DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT

MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

FOR

REEL UNITS RL-31, RL-31B, RL-31C, RL-31D, AND RL-31E

(NSN 3895-00-252-6896)

14 August 1978

Headquarters, Department of the Army, Washington, D.C.

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REPORTING OF ERRORS
   You can help improve this manual 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 and Blank Forms) should be mailed directly to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-MA-Q Fort Monmouth, New Jersey 07703. A reply will be furnished directly 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 and direct support maintenance of the RL-31, RL-31B, RL-31C, RL-31D, and RL-31E. 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 (NUN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric 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 apeparance.

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. S o u r c e, 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.

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 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*

O—Support item is removed, replaced, used at the organizational level.

F-Support. item is removed, replaced, used at the direct 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 the following maintenance code:

Code   *Application/Ezplanation*

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:

Recoverability
codes   *Definition*

Z-Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

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

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the ltem by means of its engineering drawings, specifications,

standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock-numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in 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.

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

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	*used* on
5C3	RL31
5C4	RL-31B
5 C 5	RL-31C
4 P P	RL-31D
4 T 5	RL-31E

b. The following publication pertains to the RL-31, RL-31B, RL-31C, RL-31D, and RL-31E and its components:

TM 11-362, Reel Units RL-31, RL-31B, RL-31C, RL-31D, and RL-31E

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 listings are divided into the same groups.

(2) *Second.* Find the illustration 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 number.

