

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL, DS, GS, AND DEPOT MAINTENANCE MANUAL INCLUDING REPAIR

PARTS AND SPECIAL TOOLS LIST

GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN, TRAILER MOUNTED

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PU-236B/G, FSN 6115-738-6334
PU-253A/U, PU-253/U, FSN 6115-697-2402
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PU-332A/G, FSN 6115-738-8336
PU-375A/G, PU-375/G, FSN 6115-753-2231
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PU-551/G, FSN 6115-889-1307
PU-564A/G, FSN 6115-728-6341
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PU-618/M, FSN 6115-738-6337
PU-619/M, FSN 6115-738-6339
PU-620/M, FSN 6115-738-6340
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**Operator, Organizational, Direct Support, General Support and
Depot Maintenance Manual
Including Repair Parts and Special Tools List**

**GENERATOR SETS, GASOLINE AND DIESEL ENGINE DRIVEN,
TRAILER MOUNTED**

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PU-409A/M, NSN 6115-00-738-6338

PU-495/G, NSN 6115-00-823-2218

PU-551/G, NSN 6115-00-889-1307

PU-564A/G, NSN 6115-00-738-6341

PU-564B/G, NSN 6115-00-179-2789

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PU-619/M, NSN 6115-00-738-6339

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual is published for the use of personnel to whom the trailer-mounted generator sets, described in chapters 2 through 20, are issued.

b. Each individual PU generator set is assigned a chapter. The assigned chapter provides information on setting-up, operation, and maintenance of ancillary equipment (components and accessories that are peculiar to each individual PU set).

c. The appropriate technical manuals published for the trailer, generator, and engine peculiar to each PU generator set are referenced in each chapter and these manuals must be used to supplement the information in this manual.

Note

Sets such as PU-618/M and PU-620/M, which have only minor differences, are covered in the same chapter.

1-2. Forms and Records

a. DA Forms and records used for equipment maintenance will be only those prescribed in DA PAM 738-750.

b. Reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commander, US Army Troop Support, Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120-1798.

1-3. External Fuel Tank Connections

a. Attach the auxiliary fuel hose from the auxiliary fuel tank to the three-way gate valve so that fuel may be drawn from the auxiliary tank, by turning valve to auxiliary, and the primary tank may be refueled away from the generator.

b. Keep fuel tanks, as near as possible, on the same plane as base of engine.

c. When starting engine at subzero temperature, fuel should be drawn from the nearest tank. When normal engine operating temperature has been reached, fuel may be drawn from auxiliary tank.

Section II. REPAIR PARTS

1-4. Scope

This manual lists repair parts required for the performance of organizational, direct support, general support, and depot maintenance of the generator sets.

1-5. 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 List is divided into the following parts:

(1) *Repair parts part I.* A list of repair parts authorized for the performance of maintenance at the organizational level. The *Prescribed Load Allowance (PLA)* is those repair parts quantitatively allocated to organizational level in the repair parts list. These items are the mandatory minimum stockage allowances.

(2) *Repair parts part II.* A list of repair parts authorized for the performance