

TECHNICAL MANUAL
OPERATOR'S, UNIT,
AND INTERMEDIATE DIRECT SUPPORT
MAINTENANCE MANUAL

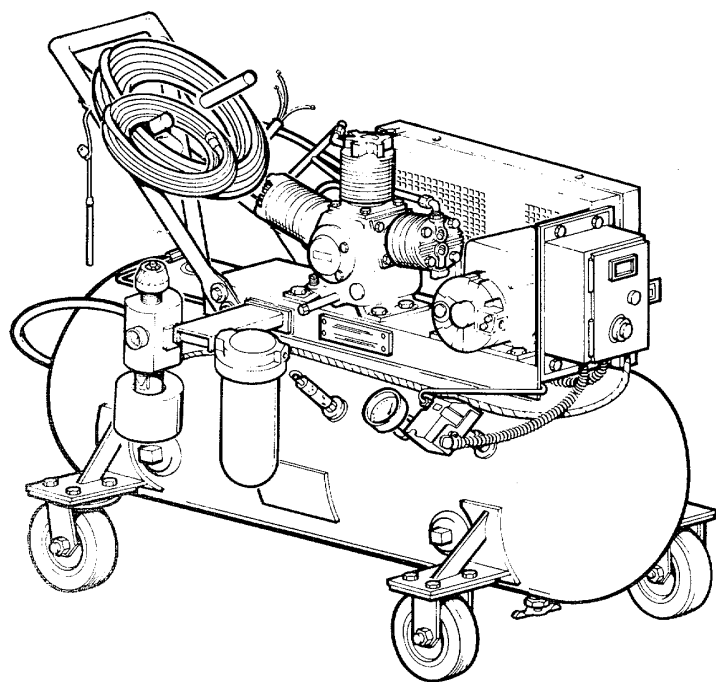


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COMPRESSOR, RECIPROCATING, AIR:
ELECTRIC MOTOR DRIVEN
CASTER MOUNTED
5 CFM, 175 PSI
C & H MODEL 20-917
NSN 4310-01-242-1804

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HEADQUARTERS, DEPARTMENT OF THE ARMY

5 AUGUST 1988

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 5 August 1988

OPERATOR'S, UNIT, AND INTERMEDIATE DIRECT SUPPORT
MAINTENANCE MANUAL
FOR
COMPRESSOR, RECIPROCATING, AIR:
ELECTRIC MOTOR DRIVEN
CASTER MOUNTED
5 CFM, 175 PSI
C & H MODEL 20-017
NSN 4310-01-242-1804

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, D.A. Form 2028 (Recommended Changes to Publications and Blank Forms), or D.A. Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St., Louis, MO 63120-1798. A reply will be furnished directly to you.

