

TM 9-2320-211-34-2-3
T.O. 36A12-1C-422-2-2

TECHNICAL MANUAL

VOLUME 2 OF 2

PART 3 OF 4

MAINTENANCE

DIRECT SUPPORT AND GENERAL SUPPORT LEVEL

Chapter 17
Winch, Hoist, Crane and
Power Takeoff Assemblies
Group Maintenance

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

DEPARTMENTS OF THE ARMY AND THE AIR FORCE

FEBRUARY 1981

***TM 9-2320-211-34-2-3**
T.O. 36A12-1C-422-2-2

TECHNICAL MANUAL
NO. 9-2320-21-34-2-3
TECHNICAL ORDER
NO. 36A12-1C-422-2-2

DEPARTMENTS OF THE ARMY
AND
THE AIR FORCE
WASHINGTON, DC, 25 February 1981

TECHNICAL MANUAL
VOLUME 2 OF 2
PART 3 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	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 9-2320-211-34-1, 25 February 1981; TM 9-2320-211-34-2-1, 25 February 1981
TM 9-2320-211-34-2-2, 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 17

WINCH, HOIST, CRANE AND POWER TAKEOFF ASSEMBLIES

GROUP MAINTENANCE

Section 1. SCOPE

17-1. EQUIPMENT ITEMS COVERED. This chapter gives equipment maintenance procedures for winch, hoist., crane, and power takeoff assemblies for which there are authorized corrective maintenance tasks at the direct and general support maintenance levels.

17-2. 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. WINCH, HOIST, AND CRANE ASSEMBLIES

17-3. FRONT WINCH ROLLER ASSEMBLY REMOVAL, REPAIR, AND REPLACEMENT.

TOOLS: No special tools required

SUPPLIES: None

PERSONNEL: Two

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

- a. Preliminary Procedure. Remove front winch. Refer to TM 9-2320-211-20.

b. Removal.

FRAME 1

1. Place cable (1) as shown.

Soldier A 2. Take out six capscrews (2) and washers (3) from each side of tension roller assembly (4).

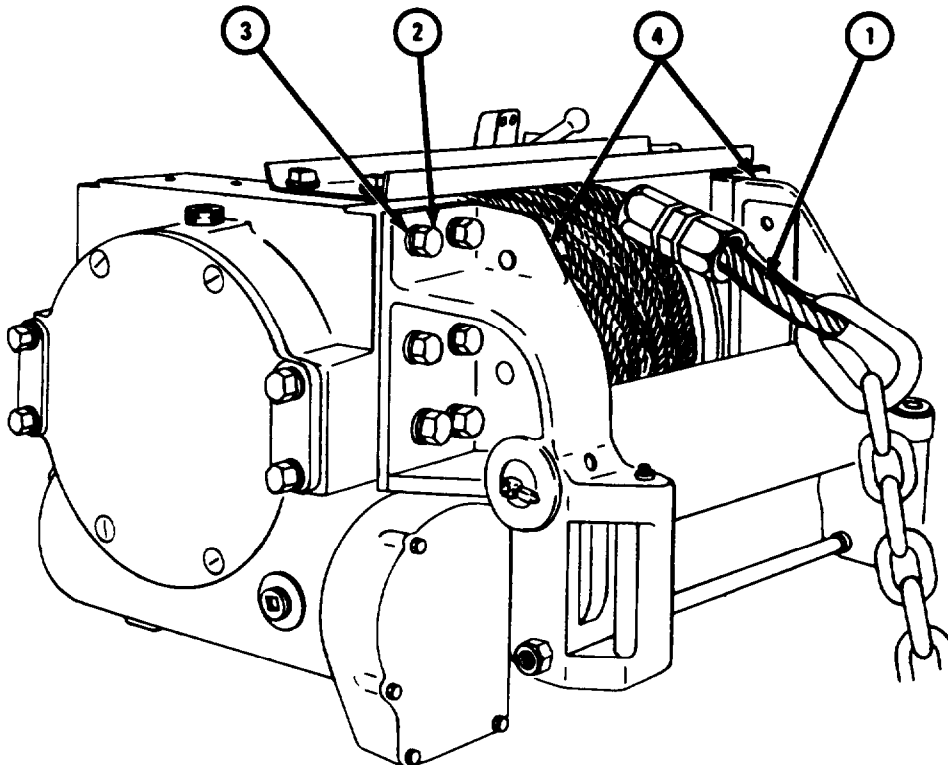
Soldier B 3. Hold roller assembly in place (4).

CAUTION

When taking out roller assembly (4), the right side bracket may fall off.

Soldiers 4. Take off roller assembly (4).
A and B

END OF TASK



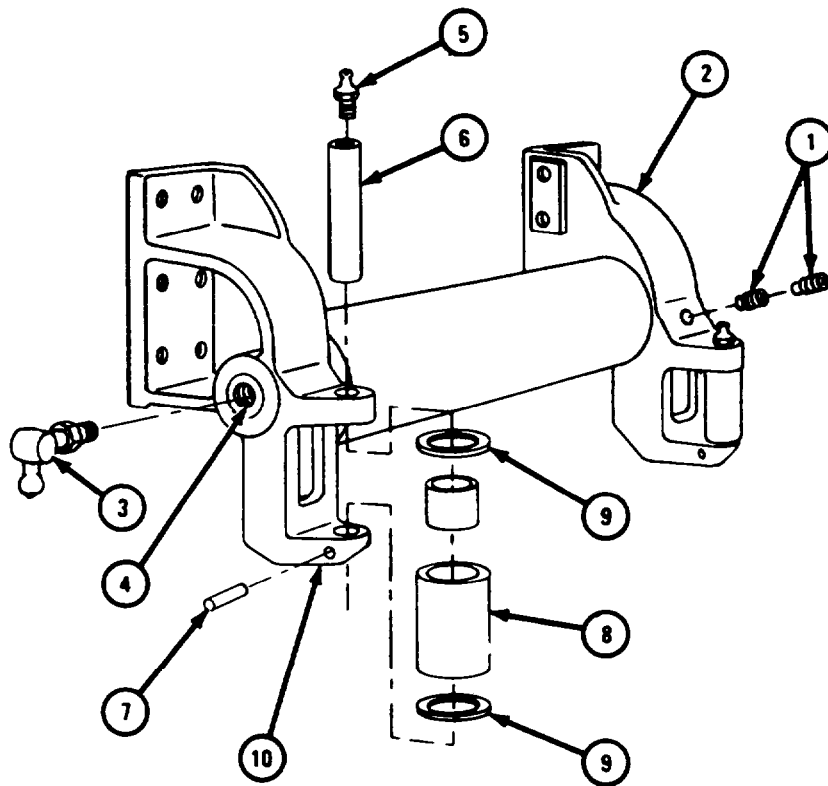
TA 103961

c. Disassembly.

FRAME 1

1. Takeout two setscrews (1) from left bracket (2).
2. Working on right side, take out lube fitting (3) from end of shaft (4).
3. Take out lube fitting (5) from pin (6).
4. Tap out pin (7).
5. Tap out pin (6).
6. Take out roller (8) and two washers (9).
7. Do steps 2 through 6 again for right bracket (10).

GO TO FRAME 2



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