

TECHNICAL MANUAL
ORGANIZATIONAL, DIRECTSUPPORT, AND
GENERAL SUPPORT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS)
FOR
POWER HEAD
MX - 10314 / USM (NSN 6625-01-100-3726)

HEADQUARTERS, DEPARTMENT OF THE ARMY

5 AUGUST 1983

TECHNICAL MANUAL }
No. 11-6625-3006-24P }

DEPARTMENT OF THE ARMY,
WASHINGTON, DC, 5 August 1983

HEADQUARTERS

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT

MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

(INCLUDING DEPOT MAINTENANCE REPAIR PARTS

AND SPECIAL TOOLS)

FOR

POWER HEAD

MX-10314/USM

(NSN 6625-01-100-3726)

Current as of 27 April 1983

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, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703.

In either case, a reply will be furnished direct to you.

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SECTION I

INTRODUCTION

1. Scope This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the MX-10314/USM. 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 is divided into the following sections:

a. 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.

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

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphabetic sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

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:

<i>Code</i>	<i>Definition</i>
PA--	Item procured and stocked for anticipated or known usage.
XB--	Item is not procured or stocked. If not available through salvage requisition.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 750-1.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

<i>Code</i>	<i>Application/Explanation</i>
H--	Support item is removed, replaced, used at the general support level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

<i>Code</i>	<i>Application/Explanation</i>
H--	The lowest maintenance level capable of complete repair of the support item is the general support level.
Z--	Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

<i>Recoverability Codes</i>	<i>Definition</i>
Z--	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
H--	Reparable item. When uneconomically repairable, condemn and dispose at the general support level.
A--	Item requires special handling or condemnation procedures because of specific reasons (i.e.,

Recoverability
codes

Definition

precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. *National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. *Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.

e. *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 repair part received may have a different part number than the part being replaced.

f. *Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

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.

4. Special Information

National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DR-SEL-MM, Fort Monmouth, NJ 07703 for the part required to support your equipment.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listing are divided into the same groups.

(2) *Second.* Find the illustrations covering the functional group to which the item belongs.

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

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

b. When National stock number or part number is known.

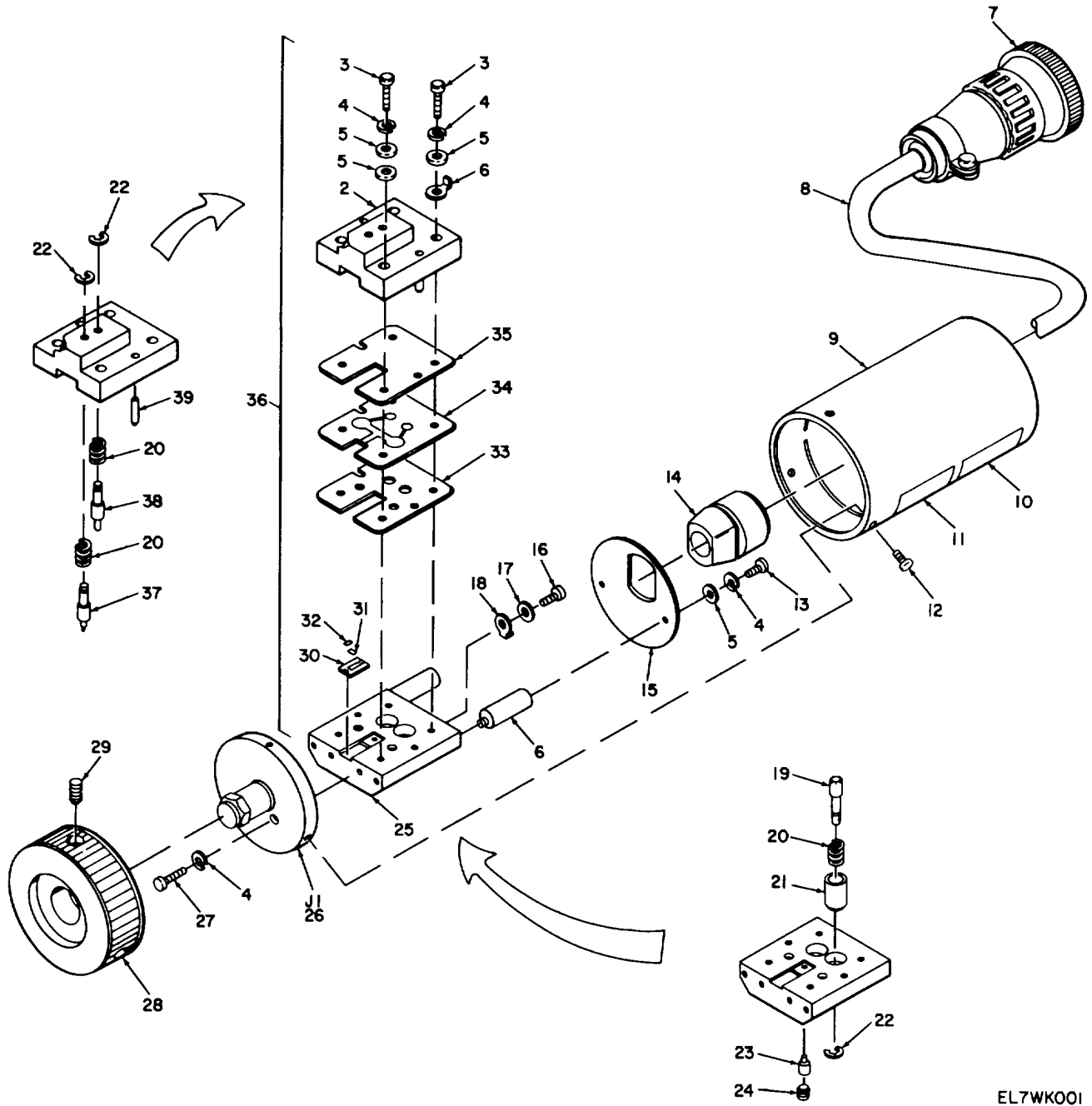
(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item.

