

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

TRUE RMS VOLTMETER, JOHN FLUKE MODEL 8922A/AA

(NSN 6695-01-084-1760)

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REPORTING OF ERRORS

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		Paragraph	Page								
SECTION I.	INTRODUCTION										
	Scope-----	1	1								
	General -----	2	1								
	Explanation of columns -----	3	1								
	Special information -----	4	5								
	How to locate repair parts -----	5	5								
	Abbreviations-----	6	6								
II.	REPAIR PARTS LIST-----		9								
	<table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;">Functional group</th> <th style="width: 20%;">Group title</th> <th style="width: 20%;">Model No.</th> <th style="width: 20%;">Part No.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">7003</td> <td style="text-align: center;">True RMS Voltmeter</td> <td style="text-align: center;">8922A/AA</td> <td style="text-align: center;">--</td> </tr> </tbody> </table>	Functional group	Group title	Model No.	Part No.	7003	True RMS Voltmeter	8922A/AA	--		
Functional group	Group title	Model No.	Part No.								
7003	True RMS Voltmeter	8922A/AA	--								
III.	NATIONAL STOCK NUMBER AND PART NUMBER INDEX		15								

Section I. INTRODUCTION

1. Scope. This manual lists spares and repair parts that are required for maintenance of the True RMS Voltmeter, John Fluke Model 8922A/AA. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General. This repair parts and special tools list (RPSTL) is divided into the following sections:

a. Section I. Introduction.

b. Section II. Repair Parts List. A list of spares and 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 numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in National Stock Number (NSN) sequence.

c. Section III. NSN and Part Number Index. A list, in National Item Identification Number (NIIN) sequence, of all NSN's appearing in the listings, followed by a list in alphameric sequence of all part numbers appearing in the listings. NSN's and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

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

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

b. Source, Maintenance, and Recoverability (SMR) codes.

(1) Source Code. Source codes 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 system.
PC -	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD -	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE -	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF -	Support equipment which will not be stocked but which will be centrally procured on demand.

- PG - Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
- KD - An item of a depot overhaul/ repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
- KF - An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.
- KB - Item included in both a depot overhaul/repair kit and a maintenance kit.
- MO - Item to be manufactured or fabricated 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.
- XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
- 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 coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(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:

Code Application/Explanation

- C - Crew or operator maintenance performed within organizational maintenance.
- O - Support item is removed, replaced, used at the organizational level.
- 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, or specialized repair activity only.

(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:

Code Application/Explanation

- 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 (enter applicable designated specialized repair activity), 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:

Recoverability Codes Definition

- Z - Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
- O - Repairable item. When uneconomically repairable, condemn and dispose at organizational level.
- F - Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.

- H - Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
- D - Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
- L - Repairable 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 (NSN). Indicates the NSN assigned to the item and which will be used for requisitioning.

d. Part Number. 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 a stock numbered item is requisitioned, the item received may have a different part number than the part being replaced.

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

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. The physical security classification of the item is indicated by the parenthetical entry (insert applicable physical security classification abbreviation, e.g., Phy Sec C1 (C)-Confidential, Phy Sec C1 (S)-Secret, Phy Sec C1 (T)-Top Secret). 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, special Test, Measurement, and Diagnostic Equipment (TMDE), and other special support equipment. When density of equipments supported exceeds density spread indicated in the BOI, the total authorization is increased accordingly.

g. Unit of Measure (U/M). Indicates the standard of 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 quantity indicates that no specific quantity is applicable (e.g., shims, spacers, etc).

4. Special Information

a. Repair parts for components of standards sets which can be identified as existing in the supply system will be requisitioned through normal supply channels from the appropriate supply commodity manager.

b. Repair parts for components of standards sets which cannot be identified as to proper supply source will be requisitioned from USAMICOM, using routing identifier B64 and furnishing as a minimum, the following as exception data.

(1) Component stock number of the individual end item to be repaired.

(2) Component manufacturer's equipment model number and serial number.

(3) The equipment manufacturer's stock number as listed in the appropriate manual for the desired repair part.

(4) The repair part reference designation, circuit reference, circuit symbol schematic designation, or reference number as listed in the manufacturer's manual.

(5) The technical specification of the repair part as contained in the appropriate manufacturer's manual.

(6) The title and date of the manufacturer's manual from which the information in paragraphs a, b(3), (4), and (5) above was taken.

NOTE

Repair parts should not be requisitioned for plug-in boards identified in the plug-in board exchange program, except by the depot designated to perform the repair. Repair of calibration set components, with plug-in board assemblies or subassemblies designated as program exchange replacements with a recoverability code of L, will be accomplished by replacing the plug-in board.

c. The plug-in board exchange program functions are as follows:

(1) Requisitioning instructions for initial issue plug-in boards will be provided since new instrument boards are included in the program.

(2) As a plug-in board covered by the program fails, a replacement will be requisitioned. Requisitions will be submitted to Commander, US Army Missile Command, B64, Redstone Arsenal, AL 35809.

