TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TO

FOR

RADIO SETS

AN/ARC-51X (NSN 5821-00-0B2-3698)

AND

AN/ARC-51BX (NSN 5821-00-082-3926)

HEADQUARTERS, DEPARTMENT OF THE ARMY
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Current as of 26 February 1981

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 back of this manual direct tc Commander, US Army communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703

In either case reply will be furished 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 direct support and general support maintenance of the AN/ARC-SIX and AN/ARC-51BX. 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 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 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.
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 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
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:

code	*Application/Explantion*
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.
Z–	Nonreparable. No repair is authorized.

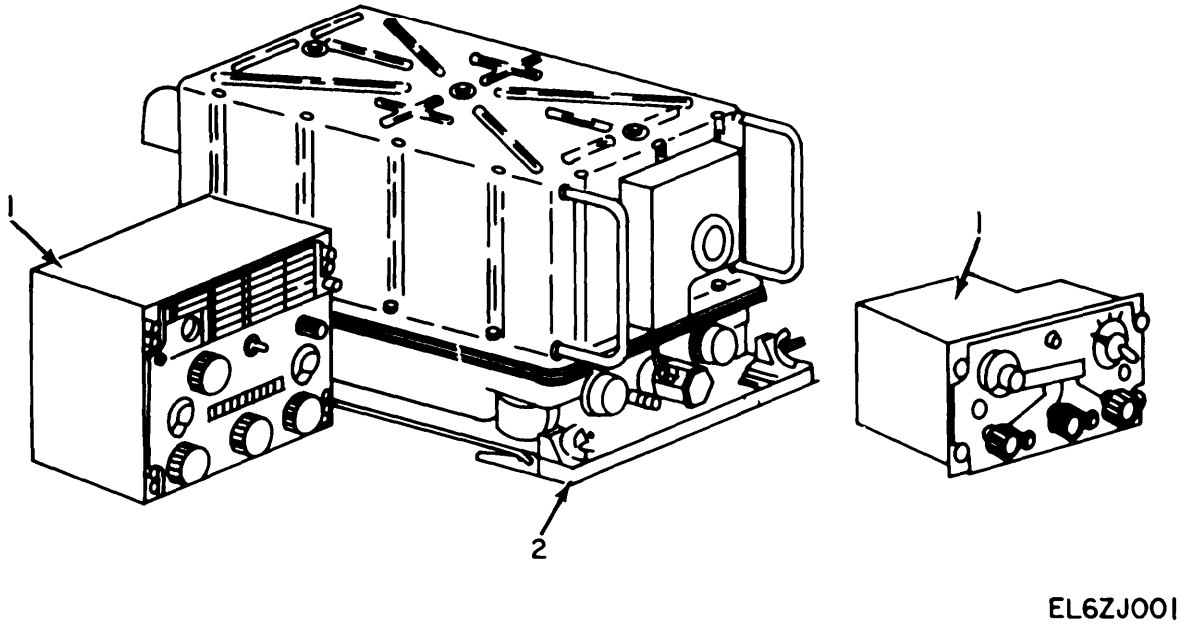

Figure 1. Radio Sets AN/ARC-51X and AN/ARC-51BX.

(1) ILLUSTRATION (a) FIG NO	(b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 00 RADIO SETS AN/ARC-51X AND AN/ARC-51BX		
1	1	PAOFF	5821-00-082-3928	80058	C-6287/ARC-51BX	CONTROL,RADIO SET DCO	EA	1
1	1	PAOFF	5821-00-082-3700	80058	C-4677/ARC-51X	CONTROL,RADIO SET 4AB	EA	1
1	2	PAOFF	5821-00-980-5789	80058	MT2653ARC	MOUNTIN 4AB,DCO,CRM	EA	1

