

TM 9-2320-211-35

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT, GENERAL SUPPORT AND DEPOT MAINTENANCE

FOR:

TRUCK, CHASSIS: 5-TON, 6 X 6

M39, M39A2, M40, M40A1, M40A2, M40A1C, M40A2C, M61, M61A1, M61A2, M63, M63A1, M63A2, M63C, M63A1C, M63A2C, M63A1D, M63A2D, M139A1, M139A2, M139C, M139A2C, M139D, M139A2D, M139F, M139A1F, M139A2F; TRUCK, CARGO: M41, M41A2, M54, M54A1, M54A2, M54A1C, M54A2C, M55, M55A1, M55A2; TRUCK, DUMP: M51, M51A1, M51A2; TRUCK, TRACTOR: M52, M52A1, M52A2; TRUCK, TRACTOR, WRECKER: M246, M246A1, M246A2; TRUCK, VAN, EXPANSIBLE: M291A1, M291A2, M291A1C, M291A2C, M291A1D, M291A2D; TRUCK, WRECKER, MEDIUM: M62, M543, M543A1, M543A2; TRUCK, BRIDGING: M139, M328A1, M328A2; TRUCK, LOGGING, M748A1, M748A2.

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HEADQUARTERS, DEPARTMENT OF THE ARMY

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Technical Manual }
No. 9-2320-211-35 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, D. C., 15 September 1964

Direct Support, General Support and Depot Maintenance For:

TRUCK, CHASSIS: 5-TON, 6x6, M39, M39A2, M40, M40A1, M40A2, M40A1C, M40A2C, M61, M61A1, M61A2, M63, M63A1, M63A2, M63C, M63A1C, M63A2C, M63A1D, M63A2D, M139A1, M139A2, M139C, M139A2C, M139D, M139A2D, M139F, M139A1F, M139A2F; TRUCK, CARGO: M41, M41A2, M54, M54A1, M54A2, M54A1C, M54A2C, M55, M55A1, M55A2; TRUCK, DUMP M51, M51A1, M51A2; TRUCK, TRACTOR: M52, M52A1, M52A2; TRUCK, TRACTOR, WRECKER: M246, M246A1, M246A2; TRUCK, VAN, EXPANSIBLE: M291A1, M291A2, M291A1C, M291A2C, M291A1D, M291A2D; TRUCK, WRECKER, MEDIUM: M62, M543, M543A1, M543A2; TRUCK, BRIDGING: M139, M328A1, M328A2; TRUCK, LOGGING, M748A1, M748A2.

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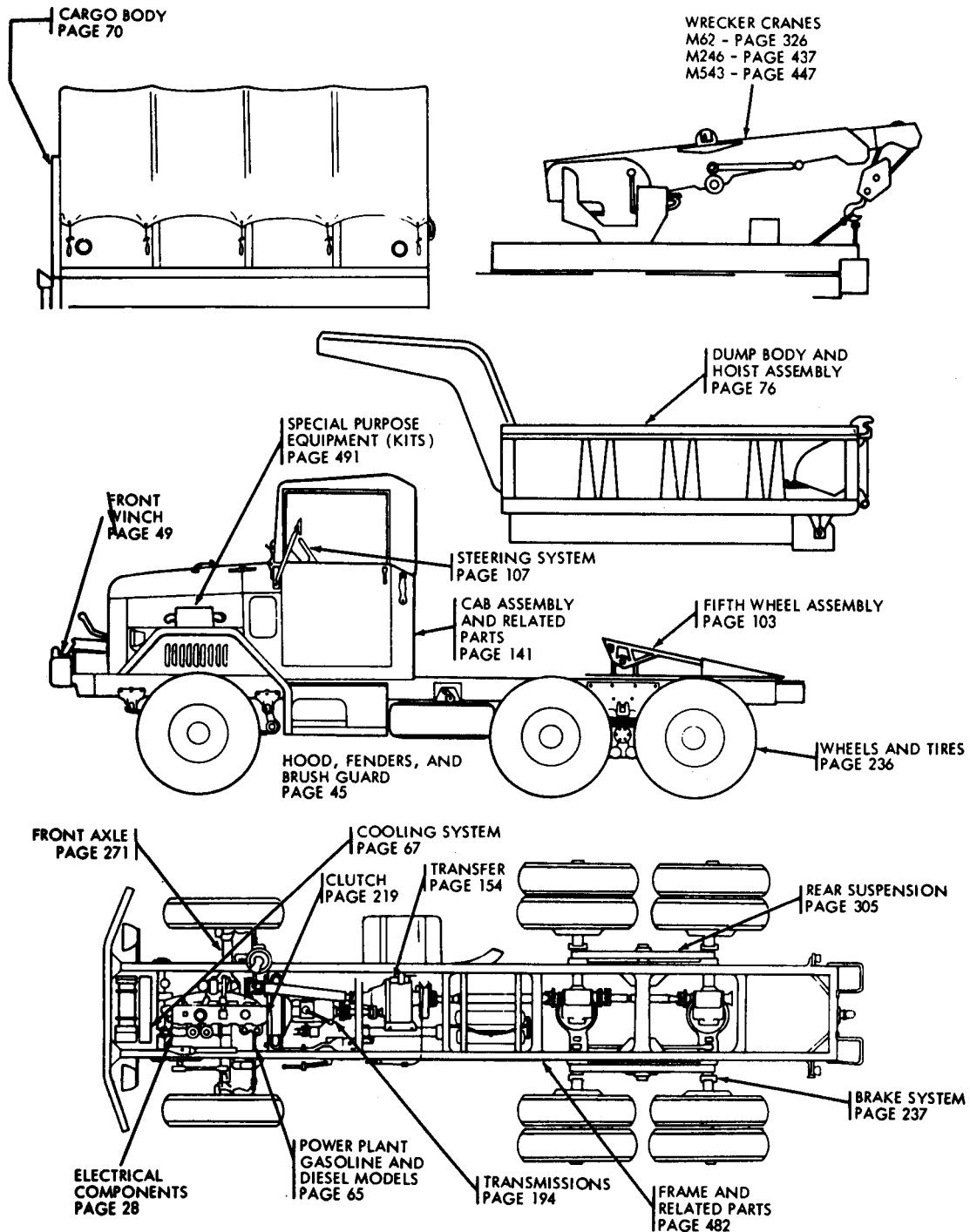
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VISUAL GUIDE TO CONTENTS

