TM 9-2320-211-34-2-2
T.O. 36A12-1C-422-2-2

TECHNICAL MANUAL

VOLUME 2 OF 2

PART 2 OF 4

MAINTENANCE

DIRECT SUPPORT AND GENERAL SUPPORT 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

Chapter 11
Brake System

Chapter 12
Wheel System

Chapter 13
Steering System

Chapter 14
Frame and Towing Attachments

Chapter 15
Springs and Torque and Stabilizer Rods

Chapter 16
Body, Cab, and Hood

NOTE:

THE STYLE OF THIS TM IS EXPERIMENTAL. IT IS BEING TRIED BY THE ARMY ONLY ON A LIMITED BASIS

DEPARTMENTS OF THE ARMY AND THE AIR FORCE

FEBRUARY 1981

*TM 9-2320-211-34-2-2
T.O. 36A12-1C-422-2-2

TECHNICAL MANUAL
NO. 9-2320 -211-34-2-2
TECHNICAL ORDER
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DEPARTMENTS OF THE ARMY
AND
THE AIR FORCE
WASHINGTON, DC, 25 February 1981

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VOLUME 2 OF 2

PART 2 OF 4

MAINTENANCE

DIRECT SUPPORT AND GENERAL SUPPORT LEVEL

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

Model		NSN without Winch	NSN with Winch
Truck, 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	N152A2	2320-00-055-9260	2320-00-055-9261
Truck, Wrecker, Medium	M543A2		2320-00-055-9258

Current as of 25 Jul 80.

*This manual together with TM 9-2320-211-34:1, 25 February 1981; TM 9-2320-211-34-2-1, 25 February 1981, TM 9-2320-211-34-2-3, 25 February 1981 and TM 9-2320-211-34-2-4, 25 February 1981 supersedes so much of TM 9-2320-'211-35, 13 September 1964 as pertains to multifuel vehicles including all changes.

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 Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Tank-Automotive Command, ATTN: DRSTA-MB, Warren, Michigan 48090. A reply will be furnished to you.

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CHAPTER 11

BRAKE SYSTEM GROUP MAINTENANCE

Section I. SCOPE

11-1. EQUIPMENT ITEMS COVERED. This chapter gives equipment maintenance procedures for the handbrake and service brake, hydraulic brake, and mechanical brake systems for which there are authorized corrective maintenance tasks at the direct and general support maintenance levels.

11-2. EQUIPMENT ITEMS NOT COVERED. All equipment items for which corrective maintenance is authorized at the direct and general support maintenance levels are covered in this chapter.

Section II. HANDBRAKE AND SERVICE BRAKE SYSTEMS

11-3. HANDBRAKE LINKAGE REPAIR.

TOOLS: No special tools required.

SUPPLIES: Solvent, dry cleaning, type II (SD-2), Fed, Spec P-D-680.
Dry rags

PERSONNEL: One

EQUIPMENT CONDITION: Truck parked, engine off, handbrake set, wheels chocked.

a. Preliminary Procedures.

(1) Remove handbrake lever. Refer to TM 9-2320-211-20.

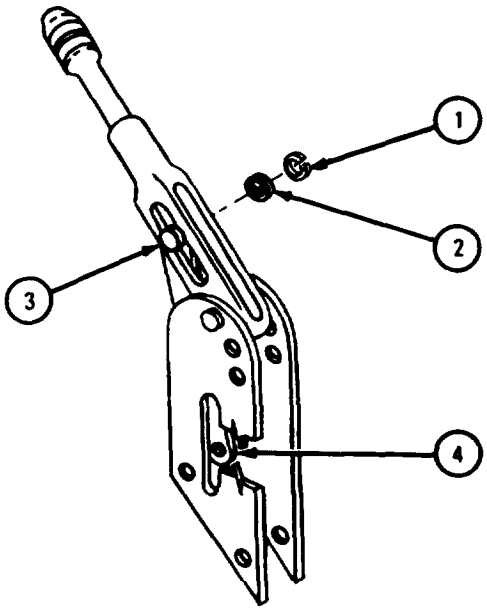
(2) Remove cable and lever assembly. Refer to TM 9-2320-211-20.

b. Disassembly.

FRAME 1

1. Take off snapring (1), washer (2), clevis pin (3), and connecting link (4).

END OF TASK



TA 087332

c. Cleaning, Inspection, and Repair.

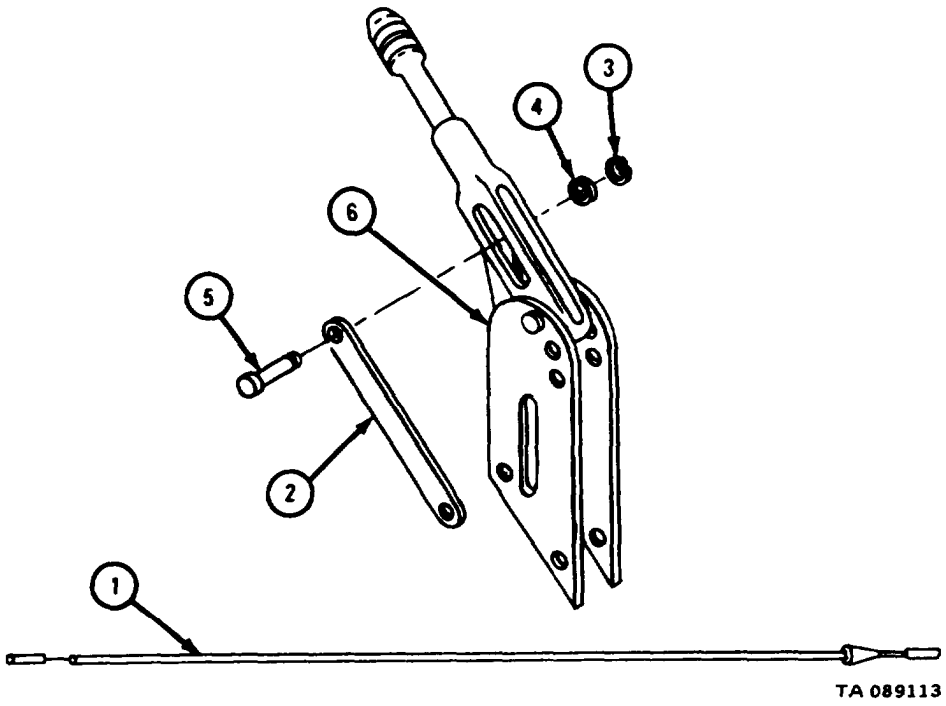
FRAME 1

WARNING

Dry cleaning solvent is flammable. Do not use near an open flame. Keep a fire extinguisher nearby when solvent is used. Use only in well-ventilated places. Failure to do this may result in injury to personnel and damage to equipment.

1. Clean all parts, except cable (1), with solvent. Clean all mud and grease off cable with dry rag.
2. Check that cable (1) is not damaged. If cable is damaged, get a new one.
3. Check that connecting link (2), snapring (3), washer (4), and clevis pin (5) are not damaged. If parts are damaged, get new ones.
4. Check that handbrake lever assembly (6) is not damaged. If assembly is damaged, get a new one.

END OF TASK



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