RESTRICTED

TM 9-808

WAR DEPARTMENT TECHNICAL MANUAL

3/4-TON 4x4 TRUCK (DODGE)

WAR DEPARTMENT • *JANUARY 1944*

¾-TON 4 x 4 TRUCK (DODGE)

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PART ONE—VEHICLE OPERATING INSTRUCTIONS

Section I

INTRODUCTION

1. SCOPE.

a. This technical manual is published for the information and guidance of the using arm personnel charged with the operation and maintenance of this materiel.

b. In addition to a description of the ¾-ton 4 x 4 truck (Dodge), this manual contains technical information required for the identification, use, and care of the materiel. The manual is divided into three parts. Part One, section I through section VIII, contains vehicle operating instructions. Part Two, section IX through section XL, contains vehicle maintenance instructions for using arm personnel charged with the responsibility of doing maintenance work within their jurisdiction. Part Three, section XLI, contains instructions for the shipment and limited storage of this vehicle.

c. In all cases where the nature of the repair, modifications, or adjustment is beyond the scope or facilities of the unit, the responsible ordnance service should be informed so that trained personnel with suitable tools and equipment may be provided, or proper instructions issued.

d. This manual includes operating and organizational maintenance instructions from TM 10-1531, 1 October 1942. Together with TM 9-1808A and TM 9-1808B this manual supersedes TM 10-1531, 1 October 1942.

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Section II

DESCRIPTION AND TABULATED DATA

2. DESCRIPTION.

a. The following models of vehicles are covered by this manual:

Type of Vehicle	Model	Type of Vehicle	Model
Weapon carrier	WC-51	Command	WC-56
Weapon carrier with winch	WC-52	Command with winch	WC-57
Carryall	WC-53	Telephone maintenance	WC-59
Ambulance	WC-54	Emergency repair	WC-60

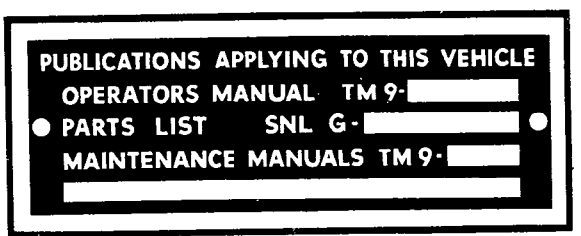

Figure 1—Publication Identification Plate

b. All models are equipped with a liquid-cooled, 6-cylinder, L-head gasoline engine, located at the front of the vehicle. Engine power is transmitted from the four-speed transmission through a short propeller shaft to the transfer case, and thence to both front and rear axles. The vehicles may be driven with all four wheels or with rear wheels only.

c. A manual identification plate is attached to the instrument panel of each vehicle to designate the technical manual number and parts list number pertaining to the vehicle (fig. 1).

d. A serial number plate is attached to the instrument panel of each vehicle. This plate gives pertinent vehicle information such as model, serial number, weights, fuel and oil recommendations (fig. 2).

e. The steering gear of all models is mounted on the left side; therefore, all models are known as "left-hand drive" vehicles. Throughout this manual, the use of the terms "left" and "right" indicate positions in relation to the location of the steering gear; "left" means the steering gear side; "right" means the side opposite steering gear.

DESCRIPTION AND TABULATED DATA

3. DIFFERENCES AMONG MODELS.

a. Weapon Carrier; Models WC-51 and WC-52 (figs. 3 and 4). The difference between models WC-51 and WC-52 is that the latter is equipped with a power take-off and a drive shaft for the winch mounted at the front of the vehicle. Both models can be identified

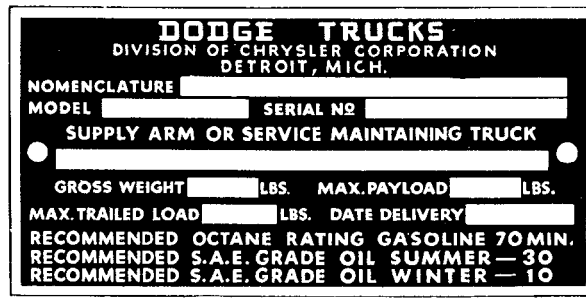

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Figure 2—Serial Number Plate

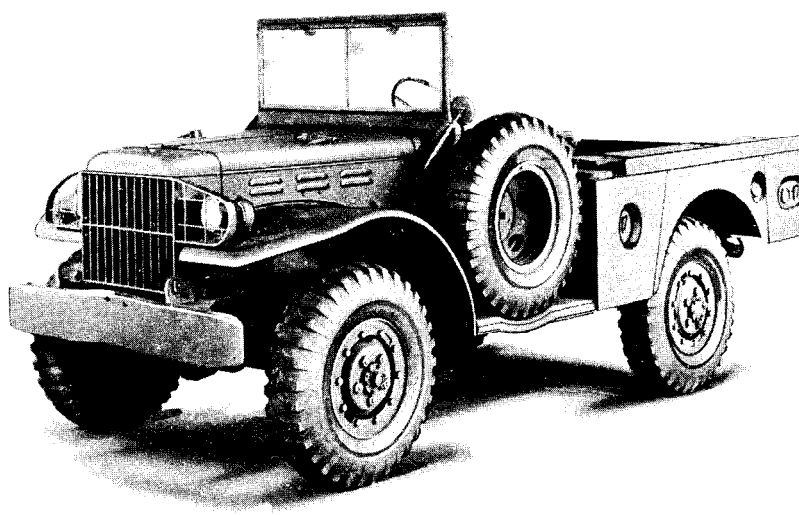

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Figure 3—Weapon Carrier (Model WC-51)—Left Front View

by the open driver's compartment and weapon carrier body with tarpaulin mounted behind the driver's compartment. The electrical system of both models is 6-volt with the battery located under the hood.

b. Carryall; Model WC-53 (fig. 5). This model can be identified by its closed body with side windows. The electrical system is 12-volt

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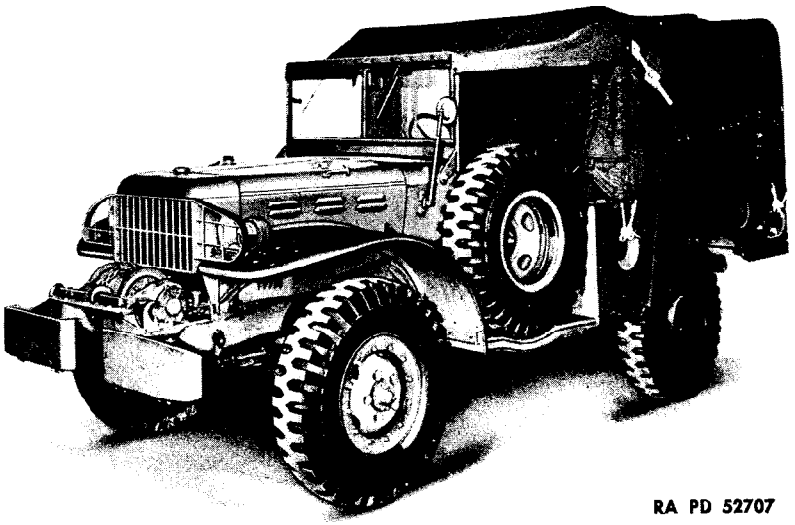

Figure 4—Weapon Carrier (Model WC-52) with Winch—Left Front View

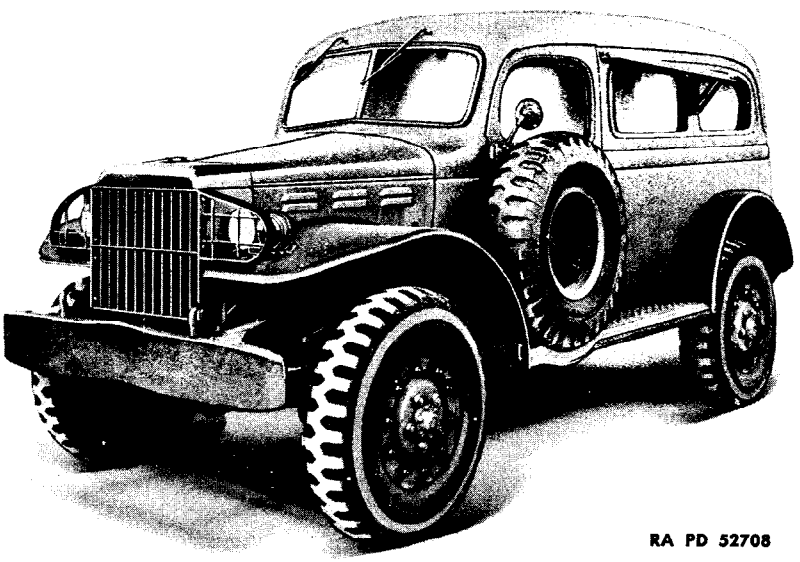

Figure 5—Carryall (Model WC-53)—Left Front View

DESCRIPTION AND TABULATED DATA

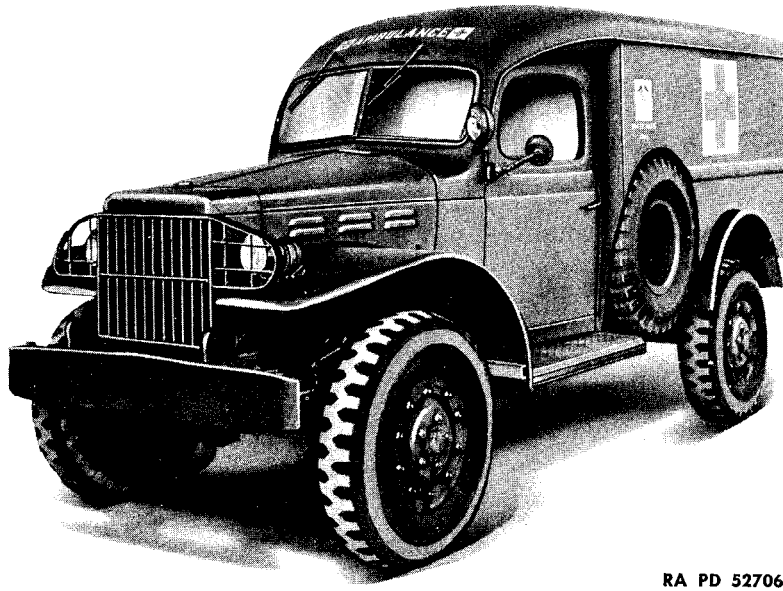

Figure 6—Ambulance (Model WC-54)—Left Front View

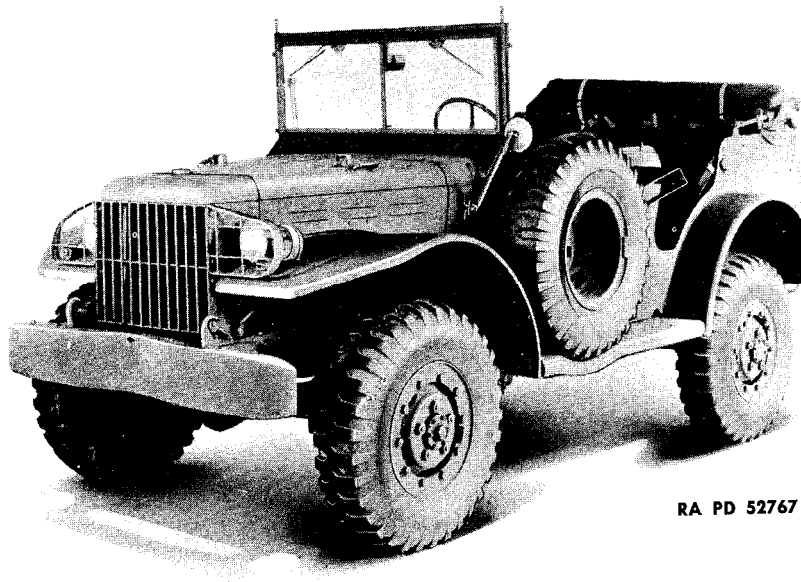

Figure 7—Command (Model WC-56)—Left Front View

with battery located on right running board, and provision is made for the installation of radio equipment.

c. Ambulance; Model WC-54 (fig. 6). This model can be identified by the large cross on each side of the body. It contains equipment for the care of wounded personnel. The electrical system is 6-volt with battery located under the hood.

d. Command; Models WC-56 and WC-57 (figs. 7 and 8). The difference between models WC-56 and WC-57 is that the latter is equipped with a power take-off and a drive shaft for the winch mounted at the front of the vehicle. Both models can be identified by the open type body with folding top and side curtains. The electrical system of both models is 12-volt with battery located on the right running board and provision is made for the installation of radio equipment behind the front seat.