(3) Simultaneously with c(2) above, the defective board being replaced will be shipped by certified mail, return receipt requested, to the following address:

Transportation Officer
Anniston Army Depot
M/F Field Service Stock
Anniston, AL 36201

When requisitioning a replacement board, the turn-in document number of the replaced board shall be cited on the requisition.

5. How to Locate Repair Parts

a. When NSN or reference number is unknown:

(1) First. Using the table of contents, determine the assembly (functional group) within which the repair part belongs.

(2) Second. Using the repair parts listing, find the functional group to which the repair part belongs and locate the item by description.

b. When NSN or reference number is known:

(1) First. Using the index of NSN's and reference numbers, find the pertinent NSN or reference number. This index is in ascending NSN cross-referenced to the illustration figure number and item number.

(2) Second. Using the repair parts listing, find the figure and item number, and locate the figure and item number in the repair parts list.

6. Abbreviations. The abbreviations listed below may appear in this RPSTL:

AC -----	alternating current
ACC -----	accordance
ACCUR -----	accuracy
AL -----	aluminum
AMP -----	ampere
ASSY -----	assembly
ASTM -----	American Standard for Testing Materiel
ATTEN -----	attenuation
AWG -----	American Wire Gage
BAN -----	banana
BLK -----	black
BR -----	brass
C -----	centigrade, calibration, cycles per second
CAL -----	calibrate
CAP -----	capacitance
CD -----	code
CER -----	ceramic
COAX -----	coaxial
COMP -----	composition
COND -----	conductor
CONN -----	connector
CONS -----	consisting
CONT -----	continual
COP -----	copper

COR -----	corrosion
CPS -----	cycles per second
CU -----	cubic
CUR -----	current
CYL -----	cylinder
DB -----	decibel
DBL -----	double
DC -----	direct current
DEG -----	degree
DET -----	detector
DIA -----	diameter
DIM -----	dimension
DIV -----	division
DPDT -----	double pole double throw
DPL -----	deployment
ELEC -----	electrical
EQUIPM -----	equipment
F -----	Fahrenheit
FED -----	Federal
FIN -----	finish
FLG -----	flange
FREQ -----	frequency
FSCM -----	Federal supply code for manufacturers
FT -----	foot
GC -----	gigacycles
GCEN -----	generator
GHZ -----	gigahertz
GCPM -----	gallons per minute
GRAD -----	graduation
H -----	high
HD -----	head
HYDR -----	hydraulic
HZ -----	hertz
ID -----	inside diameter
IN -----	inch
INCL -----	inclusive
K -----	thousand (prefix)
KC -----	kilocycles
KCG -----	kilograms
KHZ -----	kilohertz
KMHZ -----	thousand megahertz
KV -----	kilovolts
LAB -----	laboratory
LB -----	pounds
LG -----	length
LT -----	light

M	-----	thousand	RPM	-----	revolutions per minute
MA	-----	milliampere	S	-----	single
MAX	-----	maximum	SEC	-----	seconds
MC	-----	megacycles	SECT	-----	section
MFD	-----	millifarads	SERR	-----	serrated
MFR	-----	manufacturer	SHK	-----	shank
MG	-----	milligrams	SNG	-----	single
MHZ	-----	megahertz	SPEC	-----	specification
MIN	-----	minimum, minutes	SPL	-----	special
ML	-----	milliliters	SQ	-----	square
MM	-----	millimeters	STD	-----	standard
MOD	-----	modified	STGT-	-----	straight
MSEC	-----	milliseconds	SW	-----	switch
MTL	-----	material	SWR	-----	standing wave ratio
MV	-----	millivolts	SYS	-----	system
MW	-----	milliwatts	TEL	-----	telescopic
NBS	-----	National Bureau Standards	TERM	-----	terminal
NEG	-----	negative	THD	-----	thread
NO	-----	number	THERM	-----	thermometer
NOM	-----	nominal	THK	-----	thick
NPT	-----	National Pipe Thread	TSTR	-----	tester
NSN	-----	National stock number	U	-----	unit
OA	-----	overall	UF	-----	microfarads
OD	-----	outside diameter	UHF	-----	ultra high frequency
OPER	-----	operating	V	-----	volts
OZ	-----	ounce	VAC	-----	volts alternating current, vacuum
PCS	-----	pieces	VDC	-----	volts direct current
PCT	-----	percent	VHF	-----	very high frequency
PF	-----	picofarads	VSWR	-----	voltage standing wave ratio
PK	-----	peck	W	-----	watts, with, width
PLTD	-----	plated	WT	-----	weight
PN	-----	part number			
POS	-----	positive			
PP	-----	peak-to-peak			
PSI	-----	pounds per square inch			
PWR	-----	power			
REF	-----	reference			
REP	-----	repetition			
REQ	-----	required			
REQMTS	-----	requirements			
RES	-----	resistance			
RF	-----	radio frequency			
RG	-----	range			
RH	-----	right hand			
RL	-----	reel			
RM	-----	rack mounted			
RMS	-----	root mean square			
ROT	-----	rotating			

