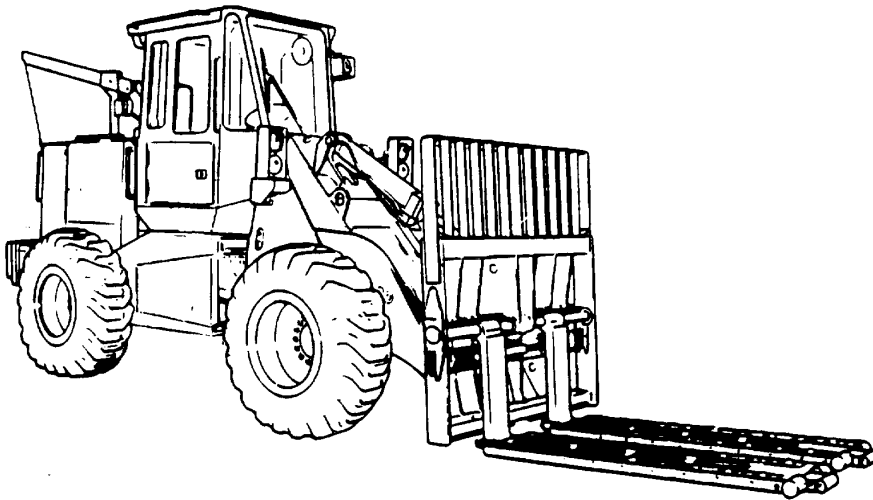


OPERATOR'S MANUAL**FOR**

**TRUCK, FORKLIFT:
ADVERSE TERRAIN,
10,000 LB CAPACITY, M544E
(NSN 3930-01-301-8250)**



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HEADQUARTERS, DEPARTMENT OF THE ARMY

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TECHNICAL MANUAL
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HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington D.C., 8 November 1993

OPERATOR'S MANUAL
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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 Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

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HOW TO USE THIS MANUAL

This manual is designed to operate the M544E Forklift Truck

FEATURES OF THIS MANUAL:

- Bleed-to-edge Indicators on the cover and on the edge of the applicable manual pages provide quick access to chapters and sections most often used.
- WARNINGS, CAUTIONS, NOTES, subject headings, and other important information are highlighted in BOLD print as a visual aid.

WARNING

A WARNING Indicates a hazard which can result in death or serious injury.

CAUTION

A CAUTION is a reminder of safety practices or directs attention to usage practices that may result in damage to equipment.

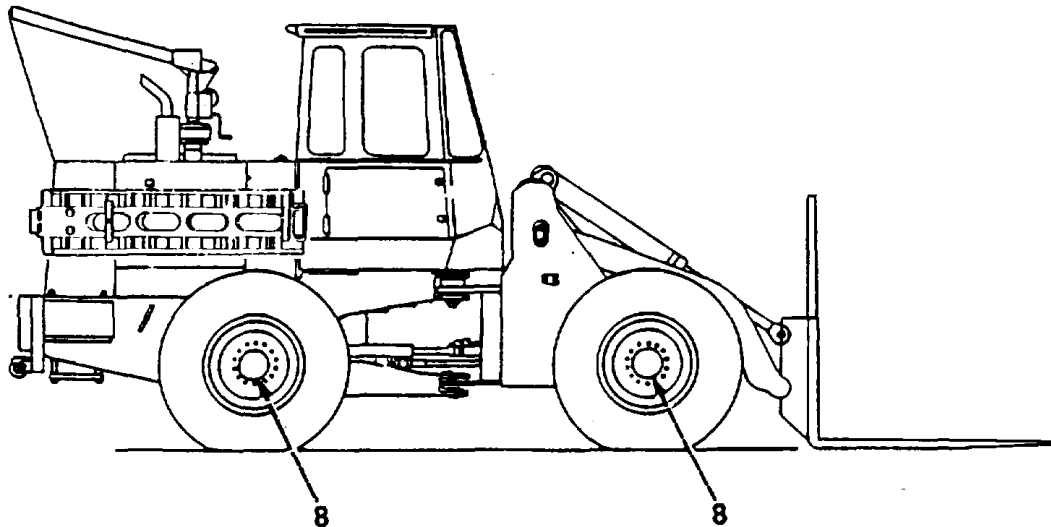
NOTE

A NOTE is a statement containing information that will make the procedure easier to perform.

- An alphabetized list of abbreviations and their meanings are included in Chapter 1 for reference purposes.

HOW TO USE THIS MANUAL (Con't)

- Instructions are located together with illustrations that show the specific task on which the operator is working.
- Dashed leader lines used in illustrations indicate that called out items are not visible (i.e., they are located *within* the structure). The example illustrates that the drive axles (8) are located within the axle.



Dasher Leader Line Example

- An alphabetical index is provided at the end of the manual to assist in locating information not readily found in the table of contents.
- Technical instructions include metric units in addition to standard units. A metric conversion chart is provided on the inside back cover.

FOLLOW THESE GUIDELINES WHEN YOU USE THIS MANUAL:

- Read through this manual and become familiar with its contents before attempting to operate this vehicle.
- A warning summary is provided at the beginning of this manual and should be read before attempting to operate this vehicle.
- Within a chapter or section, headings are used to help group the material to assist in quickly finding tasks.

TA704469

FOR INFORMATION ON FIRST AID, REFER TO FM 21-11.

WARNING

CARBON MONOXIDE (EXHAUST GASES) CAN KILL!

Carbon monoxide is a colorless, odorless, deadly poisonous gas which, when breathed, deprives the body of oxygen and causes suffocation. Exposure to air containing carbon monoxide produces symptoms of headache, dizziness, loss of muscular control, apparent drowsiness, and coma. Permanent brain damage or death can result from severe exposure.

Carbon monoxide occurs in exhaust fumes of internal combustion engines. Carbon monoxide can become dangerously concentrated under conditions of inadequate ventilation. The following precautions must be observed to ensure safety of personnel when engine of forklift truck is operated for any purpose.

- (1) DO NOT operate forklift truck engine in enclosed areas.
- (2) DO NOT idle forklift truck engine with cab windows closed and without ventilator blower operating.
- (3) DO NOT drive forklift truck with inspection plates or cover plates removed.
- (4) BE ALERT at all times for exhaust odors.
- (5) BE ALERT for exhaust poisoning symptoms. They are:
 - Headache
 - Dizziness
 - Sleepiness
 - Loss of muscular control
- (6) If you see another person with exhaust poisoning symptoms:
 - Remove person from area.
 - Expose to fresh air.
 - Keep person warm.
 - Do not permit physical exercise.
 - Administer artificial respiration, If necessary.
 - Notify a medic.
- (7) BE AWARE: The field protective mask for chemical-biological-radiological (CBR) protection will not protect you from carbon monoxide poisoning.

The Best Defense Against Carbon Monoxide Poisoning Is Good Ventilation.