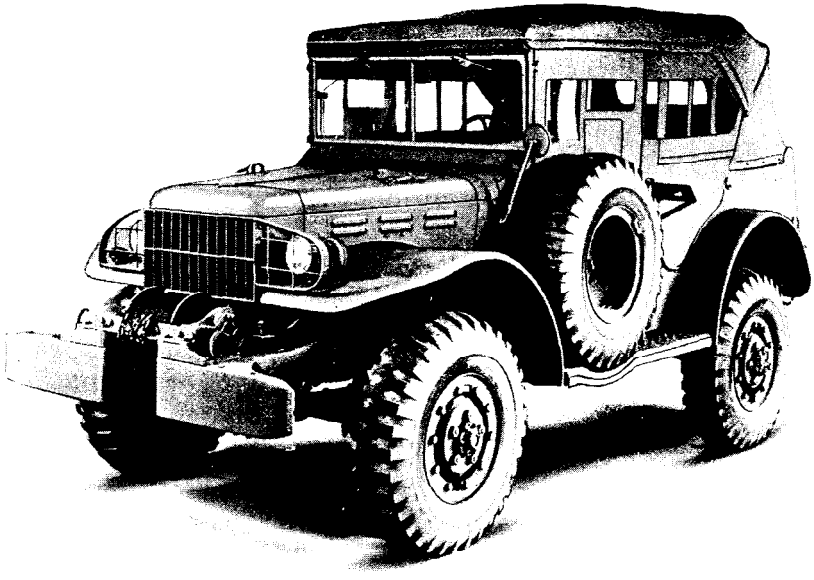

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Figure 8—Command (Model WC-57) with Winch—Left Front View

e. Telephone Maintenance; Model WC-59 (fig. 9). This model can be identified by its open cab and box-shaped body with extension ladder mounted on the left side. The electrical system is 6-volt with battery located under the hood.

f. Emergency Repair; Model WC-60 (fig. 10). This vehicle is equipped with a body containing ordnance repair equipment. The electrical system is 6-volt with battery located under the hood.

DESCRIPTION AND TABULATED DATA

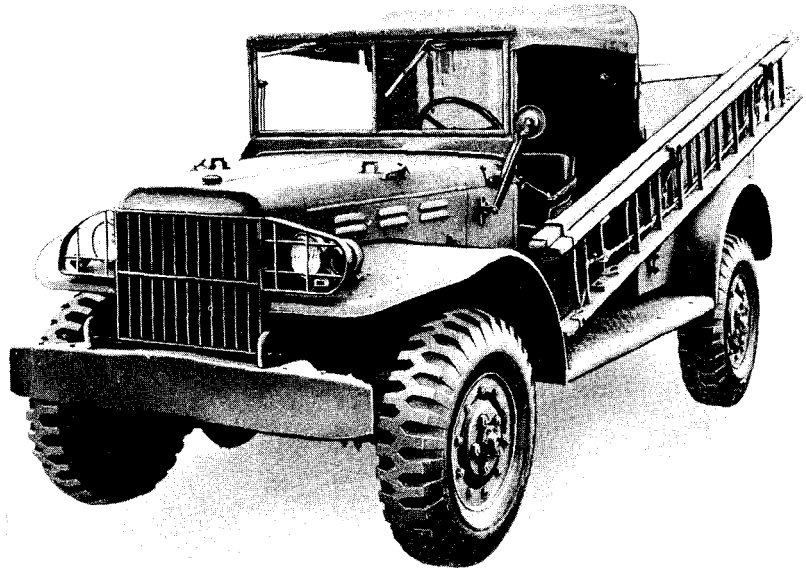

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Figure 9—Telephone Maintenance (Model WC-59)—Left Front View

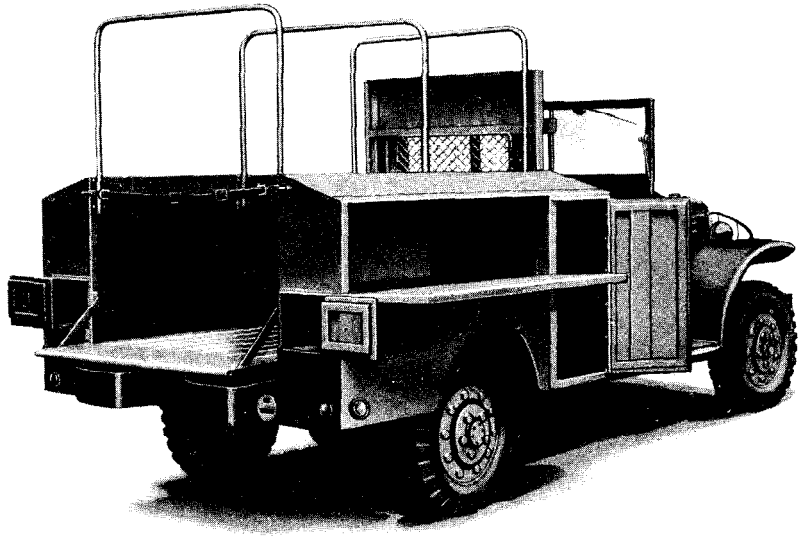

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Figure 10—Emergency Repair (Model WC-60)—Right Rear View