TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL

[Including Repair Parts Information and Supplemental Maintenance and Repair Parts Instructions)

TRAILER, FLATBED, 15 TON PAYLOAD MULTI AXLE (CCE)

NSN 2330-01-060-8141

This copy is a reprint which includes current pages from Changes 1 through 3.

HEADQUARTERS, DEPARTMENT OF THE ARMY
FEBRUARY 1980

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DEPARTMENT OF THE ARMY
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OPERATOR, ORGANIZATIONAL, DIRECT

SUPPORT AND GENERAL SUPPORT

(INCLUDING REPAIR PARTS INFORMATION AND

SUPPLEMENTAL MAINTENANCE AND REPAIR PARTS INSTRUCTIONS)

TRAILER, FLATBED,

15 TON PAYLOAD

MULTI-AXLE (CCE)

NSN 2330-01-060-8141

Reporting Errors and Recommending Improvements. You can help improve this manual. If you find any mistake 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-Automative Materiel Readiness Command, ATTN: DRSTA-MBA, Warren, Michigan 48090. A reply will be furnished to you.

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This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

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1-1. GENERAL.

1.-2. This manual. contains (operation, maintenance and service instructions for HYSTER HP15T-MIL traiLers. (see Figure l-l). The operating instructions must be reviewed and understood before attempting to operate the unit. The driver should be responsible for maintaining the unit in good condition to ensure prolonged efficiency.

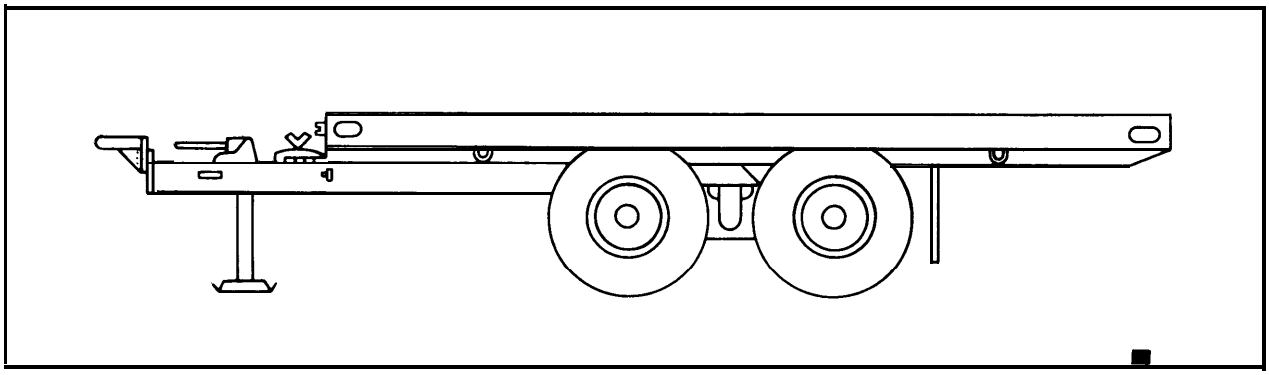

FIGURE 1-1 HP SERIES TRAILER.

1-3. UNIT NAMEPLATE (see figure 1-2).

1-4. The unit nameplate is located on the left-hand tongue beam. The nameplate must remain permanently affixed to the unit.

1-5. SERIAL NUMBER DATA (see figure 1-2).

NOTE: The complete serial number must be identified when ordering ports or communicating service information to HYSTER COMPANY.

1-6. The unit serial number is stamped onto the unit nameplate and into the web plate near the nameplate.

1-7. SYSTEM SPECIFICATIONS.

1-8. Unit specifications are listed in Section 2.

1-9. OPERATING INSTRUCTIONS.

1-10. Instructions necessary for safe and efficient operation are given in Section 3.

1-11. HYSTER-CARE MAINTENANCE.

1-12 HYSTER-CARE MAINTENANCE procedures such as servicing intervals are given in Section 4. Always follow the maintenance schedule and recommended procedures to ensure prolonged efficiency and service life.

1-13. TROUBLESHOOTING.

1–14. Troubleshooting procedures and analysis are given in Section 5.

1-15. SYSTEM DESCRIPTIONS AND REPAIRS.

1–16. Refer to the section which best fits the description of the system being serviced.

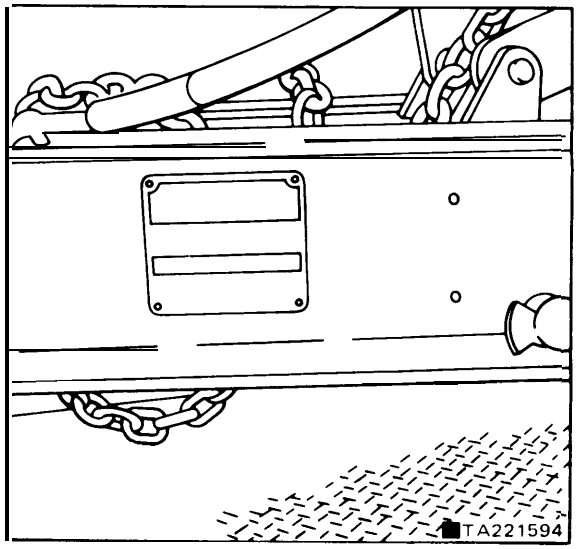

FIGURE 1-2 SERIAL NUMBER PLATE MOUNTED ON HP SERIES TRAILER.

2-1. GENERAL.

2-2. This section contains specifications which will aid in the maintenance and service of your trailer operating systems. The following is a list of tables included in this section.

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2-1.	Frame Parts Specifications
2-2.	Air System Specifications
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2-7.	Hydraulic System Specifications
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2-5. TRAILER CAPACITY.

2-6. Units manufactured in the United States are required to list the "Gross Vehicle Weight Rating" (GVWR) and "Gross Axle Weight Rating" (GAWR) on the trailer (see figure 2-1). This data will be found on the unit nameplate. The Gross Vehicle Rating is the sum of the trailer weight and the trailer capacity. This is the maximum structural capability of the trailer. The Gross Axle Weight Rating is the maximum any axle can carry. The GVWR may be attained under certain circumstances before the GAWR or vice versa. Do not exceed either the GVWR or GAWR. These weight limitations are independent of road weight limitations imposed by law.

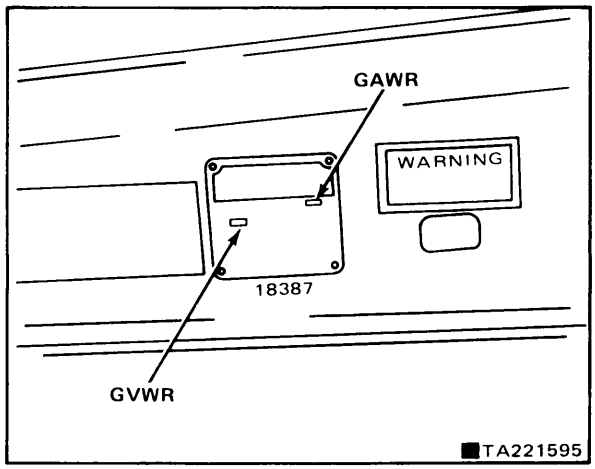

FIGURE 2-1. WEIGHT LIMITATION IDENTIFICATION PLATES