

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

FOR
PRECISION OSCILLATOR, KROHN-Hite Model 4100AR-8

(NSN 6695-01-080-6547)

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REPORTING OF ERRORS

You can help improve this publication by calling attention to errors and by recommending improvements and stating your reasons for the recommendations. Your letter or DA Form 2028, Recommended Changes to Publications, should be mailed directly to Commander, US Army Missile Command, ATTN: DRSMI-MFML, Redstone Arsenal, AL 35898. A reply will be furnished directly to you.

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Section I. INTRODUCTION

1. Scope. This manual lists spares and repair parts that are required for maintenance of the Precision Oscillator, Krohn-Hite Model 4100AR-8. 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 alphanumeric 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. provided since new instrument boards

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 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 35898.

(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	DIM-----	dimension
ACC-----	accordance	DIV-----	division
ACCUR-----	accuracy	DPDT-----	double pole double
AL-----	aluminum	throw	
AMP-----	ampere	DPL-----	deployment
ASSY-----	assembly	ELEC-----	electrical
ASTM-----	American Standard for	EQUIPM-----	equipment
	Testing Materiel	F-----	Fahrenheit
ATTEN-----	attenuation	FED-----	Federal
AWG-----	American Wire Gage	FIN-----	finish
BAN-----	banana	FLG-----	flange
BLK-----	black	FREQ-----	frequency
BR-----	brass	FSCM-----	Federal supply code for
C-----	centigrade, calibration		manufacturers
	cycles per second	FT-----	foot
CAL-----	calibrate	GC-----	gigacycles
CAP-----	capacitance	GEN-----	generator
CD-----	code	GHZ-----	gigahertz
CER-----	ceramic	GPM-----	gallons per minute
COAX-----	coaxial	GRAD-----	graduation
COMP-----	composition	H-----	high
COND-----	conductor	HD-----	head
CONN-----	connector	HYDR-----	hydraulic
CONS-----	consisting	HZ-----	hertz
CONT-----	continual	ID-----	inside diameter
COP-----	copper	IN-----	inch
COR-----	corrosion	INCL-----	inclusive
CPS-----	cycles per second	K-----	thousand (prefix)
CU-----	cubic	KC-----	kilocycles
CUR-----	current	KG-----	kilograms
CYL-----	cylinder	KHZ-----	kilohertz
DB-----	decibel	KMHZ-----	thousand megahertz
DBL-----	double	KV-----	kilovolts
DC-----	direct current	LAB-----	laboratory
DEG-----	degree	LB-----	pounds
DET-----	detector	LG-----	length
DIA-----	diameter	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) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION <i>USABLE ON CODE</i>	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
						GROUP 7015 OSCILLATOR,PRECISION 4100AR-8 88865 7915951 18876 MAINFRAME ASSEMBLY CONSISTING OF		
1	10	PAFZZ	5910-00-401-2969	831M100651 474M	18796	CAPACITOR, FIXED, CER	EA	1
1	20	PAFZZ	5910-00-788-0328	C0238501G103M	56289	CAPACITOR, FIXED, CER	EA	5
1	30	PAFZZ	5910-01-041-9638	30D156G050CB2	56289	CAPACITOR, FIXED ELE	EA	2
1	40	PAFZZ	5910-00-050-7172	235-7188P6	49956	CAPACITOR, FIXED, ELE	EA	4
1	50	PAFZZ	5910-00-689-2781	8131M100651 2244	18796	CAPACITOR, .FIXED, CER	EA	1
1	60	PAFZZ	5910-01-045-4226	CMR05C120J0DR	81349	CAPACITOR, FIXED, MIC	EA	2
1	80	PAFZZ	5910-00-903-9562	WMF1P22	14655	CAPACITOR, FIXED, PLA	EA	1
1	90	PAFZZ	5910-00-409-3697	WMF1S39	14655	CAPACITOR, FIXED, PLA	EA	1
1	100	PAFZZ	5910-00-264-5098	9212-68910	06560	CAPACITOR, FIXED, PAP	EA	1
1	110	PAFZZ	5910-00-838-9421	CK60AW102M	81349	CAPACITOR, FIXED, CER	EA	5
1	120	PAFZZ	5910-01-067-5391	CMR05C150J0DR	81349	CAPACITOR, FIXED, MIC	EA	2
1	130	PAFZZ	5910-01-030-6230	C023A501J203M	56289	CAPACITOR, FIXED, CER	EA	2
1	140	PAFZZ	5910-00-840-1845	JM190-15PF10PCT	06560	CAPACITOR, FIXED CER	EA	2
1	150	PAFZZ	5910-00-225-2850	C023A501G103M	56289	CAPACITOR, FIXED, CER	EA	1
1	160	PAFZZ	5910-01-005-9774	9209-33910	88865	CAPACITOR, FIXED CER	EA	1
1	170	PAFZZ	5910-00-843-1543	30D107G003CB2	56289	CAPACITOR, FIXED, ELE	EA	1
1	180	PAFZZ	5910-00-835-2710	CTM103VAJ	81349	CAPACITOR, FIXED, PLA	EA	1
1	190	PAFZZ	5910-01-029-8906	CMR06F102G0DR	81349	CAPACITOR, FIXED, MIC	EA	1
1	200	PAFZZ	5910-00-824-9992	C023B501F472M	56289	CAPACITOR, FIXED, CER	EA	1
1	210	PAFZZ	4935-01-048-8855	WMF1D33	06887	CAPACITOR, FIXED PLA	EA	1
1	220	PAFZZ	5910-00-809-5484	0160-0127	28480	CAPACITOR, FIXED, CER	EA	1
1	230	PAFZZ	5910-00-827-1206	30D205G015BA2	56289	CAPACITOR, FIXED, ELE	EA	1
1	240	PAFZZ	5910-00-835-2718	CTM223VAJ	81349	CAPACITOR, FIXED, PLA	EA	1
1	250	PAFZZ	5910-00-836-9274	CTM683VAJ	81349	CAPACITOR, FIXED, PLA	EA	1
1	260	PAFZZ	5910-00-232-2980	30D107G025DD4	56289	CAPACITOR, FIXED, ELE	EA	1
1	270	PAFZZ	5910-00-264-5098	9212-68910	06560	CAPACITOR, FIXED, PAP	EA	3
1	280	PAFZZ	5910-00-838-9421	CK60AW102M	81349	CAPACITOR, FIXED, CER	EA	1
1	290	PAFZZ	5910-01-005-9775	9210-47910	88865	CAPACITOR, FIXED, CER	EA	3
1	300	PAFZZ	5910-01-067-5391	CMR05C150J0DR	81349	CAPACITOR, FIXED, MIC	EA	1
1	310	PAFZZ	5910-01-005-9787	9213-12110	88865	CAPACITOR, FIXED, CER	EA	1
1	320	PAFZZ	5950-01-013-5115	MS14046-6	96906	COIL, RADIO FRECUENC	EA	3
1	330	PAFZZ	5950-00-734-3940	MS18130-8	96906	COIL, RADIO FRECUENC	EA	3

