ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS

WELDING SET, ARC, INERT GAS SHIELDED:

PLASTIC OR METAL LINED GUN;

FOR 3/64 IN. WIRE; DC, 115V.

(LINDE MODEL SWM-9-A)

FSN 3431-972-7672

HEADQUARTERS, DEPARTMENT OF THE ARMY
MAY 1970
ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

WELDING SET, ARC, INERT GAS SHIELDED: PLASTIC OR METAL LINED GUN; FOR 3/64 IN. WIRE; DC, 115 V.

(LINDE MODEL SWM-9-A)

FSN 3431-972-7672

Current as of 19 August 1969

SECTION I. INTRODUCTION

Scope .......................................................................................................................... 1
General .................................................................................................................. 2
Explanation of columns ......................................................................................... 3
Special information ............................................................................................... 4
How to locate repair parts .................................................................................... 5
Abbreviations ........................................................................................................... 6
Federal supply codes for manufacturers ............................................................... 7
Recommendations for maintenance manual improvements ............................... 8

II. PRESCRIBED LOAD ALLOWANCE

III. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT FOR ORGANIZATIONAL MAINTENANCE (NOT APPLICABLE)

IV. REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE

Group 22. Body Chassis or Hull and Accessory Items

2202 Accessory items .............................................................................................. 1
2210 Data plates ..................................................................................................... 1

44. Welding equipment

4407 Control panels, housing ................................................................................. 1
4408 Connecting devices ......................................................................................... 2
4409 Protective devices, electrical ......................................................................... 3
4410 Switching, timing and speed control ............................................................. 9
4411 Resistor components ...................................................................................... 9
4413 Rectifier components ..................................................................................... 13
4415 Head, torch and gun unitized components ..................................................... 13

47. Gages (Non-electrical) Weighing and Measuring Devices

4702 Gages ............................................................................................................. 17
4705 Flow meters and regulations ......................................................................... 17

95. General Use Standardized Parts

9501 Bulk material ................................................................................................. 19

99. Parts Peculiar

9901 Multi-listed parts ........................................................................................... 20

SECTION V. FEDERAL STOCK NUMBER AND REFERENCE NUMBER INDEX

SECTION I
INTRODUCTION

1. Scope
This manual lists repair parts required for the performance of organizational maintenance of the welding set.

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 alpha-numeric sequence, cross-reference 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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>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.</td>
</tr>
<tr>
<td>M</td>
<td>Applied to repair parts which are not procured or stocked but are to be manufactured at indicated maintenance categories.</td>
</tr>
<tr>
<td>A</td>
<td>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.</td>
</tr>
<tr>
<td>X</td>
<td>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.</td>
</tr>
<tr>
<td>X1</td>
<td>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.</td>
</tr>
<tr>
<td>X2</td>
<td>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.</td>
</tr>
<tr>
<td>G</td>
<td>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.</td>
</tr>
</tbody>
</table>

Note. Source code is not shown on common hardware items known to be readily available in Army supply channels and through local procurement.

   b. Maintenance code indicates the lowest category of maintenance authorized to install the listed item. The maintenance level code is:

<table>
<thead>
<tr>
<th>Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>Organizational Maintenance</td>
</tr>
</tbody>
</table>