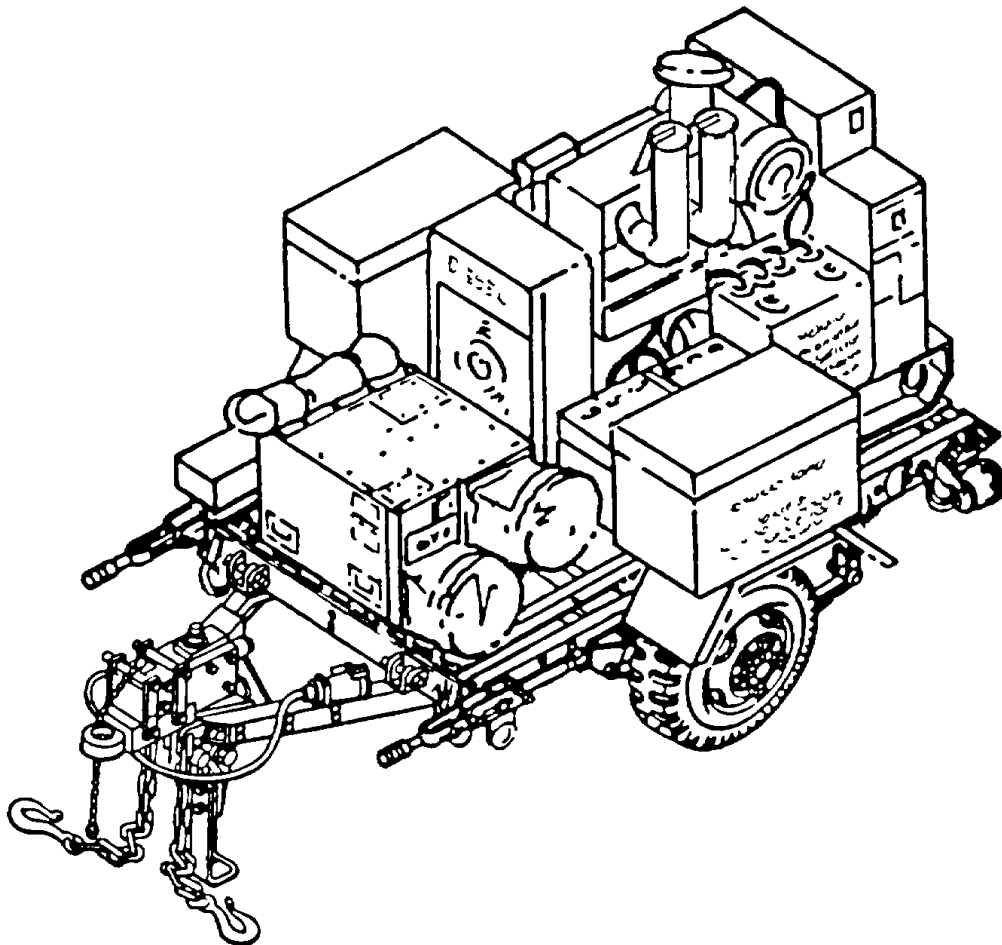


TECHNICAL MANUAL

**OPERATOR'S, UNIT AND DIRECT
SUPPORT MAINTENANCE MANUAL (INCLUDING
REPAIR PARTS AND SPECIAL TOOLS LIST)**

**AIR CONDITIONER: TRAILER-MOUNTED,
GENERATOR-SET-POWERED,
18,000 BTU/HR
(NSN 4120-00-930-5700)**



Approved for public release; distribution is unlimited.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
21 AUGUST 1991**

TECHNICAL MANUAL

NO. TM 9-4120-405-13&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 21 August 1991

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REPORTING OF ERRORS AND RECOMMENDED IMPROVEMENTS

You can help improve this publication. If you find any errors or if you know of a way to improve this publication, 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: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MMTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished to you.

