

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,
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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.

		Paragraph	Page
CHAPTER 1.	INTRODUCTION		
Section I.	General.....	1-1	1-1
Section II.	Description and tabulated data	1-7	1-1
CHAPTER 2	OPERATING INSTRUCTIONS		
Section I.	Operating instructions	2-1	2-1
Section II.	Operator/crew preventive maintenance checks and services (PMCS)	2-4	2-8
Section II.	Operation under unusual conditions.....	2-7	2-11
CHAPTER 3.	OPERATOR/CREW MAINTENANCE INSTRUCTIONS		
Section I.	Lubrication instructions.....	3-1	3-1
Section II.	Troubleshooting	3-4	3-1
CHAPTER 4.	ORGANIZATIONAL MAINTENANCE INSTRUCTIONS		
Section I.	Lubrication instructions.....	4-1	4-1
Section II.	Organizational preventive maintenance checks and services (PMCS)	4-4	4-1
Section III.	Maintenance of headlamp adapter.....	4-7	4-5
Section IV.	Maintenance of blade. assembly.....	4-13	4-8

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

		Paragraph	Page
CHAPTER 4	ORGANIZATIONAL MAINTENANCE INSTRUCTIONS - Continued		
	V. Maintenance of blade assembly cutting edge	4-18	4-12
	VI. Maintenance of pushbeam.....	4-20	4-13
	VII. Maintenance of tilt arm.....	4-24	4-15
	VIII. Maintenance of hydraulic hoses, tubes, lines, and fittings.....	4-28	4-17
	IX. Maintenance of hydraulic cylinder assembly and guards	4-32	4-23
	X. Maintenance of blade and cylinder mounting brackets.....	4-37	4-26
	XI. Maintenance of manifold assembly	4-43	4-28
	XII. Maintenance of manifold unloader assembly	4-47	4-32
	XIII. Maintenance of manifold control valve assembly	4-52	4-33
	XIV. Maintenance of blade assembly carrying hooks and shafts.....	4-55	4-35
Section	XV. Maintenance of reservoir	4-5	4-37
	XVI. Maintenance of magnetic clutch	4-66	4-41
	XVII. Maintenance of power takeoff right-angle drive.....	4-71	4-45
	XVIII. Maintenance of hydraulic pump assembly	4-76	4-46
	XIX. Maintenance of power takeoff sprocket assembly	4-81	4-48
	XX. Maintenance of blade control lever and linkage	4-86	4-49
	XXI. Maintenance of electrical system.....	4-89	4-58
	XXII. Maintenance of air vent line	4-95	4-64
	XXIII. Troubleshooting	4-101	4-66
CHAPTER 5	DIRECT AND GENERAL SUPPORT MAINTENANCE INSTRUCTIONS		
Section	I. Service upon receipt of materiel	5-1	5-1
	II. General maintenance.....	5-4	5-1
CHAPTER 6	REPAIR INSTRUCTIONS		
Section	I. Replacement of emergency lifting cable	6-1	6-1
	II. Repair of magnetic clutch	6-4	6-2
	III. Repair of hydraulic pump assembly	6-12	6-5
	IV. Repair of power takeoff right-angle drive	6-19	6-8
	V. Repair of blade assembly cylinder and ram	6-27	6-13
CHAPTER 7	FINAL INSPECTION	7-1	7-1
CHAPTER 8	REWORK VEHICLE COMPONENTS FOR KIT INSTALLATION		
Section	I. Preparation of vehicle	8-1	8-1
	II. Rework of tank	8-3	8-1
CHAPTER 9	INSTALLATION		
Section	I. General	9-1	9-1
	II. Installation of control valve manifold assembly.....	9-2	9-1
	III. Installation of linkage guards	9-4	9-1
	IV. Installation of exterior control assembly.....	9-6	9-5