SECTION II REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 703		
						VOLTMETER TRUE RMS		
						8922A/AA 80536		
1	10	PAFZZ	6150-01-069-2263	343723	89536	CABLE ASSEMBLY SPECIAL	EA	1
1	20	PAFZZ	5910-01-016-7815	149153	89536	CAPACITOR.....	EA	4
1	30	PAFZZ	5910-01-016-7821	369124	89536	CAPACITOR.....	EA	1
1	40	PAFZZ	NOT ASSIGNED	1960474X9035HAL	56289	CAPACITOR FIXED EL.....	EA	1
1	50	PAFZZ	591-01-043-5774	CMRO5F1BIGODR	81349	CAPACITOR FIXED MICA.....	EA	1
1	60	PAFZZ	5910-01-029-8906	CMRO6F102GOOR	81349	CAPACITOR, FIXED, MICA.....	EA	1
1	70	PAFZZ	5910-00-678-8157	DD101	71590	CAPACITOR, FIXED, CER.....	EA	1
1	80	PAFZZ	5910-01-016-6754	309849	89536	CAPACITOR.....	EA	5
1	90	PAFZZ	5910-01-013-4249	362756	89536	CAPACITOR.....	EA	1
1	100	PAFZZ	5910-01-013-8854	362772	89536	CAPACITOR.....	EA	1
1	110	PAFZZ	5910-01-016-7815	149153	89536	CAPACITOR.....	EA	8
1	120	PAFZZ	5910-00-865-5044	10TSD10	56289	CAPACITOR FIXED CER.....	EA	1
1	130	PAFZZ	5910-00-678-8157	DD101	71590	CAPACITOR, FIXED, CER.....	EA	1
1	140	PAFZZ	5910-00-110-7493	C0238101E502	56289	CAPACITOR, FIXED, CER.....	EA	1
1	150	PAFZZ	5910-00-810-4849	10111792-3	18876	CAPACITOR, FIXED, CER.....	EA	1
1	160	PAFZZ	NOT ASSIGNED	C023810H253M	56289	CAPACITOR FIXED CER.....	EA	1
1	170	PAFZZ	5910-01-012-6185	1501-255471	83536	CAPACITOR FIXED CER.....	EA	1
1	180	PAFZZ	5910-00-865-5044	10TSD10	56289	CAPACITOR FIXED CER.....	EA	2
1	190	PAFZZ	5910-00-810-4849	10111792-3	18876	CAPACITOR, FIXED, CER.....	EA	8
1	200	PAFZZ	5910-01-007-5640	2222-638-09478	52361	CAPACITOR FIXED CER.....	EA	1
1	210	PAFZZ	5910-01-048-7908	VK20BA390J	95275	CAPACITOR FIXED CER.....	EA	1
1	220	PAFZZ	5910-00-930-4850	160226	89536	CAPACITOR, FIXED, ELE	EA	1
1	230	PAFZZ	5910-00-050-7172	235-7188P6	49956	CAPACITOR FIXED ELE	EA	1
1	240	PAFZZ	5910-00-199-7595	196D105X9035HA1	56289	CAPACITOR FIXED ELE	EA	1
1	250	PAFZZ	5910-00-236-8058	T368D227K010AZ	05397	CAPACITOR FIXED ELE	EA	1
1	260	PAFZZ	5910-01-027-3064	196D476X0020TE4	56289	CAPACITOR FIXED ELE	EA	1
1	270	PAFZZ	5910-01-060-7687	D10GS2B20	12954	CAPACITOR FIXED ELE	EA	11
1	280	PAFZZ	5910-00-050-7172	235-7188P6	49956	CAPACITOR FIXED ELE	EA	1
1	290	PAFZZ	5910-00-195-7595	196D105X9035HA1	56289	CAPACITOR FIXED ELE	EA	1
1	300	PAFZZ	5910-0-005-4977	C280MAE/A47K	73445	CAPACITOR FIXED MET.....	EA	1
1	310	PAFZZ	5910-00-811-5155	DM15F431G300Y	72136	CAPACITOR FIXED MICA.....	EA	1
1	320	PAFZZ	5910-00-407-2573	C280AEA27K	73445	CAPACITOR FIXED PLASTIC	EA	1
1	330	PAFZZ	5910-00-463-8095	V146Z166	00656	CAPACITOR FIXED PLASTIC	EA	1
1	340	PAFZZ	5910-00-430-2605	9300	91293	CAPACITOR VARIABLE	EA	1
1	350	PAFZZ	5910-00-244-8375	530-007	72982	CAPACITOR, VARIABLE	EA	3

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
1	360	PAFZZ	5950-00-434-3194	6160A8002	89536	COIL RADIO FREQUENCY	EA	1
1	370	PAFZZ	5950-00-755-8586	L0068	06811	COIL RADIO FREQUENCY	EA	1
1	380	PAFZZ	5950-01-012-3939	313031	89536	COIL RADIO FREQUENCY	EA	1
1	390	PAFZZ	5950-00-434-3194	616048002	89536	COIL RADIO FREQUENCY	EA	3
1	400	PAFZZ	5935-01-013-9384	152033	89536	CONNECTOR.....	EA	1
1	410	PAFZZ	5935-01-014-5515	138C640H01	97942	CONNECTOR RECEPTACLE.....	EA	1
1	420	PAFZZ	5935-01-054-3858	24765-0110	19397	CONNECTOR RECEPTACLE.....	EA	1
1	430	PAFZZ	5935-01-014-0626	379438	89536	CONNECTOR POST.....	EA	4
1	440	PAFZZ	5935-01-014-0626	379438	89536	CONNECTOR POST.....	EA	3
1	450	PAFZZ	5935-01-014-0626	379438	89536	CONNECTOR POST.....	EA	11
1	460	PAFZZ	5935-01-063-7986	3- 022-1	00779	CONNECTOR RECEPTACLE.....	EA	1
1	470	PAFZZ	5920-01-070-8058	166488	89536	FUSE	EA	1
1	480	PAFZZ	5920-00-284-9455	F028253V1-8A	81349	FUSE. CARTRIDGE	EA	1
1	490	PAFZZ	5935-00-729-5559	108-0903-001	74970	JACK, TIP	EA	1
1	500	PAFZZ	5935-00-803-1445	990C771H02	18323	JACK, TIP	EA	1
1	510	PAFZZ	5935-00-803-1445	990C771H02	18323	JACK, TIP	EA	1
1	520	PAFZZ	5935-00-729-5559	10315143	18876	JACK, TIP	EA	1
1	530	PAFZZ	5962-01-039-5852	SN74L47N	01295	MICROCIRCUIT DIGITAL	EA	1
1	540	PAFZZ	5962-00-219-7312	C040166D	02735	MICROCIRCUIT, DIGITAL	EA	1
1	550	PAFZZ	5962-01-041-7283	C04049AE	02735	MICROCIRCUIT DIGITAL	EA	2
1	560	PAFZZ	5962-00-169-4729	351-1271-010	13499	MICROCIRCUIT DIGITAL	EA	1
1	570	PAFZZ	3962-01-016-7858	381962	39536	MICROCIRCUIT LINEAR	EA	1
1	580	PAFZZ	5962-00-412-1023	3147-248906	89536	MICROCIRCUIT, LINEAR	EA	1
1	590	PAFZZ	NOT ASSIGNED	LM361N	27014	MICROCIRCUIT LINEAR	EA	2
1	600	PAFZZ	NOT ASSIGNED	101720AP	07047	MOUNTING PAD ELECTRONIC.....	EA	1
1	610	PAFZZ	NOT ASSIGNED	525023-000	14100	NUT PLAIN HEXAGON	EA	2
1	620	PAFZZ	NOT ASSIGNED	248807	89536	RESISTOR	EA	1
1	630	PAFZZ	NOT ASSIGNED	249807	89536	RESISTOR	EA	1
1	640	PAFZZ	NOT ASSIGNED	369520	89536	RESISTOR	EA	1
1	650	PAFZZ	NOT ASSIGNED	369520	89536	RESISTOR	EA	2
1	660	PAFZZ	NOT ASSIGNED	369520	89536	RESISTOR	EA	1
1	670	PAFZZ	5905-00-110-0388	RCR07G1041JS	81349	RESISTOR, FIXED, COMP	EA	3
1	680	PAFZZ	5905-00-116-8554	R8CR07G105JS	81349	RESISTOR, FIXED, COMP	EA	3
1	690	PAFZZ	5905-00-119-3505	CB6835	01121	RESISTOR FIXED COMP	EA	1
1	700	PAFZZ	5905-00-577-9598	CB1515	01121	RESISTOR, FIXED, COMP	EA	2
1	710	PAFZZ	5905-00-911-3810	CB2235	01121	RESISTOR, FIXED, COMP	EA	2
1	720	PAFZZ	5905-00-909-3885	CB1035	01121	RESISTOR, FIXED, COMP	EA	5
1	730	PAFZZ	5905-01-013-4251	369520	89536	RESISTOR	EA	1
1	740	PAFZZ	5905-00-904-3689	21CB1535	04011	RESISTOR FIXED COMP	EA	2
1	750	PAFZZ	5905-00-141-1183	RCR07G101JS	81349	RESISTOR, FIXED, COMP	EA	5