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION <i>USABLE ON CODE</i>	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
1	340	PAFZZ	5950-00-724-6215	MS18130-14	96906	COIL,RADIO FRECUEN.....	EA	3
1	350	PAFZZ	5920-00-891-4162	MDL5A	71400	FUSE,CARTRIDGE.....	EA	1
1	360	PAFZZ	5905-00-107-0656	RCR7G00JS	81349	RESISTOR,FIXED,COMP.....	EA	4
1	370	PAFZZ	5905-00-110-0388	RCR07G104JS	81349	RESISTOR,FIXED,COMP.....	EA	3
1	380	PAFZZ	5905-00-120-9154	RCR07G471JS	81349	RESISTOR,FIXED,COMP.....	EA	5
1	390	PAFZZ	5905-00-114-0710	RCR07G331JS	81349	RESISTOR,FIXED,COMP.....	EA	11
1	400	PAFZZ	5905-00-244-8258	RCR32G332JS	81349	RESISTOR,FIXED,COMP.....	EA	1
1	410	PAFZZ	9005-00-110-7620	RCR07G102JS	81349	RESISTOR,FIXED,COMP.....	EA	14
1	420	PAFZZ	5905-00-138-4927	RCR42G102JS	81349	RESISTOR,FIXED,COMP.....	EA	2
1	430	PAFZZ	5905-00-106-1356	RCR07G152JS	81349	RESISTOR,FIXED,COMP.....	EA	5
1	440	PAFZZ	5908-00-498-6052	CB2201	01121	RESISTOR,FIXED,COMP.....	EA	2
1	450	PAFZZ	5905-00-494-4622	RCR32G182JS	81349	RESISTOR,FIXED,COMP.....	EA	3
1	460	PAFZZ	5905-00-141-0744	RCR07G562JS	81349	RESISTOR,FIXED,COMP.....	EA	5
1	470	PAFZZ	5905-00-135-6046	RCR07G681JS	81349	RESISTOR,FIXED,COMP.....	EA	4
1	480	PAFZZ	5905-00-135-3973	RCR07G221JS	81349	RESISTOR,FIXED,COMP.....	EA	11
1	490	PAFZZ	5905-00-110-0196	RCR20G102JS	81349	RESISTOR,FIXED,COMP.....	EA	1
....1	500	PAFZZ	5905-00-106-3666	RCR07G103JS	81349	RESISTOR,FIXED,COMP.....	EA	3
1	510	PAFZZ	5905-00-116-8555	RCR07G153JS	81349	RESISTOR,FIXED,COMP.....	EA	6
1	520	PAFZZ	5905-00-121-9861	RCR32G102JS	81349	RESISTOR,FIXED,COMP.....	EA	3
1	530	PAFZZ	5905-00-141-0743	RCR07G392JS	81349	RESISTOR,FIXED,COMP.....	EA	1
1	540	PAFZZ	5905-00-912-7488	CB3025	01121	RESISTOR,FIXED,COMP.....	EA	1
1	550	PAFZZ	5905-00-119-3504	RCR07G273JS	81349	RESISTOR,FIXED,COMP.....	EA	2
1	560	PAFZZ	5905-00-141-1130	RCR20G272JS	81349	RESISTOR,FIXED,COMP.....	EA	1
1	570	PAFZZ	5905-01-021-1491	RLR07C1001FR	81349	RESISTOR,FIXED,FILM.....	EA	1
1	580	PAFZZ	5905-01-038-7838	RLR07C2001FR	81349	RESISTOR,FIXED,FILM.....	EA	1
1	590	PAFZZ	5905-01-021-1495	RLR07C2211FR	81349	RESISTOR,FIXED,FILM.....	EA	1
