

TM 9-1775

WAR DEPARTMENT TECHNICAL MANUAL

ORDNANCE MAINTENANCE

Clutch, Power Take-off, Bilge Pump,
Tracks and Suspension and Hull for
Landing Vehicles Tracked (Unarmored)
Mk II (LVT)(2), (Armored) Mk II
(LVT)(A)(2), (Armored) with Turret
Mk I (LVT)(A)(1)

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 18b, AR 380-5, 28 September 1942.)

WAR DEPARTMENT

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12 FEBRUARY 1944

FOR ORDNANCE PERSONNEL ONLY

*WAR DEPARTMENT TECHNICAL MANUAL**TM 9-1775**ORDNANCE MAINTENANCE*

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WAR DEPARTMENT

Washington 25, D. C., 12 February 1944

TM 9-1775, Ordnance Maintenance—Clutch, Power Take-off, Bilge Pump, Tracks and Suspension and Hull for Landing Vehicles Tracked (Unarmored) Mk II (LVT)(2), (Armored) Mk II (LVT)(A)(2), (Armored) with Turret Mk I (LVT)(A)(1), is published for the information and guidance of all concerned.

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

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CHAPTER 1

INTRODUCTION

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1. SCOPE.

a. The instructions contained in this manual are for the information and guidance of personnel charged with the maintenance and repair of the Landing Vehicle Tracked, Mark II (LVT (2)) (unarmored), Mark II (LVT (A) (2)) (armored), and Mark I (LVT (A) (1)) (armored, with turret). These instructions are supplementary to field 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 TM's or FM's.

b. This manual contains a description of and procedure for, the disassembly, cleaning, inspection, repair, and assembly of the clutch, propeller shaft and universal joints, power take-off, bilge pump and bilge pump drive shaft, exterior final drive shaft, tracks and suspension, engine room and cab fans, and controls and levers. Brief, generalized instruction covering the maintenance of the hull and pontoons also is included.

c. TM 9-775 contains operating and organizational maintenance instructions for these vehicles.

d. TM 9-1726, Continental Engine, Model W670-9A, contains a description of, and procedure for the disassembly, cleaning, inspection, repair, and assembly of the Continental Engine, Model W670-9A.

e. TM 9-1728, Power Train for Light Tanks M3 and M3A1, contains a description of, and procedure for, the disassembly, cleaning, inspection, repair, and assembly of the transmission and interior final drive. Disregard instructions in TM 9-1728 covering the removal and installation of the transmission. For the correct procedure applicable to the Landing Vehicle Tracked, refer to TM 9-775.

f. TM 9-1726A, Generating, Starting, and Ignition Systems for Light Tanks M3 and Modifications, contains a description of, and procedure for, the disassembly, cleaning, inspection, repair, assembly, and test of the electrical units in the generating, starting, and ignition systems. Disregard instructions in TM 9-1726A covering removal and installation of electrical units from the vehicle and from the engine. For the correct procedure applicable to the Landing Vehicles Tracked, refer to TM 9-775.

g. TM 9-1726F, Fuel and Lubrication Systems for Light Tanks M3 and M3A1, contains a description of, and procedure for, the dis-

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**ORDNANCE MAINTENANCE –
COMPONENTS OF LVT MK I (ARMORED) AND MK II**

