

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT AND GENERAL SUPPORT AND DEPOT
MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LIST
COMPRESSOR, RECIPROCATING, AIR,
WHEEL MOUNTED, 2 WHEEL, PNEUMATIC TIRES
GED, 4 CFM, 3000 PSI
(WALTER KIDDE MODEL 893811)
FSN 4310-997-6004

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HEADQUARTERS
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REPAIR PARTS AND SPECIAL TOOLS LIST**

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SECTION I INTRODUCTION

1. Scope

This manual lists repair parts and special tools required for the performance of direct support, general support, and depot maintenance of the Compressor.

2. General

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

a. Repair Parts-Section II. A list of repair parts authorized for the performance of maintenance at the direct support; general support, and depot level in figure and item number sequence.

b. Special Tools, Test and Support Equipment -- Section III. (Not applicable).

c. Federal Stock Number and Reference Number Index-Section IV. A list of Federal stock numbers in ascending numerical sequence followed by a list of reference numbers in ascending alpha-numeric sequence, cross referenced to the illustration figure number and item number.

3. Explanation of Columns

The following provides an explanation of columns in the tabular lists in sections II, III, and IV.

a. Source, Maintenance, and Recoverability Codes (SMR).

Note

Common hardware items known to be readily available in Army supply channels are assigned maintenance codes only. Source codes, recoverability codes, and maintenance allowances are not assigned to this category.

(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.
P2	Applies to repair parts which are procured and stocked for insurance purposes because the combat or military essentially of the

Code	Explanation
	end item dictates that a minimum quantity be available in the supply system.
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 are made up of two or more units, each of which carry individual stock numbers and description and are procured and stocked and can be assembled at indicated maintenance categories.
X	Applied to parts and assemblies which are not procured or stocked; the mortality of which normally is 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 requirements for which will be supplied by use of the next higher assembly or component.
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 procurement. 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.

(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 support 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 are normally furnished by supply on an exchange basis.
S	Applied to repair parts and assemblies which are economically repairable at DSU and GSU activities and which normally are furnished by supply on an exchange basis. When items are determined by a GSU to be uneconomically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition.
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 are normally 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.

b. Federal Stock Number. This column indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description. This column indicates the Federal item name and any additional description of the item required. The abbreviation "w/e" when used as a part of the nomenclature indicates the Federal stock number includes all armament, equipment, accessories, and repair parts issued with the item. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parenthesis. Repair parts quantities included in the kits, sets, and assemblies are shown in front of the repair parts name. The physical security classification of the item is indicated by the parenthetical entry. Material required for manufacture or fabrication is identified.

d. Unit of Measure (U/M). A two-character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

e. Quantity Incorporated in Unit. This column indicates the quantity of the item used in the functional group or the assembly group. A "V" appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated (e.g., shims, spacers, etc.).

f. Thirty-Day DS/GS Maintenance Allowances.

Note

Allowances in GS column are for GS maintenance only.

(1) The allowance columns are divided into three subcolumns. Indicated in each subcolumn, opposite the first appearance of each item, is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have the letters "REF" in the applicable allowance column. 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 1.50 equipments multiply 40 by 1.50 or 60 parts required.

g. One-Year Allowance Per 100 Equipments/Contingency Planning Purposes. This column indicates opposite the first appearance of each item the total 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.

h. Depot Maintenance Allowance Per 100 Equipments. This column indicates opposite the first appearance of each item the total quantity authorized for depot maintenance of 100 equipments. Subsequent appearances of the same item will have the letters "REF" in the allowance column. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

i. Illustration. This column is divided as follows:

(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. Repair parts mortality has been based on 1000 hours operation per year.

b. The basis of issue for authorized special tools, test and support equipment is the number of end items of equipment supported and the

number of maintenance personnel allocated to perform the required maintenance operations as follows:

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.

d. For end items authorized mandatory stockage of repair parts by the Department of the Army, on a case by case basis, the mandatory stockage items are indicated by a plus "+" sign as the first character in the end item density columns of both the Repair Parts List and the Prescribed Load Allowance for each such authorized allowance quantity.

e. Action change codes indicated in the left hand margin of the listing page denote the following:

N-Indicates an added items not included in previous publications.

C-Indicates a change in data.

F-Indicates a change in FSN only.

f. The following publications pertain to the Compressor and its components.

TM 5-2805-257-14	Organizational, DS, and GS Maintenance Manual (Including Repair Parts and Special Tools Lists)
TM 5-4130-335-15	Operator, Organizational, Field and Depot Maintenance Manual
TM 5-4310-335-20P	Organizational Maintenance Repair Parts and Special Tools Lists
LO 5-4310-6-12	Lubrication Order

5. How to Locate Repair Parts

a. When Federal stock number or reference number is unknown:

(1) *First.* Using the table of contents, determine the functional group, functional subgroup, or assembly group, i.e., engine, engine assembly, transmission, transmission assembly within which the repair part belongs. This is necessary since illustrations are prepared for functional groups, functional subgroup or assembly groups, and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group, functional subgroup, or assembly group to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure number and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the functional group, functional subgroup, or assembly group to which the repair part belongs and

locate the illustration figure and item number noted on the illustration.

b. When Federal stock number or reference number is known:

(1) *First.* Using the Index of Federal Stock Numbers and Reference Numbers find the pertinent Federal stock number or reference number. This index is in ascending FSN sequence followed by a list of reference numbers in ascending alpha-numeric sequence, cross referenced to the illustration figure number and item number.

(2) *Second.* Using the Repair Part Listing, find the functional group, functional subgroup, or assembly group of the repair part and the illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

6. Abbreviations

dia	diameter
in.	inch (Inches)
id	inside diameter
mtg.	mounting
od	outside diameter
thk	thick (Thickness)
thd.	thread

7. Federal Supply Codes for Manufacturers

Code	Manufacturer
00624	Aeroquip Corp. Aircraft Div. Jackson Plant, Jackson Mich.
01019	Stofel Seals Corp., Tuckohoe, N.Y.
01989	Weatherhead Co., Antwerp, Ohio
03681	Rowco Mfg. Co., Inc. Keene, N.H.
03684	DeMornay - Bonardi Corp., Pasadena, Calif
04633	Minnesota Mining and Mfg. Co. Adhesives, Coatings and Sealers Div., Los Angeles, Calif.
05662	Barbour-Stockwell Instruments Div. Of Curtis and Marble Machine Co. Worcester, Mass.
06848	Bendix Corp., The Bendix Products Aerospace Division, South Bend, Ind.
07060	Conover, C.E. and Co., Fairfield, N.J.
09094	Waldick Aero-Space Devices, Inc. Huntington Station, L.I., N.Y.
09505	Imperial-Eastman Corp., Canada Ltd. Barrier, Ontario, Canada.
13257	Esna Ltd. Toronto, Ontario, Canada
13636	Barry Controls, Western Division of Barry Wright Corp., Glendale, Calif.
19220	Elberhard Mfg. Co., Cleveland, Ohio
28968	Hoke Inc., Tenakill Park, Cresskill, N.J.
33525	Kidde, Walter and Co., Belleville, N.J.
39481	Mead Specialties Co., Chicago, Ill.
52793	Saginaw Products Corp., Saginaw, Mich.
56878	Standard Presseo Steel Co. Jenkintown, Pa.