

TM 5-3431-204-20P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOL LISTS

WELDING MACHINE, ARC: GENERATOR; GASOLINE
ENGINE DRIVEN; SINGLE OPERATOR; REMOTE CONTROL;
300 AMP, DC, ARC; SKID MTD; 60 AMP AT 20 V MIN,
375 AMP AT 40 V MAX CURRENT; DC 115 V, 3 KW
AUXILIARY POWER: MIL SPEC W-13768 (HOBART
MODELS) (HOBART MODEL GH-3153)
FSN 3431-351-9209
(HOBART MODEL GH-3153-S)
FSN 3431-239-8186

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DEPARTMENT OF THE ARMY
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ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LISTS
WELDING MACHINE, ARC: GENERATOR; GASOLINE ENGINE DRIVEN; SINGLE
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*** This manual supersedes so much of Department of the Army Supply Manual ENG 7 & 8-5131. 19 October 1954, including C2, 14 July 1959.**

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SECTION I
INTRODUCTION

1. General

a. This manual lists the special tools and quantities of repair parts authorized and required to be stocked by organizational maintenance echelons as their prescribed load. Repair parts not authorized for stockage but which maybe required to perform maintenance of the equipment are listed with no quantities shown. Information and data shown herein serve as requisitioning reference material, and as a guide to determine quantities of repair parts required for stockage.

b. Price information for stock-type repair parts may be obtained from applicable Department of the Army type 2-series supply manuals.

c. Repair parts lists are arranged as follows:

- (1) Individual parts and major assemblies are listed alphabetically by item name w i t h i n the numbered functional groups.
- (2) Assembly components and subassemblies are indented and listed alphabetically by item name under major assemblies.
- (3) Bulk material and parts peculiar with more than one application are listed in either functional group 9501 or 9901.

d. Allowances are based on 1,500 hours operation per year.

e. Parts applicable to specific engines, serial number ranges, or models of this end item are indicated by a letter symbol in the description column, following the nomenclature. The symbols apply as follows:

- (A) Applies to Hobart Welding Machine Model GH-3153 W/Chrysler Model IND5A435 Engine.
- (B) Applies to Hobart Welding Machine Model GR--3153S W/Chrysler Model IND7A2M Engine.

Parts not symbolized or annotated are applicable to all end items.

2. Explanation of Repair Parts, Tool lists, and Prescribed load listing (Table I),

a. Source Codes. This column is subdivided into four columns. The titles and information provided in each column are as follows:

- (1) *Technical service.* This column lists either the basic number of the technical service or code symbol of the supply center assigned supply responsibility for the part. Those spaces left blank denote Corps of Engineers supply responsibility. General Engineer supply parts are identified by the letters "GE" in parentheses, following the nomenclature in the description column. Other technical service basic numbers or supply center code symbols are:

- 3—Chemical Corps
- 9—Ordnance Corps
- 10—Quartermaster Corps
- 11—Signal Corps
- 55—Transportation Corps

- (2) *Source.* The selection status and source of supply for each part are indicated by one of the following code symbols:
 - (a) P—applied to high-mortality repair parts which are stocked in or supplied from the technical service depot system and authorized for use at indicated maintenance echelons.
 - (b) P1—applied to repair parts which are low-mortality parts, stocked in or supplied from technical service depots, and authorized for installation at indicated maintenance echelons.
 - (c) M—applied to repair parts which are not procured or stocked but are to be manufactured at indicated maintenance echelons.
 - (d) A—applied to assemblies which are not procured or stocked as such but made up of two or more units, each