

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LIST

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WELDING MACHINE, ARC: GENERATOR;
ELECTRIC MOTOR DRIVEN;
AC, 220V, 3PHASE, 60 HZ;
SINGLE OPERATOR; REMOTE CONTROL;
300 AMP DC ARC;
WHEEL MTD, 4 WHEELS, STEEL TIRES;
60 AMP AT 20V MIN, 375 AMP AT 40V MAC CURRENT
(LIBBY MODEL LA300)
FSN 3431-081-8059

HEADQUARTERS, DEPARTMENT OF THE ARMY
DECEMBER 1968

TECHNICAL MANUAL

HEADQUARTERS

DEPARTMENT OF THE ARMY

NO. 5-3431-207-20P

WASHINGTON, D. C., 23 December 1968

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Current as of 18 September 1968

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***This manual together with TM 5-3431-207-35P supersedes TM 5-3431-207-25P, 24 June 1963.**

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SECTION I INTRODUCTION

1. Scope

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

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) *Prescribed Load Allowance (PLA)-Section II.* A consolidated listing of repair parts quantitatively allocated for initial stockage at the organizational level. *This is (a mandatory stockage allowance).*
- (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 organizational level. Not Applicable.
- (3) *Repair Parts-Section IV.* A list of repair parts authorized for the performance of maintenance at the organizational level.
- (4) *Federal Stock Number and Reference Number Index-Section V.* A list of Federal stock numbers followed by reference numbers in ascending alphanumeric sequence, cross-referenced to index 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
P

Explanation

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.

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 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 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 procurement.

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