TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL

TOPOGRAPHIC SUPPORT SYSTEM TRAILER (ADCOR) NSN: 2330-01-076-4797

This copy is a reprint which includes current pages fran Change 1.

HEADQUARTERS, DEPARTMENT OF THE ARMY
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OPERATORS, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL

CHASSIS, SEMITRAILER

REPORTING OF ERRORS

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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Forms 2028-2, located in the back of this manual, direct to: Commander, Troop Support and Aviation Materiel Readiness Command, ATTN: DRSTS-tlPSD, 4300 Goodfellow Blvd, St Louis, MO 63120. A reply will be furnished to you.

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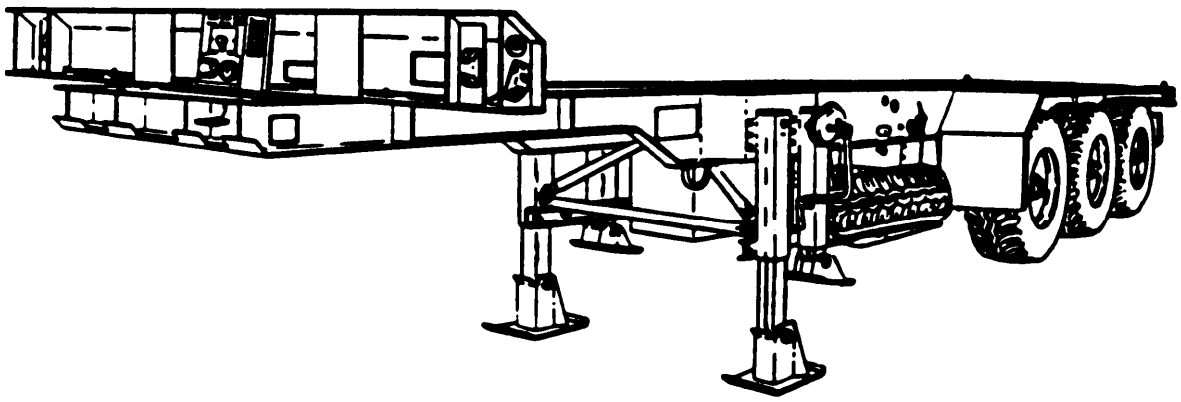


CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

1.1.1 SCOPE. This manual contains operation and maintenance instructions to be performed at Operator, Organizational, and Direct/General Support maintenance levels. These instructions pertain to the ADCOR 13225E3025 Semttratler Chassis. The trailer provides for the support, retention and transportation of a standard 30 ft (9000 mm) van body.

1.1.2 MAINTENANCE FORMS AND RECORDS. Maintenance forms and records that are required are as follows:

DA Form 2404 Equipment Inspection and Maintenance worksheet

DA Form 2407 Maintenance Request Used for Requesting Support Maintenance

For further information, refer to TM 38-750, The Army Maintenance Management System (TAMMS).

1.1.3 REPORTING EQUIPMENT IMPROVEMENTS (EIR's). If the trailer manual needs improvement, let us know. Send us an EIR You, the user, are the only one who can tell us what you do not like about your equipment. Let us know why you do not like the design or performance. Put it on an SF-368 (Quality Deficiency Report). Mail it to us at: Troop Support and Aviation Material Readiness Command, ATTN: DRSTS-HEH, 4300 Goodfellow Blvd, St Louis, MO 63120. We will send you a reply.

1.1.4 WARRANTY INFORMATION. This trailer has no items under warranty.

Section II. EQUIPMENT DESCRIPTION AND DATA

12.1 EQUIPMENT PURPOSE, CAPABILITIES, AND FEATURES

Purpose

Provide a means of supporting, retaining and transporting a standard 30 ft (9000 mm) van body over primary highways, secondary roads, open fields, rolling hills and rough, off-road terrain.

Capabilities and Features

All-weather operational.

Independent corner leveling jacks for all parking surface applications.

After spring suspension for a soft, level ride under all conditions.

Heavy-duty shock absorbers which promote longer tire life and smoother ride.

Automatic ride height control maintaining trailer frame-to-axle clearance with varying loads.

Emergency air brake system.

Positive van body-to-trailer bayonet-type twist locks.

Hubodometer for accurate mileage recording.

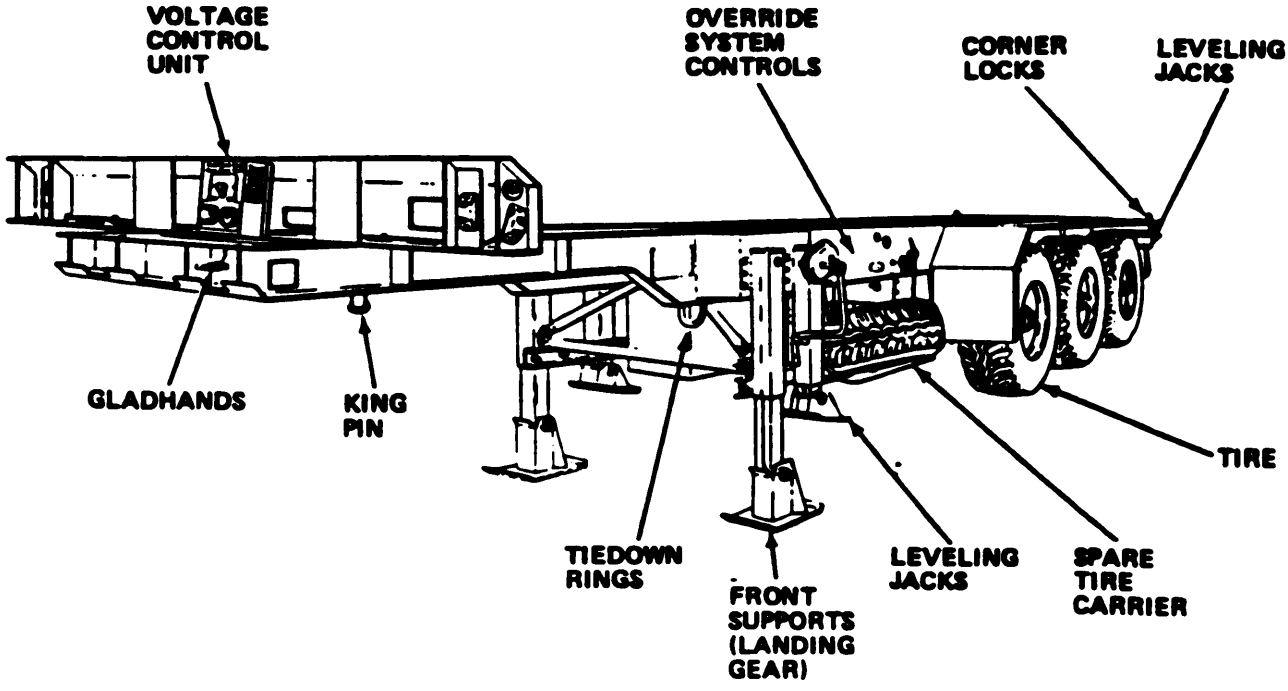
Spacious tool compartment.

Tri-axle suspension with high flotation, tubeless tires.

High yield point, all welded steel construction frame.

Automatic brake adjusters.

Air and sea transportable.

1.2.2 LOCATION AND DESCRIPTION OF MAJOR COMPONENTS

1.2.2.1 FRONT AND ROADSIDE