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

6. Abbreviations

Not applicable.

(Next printed page is 4)



EL7WK001

Figure 1. Power Head MX-10314/USM.

SECTION II

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(1)(2) ILLUSTRATION		(3)	(4)	(5)	(6)	(7)	(8)	
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
						GROUP 00 POWER HEAD MX-10314/USM		
1	1	PAHHH	6625-01-126-4352	11332	8391 G1	POWER HEAD ASSEMBLY	EA	1
1	2	XDHZZ		11332	6434-3	HOUSING UPPER	EA	1
1	3	XDHZZ		11332	CS211-26	SCREW, PH	EA	4
1	4	XDHZZ		11332	NS35338-134	WASHER, LOCK	EA	6
1	5	XDHZZ		11332	CS260-1	FLATWASHER	EA	4
1	6	PAHZZ	5940-00-633-0762	79963	416-093	TERMINAL LUG	EA	3
1	7	PAHZZ	5935-01-053-4008	11332	8376 P1	CONNECTOR, PLUG, ELEC	EA	1
1	8	XDHZZ		11332	8397 P1	CABLE, SPECIAL PURPO	FT	1
1	9	XDHZZ		11332	8217 G2	HOUSING MOLDED	EA	1
1	10	XDHZZ		11332	8396 P6	CAL PLATE	EA	1
1	11	XDHZZ		11332	6845-7	NAMEPLATE	EA	1
1	12	XDHZZ		80205	NAS1635-02-P3	SCREW, PH	EA	3
1	13	XDHZZ		11332	CS211-212	SCREW, PH	EA	2
1	14	PAHZZ	5975-00-351-6114	28520	SR-5P-4	BUSHING, STRAIN RELI	EA	1
1	15	XDHZZ		11332	8403 P1	PLATE, STR RLF	EA	1
1	16	XDHZZ		95987	N-256-1/8	SCREW MACHINE	EA	2
1	17	XDHZZ		06540	252-N089	INSULATOR, WASHER	EA	2
1	18	XDHZZ		06540	9212N-091	SPACER	EA	2
1	19	XDHZZ		11332	6443-3	CONTACT, ELECTRICAL	EA	2
1	20	XDHZZ		84830	CI-008B-1SS	SPRING, CPRSN	EA	4
1	21	XDHZZ		11332	6444-3	INSULATOR, BUSHING	EA	2
1	22	XDHZZ		79136	X5133-6-MD	RING	EA	4
1	23	PAHZZ		11332	6447-3	ROD, HEAT SINK	EA	1
1	24	XDHZZ		96906	MS51045-18	SETSCREW	EA	1
1	25	XDHZZ		11332	6433-3	HOUSING LOWER	EA	1
1	26	PAHZZ		11332	6944-3	CONNECTOR PANEL, MAL	EA	1
1	27	XDHZZ		11332	CS211-28	SCREW PH	EA	2
1	28	XDHZZ		11332	6776-3	COUPLING NUT	EA	1
1	29	XDHZZ		11332	CS250-64	SETSCREW	EA	3
1	30	PAHZZ		11332	6448-3	STRIPLINE	EA	1
1	31	PAHZZ	5910-01-053-1430	11332	5878-17	CAPACITOR, FIXED, CER	EA	3
1	32	XDHZA		11332	6027-3	GOLD, REAGENT	EA	1
1	33	PAHZZ		11332	6420-3	TEST SET RF POWER S	EA	1
1	34	XDHZZ		11332	7022-G3	TFT ELEMENT	EA	1
1	35	XDHZZ		11332	6420-5	COVER SHEET	EA	1
1	36	XDHZZ		11332	6432-1	HOUSING ASSY	EA	1
1	37	PAHZZ		11332	6445-5	PLUNGER	EA	1
1	38	PAHZZ		11332	6445-3	PLUNGER	EA	1

SECTION II

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
1	39	XDHZZ		00141	D3-250	PIN, STRAIGHT, HEADLE	EA	1

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

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STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5975-00-351-6114	1	14	5935-01-053-4008	1	1
5940-00-633-0762	1	6	6625-01-126-4352	1	1
5910-01-053-1430	1	31			

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.	FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
84830	CI-008B-1SS	1	20	11332	6433-3	1	25
11332	CS211-212	1	13	11332	6434-3	1	2
11332	CS211-26	1	3	11332	6443-3	1	19
11332	CS211-28	1	27	11332	6444-3	1	21
11332	CS250-64	1	29	11332	6445-3	1	38
11332	CS260-1	1	5	11332	6445-5	1	37
00141	D3-250	1	39	11332	6447-3	1	23
11332	MS35338-134	1	4	11332	6448-3	1	30
96906	MS51045-18	1	24	11332	6776-3	1	28
95987	N-256-1/8	1	16	11332	6845-7	1	11
80205	NAS1635-02-P3	1	12	11332	6944-3	1	26
28520	SR-5P-4	1	14	11332	7022-G3	1	34
79136	X5133-6-MD	1	22	11332	8217 G2	1	9
06540	2252-N089	1	17	11332	8376 P1	1	7
79963	416-093	1	6	11332	8391 G	1	1
11332	5878-17	1	31	11332	8396 P6	1	10
11332	6027-3	1	32	11332	8397 P1	1	8
11332	6420-3	1	33	11332	8403 P1	1	15
11332	6420-5	1	35	06540	9212N-091	1	18
11332	6432-1	1	36				

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