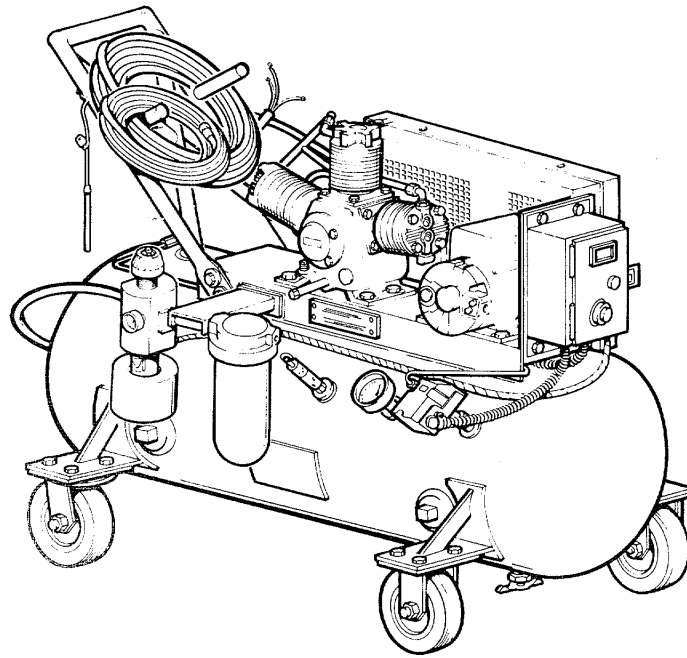
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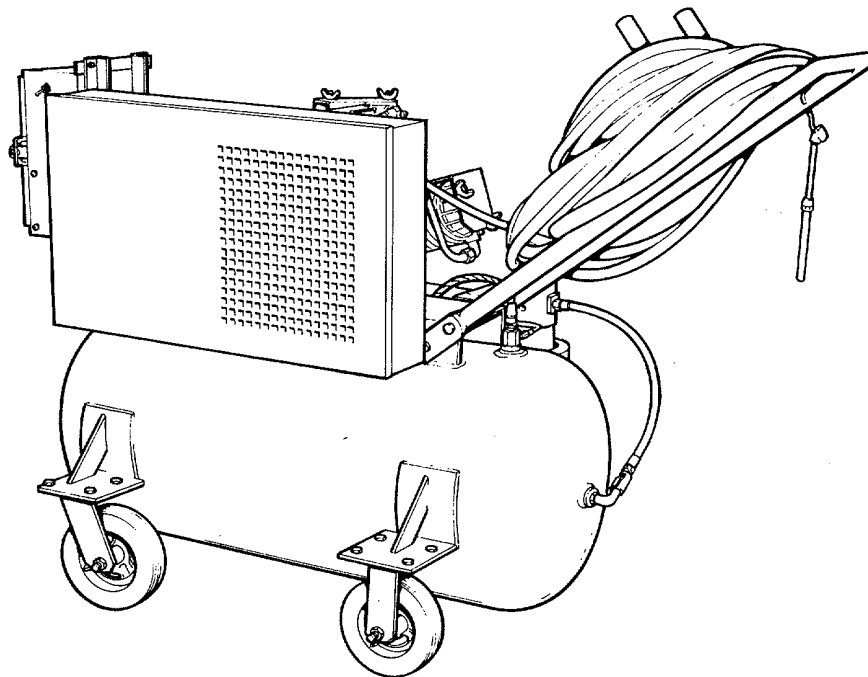
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Starter Side View



Belt Guard View

CHAPTER 1. INTRODUCTION

SECTION I. GENERAL INFORMATION

1-1. ORIENTATION VIEWS. The following two illustrations are provided to orient manual user with the overall air compressor and specific components.

1-2. SCOPE.

- a. *Type of Manual:* Operator's, Unit, and Intermediate Direct Support Maintenance Manual.
- b. *Model Number and Equipment Name:* Air Compressor, Reciprocating, Electric Motor Driven, Caster Mounted, 5 cfm, 175 psi, Model 20-917.
- c. *Purpose of Equipment:* Caster mounted compressor used as a source of compressed air for testing missile plumbing systems.

NOTE

The term "compressor" will refer to the overall machine and the term "compressor unit" will refer to the specific air pump functioning as a compressor unit.

NOTE

To help find components and eliminate confusion, certain overall views of the air compressor will be called Belt Guard View and Starter View instead of "front" or "rear".

1-3. MAINTENANCE FORMS AND RECORDS. Equipment maintenance forms and procedures for their use are contained in DA PAM 738-750 update, The Army Maintenance Management System (TAMMS).

1-4. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR'S). If your air compressor 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-QX, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. We will send you a reply.

1-5. WARRANTY INFORMATION. All components of the air compressor are warranted by C&H Distributors Inc. for a period of 12 months. The warranty starts on the date found in block 23, DA Form 2408-9, in the logbook. Report all defects in material or workmanship to your supervisor who will take appropriate action through your organizational maintenance shop.

1-6. DESTRUCTION OF ARMY MATERIAL TO PREVENT ENEMY USE.. Refer to TM 750-244-3, Procedures for Destruction of Equipment to Prevent Enemy Use.