TECHNICAL MANUAL

**OPERATOR, ORGANIZATIONAL,
DIRECT SUPPORT, AND GENERAL SUPPORT**

**MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL
TOOLS LIST)
FOR**

BULLDOZER, EARTH MOVING:
TANK MOUNTING, M9
(2590-00-708-3563)

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OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT,

AND GENERAL SUPPORT MAINTENANCE MANUAL

(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIT)

FOR

BULIDOZBR, EARTH MOVING: TANK MOUITING, M9

(2350-00T-7-51U)

CURRENT AS OF 1 MAY 1982

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual to: Commander, U.S. Army Tank Automotive Command, ATTN: DRSTA- A, Warren, Michigan 48090. A reply will be furnished to you.

***This manual supersedes TM 9-2590-209-14, 29 April 1963, Including all changes.**

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope.

a. This manual is for your use in operating and performing organizational, direct support, and general support maintenance on the Bulldozer, Earth-Moving: Tank Mounting, M9 as applied to Tank, Combat, Full-Tracked: 105-mm Gun, M60, M60A1, M60A1 RISE, and M60A3.

b. Only vehicles having a top loading air cleaner can be reworked to accept the M9 bulldozer kit. The air breather rework and parts installation are not compatible with side loading air cleaner.

c. Vehicles with a stabilization system must be reworked so that system can be actuated with a bulldozer kit installed.

1-2. Maintenance Forms and Records. Maintenance forms and records which you are required to use are listed and explained in TM 38-750.

1-3. Administrative Storage. Refer to TM 740-90-1 for information on administrative storage.

1-4. Destruction of Army Materiel to Prevent Enemy Use. Refer to TM 750-244-6 and TM 750-244-7 for instructions on destruction of Army materiel to prevent enemy use.

1-5. Quality Assurance/Quality Control (QA/QC). No particular quality assurance or quality control manual pertains specifically to the M9 Bulldozer.

1-5.1 Hand Receipt Manuals. This manual has a companion document with a TM number followed by "-HR" (which stands for Hand Receipt). The TM 9-2590-209-14-HR consists of preprinted hand receipts (DA Form 2062) that list end item related equipment (i.e., COEI, BII, and AAL) you must account for. As an aid to property accountability, additional -HR Manuals may be requisitioned from the following source in accordance with procedures in Chapter 3, AR 310-2:

The US Army AG Publication Center
2800 Eastern Blvd.
Baltimore, MD 21220

1-6. Reporting Equipment Improvement Recommendations (EIR). EIR's will be prepared on SF368. Instructions for preparing SF368 are provided in TM 38-750, The Army Maintenance Management System (TAMMS). Mail SF368 directly to: Commander, U.S. Army Tank Automotive Materiel Command. ATTN: DRSTA-MP, Warren, Michigan 48090. A reply will be furnished directly to you.

Section II. DESCRIPTION AND TABULATED DATA

1-7. Description. The M9 bulldozer kit is a hydraulically operated unit which can be mounted on the M60, M60A1, M60A1 RISE and M60A3 tanks (fig 1-1). The M9 bulldozer kit consists of the following major assemblies: (1) a blade assembly with pushbeams and tilt arms; (2) magnetic clutch and controls; (3) blade assembly control handle and linkage; (4) carrying hooks and handle; (5) hydraulic control system consisting of mounting assembly, right-angle drive power takeoff, oil reservoir, control valve manifold, hydraulic cylinders, tubing and hoses; (6) armor guards, and (7) electrical system including headlamp adapter, power takeoff switch, cables, and related parts.