

TECHNICAL MANUAL

TROUBLESHOOTING

OPERATOR LEVEL

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

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

**DEPARTMENTS OF THE ARMY AND THE AIR FORCE
SEPTEMBER 1980**

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DEPARTMENTS OF THE ARMY
AND
THE AIR FORCE
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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 0-2320-211-10-1, 5 September 1980; -10-2, 5 September 1980; and -10-3, 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 mistake 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.

	Paragraph	Page
CHAPTER 1. GENERAL INFORMATION		
Scope	1-1	1-1
Organization.	1-2	1-1
Troubleshooting Approach	1-3	1-1
2. TROUBLESHOOTING APPROACH		
General Approach	2-1	2-1
Troubleshooting Index	2-2	2-1
Troubleshooting Roadmaps	2-3	2-1
Fault Symptom Index	2-4	2-1
Sample Troubleshooting Procedure	2-5	2-1
3. TROUBLESHOOTING INDEX		
General	3-1	3-1
Index	3-2	3-1
4. TEST EQUIPMENT PROCEDURES INDEX		4-1
5. TROUBLESHOOTING ROADMAPS		
General	5-1	5-1
Roadmaps	5-2	5-1
6. FAULT SYMPTOM INDEXES		
General	6-1	6-1
Indexes	6-2	6-1
7. SAMPLE TROUBLESHOOTING PROCEDURE		
General	7-1	7-1
Sample Procedure	7-2	7-1
8. FUEL SYSTEM TROUBLESHOOTING PROCEDURES		
General	8-1	8-1
Procedures	8-2	8-1
9. COOLING SYSTEM TROUBLESHOOTING PROCEDURES		
General.	9-1	9-1
Procedures.	9-2	9-1
10. TRANSMISSION SYSTEM TROUBLESHOOTING PROCEDURES		
General.	10-1	10-1
Procedures.	10-2	10-1

		Paragraph	Page
CHAPTER 11.	TRANSFER SYSTEM TROUBLESHOOTING PROCEDURES		
	General	11-1	11-1
	Procedures	11-2	11-1
12.	FRONT AXLE SYSTEM TROUBLESHOOTING PROCEDURES		
	General.	12-1	12-1
	Procedures	12-2	12-1
13.	REAR AXLE TROUBLESHOOTING PROCEDURES		
	General.	13-1	13-1
	Procedures.	13-2	13-1
14.	BRAKE SYSTEM TROUBLESHOOTING PROCEDURES		
	General.	14-1	14-1
	Procedures.	14-2	14-1
15.	WHEEL SYSTEM TROUBLESHOOTING PROCEDURES		
	General.	15-1	15-1
	Procedures.	15-2	15-1
16.	STEERING SYSTEM TROUBLESHOOTING PROCEDURES		
	General.	16-1	16-1
	Procedures	16-2	16-1
17.	DUMP TRUCK TROUBLESHOOTING PROCEDURES		
	General.	17-1	17-1
	Procedures	17-2	17-1
18.	FRONT WINCH TROUBLESHOOTING PROCEDURES		
	General.	18-1	18-1
	Procedures	18-2	18-1
19.	REAR WINCH TROUBLESHOOTING PROCEDURES		
	General.	19-1	19-1
	Procedures	19-2	19-1
20.	HOT WATER HEATER TROUBLESHOOTING PROCEDURES		
	General.	20-1	20-1
	Procedures	20-2	20-1

CHAPTER 1

GENERAL INFORMATION

1-1. SCOPE. This volume tells you how to do troubleshooting at the operator's level of maintenance. The amount of troubleshooting you can do is based on what the Maintenance Allocation Chart says you can fix. Because of this, the only trouble symptoms you will find here are those that could be caused by faulty things you can fix.

1-2. ORGANIZATION. When you do PMCS, or when you drive the truck and find that something is wrong, write down what is wrong. Then check the fault symptom index to see if the trouble (fault symptom) you noted is in the index. If it is, you can do troubleshooting to find the fault and fix it. If the symptom is not in the index, tell organizational maintenance.

1-3. TROUBLESHOOTING APPROACH. In order to find out what is causing the problem in the truck, you must use a good approach. A good approach just means a way of doing troubleshooting so you can find the problem and not get confused or lost. The following chapter describes how you can use the materials in this volume to troubleshooting with a good approach.