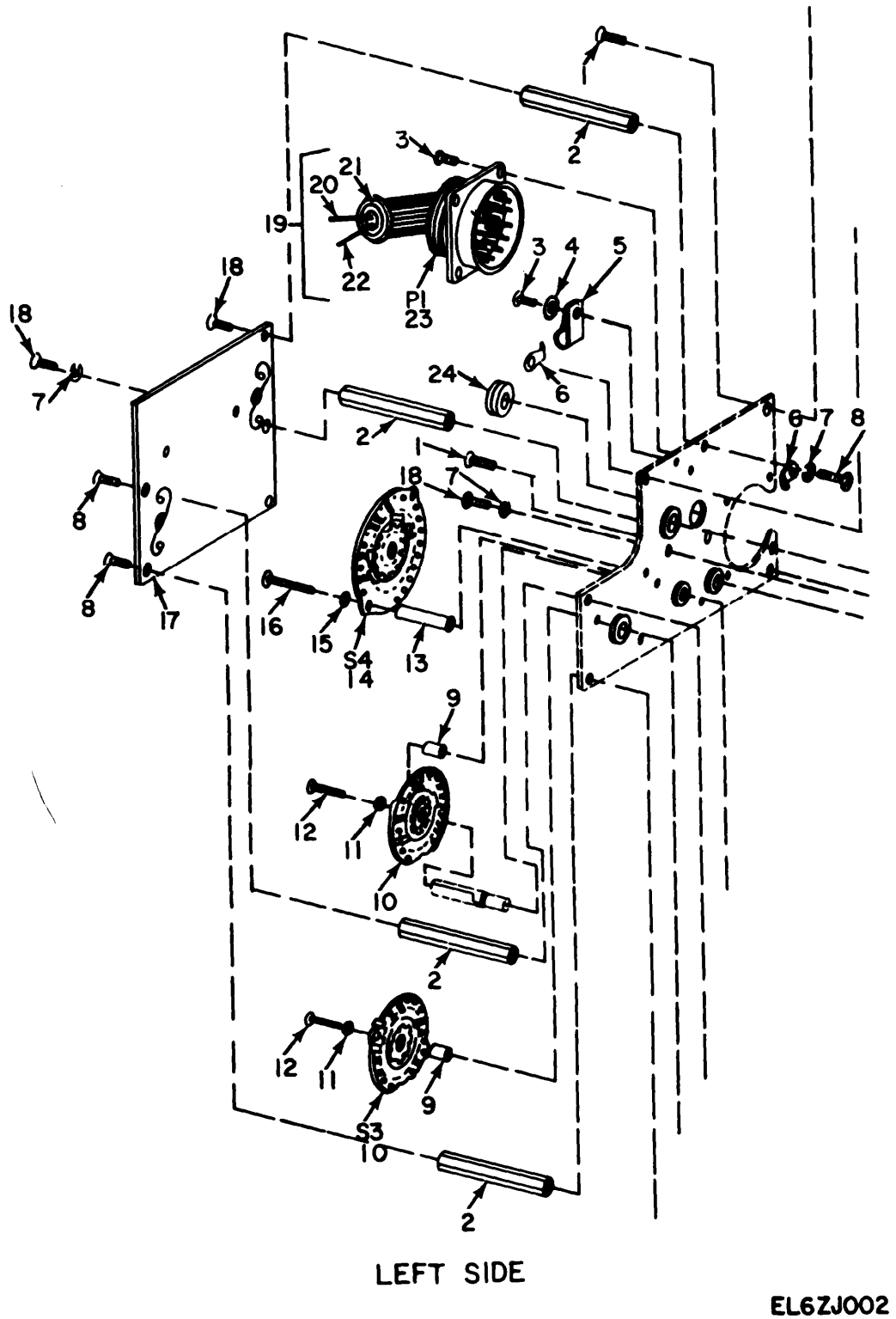

Figure 2. Control, Radio Set C-4677/ARC-51X (Sheet 1 of 4).