1	600	PAFZZ	5905-00-141-0743	RCR07G392JS	81349	RESISTOR,FIXED,COMP.....	EA	1
1	610	PAFZZ	5905-00-114-5361	RCR20G121JS	81349	RESISTOR,FIXED,COMP.....	EA	1
1	620	PAFZZ	5905-00-141-1168	RCR20G222JS	81349	RESISTOR,FIXED,COMP.....	EA	2
1	630	PAFZZ	5905-00-141-1183	RCR07G101JS	81349	RESISTOR,FIXED,COMP.....	EA	17
1	640	PAFZZ	5905-00-116-8554	RCR07G105JS	81349	RESISTOR,FIXED,COMP.....	EA	4
1	650	PAFZZ	5905-00-110-7622	RCR07G682JS	81349	RESISTOR,FIXED,COMP.....	EA	6
1	660	PAFZZ	5905-00-119-3505	RCR07G683JS	81349	RESISTOR,FIXED,COMP.....	EA	3
1	670	PAFZZ	5905-00-498-6053	CB2231	01121	RESISTOR,FIXED,COMP.....	EA	8
1	680	PAFZZ	5905-00-105-7767	RCR07G474JS	81349	RESISTOR,FIXED,COMP.....	EA	1
1	690	PAFZZ	5905-00-114-0711	RCR07G472JS	81349	RESISTOR,FIXED,COMP.....	EA	6
1	700	PAFZZ	5905-00-114-5343	RCR07G182JS	81349	RESISTOR,FIXED,COMP.....	EA	3
1	710	PAFZZ	5905-00-498-6048	CB1831	01121	RESISTOR,FIXED,COMP.....	EA	3
1	720	PAFZZ	5905-00-141-0593	RCR20G182JS	81349	RESISTOR,FIXED,COMP.....	EA	3
1	730	PAFZZ	5905-00-994-6676	EB10G1	01121	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 <i>USABLE ON CODE</i>	U/M	QTY INC IN UNIT
1	740	PAFZZ	5905-00-004-6426	HB8211	01121	RFSISTOR, FIXED COMP	EA	2
1	750	PAFZZ	5905-00-111-1679	RCR07G512JS	81349	RESISTOR, FIXED, COMP	EA	1
1	760	PAFZZ	5905-00-102-5293	CB9125	01121	RESISTOR, FIXED, COMP	EA	1
1	770	PAFZZ	5905-00-104-8358	RCR07G822JS	81349	RESISTOR, FIXED, COMP	EA	4
1	780	PAFZZ	5909-00-066-8544	CB3345	01121	RESISTOR, FIXED, COMP	EA	1
1	790	PAFZZ	5905-00-066-8544	CB3341	01121	RESISTOR, FIXED, COMP	EA	1
1	800	PAFZZ	5905-00-141-0742	RCR07G181JS	81349	RESISTOR, FIXED, COMP	EA	1
1	810	PAFZZ	5905-00-119-8768	RCR07G821JS	81349	RESISTOR, FIXED, COMP	EA	2
1	820	PAFZZ	5905-00-121-9932	RCR07G391JS	81349	RESISTOR, FIXED, COMP	EA	4
1	830	PAFZZ	5905-00-136-8431	RCR07G432JS	81349	RESISTOR, FIXED, COMP	EA	2
1	840	PAFZZ	5905-00-407-2151	CB1221	01121	RESISTOR, FIXED, COMP	EA	2
1	850	PAFZZ	5905-00-455-4403	RCR07G2RJS	81349	RESISTOR, FIXED, COMP	EA	2
1	860	PAFZZ	5905-00-407-2150	CB8201	01121	RESISTOR, FIXED, COMP	EA	2
