

TECHNICAL MANUAL

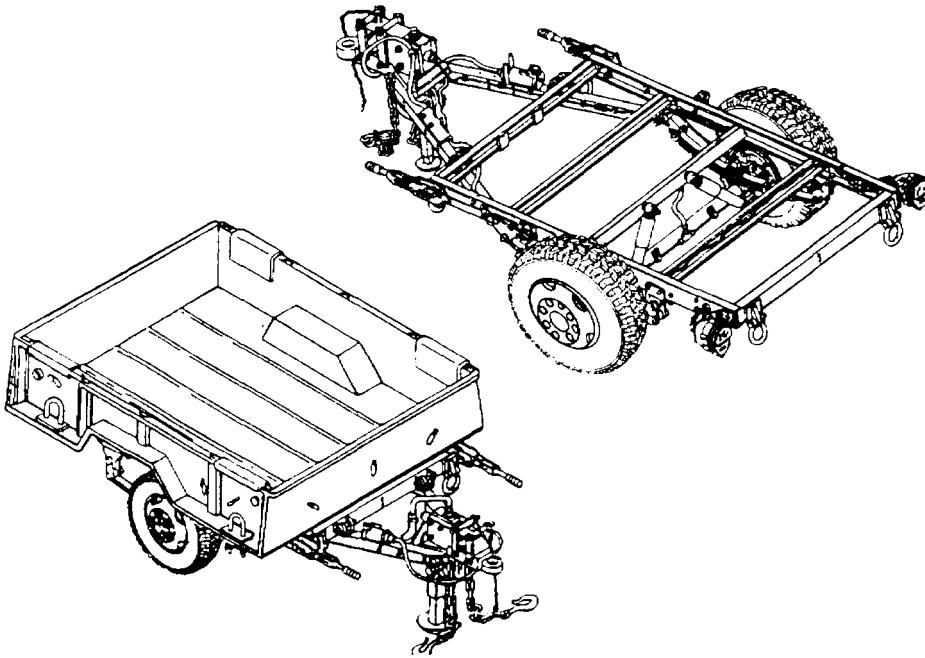
**OPERATOR'S, UNIT, DIRECT SUPPORT, AND
GENERAL SUPPORT MAINTENANCE MANUAL (INCLUDING
REPAIR PARTS AND SPECIAL TOOLS LIST)**

FOR

**TRAILER, CARGO, 3/4-TON, 2-WHEEL
M101 A2 (2330-01-102-4697)
M101 OIA3 (2330-01-372-5641)**

**TRAILER, CHASSIS, 3/4-TON, 2-WHEEL
M116A2 (2330-01-101-8434)
M116A2E1 (2330-01-333-9773)**

**TRAILER, CHASSIS, 1-TON, 2-WHEEL
M116A3 (2330-01-359-0080)**



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TECHNICAL MANUAL
NO. 9-2330-202-14&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington D.C., 12 May 1997

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MI 116A3 (2330-01-359-0080)**

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, directly to: Commander, U.S. Army Tank-automotive and Armaments Command, ATTN: AMSTA-IM-OPIT, Warren, MI 48397-5000. A reply will be furnished to you.

You may also provide DA Form 2028-2 information to TACOM via datafax or e-mail:

- TACOM's fax number is DSN 786-6323 or (810) 574-6323
- TACOM's e-mail address is amsta-mmaa@cc.tacom.army.mil

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HOW TO USE THIS MANUAL

SCOPE.

This technical manual provides you with the information you will need to operate and maintain the M101 Series and M116 Series trailers.

The information contained in this manual is presented in five chapters and nine appendixes, one of which is a repair parts and special tools list (RPSTL). Each chapter is divided into sections covering operating procedures and/or other information for specific systems or components.

Note that Appendix A of this manual gives the full title of every manual, form, pamphlet, or other document referenced in this manual.

INDEXING.

Four indexing procedures are used to help you locate information quickly:

- Cover index. Lists chapter titles and important parts of the manual, with corresponding page numbers. Each chapter or part listed is boxed in, with a black outer edge that is in line with the first page of that chapter or part.
- Table of contents. The table of contents, which follows the summary of warnings, lists all chapters and sections numerically, with corresponding page numbers.
- Section indexes. Each section starts with a numerical listing of all paragraphs in that section.
- Alphabetical index. The alphabetically arranged subject index starts on page Index-1.

WARNINGS, CAUTIONS, AND NOTES.

You must read and understand this manual BEFORE operating the M101 Series and M116 Series trailers.

Throughout this manual you will see WARNING, CAUTION, and NOTE headings. There are good reasons for every one of these notices.

WARNING

A **WARNING** is used to alert the user to hazardous operating and maintenance procedures, practices, or conditions that could result in injury or death. **WARNINGS** must be strictly observed.

CAUTION

A **CAUTION** is used to alert the user to hazardous operating and maintenance procedures, practices, or conditions that could result in damage to, or destruction of, equipment or mission effectiveness. **CAUTIONS** must be strictly observed.

WARNINGS, CAUTIONS, AND NOTES (continued).

NOTE

A NOTE highlights an essential operating or maintenance procedure, condition, or statement.

WARNINGS and CAUTIONS appear immediately preceding the step to which they pertain. It is important to read and thoroughly understand the WARNINGS and/or CAUTIONS before beginning maintenance.

NOTES may precede or follow the steps to which they pertain, depending on what makes the most sense.

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**CHAPTER 1
INTRODUCTION**

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1-1. SCOPE.

- a. This manual describes Operator's, Unit, Direct Support, and General Support maintenance and contains the repair parts and special tools list for the following:
- Trailer, Cargo: 3/4-Ton, 2-Wheel, M101A2 and M101A3;
 - Trailer, Chassis: 3/4-Ton, 2-Wheel, M116A2 and M116A2E1; and
 - Trailer, Chassis: 1-Ton, 2-Wheel, M116A3.
- b. All M101 Series cargo trailers use the M116 Series chassis.
- c. Throughout this manual, the terms "curb side" and "road side" are used to describe views of the trailer. As viewed from the rear, curb side is the right side and road side is the left side.
- d. The trailers are used to carry payloads over highway or cross-country.

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS.

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, The Army Maintenance Management System (TAMMS).

1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE.

Refer to TM 750-244-6 for procedures on the destruction of military vehicles to prevent enemy use.

1-4. PREPARATION FOR STORAGE OR SHIPMENT.

For information on preparing the trailers for storage or shipment, refer to Chapter 4, Section XV.