

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE MANUAL

TRUCK, LIFT, FORK, GASOLINE,

PNEUMATIC-TIRED WHEELS,

15,000-POUND CAPACITY

(HYSTER MODEL H150C,

ARMY MODEL MHE 178)

FEDERAL STOCK NUMBER

3930-897-4632



HEADQUARTERS, DEPARTMENT OF THE ARMY

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TECHNICAL MANUAL

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CHAPTER 1 INTRODUCTION

Section I. GENERAL

1. Scope

These instructions are published for the use of personnel responsible for the organizational (second-echelon) maintenance of the Truck, Lift, Fork, Gasoline, Pneumatic-Tired Wheels, 15,000-Pound Capacity (Hyster Model H150C, Army Model MHE 178) Federal Stock Number 89308974632, procured under contract number N600(MIS)57085.

2. Appendixes

Appendix I is a list of current references. Appendix II is the maintenance allocation chart. The repair parts and special tools list authorized for use at second echelon is published in TM 10-3930-222-20P.

3. Maintenance Forms and Records

The maintenance forms, records, and reports to be used in the second-echelon maintenance

of this truck are listed and described in TM 38-750.

4. Recommended Changes

Users of this manual are encouraged to submit recommended changes or comments to improve the manual. Comments will be submitted on DA Form 2028 and will be keyed to the specific page, paragraph, and line of the text in which the change is recommended. Reasons should be provided for each comment to insure understanding and complete evaluation. Comments should be forwarded direct to Commandant, U.S. Army Quartermaster School, Fort Lee, Virginia.

5. Orientation

Throughout this manual, the use of the terms right, left, front, and rear indicates directions from the viewpoint of the operator sitting in the seat of the truck.

Section II. DESCRIPTION AND DATA

6. Description

a. Refer to TM 10-3930-222-10 for a general description of the truck.

b. Additional descriptive material will be found in sections of this manual that pertain to a particular assembly.

7. Tabulated Data

a. Capacities.

Cooling system	14 qt
Drive axle/differential	24 pt

Engine carburetor air cleaner	1/2 pt
Engine crankcase.	5 qt
Engine oil filter	1/2 qt
Fuel tank	14 gal
Hydraulic system:	
Hydraulic master cylinder	1/2 pt
Lines	5 qt
Tank	15 gal
Steering gear housing	1 pt
Transmission	12 qt

b. Engine.
 Governed speed
 Under load 2,200 rpm
 Without load 2,400 rpm

c. Hydraulic System (Steering).
 Proper setting (at 1,225 psi
 engine speed of
 600 rpm)

d. Hydraulic System (Main).
 Proper setting (at 1,800 psi
 engine speed of
 600 rpm)