

**TECHNICAL MANUAL**

**UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST**

**PUMPING ASSEMBLY, FLAMMABLE  
LIQUID, BULK TRANSFER,  
50 GPM, DIESEL-ENGINE DRIVEN  
MODEL M2D88**

**NSN 4320-01-286-5181**

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Maintenance Repair Parts and Special Tools List  
PUMP ASSEMBLY, FLAMMABLE LIQUID,  
BULK TRANSFER, 50 GPM,  
DIESEL ENGINE DRIVEN  
MODEL M2D88  
NSN 4320-01-286-5181  
**Current as of 15 December 1993**

**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/<br>FIGURE |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|
| Section I Introduction .....                                                                                                                                                                              | 1    |                  |
| Section II. Repair Parts .....                                                                                                                                                                            | 1-1  |                  |
| Group 00 Diesel-Engine Driven 50 GPM Bulk Transfer Flammable Liquid<br>Pumping Assembly, Model M2D88<br>Diesel-Engine Driven 50 GPM Bulk Transfer Flammable Liquid<br>Pumping Assembly, Model M2D88 ..... | 1-1  | 1                |
| Group 01 Nozzle Assemblies<br>Nozzle Assemblies .....                                                                                                                                                     | 2-1  | 2                |
| Group 02 Suction Hose Assembly<br>Suction Hose Assembly .....                                                                                                                                             | 3-1  | 3                |
| Group 03 Discharge Hose Assembly<br>Discharge Hose Assembly .....                                                                                                                                         | 4-1  | 4                |
| Group 04 Y-Connectors (Male and Female) and Couplings<br>Y-Connectors (Male and Female) and Couplings .....                                                                                               | 5-1  | 5                |
| Group 05 Drum Suction Stub Unloader Assembly<br>Drum Suction Stub Unloader Assembly .....                                                                                                                 | 6-1  | 6                |
| Group 06 Ground Rod and Attaching Hardware<br>Ground Rod and Attaching Hardware .....                                                                                                                     | 7-1  | 7                |
| Group 07 Storage Chests and Information and Identification Plates<br>Storage Chests and Information and Identification Plates .....                                                                       | 8-1  | 8                |
| Group 08 Centrifugal Pump Unit, DED Model M2D88<br>Centrifugal Pump Unit, DED Model M2D88 .....                                                                                                           | 9-1  | 9                |

|                                                           | PAGE   | ILLUS/<br>FIGURE |
|-----------------------------------------------------------|--------|------------------|
| Sound Enclosure Cover .....                               | 10-1   | 10               |
| Electrical Intervehicle Connector Related Components..... | 11-1   | 11               |
| Sound Enclosure Rear Panel Assembly .....                 | 12-1   | 12               |
| Electrical Controls and Indicators.....                   | 13-1   | 13               |
| Sound Enclosure Front Panel Assembly .....                | 14-1   | 14               |
| Air Intake and Oil Immersion Heaters .....                | 15-1   | 15               |
| Engine Pump.....                                          | 16-1   | 16               |
| Centrifugal Pump Assembly.....                            | 17-1   | 17               |
| Fuel Tank .....                                           | 18-1   | 18               |
| Fuel Injection Pipe .....                                 | 19-1   | 19               |
| Intake Baffle Injection Nozzle .....                      | 20-1   | 20               |
| Injection Pump.....                                       | 21-1   | 21               |
| Exhaust Silencer.....                                     | 22-1   | 22               |
| Air Cleaner and Intake Bend.....                          | 23-1   | 23               |
| Recoil Starter.....                                       | 24-1   | 24               |
| Flywheel Cover.....                                       | 25-1   | 25               |
| Cylinder Head and Valve Assembly .....                    | 26-1   | 26               |
| Rocker Arm Assembly .....                                 | 27-1   | 27               |
| Crankcase Cover .....                                     | 28-1   | 28               |
| Oil Strainer .....                                        | 29-1   | 29               |
| Lube Oil Pump.....                                        | 30-1   | 30               |
| Crankcase .....                                           | 31-1   | 31               |
| Camshaft.....                                             | 32-1   | 32               |
| Balancer Shaft.....                                       | 33-1   | 33               |
| Governor and Speed Control Device .....                   | 34-1   | 34               |
| Regulator Assembly.....                                   | 35-1   | 35               |
| Connecting Rod Assembly.....                              | 36-1   | 36               |
| Piston Assembly .....                                     | 37-1   | 37               |
| Flywheel .....                                            | 38-1   | 38               |
| Crankcase Cylinder Block.....                             | 39-1   | 39               |
| Frame and Handles, Base and Shock Mounts.....             | 40-1   | 40               |
| Group 09 Bulk .....                                       | Bulk-1 |                  |
| Section III Special Tools List .....                      | 41-1   |                  |
| Section IV Cross Reference Index                          |        |                  |
| National Stock Number Index .....                         | I-1    |                  |
| Part Number Index .....                                   | I-3    |                  |
| Figure and Item Number Index .....                        | I-12   |                  |

