5305-01-068-1869		80205	MS51964-134	...SET SCREW	4
12	XDOZZ	5975-00-906-2414		97403	13208E8536	...STRAP, TIE DOWN, ELECTRICAL	2
13	XDOZZ			94833	178K0143-1	...CAPACITOR ASSEMBLY	1
14	PAOZZ	5310-01-533-6741		30554	88-20033-8A	...WASHER, FLAT	2
15	PAOZZ	5310-01-458-7561		97403	13230E6744-42	...WASHER, LOCK	2
16	PAOZZ	5305-01-550-7891		97403	13218E0493-352PIIC	...SCREW, MACHINE	2
17	XDOZZ			94833	500K2600-10	...INLET RING	2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0105							
FIG. 7 BLOWER ASSEMBLY 00T0017-1							
18	PAOZZ	5310-01-531-5950		30554	88-20033-6A	...WASHER, FLAT	16
19	PAOZZ	5310-01-500-2424		97403	13230E6744-41	...WASHER, LOCK	16
20	PAOZZ	5305-01-549-9802		97403	13218E0493-327PIIC	...SCREW, MACHINE	16
21	PAOZZ	6120-01-550-1373		94833	500K2602	...TRANSFORMER	1
22	PAOZZ	5305-01-550-1320		94833	500K2668-351	...SCREW, MACHINE	4
23	PAOZZ	6120-01-550-1710		1XPL6	500T2662	...DC CONVERTER	1
24	PAOZZ			94833	500K2610	...MOTOR, ALTERNATING CURRENT (See Figure 8, WP0009)	1
25	PAOZZ	5905-01-078-0925		94833	111K3302-102	...RESISTOR, 5%, 2W	1
26	XDOZZ			94833	500K2616	...SEMICONDUCTOR DEVICE	1
27	XDOZZ			94833	500K2808-2	...IMPELLER, FAN, RIGHT	1
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
EVAPORATOR MOTOR
500K2610
REPAIR PARTS LIST

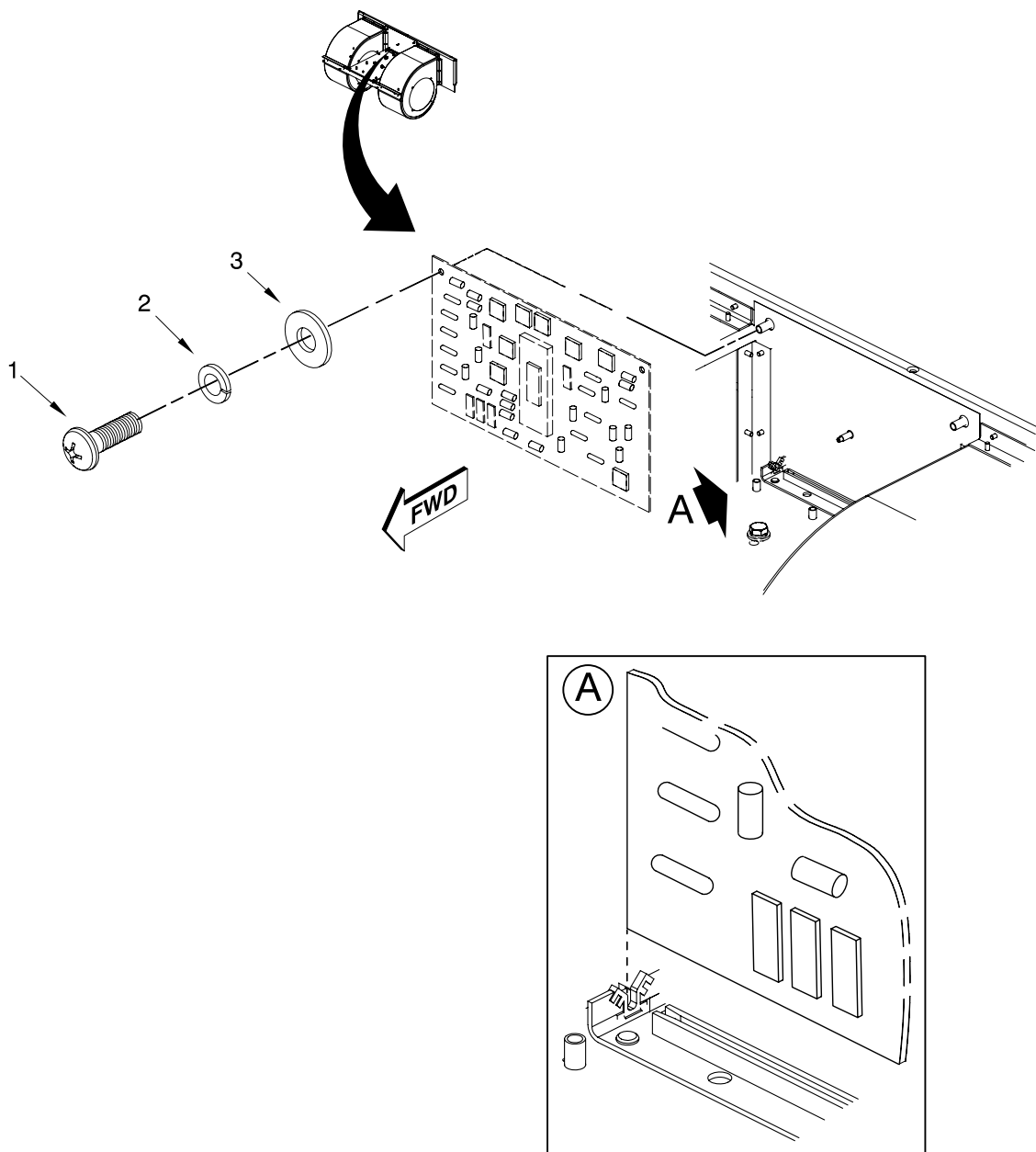


P8_1

Figure 8. Evaporator Motor.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0105 01							
FIG. 8 EVAPORATOR MOTOR							
500K2610							
1	PAOZZ	5305-01-479-1190		97403	13230E6674-96A	...SCREW, MACHINE	4
2	PAOZZ	5310-01-467-6832		97403	13230E6744-44	...WASHER, LOCK	4
3	PAOZZ	5310-01-103-6042		96906	MS51412-4	...WASHER, FLAT	4
4	XBOZZ			94833	500K2610	...MOTOR, ALTERNATING CURRENT	1
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
CIRCUIT CARD ASSEMBLY, CONTROL
001T0136-1
REPAIR PARTS LIST



P9_1

Figure 9. Circuit Card Assembly, Control.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY

GROUP 010502

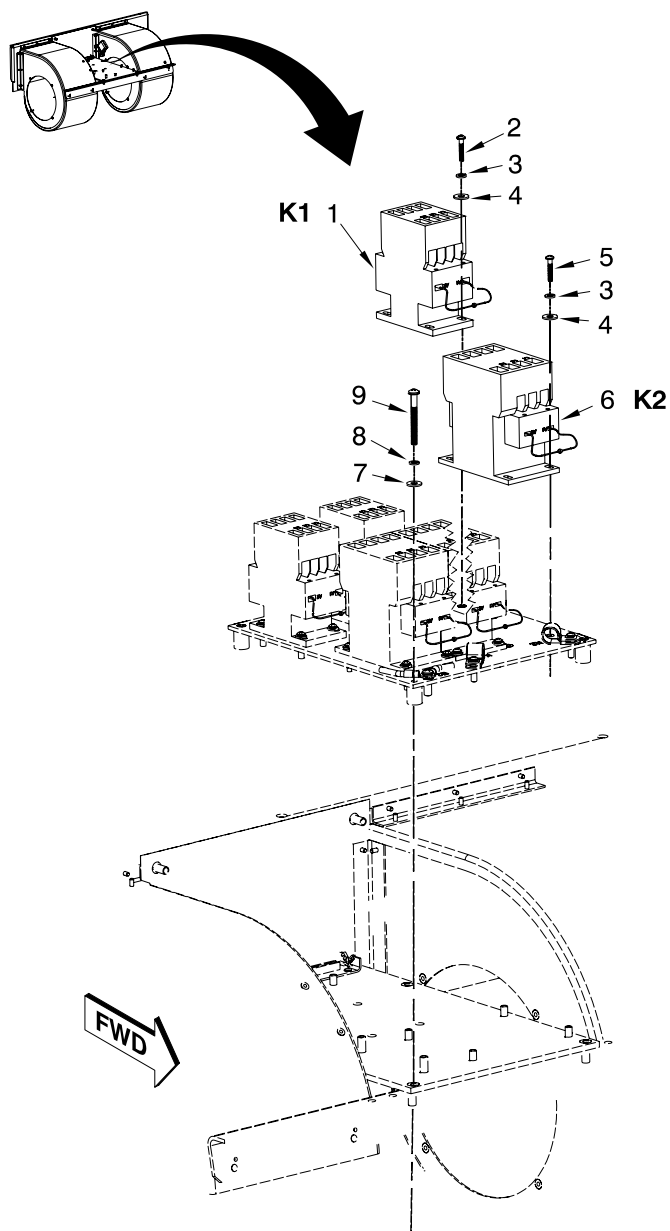
FIG. 9 CIRCUIT CARD
ASSEMBLY, CONTROL

001T0136-1

1	PAOZZ	5305-01-549-9777		97403	13218E0493-1809PIIC	...SCREW, MACHINE	2
2	PAOZZ	5310-01-500-2428		97403	13230E6744-43	...WASHER, LOCK	2
3	PAOZZ	5310-01-531-6085		30554	88-20033-10A	...WASHER, FLAT	2

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
 ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
 (NSN 4120-01-516-4715)
 RELAY ASSEMBLY
 178K0163-1
 REPAIR PARTS LIST

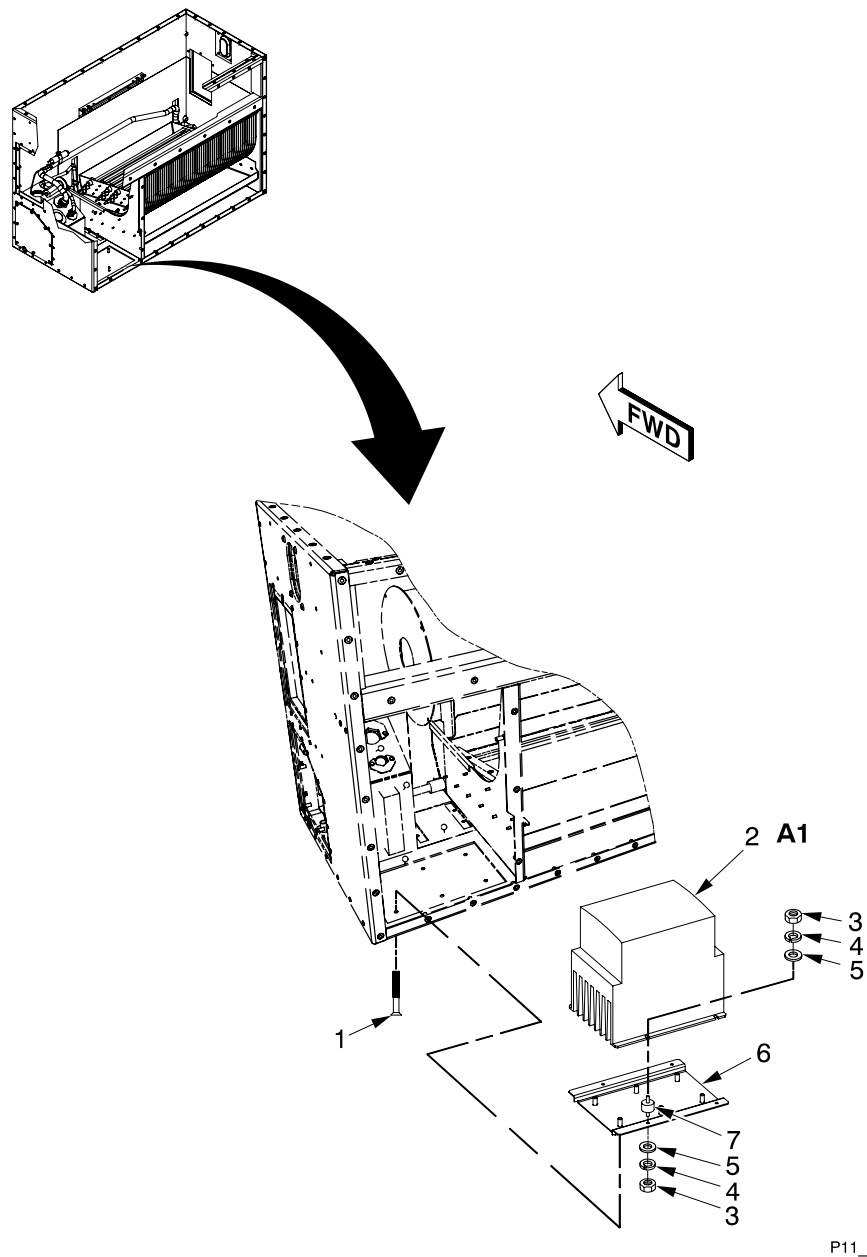


P10_1

Figure 10. Relay Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 010503							
FIG. 10 RELAY ASSEMBLY							
178K0163-1							
1	PAOZZ	5945-01-549-9573		1XPL6	500T2589	...CONTACTOR, K1	3
2	PAOZZ	5305-00-054-6656		96906	MS51957-32	...SCREW, MACHINE	12
3	PAOZZ	5310-01-500-2424		97403	13230E6744-41	...WASHER, LOCK	24
4	PAOZZ	5310-01-531-5950		30554	88-20033-6A	...WASHER, FLAT	24
5	PAOZZ	5305-00-054-6657		96906	MS51957-33	...SCREW, MACHINE	12
6	PAOZZ	5945-01-549-9577		1XPL6	500T2590	...CONTACTOR, K2	3
7	PAOZZ	5310-01-531-6085		30554	88-20033-10A	...WASHER, FLAT	4
8	PAOZZ	5310-01-500-2428		97403	13230E6744-43	...WASHER, LOCK	4
9	PAOZZ	5305-01-550-6488		97403	13218E0493-1816PIIC	...SCREW, MACHINE	4
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
 ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
 (NSN 4120-01-516-4715)
 VARIABLE FREQUENCY ASSEMBLY
 178K0018-1
 REPAIR PARTS LIST



