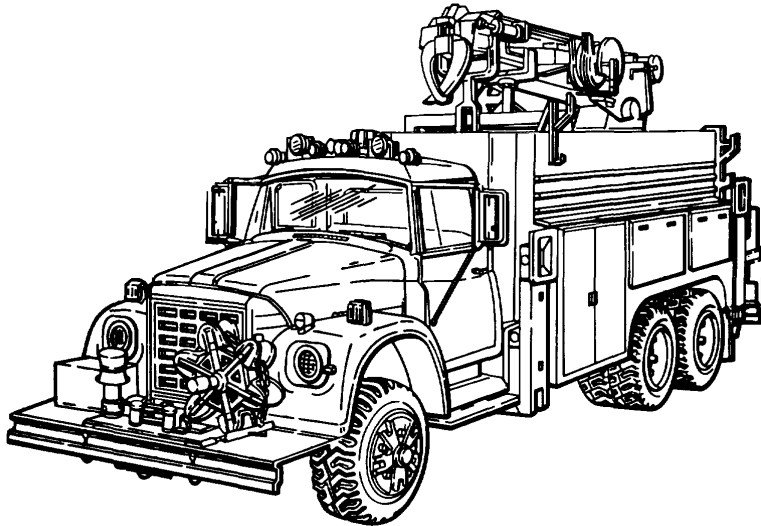


TECHNICAL MANUAL

Volume 1 of 2

ORGANIZATIONAL MAINTENANCE MANUAL



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**TRUCK, TELEPHONE MAINTENANCE,
UTILITY, C/S, 36,000 GVW, 6 x 4, WIWN
WIE, M876 (NSN 2320-00-000-0114)**

DEPARTMENT OF THE ARMY

4 JUNE 1985

TECHNICAL MANUAL

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 4 JUNE 1985

NO. 92320-269-20-1

ORGANIZATIONAL MAINTENANCE MANUAL**TRUCK, TELEPHONE MAINTENANCE,
UTILITY, CIS 36,000 GVW, 6 X 4, WIWN,
WIE M876 (NSN 2320-00-000-0114)****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-M B, Warren, Michigan 48397-5000. A reply will be sent to you.

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*This manual together with TM 9-2320-269-20-2, 4 June 1985 supersedes TM 9-2320-269-20, 16 December 1977.

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HOW TO USE THIS MANUAL

1. MANUAL OVERVIEW

This manual provides Organizational Maintenance, troubleshooting, and maintenance information.

This manual is written with several important features to make it as useful as possible:

- a. Cover index for quick access to needed sections.
- b. General Maintenance Instructions which give useful information to the novice and prevent the need for routine tasks to be repeated throughout the manual.
- c. Troubleshooting and maintenance procedures are written in tasks, each conforming to some system or assembly. These tasks appear in roughly the same order that the systems or assemblies appear in the RPSTL (Repair Parts and Special Tools Lists) for easy cross-referencing.
- d. An alphabetical index at the beginning of each section and a subject index at the end of the manual provide easy access to information.
- e. RPSTL names for parts and systems have been used whenever practical to aid in cross-referencing between the RPSTL and the manual. Adjectives have been added when necessary, to further clarify one part or system from another.
- f. Maintenance procedures are in a three column step-by-step format to minimize the number of words used and allow you to do each task without having to look up needed information.
- g. Tools, parts, materials, and equipment conditions are listed at the beginning of each task allowing you to gather all the things you need before starting the task. These listings will save you the time and trouble of having to stop and get something in the middle of what you are doing.
- h. Troubleshooting procedures take you from the most probable and easiest to repair faults to the least likely and most difficult to repair faults.
- i. Routine repair and maintenance services are listed in table format under Preventive Maintenance Checks and Services (PMCS).

2. USING THE MANUAL

This manual is designed for easy use. For routine periodic maintenance, go to the Preventive Maintenance Checks and Services (PMCS). When you need to repair a malfunction:

- a. Find the malfunction in the Symptom Index.
- b. Go to Organizational Troubleshooting for the malfunction, and locate the defective assembly and the repair or replacement task needed to fix it.

2. USING THE MANUAL - CONTINUED

- c. There are two ways to find the maintenance procedure you need. Either look up the name of the defective assembly in the Index, or find the system it is in in the Table of Contents. Then go to the first page of the section for that system, and use the alphabetical index to find the assembly that needs repair or replacement.
- d. Go to the task for the assembly that needs repair or replacement.
- e. Refer to the heading This Task Covers for the procedure you need within that task.
- f. Look under the heading Equipment Condition and see what other tasks must be performed before starting the main task.
- g. Before beginning, familiarize yourself with both the main task under Equipment Condition and any General Maintenance Instructions referenced in the task. You should review the entire task before beginning the maintenance task.
- h. Gather tools and materials listed in the Initial Setup as well as the actual part, if you have determined it must be replaced.
- i. Make sure an assistant is available if more than one person is called for in the Initial Setup.
- j. Do the maintenance work as instructed in the task. These procedures have been carefully checked so you can use them with confidence.
- k. Always observe the WARNINGS in each procedure and general WARNINGS in the front of this manual. They are included for your protection.
- l. Observe all CAUTIONS to prevent damage to equipment.
- m. When you finish each task, operate that part as described in TM 9-2320-269-10 to be sure you have made an effective repair.

If the malfunction is obvious, skip steps a and b.

CHAPTER 1

INTRODUCTION

OVERVIEW

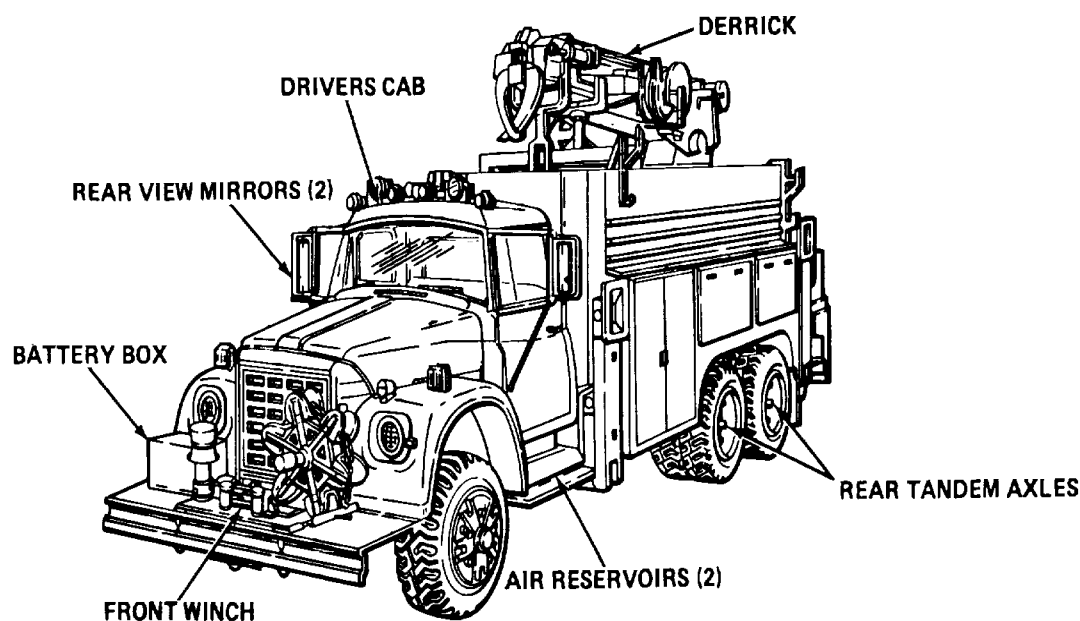
The purpose of this chapter is to give you information on what you need to know in performing organizational maintenance on the M876 Telephone Maintenance Truck.

