
TECHNICAL MANUAL

**Organizational, Intermediate (Field)
(Direct and General Support) and Depot Maintenance
Repair Parts and Special Tools List**

**GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL
SKID MTD., 500 KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS**

<u>DOD MODEL</u>	<u>CLASS</u>	<u>HERTZ</u>	<u>NSN</u>
MEP-029A	UTILITY	50/60	6115-01-030-6085
MEP-029B	UTILITY	50/60	6115-01-318-6302

INCLUDING OPTIONAL KITS

DOD MODELS	NOMENCLATURE	<u>NSN</u>
MEP-029AHK	HOUSING KIT	6115-01-070-7550
MEP-029ACM	AUTOMATIC CONTROL MODULE	6115-01-275-7912
MEP-029ARC	REMOTE CONTROL MODULE	6110-01-070-7553
MEP-029ACC	REMOTE CONTROL CABLE	6110-01-087-4127

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*This manual supersedes TM 5-6115-593-24P/NAVFAC P-8-631 -24P/TO-35C2-3-463-4, dated 21 September 1979, including all changes.

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WASHINGTON, D.C., 22 May 1991

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes, or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to <mpmt%avma28@st-louis-emh7.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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Change 1 i

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SECTION I. INTRODUCTION

1. **Scope.** This joint Army, Navy, Air Force and Marine Corps manual lists repair parts and special tools required for the performance of organizational, intermediate (field), direct and general support and depot maintenance of the generator set. The following paragraphs are keyed to applicable users. All users should read paragraph 4. Special information, prior to using this manual.

NOTE

Army) 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 710-2.

(Army) Organizational Maintenance personnel are to extract the maintenance coded "O" items they require from Section II. Column (2). Third and/or Fourth Position of the Direct and General Support Repair Parts and Special Tools List.

2. **General.** This Repair Parts and Special Tools List is divided into the following sections:

- a. (ALL) Repair Parts - Section II. A list of repair parts authorized for the performance of maintenance at the organizational, intermediate (field), direct support, general support and depot level in figure and item number sequence.
- b. (ALL) 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 organizational, intermediate (field), (direct support and general support) and depot level.
- c. National Stock Number and Reference Number Index - Section IV. A list of National stock numbers in numerical sequence, followed by a list of reference numbers

appearing in all the listings, in alphanumeric sequence, cross-referenced to the illustration figure number and item number.

- d. Reference Designator Index - Section V. Includes all assigned reference designators arranged in alpha-numeric order cross referenced to the figure and item number in Section II.

3. **Explanation of columns.** The following provides an explanation of columns in the tabular lists in Sections II and III.

- a. (ALL) Illustrations. (Column 1.) 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 number used to identify the item on the illustration.
- b. (ALL) Source, Maintenance, and Recoverability Codes (SMR). (Column 2.) Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the uniform SMR Code format.
- c. (USMC) Special Stockage Indicator Code and Replacement Factor. (Column 3.) This column reflects the condition under which certain maintenance parts, (parts assigned NSN's and coded in the "P" series source code of the SMR code), are stocked.
- d. (ALL) National Stock Number. (Column 4.) Indicates the National Stock Number assigned to the item and will be used for requisitioning purposes.

- e. (ALL) Description. (Column 5.) Indicates the Federal item name and any additional descriptions of the item required. The abbreviation "w/e" when used as part of the nomenclature, indicates that the National 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 manufacturer. If two reference numbers and Federal Supply Codes for manufacturer are listed, the first listing refers to the Department of Defense Drawing Number, the second listing refers to the actual part manufacturer. Items that are included in kits and sets are listed below the component or assembly to which they apply and the items comprising the kit are asterisked (*).
 - f. (ALL) Unit of Measure (U/M). (Column 6). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea. in. pr. etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.
 - g. (ALL) Quantity Incorporated in Unit. (Column 7). 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.)
 - h. (MC) Quantity Per Equipment. (Column 8). Indicates that consolidated quantity of a maintenance part used on an end item upon the part's first appearance in this publication.
- 4. Special Information.**
- a. (Army) Parts which require manufacture or assembly at a level higher than that authorized for installation will indicate in the source column, the higher level.
 - b. Stockage Information.
 - (1) Air Force stockage information is contained in Initial Supply Support Lists issued separately from this publication by Sacramento Air Logistics Center in accordance with AFM 67-1, part 1, chapter 12.
 - (2) Navy stockage objectives are contained in Consolidated Shipboard Allowance List as furnished separately from this publication by the Ship Parts Control Center.
 - (3) Marine Corps stockage information is contained in Marine Corps Change "A" type listings issued separate from this publication.
 - c. (ALL) Usable On Code. (Part of Column 5). Identification of Usable on Codes in this publication are as follows: