

TM 9-2320-209-20-3-3

T.O. 36A12-1B-1092-1-3

TECHNICAL MANUAL

VOLUME 3 OF 3

PART 3 OF 4

MAINTENANCE

ORGANIZATIONAL LEVEL

**2 ½-TON, 6X6, M44A1 AND M44A2 SERIES TRUCKS
(MULTIFUEL)**

**TRUCK, CARGO: M35A1,
M35A2, M35A2C, M36A2; TRUCK,
TANK, FUEL: M49A1C, M49A2C; TRUCK, TANK,
WATER: M50A1, M50A2, M50A3; TRUCK, VAN,
SHOP: M109A2, M109A3; TRUCK, REPAIR SHOP:
M185A2, M185A3; TRUCK, TRACTOR: M275A1,
M275A2; TRUCK, DUMP: M342A2; TRUCK,
MAINTENANCE, PIPELINE CONSTRUCTION:
M756A2; TRUCK, MAINTENANCE,
EARTH BORING AND POLESETTING: M764**

Chapter 18 Body, Cab and Hull

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

MAY 1981

TM 9-2320-209-20-3-3

T.O. 36A12-1B-1092-1-3

TECHNICAL MANUAL
NO. 9-2320-209-20-3-3
TECHNICAL ORDER
NO. 36A12-1B-1092-1-3

DEPARTMENTS OF THE ARMY
AND
THE AIR FORCE
Washington, D.C., 27 May 1981

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VOLUME 3 OF 3

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MAINTENANCE

ORGANIZATIONAL LEVEL

2 ½-TON 6X6, M44A1 AND M44A2 SERIES TRUCKS

(MULTIFUEL)

Model		NSN without Winch	NSN with Winch
Truck, Cargo	M35A1	2320-00-542-5633	2320-00-542-5634
	M35A2	2320-00-077-1616	2320-00-077-1617
	M35A2C	2320-00-926-0873	2320-00-926-0875
	M36A2	2320-00-077-1618	2320-00-077-1619
Truck, Tank, Fuel	M49A1C	2320-00-440-3349	2320-00-440-3346
	M49A2C	2320-00-077-1631	2320-00-077-1632
Truck, Tank, Water	M50A1	2320-00-440-8307	2320-00-440-8305
	M50A2	2320-00-077-1633	2320-00-077-1634
	M50A3	2320-00-937-4036	2320-00-937-5264
Truck, Van, Shop	M109A2	2320-00-440-8313	2320-00-440-8308
	M109A3	2320-00-077-1636	2320-00-077-1637
Truck, Repair Shop	M185A2	4940-00-987-8799	
	M185A3	4940-00-077-1638	4940-00-077-1639
Truck, Tractor	M275A1	2320-00-446-2479	
	M275A2	2320-00-077-1640	2320-00-077-1641
Truck, Dump	M342A2	2320-00-077-1643	2320-00-077-1644
Truck, Maintenance, Pipeline Construction	M756A2		2320-00-904-3277
Truck, Maintenance, Earth Boring and Polesetting	M764		2320-00-937-5980

*This manual, together with TM 2320-209-20-1, 27 May 1981; TM 9-2320-209-20-2-1, 27 May 1981; TM 9-2320-209-20-2-2, 27 May 1981; TM 9-2320-209-20-3-1, 27 May 1981; TM 9-2320-209-20-3-2, 27 May 1981; and TM 9-2320-209-20-3-4, 27 May 1981, supersedes TM 9-2320-209-20-1, 31 August 1978.

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 18

BODY, CAB, HOOD, AND HULL GROUP MAINTENANCE

Section I. SCOPE

18-1. EQUIPMENT ITEMS COVERED. This chapter gives equipment maintenance procedures for cab components, windshield assembly, seats, brackets and straps, cargo body components, tank body components, and special purpose bodies for which there are authorized corrective maintenance tasks at the organizational maintenance level.

18-2. 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. CAB COMPONENTS

18-3. CAB DOOR REMOVAL AND REPLACEMENT.

NOTE

This task is the same for the left and right cab doors. This task is shown for the right cab door.

TOOLS: Medium size hammer
1/8-inch pin punch
Pliers

SUPPLIES: None

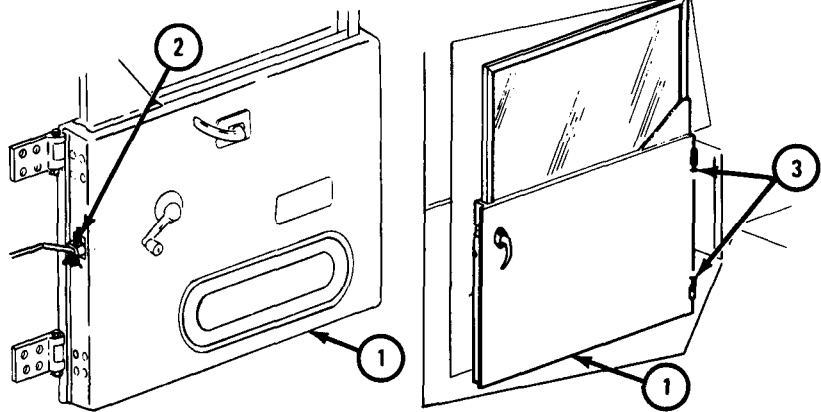
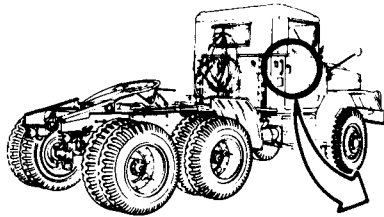
PERSONNEL: Two

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

a. Removal.

FRAME 1

1. Open door (1) to first catch. Working inside cab and using pliers, take out and throw away cotter pin (2).
 - Soldier A 2. Hold door (1).
 - Soldier B 3. Using hammer and punch, drive out two hinge pins (3).
 - Soldiers A and B 4. Take off door (1).
- END OF TASK



TA 103389

b. Replacement.

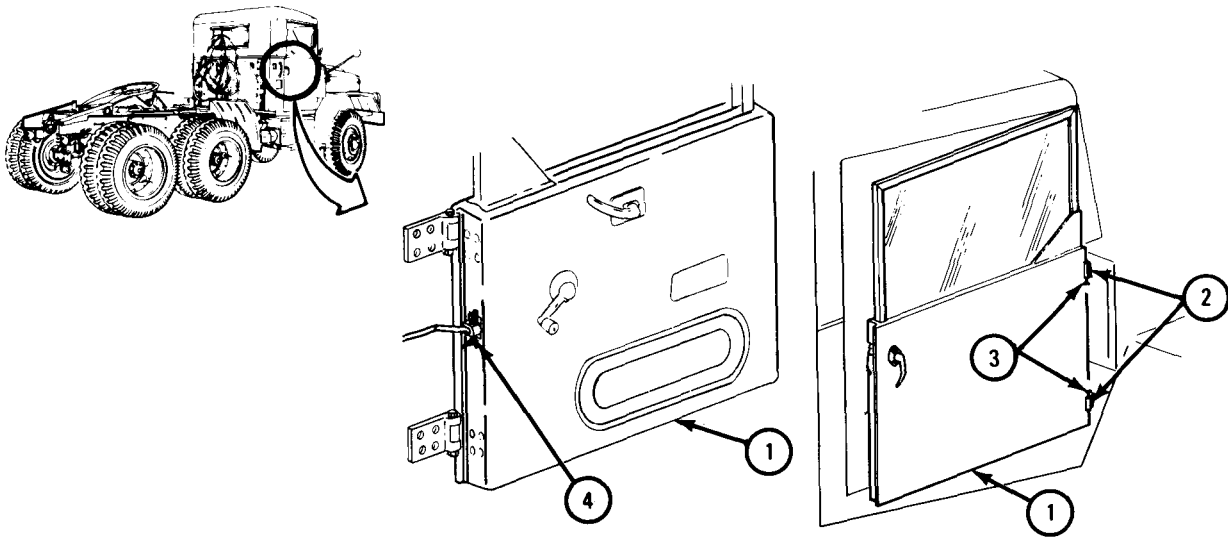
FRAME 1

Soldiers 1. Put door (1) in place, alining hinges (2). Close door.
A and B

Soldier A 2. Using hammer, tap in two hinge pins (3).

