

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT

MAINTENANCE MANUAL

PUMPING ASSEMBLY FLAMMABLE LIQUID,

BULK TRANSFER,

LIGHTWEIGHT, CENTRIFUGAL, 100 GPM MINIMUM,

GASOLINE-ENGINE-DRIVEN (BARNES MODEL US6ACG)

FSN 4320-150-6116

TECHNICAL MANUAL

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DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

This technical manual covers direct support and general support maintenance for Pumping Assembly, Flammable Liquid, Bulk Transfer, Centrifugal, Gasoline-Engine-Driven, 100 gallons per minute, Federal Stock Number 4320-150-6116. This pump is manufactured by Barnes Manufacturing Company, Mansfield, Ohio, as Model US6ACG.

1-2. Forms and Records

Maintenance forms, records, and reports which are used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

1-3. Reporting of Errors

Reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to Publications, and forwarded to Commanding General, U. S. Army Mobility Equipment Command, ATTN: AMSME-MP, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120.

Section II. DESCRIPTION AND DATA

1-4. Description

a. Pumping Assembly Model US6ACG (fig. 1-1) consists of an engine-driven pump mounted on a frame, a rigid-walled suction hose, two non-rigid discharge hoses which are stored in hose containers

mounted on each side of the pump, and two manually operated hose nozzles which attach to the discharge ends of the discharge hoses to control the flow of liquid.

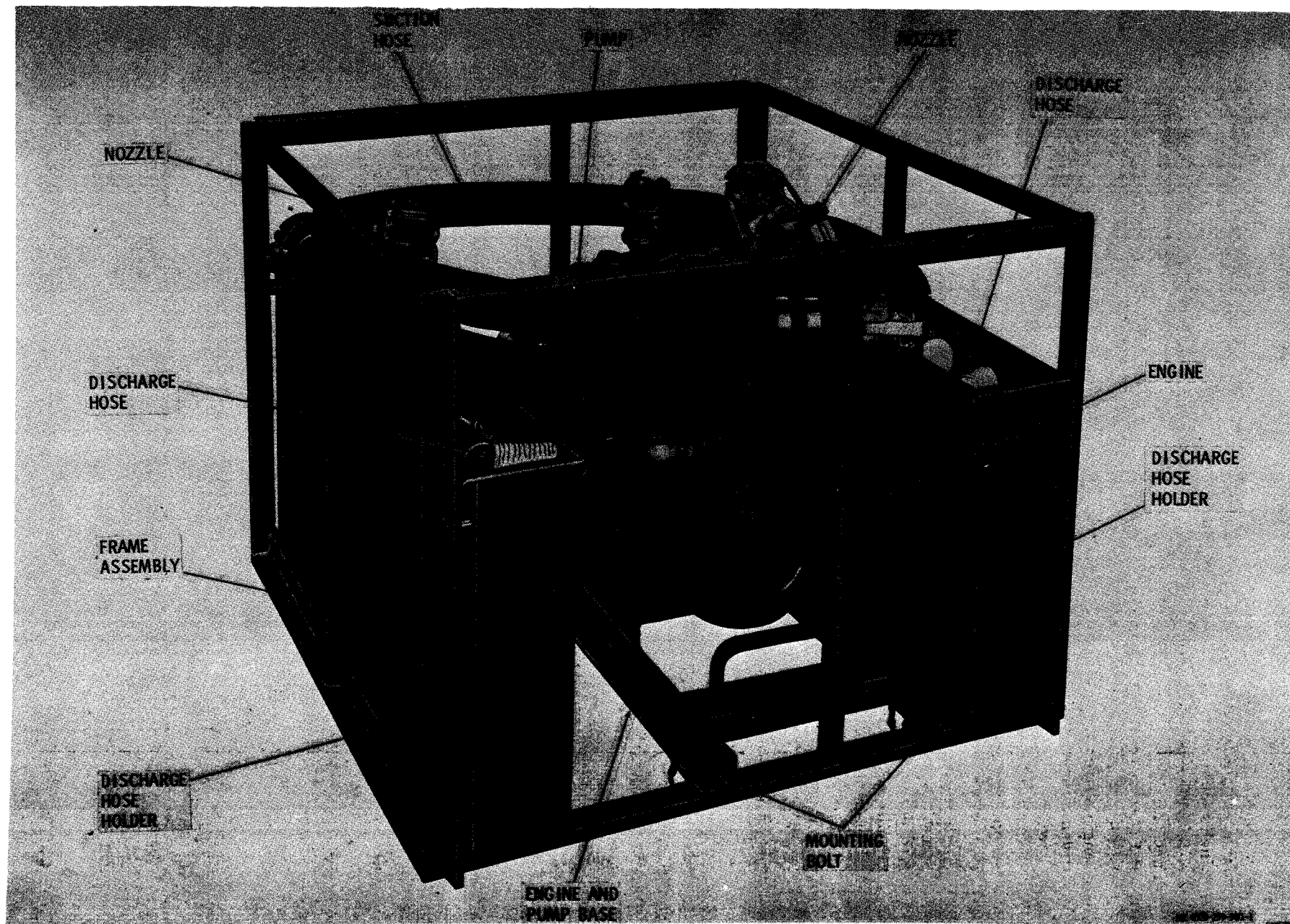


Figure 1-1. Pumping Assembly, Model US6ACG.