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
1	760	PAFZZ	5905-00-116-8554	RCRO7G105JS	81349	RESISTOR, FIXED, COMP	EA	8
1	770	PAFZZ	5905-00-402-4258	CB6255	01121	RESISTOR, FIXED, COMP	EA	2
1	780	PAFZZ	5905-00-402-4242	CB2265	01121	RESISTOR, FIXED, COMP	EA	1
1	790	PAFZZ	NOT ASSIGNED	21CB5115	04011	RESISTOR FIXED COMP	EA	3
1	800	PAFZZ	5905-00-121-9932	RCR07G391JS	81349	RESISTOR, FIXED, COMP	EA	4
1	810	PAFZZ	5905-00-104-8358	RCR07G822JS	81349	RESISTOR, FIXED, COMP	EA	2
1	820	PAFZZ	5905-00-909-3885	CB1035	01121	RESISTOR, FIXED, COMP	EA	2
1	830	PAFZZ	5905-00-066-8544	CB3345	01121	RESISTOR, FIXED, COMP	EA	1
1	840	PAFZZ	5905-00-913-9518	8524966-49	49671	RESISTOR, FIXED, COMP	EA	2
1	850	PAFZZ	NOT ASSIGNED	21CB8235	04011	RESISTOR FIXED COMP	EA	1
1	860	PAFZZ	5905-00-111-1679	RCR07G512JS	81349	RESISTOR, FIXED, COMP	EA	1
1	870	PAFZZ	5905-00-498-6062	CB4755	01121	RESISTOR, FIXED, COMP	EA	1
1	880	PAFZZ	5905-00-105-7767	RCR07G474JS	81349	RESISTOR, FIXED, COMP	EA	1
1	890	PAFZZ	5905-00-577-9598	CB1515	01121	RESISTOR, FIXED, COMP	EA	3
1	900	PAFZZ	5905-00-111-4727	RCR07G272JS	81349	RESISTOR, FIXED, COMP	EA	1
1	910	PAFZZ	5905-00-904-5689	21C91535	D4011	RESISTOR FIXED COMP	EA	1
1	920	PAFZZ	5905-00-135-6045	RCR07G330JS	81349	RESISTOR, FIXED, COMP	EA	4
1	930	PAFZZ	5905-00-918-6522	CB8215	01121	RESISTOR, FIXED, COMP	EA	2
1	940	PAFZZ	5905-00-911-3810	CB2235	01121	RESISTOR, FIXED, COMP	EA	2
1	950	PAFZZ	5905-00-111-1686	RCR07G161JS	81349	RESISTOR, FIXED, COMP	EA	2
1	960	PAFZZ	5905-00-111-4750	RCR07G301JS	81349	RESISTOR, FIXED, COMP	EA	4
1	970	PAFZZ	5905-00-116-8554	RCR07G105JS	81349	RESISTOR, FIXED, COMP	EA	7
1	980	PAFZZ	5905-00-402-4239	CB1565	01121	RESISTOR FIXED COMP	EA	1
1	990	PAFZZ	5905-00-905-3885	CB1035	01121	RESISTOR, FIXED, COMP	EA	1
1	1000	PAFZZ	5905-00-960-0126	CB4735	01121	RESISTOR, FIXED, COMP	EA	1
1	1010	PAFZZ	5905-00-913-9518	8524966-49	49671	RESISTOR, FIXED, COMP	EA	1
1	1020	PAFZZ	5905-00-911-3803	CB2035	01121	RESISTOR FIXED COMP	EA	1
1	1030	PAFZZ	5905-00-102-5293	CB9125	01121	RESISTOR, FIXED, COMP	EA	1
1	1040	PAFZZ	NOT ASSIGNED	21CB5105	D1011	RESISTOR FIXED COMP	EA	2
1	1050	PAFZZ	5905-00-919-5713	CB1225	01121	RESISTOR, FIXED COMP	EA	1
1	1060	PAFZZ	5905-00-904-5689	21CB1535	04011	RESISTOR FIXED COMP	EA	1
1	1070	PAFZZ	5905-00-135-3973	CB2215	01121	RESISTOR FIXED COMP	EA	1
1	1080	PAFZZ	5905-00-909-3798	21CB4705	D4011	RESISTOR FIXED COMP	EA	1
1	1090	PAFZZ	5905-00-911-3763	CB6815	01121	RESISTOR FIXED COMP	EA	2
1	1100	PAFZZ	5905-30-911-3752	CB4715	01121	RESISTOR, FIXED, COMP	EA	1
1	1110	PAFZZ	5905-00-111-1679	RCR07G512JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1120	PAFZZ	5905-00-913-9518	8524966-49	49671	RESISTOR, FIXED, COMP	EA	1
1	1130	PAFZZ	5905-00-115-7953	RCR07G180JS	81349	RESISTOR, FIXED, COMP	EA	4
1	1140	PAFZZ	5905-00-913-9518	8524966-49	49671	RESISTOR, FIXED, COMP	EA	2
1	1150	PAFZZ	5905-00-904-5696	21BC1545	D4011	RESISTOR FIXED COMP	EA	1

