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TM 10-4520-201-24P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TECHNICAL MANUAL
ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS SPECIAL TOOLS LIST
HEATER, DUCT-TYPE; PORTABLE; GASOLINE; 250,000 BTU
(BASTIAN MORLEY MODEL PHDT-250)
FSN 4520-086-7676
(VOGT BROS MODEL VB67-GFC3)
FSN 4520-937-6168
(KECO INDUSTRIES MODEL H-250)
FSN 4520-255-5051
(VOGT BROS MODEL VB-3077 CS-61 AND VOGT BROS MODEL VB-3077CS62)
FSN 4520-856-5983

HEADQUARTERS, DEPARTMENT OF THE ARMY

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NO. 10-4520-201-24P

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DEPARTMENT OF THE ARMY
WASHINGTON, D.C., *1 March 1972*

ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT, MAINTENANCE MANUAL REPAIR PARTS AND SPECIAL TOOLS LIST

HEATER, DUCT-TYPE, PORTABLE, GASOLINE 250,000 BTU (BASTIAN-MORLEY MODEL PHDT-250) FSN 4520-086-7676 (VOGT BROS MODEL VB67-GFC3) FSN 4520-937-6168 (KEKO INDUSTRIES MODEL H-250) FSN 4520-255-5051 (VOGT BROS MODEL VB-3077CS-61 AND (VOGT BROS MODEL VB-3077CS-62) FSN 4520-856-5983

Current as of 15 February 1972 .

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*This manual supersedes TM 10-4520-201-20P and TM 10-4520-201-35P 29, January 1970, in. eluding all changes.

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SECTION I.
INTRODUCTION

1. Scope

a. This manual lists repair parts, special tools, test and support equipment required for the performance *of* organizational. direct support, and general support maintenance of the Heater.

b. Repair parts listed represent those authorized for use at indicated maintenance levels and will be requisitioned (on an "as required" basis until stockage is justified by demand in accordance with AR 735-35 or AR 710-2).

2. General

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

a. Repair Parts - Section II.A list in figure and item number sequence. of repair parts authorized at the organizational level for the performance of maintenance. including those items which must be removed for replacement of the authorized item. Items, except kits and sets, are listed by assembly group its top down breakdown sequence.

b. Special Tools. Test and Support Equipment — Section III. (Not Applicable)

c. Repair Parts — Section IV.A list in figure and item number sequence, of the repair parts authorized for the performance of maintenance at the direct support. and general support levels, including those items which must be removed for replacement of the authorized item. Items, except kits and sets. are listed by assembly group in top down breakdown sequence.

d. Special Tools. Test and Support Equipment -Section V. (Not Applicable)

e. Federal Stock Number and Reference Number Index-Section VI. A list of Federal Stock Numbers in ascending numerical sequence followed by a list of reference numbers appearing in all listings, in ascending alpha-numeric sequence cross-referenced to the illustration figure and item numher.

3. Explanation of Columns

The following provides an explanation of columns in the tabular Iists in sections II through V.

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

(1) Source code indicates the source for the listed item. Source Codes are:

Code	*Explanation*
P	Repair parts, Special Tools and Test Equipment supplied from the GSA / DSA, or Army supply system and authorized for use at indicated maintenance levels.
P2	Repair parts. Special Tools and Test Equipment which *are* procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system.
M	Repair Parts. Special Tools and Test Equipment which are not procured or stocked. as such. in the supply system but are to be manufactured at indicated maintenance levels.
A	Assemblies which are not procured or stocked as such, but are made up of two or more units. Such component units carry individual stock numbers and descriptions. are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance categories.
X	Parts and assemblies that are not procured or stocked because the failure rate is normally below that of the applicable and item or component. The failure of such part of assembly should result in retirement of the and item from the supply system. .
Xl	Repair parts which are not procured or stocked. The requirement for such items will be filled by the next higher assembly or component.
X2	Repair parts, Special Tools and Test Equipment which are not stocked and have no foreseen mortality. The indicated maintenance level requiring such repair parts will attempt to obtain the parts through cannibalization or salvage. the item may be requisitioned with reception data. from the end item manager. for immediate use.
G	Major assemblies that are procured with PEMA funds for initial issue only as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above DS and GS level or returned to depot supply level.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded X1 and aircraft support items as restricted by AR 700-42.

(2) Maintenance code indicates the lowest level of maintenance authorized to install the listed item. Repair parts and special tools assigned Maintenance Code "C" may be stocked at the operator level of maintenance when authorized by the Unit Commander. The maintenance level codes are:

Code	*Explanation*
C	Crew or Operator
O	Organizational maintenance
F	Direct Support maintenance
H	General Support 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. (assemblies and components) Special Tools and Test Equipment which are considered economically reparable at direct and general support maintenance levels. When the item is no longer economically repairable. it is normally disposed of at the GS level. When supply considerations dictate, some of these repair parts may be listed for automatic return to supply for depot level repair as set forth in AR 710-50. When so listed, they will be replaced by supply on an exchange basis.
s	Repair parts, Special Took Test Equipment and assemblies which are economically reparable at DSU and GSC activities and which normally are furnished by supply on an exchange basis. When items are determined by a GSU to be uneconomically reparable. they will be evacuated to l depot for evaluation and analysis before final disposition.
T	High dollar value recoverable Repair parts, Special Tools and Test Equipment which are subject to special handling and are issued on an exchange basis. Such items will be evacuated to the depot for overhaul or final disposition. Communication-Electronics and Missile support items will be repaired/ overhauled only at depots.
U	Repair parts. Special Tools and Teat Equipment specifically selected for salvage by reclamation units because of precious metal content, critical materials, high dollar value or reusable casings or castings.

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

c. Description. Indicates the Federal item name and any additional description of the item required. Assembly components and subassemblies are indented under major assemblies. The abbreviation "w / e" when used as part of the nomenclature. indicates the Federal stock numher, includes all arm amen t, 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 kits and sets are shown in front of the repair part name. 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, as used upon which the allowances are based. e.g., ft., ea.. pr-., etc.

e. (Quantity Incorporated in Unit. Indicates the quantity of the item used in 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. Fifteen-Day Organizational Maintenance

(1) Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The allowance columns are divided into four subcolumns. Indicated in each subcolumn is the total quantity of special tools authorized for the number of equipments supported. No quantitive allowances are listed in these columns for repair parts.

g. Thirty-Day DS / GS Maintenance Allowance

(1) Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The allowance columns are divided into three subcolumns. The quantitative allowance of special tools for DS / G5 levels of maintenance will represent initial stockage for a 30-day period for the number of equipments supported. No quantitative allowances are listed in these columns for repair parts.

h. One-Year Allowances Per 100 Equipments.

(1) Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) This column indicates the total quantity of special tools required for distribution and contingency planning purposes. NO total quantities are listed in this column for repair parts.

i. Illustration. This column is divided as follows:

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

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

4. Special Information

a. Parts which require manufacture or assembly of a maintenance level higher than that authorized for installation will indicate in the source column the higher maintenance level.

b. The following publications pertain to the heater and its components:

TM 10-4520-201-14	Organizational. Direct and General Support Maintenance Manual
TM 5-2805-256-14	operator, Organizational. Direct and General Support Maintenance Manual (MIL-STD Engine)
TM 5-2805-256-24P	Organizational, Direct and General Support Maintenance Repair Parts List (MIL-STD Engine)

c. The same illustrations are used to illustrate the repair parts and special tools listed in both organizational maintenance section and direct and general support and depot maintenance section.