TM 9-2320-211-10-1
T.O. 36A12-1C-421-1

TECHNICAL MANUAL

OPERATION, INSTALLATION AND REFERENCE DATA

OPERATOR LEVEL

TRUCK, CHASSIS: M40A2C, M61A2, M63A2; TRUCK, CARGO: M54A2, M54A2C, M55A2; TRUCK, DUMP: M51A2; TRUCK, TRACTOR: M52A2; TRUCK, WRECKER, MEDIUM: M543A2

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DEPARTMENTS OF THE ARMY AND THE AIR FORCE

SEPTEMBER 1980

TECHNICAL MANUAL
NO. 9-2320-211-10-1
TECHNICAL ORDER
NO. 36A12-1C-421-1

DEPARTMENT OF THE ARMY
A N D
T H E A I R F O R C E
Washington, DC, 5 September 1980

TECHNICAL MANUAL

OPERATION, INSTALLATION AND

REFERENCE DATA

OPERATOR LEVEL

5-TON, 6X6, M39 SERIES TRUCKS
(MULTIFUEL)

Model		NSN without Winch	NSN with Winch
Chassis	M40A2C	2320-00-969-4114	
	M61A2	2320-00-055-9264	2320-00-965-0321
	M63A2	2320-00-226-6251	2320-00-285-3757
Truck, Cargo	M54A2	2320-00-055-9266	2320-00-055-9265
	M54A2C	2320-00-926-0874	2320-00-926-0874
	M55A2	2320-00-073-8476	2320-00-055-9259
Truck, Dump	M51A2	2320-00-055-9262	2320-00-055-9263
Truck, Tractor	M52A2	2320-00-055-9260	2320-00-055-9261
Truck, Wrecker, Medium	M543A2		2320-00-055-9258

Current as of 25 March 1980.

*This manual, together with TM 9-2320-211-10-2, 5 September 1980; -10.3, 5 September 1980; and -10-4, 5 September 1980 supersedes so much of TM 9-2320-211-10, 20 November 1977 as pertains to multifuel vehicles.

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 procedure, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publication and Blank Forms) , or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Tank Automotive Materiel Readiness Command, ATTN: DRSTA-MB, Warren, Michigan 48090. A reply will be furnished to you.

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CHAPTER 1

INTRODUCTION

1-1. SCOPE. This technical manual contains operating instructions for the 5-ton, 6x6, M39 series trucks (figures 1-1 through 1-5) equipped with multifuel engines, and operator level maintenance instructions in accordance with the maintenance allocation chart. Operating instructions for special purpose kits used with these trucks are also included. The purpose of this manual is to give the operator the information he needs for safe, trouble–free operation of the equipment under usual and unusual conditions.

1-2. FORMS AND RECORDS. Maintenance forms, records and reports which are to be used by maintenance personnel at all levels are listed and prescribed by TM 38-750.

1-3. EQUIPMENT IMPROVEMENT REPORT AND MAINTENANCE DIGEST (EIR MD) AND EQUIPMENT IMPROVEMENT REPORT AND MAINTENANCE SUMMARY (EIR MS). The quarterly Equipment Improvement Report and Maintenance Digest, T-B 43-0001-39 series, contains valuable field information on the equipment covered in this manual. The information in the TB 43-0001-39 series is compiled from some of the Equipment Improvement Reports that you prepared on the vehicles covered in this manual. Many of these articles result from comments, suggestions, and improvement recommendations that you submitted to the EIR program. The TB 43-0001-39 series contains information on equipment improvements, minor alterations, proposed Modification Work Orders (MWO's) , warranties (if applicable), actions taken on some of your DA form 2080's (Recommended Changes to Publications), and advance information on proposed changes that may affect this manual. In addition, the more maintenance significant articles, including minor alterations, field-fixes, etc, that have a more permanent and continuing need in the field are republished in the Equipment Improvement Report and Maintenance Summary (EIR MS) for TARCOM Equipment (TM 43-0143). Refer to both of these publications (TB 43-0001– 39 series and TM 43-0143) periodically, especially the TB 43-0001-39 series, for the most current and authoritative information on your equipment. The information will help you in doing your job better and will help you in keeping you advised of the latest changes to this manual. Also refer to DA Pam 310-4, index of Technical Publications, and Appendix A, References, of this manual.

1-4. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS. If your truck needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design. Tell us why a procedure is hard to perform. Put it on an SF 368 (Quality Deficiency Report). Mail it to us at: Commander, U.S. Army Tank-Automotive Materiel Readiness Command, ATTN: DRSTA-MB, Warren, Michigan 48090. We'll send uou a reply.

1-5. METRIC SYSTEM. The equipment /system described herein is nonmetric and does not require metric common or special tools. Therefore, metric units are not supplied. Tactical instructions, for sake of clarity, will also remain nonmetric.