TM 9-2330-287-14&P

TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

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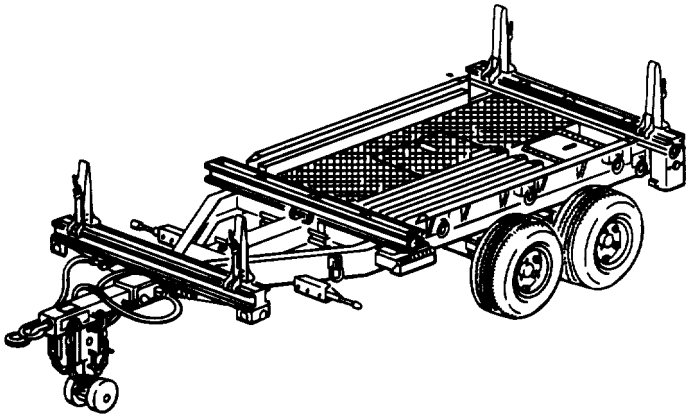

TRAILER, BOLSTER: 4-TON, 4-WHEEL, GENERAL PURPOSE M796 (NSN 2330-00-089-3866) AND M796A1 (NSN 2330-01-137-5116)

HEADQUARTERS, DEPARTMENT OF THE ARMY

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Operator's, Organizational,
Direct Support, and General Support
Maintenance Manual
(Including Repair Parts and Special Tools List)

TRAILER, BOLSTER:
4-TON, 4-WHEEL,
GENERAL PURPOSE
M796 (NSN 2330-00-089-3866)
AND
M796A1 (NSN 2330-01-137-5116)

Current as of 20 July 1989

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 the back of this manual, direct to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

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HOW TO USE THIS MANUAL

This manual is designed to help you operate and maintain the bolster trailer. The front cover table of contents is provided for quick reference to important information. There is also an index located in the final pages for use in locating specific items of information.

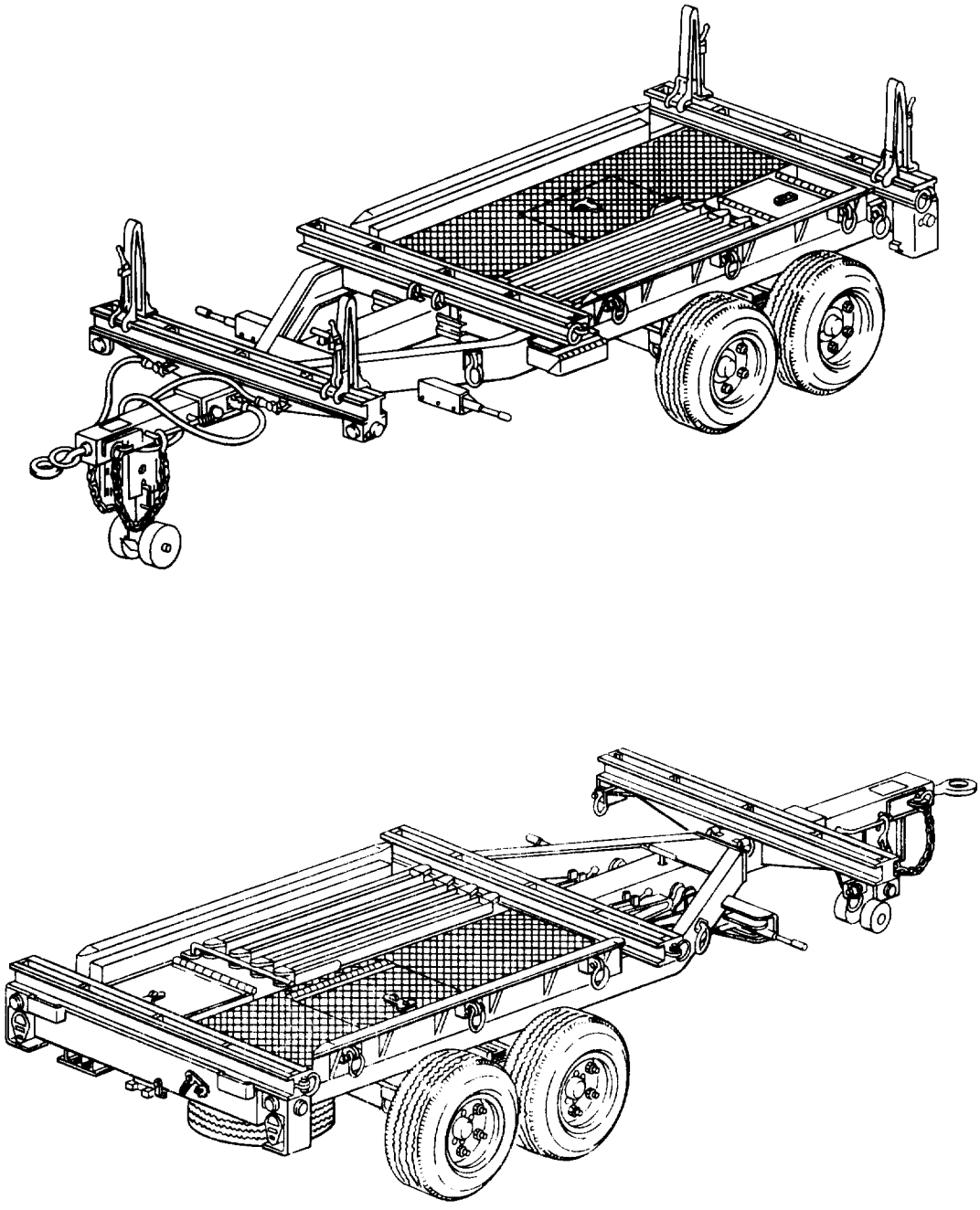
Measurements in this manual are given in both US standard and metric units. A metric to US standard conversion chart can be found on the inside back cover.

Read all preliminary information found at the beginning of each task. It has important information and safety instructions you must follow before beginning the task.

Warning pages are located in the front of this manual. You should read the warnings before operating or doing maintenance on the equipment.

A subject index appears at the beginning of each chapter listing sections that are included in that chapter. A more specific subject index is located at the beginning of each section to help you find the exact paragraph you are looking for.

This manual covers two different models. Applicable model numbers will be listed in paragraph titles. If paragraphs are applicable to both models, model numbers will not be listed.



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CHAPTER 1

INTRODUCTION

OVERVIEW

The purpose of this chapter is to give you information on the bolster trailer chassis size, shape, major equipment, and how it works.

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Section I. GENERAL INFORMATION

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SCOPE

Type of Manual: Operator's, Organizational, Direct Support, and General Support Maintenance Manual (including Repair Parts and Special Tools List).

Equipment Name: M796 and M796A1 4-Ton, 4. Wheel, General Purpose Bolster Trailer.

Purpose of Equipment: The trailer is used to transport invasion pipes. The trailer can be used over unimproved roads as well as improved roads.

MAINTENANCE FORMS AND RECORDS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System (TAMMS).

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Refer to TM 750-244-6, Procedures for Destruction of Tank-Automotive Equipment to Prevent Enemy Use (US Army Tank-Automotive Command).

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR)

If your trailer needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Tank-Automotive Command, Attn: DRSTA-MP, Warren, MI 48090. We will send you a reply.

Section II. EQUIPMENT DESCRIPTION AND DATA

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EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES

CHARACTERISTICS

Extendable open-frame chassis with bolster supports

May be towed by 5-ton M39 series truck or similar vehicle

Has tandem axle with four wheels

Has air-operated hydraulic brake system

Has 24-volt electrical system

Has retractable landing gear at front of trailer

Has spare wheel located under right rear of trailer

CAPABILITIES AND FEATURES

Payload	8000 lb (3632 kg)
Speed Limits	
Highway	50 mph (80 km/h)
Unimproved road	10 mph (16 km/h)
Cross-country	10 mph (16 km/h)

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS

LANDING GEAR

A manually operated landing gear supports the front of the trailer when not coupled.

It has a handcrank and gearbox that raise and lower the landing gear.

It has lockpins that lock the landing gear In up or down position.