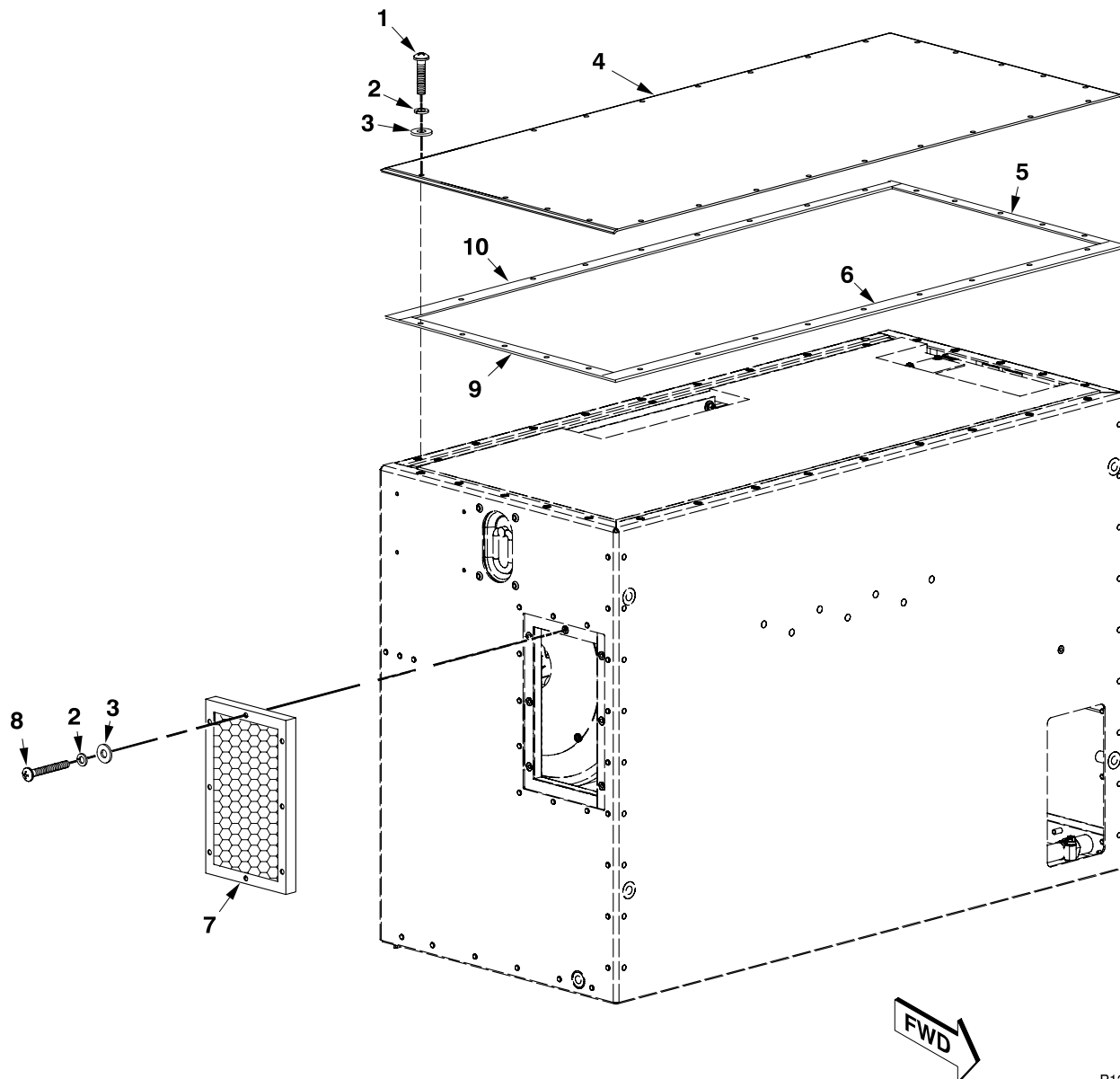
P11_1

Figure 11. Variable Frequency Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0106							
FIG. 11 VARIABLE FREQUENCY ASSEMBLY							
178K0018-1							
1	PAOZZ	5305-01-550-1300		94833	500K2668-1809	..SCREW, MACHINE	6
2	PAFZZ	5950-01-550-5404		1XPL6	500T2504	...VARIABLE FREQUENCY	1
3	PAFZZ	5310-01-478-9268		97403	13218E0320-248	...NUT, PLAIN HEXAGON	8
4	PAFZZ	5310-01-458-7561		97403	13230E6744-42	...WASHER, LOCK	8
5	PAFZZ	5310-01-533-6741		30554	88-20033-8A	...WASHER, FLAT	8
6	XDFZZ			94833	178K0083	...BRACKET, ANGLE	1
7	PAFZZ	5340-01-550-7889		70485	6821-4	...MOUNT, RESILIENT, GEN	4

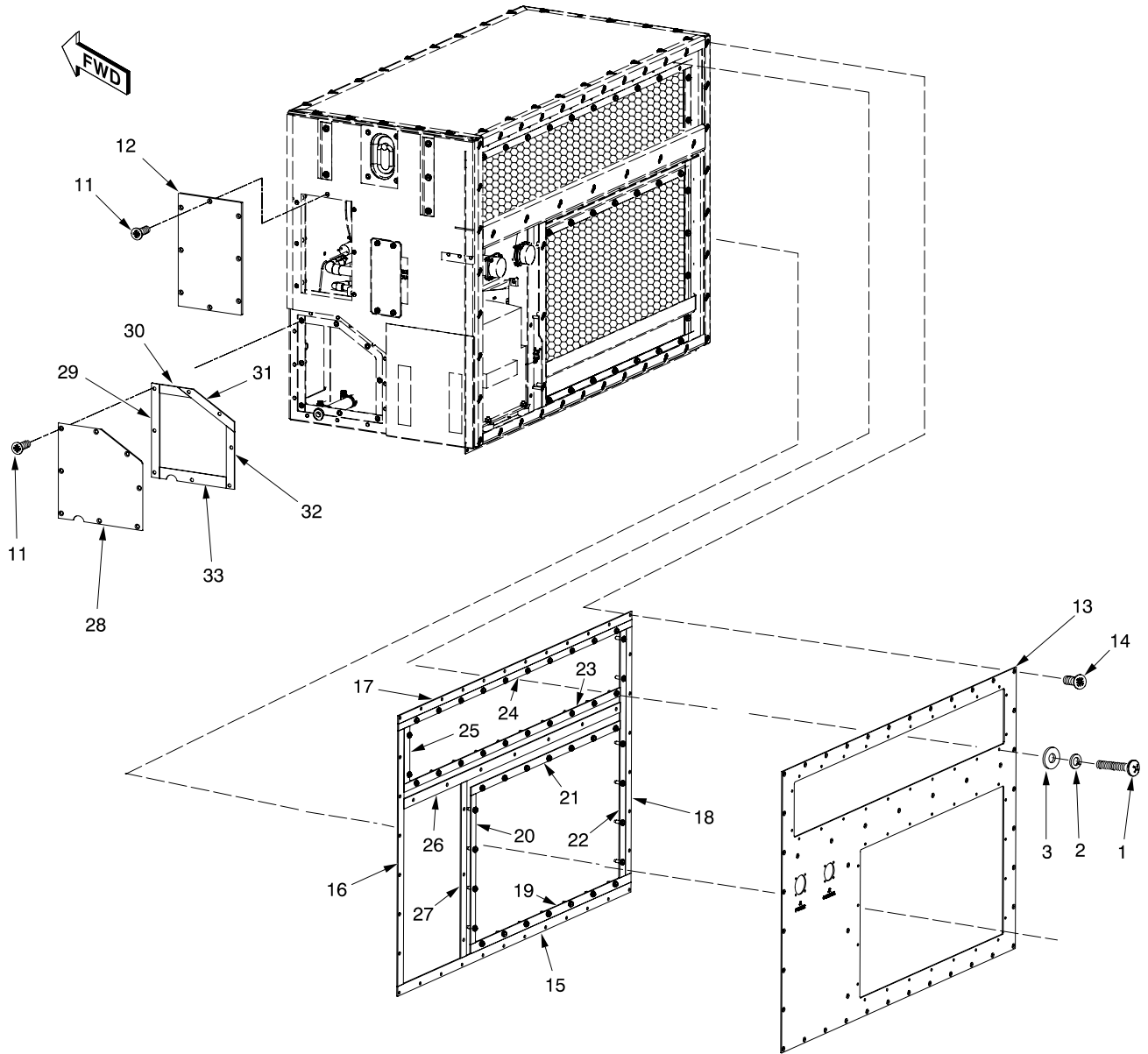
END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
 ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
 (NSN 4120-01-516-4715)
 COVERS
 REPAIR PARTS LIST



P12_1

Figure 12. Evaporator Covers (Sheet 1 of 2).



P12_2

Figure 12. Evaporator Covers (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0107							
FIG. 12 COVER ASSEMBLIES							
178K0024-1							
178K0020							
13219E9486K-1							
178K0021-1							
1	PAOZZ	5305-01-500-2315		97403	13218E0493-350PIIC	...SCREW, MACHINE	28
2	PAOZZ	5310-01-458-7561		97403	13230E6744-42	...WASHER, LOCK	35
3	PAOZZ	5310-01-533-6741		30554	88-20033-8A	...WASHER, FLAT	35
4	XDOZZ			94833	178K0159	..COVER, ACCESS	1
5	XDOZZ			94833	178K0311-2	... SHIELDING GASKET, EL	1
6	XDOZZ			94833	178K0311-3	... SHIELDING GASKET, EL	1
7	PAOZZ	4130-01-136-2206		97403	13219E9574	..FILTER ELEMENT, AIR	1
8	PAOZZ	5305-01-550-7571		94833	500K2668-354	..SCREW, MACHINE	46
9	XDOZZ			94833	178K0311-4	...GASKET, EMI	1
10	XDOZZ			94833	178K0311-1	...GASKET, EMI	1
11	PAOZZ	5305-01-550-1309		94833	500K2668-347	..SCREW, MACHINE	15
12	XDOZZ			94833	13219E9486K-1	..COVER, ACCESS	1
13	XDOZZ			94833	178K0098-1	...PANEL, EVAPORATOR	1
14	PAOZZ	5305-01-550-7091		94833	500K2668-350	..SCREW, MACHINE	52
15	XDOZZ			94833	178K0219-1	... SHIELDING GASKET, EL	1
16	XDOZZ			94833	178K0219-5	... SHIELDING GASKET, EL	1
17	XDOZZ			94833	178K0219-8	... SHIELDING GASKET, EL	1
18	XDOZZ			94833	178K0219-10	... SHIELDING GASKET, EL	1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
19	XDOZZ			94833	178K0219-2	...SHIELDING GASKET, EL	1
20	XDOZZ			94833	178K0219-4	... SHIELDING GASKET, EL	1
21	XDOZZ			94833	178K0219-3	... SHIELDING GASKET, EL	1
22	XDOZZ			94833	178K0219-11	... SHIELDING GASKET, EL	1
23	XDOZZ			94833	178K0219-6	... SHIELDING GASKET, EL	1
24	XDOZZ			94833	178K0219-9	... SHIELDING GASKET, EL	1
25	XDOZZ			94833	178K0219-7	... SHIELDING GASKET, EL	1
26	PAOZZ	5330-01-550-6594		94833	178K0169-1	...GASKET	1
27	PAOZZ	5330-01-550-7892		94833	178K0169-2	...GASKET	1
28	XAOZZ			94833	178K0175	... COVER ACCESS	1
29	XDOZZ			94833	178K0220-1	... GASKET	1
30	XDOZZ			94833	178K0220-3	... GASKET	1
31	XDOZZ			94833	178K0220-2	... GASKET	1
32	XDOZZ			94833	178K0220-4	... GASKET	1
33	XDOZZ			94833	178K0220-5	... GASKET	1

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
 ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
 (NSN 4120-01-516-4715)
 HARMONIC FILTER ASSEMBLY
 178K0326-1
 REPAIR PARTS LIST

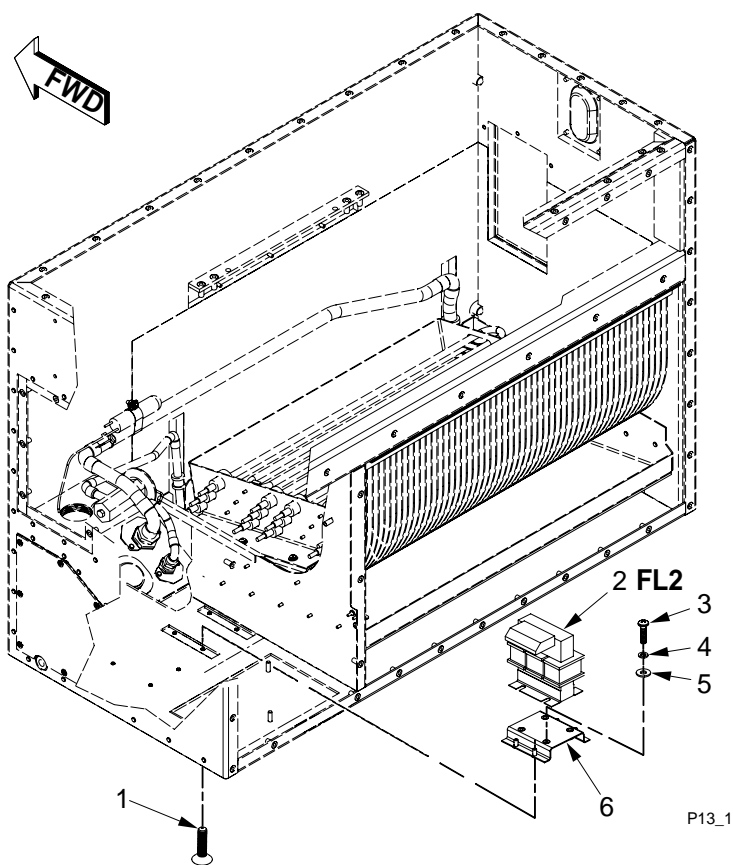


Figure 13. Harmonic Filter Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0108							
FIG. 13 HARMONIC FILTER ASSEMBLY							
178K0326-1							
1	PAOZZ	5305-01-550-7898		94833	500K2668-349	..SCREW, MACHINE	4
2	PAOZZ	5998-01-549-9235		94833	500K2592	...FILTER, HARMONIC	1
3	PAOZZ	5305-01-500-3540		97403	13218E0493-1810PIIC	...SCREW, MACHINE	4
4	PAOZZ	5310-01-500-2428		97403	13230E6744-43	...WASHER, LOCK	4
5	PAOZZ	5310-01-531-6085		30554	88-20033-10A	...WASHER, FLAT	4
6	XDOZZ			94833	178K0325-1	...CHANNEL, BRACKET	1

