
T E C H N I C A L M A N U A L

ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS
WELDING MACHINE, ARC,
GENERATOR, GED, 300 AMP, DC
(LIBBY WELDING MODELS)
(MODEL LE-300) FSN 3431-810-9696
(MODEL LEW-300) FSN 3431-991-2961
(MODEL LEB-300) FSN 3431-072-0327

H E A D Q U A R T E R S , D E P A R T M E N T O F T H E A R M Y

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TECHNICAL MANUAL }
No. 5-3431-205-20P }

HEADQUARTERS
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***This manual supersedes TM 5-3431-205-20P, 5 February 1964, and applicable portions of TM 5-3431-215-25P, 9 August 1965, including all changes.**

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SECTION I INTRODUCTION

1. Scope

This manual lists repair parts required for the performance of organizational maintenance of the welding machine.

2. General

This repair parts and Special Tools list is divided into the following sections:

a. Prescribed Load Allowance (PLA) - Section II.

A composite listing of the repair parts, special tools, test and support equipment having quantitative allowances for initial stockage at the organizational level.

b. Repair Parts-Section III. A list of repair parts authorized for the performance of maintenance at the organizational level in figure and item number sequence.

c. Special Tools, Test and Support Equipment-Section IV. A list of special tools, test and support equipment authorized for the performance of maintenance at the organizational level. (Not applicable.)

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

NOTE: Items not illustrated are cross-referenced to page 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).

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

Code	Explanation
P	Repair parts which are stocked in or supplied from the GSA/DSA, or Army supply system and authorized for use at indicated maintenance categories.
P2	Repair parts 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 which are not procured or stocked, but are to be manufactured in indicated maintenance levels.

Code	Explanation
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 which are not preocured or stocked and the mortality of which normally is below that of the end item or component. The failure of such part or assembly should result in retirement of the end item from the supply system.
X1	Repair parts which are not procured or stocked. The requirement for such items will be filled by use of the next higher assembly or component.
X2	Repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain same through cannibalization. Where such repair parts are not obtainable through cannibalization, requirements will be requisitioned, with accompanying justification, through normal supply channels
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.

(2) Maintenance code indicates the lowest category 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 maintenance
O	Organizational maintenance

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

Code	Explanation
R	Repair parts and assemblies which are economically repairable at DSU and GSU activities and are normally furnished by supply on an exchange basis.
S	Repair parts and assemblies which are economically repairable at DSU and GSU activities and which are normally furnished by supply on an exchange basis. When items are determined by a GSV to be noneconomically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition.