DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TECHNICAL MANUAL

OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL PUMP, CENTRIFUGAL, SELF-PRIMING, GASOLINE ENGINE DRIVEN, WHEEL MOUNTED, 6-INCH, 1500 GPM CAPACITY AT 60 FOOT HEAD (PEABODY BARNES, INC: MODEL US90CCG-1)

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This copy is a reprint which includes current pages from change 1.

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OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL

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6-INCH, 1500 GPM CAPACITY AT 60 FOOT HEAD

(PEABODY BARNES, INC. MODEL US90CCG-1)

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LIST OF ILLUSTRATIONS

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope
This manual is for your use in operating and maintaining the Pump, Centrifugal, Self-priming, Gasoline Engine Driven, Wheel Mounted, 6-Inch, 1500 GPM Capacity at 60 Foot Head (Peabody Barnes, Inc. Model US9OCCG-1).

1-2. Maintenance Forms and Records
Maintenance forms, records, and reports that you are required to use are DA Form 2400, 2401, 2402, 2404 and 314 (see TM 38-750).

1-3. Reporting of Errors
You can help to improve this manual by calling attention to errors and by recommending improvements. Your letter, DA Form 2028, (Recommended Changes to Publications), and/or DA Form 2028-2 (Recommended Changes to Equipment Technical Manuals), may be used. Copies of DA Form 2028-2 are attached in the back of the manual for your use. Please mail your recommended changes directly to Commander, U. S. Army Troop Support Command, ATTN: AMSTS-MPP, 4300 Goodfellow Blvd., St. Louis, MO 63120. A reply will be furnished directly to you.

1-4. Equipment Serviceability Criteria
This equipment is not covered by an ESC.

1-5. Destruction of Army Materiel to Prevent Enemy Use
For instructions regarding destruction of equipment to prevent enemy use, refer to TM 750244-3.

1-6. Administrative Storage
You must prepare the pump assembly for storage according to procedures given in TM 740-90-1.

SECTION II. DESCRIPTION AND DATA

1-7. Description
a. Centrifugal Pump, Model US9OCCG-1, consists primarily of a gasoline engine and a wheel mounted centrifugal pump. The torque from the engine is transferred to the pump through an intermediate shaft and flexible coupling.

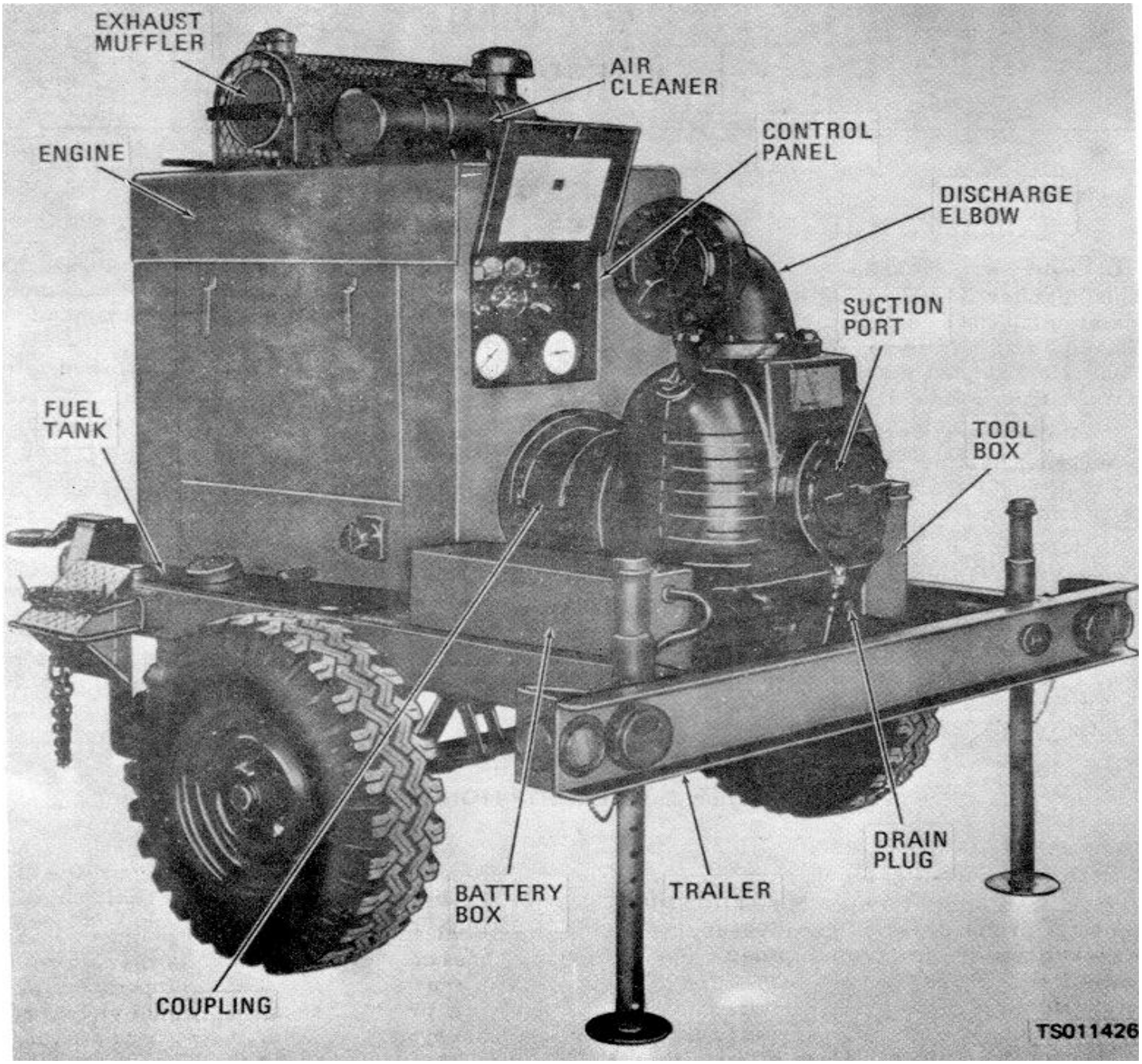

Figure 1-1. Centrifugal pump, left rear view.