

TM 9-2320-211-20-3-2

T.O. 36A12-1C-422-1-3

TECHNICAL MANUAL

VOLUME 3 OF 3

PART 2 OF 2

MAINTENANCE

ORGANIZATIONAL 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

NOTE:

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

Chapter 13
Wheel System

Chapter 14
Steering System

Chapter 15
Frame and Towing
Attachments

Chapter 16
Springs and Shock
Absorbers

Chapter 17
Body, Cab, Hood,
and Hull

Chapter 18
Winch, Hoist
and Crane

Chapter 19
Body Accessory
Items

Chapter 20
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Chapter 21
Material Used
In Conjunction
With Major Items

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DEPARTMENTS OF THE ARMY AND THE AIR FORCE

DECEMBER 1980

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TECHNICAL MANUAL
NO. 9-2320-211-20-3-2
TECHNICAL ORDER
NO. 36A12-1C-422-1-3

DEPARTMENTS OF THE ARMY
AND
THE AIR FORCE
WASHINGTON, DC, 10 December 1980

TECHNICAL MANUAL
VOLUME 3 OF 3
PART 2 OF 2
MAINTENANCE
ORGANIZATIONAL 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 Jul 80.

*This manual together with TM 9-2320-211-20-1, 10 December 1980; TM 9-2320-211-20-2-1, 10 December 1980; TM 9-2320-211-20-2-2, 10 December 1980 and TM 9-2320-211-20-3-1, 10 December 1980 supersedes so much of TM 9-2320-211-20, 1 June 1973 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 13

WHEEL SYSTEM GROUP MAINTENANCE

Section I. SCOPE

13-1. **EQUIPMENT ITEMS COVERED.** This chapter gives equipment maintenance procedures for front wheel assembly, rear wheel assembly, and tires for which there are authorized corrective maintenance tasks at the organizational maintenance level.

13-2. **EQUIPMENT ITEMS NOT COVERED.** All equipment items for which corrective maintenance is authorized at the organizational maintenance level are covered in this chapter.

Section II. FRONT WHEEL ASSEMBLY

13-3. FRONT WHEEL AND BRAKE DRUM ASSEMBLY REMOVAL AND REPLACEMENT.

TOOLS: Wheel bearing nut wrench, pn 7076869 3/4-inch socket wrench 10-inch socket handle Torque wrench, 150 pound-feet capacity	Portable bearing lubricator, NSN 4930-00-704-1852 Hand grease gun, NSN 4930-00-253-2478 Wheel lift truck
---	--

SUPPLIES: Hub and brake drum drive flange gasket
 Artillery and automotive grease, type GAA MIL-G-10924
 Solvent, dry cleaning, type II (SD-2), Fed. Spec P-D-680

PERSONNEL: One

EQUIPMENT CONDITION: Truck parked on level ground, engine off, handbrake set.

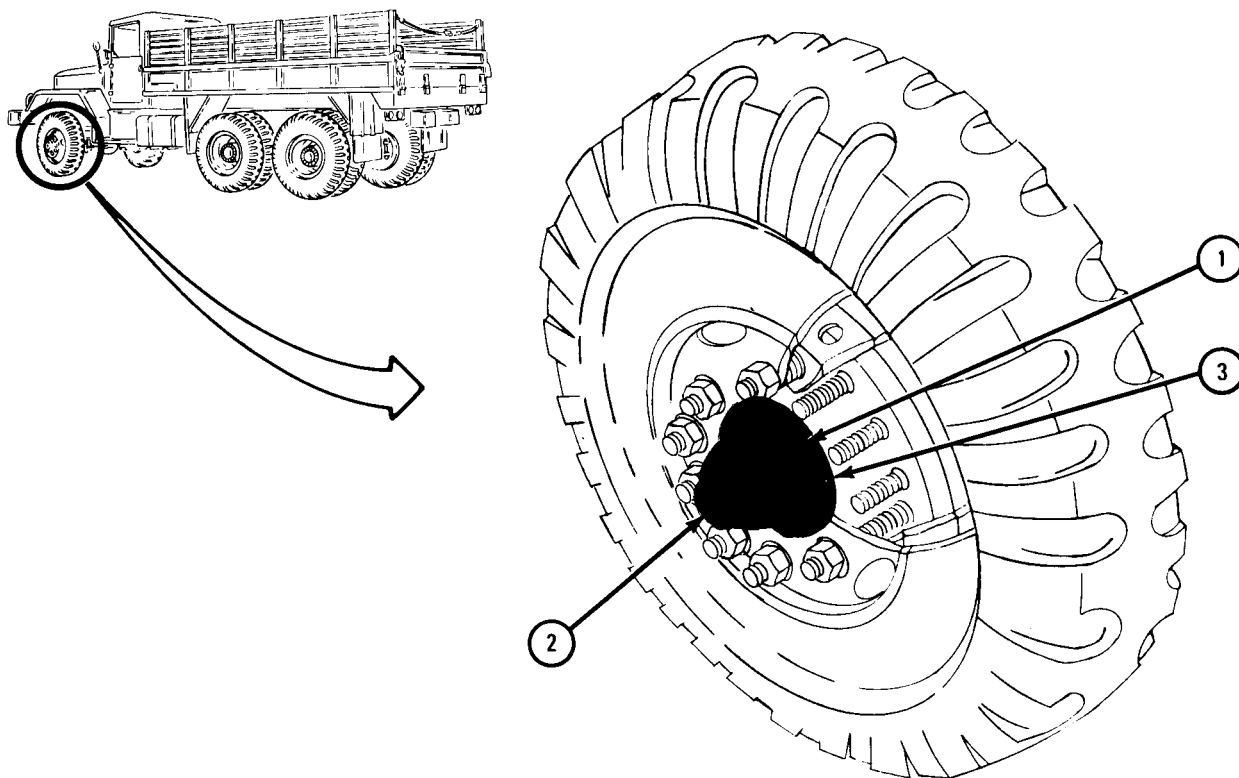
- a. Preliminary Procedure. Jack up front wheel. Refer to part 1, para 10-3.