(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
1	1160	PAFZZ	5905-00-911-3819	21CB2745	D4011	RESISTOR FIXED COMP	EA	1
1	1170	PAFZZ	5905-00-121-9919	RCR07G106JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1180	PAFZZ	5905-00-110-0388	RCR07G104JS	81349	RESISTOR, FIXED, COMP	EA	2
1	1190	PAFZZ	5905-00-465-0333	RCR07G565JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1200	PAFZZ	5905-00-111-1679	RCR07G512JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1210	PAFZZ	5905-00-506-6841	325688	89536	RESISTOR FIXED FILM.....	EA	2
1	1220	PAFZZ	5905-00-426-7095	RNC60K1002FS	81349	RESISTOR, FIXED, FILM.....	EA	1
1	1230	PAFZZ	5905-01-012-3768	360T501A	71450	RESISTOR VARIABLE.....	EA	1
1	1240	PAFZZ	5905-01-019-8864	360T202A	71450	RESISTOR VARIABLE.....	EA	1
1	1250	PAFZZ	5961-00-471-2492	4805-203323	89536	SEMICONDUCTOR DEVICE	EA	9
1	1260	PAFZZ	5961-00-932-0550	4805-348177	89536	SEMICONDUCTOR DEVICE	EA	2
1	1270	PAFZZ	5961-00-471-2492	4805-233323	89536	SEMICONDUCTOR DEVICE	EA	1
1	1280	PAFZZ	5961-01-033-0720	AD821	24355	SEMICONDUCTOR DEVICE	EA	2
1	1290	PAFZZ	5961-00-483-4334	MPD200	03508	SEMICONDUCTOR DEVICE	EA	1
1	1300	PAFZZ	5961-00-758-4957	KSP02	11711	SEMICONDUCTOR DEVICE	EA	2
1	1310	PAFZZ	5961-00-001-7313	353-3723-021	13499	SEMICONDUCTOR DEVICE	EA	1
1	1320	PAFZZ	5961-00-471-2492	4805-203323	89536	SEMICONDUCTOR DEVICE	EA	3
1	1330	PAFZZ	5961-00-402-7743	AD811-00/17	24355	SEMICONDUCTOR DEVICE	EA	1
1	1340	PAFZZ	5961-01-014-0228	159798	89536	SEMICONDUCTOR DEVICE	EA	1
1	1350	PAFZZ	5305-01-047-7810	149534	89536	SCREW MACHINE.....	EA	2
1	1360	PAFZZ	5305-00-054-5647	010236013	81413	SCREW, MACHINE.....	EA	8
1	1370	PAFZZ	5305-00-054-5647	MS51957-13	96906	SCREW MACHINE.....	EA	13
1	1380	PAFZZ	5305-00-541-9151	335158	89536	SCREW MACHINE.....	EA	2
1	1400	PAFZZ	5535-01-068-9358	417899	53431	SOCKET PLUG IN.....	EA	2
1	1410	PAFZZ	5935-00-481-4140	280044P10	94117	SOCKET PLUG IN ELEC	EA	1
1	1420	PAFZZ	2915-00-392-2595	7717-30	13103	SPACER TRANSISTOR.....	EA	1
1	1430	PAFZZ	5930-00-403-4621	5103-284091	89536	SWITCH REED	EA	2
1	1440	PAFZZ	5930-01-042-3780	234278	89536	SWITCH SLIDE	EA	2
1	1450	PAFZZ	5961-00-005-8920	104-914A	13819	TRANSISTOR.....	EA	1
1	1455	PAFZZ	5961-00-931-6137	2N4946	80131	TRANSISTOR.....	EA	1
1	1460	PAFZZ	5961-00-323-8366	261578	89536	TRANSISTOR.....	EA	4
1	1470	PAFZZ	5961-00-402-1979	SPF179	04713	TRANSISTOR.....	EA	1
1	1480	PAFZZ	5961-01-030-4187	340026	89536	TRANSISTOR.....	EA	5
1	1490	PAFZZ	NOT ASSIGNED	2N3904	15818	TRANSISTOR.....	EA	2
1	1500	PAFZZ	5961-00-892-8706	2N3904	15818	TRANSISTOR.....	EA	2
1	1510	PAFZZ	NOT ASSIGNED	340026	89536	TRANSISTOR.....	EA	1
1	1520	PAFZZ	5961-01-045-9170	MPSH81	04713	TRANSISTOR.....	EA	10
1	1530	PAFZZ	5961-00-544-5753	MPSH10	04713	TRANSISTOR.....	EA	7
1	1540	PAFZZ	5961-00-413-0305	S22650	34148	TRANSISTOR.....	EA	2
1	1550	PAFZZ	NOT ASSIGNED	MPS6521	04713	TRANSISTOR	EA	4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
1	1560	PAFZZ	NOT ASSIGNED	MPS6521	04713	TRANSISTOR.....	EA	4
1	1570	PAFZZ	5561-30-106-5179	MPS6523	04713	TRANSISTOR.....	EA	4
1	1580	PAFZZ	5961-30-100-5179	MPS6523	04713	TRANSISTOR.....	EA	4
1	1590	PAFZZ	NOT ASSIGNED	261578	89536	TRANSISTOR.....	EA	2
1	1600	PAFZZ	NOT ASSIGNED	333803	89536	TRANSISTOR.....	EA	1
1	1610	PAFZZ	NOT ASSIGNED	MPS6562	04713	TRANSISTOR.....	EA	1
1	1620	PAFZZ	NOT ASSIGNED	2N3904	15818	TRANSISTOR.....	EA	1
1	1630	PAFZZ	NOT ASSIGNED	6MS5338-40	49690	WASHER LOCK.....	EA	2

