

TM 9-1807

WAR DEPARTMENT TECHNICAL MANUAL

ORDNANCE MAINTENANCE

Power Train, Chassis, and Body for
2 ½-Ton 6x6 Truck and 2 ½ - to
5-Ton 6x4 Truck (Studebaker
Models US6 and US6x4)

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WAR DEPARTMENT

Washington 25, D. C., 17 March 1944

TM 9-1807, Ordnance Maintenance: Power Train, Chassis, and Body for 2½-ton 6x6 Truck and 2½- to 5-ton 6x4 Truck (Studebaker Models US6 and US6x4), is published for the information and guidance of all concerned.

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BY ORDER OF THE SECRETARY OF WAR:

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Chief of Staff.

OFFICIAL:

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Major General,
The Adjutant General.

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(For explanation of symbols, see FM 21-6.)

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*This Technical Manual, together with TM 9-807 and TM 9-1832A, super-
sedes TM 10-1385, dated 1 February 1942; TM 10-1387, dated 3 February
1942; TM 10-1565, dated 15 February 1943; TM 10-1565 Change No. 1, dated
4 October 1943; and TM 10-1503, dated 17 July 1941.

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CHAPTER 1**INTRODUCTION****1. SCOPE.**

a. The instructions contained in this manual are for the information and guidance of personnel charged with the maintenance and repair of Studebaker 6x6 and 6x4 vehicles. These instructions are supplementary to Field Manuals and Technical Manuals prepared for the using arms. This manual does not contain information which is intended primarily for the using arms, since such information is available to ordnance maintenance personnel in 100-series Technical Manuals or Field Manuals.

b. This manual contains a description of, and procedure for, removal, disassembly, cleaning, inspection, repair, assembly, and installation of the clutch, transmission, transfer case, propeller shafts with universal joints and pillow block, axles, springs and shock absorbers, steering gear, bodies and hood, frame, fifth wheel, power take-off, winch and drive shaft, and dump body operating units.

c. TM 9-807 contains information for first and second echelons.

d. TM 9-1825B contains instructions for disassembly, cleaning, inspection, repair, and assembly of electrical equipment used on these vehicles.

e. TM 9-1826A contains instructions for disassembly, cleaning, inspection, repair, and assembly of the carburetor used on these vehicles.

f. TM 9-1827B contains instructions for disassembly, cleaning, inspection, repair, and assembly of the vacuum power brake system used on these vehicles.

g. TM 9-1827C contains instructions for disassembly, cleaning, inspection, repair, and assembly of the hydraulic brake system used on the vehicles.

h. TM 9-1828A contains instructions for disassembly, cleaning, inspection, repair, and assembly of the fuel pump used on these vehicles.

i. TM 9-1832A contains instructions for disassembly, cleaning, inspection, repair, and assembly of the engines used in these vehicles.

