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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT, AND DEPOT

MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

WELDING MACHINE, ARC: GENERAL AND INSERT GAS

SHIELDED TRANSFORMER; 300 AMP; 5 TO 460

AMP AC: 5 TO 350 AMP DC (MILLER MODEL 330A/B/SP)

FSN 3431-114-0858



HEADQUARTERS, DEPARTMENT OF THE ARMY

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 WASHINGTON, D. C., 19 August 1970

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SECTION I.

INTRODUCTION

1. Scope

This manual lists repair parts, special tools, test and support equipment required for the performance of organizational, direct support, general support, and depot 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 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 for Organizational Maintenance-Section IV. Not applicable.

d. Repair Parts-Section V. 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.

e. Special Tools, Test and Support Equipment for DS and GS Maintenance-Section VI. Not applicable.

f. Federal Stock Number and Reference Number Index-Section VII. A list of Federal stock numbers in ascending numerical sequence, followed by a list of reference numbers appearing in all of the listings, in alpha-numeric sequence, cross-referenced to the illustration figure 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 through 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 this category.

(1) Source code indicates the selection status and source for the listed item. Source codes used 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.
M	Repair parts which are not procured or stocked, but are to be manufactured in indicated maintenance levels.
A	Assemblies which are not procured or 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 procured or stocked and the mortality of which normally is below that of the applicable 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 of 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 them 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 GS and DS level or returned to depot supply level.

(2) Maintenance code indicates the lowest category of maintenance authorized to install the listed item. The maintenance codes are: