

TECHNICAL MANUAL

TRANSPORTABILITY GUIDANCE

TRUCK TRACTOR, LINE-HAUL, M 915, 6x4, 14-TON
(NSN 2320-01-028-4395)

TRUCK TRACTOR, LINE-HAUL, M915A1, 6x4, 14-TON
(NSN 2320-01-125-2640)

TRUCK TRACTOR, LIGHT EQUIPMENT TRANSPORTER
(LET), M916, 6x6, 14-TON
NSN 2320-01-028-4396

TRUCK TRACTOR, MEDIUM EQUIPMENT TRANSPORTER
(MET), M920, 8x6, 20-TON
(NSN 2320-01-028-4397)

TRANSPORTABILITY GUIDANCE

**(TRUCKS, 14- AND 20-TON M915 FAMILY OF
 VEHICLES (FOV) SERIES)**

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 (NSN 2320-02-028-4395)**

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CHAPTER 1

INTRODUCTION

1-1. Purpose and Scope

a. This manual provides transportability guidance for logistical handling and movement of the M915 family of vehicles (FOV) 14- and 20-ton trucks, which include the M915, M916, and M920. It contains information considered appropriate for safe transport of the item. Also included are significant technical and physical characteristics, as well as safety considerations required for worldwide movement by various transportation modes. Where considered necessary, metric equivalents are given in parentheses following the dimensions or other measurements.

b. This manual is intended for transportation officers and other personnel responsible for movement or for providing transportation services.

1-2. Safety

Appropriate precautionary measures required during movement are contained in chapter 3.

1-3. Definitions of Warnings, Cautions, and Notes

Throughout this manual, warnings, cautions, and notes emphasize important or critical guidance. They

are used for the following conditions:

a. Warning. Instructions that, if not followed, could result in injury to or death of personnel.

b. Caution. Instructions that, if not strictly observed, could result in damage to or destruction of equipment.

c. Note. A brief statement for use as necessary to emphasize a particular operating procedure, condition, and so forth.

1-4. Reporting of Recommendations and Comments

Individual users of this manual are encouraged to submit comments and recommendations for its improvement. Reports should be prepared on DA Form 2028 (Recommended Changes to DA Publications and Blank Forms) and forwarded to Commander, Military Traffic Management Command Transportation Engineering Agency, ATTN: MTT-TRC, PO Box 6276, Newport News, VA 23606-0276. (Electrically transmitted messages should be addressed to CDR MTMCTEA FT EUSTIS VA//MTT-TRC//.) A reply will be furnished by this command.

CHAPTER 2

TRANSPORTABILITY DATA

Section I. GENERAL

2-1. Scope

This chapter provides a general description and identification photographs of the M915 FOV 14- and 20-ton trucks, as well as tabulated transportability data that are necessary for movement of these vehicles.

2-2. Description

The 14- and 20-ton trucks covered in this manual are the M915, M915A1, M916, and M920. All are truck tractors that may vary in size and weight.

a. The M915 is a commercial, diesel-engine-driven, 6x4, line-haul truck tractor with a gross vehicle weight of 50,000 pounds (fig 2-1).

b. The M915A1 is a commercial, diesel-engine-drive, 6x4, line-haul truck tractor with a gross vehicle weight of 50,000 pounds. The main difference between this truck and the M915 is the sliding fifth wheel, which can be moved 12 inches in total length. The sliding fifth wheel is designed to reduce interference in the M915A1/semitrailer combination (fig 2-2).

c. The M916 is a commercial, diesel-engine-driven, 6x6, light equipment transporter with a gross vehicle weight of 55,000 pounds (fig 2-3).

d. The M920 is a commercial, diesel-engine-drive, 6x8, medium equipment transporter with a gross vehicle of 75,000 pounds (fig 2-4).

Section II. CHARACTERISTICS AND RELATED DATA

2-3. General

The following data on the trucks are applicable to the model number or national stock number (NSN) shown. Data are based on empty trucks unless otherwise noted.

NOTE

All measurements are in inches.

a. M915 Truck Tractor, 50,000 GVWR, 6x4.

National stock number , . . .2320-01-028-4395

Line item number T61103

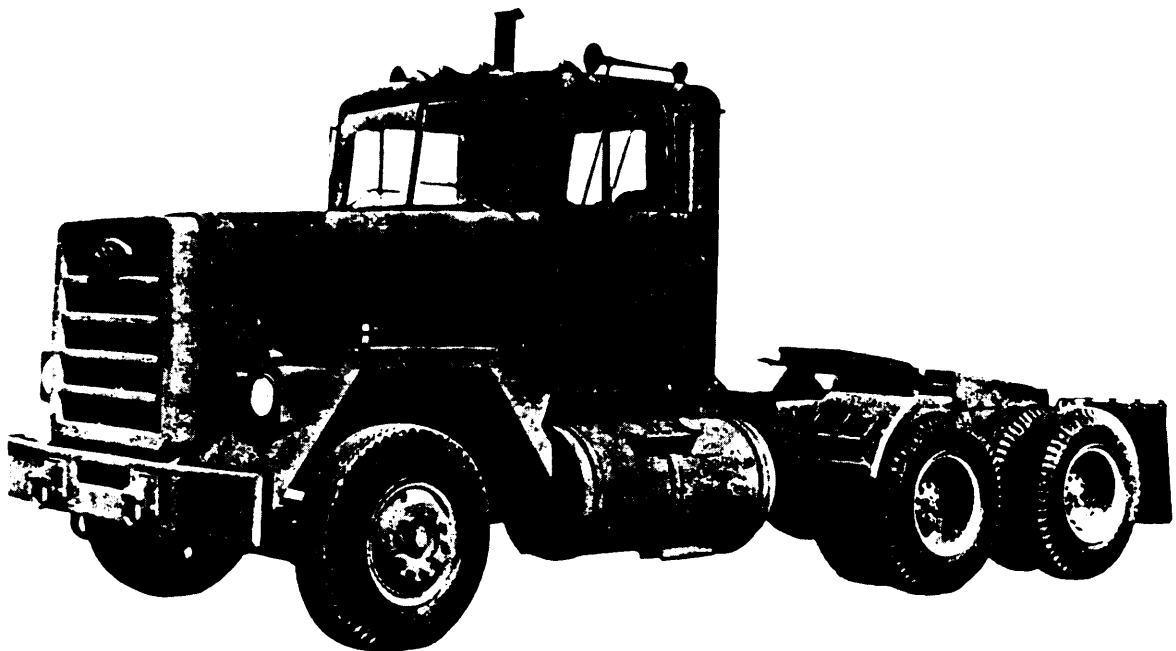


Figure 2-1. M915 truck tractor, line-haul, 14-ton, 6x4.