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

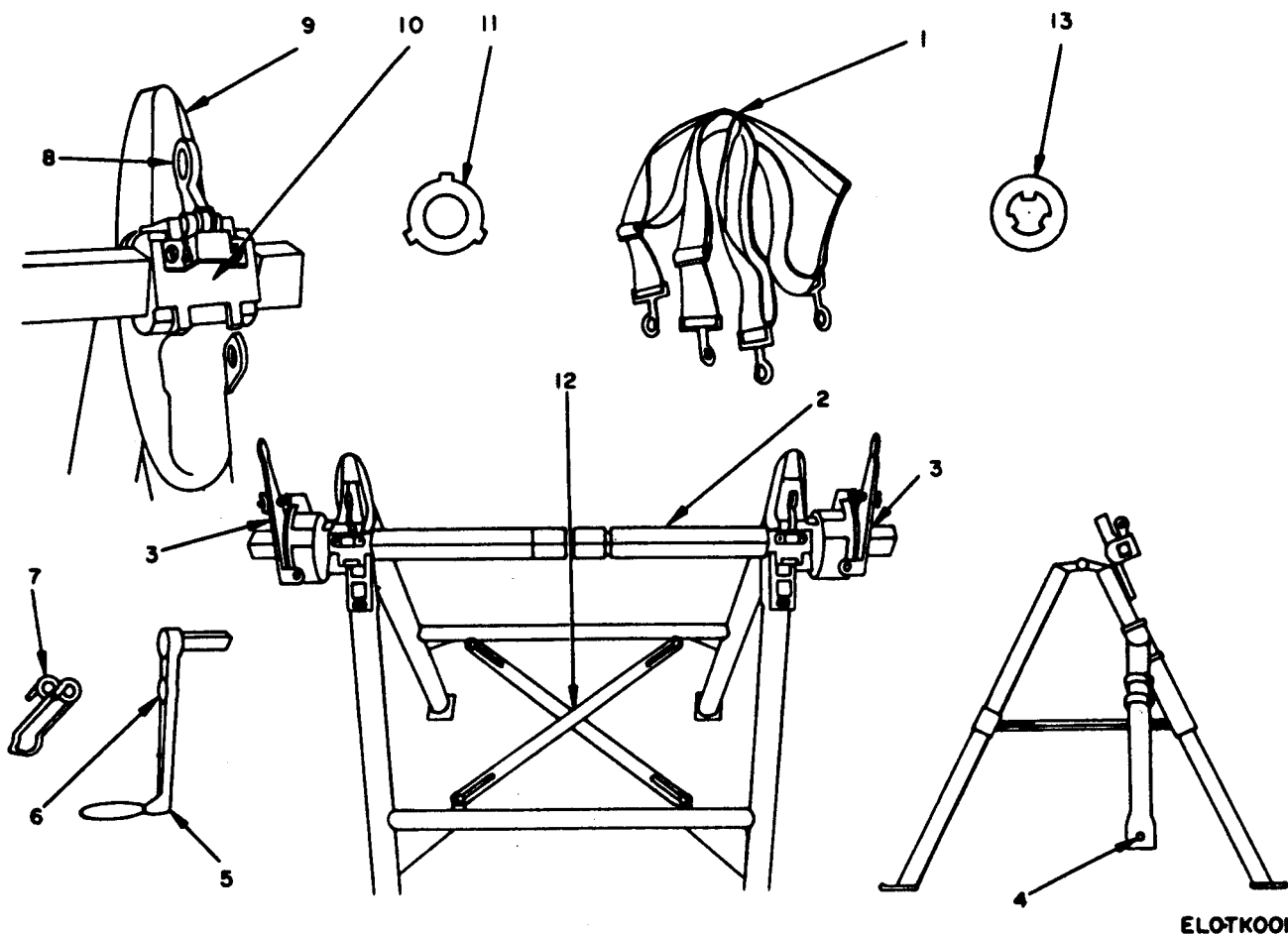### 6. Abbreviations

Not applicable.

(Next printed page is 4)

Figure 1. Reel Units M-31, RL-31B, RL-31C, RL-31D, and RL-31E.

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SECTION II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) SCM	(6) DESCRIPTION	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.					USABLE ON CODE		
						GROUP 00 REEL UNITS RL-31, RL-31B, RL-31C, RL-31D, AND RL-31E		
1	1	AOZZ	5165-00-498-1713	T19A,AW	0063	TRAP	EA	2
1	2	AOZZ	3395-00-301-5885	CD11418	0063	XLE	EA	1
1	3	AOZZ	3395-00-629-9487	C10A	0058	RAKE UNIT	EA	2
1	4	AFZZ	3395-00-127-1037	CD1831	0063	RACE, LEG 4PP, 5C3, 5C4, 5C5	EA	2
1	5	AOZZ	3395-00-127-0969	C4A	0058	RANK	EA	2
1	6	AFZZ	3395-00-127-0976	CD1379	0063	LUNGER	EA	4
1	7	AFZZ	3360-00-233-3780	CD11576DITEM6	0063	PRING	EA	2
1	8	AFZZ	3395-00-633-5799	CD11576-3	0063	ASTENER, LATCH	EA	2
1	9	AFZZ	3130-00-245-2241	LSMB599220	0063	LOCK, BEARING	EA	2
1	10	AFZZ	3395-00-588-4796	CD11576ITEM2	0063	AP, BEARING	EA	2
1	11	AFZZ	3395-00-351-8212	CD11579ITEM11	0063	ISK, BRAKE	EA	8
1	12	AFZZ	3950-00-127-1051	CD11575	0063	RACE ASSEMBLY 4T5	EA	2
1	13	AFZZ	3395-00-351-8213	CD11579ITEM10	0063	ISK, BRAKE	EA	10

SECTION IV.   NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
3895-00-127-0969	1	5	3895-00-351-8212	1	11
3895-00-127-0976	1	6	3895-00-351-8213	1	13
3895-00-127-1037	1	4	8465-00-498-1713	1	1
3950-00-127-1051	1	12	3895-00-588-4796	1	10
5360-00-233-3780	1	7	3895-00-629-9487	1	3
8130-00-245-2241	1	9	3895-00-633-5799	1	8
3895-00-301-5885	1	2			

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
DLSMB599220	80063	1	9	SCD11576ITEM2	80063	1	10
GC10A	80058	1	3	SCD11579ITEM10	80063	1	13
GC4A	80058	1	5	SCD11579ITEM11	80063	1	11
SCD11418	80063	1	2	SCD1379	80063	1	6
SCD11575	80063	1	12	SCD1831	80063	1	4
SCD11576-3	80063	1	8	ST19A,AW	80063	1	1
SCD11576DITEM6	80063	1	7				

By Order of the Secretary of the Army:

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Chief of Staff

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Brigadier General, United States Army
The Adjutant General