		Paragraph	Page
CHAPTER 9	INSTALLATION - Continued		
	V. Installation of blade assembly manual control lever and linkage	9-8	9-6
	VI. Installation of power takeoff, sprocket assembly, hoses, and bracket	9-10	9-6
	VII. Installation of reservoir and tubing	9-12	9-10
	VIII. Installation of manifold tubes and guards	9-18	9-17
	IX. Installation of mounting brackets, cylinders, and guards	9-22	9-21
	X. Installation of blade assembly	9-27	9-26
	XI. Installation of carrying hooks	9-29	9-27
	XII. Installation of headlamps and guards	9-31	9-28
	XIII. Installation of electrical system	9-33	9-28
	XIV. Hydraulic system checkout procedure	9-36	9-31
	XV. Installation of reservoir vent line	9-39	9-34
	XVI. Installation of gunner's stabilization guard	9-41	9-38
CHAPTER 10	OPERATION AND MAINTENANCE OF PECULIAR COMPONENTS FOR EARLY MODEL M9 BULLDOZER		
Section	I. General	10-1	10-1
	II. Description and tabulated data	10-2	10-1
	III. Operating instructions	10-7	10-2
	IV. Operator/crew preventive maintenance checks and services (PMCS)	10-15	10-10
	V. Operator/crew maintenance instructions	10-17	10-12
	VI. Organizational maintenance instructions	10-19	10-12
	VII. Repair instructions	10-35	10-45
	VIII. Rework of vehicle components for kit installation	10-38	10-51
	IX. Installation	10-40	10-51
APPENDIX	A. REFERENCES	A-1	A-1
	B. COMPONENTS OF END ITEM LIST		B-1
	C. ADDITIONAL AUTHORIZATION LIST		C-1
	D. MAINTENANCE ALLOCATION CHART		D-1
APPENDIX	E. REPAIR PARTS AND SPECIAL TOOLS LIST		
Section	I. Introduction	E-1	E-1
	II. Repair parts list		
Group	06 Electrical System	Figure	
	0608 Power take-off electrical switch, cables, and related parts	E-1	E-8
	0609 Headlamp adapter assembly	E-2	E-12

			Figure	Page
Group	13	Wheels and Tracks		
		1301 Torsion bar anchor, volute spring spacer, and related parts.....	E-3	E-14
Group	20	Power Take-off		
		20041 Power take-off assembly.....	E-4	E-16
		20042 Right-angle drive, clutch, and hydraulic pump, mounting bracket and related parts	E-5	E-18
		20043 Hydraulic right-angle drive magnetic clutch	E-6	E-20
		20044 Hydraulic pump side mount and sprocket assembly	E-7	E-22
		2006 Control linkage.....	E-8	E-24
		20061 Bulldozer control lever and linkage	E-9	E-26
		20062 Control valve manifold	E-10	E-28
		20063 Moldboard mounting brackets and related parts.....	E-11	E-30
		20064 Pushbeams and related parts.....	E-12	E-32
		20065 Moldboard, tilt arms, and related parts.....	E-13	E-34
		20066 Moldboard carrying hooks, control handle and related parts.....	E-14	E-36
		20067 Hose guard and valve guard to mounting bracket and manifold.....	E-15	E-38
		20068 Reservoir hoses and guards	E-16	E-40
		20069 Access plate, elbows, and armor tubes.....	E-17	E-42
		200610 Cylinder guards.....	E-18	E-44
		200611 Headlamp brush guard.....	E-19	E-46
		200612 Gunner's stabilization guard	E-20	E-48
		2401 Hydraulic pump assembly	E-21	E-49
		2407 Hydraulic cylinder.....	E-22	E-50
		24071 Hose assemblies to elbows	E-23	E-54
		24072 Tubes and hoses to manifold valve	E-24	E-56
		2408 Reservoir	E-25	E-58
Section	III.	Special tools list		
Group	26	Tools and Test Equipment		
		2604 Special tools.....	E-26	E-62
Section	IV.	Repair parts list (early model bulldozer)		
Group	06	Electrical System (Early Model Bulldozer)		
		0609 Lights (early model bulldozer).....	E-27	E-64
		2004 Hydraulic pump clutch (early model bulldozer)	E-28	E-66
		20041 Clutch control linkage (early model bulldozer)	E-29	E-68
		20042 Power take-off assembly (early model bulldozer).....	E-30	E-70
		20043 Reservoir (early model bulldozer).....	E-31	E-72
		2006 Pushbeams and related parts (early model bulldozer)	E-32	E-74
		200613 Moldboard, tilt arms, and related parts (early model bulldozer)	E-33	E-76

		Figure	Page
	200614 Moldboard carrying hooks, control handle, and related parts (early model bulldozer)	E-34	E-78
	200615 Cylinder guards (early model bulldozer)	E-35	E-80
	200616 Headlamp brush guard (early model bulldozer).	E-36	E-82
Section	V. National stock number and part number index	-	
APPENDIX F	EXPENDABLE SUPPLIES AND MATERIALS LIST		F-1
INDEX			Index-1

LIST OF ILLUSTRATIONS

Figure	Title	Page
1-1.	Bulldozer, Earth Moving: Tank Mounting, M9 Mounted.....	1-3
1-2.	Identification Plate	1-3
1-3.	Special Tools	1-4
2-1.	Controls	2-1
2-2.	Preliminary Operating Procedures	2-3
2-3.	Control Positions of Blade Assembly Manual Control Lever	2-4
2-4.	Operating Bulldozer in Float Position	2-5
2-5.	Operating Bulldozer in Hold Position.....	2-6
2-6.	Removing Bulldozer from Operation	2-7
2-7.	Emergency Lifting Cables - Stowed on Blade Assembly.....	2-12
2-8.	Emergency Lifting Procedures	2-13
3-1.	Operator/Crew Lubrication Guide.....	3-3
4-1.	Organizational Maintenance Lubrication Guide	
	(Sheet 1 of 2)	4-2
4-1.	Organizational Maintenance Lubrication Guide	
	(Sheet 2 of 2)	4-3
4-2.	Removal or Installation of Headlamp Adapter	4-6
4-3.	Disassembly or Assembly of Headlamp Adapter	4-7
4-4.	Removal or Installation of Blade Assembly (Sheet 1 of 2)	4-10
4-4.	Removal or Installation of Blade Assembly (Sheet 2 of 2)	4-11
4-5.	Disassembly or Assembly of Blade Assembly.....	4-11
4-6.	Removal or Installation of Cutting Edge	4-13
4-7.	Removal or Installation of Pushbeam Assemblies	4-14
4-8.	Removal or Installation of Tilt Arms.....	4-16
4-9.	Removal or Installation of Rear Tube Assemblies	
	(Sheet 1 of 3)	4-19
4-9.	Removal or Installation of Rear Tube Assemblies	
	(Sheet 2 of 3)	4-20
4-9.	Removal or Installation of Rear Tube Assemblies	
	(Sheet 3 of 3)	4-21
4-10.	Removal or Installation of Lower Hoses, Tubes, and Guards	4-22
4-11.	Removal or Installation of Cylinder Assembly and Guards	
	(Sheet 1 of 2).4	4-24
4-11.	Removal or Installation of Cylinder Assembly and Guards	
	(Sheet 2 of 2).	4-25
4-12.	Removal or Installation of Blade and Cylinder Mounting	
	Bracket	4-27
4-13.	Removal or Installation of Manifold Assembly	
	(Sheet 1 of 2)	4-30
4-13.	Removal or Installation of Manifold Assembly	
	(Sheet 2 of 2)	4-31
4-14.	Removal, Disassembly, Assembly, or Installation of	
	Manifold Unloader Assembly	4-32
4-15.	Removal or Installation of Manifold Control Valve	
	Assembly	4-34
4-16.	Removal or Installation of Carrying Hooks and Shafts.....	4-36
4-17.	Removal or Installation of Reservoir Assembly.....	4-38
4-18.	Disassembly or Assembly of Reservoir Assembly	4-39
4-19.	Repair of Reservoir Assembly Manifold	4-40
4-20.	Removal or Installation of Power Takeoff Assembly	4-43

LIST OF ILLUSTRATIONS

Figure	Title	Page
4-21.	Disassembly or Assembly of Power Takeoff Assembly Right-Angle Drive, Magnetic Clutch, and Hydraulic Pump Assembly	4-44
4-22.	Disassembly or Assembly of Power Takeoff Sprocket Assembly	4-49
4-23.	Removal or Installation of Control Linkage.....	4-51
4-24.	Removal or Installation of Bracket and Control Rods.....	4-52
4-25.	Removal or Installation of Guard to Manifold	4-53
4-26.	Removal or Installation of Control Valve Linkage.....	4-54
4-27.	Removal or Installation of Front Right Torsion Bar Housing Guard	4-54
4-28.	Removal or Installation of Blade Control Assembly.....	4-57
4-29.	Removal or Installation of Electrical System Components (Sheet 1 of 2) (M60 only)	4-59
4-29.	Removal or Installation of Electrical System Components (Sheet 2 of 2) (M60A1, M60A1 RISE, and M60A3 W/O Smoke Generator	4-60
4-30.	Repair of Lamp Assembly	4-61
4-31.	Bulldozer Electrical Circuit - Schematic Diagram	4-63
4-32.	Removal or Installation of Hydraulic Reservoir Air Vent Line Filter and Attaching Parts.....	4-65
4-33.	Disassembly or Assembly of Hydraulic Reservoir Air Vent Line Filter	4-66
6-1.	Removal or Installation of Cable Stowage Clamp	6-1
6-2.	Removal or Installation of Emergency Lifting Cable.....	6-1
6-3.	Disassembly or Assembly of Magnetic Clutch.....	6-3
6-4.	Adjustment of Magnetic Clutch.....	6-5
6-5.	Disassembly or Assembly of Hydraulic Pump Assembly	6-6
6-6.	Disassembly or Assembly of Power Takeoff Right-Angle Drive	6-10
6-7.	Adjustment Dimensions for Power Takeoff Right-Angle Drive	6-13
6-8.	Disassembly or Assembly of Blade Assembly Cylinder and Ram	6-15
6-9.	Testing Arrangements for Hydraulic Cylinder and Ram.....	6-17
8-1.	Templates and Fixtures (Sheet 1 of 2)	8-2
8-1.	Templates and Fixtures (Sheet 2 of 2)	8-3
8-2.	Rework of Transmission Shroud for Access Door Opening (Early Model Bulldozer)	8-4
8-3.	Hinge Build-Up and Hinge Pin Reversal	8-5
8-4.	Welding Mounting Lugs in Place (Sheet 1 of 2)	8-6
8-4.	Welding Mounting Lugs in Place (Sheet 2 of 2)	8-7
8-5.	Rework of Left Rear Fender	8-7
8-6.	Rework of Left Front Fender	8-8
8-7.	Rework of Left Rear Fender Stowage	8-8
8-8.	Rework of Master Control Panel (M60)	8-9
8-9.	Rework of Shock Absorber and Volute Springs	8-12
8-10.	Rework of Suspension System (Sheet 1 of 2).....	8-13
8-10.	Rework of Suspension System (Sheet 2 of 2).....	8-14
8-11.	Rework of Number 5 Left Outrigger and Air Cleaner Box	8-16