1	870	PAFZZ	5905-00-802-6730	CB4705	01121	RESISTOR, FIXED, COMP	EA	1
1	880	PAFZZ	5905-00-487-8874	CB1211	01121	RESISTOR, FIXED, COMP	EA	2
1	890	PAFZZ	5905-00-105-7764	RCR07G222JS	81349	RESISTOR, FIXED, COMP	EA	3
1	900	PAFZZ	5905-00-106-1278	RCR07G123JS	81349	RESISTOR, FIXED, COMP	EA	1
1	910	PAFZZ	5905-00-118-4559	RCR07G333JS	81349	RESISTOR, FIXED, COMP	EA	1
1	920	PAFZZ	5905-00-126-6683	RCR07G332JS	81349	RESISTOR, FIXED, COMP	EA	2
1	930	PAFZZ	5905-00-400-4528	RCR07G124JS	81349	RESISTOR, FIXED, COMP	EA	1
1	940	PAFZZ	5905-00-111-4727	RCR07G272JS	81349	RESISTOR, FIXED, COMP	EA	3
1	950	PAFZZ	5905-00-254-7413	EB1521	01121	RESISTOR, FIXED COMP	EA	2
1	960	PAFZZ	5905-00-909-3885	CB1035	01121	RESISTOR, FIXED, COMP	EA	1
1	970	PAFZZ	5905-00-968-6158	GB8211	01121	RESISTOR, FIXED, COMP	EA	1
1	980	PAFZZ	5905-00-110-0388	RCR07G104JS	81349	RESISTOR, FIXED, COMP	EA	1
1	990	PAFZZ	5905-00-402-4253	CB1645	01121	RESISTOR, FIXED, COMP	EA	1
1	1000	PAFZZ	5905-00-119-8768	RCR07G821JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1010	PAFZZ	5905-00-498-6058	CB3901	01121	RESISTOR, FIXED, COMP	EA	3
1	1020	PAFZZ	5905-00-407-2154	CB2711	01121	RESISTOR, FIXED, COMP	EA	2
1	1030	PAFZZ	5905-00-247-2734	GB4711	01121	RESISTOR, FIXED, COMP	EA	1
1	1040	PAFZZ	5905-00-119-8811	RCR0G151JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1050	PAFZZ	5905-00-477-1419	CB1501	01121	RESISTOR, FIXED, COMP	EA	1
1	1060	PAFZZ	5905-00-412-1121	RCR42G221JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1070	PAFZZ	5905-00-133-0440	RCR07G560JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1080	PAFZZ	5905-00-114-5343	RCR07G182JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1090	PAFZZ	5905-00-106-1248	RCR07G162JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1100	PAFZZ	5905-00-141-0717	RCR07G473JS	81349	RESISTOR, FIXED, COMP	EA	3
1	1110	PAFZZ	5905-00-115-8055	RCR07G393JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1120	PAFZZ	5905-00-131-9729	RCR07G302JS	81349	RESISTOR, FIXED, COMP	EA	1
1	1130	PAFZZ	5905-00-435-6374	RCR07G823JS	81349	RESISTOR, FIXED, COMP	EA	1