## UNIT, DIRECT SUPPORT AND GENERAL 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, direct support and general support maintenance of the Pumping Assembly, Flammable Liquid, Bulk Transfer, 50 GPM, Diesel-Engine Driven, Model M2D88 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).

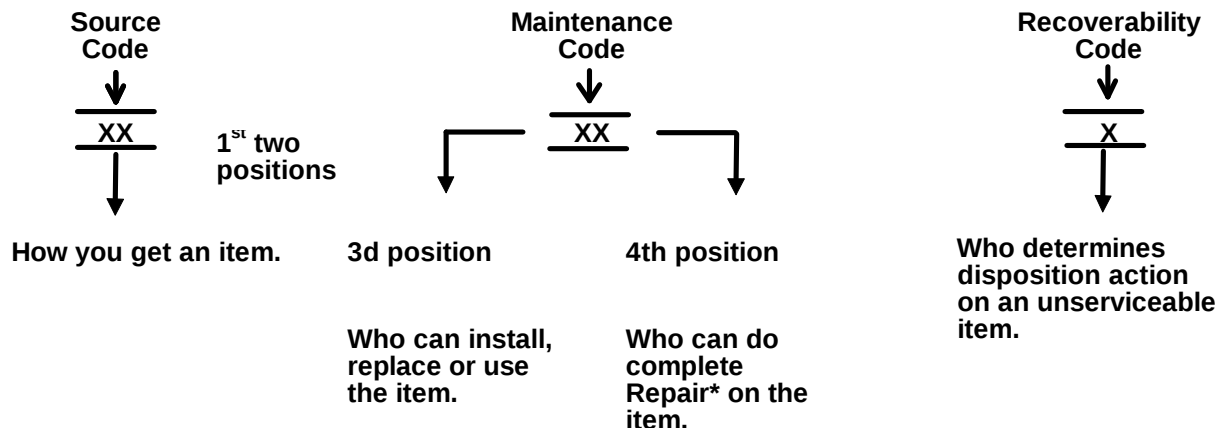
b. **Section III Special Tools List** A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

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                                               | } | 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.                                                                                                                                                                                                                                                                                  |
| PB                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PC**                                             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PD                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PE                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PF                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PG                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                  |   | **NOTE Items coded PC are subject to deterioration.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| KD                                               | } | Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.                                                                                                                                                                                                                                |
| KF                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| KB                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MO - (Made at Unit/AVUM Level)                   | } | 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. |
| MF - (Made at DS/AVUM Level)                     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MH - (Made at GS Level)                          |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ML - (Made at Specialized Repair Activity (SRA)) |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MD - (Made at Depot)                             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| AO - (Assembled by Unit/AVUM Level)              | } | 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.                                         |
| AF - (Assembled by DS/AVIM Level)                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| AH - (Assembled by GS Category)                  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| AL - (Assembled by SRA)                          |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| AD - (Assembled by Depot)                        |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| XA -                                             |   | Do not requisition "XA"-coded item. Order its next higher assembly (Refer to the NOTE below).                                                                                                                                                                                                                                                                                                                                                                                       |
| 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.                                                                                                                                                                                                                                                                                                                                         |