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1. Scope

a. This technical manual contains instructions for field and depot maintenance of the following items:

- (1) Truck Chassis - 5-Ton, 6x6, Models M39, M40, M40C, M61, M61A2, M63, M63C, M139, M139C, M139D, and M139F.
- (2) Cargo Truck - 5-Ton, 6x6, M41, M54, M54A1, M54A2, M55.
- (3) Dump Truck - 5-Ton, 6x6, Model M51, M51A2.
- (4) Tractor Truck - 5-Ton, 6x6, Models M52, M52A1, and M52A2.
- (5) Tractor-Wrecker Truck - 5-Ton, 6x6, Model M246.
- (6) Medium Wrecker Truck - 5-Ton, 6x6, Models M62, M543, and M543A2.

b. This manual contains descriptions of, and procedures for, removal, disassembly, inspection, repair, and assembly of the body, cab, and chassis components as well as the transmission, transfer, power takeoff, axles, winch, hoist and miscellaneous peculiar hardware of the aforementioned vehicles. Illustrated step-by-step figures are included. Disassembly procedures are illustrated with a white arrow in the upper left corner and assembly with a black inverted arrow in the lower right corner. The arrows are numbered to indicate removal and installation sequence. Steps applicable only to installation or only to removal will have only the arrow application to the operation being performed.

c. The appendix contains a list of current references, including supply manuals, forms, technical manuals, and all other available publication applicable to the vehicles listed in paragraph a and all peculiar components.

d. You can improve this publication by calling attention to errors and by recommending improvements using DA Form 2028

(Recommending Changes to Publications), or by letter mailed to Commander, U.S. Army Tank Automotive Material Readiness Command, ATTN: DRSTA-MTP, Warren, Michigan 48090. A reply will be furnished direct to you.

e. TM 9-2320-211-10 contains operating instructions and all maintenance operations allocated to using organizations, performing maintenance work within their scope, for the vehicles.

f. LO 9-2320-211-12 contains lubrication instructions for the vehicles.

g. TM 9-2320-211-20 contains instructions for all maintenance operations allocated to Organizational Maintenance Personnel for the vehicles.

h. TM 9-2320-211-20P contains listings of repair parts and special tools for organizational maintenance of the vehicles.

i. TM 9-2320-211-35P contains listings of repair parts and special tools for field and depot maintenance of the cab, body, and chassis components including steering gear, transmission, transfer, power takeoff, front and rear axles, electrical components (except engine mounted), and winch assembly for vehicles listed in paragraph a.

j. TM 9-2815-207-35 contains service information on the Mack Model ENDT 673 Diesel engine, Rockford Model 15 TM clutch, and Bendix Westinghouse Model TU-FLO 500 air compressor.

k. TM 9-2815-207-35P Field and Depot Maintenance repair parts and special tool list for engine, assembly w/accessories (Diesel) (2815-9807092) and clutch (Rockford Model 15 TM) w/all accessories.

l. TM 9-2805-203-35 Field and Depot Maintenance manual for engine, assembly w/accessories (Continental Model R-6602) and clutch (Rockford Model 15 TM).