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
EVAPORATOR HARNESS ASSEMBLIES REPAIR PARTS LIST

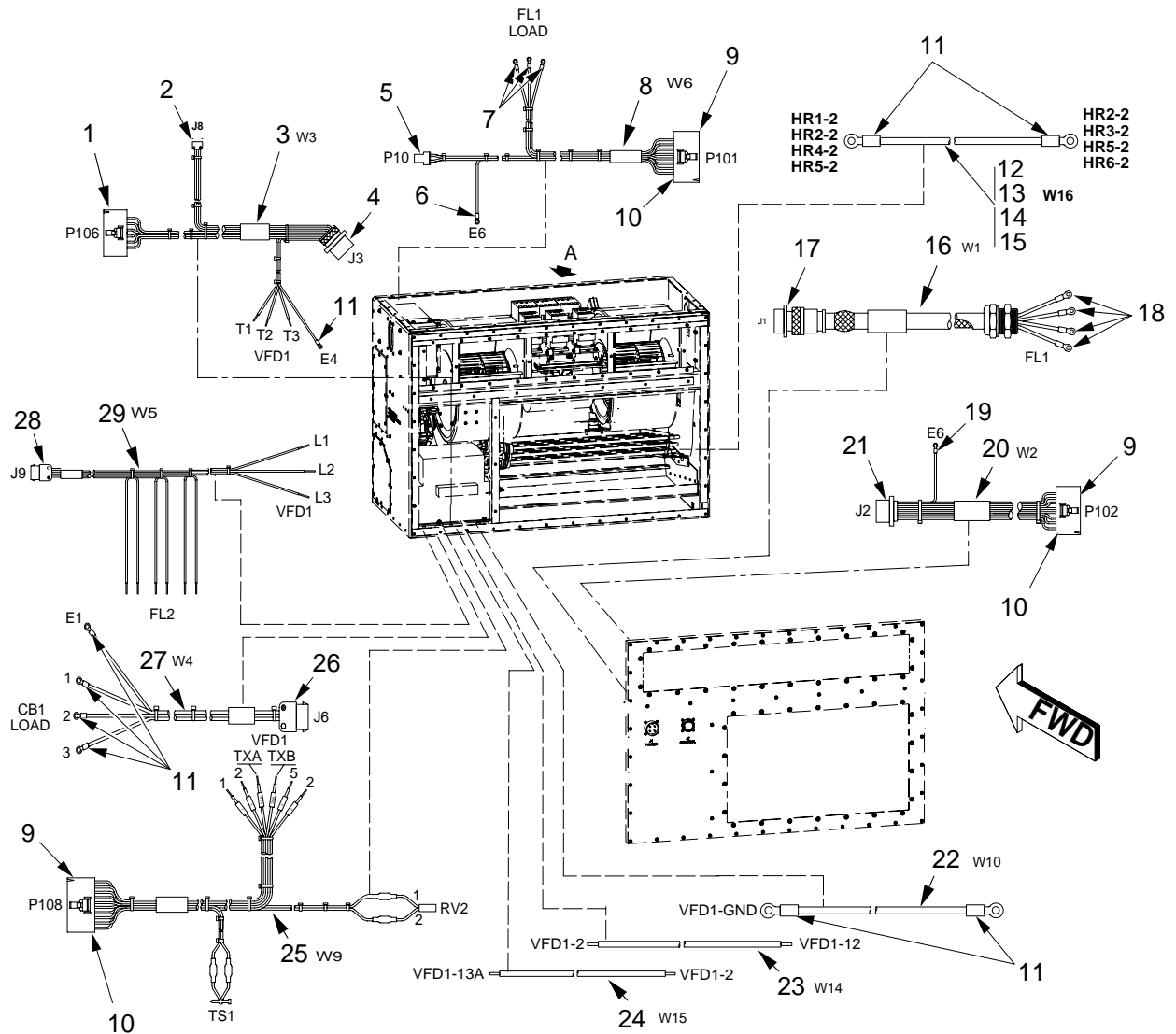
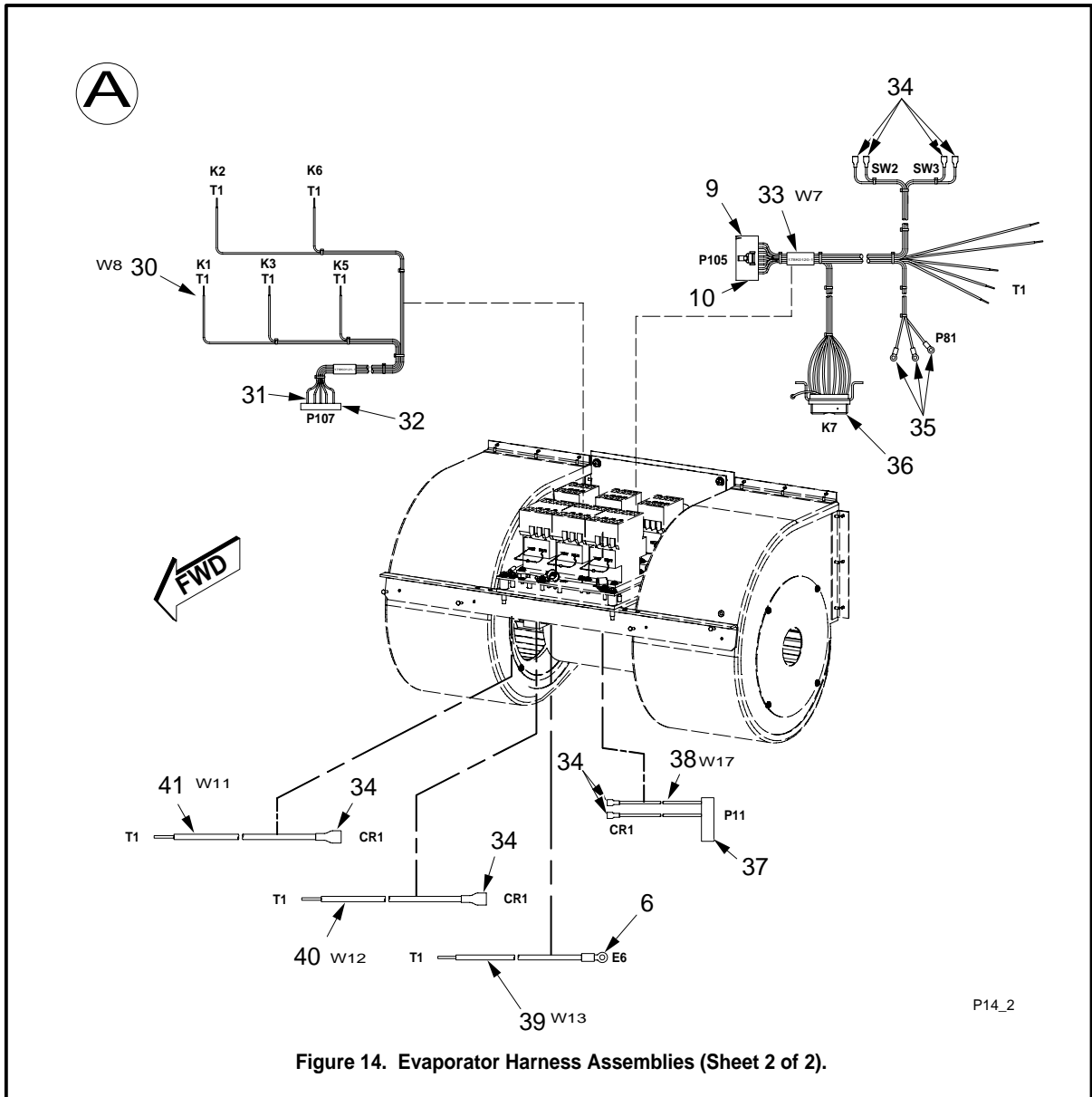


Figure 14. Evaporator Harness Assemblies (Sheet 1 of 2).



P14_2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0109							
FIG. 14 EVAPORATOR HARNESS ASSEMBLIES							
178K0106-1, 178K0107-1, 178K0108-1, 178K0110-1, 178K0116-1, 178K0118-1, 178K0120-1, 178K0121-1, 178K0122-1, 178K0138-1, 178K0138-2, 178K0138-3, 178K0138-4, 178K0138-7, 178K0332-1, 178K0138-8, 178K0138-9, 178K0138-10, 178K0138-11, 178K0138-12							
1	PAOZZ	5935-01-439-5240		94833	500K2839-5	....CONNECTOR	1
2	PAOZZ	5935-01-323-6818		58536	A-A-55463-04	....CONNECTOR	1
3	XDOOO			94833	178K0108-1	..WIRING HARNESS	1
4	PAOZZ	5935-01-108-9445		96906	MS27468T25F24S	....CONNECTOR RECEPTACLE	1
5	PAOZZ	5935-01-242-3604		00779	172167-1	....CONNECTOR PLUG	1
6	PAOZZ	5940-00-143-4771		81343	MS25036-103	....TERMINAL LUG	1
7	PAOZZ	5940-00-113-8184		96906	MS25036-150	....TERMINAL LUG	1
8	XDOOO			94833	178K0118-1	.. WIRING HARNESS, BRAN	1
9	PAOZZ	5999-01-505-5324		94833	500K2841-6	....TERMINAL	37
10	PAOZZ			94833	500K2839-13	....CONNECTOR	4
11	PAOZZ	5940-00-143-4794		81343	MS25036-112	....TERMINAL	15
12	XDOZZ			94833	178K0138-9	...LEAD, ELECTRICAL	1
13	XDOZZ			94833	178K0138-10	... LEAD, ELECTRICAL	1
14	XDOZZ			94833	178K0138-11	... LEAD, ELECTRICAL	1
15	XDOZZ			94833	178K0138-12	... LEAD, ELECTRICAL	1
16	XDOOO			94833	178K0106-1	..WIRING HARNESS	1
17	PAOZZ	5935-01-102-4389		96906	MS3450L22-22P	....CONNECTOR RECEPTACLE	1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
18	PAOZZ	5940-00-114-1305		96906	MS25036-116	....TERMINAL LUG	4
19	PAOZZ	5940-00-143-4780		96906	MS25036-108	....TERMINAL LUG	1
20	XDOOO			94833	178K0107-1	.. WIRING HARNESS	1
21	PAOZZ	5935-01-065-7470		96906	MS27508E20F16S	....CONNECTOR RECEPTACLE	1
22	XDOZZ			94833	178K0138-1	.. LEAD, ELECTRICAL	1
23	XDOZZ			94833	178K0138-7	.. LEAD, ELECTRICAL	1
24	XDOZZ			94833	178K0138-8	.. LEAD, ELECTRICAL	1
25	XDOOO			94833	178K0122-1	..WIRING HARNESS, BRAN	1
26	PAOZZ	5999-01-411-2824		97403	13229E4280	....CONNECTOR	1
27	XDOOO			94833	178K0110-1	..WIRING HARNESS	1
28	PAOZZ	5999-01-392-2231		00779	640309-6	....CONTACT PIN	1
29	XDOOO			94833	178K0116-1	..WIRING HARNESS	1
30	XDOOO			94833	178K0121-1	..WIRING HARNESS, BRAN	1
31	PAOZZ	5999-01-096-2015		94833	500K2675	....TERMINAL	1
32	PAOZZ	5935-01-283-5345		94833	500K2627-7	....CONNECTOR	1
33	XDOOO			94833	178K0120-1	...WIRING HARNESS, BRAN	1
34	PAOZZ	5940-01-061-1217		97403	13230E6231-1	....TERMINAL	8
35	PAOZZ	5940-00-113-9828		94906	MS25036-148	....TERMINAL LUG	3
36	PAOZZ	5395-01-550-1821		94696	70-307-1	....SOCKET	1
37	PAOZZ	5935-01-550-4514		00779	2-794657-0	....CONNECTOR	1

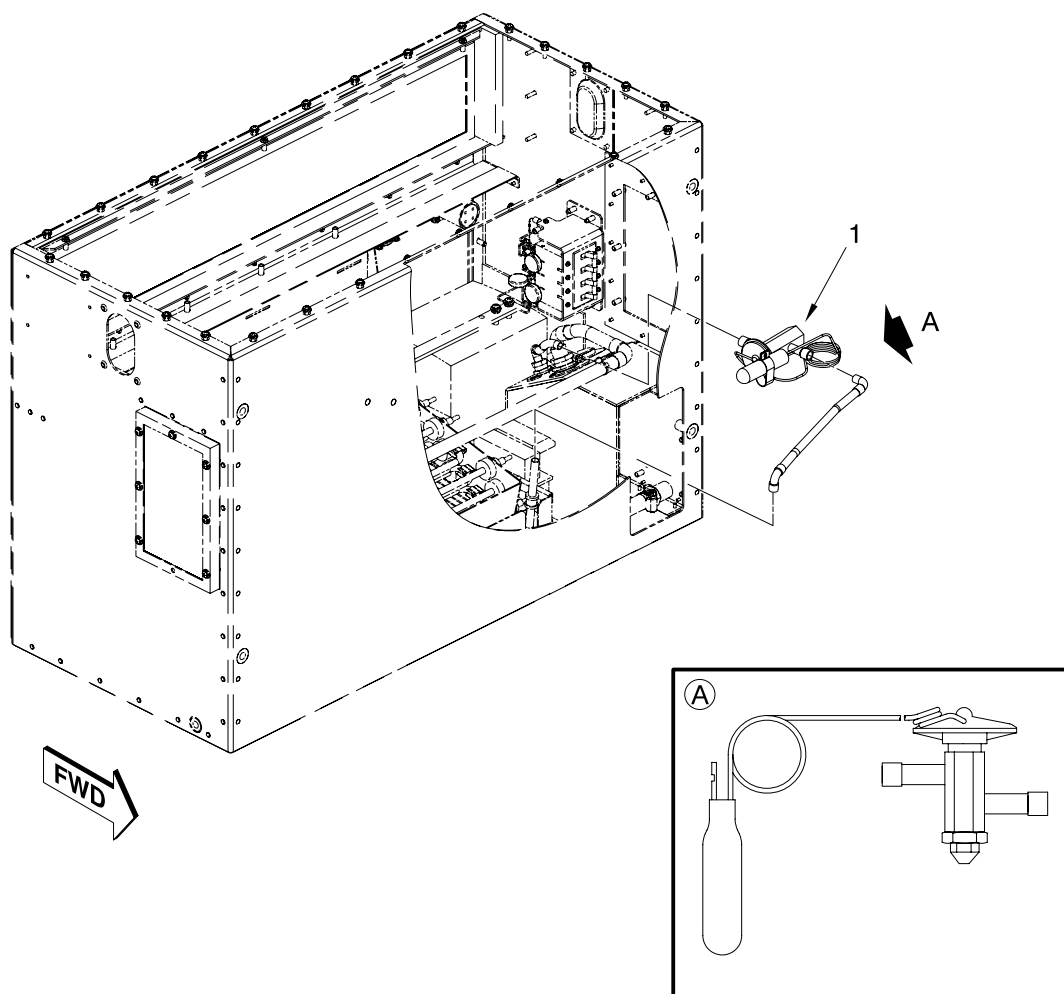
TM 9-4120-429-24P

0015

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
38	XDOOO			94833	178K0332-1	...WIRING HARNESS	1
39	XDOZZ			94833	178K0138-4	... LEAD, ELECTRICAL	1
40	XDOZZ			94833	178K0138-3	... LEAD, ELECTRICAL	1
41	XDOZZ			94833	178K0138-2	... LEAD, ELECTRICAL	1

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
THERMOSTATIC VALVE
500T2597
REPAIR PARTS LIST



P15_1

Figure 15. Thermostatic Valve.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY

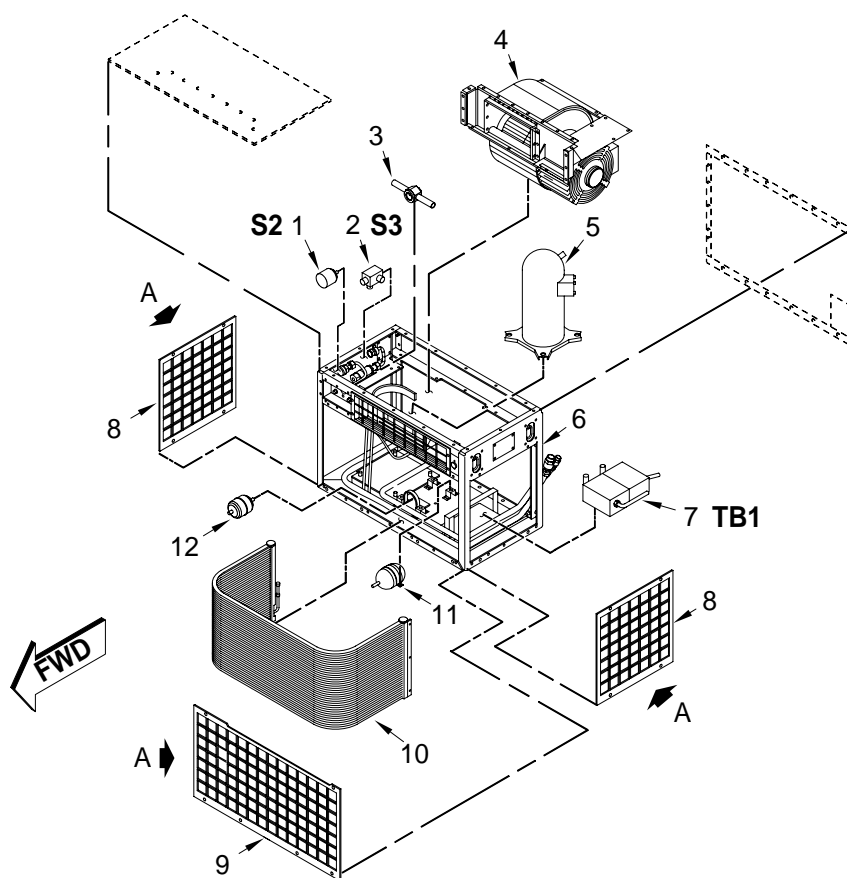
GROUP 0110

FIG. 15 THERMOSTATIC VALVE
500T2597

1	PAOZZ	4820-01-550-7895		1XPL6	500T2597	..REGULATOR, THERMOSTAT	1
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END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
CONDENSER ASSEMBLY
001T0012
REPAIR PARTS LIST



P16_1

Figure 16. Condenser Assembly (Sheet 1 of 2)

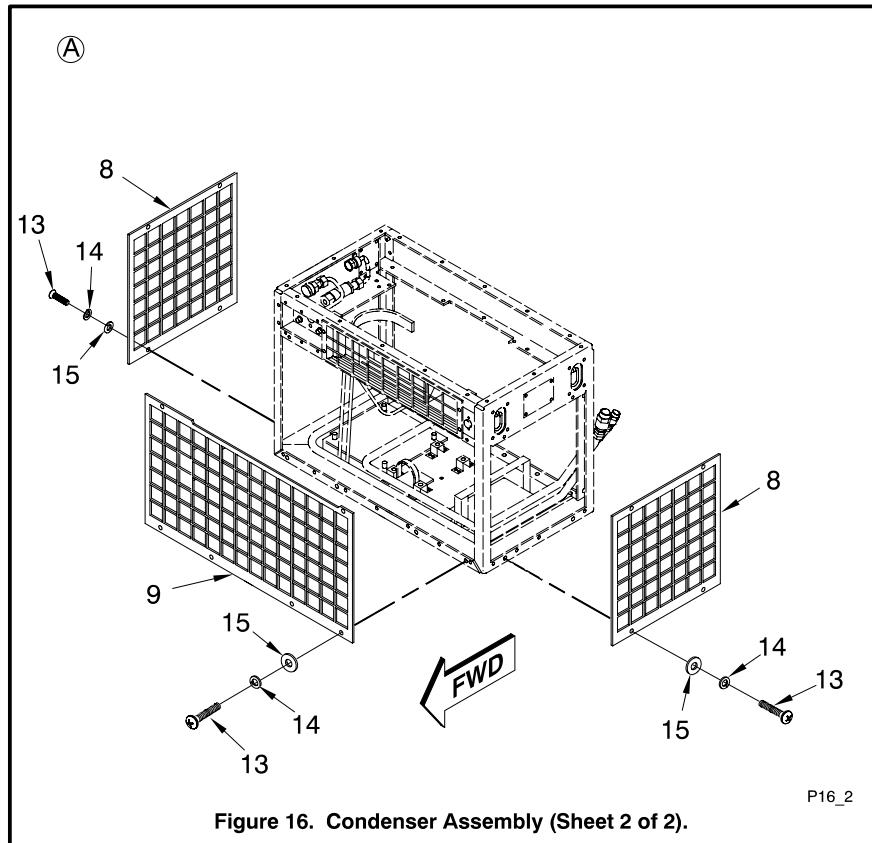
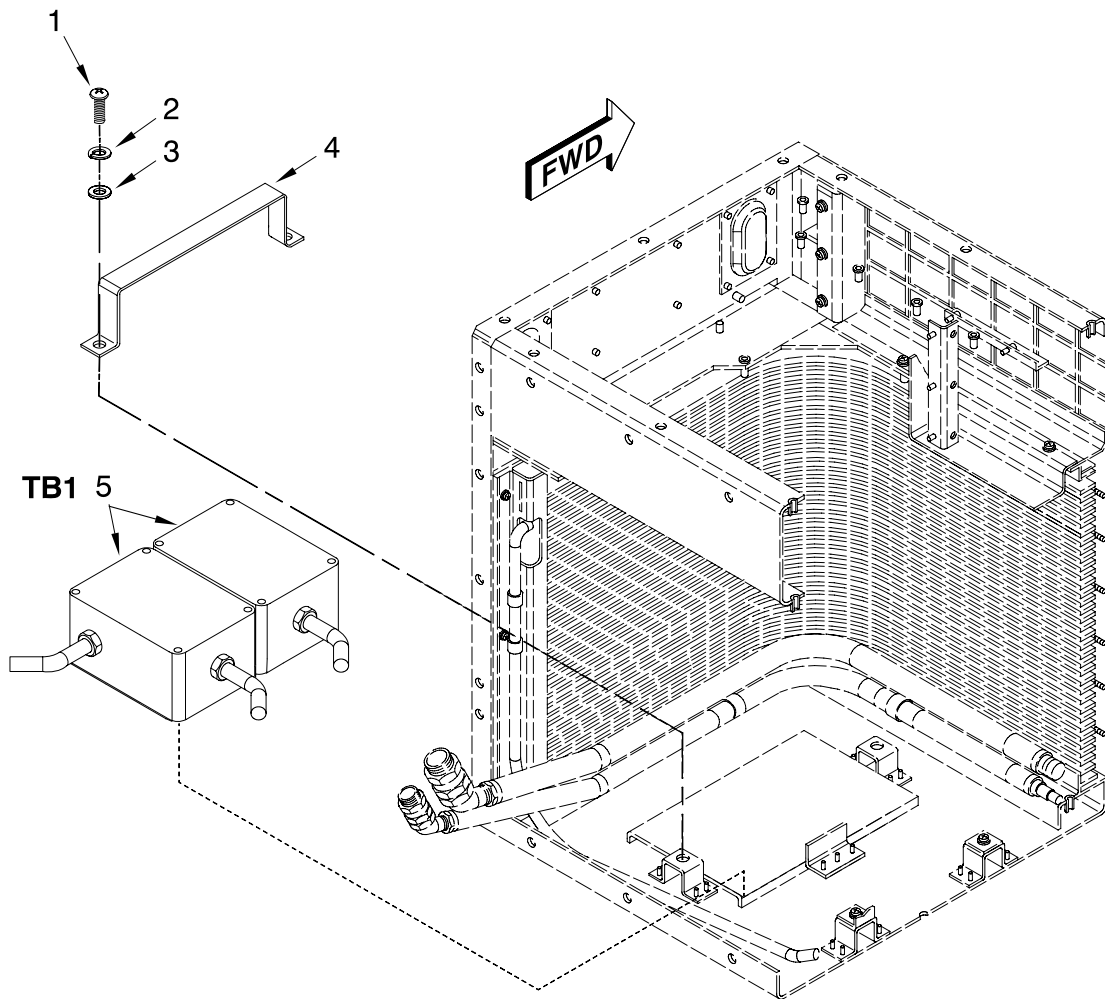


Figure 16. Condenser Assembly (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 02							
FIG. 16 CONDENSER ASSEMBLY							
001T0012							
1	PAFZZ	5930-01-549-9568		94833	500K2659	..SWITCH, PRESSURE	1
2	PAFZZ	5930-01-549-8283		94833	500K2660	..SWITCH, PRESSURE	1
3	PAOZZ	6680-00-085-8248		94833	500K2419-1	..SIGHT GLASS	1
4	XBOOO			1XPL6	001T0391-1	..CONDENSER BLOWER ASSEMBLY	1
5	PAFFF	4130-01-550-6484		1XPL6	001T0252-1	..COMPRESSOR UNIT, REF	1
6	XBOZZ			94833	178K0238-1	..HOUSING CONDENSER	1
7	XDOOO			1XPL6	001T0104-1	..JUNCTION BOX ASSY	1
8	XDOZZ			94833	178K0401-1	.. ASSEMBLY, SIDE SCREEN	2
9	XDOZZ			94833	178K0365-1	..COIL GUARD ASSEMBLY	1
10	XBFZZ			1XPL6	001T0370-1	..COIL, ASSEMBLY	1
11	PAFZZ	5935-01-549-8297		94833	178K0271-1	..RECEIVER ASSEMBLY	1
12	PAOZZ	4130-00-683-8696		1XPL6	500T2415	..FILTER-DRYER REFRIGERANT	1
13	PAOZZ	5305-01-500-2315		97403	13218E0493-350PIIC	..SCREW MACHINE	21
14	PAOZZ	5310-01-458-7561		97403	13230E6744-42	..WASHER, LOCK	21
15	PAOZZ	5310-01-533-6741		30554	88-20033-8A	..WASHER, FLAT	21

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
JUNCTION BOX ASSEMBLY
001T0104-1
REPAIR PARTS LIST

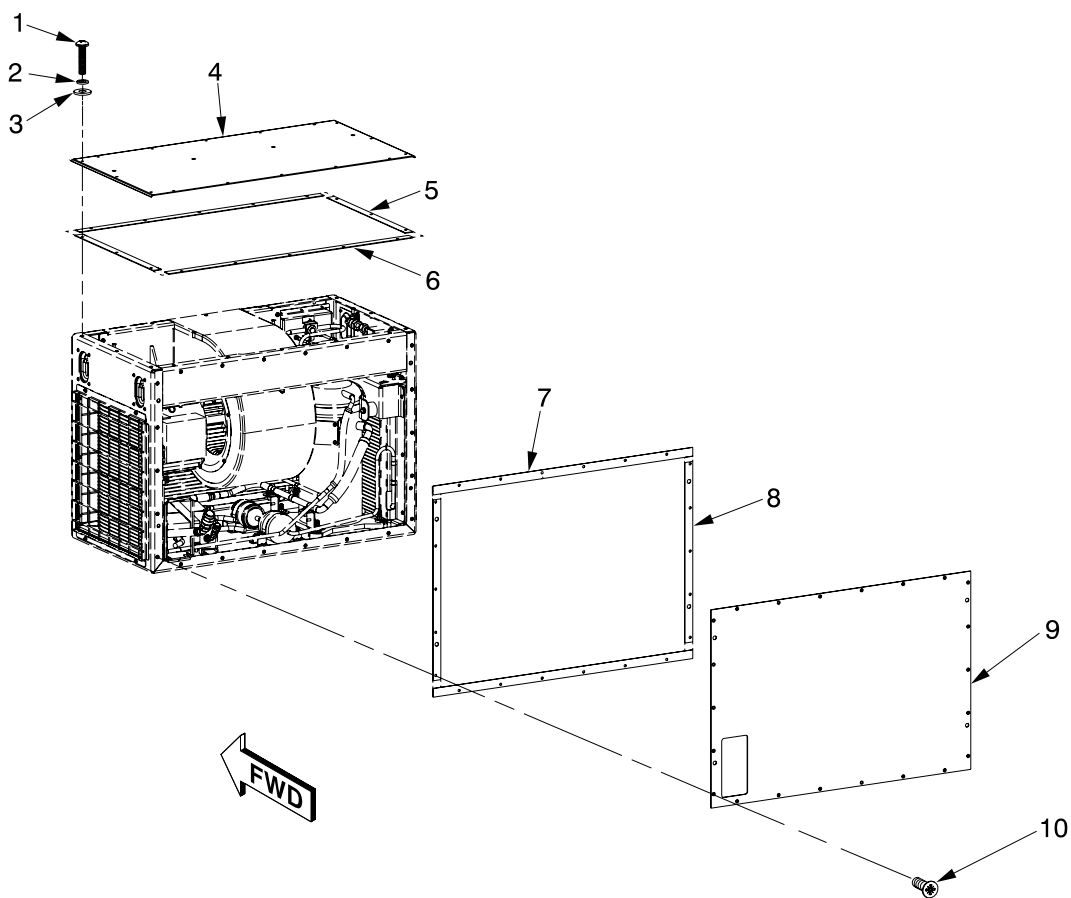


P17_1

Figure 17. Junction Box Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0201 FIG. 17 JUNCTION BOX ASSEMBLY 001T0104-1							
1	PAOZZ	5305-01-500-3540		97403	13218E0493-1810PIIC	..SCREW, MACHINE	2
2	PAOZZ	5310-00-045-3296		80205	MS35338-43	..WASHER, LOCK	2
3	PAOZZ	5310-01-531-6085		30554	88-20033-10A	..WASHER, FLAT	2
4	XDOZZ			94833	178K0253-1	..STRAP, RETAINING	1
5	XDOOO			1XPL6	001T0104-1	..JUNCTION BOX ASSEMBLY	1
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
 ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
 (NSN 4120-01-516-4715)
 CONDENSER COVER ASSEMBLIES
 REPAIR PARTS LIST

