This copy is a reprint which includes current pages from Changes 1 and 2.

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TECHNICAL MANUAL

OPERATOR AND ORGANIZATIONAL

MAINTENANCE MANUAL

TRUCK, LIFT, FORK, GASOLINE

ENGINE DRIVE, SOLID RUBBER

TIRES, 127 INCH LIFT, 2000

POUND CAPACITY

(ARMY MODEL MHE-229)

(CLARK EQUIPMENT CO. MODEL 2329397)

NSN 3930-00-315-9699

HEADQUARTERS, DEPARTMENT OF THE ARMY

APRIL 1975

TECHNICAL MANUAL

No. TM 10-3930-632-12

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 10 April 1975

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope
This manual is for your use in operating and maintaining the Army Model MHE-229 Fork Lift Truck.

1-2. Maintenance Forms and Records
Maintenance forms and records that you are required to use are: DA Form 2408 (Equipment Log Assembly-Records), DA Form 2408-1 (Equipment Daily and Monthly Log), DA Form 2408-5 (Equipment Modification Record), DA Form 2408-9 (Equipment Control Record), DA Form 2408-10 (Equipment Component Register), and DA Form 2408-14 (Uncorrected Fault Record).

1-3. 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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Tank-Automotive Command, ATTN: DRSTA-MB, Warren, MI 48090. A reply will be furnished to you.

1-4. Equipment Serviceability Criteria
This equipment is not covered by an ESC.

1-5. Destruction of Army Materiel to Prevent Enemy Use
a. General. Do not destroy the truck except on order of proper authority, and demolish it only to prevent capture and use of the truck by the enemy. Destroy the same parts on all similar equipment to prevent enemy use through cannibalization.

b. Methods.

(1) *Controls.* Smash all controls, including steering wheel.

(2) *Gasoline Engine.* Pierce or smash cylinder block. Damage crankshaft and camshaft.

(3) *Transmission and Differential.* Pierce or smash transmission and differential case.

(4) *Steering Gear.* Pierce or smash steering gear housing.

(5) *Wires, Cables, and Lines.* Cut, rip out, or otherwise destroy all wires, electrical cables, and fuel, oil, or water lines.

(6) *Carburetor and Manifolds.* Smash these assemblies.

(7) *Alternator, Distributor, Ignition Coil and Spark Plugs.* Destroy these components by smashing.

(8) *Radiator.* Drive large holes through core and tank. Break off drain cock.

(9) *Battery.* Break case and plates of battery.

1-6. Administrative Storage
Preparation, care, and removal of equipment in administrative storage will be in accordance with the applicable requirements of TM 740-90-1 (Administrative Storage of Equipment).

Section II. DESCRIPTION AND DATA

1-7. Description
a. General. The fork lift truck (fig. 1-1 and 1-2) is a four cylinder gasoline engine driven, torque converter coupled, solid rubber tire-mounted unit. The fork lift truck utilized hydraulic power for its lift and tilt functions. The truck has a rated capacity of 2000 pounds and is designed for high maneuverability and operation in confined areas. The maintenance paragraphs of this manual contain detailed descriptions of the various components of the truck.

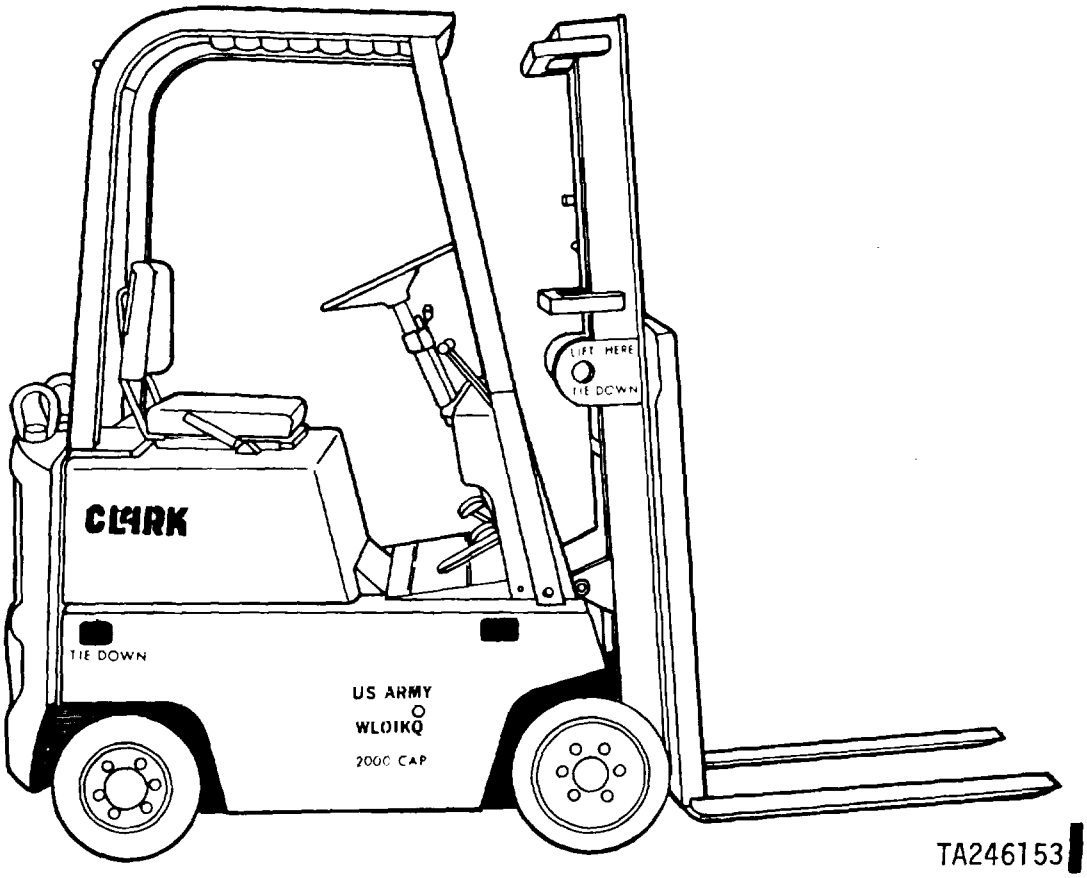

Figure 1-1. Fork Lift Truck, Right Side View