
TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR
SPECTRUM ANALYZER 8558B (HP)

HEADQUARTERS, DEPARTMENT OF THE ARMY

9 OCTOBER 1984

**ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT
 MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
 (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
 FOR
 SPECTRUM ANALYZER 8558B (HP)
 Current as of 29 June 1984**

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) DA Form 202&2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEIME-MP, Fort Monmouth, NJ 07703-5007. In either case, a reply will be furnished direct to you.

TABLE OF CONTENTS

| | | Page | Ilus Figure |
|---------|---|------|----------------|
| Section | I. Introduction | 1 | |
| | II. Repair Parts List..... | 5 | , |
| Group | 00 Spectrum Analyzer 8558B (HP) | 5 | 1 |
| | 01 Front Switch Assy 08558-60100 A2..... | 7 | 2 |
| | 02 First Converter Assy 08558-60004 | 9 | 3 |
| | 03 Second Converter Assy 08558-60097 A5..... | 1 | 4 |
| | 04 Step Gain Assy 08558-60012 A12..... | 13 | 5 |
| Section | III. Special Tools List (Not applicable) | | |
| | IV. National Stock Number and Part Number Index | 14 | |

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 8558B (HP). 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. |
|----|---|

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:

| Code | Application/Explanation |
|------|-------------------------|
|------|-------------------------|

| | |
|---|---|
| H | Support item is removed, replaced, used at the general support level. |
|---|---|

| | |
|---|--|
| D | Support items that are removed, replaced, used at depot, mobile depot, 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 |
|------|-------------------------|
|------|-------------------------|

| | |
|---|--|
| D | The lowest maintenance level capable of complete repair of the support is the depot level. |
|---|--|

| | |
|---|--|
| Z | Nonreparable. No repair is authorized. |
|---|--|

(3) Recoverability code. Recoverability codes are assigned to support items to indicate the disposition action on serviceable 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. |
|---|--|

| | |
|---|---|
| D | Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot 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. 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