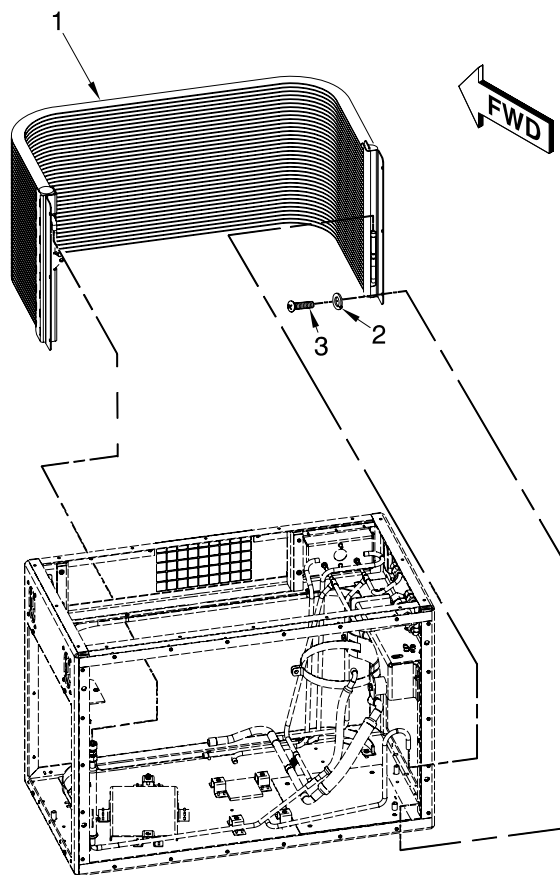


P18_1

Figure 18. Condenser Cover Assemblies.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0202 FIG. 18 CONDENSER COVER ASSEMBLIES 178K0226, 178K0227							
1	PAOZZ	5305-01-500-2315		97403	13218E0493-350PIIC	..SCREW MACHINE	16
2	PAOZZ	5310-01-458-7561		97403	13230E6744-42	..WASHER, LOCK	16
3	PAOZZ	5310-01-533-6741		30554	88-20033-8A	..WASHER, FLAT	16
4	XBOOO			94833	178K0226-1	..COVER, ACCESS	1
5	MOOZZ			94833	178K0310-2	...SHIELDING, GASKET, EL	2
6	MOOZZ			94833	178K0310-1	...SHIELDING, GASKET, EL	2
7	MOOZZ			94833	178K0309-2	...SHIELDING, GASKET, EL	2
8	MOOZZ			94833	178K0309-1	...SHIELDING, GASKET, EL	2
9	XBOOO			94833	178K0227-1	..COVER, ACCESS	1
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
CONDENSER COIL ASSEMBLY
001T0370-1
REPAIR PARTS LIST

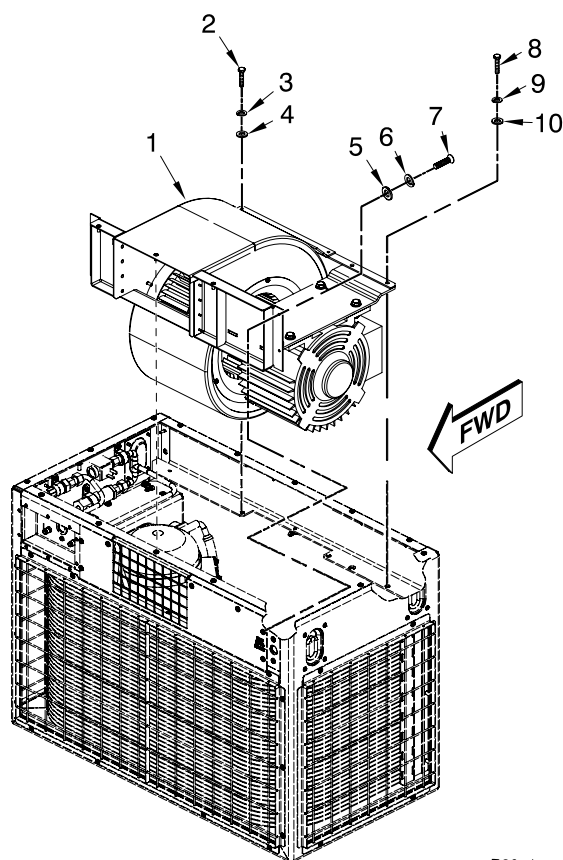


P19_1

Figure 19. Condenser Coil Assembly.

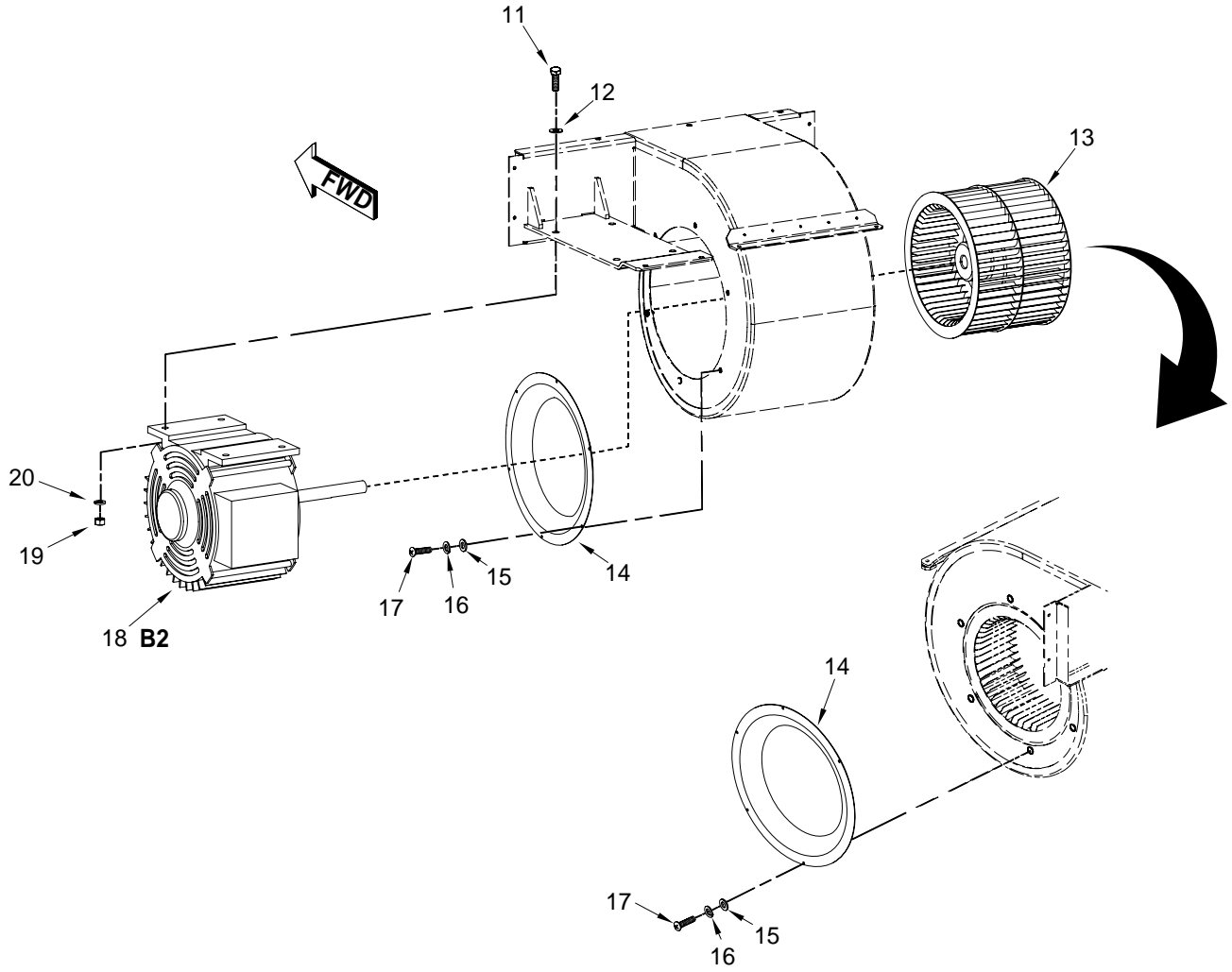
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0203 FIG. 19 CONDENSER COIL ASSEMBLY 001T0370-1							
1	XBFZZ			1XPL6	001T0370-1	..COIL, ASSEMBLY	1
2	PAOZZ	5310-00-045-3296		80205	MS35338-43	..WASHER, LOCK	6
3	PAOZZ	5305-01-549-9777		97403	13218E0493-1809PIIC	..SCREW, MACHINE	6
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
BLOWER AND MOTOR ASSEMBLY
001T0391-1
REPAIR PARTS LIST



P20_1

Figure 20. Blower and Motor Assembly (Sheet 1 of 2).



P20_2

Figure 20. Blower and Motor Assembly (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0204							
FIG. 20 BLOWER AND MOTOR ASSEMBLY							
001T0391-1							
1	XBOOO			1XPL6	001T0391-1	..CONDENSER BLOWER ASSEMBLY	1
2	PAOZZ	5305-01-550-6985		97403	13218E0493-1811PIIC	..SCREW, MACHINE	2
3	PAOZZ	5310-00-045-3296		80205	MS35338-43	..WASHER, LOCK	2
4	PAOZZ	5310-01-531-6085		30554	88-20033-10A	..WASHER, FLAT	2
5	PAOZZ	5310-01-533-6741		30554	88-20033-8A	..WASHER, FLAT	8
6	PAOZZ	5310-01-458-7561		97403	13230E6744-42	..WASHER, LOCK	8
7	PAOZZ	5305-01-500-2315		97403	13218E0493-350PIIC	..SCREW, MACHINE	8
8	PAOZZ	5305-01-479-1176		97403	13230E6674-99A	..SCREW, MACHINE	2
9	PAOZZ	5310-00-582-5965		80205	MS35338-44	..WASHER, LOCK	2
10	PAOZZ	5310-00-809-4058		96906	MS27183-10	..WASHER, FLAT	2
11	PAOZZ	5305-01-479-1193		97403	13230E6674-139A	...SCREW, MACHINE	4
12	PAOZZ	5310-01-532-0321		30554	88-20033-31A	...WASHER, FLAT	4
13	XDOZZ			94833	500K2970	...IMPELLER, FAN, CENTRIFUGAL	1
14	XDOZZ			94833	500K2600-29	...RING, INLET FAN	2
15	PAOZZ	5310-01-531-5950		30554	88-20033-6A	...WASHER, FLAT	12

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
16	PAOZZ	5310-01-500-2424		97403	13230E6744 -41	...WASHER, LOCK	12
17	PAOZZ	5305-01-549-9802		97403	13218E0493- 327PIIC	...SCREW, MACHINE	12
18	PAOZZ	6105-01-550-4369		1XPL6	500T2598	...MOTOR, ALTERNATING CURRENT	1
19	PAOZZ	5310-01-550-7100		97403	13218E0320- 253	...NUT, MACHINE, HEXAGON	4
20	PAOZZ	5310-01-478-5703		97403	13230E6744 -46	...WASHER, LOCK	4

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
CONDENSER MOTOR ASSEMBLY
500T2598
REPAIR PARTS LIST

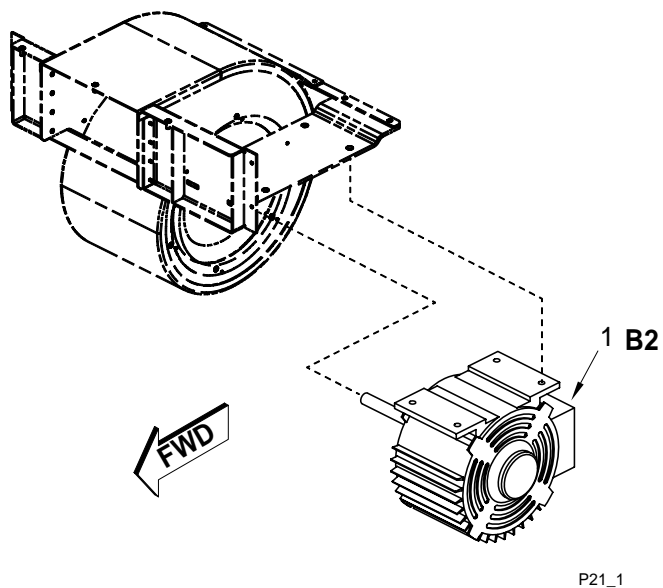


Figure 21. Motor Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY

GROUP 020401

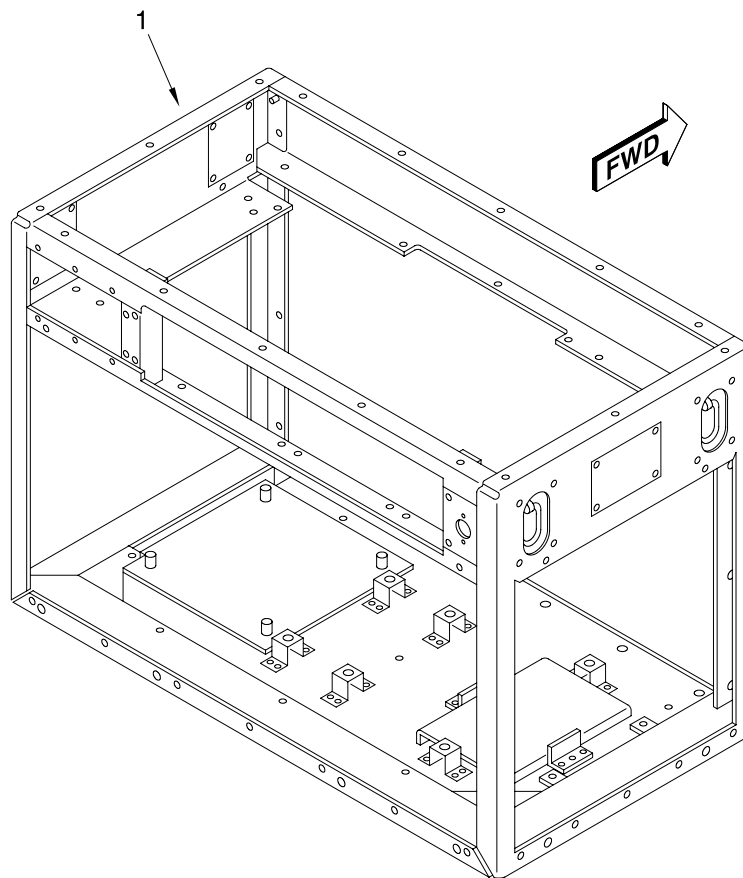
FIG. 21 CONDENSER MOTOR

500T2598

1	PAOZZ	6105-01-550-4369		1XPL6	500T2598	...MOTOR, ALTERNATING CURRENT (REF) See Figure 20 (WP 0021 00)	1
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END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
CONDENSER HOUSING
178K0238-1
REPAIR PARTS LIST



P22_1

Figure 22. Condenser Housing.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY

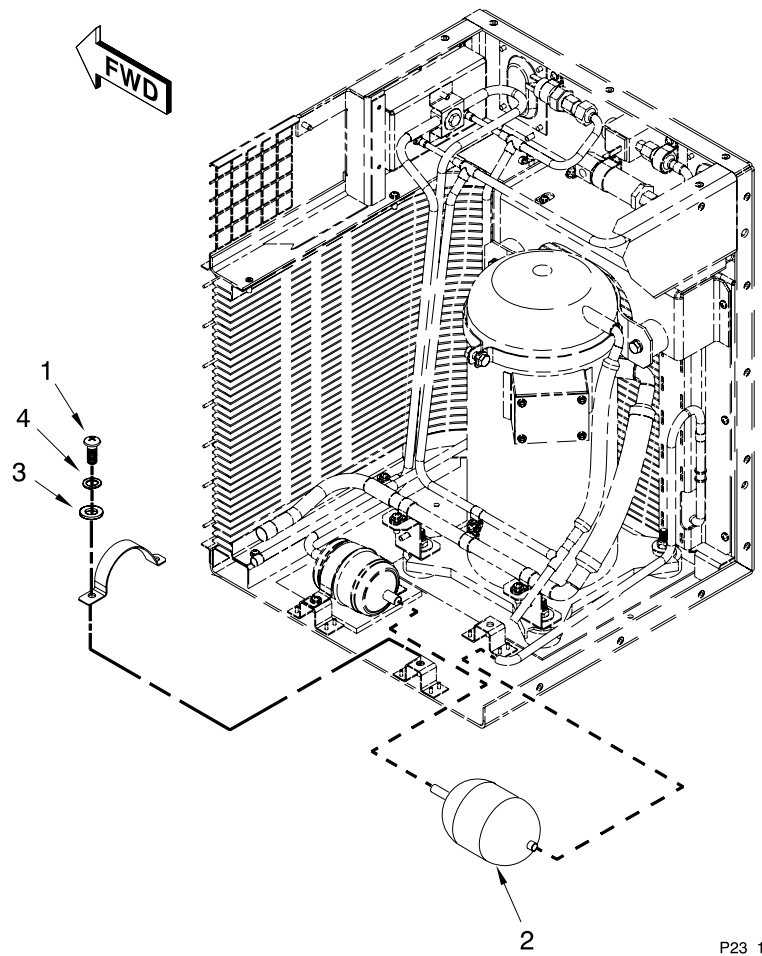
GROUP 0205

FIG. 22 CONDENSER HOUSING

178K0238-1

1	XBOZZ			94833	178K0238-1	..HOUSING, CONDENSER	1
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FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
RECEIVER ASSEMBLY
178K0271-1
REPAIR PARTS LIST

