

TM 5-3431-204-35P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

FIELD AND DEPOT 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 20V
MIN, 375 AMP AT 40V MAX CURRENT; DC
115V, 3 KW AUXILIARY POWER; MIL SPEC
W-13768 (HOBART MODELS) (HOBART MODEL
GH-3153) FSN 3431-351-9209
(HOBART MODEL GR-3153-S) FSN 3431-239-8186



HEADQUARTERS, DEPARTMENT OF THE ARMY

JANUARY 1963

TECHNICAL MANUAL }
No. 5-3431-204-35P }

HEADQUARTERS,
DEPARTMENT OF THE ARMY
WASHINGTON 25, D.C., 29 January 1963

Field and Depot Maintenance Repair Parts and Special Tool Lists

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

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*** This manual, together with TM 5-3431-204-20P, 29 January 1963, supersedes 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 repair parts and special tools for field and depot maintenance. It indicates the guide quantity factors to be used for initial repair parts stockage by field maintenance (3d and 4th echelons), and recommends quantities of repair parts for depot maintenance (5th echelon). Information and data contained herein serve as requisitioning reference material, and as a guide to determine stockage quantities of repair parts.

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 within the 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 and Tool Lists

a. *Source Codes.* This column is subdivided into four columns 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. The blank spaces 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:

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 of which carry individual stock numbers and descriptions and are