SECTION III. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5910-00-050-7172	1	230	5910-33-678-8157	1	130
5910-00-050-7172	1	280	5935-30-729-5559	1	490
5305-00-054-5647	1	1360	5935-00-729-5559	1	520
5905-00-066-8544	1	830	5950-00-755-8586	1	370
5905-00-102-5293	1	1330	5935-30-803-1445	1	500
5905-00-104-E358	1	810	5935-00-803-1445	1	510
5905-00-105-7767	1	880	5910-00-810-4849	1	150
5961-00-106-5179	1	1570	5910-00-810-4849	1	190
5961-00-106-5179	1	1580	5910-00-865-5044	1	120
5905-00-110-0388	1	670	5910-00-865-5044	1	180
5905-00-110-0388	1	1180	5905-00-909-3885	1	720
5910-00-110-7493	1	140	5905-00-909-3885	1	820
5905-00-111-1679	1	860	5905-00-939-3885	1	990
5905-00-111-1679	1	1110	5905-00-911-3752	1	1100
5905-00-111-1679	1	1200	5905-00-911-3763	1	1090
5905-00-111-1686	1	950	5905-00-911-3803	1	1020
5905-00-111-4727	1	900	5905-00-911-3810	1	710
5905-00-111-4750	1	960	5905-00-911-3810	1	940
5905-00-115-7953	1	1130	5905-00-913-9518	1	840
5905-00-116-8554	1	680	5905-00-913-9518	1	1010
5905-00-116-8554	1	760	5905-00-913-9518	1	1120
5905-00-116-2554	1	970	5905-00-913-9518	1	1140
5905-00-121-5919	1	1170	5905-00-918-6522	1	930
5905-00-121-9932	1	800	5905-00-919-5713	1	1050
5905-00-135-6045	1	920	5910-00-930-4850	1	220
5905-00-141-1183	1	750	5961-00-931-6137	1	1455
5910-00-199-7595	1	240	5961-00-932-0550	1	1260
5910-00-199-7595	1	290	5905-00-960-0126	1	1000
5962-00-219-7312	1	540	5910-01-007-5640	1	200
5910-00-236-8058	1	250	5905-01-012-3768	1	1230
5910-00-244-8375	1	350	5950-01-012-3939	1	380
5920-00-284-9455	1	480	5910-01-013-4249	1	90
5961-00-402-1979	1	1470	5910-01-013-8854	1	100
5905-00-402-4239	1	980	5935-01-013-9384	1	400
5905-00-402-4242	1	780	5935-01-014-0626	1	430
5905-00-402-4258	1	770	5935-01-014-0626	1	440
5930-00-403-4621	1	1430	5935-01-014-0626	1	450
5910-00-407-2573	1	320	5935-01-014-5515	1	410
5962-00-412-1023	1	580	5910-01-016-6754	1	80
5905-00-426-7095	1	1220	5910-01-016-7815	1	20
5910-00-430-2605	1	340	5910-01-016-7815	1	110
5950-00-434-3154	1	360	5910-01-016-7821	1	30
5950-00-434-3194	1	390	5905-01-019-8864	1	1240
5910-00-463-8095	1	330	5910-01-029-8906	1	60
5905-00-465-0333	1	1190	5930-01-042-3780	1	140
5961-00-471-2492	1	1250	5910-01-043-5774	1	50
5961-00-471-2492	1	1270	5961-01-045-9170	1	1520
5961-00-471-2492	1	1320	5305-01-047-7810	1	1350
5935-00-481-4140	1	1410	5910-01-048-7908	1	210
5905-00-498-6062	1	870	5935-01-054-3858	1	420
5905-00-506-6841	1	1210	5910-01-060-7687	1	270
5305-00-541-9151	1	1380	5935-01-063-7986	1	460
5905-00-577-9598	1	700	5935-01-068-9358	1	1400
5905-00-577-9598	1	890	6150-01-069-2263	1	10
5910-00-678-8157	1	70	5920-01-070-8058	1	470
V (Continued)			V (Continued)		
5961-00-001-7313	1	1310	5910-01-005-4977	1	300
5961-00-005-8920	1	1450	5910-01-012-6185	1	170
5305-00-054-5647	1	1370	5905-01-013-4251	1	730
5905-00-119-3505	1	690	5961-01-014-0228	1	1340
5905-00-135-3973	1	1070	5962-01-016-7858	1	570
5962-00-169-4729	1	560	5910-01-027-3064	1	260
5961-00-328-8366	1	1460	5961-01-030-4187	1	1480
2915-00-392-2595	1	1420	5961-01-033-0720	1	1280
5961-00-402-7743	1	1330	5962-01-039-5852	1	530
5961-00-413-0305	1	1540	5962-01-041-7283	1	550
5961-00-483-4334	1	1290			
5961-00-544-5753	1	1530			
5961-00-758-4957	1	1300			
5910-00-811-5155	1	310			
5961-00-892-8706	1	1500			
5905-00-904-5689	1	740			
5905-00-904-5689	1	910			
5905-00-904-5689	1	1060			
5905-00-904-5696	1	1150			
5905-00-909-3798	1	1080			
5905-00-911-3819	1	1160			

