

TM 5-4310-241-15

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, FIELD,
AND DEPOT MAINTENANCE MANUAL

COMPRESSOR, RECIPROCATING: AIR; 5 CFM; 175 PSI;
HAND TRUCK MOUNTED; GASOLINE DRIVEN (CHAMPION
PNEUMATIC MODEL LP-512-ENG) LESS ENGINE
FSN 4310-861-9820

RECEIVER MOUNTED; ELECTRIC DRIVEN (CHAMPION
PNEUMATIC MODEL OEH-34-B0-ENG-1)
FSN 4310-861-9823

This copy is a reprint which includes current pages from Changes 1 through 4.
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DEPARTMENT OF THE ARMY
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Operator Organizational, Field and Depot Maintenance Manual

COMPRESSOR, RECIPROCATING: AIR; 5 CFM; 175 PSI, HAND TRUCK MOUNTED; GASOLINE DRIVEN (CHAMPION PNEUMATIC MODEL LP-512-ENG) LESS ENGINE

FSN 4310-861-9820

RECEIVER MOUNTED; ELECTRIC DRIVEN (CHAMPION PNEUMATIC MODEL OEH-34-60-ENG-I)

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1. Scope

a. These instructions are published for the use of the personnel to whom the air compressors, Champion Pneumatic Models LP-512-ENG and OEH-34-60-ENG-1, are issued. Chapters 1 through 3 provide information on the operation, daily preventive maintenance services, and organizational maintenance of the equipment, accessories, components, and attachments. Chapter 4 provides information for field and depot maintenance (3d, 4th, and 5th echelons). This manual also provides descriptions of the main units and their functions in relationship to other components. Maintenance for the engine is covered in TM 5-2805-206-14.

b. Appendix I contains a list of references applicable to this manual. Appendix II contains the Maintenance Allocation Charts. Appendix III contains the Basic Issue Items and the Maintenance and Operating Supplies required for initial operation. The Organizational, Field, and Depot Maintenance Repair Parts and Special Tool Lists for the compressor

are listed in TM 5-4310-241-25P. The Repair Parts and Special Tool Lists for the engine are listed in TM 5-2806-206-14P.

c. Report all deficiencies in this manual on DA Form 2028 (Recommended Changes to DA TM Parts Lists or SM 7, 8, or 9). Submit recommended for changes, additions, or deletions to the Commanding Officer, U. S. Army Mobility Support Center, ATTN: SMOMS-MS, P. O. Box 119, Columbus 16, Ohio. Direct communication is authorized.

d. Report unsatisfactory equipment performance and suggestions for equipment improvement as specified in AR 750-5.

2. Record and Report Forms

a. **DA Form 2258 (Depreservation Guide of Engineer Equipment).**

b. For record and report forms applicable to operator, organizational, and field and depot maintenance, refer to TM 38-750.

Note. **Applicable forms, excluding Standard Form 46 which is carried by the operator, shall be kept in a canvas bag mounted on the equipment.**