LIST OF ILLUSTRATIONS

Figure	Title	Page
8-12.	Rework of Manifold Assembly Mounting Lug	8-17
8-13.	Rework of Ram Head	8-18
8-14.	Rework of Gas Particulate Precleaner Filter Assembly.....	8-19
8-15.	Rework of Hydraulic Pump Control Panel Bracket (Vehicles with Smoke Generator).....	8-20
9-1.	Installation of Manifold Assembly (Sheet 1 of 2)	9-2
9-1.	Installation of Manifold Assembly (Sheet 2 of 2)	9-3
9-2.	Installation of Exterior Linkage Guards.....	9-4
9-3.	Installation of Exterior Control Assembly.....	9-5
9-4.	Installation of Blade Assembly Manual Control Lever and Linkage (M60) -	9-7
9-5.	Installation of Blade Assembly Manual Control Lever and Linkage (M60A1, M60AI RISE, or M60A3).....	9-8
9-6.	Installation of Power Takeoff, Sprocket Assembly, Hoses, and Bracket (Sheet 1 of 2).....	9-9
9-6.	Installation of Power Takeoff, Sprocket Assembly, Hoses, and Bracket (Sheet 2 of 2).....	9-10
9-7.	Tubing and Hoses - Installed View	9-11
9-8.	Installation of Plates and Elbows.....	9-12
9-9.	Installation of Armor Tubes and Reservoir	9-14
9-10.	Installation of Reservoir Hoses and Guards.....	9-15
9-11.	Securing Components after Installation of Reservoir, Guards, and Tubing	9-16
9-12.	Installation of Manifold Tubes and Guards.....	9-18
9-13.	Installation of Tubes and Hoses to Manifold Valve.....	9-19
9-14.	Alteration and Installation of Blocks.....	9-20
9-15.	Installation of Mounting Brackets.....	9-22
9-16.	Installation of Cylinder and Ram Assemblies	9-23
9-17.	Installation of Cylinder Hoses and Guards	9-24
9-18.	Installation of Cylinder and Guards.....	9-25
9-19.	Installation of Blade Assembly.....	9-26
9-20.	Installation of Carrying Hooks.....	9-27
9-21.	Installation of Headlamps and Guards	9-30
9-22.	Installation of Electrical System (M60)	9-32
9-23.	Installation of Electrical System (M6BOA1, M6OA1 RISE, and MBO0A3)	9-33
9-24.	Hydraulic System Diagram	9-35
9-25.	Removal of Oil Filter	9-36
9-26.	Installation of Reservoir Vent Line.....	9-37
9-27.	Installation of Gunner's Stabilization Guard.....	9-38
10-1.	Special Tool (Early Model Bulldozer).....	10-2
10-2.	Controls (Early Model Bulldozer).....	10-4
10-3.	Preliminary Operating Procedure (Early Model Bulldozer).....	10-5
10-4.	Operating Bulldozer in Hold Position (Early Model Bulldozer).....	10-6
10-5.	Operating Bulldozer in Float Position (Early Model Bulldozer).....	10-7
10-6.	Removing Bulldozer from Operation (Early Model Bulldozer).....	10-9
10-7.	Lubrication Guide for Early Model Bulldozer (Sheet 1 of 2).....	10-13
10-7.	Lubrication Guide for Early Model Bulldozer (Sheet 2 of 2).....	10-14