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4)		(5) FSCM	(6) DESCRIPTION <i>USABLE ON CODE</i>	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.			PART NUMBER					
1	1140	PAFZZ	5905-00-114-5344	RCR07G184JS		81349	RESISTOR, FIXED, COMP	EA	1
1	1150	PAFZZ	5905-00-111-4742	RCR20G391JS		81349	RESISTOR, FIXED, COMP	EA	1
1	1160	PAFZZ	5905-00-114-5339	RCR07G154JS		81349	RESISTOR, FIXED, COMP	EA	1
1	1180	PAFZZ	5905-00-126-6703	RCR07G226JS		81349	RESISTOR, FIXED, COMP	EA	1
1	1190	PAFZZ	5905-00-113-4860	RCR07G270JS		81349	RESISTOR, FIXED, COMP	EA	1
1	1200	PAFZZ	5905-00-126-6677	RCR07G335JS		81349	RESISTOR, FIXED, COMP	EA	1
1	1210	PAFZZ	5905-00-105-7765	RCR07G224JS		81349	RESISTOR, FIXED, COMP	EA	1
1	1220	PAFZZ	5905-00-104-8358	RCR07G822JS		81349	RESISTOR, FIXED, COMP	EA	1
1	1230	PAFZZ	5905-00-407-2152	CB2241		01121	RESISTOR, FIXED, COMP	EA	1
1	1240	PAFZZ	5961-00-224-3620	MZ2361		04713	SEMICONDUCTOR DEVIC	EA	2
1	1250	PAFZZ	5950-00-425-3079	57-0181		78488	SHIELDING BEAD, ELEC	EA	1
1	1260	PAFZZ	5930-00-022-5913	GF123		79727	SWITCH, SLIDE	EA	1
1	1270	PAFZZ	5961-00-173-4034	MJE2520		04713	TRANSISTOR	EA	2
1	1280	PAFZZ	5961-00-191-5363	MPS6518		04713	TRANSISTOR	EA	9
1	1290	PAFZZ	5961-00-231-3746	TIS97		01295	TRANSISTOR	EA	3
1	1300	PAFZZ	5961-00-232-3390	2N5225		80131	TRANSISTOR	EA	6
1	1310	PAFZZ	5961-00-233-4253	MPS6566		04713	TRANSISTOR	EA	5
1	1320	PAFZZ	5961-00-231-3747	MM2005-2		04713	TRANSISTOR	EA	6
1	1340	PAFZZ	5961-00-103-4429	MPS6515		04713	TRANSISTOR	EA	4
1	1350	PAFZZ	5961-00-493-1102	2N5189		80131	TRANSISTOR	EA	2
1	1360	PAFZZ	5961-00-535-4502	247ASC1226-001		30003	TRANSISTOR	EA	2
1	1370	PAFZZ	5961-00-949-1440	JAN2N2905A		81349	TRANSISTOR	EA	1
1	1380	PAFZZ	5961-00-103-4430	MPS3646		04713	TRANSISTOR	EA	3
1	1390	PAFZZ	5961-00-404-5537	2N5087		80130	TRANSISTOR	EA	1
1	1400	PAFZZ	5961-00-391-5138	TIS92		01295	TRANSISTOR	EA	1

