TM 10-3930-621-12

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR AND ORGANIZATIONAL
MAINTENANCE MANUAL

TRUCK, LIFT, FORK, GED, SOLID RUBBER
TIRED WHEELS, 4000 LBS CAPACITY, 180 IN LIFT
ARMY MODEL MHE 209
ALLIS CHALMERS MODEL F40-24PS
FSN 3930-459-5948

HEADQUARTERS, DEPARTMENT OF THE ARMY
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OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL

TRUCK, LIFT, FORK, GED, SOLID RUBBER TIRES, 4000 LBS CAPACITY, 180 IN LIFT, ARMY MODEL MHE 209 ALLIS CHALMERS MODEL F40-24PS FSN 3930-459-5948

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CHAPTER 1
INTRODUCTION

Section I. GENERAL

1-1. Scope

a. These instructions are published for the use of personnel to whom the Allis-Chalmers Fork Lift Truck Model F40-24PS, Army Model MHE-209, Federal Stock Number 3930-459-5948 is issued. They provide information on the operation and organizational maintenance of the equipment. Included in the manual are descriptions of the main units and their functions in relation to other components.

b. Appendix I contains a list of publications applicable to this manual. Appendix II contains a list of basic issue items and maintenance and operating supplies authorized the operator of the equipment. Appendix III consists of Maintenance Allocation Chart. Spare parts allocated to organizational maintenance are listed in TM 10-3930-621-20P.

1-2. Record and Report Forms

a. DA Form 2258, Depreservation Guide to Engineer Equipment.

b. DA Form 1397, Processing and Deprocessing for Shipment, Storage, and Issue of Vehicles and Spare Engines.

c. For other record and report forms applicable to operator/crew and organizational maintenance, refer to TM 38-750.

d. Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to the Commanding General, U.S. Army Mobility Equipment Command, ATTN: AMSME-MPP, 4300 Goodfellow Boulevard, St. Louis, MO. 63120.

1-3. Orientation

Throughout this manual the terms right, left, front, and rear with respect to the truck and components is determined from the viewpoint of the operator sitting in the seat of the truck.

Section II. DESCRIPTION AND DATA

1-4. Description

a. The Army Model MHE-209 (Allis-Chalmers Model F40-24PS) is a nontactical fork lift truck (fig. 1-1 and 1-2; designed for warehouse operation. The truck can be used to load, transport, unload, and stack loads weighing as much as 4,000 pounds at a 24 inch load center. (The load center is measured from the heel of the fork.)