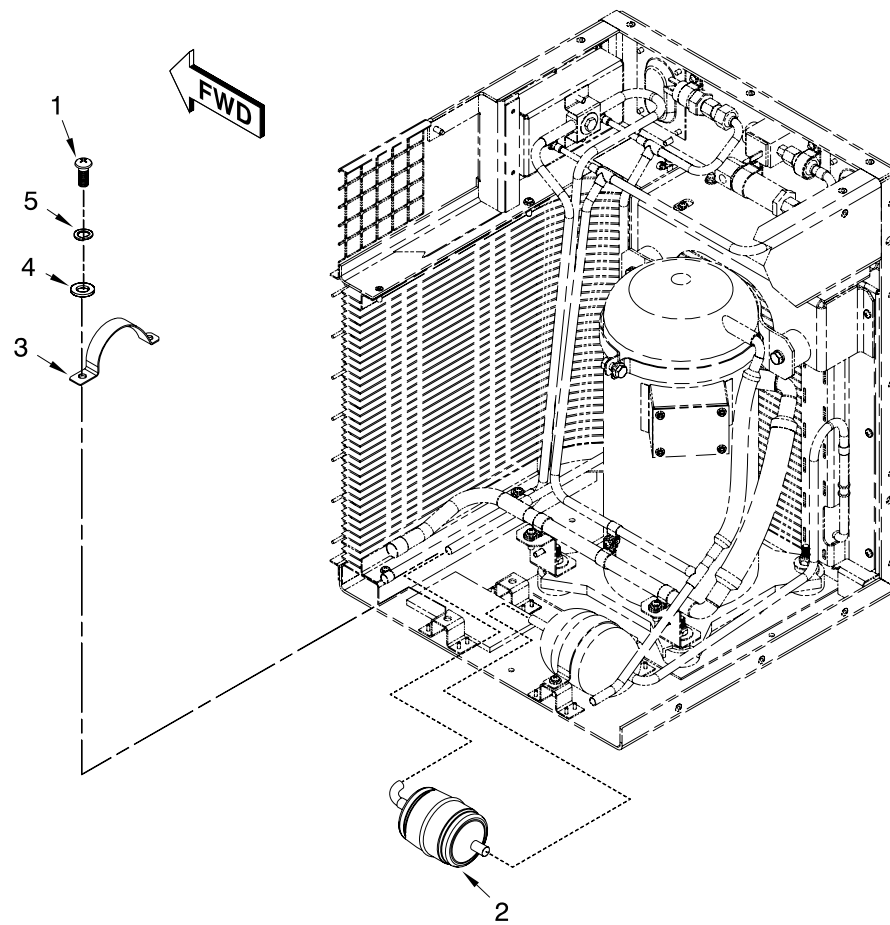


P23_1

Figure 23. Receiver Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0206							
FIG. 23 RECEIVER ASSEMBLY							
178K0271-1							
1	PAOZZ	5305-01-500-3540		97403	13218E0493-1810PIIC	..SCREW, MACHINE	2
2	PAFZZ	5935-01-549-8297		94833	178K0271-1	..RECEIVER ASSEMBLY	1
3	PAOZZ	5310-01-531-6085		30554	88-20033-10A	..WASHER, FLAT	2
4	PAOZZ	5310-00-045-3296		80205	MS35338-43	..WASHER, LOCK	2
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
FILTER-DRYER ASSEMBLY
500T2415
REPAIR PARTS LIST

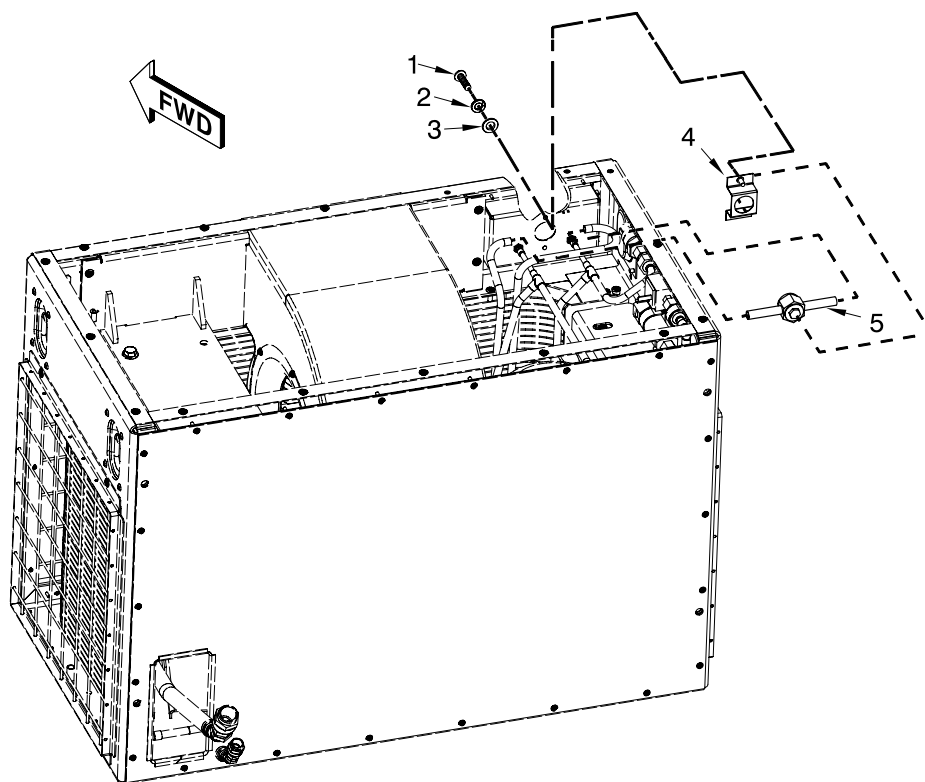


P24_1

Figure 24. Filter-Dryer Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0207							
FIG. 24 FILTER-DRYER ASSEMBLY							
500T2415							
1	PAOZZ	5305-01-500-3540		97403	13218E0493-1810PIIC	..SCREW, MACHINE	2
2	PAOZZ	4130-00-683-8696		1XPL6	500T2415	..FILTER-DRYER REFRIGERANT	1
3	XDOZZ			94833	178K0345	..CLAMP, FILTER-DRIER	1
4	PAOZZ	5310-01-531-6085		30554	88-20033-10A	..WASHER, FLAT	2
5	PAOZZ	5310-00-045-3296		80205	MS35338-43	..WASHER, LOCK	2
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
 ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
 (NSN 4120-01-516-4715)
 SIGHT GLASS
 500K2419-1
 REPAIR PARTS LIST



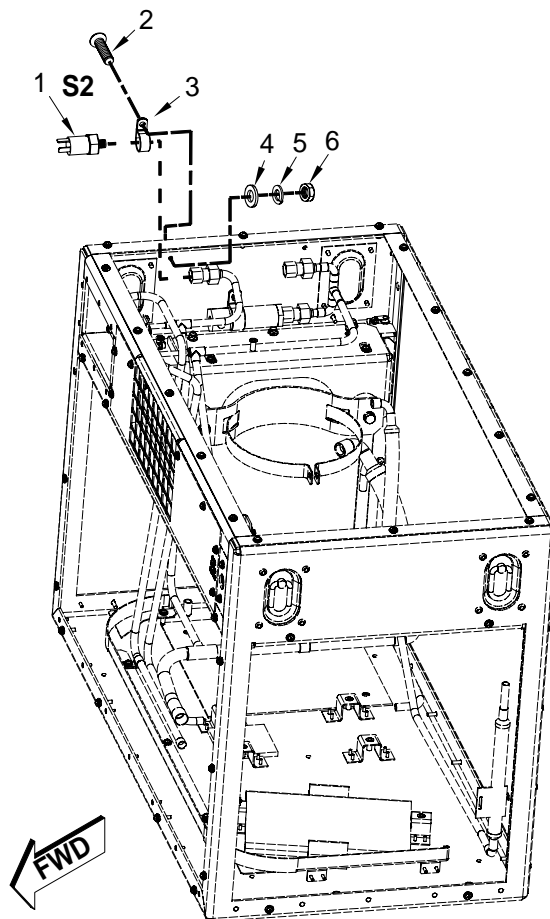
P25_1

Figure 25. Sight Glass.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
						GROUP 0208 FIG. 25 SIGHT GLASS 500K2419-1	
1	PAOZZ	5305-01-549-9802		97403	13218E0493-327PIIC	..SCREW, MACHINE	2
2	PAOZZ	5310-01-500-2424		97403	13230E6744-41	..WASHER, LOCK	2
3	PAOZZ	5310-01-531-5950		30554	88-20033-6A	..WASHER, FLAT	2
4	XDOZZ			94833	178K0297-1	..STRAP, RETAINING	1
5	PAOZZ	6680-00-085-8248		94833	500K2419-1	..SIGHT GLASS	1

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
 ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
 (NSN 4120-01-516-4715)
 LOW PRESSURE SWITCH
 500K2659
 REPAIR PARTS LIST

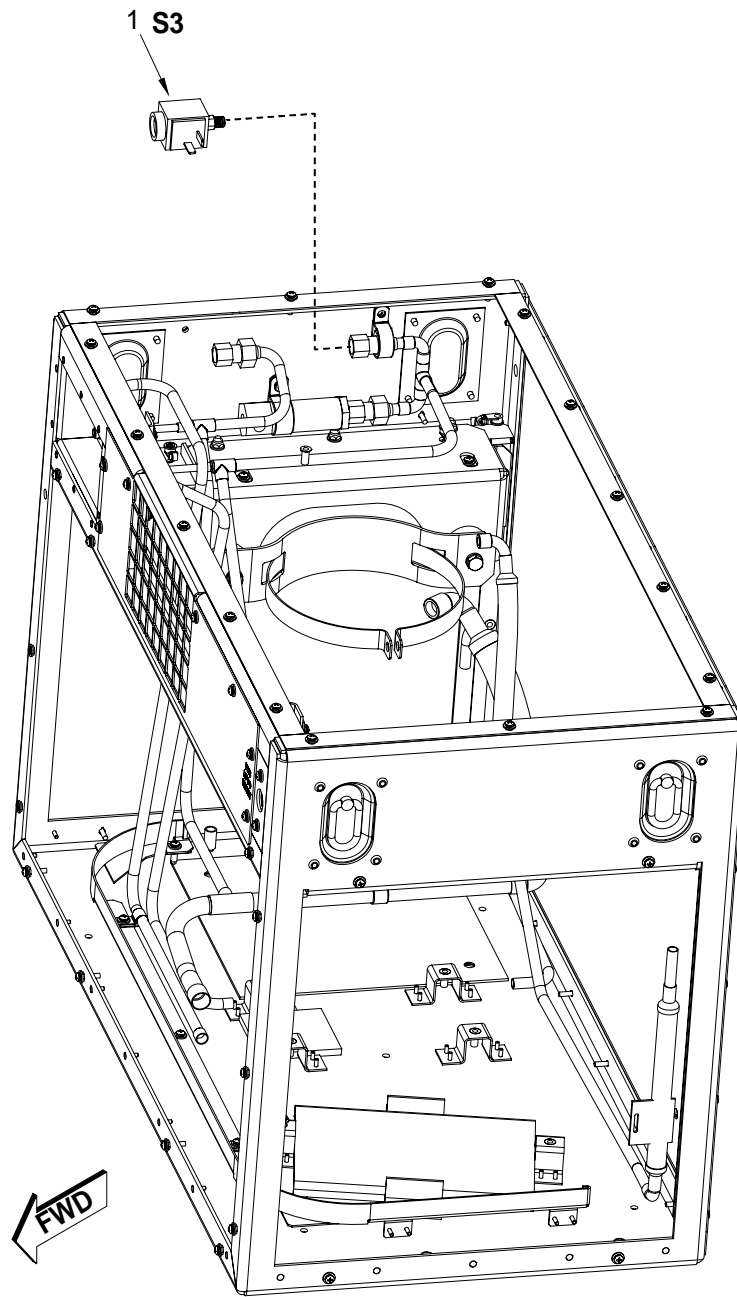


P26_1

Figure 26. Low Pressure Switch.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0209							
FIG. 26 LOW PRESSURE SWITCH							
500K2659							
1	PAFZZ	5930-01-549-9568		94833	500K2659	..SWITCH, PRESSURE	1
2	PAOZZ	5305-01-479-1844		97403	13218E0493-349PIIC	..SCREW, MACHINE	1
3	PAOZZ	5340-00-286-9424		81343	AS21919WDG14	..CLAMP, LOOP	1
4	PAOZZ	5310-01-533-6741		30554	88-20033-8A	..WASHER, FLAT	1
5	PAOZZ	5310-01-458-7561		97403	13230E6744-42	..WASHER, LOCK	8
6	PAOZZ	5310-01-549-9865		97403	13218E0320-208	..NUT, MACHINE, HEXAGON	1
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
HIGH PRESSURE SWITCH
500K2660
REPAIR PARTS LIST



P27_1

Figure 27. High Pressure Switch.

