

TM 9-4910-663-12

TECHNICAL MANUAL

**OPERATOR'S AND ORGANIZATIONAL MAINTENANCE MANUAL
TEST STAND, AUTOMOTIVE GENERATOR, ALTERNATOR,
STARTER AND ASSOCIATED EQUIPMENT
MODEL GASR-500, PART NUMBER 7458-2
(NSN 4910-01-041-8161)**

HEADQUARTERS, DEPARTMENT OF THE ARMY

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MODEL GASR-500

PART NUMBER 7458-2 (4910-01-041-8161)

PART NUMBER 7458-4 (4910-00-767-0218)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Armament, Munitions, and Chemical Command, ATTN:AMSMC-MAS, Rock Island, IL 61299-6000. A reply will be furnished to you.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. SCOPE. These instructions are for your use as the operator and organizational maintenance personnel. They apply to the Automotive Generator, Alternator, Starter Test Stand, Model GASR-500, herein referred to as the test stand. Unless otherwise stated, the instructions are applicable to both part numbers covered in this manual.

1-2. MAINTENANCE FORMS AND RECORDS. Maintenance forms, records, and reports that you are required to use are explained in DA PAM 738-750.

1-3. ADMINISTRATIVE STORAGE. The test stand may be placed in administrative storage for a short period of time as authorized by your commanding officer IAW guidance furnished by AR 750-1. Before placing the stand in administrative storage, current maintenance services, shortcomings, and deficiencies should be corrected and all modification work orders (MWOs) should be applied. Storage shall be in a reamer consistent with accepted safety practices and operational requirements.

a. Storage Site. Storage shall be in a covered location free from outside elements such as rain, snow, sand, or dirt. The floor should be a level, hard surface; e.g., wood or concrete.

b. Storage Plan.

(1) Storage shall provide maximum protection from the elements and provide access for inspection and maintenance. Environmental extremes also must be taken into consideration.

(2) The preferable method of storage is to disconnect the stand from power and enclose it in a crate, conex, or similar container which would provide protection from bumping and jarring when nearby equipment is moved. However, as a minimum, power shall be disconnected, and a protective covering shall be provided to protect the stand from dust and excessive moisture.

(3) Storage shall be in a location which will be secure, free from pilferage, tampering, and unauthorized access.

(4) The container or covering enclosing the stand shall be marked so as to readily identify the contents. As a minimum, the NSN and nomenclature shall be clearly marked in locations which are highly visible.

(5) The storage area must have an adequate fire plan and fire-fighting equipment.