

TECHNICAL MANUAL

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

**FOR
TEST SET, GUIDED MISSILE SYSTEM
AN/TSM-128 (XO-1) 4935-00-595-5239
AND
TEST KIT SUPPLEMENTAL, GUIDED MISSILE
SHOP EQUIPMENT MK-1633 (XO-1)/TSM
4935-01-097-4100
AND
ADAPTOR GROUP TEST OF-77/TSM
4935-01-100-1896**

DRAGON MEDIUM ANTITANK/ASSAULT WEAPON SYSTEM

DEPARTMENT OF THE ARMY

21 SEPTEMBER 1982

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TECHNICAL MANUAL

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Direct Support and General Support Maintenance
Repair Parts and Special Tools List
(Including Depot Maintenance Repair Parts and Special Tools)
FOR
TEST SET, GUIDED MISSILE SYSTEM AN/TSM-128 (XO-1)
4935-00-595-5239
AND
TEST KIT SUPPLEMENTAL, GUIDED MISSILE SHOP EQUIPMENT MK-1633 (XO-1)/TSM
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(DRAGON MEDIUM ANTITANK/ASSAULT WEAPON SYSTII)

Current as of 1 June 1982

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, U. S. Army Missile Command, ATTN: DRSMI-SNPS, Redstone Arsenal, AL 35898. A reply will be furnished to you.

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SECTION I. INTRODUCTION

1. Scope.

This manual lists and authorizes 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 Test Sets DMS-D, G & S System. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the Source, Maintenance and Recoverability (SMR) 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 by this RPSTL 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 ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in NSN 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 alphanumeric 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 (Column (1)). This column is divided as follows:

(1) ((a) FIG NO.) Figure Number. Indicates the figure number illustrating an exploded view of a functional group.

(2) ((b) ITEM NO.) Item Number. Indicates the number used to identify items called out in the illustration.

b. **SMR CODE (Column (2)).** The Source, Maintenance, and Recoverability (SMR) Code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout: Source Maintenance Recoverability

Source Code	Maintenance Code	Recoverability Code
<u>XX</u> 1st two positions	 <u>XX</u>	<u>X</u>
How you get an item	3rd position	4th position
	Who can install, replace, or use the item	Who can do complete repair* on the item
		Who determines disposition action on an unserviceable item

*Complete Repair: Maintenance capacity, capability, and authority to perform all the corrective maintenance tasks of the Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) **Source Code.** The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Source codes are always the first two positions of the SMR Code. Explanations of source codes follow:

Code

Explanation

PA PB PC PD PE PF PG	Stocked items: use applicable NSN to request and/or requisition items with these source codes. They are authorized to the category indication by the code entered in the third position of the SMR code -----
KD KF KB	Items with these codes are not to be requested and/or requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.
MO - Made at Org/AVUM category MF - Made at DS/AVIM category MH - Made at GS category ML - Made at Specialized Repair Activity (SRA) MD - Made at Depot	Items with these codes are not to be requested and/or requisitioned individually. They must be made from bulk material which is identified by the part number in the description and usable on code (UOC) column and listed in the Bulk Material group of the repair parts list. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher category, order the item from the higher category of maintenance.

CodeExplanation

AO - Assembled by Org/AVUM category AF - Assembled by DS/AVIM category AH - Assembled by GS category AL - Assembled by SRA AD - Assembled by Depot
--

Items with these codes are not to be requested and/or requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the category of maintenance indicated by the source code. If the third position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher category, order the item from the higher category of maintenance.

- XA - Do not requisition an "XA"-coded item. Order its next higher assembly. (Also, refer to the NOTE below.)
- XB - If an "XB" item is not available from salvage, order it using the FSCM and part number given.
- XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
- XD - Item is not stocked. Order an "XD"-coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

NOTE: Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 700-42.

(2) Maintenance Code. Maintenance codes tell you the category(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR Code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following categories of maintenance.

CodeApplication/Explanation

- C - Crew or operator maintenance done within organizational or aviation unit maintenance.
- O - Organizational or aviation unit category can remove, replace and use the item.
- F - Direct support or aviation intermediate category can remove, replace, and use the item.
- H - General support category can remove, replace, and use the item.
- L - Specialized repair activity can remove, replace, and use the item.
- D - Depot category can remove, replace, and use the item.