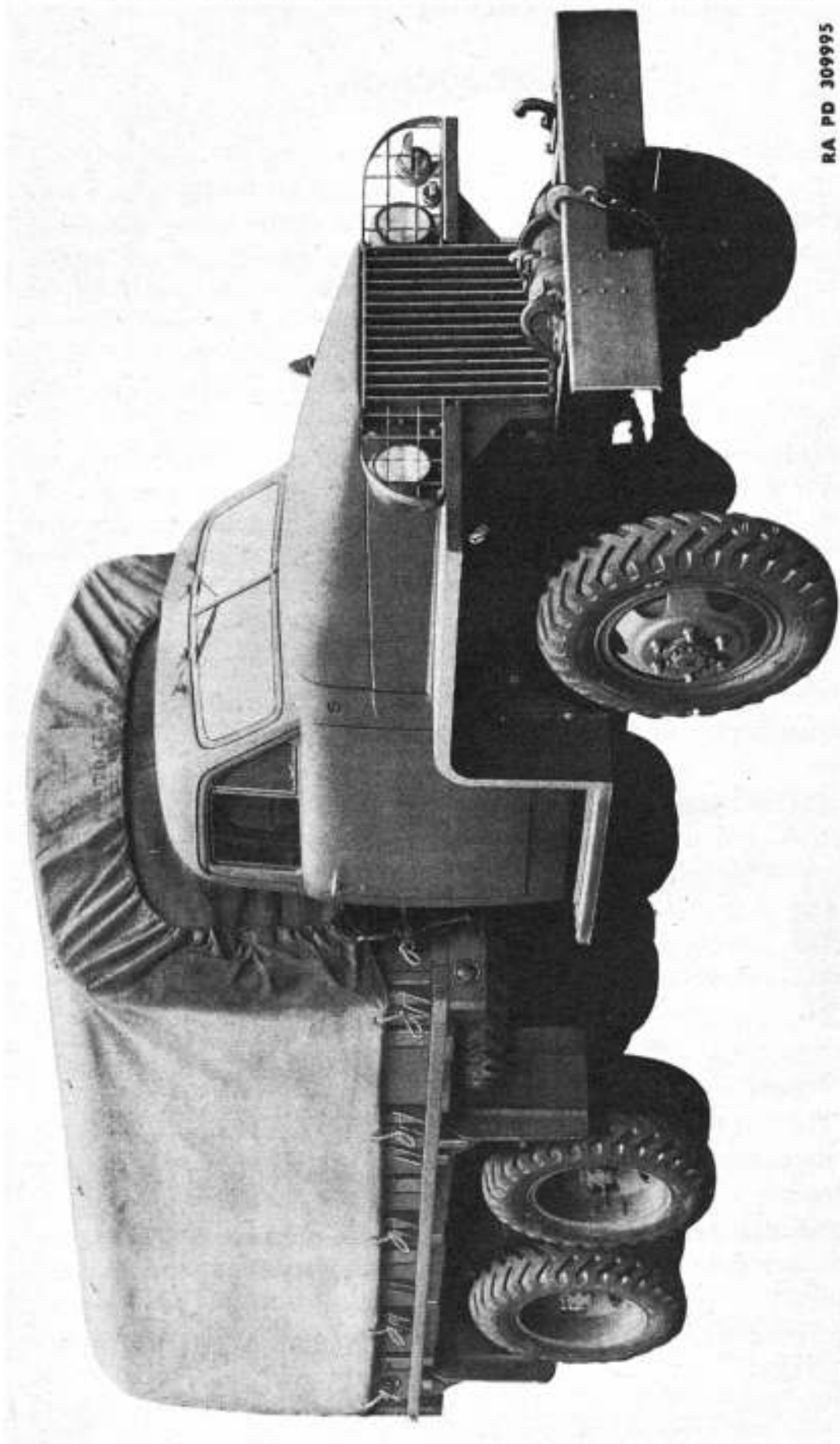
2. MWO AND MAJOR UNIT ASSEMBLY REPLACEMENT RECORD.

a. **Description.** Every vehicle is supplied with a copy of AGO

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ORDNANCE MAINTENANCE—POWER TRAIN, CHASSIS, AND BODY FOR 2½-TON 6x6 TRUCK
AND 2½- TO 5-TON 6x4 TRUCK (STUDEBAKER MODELS US6 AND US6x4)



RA PD 309995

Figure 1 — 162-inch Wheelbase Cargo Truck US6 (6x6) — Right Front (With Winch)

INTRODUCTION



**Figure 2 – 162-inch Wheelbase Cargo Truck US6x4
– Front (Less Winch)**

Form No. 478, which provides a means of keeping a record of each Modification Work Order completed, or major unit assembly replaced. This form includes spaces for the vehicle name and U. S. A. registration number, instructions for use, and information pertinent to the work accomplished. It is very important that the form be used as directed, and that it remain with the vehicle until the vehicle is removed from service.

b. Instructions for Use. Personnel performing modifications or major unit assembly replacements must record clearly on the form

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ORDNANCE MAINTENANCE—POWER TRAIN, CHASSIS, AND BODY FOR 2½-TON 6x6 TRUCK
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Figure 3 — Cargo Truck — Rear

RA PD 309998

a description of the work completed, and must initial the form in the columns provided. When each modification is completed, record the date, hours and/or mileage, and MWO number. When major unit assemblies such as engines, transmissions, and transfer cases, are replaced, record the date, hours and/or mileage, and nomenclature of the unit assembly. Minor repairs and minor parts and accessory replacements need not be recorded.

c. **Early Modifications.** Upon receipt by a third or fourth echelon repair facility of a vehicle for modification or repair, maintenance personnel will record the MWO numbers of modifications applied prior to the date of AGO Form No. 478.