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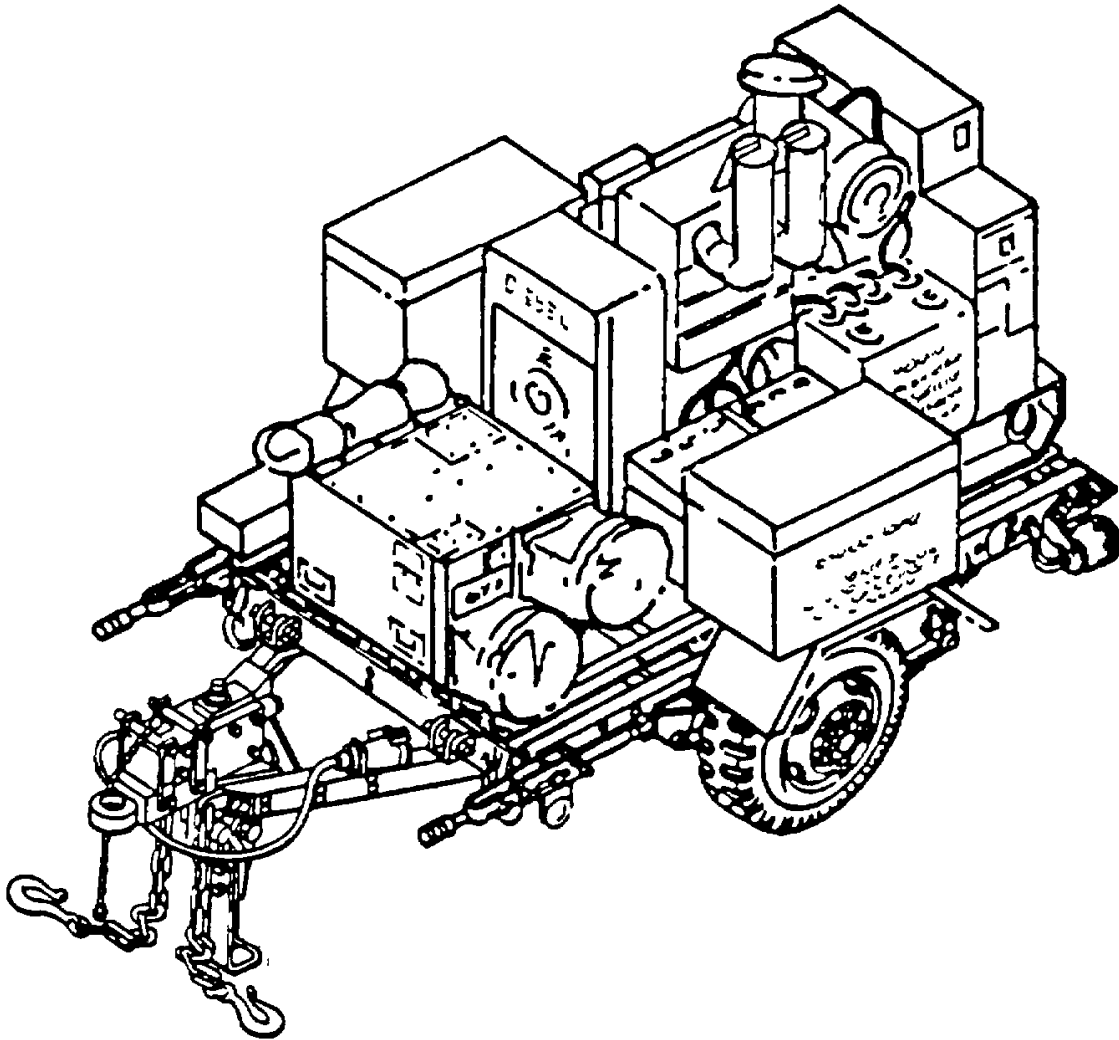
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HOW TO USE THIS MANUAL

This manual is to be used as a system manual for the integration of the following hardware items:

- a. Generator Set. Refer to TM 5-6115-585-12, -34
- b. Air Conditioner. Refer to TM 5-4120-384-14
- c. Trailer. Refer to TM 9-2330-202-14&P

Maintenance for the referenced items is covered in the associated manuals. This manual only covers those hardware items not covered in referenced manuals and how the trailer-mounted, generator-set powered, air conditioner works as a system.



*Figure 1-1. Air Conditioner: Trailer-Mounted,
Generator-Set-Powered, 18,000 BTU/HR.*

CHAPTER 1 INTRODUCTION

Section I. GENERAL INFORMATION

1-1. SCOPE.

a. Type of Manual. Operator's, Unit, and Direct Support Maintenance Manual, including Repair Parts and Special Tools List.

b. Model Number and Equipment Name. Trailer-Mounted, Generator-Set Powered, 18,000 BTU/HR, Air Conditioner.

c. Purpose of Equipment. The unit covered in this manual is designed to integrate an air conditioner, generator, and trailer so that the air conditioner is self powered, transportable and usable on shelters.

1-2. MAINTENANCE FORMS AND RECORDS. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Management System (TAMMS).

1-3. MAINTENANCE FORMS AND RECORDS (EIR's). If your system needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put it on an SF 368 (Quality Deficiency Report). Mail it to us at Commander, Headquarters, U.S. Army Troop Support Command, ATTN: AMSTR-MOF, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. We will send you a reply.

1-4. DESTRUCTION OF ARMY MATERIAL TO PREVENT ENEMY USE. Refer to TM 750244-3, Procedures for Destruction of Equipment to Prevent Enemy Use.

1-5. PREPARATION FOR STORAGE OR SHIPMENT. Contact unit maintenance for system/unit preparation for storage or shipment. Refer to para. 4-34.

1-6. CORROSION PREVENTION AND CONTROL (CPC).

Corrosion Prevention and Control (CPC) of Army Material is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items.

While corrosion is typically associated with rusting of metals, it can also include deterioration of other materials, such as rubber and plastic. Unusual cracking, softening, swelling, or breaking of these materials may be a corrosion problem.

If a corrosion problem is identified, it can be reported using Standard Form (SF) 368, Product Quality Deficiency Report. Use of keywords such as "corrosion," "rust," "deterioration," or "cracking" will ensure that the information is identified as a CPC problem.

The form should be submitted to Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MOF, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798.