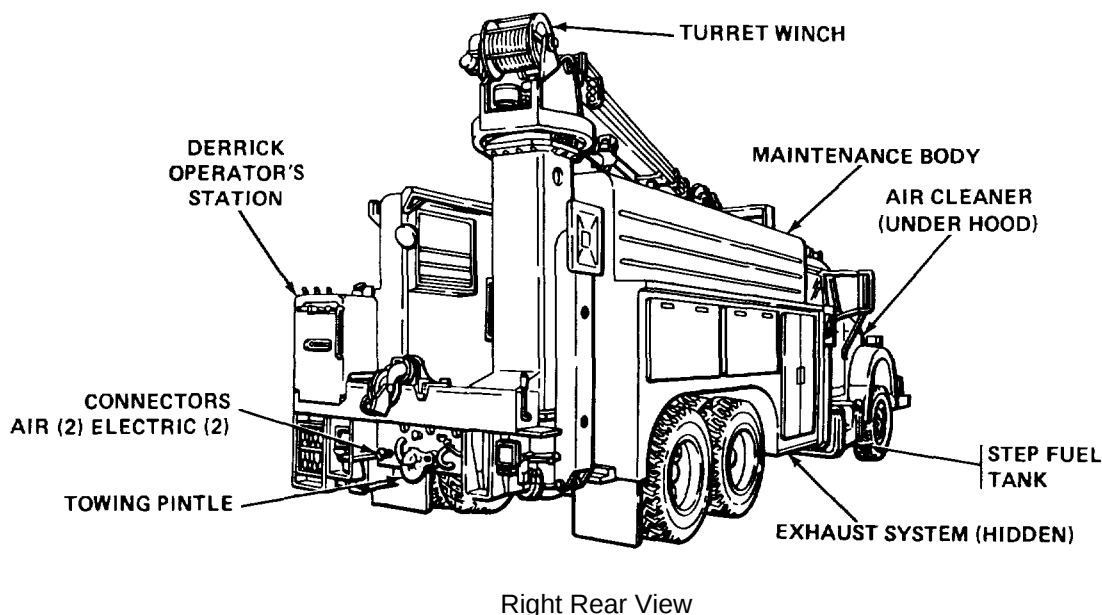
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Section I. GENERAL INFORMATION

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The following shows some of the features and components of the M876 Telephone Maintenance Truck you will be using during Organizational Maintenance procedures. Throughout this manual it will be called the M876 Truck. The complete nomenclature will be used in reporting information requirements.





SCOPE

Type of Manual: Organizational Maintenance Manual. Model Number and Equipment Name: M876 Truck, Telephone, Maintenance, Utility. Purpose of Equipment: Support, maintain telephone/power lines, cable system installation, lighting installation worldwide.

MAINTENANCE FORMS AND RECORDS

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

EQUIPMENT IMPROVEMENT REPORT AND MAINTENANCE DIGEST (EIR MD)

The quarterly Equipment Improvement Report and Maintenance Digest, TB 43-0001-39 series, contains valuable field information on the equipment covered in this manual. The information in the TB 43-001-39 series is compiled from some of the Equipment Improvement Reports that you prepared on the vehicles covered in this manual. Many of these articles result from comments, suggestions, and improvement recommendations that you submitted to the EIR program. The TB 43-0001-39 series contains information on equipment improvements, minor alterations, proposed Modification Work Orders (MWO's), warranties (if applicable), actions taken on some of your DA Form 2028's (Recommended Changes to Publications), and advance information on proposed changes that may affect this manual. The information will help you in doing your job better and will help in keeping you advised of the latest changes to this manual. Also refer to DA PAM 310-11, Consolidated Index of Army Publications and Blank forms, and Appendix A, References, of this manual.

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Refer to TM 750-244-3 for instructions on the destruction of Army materiel to prevent enemy use.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR'S)

If your M876 Truck 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 us at: Commander, US Army Tank-Automotive Command, ATTN: AMSTA-MP, Warren, Michigan, 48090. We'll send you a reply.

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