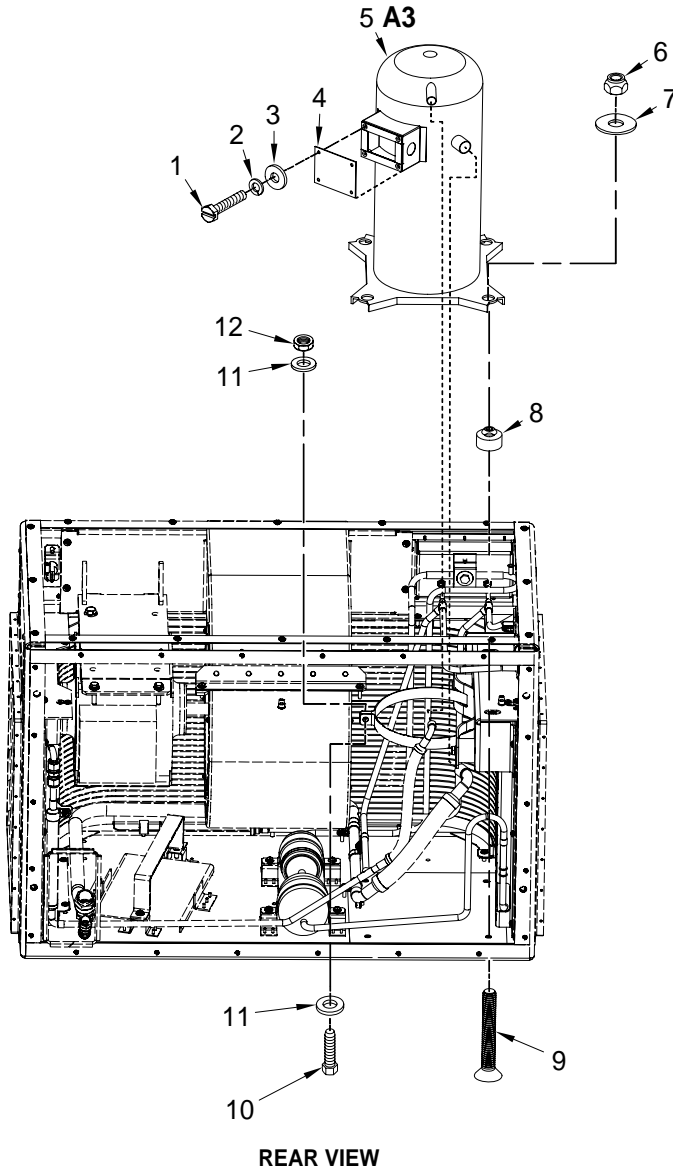
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY

GROUP 0210
 FIG. 27 HIGH PRESSURE SWITCH
 500K2660

1	PAFZZ	5930-01-549-8283		94833	500K2660	..SWITCH, PRESSURE	1
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END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
 ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
 (NSN 4120-01-516-4715)
 COMPRESSOR ASSEMBLY
 001T0252-1
 REPAIR PARTS LIST

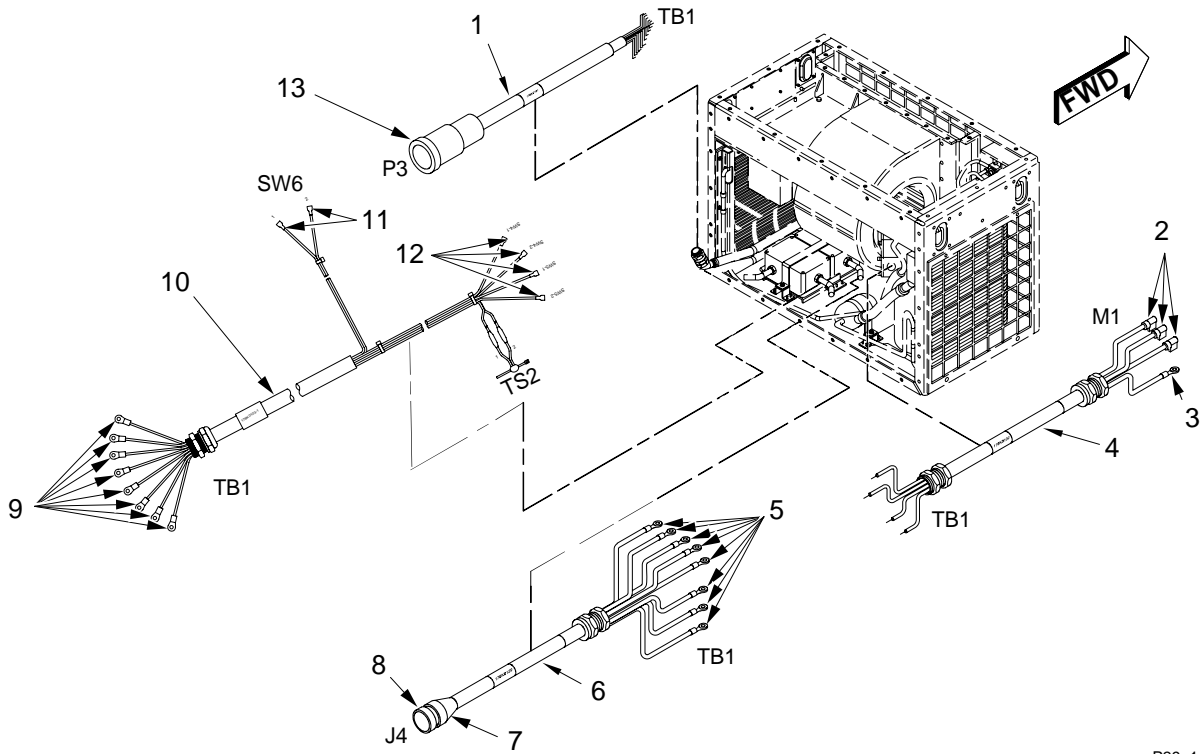


P28_1

Figure 28. Compressor Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 0211 FIG. 28 COMPRESSOR ASSEMBLY 001T0252-1							
1	PAOZZ	5305-01-549-9879		97403	13230E6674-36A	...SCREW MACHINE	4
2	PAOZZ	5310-01-500-2424		97403	13230E6744-41	...WASHER, LOCK	4
3	PAOZZ	5310-01-531-5950		30554	88-20033-6A	...WASHER, FLAT	4
4	XDOZZ			94833	178K0319-1	...COVER ASSEMBLY	1
5	PAFFF	4130-01-550-6484		1XPL6	001T0252-1	..COMPRESSOR UNIT	1
6	PAOZZ	5310-00-241-6606		96906	MS17830-5C	..NUT, SELF-LOCKING, HE	4
7	PAOZZ	5310-01-550-7100		94833	178K0195	..COMPRESSOR, WASHER	4
8	PAOZZ	5365-01-550-7959		94833	178K0249-1	..MOUNTING KIT, COMPRESSOR	1
9	PAOZZ	5305-01-550-7908		94833	500K2979	..FLAT SOCKET HEAD CA	4
10	PAOZZ	5305-01-550-7904		97403	13230E6674-116A	..SCREW, MACHINE, HEX H	1
11	PAOZZ	5310-01-550-0294		30554	88-20033-30A	..WASHER, FLAT	2
12	PAOZZ	5310-01-549-9869		97403	13218E0320-252	..NUT, MACHINE, HEXAGON	1
END OF FIGURE							

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
HARNESS ASSEMBLIES
REPAIR PARTS LIST



P29_1

Figure 29. Condenser Harness Assembly.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM NO.	SMR CODE	NSN	MS P/N WHERE APPLICABLE	CAGE CODE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
						GROUP 0212	
						FIG. 29 HARNESS ASSEMBLIES	
						178K0101, 178K0102, 178K0103, 178K0129	
1	XDOOO			94833	178K0101-1	...WIRING HARNESS	1
2	PAOZZ	5940-01-550-0237		94833	53672-20	....TERMINAL FASTON	3
3	PAOZZ	5940-00-143-4794		81343	MS25036-112	....TERMINAL CRIMP	1
4	XDOOO			94833	178K0102-1	...WIRING HARNESS/COMP	1
5	PAOZZ	5940-00-283-5280		96906	MS25036-106	....TERMINAL CRIMP	8
6	XDOOO			94833	178K0129-1	...WIRING HARNESS	1
7	PAOZZ	5930-01-550-1814		06090	202D132-3/86-0	....BOOT STRAIGHT LIP	1
8	PAOZZ	5935-01-550-1820		96906	MS27467T17F08S	....PLUG, SHELL	1
9	PAOZZ	5940-00-813-0698		81343	MS25036-101	....TERMINAL LUG	8
10	XDOOO			94833	178K0103-1	...WIRING HARNESS, PRES	1
11	PAOZZ	5940-01-241-6326		00779	2-520084-2	....TERMINAL QUICK DISC.	2
12	PAOZZ	5940-01-061-1217		97403	13230E6231-1	....TERMINAL RECEPTACLE	4
13	PAOZZ	5935-01-550-1825		96906	MS27467R25D24P	....PLUG SHELL, EMI	1

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
BULK ITEMS LIST

SCOPE

This work package lists bulk items that you will need to operate and maintain the 24,000 BTUH, Split Pack Environmental Control Unit (ECU). This list is for information only and is not authority to requisition the listed items. These items are authorized to you by CTA 50-970, Expendable/Durable Items (Except Medical, Class V Repair Parts, and Heraldic Items), or CTA 8-100, Army Medical Department Expendable/Durable Items.

EXPLANATION OF COLUMNS IN THE EXPENDABLE/DURABLE ITEMS LIST

Column (1) - Item Number. This number is assigned to the entry in the list and is referenced in the narrative instructions to identify the item (e.g., Use brake fluid (item 5, WP 0098 00).).

Column (2) - Level. This column identifies the lowest level of maintenance that requires the listed item (include as applicable: C = Operator/Crew, O = Unit/AVUM, F = Direct Support/AVIM, H = General Support, D = Depot).

Column (3) - National Stock Number (NSN). This is the NSN assigned to the item, which you can use to requisition it.

Column (4) - Description. This identifies the item.

Column (5) - CAGE CODE. This identifies the Commercial and Government Entity Code (CAGEC).

Column (6) - Part Number. This identifies the part number for the item.

Column (7) - Unit of Measure (U/M). This code shows the physical measurement or count of an item, such as gallon, dozen, gross, etc.

Table 1. Bulk Items List

(1) ITEM NUMBER	(2) LEVEL CODE	(3) NSN	(4) DESCRIPTION	(5) CAGE	(6) PART NUMBER	(7) U/M
1	F		ADHESIVE	OZK58	72-00236	AR
2	F		BRAID,WIRE TO375	58536	A59569R36	RO
3	F		BRAID,WIRE	70903	8669	RO
4	F	5970-00-102-4721	INSULATION SLEEVING	81343	M23053/4-104-0	SH
5	F	5970-00-819-9569	INSULATION SLEEVING	81343	M23053/5-103-9	SH
6	F	5970-00-088-2975	INSULATION SLEEVING	81343	M23053/5-104-9	SH
7	F	5970-00-954-1622	INSULATION SLEEVING	81343	M23053/5-105-0	SH
8	F	5970-00-814-2878	INSULATION SLEEVING	81343	M23053/5-106-9	SH
9	F	5970-00-954-1624	INSULATION SLEEVING	81343	M23053/5-107-0	SH
10	F	5970-00-740-2971	INSULATION SLEEVING	81343	M23053/5-107-9	SH
11	F	5970-00-812-2967	INSULATION SLEEVING	81343	M23053/5-108-0	SH
12	F	5970-00-082-3948	INSULATION SLEEVING	81343	M23053/5-108-9	SH
13	F	5970-00-914-3118	INSULATION SLEEVING	81343	M23053/5-109-0	SH
14	F	5970-00-812-1360	INSULATION SLEEVING	81343	M23053/5-109-9	SH
15	F	6145-01-202-7482	WIRE,ELECTRICAL	81349	M22759/16-10-0	RO
16	F	6145-01-202-7483	WIRE,ELECTRICAL	81349	M22759/16-10-2	RO
17	F	6145-01-207-9963	WIRE,ELECTRICAL	81349	M22759/16-10-5	RO
18	F	6145-01-202-7484	WIRE,ELECTRICAL	81349	M22759/16-10-6	RO
19	F	6145-01-057-9413	WIRE,ELECTRICAL	81349	M22759/16-12-0	RO
20	F	6145-01-163-9687	WIRE,ELECTRICAL	81349	M22759/16-12-2	RO
21	F	6145-01-173-1389	WIRE,ELECTRICAL	81349	M22759/16-12-5	RO
22	F	6145-01-202-7481	WIRE,ELECTRICAL	81349	M22759/16-12-6	RO
23	F	6145-01-485-4477	WIRE,ELECTRICAL	81349	M22759/16-12-90	RO
24	F	6145-01-486-1900	WIRE ELECTRICAL	81349	M22759/16-12-92	RO

Table 1. Bulk Items List (Con't)

(1) ITEM NUMBER	(2) LEVEL CODE	(3) NSN	(4) DESCRIPTION	(5) CAGE	(6) PART NUMBER	(7) U/M
25	F		WIRE,ELECTRICAL	81349	M22759/16-12-96	RO
26	F	6145-01-044-8798	WIRE,ELECTRICAL	81349	M22759/16-16-0	RO
27	F	6145-01-250-5176	WIRE,ELECTRICAL	81349	M22759/16-16-2	RO
28	F	6145-01-250-5177	WIRE,ELECTRICAL	81349	M22759/16-16-4	RO
29	F	6145-01-156-8815	WIRE,ELECTRICAL	81349	M22759/16-16-5	RO
30	F	6145-01-092-7020	WIRE,ELECTRICAL	81349	M22759/16-16-6	RO
31	F	6145-01-135-4224	WIRE,ELECTRICAL	81349	M22759/16-18-04	RO
32	F	6145-01-057-9417	WIRE,ELECTRICAL	81349	M22759/16-20-0	RO
33	F	6145-01-093-2559	WIRE,ELECTRICAL	81349	M22759/16-20-2	RO
34	F	6145-01-172-9991	WIRE,ELECTRICAL	81349	M22759/16-20-4	RO
35	F	6145-01-129-0762	WIRE,ELECTRICAL	81349	M22759/16-20-5	RO
36	F	6145-01-042-4621	WIRE,ELECTRICAL	81349	M22759/16-20-9	RO
37	F	6145-01-155-3534	WIRE,ELECTRICAL	81349	M22759/16-8-0	RO
38	F	6145-01-163-3352	WIRE,ELECTRICAL	81349	M22759/16-8-2	RO
39	F	6145-01-156-7866	WIRE,ELECTRICAL	81349	M22759/16-8-6	RO
40	F	6145-01-110-8898	WIRE,ELECTRICAL	81349	M22759/16-8-9	RO
41	F		COMPOUND,THREAD -LOC	81349	M46163123N	BT
42	F		SEALING COMPOUND	94833	111K1904	TU
43	F		SHIELDING GASKET,E	94833	500K0393-15	SH
44	F		SHIELDING GASKET,E	94833	500K0393-16	SH
45	F	8040-01-250-3969	ADHESIVE	94833	500K1731	TU
46	F		ADHESIVE	94833	500K2103	TU
47	F		SOLDER, WIREFORM, ELE	94833	500K2363-1	RO
48	F		PLASTIC MATERIAL UNO	94833	555K5006-23	SH
49	F		PLASTIC MATERIAL UNO	94833	555K5006-26	SH
50	F		ADHESIVE	97403	13211E8304	TU

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
NSN INDEX

NSN	FIGURE NUMBER	ITEM NUMBER
4130-00-683-8696	16	12
	24	2
4130-01-136-2206	12	7
4130-01-550-0210	1	5
4130-01-550-6484	16	5
4130-01-550-6591	2	5
4520-01-550-6461	6	1
4820-01-550-7895	2	4
	15	1
5305-00-054-6656	10	2
5305-00-054-6657	10	5
5305-01-068-1869	7	11
5305-01-466-7506	28	9
5305-01-479-1176	20	8
5305-01-479-1844	26	2
5305-01-479-1190	8	1
5305-01-479-1193	1	4
	20	11
5305-01-500-2315	12	1
	16	13
	18	1
	20	7
5305-01-500-3540	1	9
	7	1
	13	3
	17	1
	23	1
	24	1
5305-01-549-9777	9	1
	19	3
5305-01-549-9785	6	6