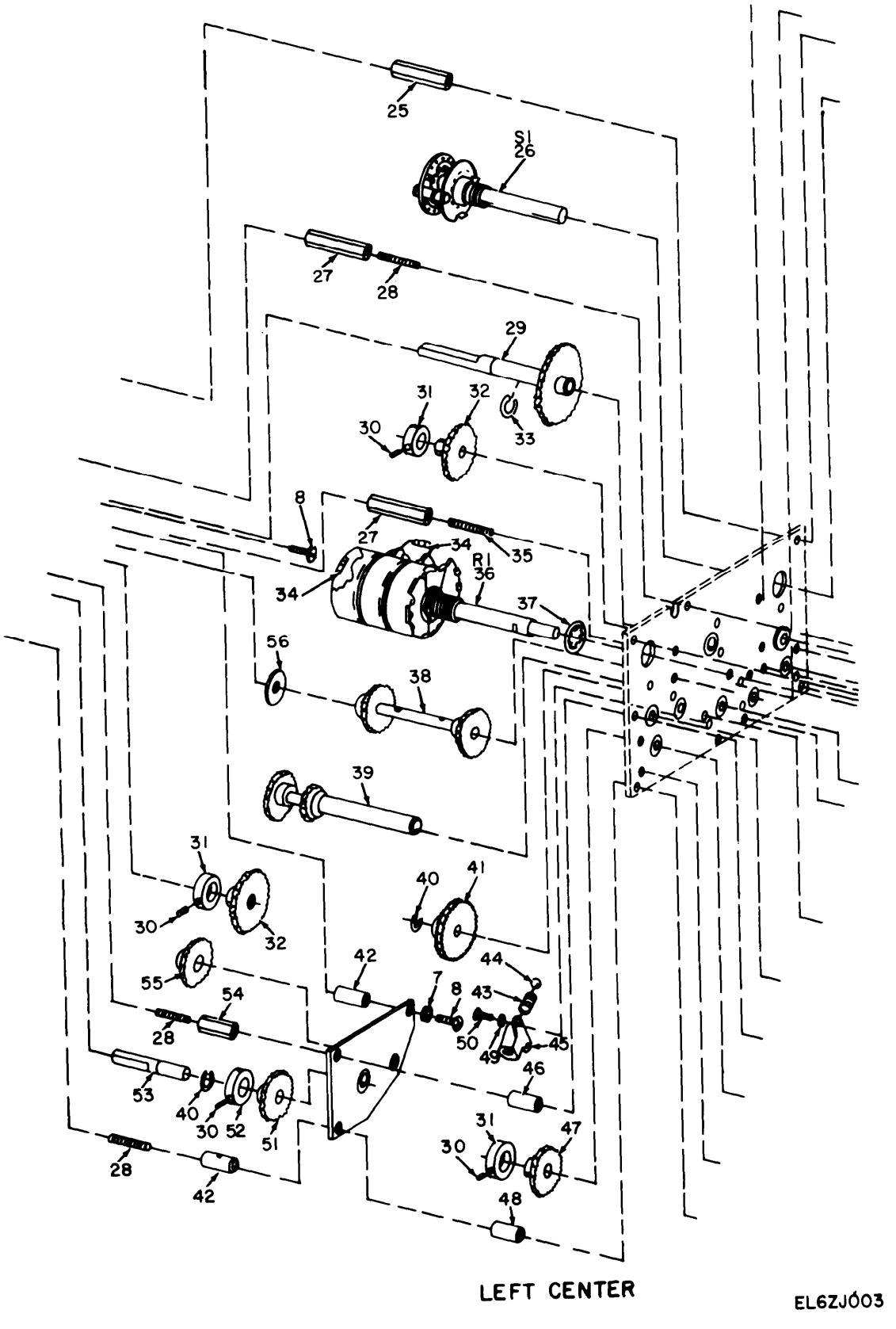

Figure 2. Control, Radio Set C-4677/ARC-51X (Sheet 2 of 4).