

8028

TM 9-822

WAR DEPARTMENT TECHNICAL MANUAL

2½-TON 4 x 2 DUMP TRUCK (IHC K-7)

37-PASSENGER BUS (IHC K-7 AND KS-7)

RESTRICTED DISSEMINATION OF RESTRICTED MATTER—

The information contained in restricted documents and the essential characteristics of restricted materiel may be given to any person known to be in the service of the United States, and to persons of undoubted loyalty and discretion who are cooperating in Government work, but will not be communicated to the public or to the press except by authorized military public relations agencies. (See also paragraph 23 b, AR 380-5, 15 March 1944.)

WAR DEPARTMENT

7 NOVEMBER 1944

WAR DEPARTMENT TECHNICAL MANUAL

TM 9-822

This manual, together with TM 9-1822, supersedes TM 10-1115, 26 Jul 1941; TM 10-1141, 20 Aug 1941; TM 10-1173, 26 Jul 1941; TM 10-1345, 26 Jul 1941; TM 10-1511, 2 Mar 1942; TM 10-1561, 10 Jun 1942; and TM 10-1685, 14 May 1943. This manual supersedes the following publications insofar as they apply to this manual. These publications remain in force until such time as they are incorporated in other affected manuals or specifically rescinded: OFSTB 800-15, 14 Jul 1943; OFSTB 800-21, 30 Nov 1943; WDTB ORD 20, 24 Jan 1944; WDTB ORD 60, 13 Mar 1944; and WDTB ORD 126, 19 Jul 1944.

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WAR DEPARTMENT

Washington 25, D. C., 7 November 1944

TM 9-822, 2½-ton 4 x 2 Dump Truck (IHC K-7) and 37-Passenger Bus (IHC K-7 and KS-7), is published for the information and guidance of all concerned.

[A. G. 300.7 (19 Jan 1944)]

BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL,
Chief of Staff.

OFFICIAL:

J. A. ULIO,
Major General,
The Adjutant General.

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PART ONE

GENERAL

Section I

Introduction

1. SCOPE.

a. These instructions* are published for the information and guidance of the personnel to whom this equipment is assigned. They contain information on the operation and maintenance of the International 2½-ton 4 x 2 Dump Truck and 2½-ton 4 x 2 Passenger Bus, as well as descriptions of the major units and their functions in relation to the other components of the vehicle.

b. This manual has the following arrangement:

- (1) Part One, General, contains description and data. It lists the tools, spare parts, and equipment carried on the vehicle. It also lists organizational special tools for the vehicle.
- (2) Part Two, Operating Instructions, contains instructions for the operation of the vehicle, with description and location of the controls and instruments.
- (3) Part Three, Maintenance Instructions, contains information needed for the performance of the scheduled lubrication and preventive maintenance services, and instructions for maintenance operations which are the responsibility of the using organizations (first and second echelons).
- (4) The Appendix contains instructions for shipment and limited storage, and a list of references including Standard Nomenclature Lists, Technical Manuals, and other publications applicable to the vehicles.

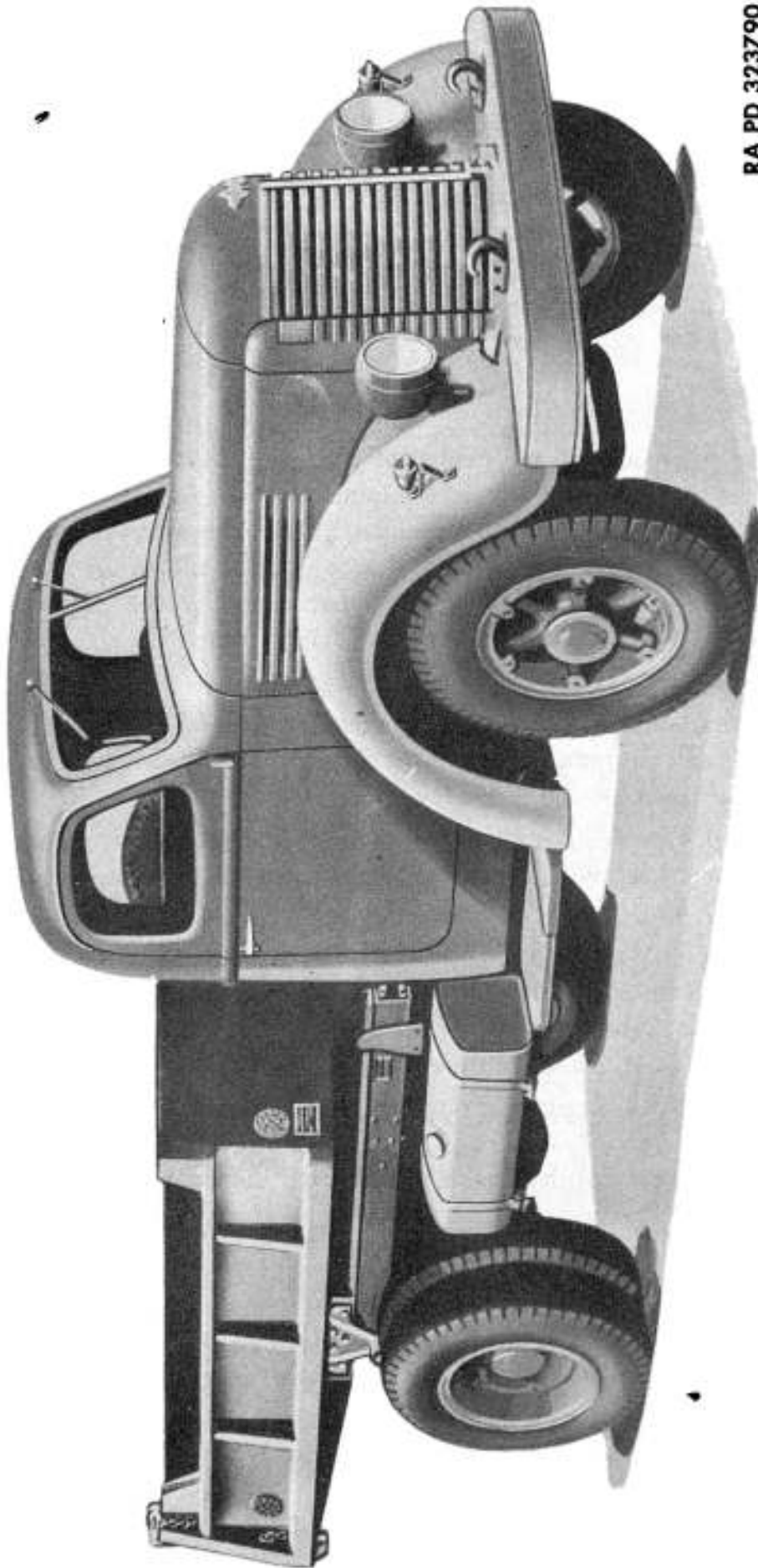
2. RECORDS.

a. Forms and records applicable for use in performing prescribed operations are listed below with brief explanations of each.

- (1) STANDARD FORM NO. 26, DRIVER'S REPORT—ACCIDENT, MOTOR TRANSPORTATION. One copy of this form will be kept with the vehicle at all times. In case of an accident resulting in injury or

*To provide operating instructions with the materiel, this Technical Manual has been published in advance of complete technical review. Any errors or omissions will be corrected by changes or, if extensive, by an early revision.

General



RA PD 323790

Figure 1 — 2½-Ton 4 x 2 Dump Truck (Gallon Dump Body), Right Front View

Introduction

property damage, it will be filled out by the driver on the spot, or as promptly as practical thereafter.

(2) WAR DEPARTMENT FORM NO. 48, DRIVER'S TRIP TICKET AND PREVENTIVE MAINTENANCE SERVICE RECORD. This form, properly executed, will be furnished to the driver when his vehicle is dispatched on nontactical missions. The driver and the official user of the vehicle will complete in detail appropriate parts of this form. These forms need not be issued for vehicles in convoy or on tactical missions. The reverse side of this form contains the driver's daily and weekly preventive maintenance service reminder schedule.

(3) W.D., A.G.O. FORM NO. 478, MWO AND MAJOR UNIT ASSEMBLY REPLACEMENT RECORD. This form, carried with the vehicle, will be used by all personnel completing a modification or major unit assembly (engine, transmission, axle, etc.) replacement to record clearly the description of work completed, date, vehicle hours and/or mileage, and MWO number or nomenclature of unit assembly. Personnel performing the operation will initial in the column provided. Minor repairs, parts, and accessory replacements will not be recorded.

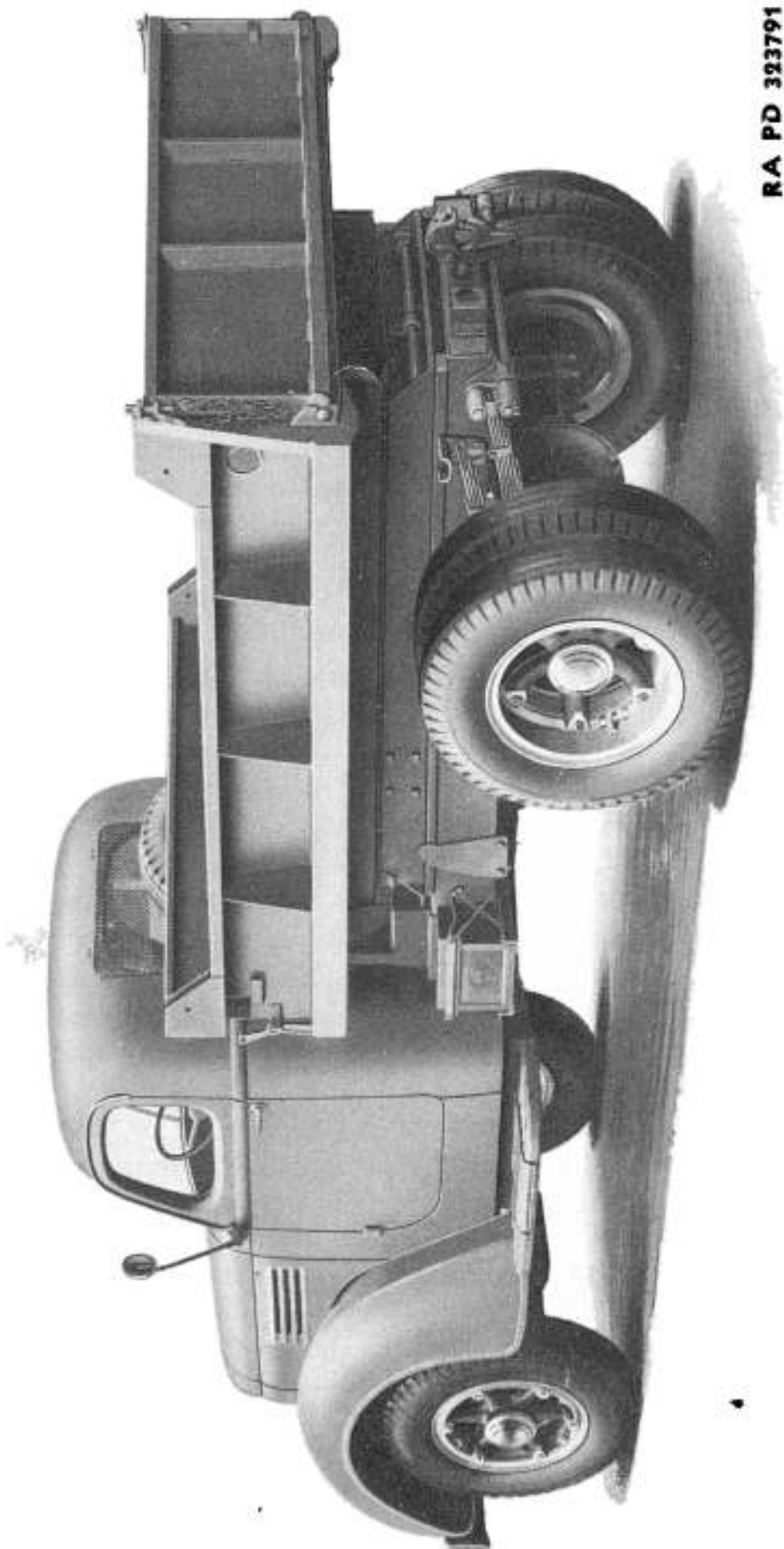
(4) W.D., A.G.O. FORM NO. 6, DUTY ROSTER. This form, slightly modified, will be used for scheduling and maintaining a record of vehicle maintenance operations. It may be used for lubrication records.

(5) W.D., A.G.O. FORM NO. 461, PREVENTIVE MAINTENANCE SERVICE AND TECHNICAL INSPECTION WORK SHEET FOR WHEELED AND HALF-TRACK VEHICLES. This form will be used for all 1,000-mile (monthly) and 6,000-mile (semiannual) maintenance services and all technical inspections performed on wheeled vehicles.

(6) W.D., A.G.O. FORM NO. 9-70, SPOT-CHECK INSPECTION REPORT FOR ALL MOTOR VEHICLES. This form may be used by all commanding officers or their staff representatives in making spot-check inspections on all vehicles.

(7) W.D., A.G.O. FORM NO. 468, UNSATISFACTORY EQUIPMENT REPORT. This form will be used for reporting manufacturing, design, or operational defects in materiel with a view to improving and correcting such defects, and for use in recommending modifications of materiel. This form will not be used for reporting failures, isolated materiel defects, or malfunctions of materiel resulting from fair wear and tear or accidental damage, nor for the replacement, repair, or the issue of parts and equipment. It does not replace currently authorized operational or performance records.

(8) W.D., O.O. FORM NO. 7370, EXCHANGE PART OR UNIT IDENTIFICATION TAG. This tag, properly executed, may be used when exchanging unserviceable items for like serviceable assemblies, parts, vehicles, and tools.



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Figure 2 — 2½-Ton 4 x 2 Dump Truck (Gallon Dump Body), Left Rear View