b. Removal.

FRAME 1

1. Using 10-inch socket handle with 3/4-inch socket wrench, unscrew and take off 10 capscrews and lockwashers (1), flange (2), and gasket (3). Throw away gasket.

GO TO FRAME 2

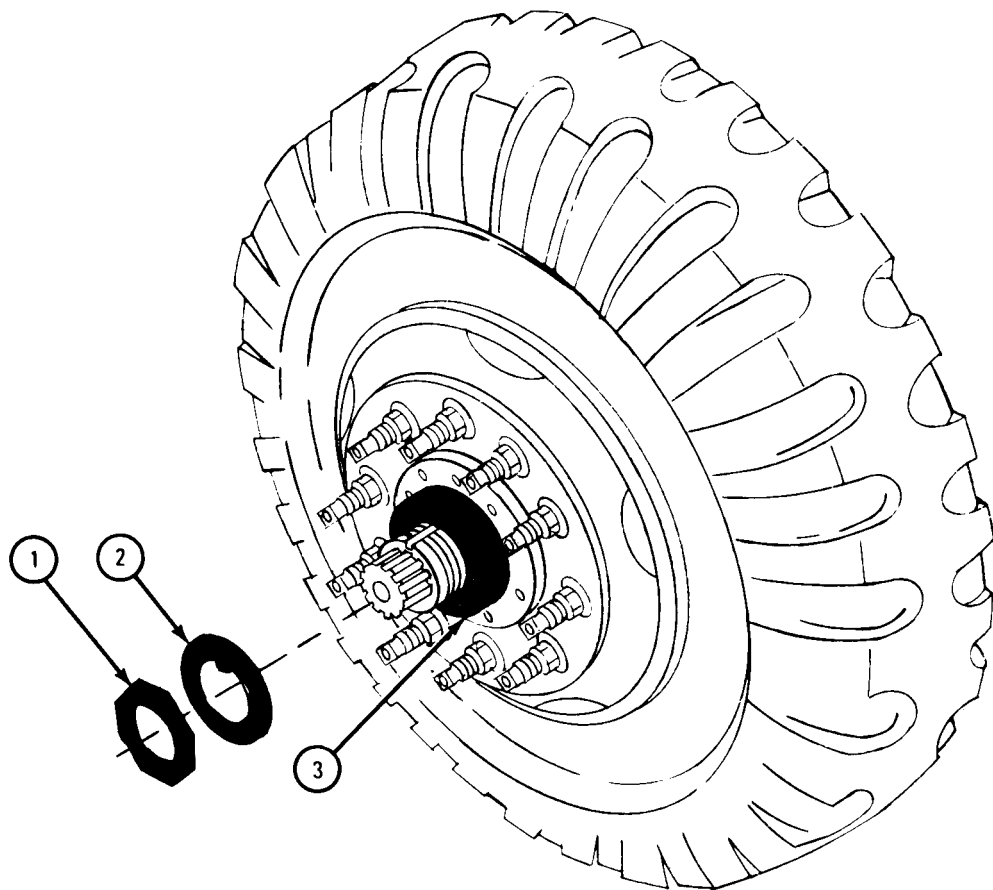


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FRAME 2

1. Using wheel bearing nut wrench with socket handle, unscrew and take off locknut (1). Take off adjusting nut lockwasher (2).
2. Using wheel bearing nut wrench with socket handle, unscrew and take off adjusting nut (3).

GO TO FRAME 3



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