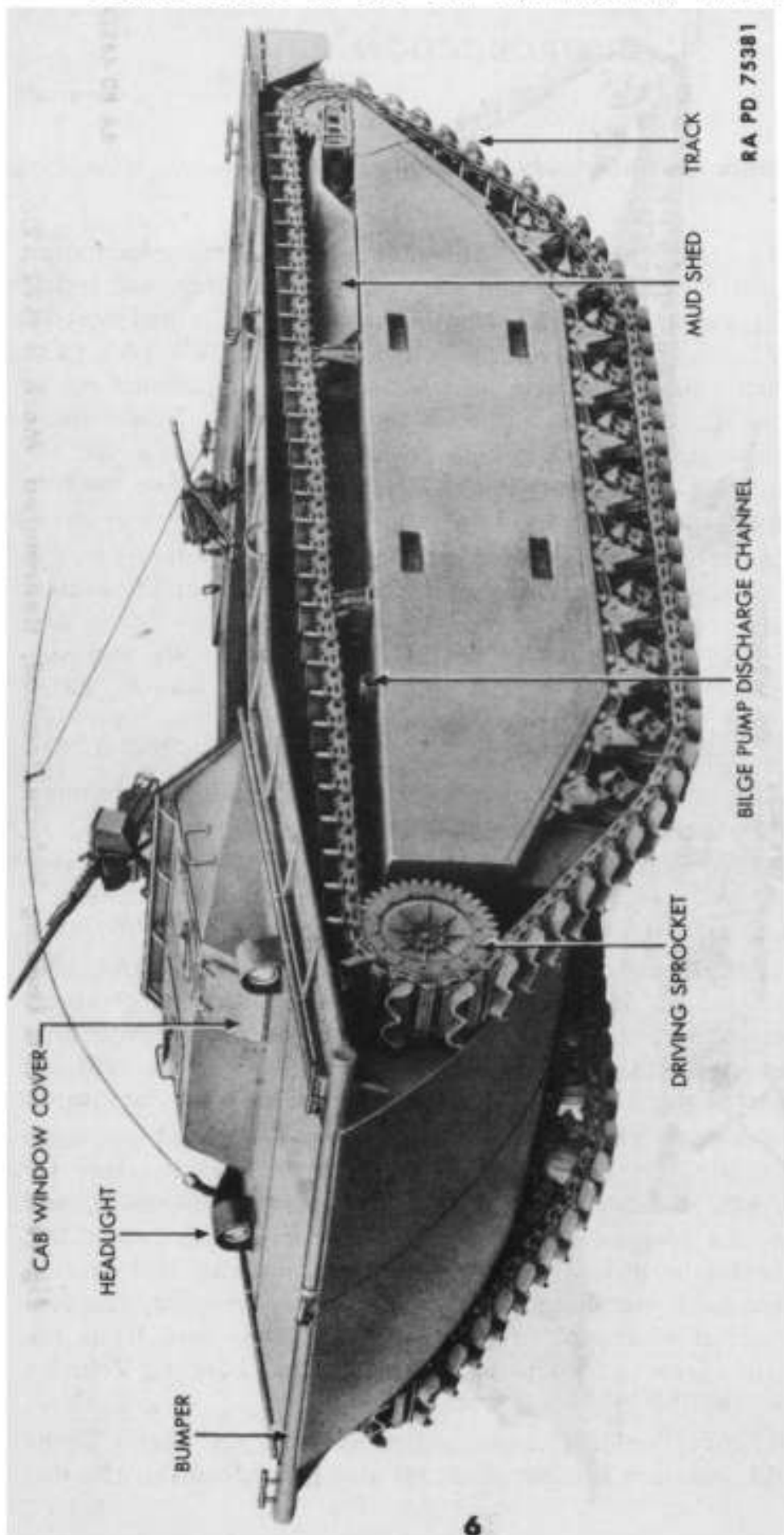


Figure 1 – 3/4 Front, Landing Vehicle Tracked, Armored, Mark II (LVT (A) (2))

INTRODUCTION

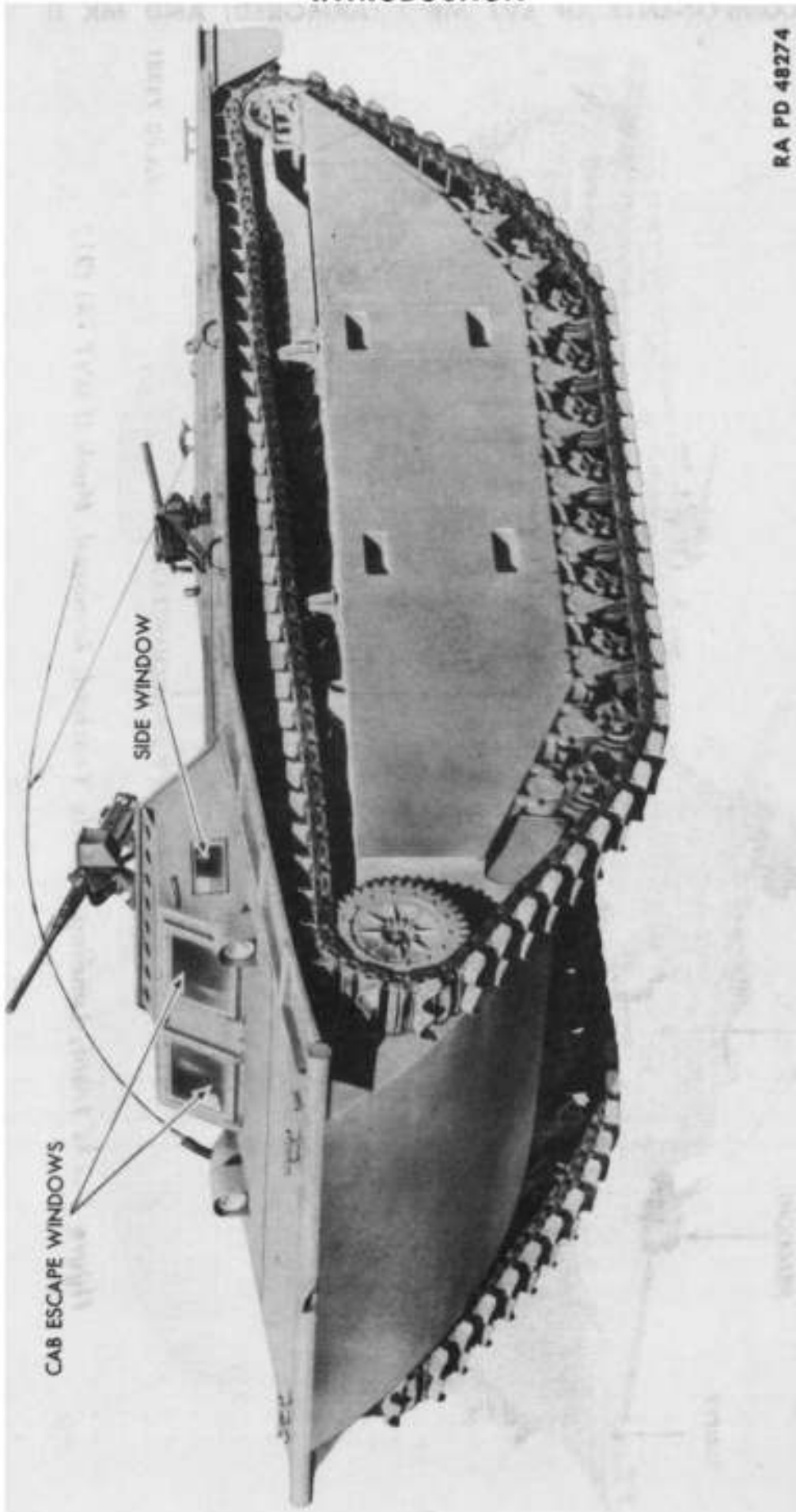


Figure 2 — ¾ Front, Landing Vehicle Tracked, Unarmored, Mark II (LVT (2))

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**ORDNANCE MAINTENANCE —
COMPONENTS OF LVT MK I (ARMORED) AND MK II**