SECTION III. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5905-00-004-6426	1	740	5961-00-231-3746	1	1290
5930-00-022-5913	1	1260	5961-00-231-3747	1	1320
5910-00-050-7172	1	40	5910-00-232-2980	1	260
5905-00-066-8544	1	780	5961-00-232-3390	1	1300
5905-00-066-8544	1	790	5961-00-233-4253	1	1310
5905-00-102-5293	1	760	5905-00-244-8258	1	400
5961-00-103-4429	1	1340	5905-00-247-2734	1	1030
5961-00-103-4430	1	1380	5905-00-254-7413	1	950
5905-00-104-8358	1	770	5910-00-264-5098	1	100
5905-00-104-8358	1	1220	5910-00-264-5098	1	270
5905-00-105-7764	1	890	5961-00-391-5138	1	1400
5905-00-105-7765	1	1210	5905-00-400-4528	1	930
5905-00-105-7767	1	680	5910-00-401-2969	1	10
5905-00-106-1248	1	1090	5905-00-402-4253	1	990
5905-00-106-1278	1	900	5961-00-404-5537	1	1390
5905-00-106-1356	1	430	5905-00-407-2150	1	860
5905-00-106-3666	1	500	5905-00-407-2151	1	840
5905-00-107-0656	1	360	5905-00-407-2152	1	1230
5905-00-110-0196	1	490	5905-00-407-2154	1	1020
5905-00-110-0389	1	370	5910-00-409-3697	1	90
5905-00-110-0388	1	980	5905-00-412-1121	1	1060
5905-00-110-7620	1	410	5950-00-425-3079	1	1250
5905-00-110-7622	1	650	5905-00-435-6374	1	1130
5905-00-111-1679	1	750	5905-00-455-4403	1	850
5905-00-111-4727	1	940	5905-00-477-1419	1	1050
5905-00-111-4742	1	1150	5905-00-487-8874	1	880
5905-00-113-4860	1	1190	5961-00-493-1102	1	1350
5905-00-114-0710	1	390	5905-00-494-4622	1	450
5905-00-114-0711	1	690	5905-00-498-6048	1	710
5905-00-114-5339	1	1160	5905-00-498-6052	1	440
5905-00-114-5343	1	700	5905-00-498-6053	1	670
5905-00-114-5343	1	1080	5905-00-498-6058	1	1010
5905-00-114-5344	1	1140	5961-00-535-4502	1	1360
5905-00-114-5361	1	610	5910-00-689-2781	1	50
5905-00-115-8055	1	1110	5950-00-724-6215	1	340
5905-00-116-8554	1	640	5950-00-734-3940	1	330
5905-00-116-8555	1	510	5910-00-788-0328	1	20
5905-00-118-4559	1	910	5905-00-802-6730	1	870
5905-00-119-3504	1	550	5910-00-809-5484	1	220
5905-00-119-3505	1	660	5910-00-824-9992	1	200
5905-00-119-8768	1	810	5910-00-827-1206	1	230
5905-00-119-8768	1	1000	5910-00-835-2710	1	180
5905-00-119-8811	1	1040	5910-00-835-2718	1	240
5905-00-120-9152	1	1170	5910-00-836-9274	1	250
5905-00-120-9154	1	380	5910-00-838-9421	1	110
5905-00-121-9861	1	520	5910-00-838-9421	1	280
5905-00-121-9932	1	820	5910-00-840-1845	1	140
5905-00-126-6677	1	1200	5910-00-843-1543	1	170
5905-00-126-6683	1	920	5920-00-891-4162	1	350
5905-00-126-6703	1	1180	5910-00-903-9562	1	80
5905-00-131-9729	1	1120	5905-00-909-3885	1	960
5905-00-133-0440	1	1070	5905-00-912-7488	1	540
5905-00-135-3973	1	480	5961-00-946-6635	1	1330
5905-00-135-6046	1	470	5961-00-949-1440	1	1370
5905-00-136-8431	1	830	5905-00-968-6158	1	970
5905-00-138-4927	1	420	1✓ 5905-00-994-6676	1	730
5905-00-141-0593	1	720	5910-01-005-9775	1	290
5905-00-141-0717	1	1100	5910-01-005-9787	1	310
5905-00-141-0742	1	800	5950-01-013-5115	1	320
5905-00-141-0743	1	530	5905-01-021-1491	1	570
5905-00-141-0743	1	600	5905-01-021-1495	1	590
5905-00-141-0744	1	460	5910-01-029-8906	1	190
5905-00-141-1130	1	560	5910-01-030-6230	1	130
5905-00-141-1168	1	620	5905-01-038-7838	1	580
5905-00-141-1183	1	630	5910-01-041-9638	1	30
5961-00-173-4034	1	1270	5910-01-045-4226	1	60
5961-00-191-5363	1	1280	4935-01-048-8855	1	210
5961-00-224-3620	1	1240	5910-01-067-5391	1	120
5910-00-225-2850	1	150	5910-01-067-5391	1	300
			1✓ 5910-01-005-9774	1	160