NSN	FIGURE NUMBER	ITEM NUMBER
5305-01-549-9802	7	20
	20	17
	25	1
5305-01-549-9878	28	1
5305-01-550-1300	11	1
5305-01-550-1309	7	4
	12	11
5305-01-550-1320	7	22
5305-01-550-6488	10	9
5305-01-550-6985	20	2
5305-01-550-7091	12	14
5305-01-550-7160	1	12
5305-01-550-7571	12	8
5305-01-550-7891	7	16
5305-01-550-7898	13	1
5305-01-550-7904	28	10
5305-01-550-7908	28	9
5310-00-045-3296	17	2
	19	2
	20	3
	23	4
	24	5
5310-00-184-9161	6	2
5310-00-241-6606	28	6
5310-00-582-5965	20	9
5310-00-809-4058	20	10
5310-01-103-6042	8	3
5310-01-458-7561	1	13
	3	2
	6	5

NSN	FIGURE NUMBER	ITEM NUMBER
	7	15
	11	4
5310-01-458-7561	12	2
	16	14
	18	2
	20	6
	26	5
5310-01-467-6832	8	2
5310-01-478-5703	1	3
	20	20
5310-01-478-9268	11	3
5310-01-500-2424	7	19
	10	3
	20	16
	25	2
	28	2
5310-01-500-2428	1	10
	7	2
	9	2
	10	8
	13	4
5310-01-531-5950	7	18
	10	4
	20	15
	25	3
	28	3
5310-01-531-6085	1	11
	7	3
	9	3
	10	7
	13	5
	17	3
	20	4
	23	3
	24	4
5310-01-532-0321	1	2
	20	12

NSN	FIGURE NUMBER	ITEM NUMBER
5310-01-533-6741	1	14
	3	3
	6	4
	7	14
	11	5
	12	3
	16	15
	18	3
	20	5
	26	4
5310-01-549-9865	26	6
5310-01-549-9869	28	12
5310-01-550-0294	28	11
5310-01-550-7100	28	7
5310-01-550-7886	20	19
5320-00-882-8388	1	20
5320-00-932-1972	1	15
5330-01-550-6594	12	26
5330-01-550-7892	12	27
5340-00-286-9424	26	3
5340-01-550-7889	11	7
5365-01-550-7959	28	8
5905-01-078-0925	7	25
5930-01-549-8283	16	2
5930-01-549-9568	16	1
5930-01-550-1814	29	8
5935-01-065-7470	14	21
5935-01-102-4389	14	17
5935-01-108-9445	14	4
5935-01-176-1708	2	6
5935-01-242-3604	14	5
5935-01-283-5345	14	29
5935-01-312-3435	2	7
5935-01-323-6818	14	2
5935-01-439-524	14	1

NSN	FIGURE NUMBER	ITEM NUMBER
5935-01-549-8297	16	11
5935-01-550-1820	29	8
5935-01-550-1821	14	36
5935-01-550-1825	29	13
5935-01-550-4514	14	37
5940-00-113-8184	14	7
5940-00-113-9828	14	35
5940-00-114-1305	14	18
5940-00-143-4771	14	6
5940-00-143-4780	14	19
5940-00-143-4794	14	11
5940-01-061-1217	14	34
5940-01-550-0237	29	2
5945-01-549-9573	10	1
5945-01-549-9577	10	6
5950-01-550-5404	11	2
5970-01-550-0121	4	9
5970-01-550-1697	4	3
5998-01-549-7929	7	6
5998-01-549-9235	13	2
5999-01-096-2015	14	31
5999-01-411-2824	14	26
5999-01-392-2231	14	28
5999-01-505-5324	14	9
5975-00-906-2414	7	12
6105-01-550-2578	7	24
6105-01-550-4369	20	18
6120-01-550-1373	7	21
6120-01-550-1710	7	23
6680-00-085-8248	16	3
	25	5

END OF WORK PACKAGE

0032-5/6 Blank

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
PART NUMBER INDEX

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
001T0010-1	1	8
001T0011-1	1	1
001T0012-1	1	6
001T0016-1	2	8
001T0017-1	2	2
001T0019-1	2	1
	3	4
001T0104-1	16	7
	17	5
001T0136-1	7	6
001T0252-1	16	5
	28	5
001T0370-1	16	10
	19	1
001T0391-1	16	4
	20	1
111K3302-102	7	25
120K2039-1	1	22
120K2039-2	1	25
120K2066	1	16
120K2067	1	21
120K2068	1	24
120K2069	1	28
13208E8536	7	12
13218E0320-208	26	6

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
13218E0320-248	11	3
13218E0320-252	28	12
13218E0320-253	20	19
13218E0493-327PIIC	7	20
	20	17
	25	1
13218E0493-347PIIC	6	6
13218E0493-349PIIC	26	2
13218E0493-350PIIC	3	1
	12	1
	16	13
	18	1
	20	7
13218E0493-352PIIC	7	16
13218E0493-1809PIIC	9	1
	19	3
13218E0493-1810PIIC	1	9
	7	1
	13	3
	17	1
	23	1
	24	1
13218E0493-1811PIIC	20	2
13218E0493-1816PIIC	10	9
13219E9486K-1	12	12
13219E9561-5	7	8
13219E9574	12	7
13221E9150-1	1	7
13221E9152K	1	19

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
13230E6231-1	14	34
	29	12
13230E6674-116A	28	10
13230E6674-139A	1	4
	20	11
13230E6674-36A	28	1
13230E6674-96A	8	1
13230E6674-99A	20	8
13230E6744-41	7	19
	10	3
	20	16
	25	2
	28	2
	13230E6744-42	1
13230E6744-42	3	2
	6	5
	7	15
	11	4
	12	2
	16	14
	18	2
	20	6
	26	5
	13230E6744-43	1	10
13230E6744-43	7	2
	9	2
	10	8
	13	4
	13230E6744-44	8	2

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
13230E6744-46	1	3
	20	20
172167-1	14	5
1444962-2	14	26
178K0015-1	2	5
178K0018-1	2	9
178K0025	4	2
178K0027	4	1
178K0029	4	8
178K0030	4	4
178K0048	4	6
178K0053	4	5
178K0054	4	3
178K0056	4	7
178K0083	11	6
178K0098-1	12	13
178K0101-1	29	1
178K0102-1	29	4
178K0103-1	29	10
178K0106-1	14	16
178K0107-1	14	20
178K0108-1	14	3
178K0110-1	14	27
178K0116-1	14	29
178K0118-1	14	8
178K0120-1	14	33
178K0121-1	14	30
178K0122-1	14	25
178K0129-1	29	6
178K0138-1	14	22
178K0138-2	14	41

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
178K0138-3	14	40
178K0138-4	14	39
178K0138-7	14	23
178K0138-8	14	24
178K0138-9	14	12
178K0138-10	14	13
178K0138-11	14	14
178K0138-12	14	15
178K0143-1	7	13
178K0159	12	4
178K0160-1	2	3
178K0163-1	7	5
178K0164-1	7	7
178K0169-1	12	26
178K0169-2	12	27
178K0175	12	28
178K0195	28	7
178K0219-1	12	15
178K0219-2	12	19
178K0219-3	12	21
178K0219-4	12	20
178K0219-5	12	16
178K0219-6	12	23
178K0219-7	12	25
178K0219-8	12	17
178K0219-9	12	24
178K0219-10	12	18
178K0219-11	12	22
178K0220-1	12	29
178K0220-2	12	31
178K0220-3	12	30
178K0220-4	12	32

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
178K0220-5	12	33
178K0226-1	18	4
178K0227-1	18	9
178K0238-1	16	6
	22	1
178K0249-1	28	8
178K0253-1	17	4
178K0271-1	16	11
	23	2
178K0297-1	25	4
178K0309-1	18	8
178K0309-2	18	7
178K0310-1	18	6
178K0310-2	18	5
178K0319-1	28	4
178K0311-1	12	10
178K0311-2	12	5
178K0311-3	12	6
178K0311-4	12	9
178K0322	4	9
178K0325-1	13	6
178K0326-1	2	10
178K0327	4	12
178K0328	4	11
178K0329	4	10
178K0332-1	14	38
178K0345	24	3
178K0365-1	16	9
178K0401-1	16	8
178K0404	7	10
178K0405	1	18
178K0406	1	17

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
178K0407	1	29
178K0408	1	27
178K0409	1	26
178K0410	1	23
2-520084-2	29	11
2-794657-0	14	37
202D132-3/86	29	7
53672-20	19	2
500K2592	13	2
500K2600-10	7	17
500K2419-1	16	3
	25	5
500K2600-29	20	14
500K2602	7	21
500K2610	7	24
	8	4
500K2616	7	26
500K2525	14	31
500K2627-7	14	32
500K2659	16	1
	26	1
500K2660	16	2
	27	1
500K2668-347	7	4
	12	11
500K2668-349	13	1
500K2668-350	12	14
500K2668-351	7	22
500K2668-354	1	12
	12	8
500K2668-1807	5	1
500K2668-1809	11	1
500K2625	14	28
500K2627-7	14	29
500K2803	1	5
500K2808-1	7	9
500K2808-2	7	27
500K2839-5	14	1
500K2839-13	14	10
500K2841-6	14	9
500K2970	20	13
500K2979	28	9
500T2415	16	12
	24	2
500T2504	11	2
500T2585-1	6	1

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
500T2585-2	6	3
500T2589	10	1
500T2590	10	6
500T2597	2	4
	15	1
500T2598	20	18
	21	1
500T2662	7	23
53672-20	29	2
640309-6	14	28
6821-4	11	7
70-307-1	14	36
88-20033-6A	7	18
	10	4
	20	15
	25	3
	28	3
88-20033-8A	1	14
	3	3
	6	4
	7	14
	11	5
	12	3
	16	15
	18	3
	20	5
	26	4
88-20033-10A	1	11
	7	3
	9	3
	10	7
	13	5
	17	3
	20	4
	23	3
	24	4
88-20033-30A	28	11
88-20033-31A	1	2
	20	12
AS21919WDG14	26	3
M24243/6A-402H	1	15
M24243/6A-403H	1	20
MS17830-5C	28	6
MS25036-101	29	9
MS25036-103	14	6

PART NUMBER	FIGURE NUMBER	ITEM NUMBER
MS25036-106	29	5
MS25036-108	14	19
MS25036-148	14	35
MS25036-150	14	7
MS25036-112	14	11
	29	3
MS25036-116	14	18
MS25036-148	14	32
MS27508E20F16S	14	21
MS2746T7F085	29	8
MS27467T25F24P	29	13
MS27468T25F24S	14	4
MS27511F20CL	2	7
MS27183-10	20	10
MS275043-22DA	2	6
MS345OL22-22P	14	17
MS35333-80	6	2
MS35338-43	17	2
	19	2
	20	3
	23	4
	24	5
MS35338-44	20	9
MS51412-4	8	3
MS51957-32	10	2
MS51957-33	10	5
MS51964-134	7	11

END OF WORK PACKAGE

FIELD AND SUSTAINMENT MAINTENANCE
ENVIRONMENTAL CONTROL UNIT (ECU), 24,000 BTUH, SPLIT PACK
(NSN 4120-01-516-4715)
REFERENCE DESIGNATOR INDEX

REFERENCE DESIGNATOR	FIGURE NUMBER	ITEM NUMBER
A1	2	9
A1	11	2
A2	7	6
A3	28	5
A4	7	23
B1	7	24
B1	8	4
B2	20	18
B2	21	1
C1	7	13
CR1	7	26
FL1	2	1
FL1	3	4
FL2	13	2
FL2	2	10
HR	2	8
HR1	6	1
HR2	6	3
K1	10	1
K2	10	6
R1	7	25
S1	1	8
S2	16	1
S2	26	1
S3	27	1
S3	16	2

REFERENCE DESIGNATOR	FIGURE NUMBER	ITEM NUMBER
T1	7	21
TB1	16	7
TB1	17	5
U1	7	5
W1	14	4
W2	14	5
W3	14	1
W4	14	10
W5	14	11
W6	14	2
W7	14	13
W8	14	12
W9	14	9
W10	14	6
W11	14	17
W12	14	16
W13	14	15
W14	14	7
W15	14	8
W16	14	3
W16	14	3
W16	14	3
W16	14	3
W17	14	14
W18	29	1
W19	29	2
W20	29	4
W21	29	3

END OF WORK PACKAGE

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is OAASA					Use Part II (<i>reverse</i>) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE 30 August 2002
TO: (<i>Forward to proponent of publication or form</i>) (<i>Include ZIP Code</i>) Commander, US Army C-E LCMC ATTN: AMSEL-LC-LEO-E-ED Fort Monmouth, NJ 07703-5006					FROM: (<i>Activity and location</i>) (<i>Include ZIP Code</i>) Jane Q. Doe, SFC 1234 Any Street Anytown, AL 34565	
PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS						
PUBLICATION/FORM NUMBER TM 11-1234-567-14					DATE 16 Sep 2001	TITLE Operator, Field and Sustainment Support Maintenance Manual for Radio, AN/ABC-123
ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON
1	WP0005 PG 3		2			Test or Corrective Action column should identify a different WP number.
TYPED NAME, GRADE OR TITLE Jane Q. Doe, SFC				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION 123-4567		SIGNATURE

EXAMPLE

TO: (Forward to proponent of publication or form) (Include ZIP Code)	FROM: (Activity and location) (Include ZIP Code)	DATE
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PART II- REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION/FORM NUMBER	DATE	TITLE
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PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION
EXAMPLE								

PART III - REMARKS (Any general remarks, recommendations, or suggestions for improvement of publications and blank forms. Additional space may be used if more space is needed.)

EXAMPLE

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
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RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is OAASA						Use Part II (<i>reverse</i>) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
TO: (<i>Forward to proponent of publication or form</i>) (<i>Include ZIP Code</i>)						FROM: (<i>Activity and location</i>) (<i>Include ZIP Code</i>)	
PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER						DATE	TITLE
ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON	
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE	

TO: <i>(Forward to proponent of publication or form) (Include ZIP Code)</i>	FROM: <i>(Activity and location) (Include ZIP Code)</i>	DATE
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PART II- REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION/FORM NUMBER			DATE		TITLE			
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

PART III - REMARKS *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)*

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ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON	
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE	

TO: <i>(Forward to proponent of publication or form) (Include ZIP Code)</i>	FROM: <i>(Activity and location) (Include ZIP Code)</i>	DATE
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PART II- REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION/FORM NUMBER			DATE		TITLE			
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By Order of the Secretary of the Army:

Official:



JOYCE E. MORROW
*Administrative Assistant to the
Secretary of the Army*

0725408

GEORGE W. CASEY, JR
*General, United States Army
Chief of Staff*

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