

TM 9-2330-359-14&P

TECHNICAL MANUAL

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

FOR

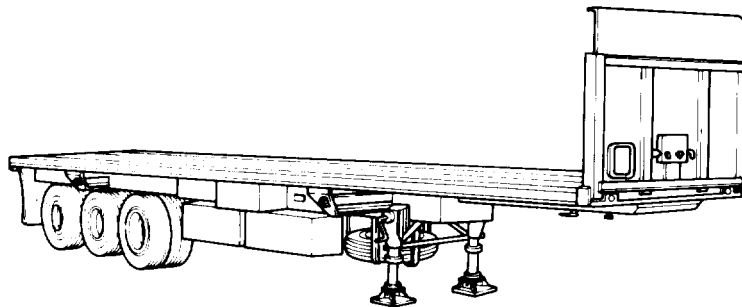
SEMITRAILER, FLATBED: BREAKBULK/CONTAINER
TRANSPORTER, 34 TON

M872 (THEURER GREENVILLE CORP.
AND SOUTHWEST TRUCK BODY CO.)
(NSN 2330-01-039-8095)

M872A1 (THEURER GREENVILLE CORP.
AND HELLER CORP.)
(NSN 2330-01-109-8006)

M872A2 (THEURER GREENVILLE CORP.
AND HELLER CORP.)
(NSN 2330-01-119-5837)

M872A3 (SOUTHWEST TRUCK BODY CO.)
(NSN 2330-01-142-1385)



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This manual supersedes TM 9-2330-359-14&P, dated 30 June 1978, and all changes.

Approved for public release: distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY

AUGUST 1991

TECHNICAL MANUAL
TM 9-2330-359-14&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, D. C., 9 August 1991

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Current as of 21 May 1993

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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* This manual supersedes TM 9-2330-359-14&P, dated 30 June 1978, and all changes.

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1-1. SCOPE.

a. This manual describes the operation and unit, direct support, and general support maintenance, including repair parts and special tools lists for:

- Semitrailer, Flatbed, Breakbulk/Container Transpotier: 34 Ton, M872 (Theurer and Southwest).
- Semitrailer, Flatbed, Breakbulk/Container Transporter: 34 Ton, M872A1 (Theurer and Heller).
- Semitrailer, Flatbed, Breakbulk/Container Transporter: 34 Ton, M872A2 (Theurer and Heller).
- Semitrailer, Flatbed, Breakbulk/Container Transporter: 34 Ton, M872A3 (Southwest).

b. Throughout the manual, the terms “curbside” and “roadside” are used to describe views of the semitrailers. As viewed from the rear, curbside is the right side and the roadside is the left side.

c. Manufacturer differences within individual model designations will be recognized by manufacturer name as they occur.

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.

For destruction of Army materiel to prevent enemy use, refer to TM 750-244-6.

1-4. PREPARATION FOR STORAGE OR SHIPMENT.

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

1-5. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRS).

If your semitrailer 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. Put it on an SF 368 (Quality Deficiency Report). Mail it to us at: Commander, U.S. Tank-Automotive Command, ATTN: AMSTA-MP, Warren, MI 48397-5000. We will send you a reply.

Section II. EQUIPMENT DESCRIPTION AND DATA

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1-6. EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES.

a. The M872 Series Flatbed Semitrailers are cargo hauling semitrailers designed to carry containerized or breakbulk cargo.

b. The semitrailers are designed to be towed by the M915 Series 6 x 4 Truck Tractors, or with a reduced load combined payload and trailer weight of 37,500 lb (17,010 kg) by the M818 Truck Tractor.

c. The semitrailers are equipped with:

- (1) A 12-volt electrical system capable of operating in standard or blackout modes.
- (2) Automatic emergency braking in the event of semitrailer breakaway from the towing vehicle.
- (3) Landing gear to provide support for the front of semitrailer when uncoupled from towing vehicle.
- (4) Three axles with dual-mounted wheels and leaf spring suspension, including walking beams and radius rods, to absorb road shock.
- (5) Internal expanding type brakes which are activated by air pressure received from the towing vehicle.
- (6) Four retractable sling mechanisms to permit slinging when empty or when loaded with a 40ft (12.2m) container.
- (7) Twist lock fasteners to secure containers to semitrailer loadbed.
- (8) Removable side and rear racks for use when transporting bulk cargo.
- (9) Toolbox to provide storage for load binders and load-securing hardware and tools.