

TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE

REPAIR PARTS AND SPECIAL TOOL LISTS

PUMPING ASSEMBLY FLAMMABLE LIQUID,

BULK TRANSFER, CENTRIFUGAL,

GASOLINE-ENGINE-DRIVEN

100 GPM

(BARNES MODEL US6ACG)

FSN 4320-150-6116

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*Current as of 30 December 1971*

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## Section I. INTRODUCTION

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### 1. Scope

This manual lists repair parts required for the performance of organizational maintenance of the pumping assembly.

### 2. General

This Repair Parts and Special Tools List is divided into the following sections:

*a. Prescribed Load Allowance (PLA)-Section II.* A composite listing of the repair parts having quantitative allowances for initial stockage at the organizational level.

*b. Repair Parts-Section III.* A list, in figure and item number sequence, of repair parts authorized for the performance of maintenance at the organizational level, including those items which must be removed for replacement of the authorized item. Items, except kits and sets, are listed by assembly groups in top down breakdown sequence. Repair parts kits and sets are listed separately as Group 15 at the end of the Repair Parts List without regard to the assembly group to which they belong. Components of the kits and sets are listed in their proper sequence in the assembly group to which they belong and are referenced to the FSN of the kit or set.

*c. Special Tools, Test and Support Equipment-Section IV.* Not Applicable.

*d. Federal Stock Number and Reference Number Index - Section V.* A list of Federal stock numbers in ascending numerical sequence followed by a list of reference numbers in ascending alphanumeric sequence, cross-referenced to the illustration figure number and item number.

### 3. Explanation of Columns

The following provides an explanation of columns in the tabular lists in sections II, III, and IV:

*a. Source, Maintenance, and Recoverability Codes (SMR), Column (1) of Section III:*

(1) Source code, indicates the selection status and source for the listed item. Source codes are:

<i>Code</i>	<i>Explanation</i>
P	Repair parts, Special Tools and Test Equipment supplied from the GSA/DSA, or Army supply system and authorized for use at indicated maintenance categories.
P2	Repair parts. Special Tools and Test Equipment which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system.

<i>Code</i>	<i>Explanation</i>
M	Repair parts, Special Tools and Test Equipment which are not procured or stocked, as such, in the supply system but are to be manufactured at indicated maintenance levels.
A	Assemblies which are not procured or stocked as such, but are made up of two or more units. Such component units carry individual stock numbers and descriptions, are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance categories.
x	Parts and assemblies that are not procured or stocked because the failure rate is normally below that of the applicable end item or component. The failure of such part or assembly should result in retirement of the end item from the supply system.
X1	Repair parts which are not procured or stocked. The requirement for such items will be filled by the next higher assembly or component.
X2	Repair parts, Special Tools and Test Equipment which are not stocked and have no foreseen mortality. The indicated maintenance category requiring such repair parts will attempt to obtain the parts through cannibalization or salvage, the item may be requisitioned with exception data, from the end item manager, for immediate use.
G	Major assemblies that are procured with PEMA funds for initial issue only as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above DS and GS level or returned to depot supply level.  Note: Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded X1 and aircraft support items as restricted by AR 700-42.

(2) Maintenance code, indicates the lowest category of maintenance authorized to install the listed item. The maintenance level codes are:

<i>Code</i>	<i>Explanation</i>
C-Operator Crew	
O-Organizational maintenance	

(3) Recoverability code, indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable, Recoverability codes are:

<i>Code</i>	<i>Explanation</i>
R	Applied to Repair parts, (assemblies and components) Special Tools and Test Equipment which are considered economically repairable at direct and general support maintenance levels. When the item is no longer economically repairable, it is normally disposed of at the GS