
TECHNICAL MANUAL

UNIT AND DIRECT SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

REFRIGERATOR, PANEL TYPE
PREFABRICATED ASSEMBLIES

600 CU. FT.	MODEL MDS1600N	NSN 4110-01-361-3891
600 CU. FT.	MODEL TKR-600C	NSN 4110-01-264-2101
600 CU. FT.	MODEL AA600PF	NSN 4110-01-166-3579
1200 CU. FT.	MODEL AA1200PFA	NSN 4110-01-167-5320
4000 CU. FT.	MODEL AA4000PF	NSN 4110-01-166-3580
4000 CU. FT.	MODEL TKR-4000C	NSN 4110-01-315-9329

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

* This manual supersedes TM 9-4110-241-23P, dated 29 November 1990

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Current as of 15 March 1995

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 directly to Commander, US Army Aviation and Troop Command, ATTN AMSAT-I-MP, 4300 Goodfellow Blvd, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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TABLE OF CONTENTS

	PAGE	ILLUS/ FIGURE
Section I. Introduction.....	1	
Section II. Repair Parts List	1-1	
Group 01 Refrigerator		
Panels.....	1-1	1
Panel Components and Clamp Assembly.....	2-1	2
Refrigerator Door Assembly	3-1	3
Group 02 Electrical Wlnng, Switch, and Light Assembly		
Electrical Components, Panel C	4-1	4
Group 03 Interior Components		
Thermometer and Floor Racks.....	5-1	5
Drains	6-1	6

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		PAGE	ILLUS/ FIGURE
Group 04	Bulk Materials Listing	BULK-1	BULK
Section III.	Special Tools List (Not Applicable)		
Section IV.	Cross Reference Indexes		
	National Stock Number Index.....	I-1	
	Part Number Index.....	I-2	
	Figure and Item Number Index.....	I-6	

UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

1. SCOPE. This RPSTL 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 unit and direct support maintenance of the Refrigerator, Panel Type Prefabricated Assemblies. 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. In addition to this section introduction, 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. This 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 item name sequence items are shown in the associated illustration(s)/figure(s).

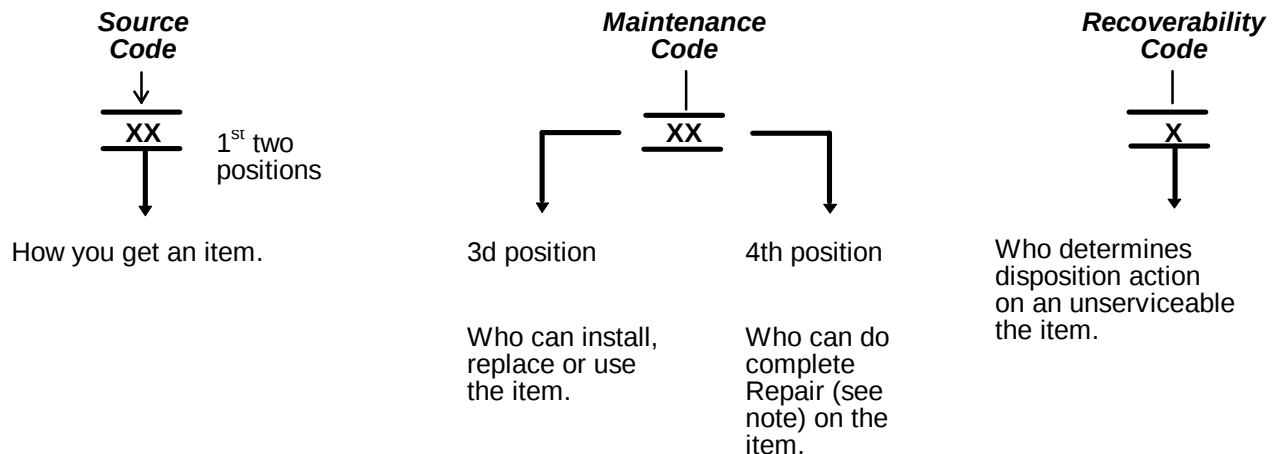
b. Section III Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV Cross Reference Index. A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing 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. The figure and item number index lists figure and item numbers in alphanumeric sequence and cross references NSN, CAGEC and part number.

3. EXPLANATION OF COLUMNS (SECTIONS II AND III).

a. ITEM NO (Column (1)). 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:



*Complete Repair Maintenance capacity, capability, and authority to perform all 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 to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Source Code	Explanation
PA PB PC** PD PE PF PG	Stocked items use the applicable NSN to request, requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3rd position of the SMR code. **NOTE: Items coded PC are subject to deterioration.
KD KF K	
MO-(Made at Unit/AVUM Level) MF-(Made at DS/AVUM Level) MH-(Made at GS Level) ML-(Made at Specialized Repair Activity (SRA)) MD-(Made at Depot)	Items with these codes are not to be requested 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 in this RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at a higher level order the item from the higher level of maintenance.
AO-(Assembled by Unit/AVUM Level) AF-(Assembled by DS/AVUM Level) AH-(Assembled by GS Category) AL-(Assembled by SRA) AD-(Assembled by Depot)	Items with these codes are not to be requested requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position code of the SMR code authorizes you to replace the item, but the source code indicates the items are assembled at a higher level, order the item from the higher level of maintenance.
XA - Do not requisition XA-code item. Order its next higher assembly (Refer to the following NOTE). XB - If an "XB" item is not available from salvage, order it using the CAGEC and part number given. XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified manufacturer's part number. XD - Item is not stocked Order an "XD"-coded item through normal supply channels using the CAGEC 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 750-1.

(2) Maintenance Code. Maintenance codes tell you the level(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 level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following levels of maintenance.

Maintenance

Code	Application/Explanation
C-	Crew or operator maintenance done within unit/AVUM maintenance.
O-	Unit level/AVUM maintenance can remove, replace, and use the item.
F-	Direct support/AVIM maintenance can remove, replace, and use the item.
H-	General support maintenance can remove, replace, and use the item.
L-	Specialized repair activity can remove, replace, and use the item.
D-	Depot can remove, replace, and use the Item.

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i e, perform all authorized repair functions).

NOTE

Some limited repair may be done on an item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart and SMR codes.

Maintenance

Code	Application/Explanation
O-	Unit/AVUM is the lowest level that can do complete repair of the item.
F-	Direct support/AVIM is the lowest level that can do complete repair of the item.
H-	General Support is the lowest level that can do complete repair of the item.
L-	Specialized repair activity is the lowest level that can do complete repair of the item.
D-	Depot is the lowest level that can do complete repair of the item.
Z-	Nonreparable. No repair is authorized.
B-	No repair is authorized. No parts or special tools are authorized for the maintenance of a "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

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