

TM 5-4310-241-35P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT AND GENERAL SUPPORT AND DEPOT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

COMPRESSOR, RECIPROCATING: AIR; 5 CFM; 175 PSI;
HAND TRUCK MOUNTED; GASOLINE DRIVEN (CHAMPION
PNEUMATIC MODEL LP-512-ENG) LESS ENGINE
FSN 4310-861-9820 (CHAMPION PNEUMATIC MODEL
LP-51 2-ENG-1) LESS ENGINE FSN 4310-079-6290
RECEIVER MOUNTED, ELECTRIC DRIVEN; 3 PHASE; 2 HP;
60 HZ; AC; 208/416 V (CHAMPION PNEUMATIC
MODEL OEH-34-60-ENG-1) FSN 4310-861-9823
(CHAMPION PNEUMATIC MODEL OEH-34-60-ENG-4)
FSN 4310-695-1227 SINGLE-PHASE; 2 HP; 60 HZ; AC;
115/230 V (CHAMPION PNEUMATIC MODEL
OEH-34-60-ENG-2) FSN 4310-088-1855 (CHAMPION
PNEUMATIC MODEL OEH-34-60-ENG-3)
FSN 4310-075-3310



HEADQUARTERS, DEPARTMENT OF THE ARMY

MAY 1969

TECHNICAL MANUAL

No. 5-4310-241-35P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., 6 May 1969

DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LIST

COMPRESSOR, RECIPROCATING: AIR; 5 CFM; 175 PSI;
HAND TRUCK MOUNTED; GASOLINE DRIVEN (CHAMPION
PNEUMATIC MODEL LP-512-ENG) LESS ENGINE FSN
4310-861-9820 (CHAMPION PNEUMATIC MODEL LP-512-
ENG-1) LESS ENGINE FSN 4310-079-6290 RECEIVER
MOUNTED, ELECTRIC DRIVEN; 3 PHASE; 2 HP; 60 HZ;
AC; 208/416 V (CHAMPION PNEUMATIC MODEL OEH-34-
60-ENG-1) FSN 4310-861-9823 (CHAMPION PNEUMATIC
MODEL OEH-34-60-ENG-4) FSN 4310-695-1227 SINGLE-
PHASE; 2 HP; 60 HZ; AC; 11 5/230 V (CHAMPION
PNEUMATIC MODEL OEH-34-60-ENG-2) FSN 4310-088-
1855 (CHAMPION PNEUMATIC MODEL OEH-34-60+ENG-3)
FSN 4310-075-3310

Current as of 24 March 1969

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* This manual together with TM 5-4310-241-20P, 6 May 1969, supersedes TM 5-4310-241-25P, 24 October 1962, 5 May 1965.

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SECTION I

INTRODUCTION

1. Scope

This manual lists repair parts required for the performance of direct support, general support, and depot maintenance of the air compressor.

2. General

a. The repair parts list is arranged as follows:

(1) Individual parts and major assemblies are listed alphabetically by item name within the numbered functional groups.

(2) Assembly components and subassemblies are indented and listed alphabetically by item name under major assemblies,

b. This Repair Parts and Special Tools List is divided into the following sections:

(1) *Repair Parts-Section II*. A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level.

(2) *Special Tools, Test and Support Equipment-section III*. A list of special tools, test and support equipment authorized for the performance of maintenance at the direct support, general support, and depot level. Not Applicable.

(3) *Federal Stock Number and Reference Number Index-Section IV*. A list of Federal stock numbers followed by reference numbers in ascending alpha-numeric sequence cross-referenced to index number.

3. Explanation of Columns

The following provides an explanation of columns in the tabular lists in Sections II and III:

a. *Source, Maintenance, and Recoverability Codes (SMR), Column (1)*.

(1) Source code, indicates the selection status and source for the listed item. Source codes used are:

Code	Explanation
P	Applied to repair parts which are stocked in or supplied from DSA/GSA or Army supply system, and authorized for use at indicated maintenance categories.