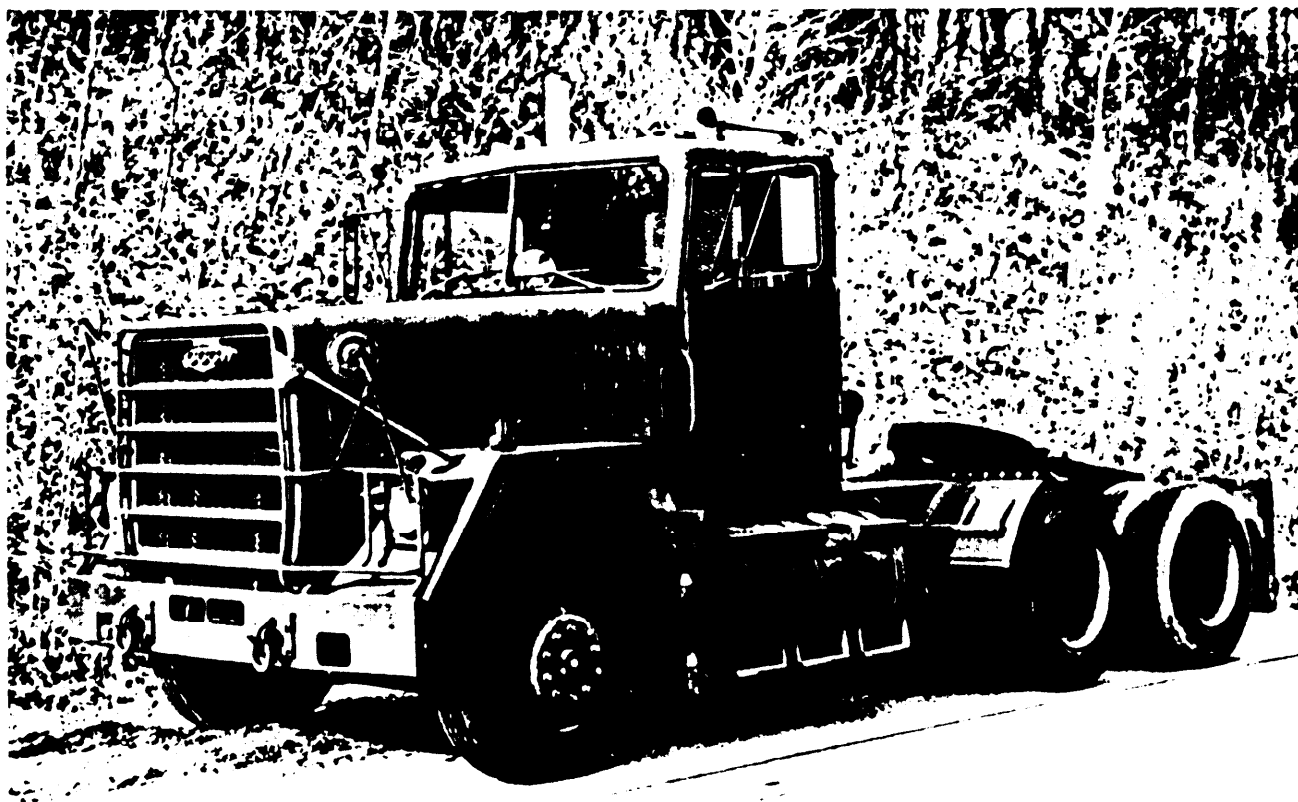


Figure 2-2. M915A1 truck tractor, line-haul, 6x4.

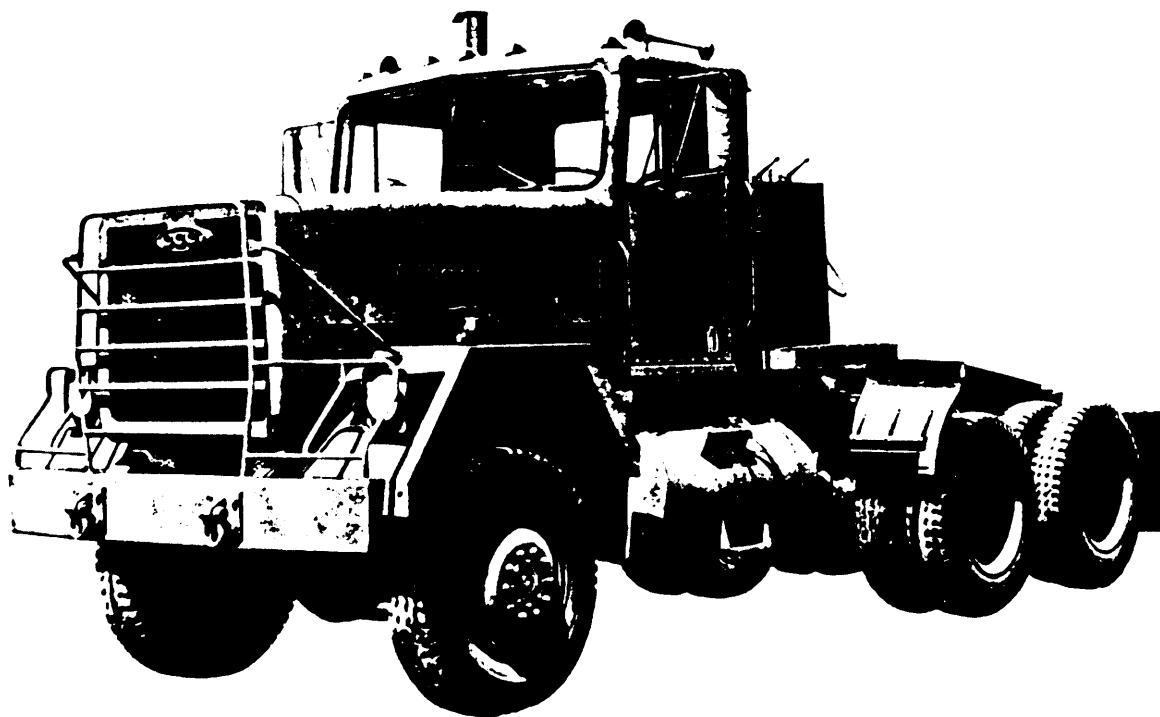


Figure 2-3. M916 truck tractor, 20-ton, 6x6.