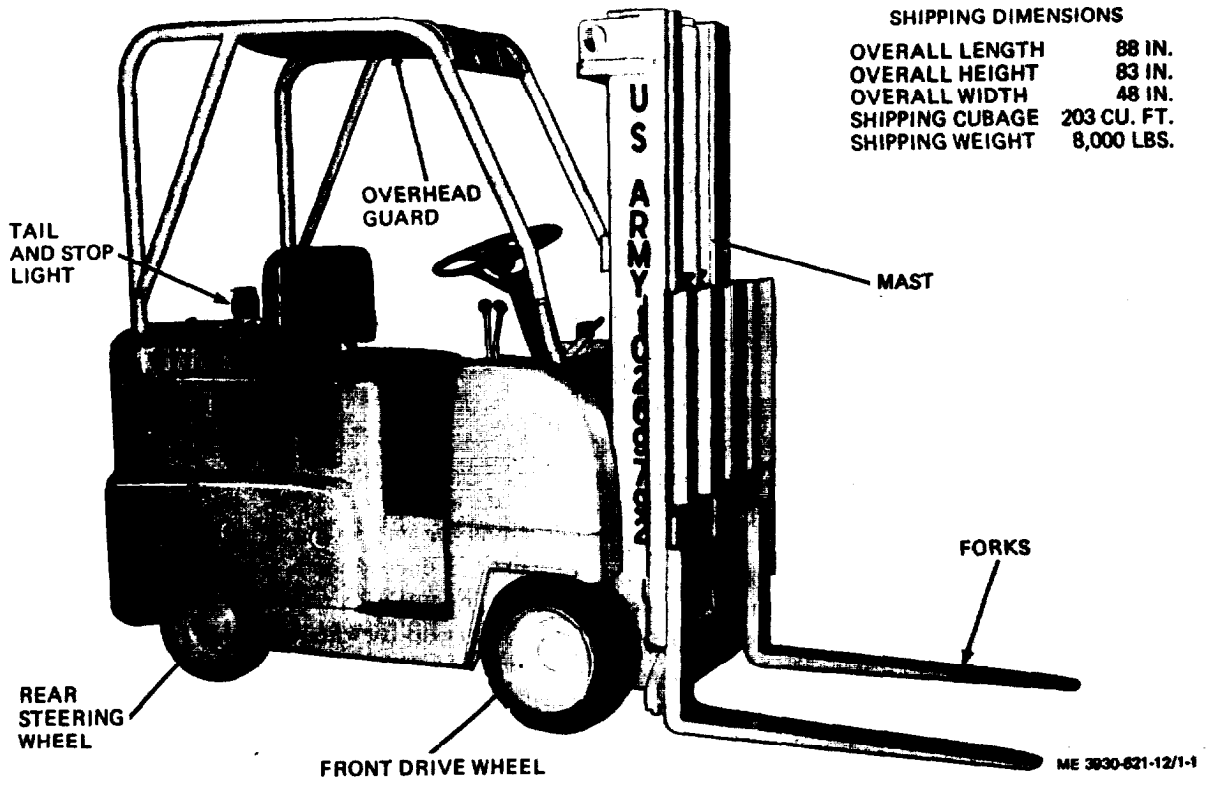

Figure 1-1. Fork lift truck, with shipping dimensions, right side view.

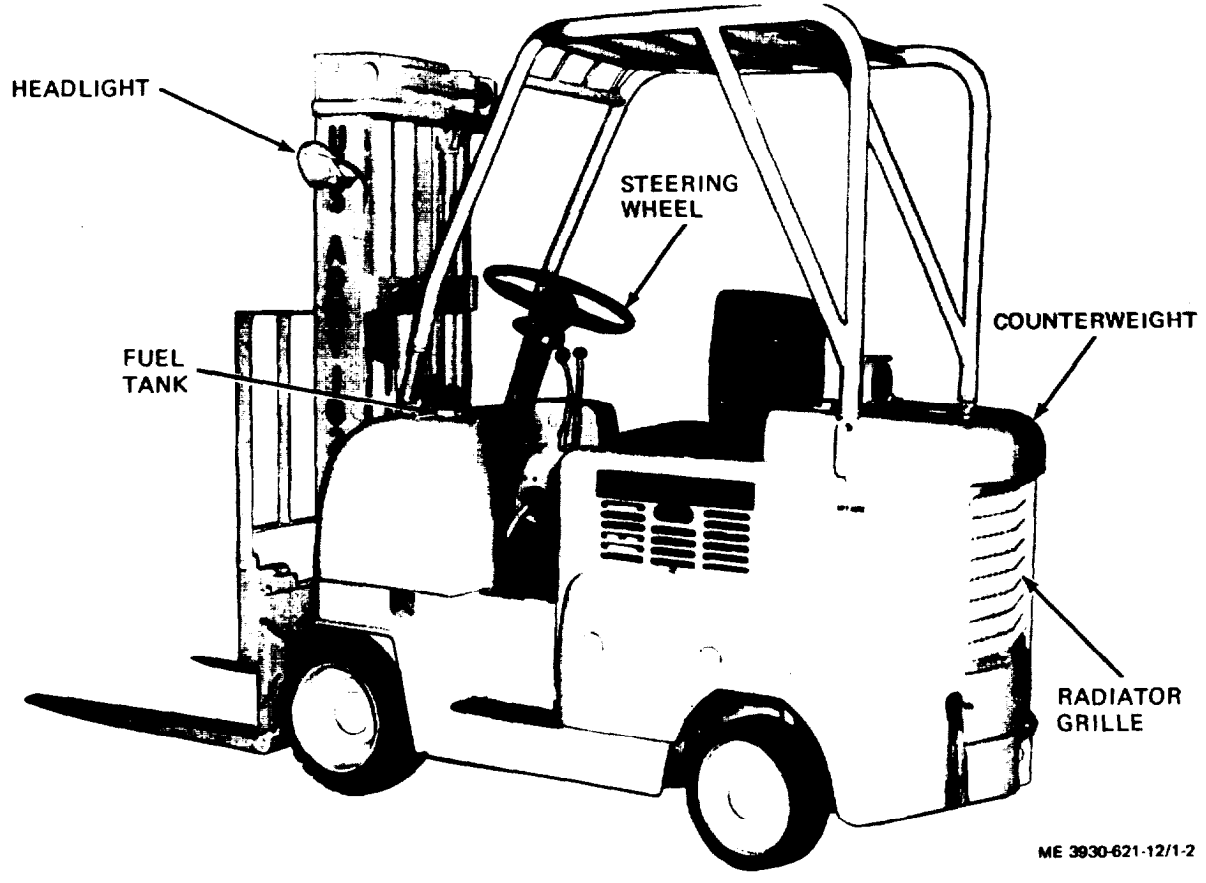

Figure 1-2. Fork lift truck, left side view.