Code	Explanation
M	Applied to repair parts which are not procured or stocked but are to be manufactured at indicated maintenance categories.
A	Applied to assemblies which are not procured or stocked as such but made up of two or more units, each of which carry individual stock numbers and descriptions and are procured and stocked and can be assembled by units at indicated maintenance categories.
X	Applied to parts and assemblies which are not procured or stocked, the mortality of which is normally below that of the applicable end item, and the failure of which should result in retirement of the end item from the supply System.
X1	Applied to repair parts which are not procured or stocked, the requirement for which will be supplied by use of the next higher assembly or components.
X2	Applied to repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain them through cannibalization; if not obtainable through cannibalization, such repair parts will be requisitioned with supporting justification through normal supply channels.
C	Applied to repair parts authorized for local procurements. If not obtainable from local procurement, such repair parts will be requisitioned through normal supply channels with a supporting statement of nonavailability from local procurement
G	Applied to major assemblies that are procured with PEMA (Procurement Equipment Missile Army) funds for initial issue only to be used as exchange assemblies at DSU and GSU maintenance level. These assemblies will not be stocked above DSU and GSU level or returned to depot supply level.

Note. Source code is not shown on common hardware items known to be readily available in Army supply channels and through local procurements.

(2) Maintenance code, indicates the lowest category of maintenance authorized to install the listed item. The maintenance level codes are:

Code	Explanation
O	Organizational maintenance
F	Direct maintenance
H	General support maintenance
D	Depot maintenance

(3) Recoverability code, indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

Code	Explanation
R	Applied to repair parts and assemblies which are economically repairable at DSU and GSU activities and normally are furnished by supply on an exchange basis.
T	Applied to high dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities.
U	Applied to repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, high dollar value reusable casings or castings.

(4) This column also lists, below the SMR code, an index number for each item in ascending numerical sequence, which is used to locate items in the publication when the Federal stock number and/or reference number is known.

b. Federal Stock Number, Column (2). This column indicates the Federal stock number for the item.

c. Description, Column (3). This column indicates the Federal item name and any additional description of the item required. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parentheses. Material required for manufacture or fabrication is identified.

d. Unit of Issue, Column (4). This column indicates the unit used as basis for issue, e.g., ea, pr, ft, yd, etc.

e. Quantity Incorporated in Unit Pack, Column (5). This column indicates the actual quantity contained in the unit pack.

f. Quantity Incorporated in Unit, Column (6). This column indicates the quantity of the item used in the functional group.

g. Thirty-Day DS/GS Maintenance Allowances, Columns (7) and (8).

(1) The allowance columns are divided into three subcolumns. Indicated in each subcolumn is the quantity of items authorized for the number of equipments supported. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for DS/GS levels of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

(3) Determination of the total quantity of parts required for maintenance of more than 100 of these equipments can be accomplished by converting the equipment quantity to a decimal factor by placing a decimal point before the next to last digit of the number to indicate hundredths, and multiplying the decimal factor by the parts quantity authorized in the 51-100 allowance column. Example, authorized allowance for 51-100 equipments is 40; for 150 equipments multiply 40 by 1.50 or 60 parts required.

h. One-Year Allowances Per 100 Equipments/Contingency Planning Purposes, Column (9). This column indicates the quantity required for distribution and contingency planning purposes. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year.

i. Depot Maintenance Allowance Per 100 Equipments, Column (10). This column indicates the quantity authorized for depot maintenance of 100 equipments. Items authorized for use but not for initial stockage are identified with an asterisk in the allowance column.

j. Illustration, Column (11).

(1) *Figure number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item number.* Indicates the callout number used to reference the item in the illustration.

4. Special Information

a. Identifications of the usable on codes of this publication are:

Code	Used on
A ----	Compressor, model LP-512-ENG, Gasoline driven
B ----	Compressor, model OEH-34-60-ENG-1, Electric motor driven
C ----	Compressor, model OEH-3440-ENG-2, Electric motor driven
D...	Compressor, model OEH-34-60-ENG-3, Electric motor driven
E ----	Compressor, model OEH-34-60-ENG-4, Electric motor driven
F ____	Compressor, model LP-512-ENG-1, Gasoline driven

Repair parts not symbolized applicable all models. Refer to TM 5-2805-206-24P for information on repair parts and allowances for the MIL STD ENGINE EA08-1 and 1A08-2.

b. Repair parts mortality has been based on 1,000 hours of operation per year.

c. Parts which require manufacture or assembly at a category higher than that authorized for installation will indicate in the source column the higher category.