LIST OF ILLUSTRATIONS

Figure	Title	Page
10-8.	Removal or Installation of Headlamp Adapter (Early Model Bulldozer).....	10-16
10-9.	Disassembly or Assembly of Headlamp Adapter (Early Model Bulldozer)	10-18
10-10.	Removal or Installation of Blade Assembly (Sheet 1 of 2)	10-20
10-10.	Removal or Installation of Blade Assembly (Sheet 2 of 2)	10-21
10-11.	Disassembly or Assembly of Blade Assembly.....	10-22
10-12.	Removal or Installation of Pushbeam Assemblies	10-24
10-13.	Removal or Installation of Tilt Arms	10-25
10-14.	Removal or Installation of Reservoir Assembly.....	10-27
10-15.	Disassembly or Assembly of Reservoir Assembly	10-28
10-16.	Repair of Reservoir Assembly Manifold	10-29
10-17.	Removal or Installation of Hydraulic Pump and Power Takeoff Group (Early Model Bulldozer) (Sheet 1 of 2).....	10-31
10-17.	Removal or Installation of Hydraulic Pump and Power Takeoff Group (Early Model Bulldozer) (Sheet 2 of 2).....	10-32
10-18.	Removal or Installation of Hydraulic Mechanical Clutch Support Bracket and Yoke Assembly	10-33
10-19.	Removal or Installation of Mechanical Control Clutch Assembly (Early Model Bulldozer).....	10-35
10-20.	Mechanical Clutch Adjustment (Early Model Bulldozer).....	10-36
10-21.	Removal or Installation of Cylinder Guards (Sheet 1 of 2)	10-37
10-21.	Removal or Installation of Cylinder Guards (Sheet 2 of 2)	10-38
10-22.	Removal or Installation of Cylinder Assembly (Sheet 1 of 2)	10-40
10-22.	Removal or Installation of Cylinder Assembly (Sheet 2 of 2)	10-41
10-23.	Removal or Installation of Carrying Hooks and Shafts (Sheet 1 of 2)	10-43
10-23.	Removal or Installation of Carrying Hooks and Shafts (Sheet 2 of 2)	10-44
10-24.	Disassembly or Assembly of Mechanical Clutch Assembly and Related Components (Early Model Bulldozer).....	10-46
10-25.	Disassembly or Assembly of Blade Assembly Cylinder and Ram	10-48
10-26.	Testing Arrangements for Hydraulic Cylinder and Ram	10-50
10-27.	Rework of Transmission Shroud for Access Door Opening (Early Model Bulldozer).....	10-52
10-28.	Installation of Hydraulic Pump and Power Takeoff Group (Early Model Bulldozer).....	10-53
10-29.	Installation of Clutch Control Assembly (Early Model Bulldozer).....	10-55
10-30.	Installation of Blade Assembly (Early Model Bulldozer)	10-56
10-31.	Installation of Carrying Hooks Assembly (Early Model Bulldozer).....	10-57
10-32.	Installation of Headlamps and Guards (Early Model Bulldozer)	10-58
10-33.	Installation of Reservoir	10-59
10-34.	Installation of Cylinders and Ram Assemblies	10-60
10-35.	Installation of Cylinder Guards (Sheet 1 of 2).....	10-61
10-35.	Installation of Cylinder Guards (Sheet 2 of 2).....	10-62

LIST OF TABLES

Number	Title	Page
1-1.	Special Tools	1-5
2-1.	Operator/Crew Preventive Maintenance Checks and Services	2-9
3-1.	Troubleshooting	3-1
4-1.	Organizational Preventive Maintenance Checks and Services Quarterly Schedule	4-4
4-2.	Troubleshooting	4-67
6-1.	Repair Standards for Magnetic Clutch	6-4
6-2.	Repair Standards for Hydraulic Pump Assembly	6-7
6-3.	Repair Standards for Power Takeoff Right-Angle Drive	6-11
6-4.	Repair Standards for Blade Assembly Cylinder and Ram	6-14
10-1.	Special Tool (Early Model Bulldozer)	10-2
10-2.	Operator/Crew Preventive Maintenance Checks and Services	10-10
10-3.	Organizational Preventive Maintenance Checks and Services Quarterly Schedule (Early Model Bulldozer)	10-15
10-4.	Troubleshooting (Early Model Bulldozer)	10-44
10-5.	Repair Standards for Mechanical Clutch and Related Components (Early Model Bulldozer)	10-47
10-6.	Repair Standards for Blade Assembly Cylinder and Ram	10-49

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.