

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

**WATER PURIFICATION UNIT  
REVERSE OSMOSIS  
150,000 GPD  
SKID MOUNTED  
MODEL PD 81146  
NSN 4610-01-121-0161**

**Approved for public release; Distribution is unlimited.  
\* This manual supersedes TM 5-4610-229-24P, 2 February 1990.**

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**H E A D Q U A R T E R S , D E P A R T M E N T O F T H E A R M Y  
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TECHNICAL MANUAL

NO. 10-4610-229-24P

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D. C., 6 MARCH 1991

UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
FOR  
WATER PURIFICATION UNIT, REVERSE OSMOSIS,  
150,000 GPD, SKID-MOUNTED,  
MODEL PD 81146  
NSN 4610-01-121-0161

**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: US Army Troop Support Command, ATTN: AMSTR-MMTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished to you.

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# 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 Unit, Direct Support and General Support Maintenance of the Water Purification Unit, Reverse Osmosis, 150, 000 GPD, Skid Mounted. 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. 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 item name sequence. Repair parts kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in this section. Items listed are shown on 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-references Indexes.** 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 number 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:

