

TECHNICAL MANUAL

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

**PUMP UNIT, CENTRIFUGAL,
DIESEL ENGINE DRIVEN
SELF-PRIMING, 65 GPM WATER
MODEL 4M SDQ 2000**

NSN 4320-01-338-8010

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

**HEADQUARTERS, DEPARTMENT OF THE ARMY
4 APRIL 1994**

UNIT, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
PUMP UNIT, CENTRIFUGAL,
DIESEL ENGINE DRIVEN
SELF-PRIMING, 65 GPM WATER
NSN 4320-01-338-8010

Current As Of 10 January 1994

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us now. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located on back of this manual direct to: U.S. Army Aviation and Troop Command, AITN: AMSAT-I-MTS, 4300 Goodfellow Blvd., St. Louis, MO 63129-1798. A reply will be furnished to you.

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

TABLE OF CONTENTS

	Page	Illus/ Figure
Section I.	INTRODUCTION	1
Section II.	REPAIR PARTS LIST	1-1
Group 01	Enclosure Assembly	1-1
	Enclosure Assembly, Inlet Side	2-1
	Enclosure Assembly, Outlet Side	3-1
	Pump Inlet/Outlet Piping	4-1
	Mounting Plate and Bottom Pan Frame.....	5-1
	Pump and Engine Assembly	6-1
Group 02	Pump, Centrifugal	7-1
Group 03	Diesel Engine	
	Fuel Tank Assembly	8-1
	Fuel Lines	9-1
	Air Cleaner Assembly	10-1
	Exhaust Silencer	11-1

TABLE OF CONTENTS - Continued

	Page	Illus/ Figure
Recoil Starter	12-1	12
Cooling Fan Case	13-1	13
Fuel Injector Valve Assembly	14-1	14
Fuel Injector Pump	15-1	15
Lube Oil Strainer	16-1	16
Oil Cap/Gauge	17-1	17
Regulator Bracket Assembly	18-1	18
Cylinder Head Cover	19-1	19
Cylinder Head Components	20-1	20
Flywheel	21-1	21
Crankcase Assembly	22-1	22
Piston and Connecting Rod Assembly	23-1	23
Governor Assembly and Lube Oil Pump.....	24-1	24
Balancer Shaft Assembly, Camshaft Assembly, and Crankshaft Assembly	25-1	25
Cylinder Block	26-1	26
Group 99 Bulk Materials List	Bulk-1	Bulk
Section III. SPECIAL TOOL LIST		
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-9	

**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 pump assembly. 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 Section I, 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) or 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 numbers.