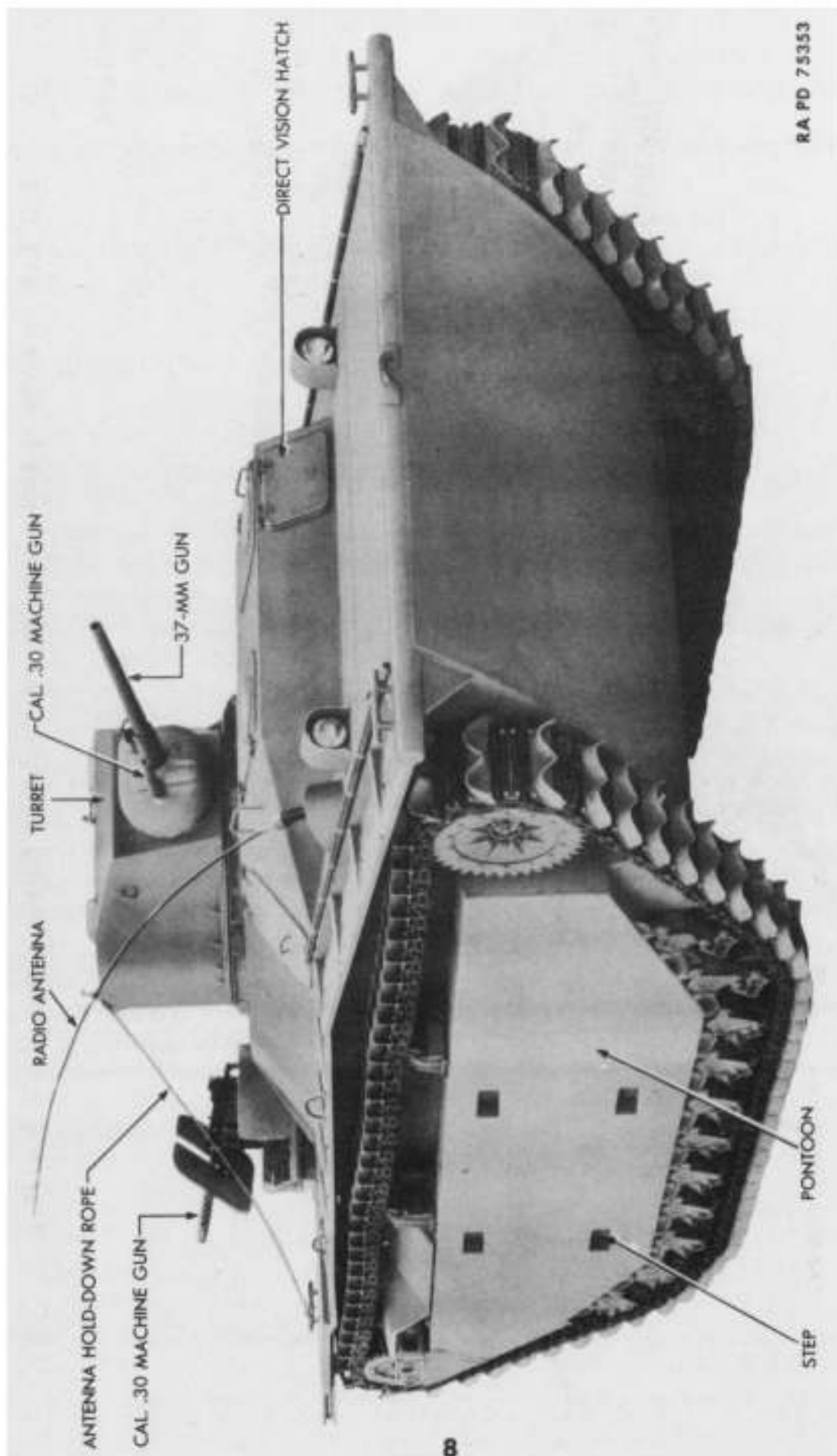


Figure 3 — 3/4 Front, Landing Vehicle Tracked, Armored, Mark I (LVT (A) (1))