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AD811-00/17	24355	1	1330	108-0903-001	74970	1	490
AD821	24355	1	1280	138C640H01	97942	1	410
CB1035	01121	1	720	149153	89536	1	20
CB1035	01121	1	820	149153	89536	1	110
CB1035	01121	1	990	149534	89536	1	1350
CB1225	01121	1	1050	1501-255471	83536	1	170
CB1515	01121	1	700	152033	89536	1	400
CB1515	01121	1	890	159798	89536	1	1340
CB1565	01121	1	980	160226	89536	1	220
CB2035	01121	1	1020	166488	89536	1	470
CB2215	01121	1	1070	196D105X9035HA1	56289	1	240
CB2235	01121	1	710	196D105X9035HA1	56289	1	290
CB2235	01121	1	940	196D474X9035HAL	56289	1	40
CB2265	01121	1	780	196D476X0020TE4	56289	1	260
CB3345	01121	1	830	2N3904	15818	1	1490
CB4715	01121	1	1100	2N3904	15818	1	1500
CB4735	01121	1	1000	2N3904	15818	1	1620
CB4755	01121	1	870	2N4946	80131	1	1455
CB6255	01121	1	770	21CB1535	D4011	1	740
CB6815	01121	1	1090	21CB1535	D4011	1	910
CB6835	01121	1	690	21CB1535	D4011	1	1060
CB8215	01121	1	930	21CB1545	D4011	1	1150
CB9125	01121	1	1030	21CB2745	D4011	1	1160
CD4316AD	02735	1	540	21CB4705	D4011	1	1080
CD4049AE	02735	1	550	21CB5105	D1011	1	1040
CMR05F181G0DR	81349	1	50	21CB5115	D4011	1	790
CMR06F102G0DR	81349	1	60	21CB8235	D4011	1	850
C023B10H253M	56289	1	160	2222-638-09478	52361	1	200
C023B101E502M	56289	1	140	234278	89536	1	1440
C280AEA27K	73445	1	320	235-7188P6	49956	1	230
C28CMAE/A47K	73445	1	300	235-7188P6	49956	1	280
DD101	71590	1	70	24765-0110	19397	1	420
DD101	71590	1	130	248807	89536	1	620
DM15F431G300Y	72136	1	310	248807	89536	1	630
D10GS2B20M	12954	1	270	261578	89536	1	1460
F02B250V1-8A	81349	1	480	261578	89536	1	1590
KBPO2	11711	1	1300	280044P10	94117	1	1410
LM361N	27014	1	590	3-87022-1	00779	1	460
L0068	06811	1	370	309849	89536	1	80
MPD200	03508	1	1290	313031	89536	1	380
MPSH10	04713	1	1530	3147-248906	89536	1	580
MPSH81	04713	1	1520	325688	89536	1	1210
MPS6521	04713	1	1550	330803	89536	1	1600
MPS6521	04713	1	1560	335158	89536	1	1380
MPS6523	04713	1	1570	340026	89536	1	1480
MPS6523	04713	1	1580	340026	89536	1	1510
MPS6562	04713	1	1610	343723	89536	1	10
MS51957-13	96906	1	1370	351-1271-010	13499	1	560
RCR07G101JS	81349	1	750	353-3723-021	13499	1	1310
RCR07G104JS	81349	1	670	360T1202A	71450	1	1240
RCR07G104JS	81349	1	1180	360T501A	71450	1	1230
RCR07G105JS	81349	1	680	362756	89536	1	90
RCR07G105JS	81349	1	760	362772	89536	1	100
RCR07G105JS	81349	1	970	369124	89536	1	30
RCR07G106JS	81349	1	1170	369520	89536	1	640
RCR07G161JS	81349	1	950	369520	89536	1	650
RCR07G180JS	81349	1	1130	369520	89536	1	660
RCR07G272JS	81349	1	900	369520	89536	1	730
RCR07G301JS	81349	1	960	379438	89536	1	430
RCR07G330JS	81349	1	920	379438	89536	1	440
RCR07G391JS	81349	1	800	379438	89936	1	450
RCR07G474JS	81349	1	880	381962	89536	1	570
RCR07G512JS	81349	1	860	417899	53431	1	1400
RCR07G512JS	81349	1	1110	4805-203323	89536	1	1250
RCA07G512JS	81349	1	1200	4805-203323	89536	1	1270
RCR07G565JS	81349	1	1190	4805-203323	89536	1	1320
RCR07G822JS	81349	1	810	4805-348177	89536	1	1260
RNC60K1002FS	81349	1	1220	5103-284091	89536	1	1430
SN74L47N	01295	1	530	525023-000	14100	1	610
SPF179	04713	1	1470	530-007	72982	1	350
S22650	34148	1	1540	6MS5338-40	49690	1	1630
T368D227K010AZ	05397	1	250	6160A8002	89536	1	360
VK20BA390J	95275	1	210	6160A8002	89536	1	390
V146Z166	00656	1	330	7717-30	13103	1	1420
010236013	81413	1	1360	8524966-49	49671	1	840
10TSD10	56289	1	120	8524966-49	49671	1	1010
10TSD10	56289	1	180	8524966-49	49671	1	1120
10111792-3	18876	1	150	8524966-49	49671	1	1140
10111792-3	18876	1	190	9300	91293	1	340
101172DAP	07047	1	600	990C771H02	18323	1	500
10315143	18876	1	520	990C771H02	18323	1	510
104-914A	13819	1	1450				

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Radio Frequency R-2176/FRN

BE EXACT... PIN-POINT WHERE IT IS

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

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

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PREVIOUS EDITIONS ARE OBSOLETE.

P.S.—IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