PART NUMBER	FIG. NO.	ITEM NO.	PART NUMBER	FIG. NO.	ITEM NO.
CB1035	01121	1 960	CB2201	01121	1 440
CB1211	01121	1 880	CB2231	01121	1 670
CB1221	01171	1 840	CB2241	01121	1 1230
CB1501	01121	1 1050	CB2711	01121	1 1020
CB1645	01121	1 990	CB3025	01121	1 540
CB1831	01121	1 710	CB3341	01121	1 790

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CB3345	01121	1	780	RCR07G274JS	81349	1	1170
CB3901	01121	1	1010	RCR07G302JS	81349	1	1120
CB4705	01121	1	870	RCR07G331JS	81349	1	390
CB8201	01121	1	860	RCR07G332JS	81349	1	920
CB9125	01121	1	760	RCR07G333JS	81349	1	910
CK60AW102M	81349	1	110	RCR07G335JS	81349	1	1200
CK60AW102M	81349	1	280	RCR07G391JS	81349	1	820
CMR05C120J0DR	81349	1	60	RCR07G392JS	81349	1	530
CMR05C150J0DR	81349	1	120	RCR07G392JS	81349	1	600
CMR05C150J0DR	81349	1	300	RCR07G393JS	81349	1	1110
CMR06F102G0DR	81349	1	190	RCR07G432JS	81349	1	830
CTM103VAJ	81349	1	180	RCR07G471JS	81349	1	380
CTM223VAJ	81349	1	240	RCR07G472JS	81349	1	690
CTM683VAJ	81349	1	250	RCR07G473JS	81349	1	1100
C023A501G103M	56289	1	150	RCR07G474JS	81349	1	680
C023A501J203M	56289	1	130	RCR07G512JS	81349	1	750
C023B501F472M	56289	1	200	RCR07G560JS	81349	1	1070
C023B501G103M	56289	1	20	RCR07G562JS	81349	1	460
EB10G1	01121	1	730	RCR07G681JS	81349	1	470
EB1521	01121	1	950	RCR07G682JS	81349	1	650
GB4711	01121	1	1030	RCR07G683JS	81349	1	660
GB8211	01121	1	970	RCR07G821JS	81349	1	810
GF123	79727	1	1260	RCR07G821JS	81349	1	1000
HB8211	01121	1	740	RCR07G822JS	81349	1	770
JAN2N2905A	81349	1	1370	RCR07G822JS	81349	1	1220
JM190-15PFIOPT	06560	1	140	RCR07G823JS	81349	1	1130
MDL5A	71400	1	350	RCR20G102JS	81349	1	490
MJE2520	04713	1	1270	RCR20G121JS	81349	1	610
MM2005-2	04713	1	1320	RCR20G182JS	81349	1	720
MPS3640	04713	1	1330	RCR20G222JS	81349	1	620
MPS3646	04713	1	1380	RCR20G272JS	81349	1	560
MPS6515	04713	1	1340	RCR20G391JS	81349	1	1150
MPS6518	04713	1	1280	RCR32G102JS	81349	1	520
MPS6566	04713	1	1310	RCR32G182JS	81349	1	450
MS14046-6	96906	1	320	RCR32G332JS	81349	1	400
MS18130-14	96906	1	340	RCR42G102JS	81349	1	420
MS18130-8	96906	1	330	RCR42G221JS	81349	1	1060
MZ2361	04713	1	1240	RLR07C1001FR	81349	1	570
RCR07G100JS	81349	1	360	RLR07C2001FR	81349	1	580
RCR07G101JS	81349	1	630	RLR07C2211FR	81349	1	590
RCR07G102JS	81349	1	410	TIS92	01295	1	1400
RCR07G103JS	81349	1	500	TIS97	01295	1	1290
RCR07G104JS	81349	1	370	WMF1D33	06887	1	210
RCR07G104JS	81349	1	980	WMF1P22	14655	1	80
RCR07G105JS	81349	1	640	WMF1S39	14655	1	90
RCR07G123JS	81349	1	900	0160-0127	28480	1	220
RCR07G124JS	81349	1	930	2N5087	80131	1	1390
RCR07G151JS	81349	1	1040	2N5189	80131	1	1350
RCR07G152JS	81349	1	430	2N5225	80131	1	1300
RCR07G153JS	81349	1	510	235-7188P6	49956	1	40
RCR07G154JS	81349	1	1160	247ASC1226-001	30003	1	1360
RCR07G162JS	81349	1	1090	30D107G003CB2	56289	1	170
RCR07G181JS	81349	1	800	30DI07G025DD4	56289	1	260
RCR07G182JS	81349	1	700	30D156G050CB2	56289	1	30
RCR07G182JS	81349	1	1080	30D205G015BA2	56289	1	230
RCR07G184JS	81349	1	1140	57-0181	78488	1	1250
RCR07G2R7JS	81349	1	850	8131M100651 224M	18796	1	50
RCR07G221JS	81349	1	480	8131M100651 474M	18796	1	10
RCR07G222JS	81349	1	890	9209-33910	88865	1	160
RCR07G224JS	81349	1	1210	9210-47910	88865	1	290
RCR07G226JS	81349	1	1180	9212-68910	06560	1	100
RCR07G270JS	81349	1	1190	9212-68910	06560	1	270
RCR07G272JS	81349	1	940	9213-12110	88865	1	310
RCR07G273JS	81349	1	550				

By Order of the Secretary of the Army:

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