3. Open door (1). Working inside cab and using pliers, put in and bend open ends of cotter pin (4).

END OF TASK



TA 103388

18-4. CAB DOOR REPAIR.

NOTE

This procedure shows right door. Procedure for left door is same.

TOOLS: Flat-tip screwdriver
Cross-tip screwdriver (Phillips type)

SUPPLIES : None

PERSONNEL: One

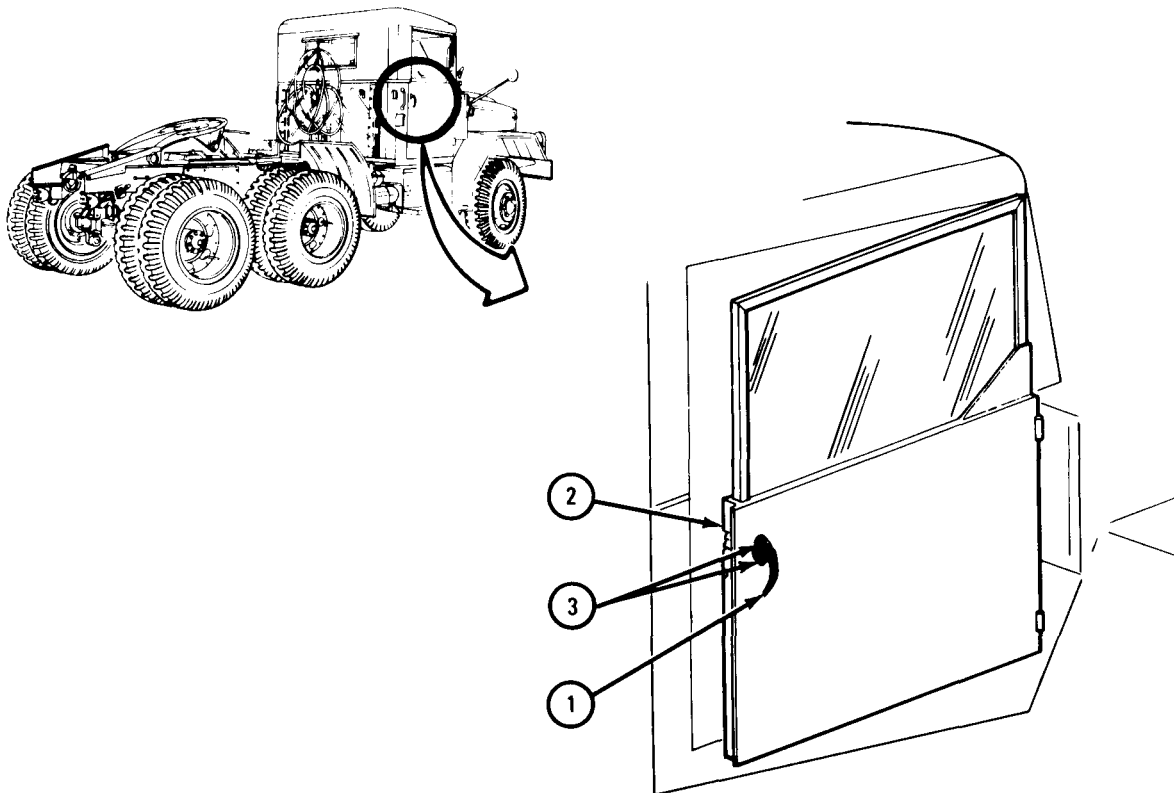
EQUIPMENT CONDITION: Truck parked, engine off, handbrake set.

a. Disassembly.

FRAME 1

1. Turn door handle (1) and open cab door (2).
2. Using flat-tip screwdriver, unscrew and take out two oval head screws (3).
3. Pull handle (1) out of door (2).

GO TO FRAME 2

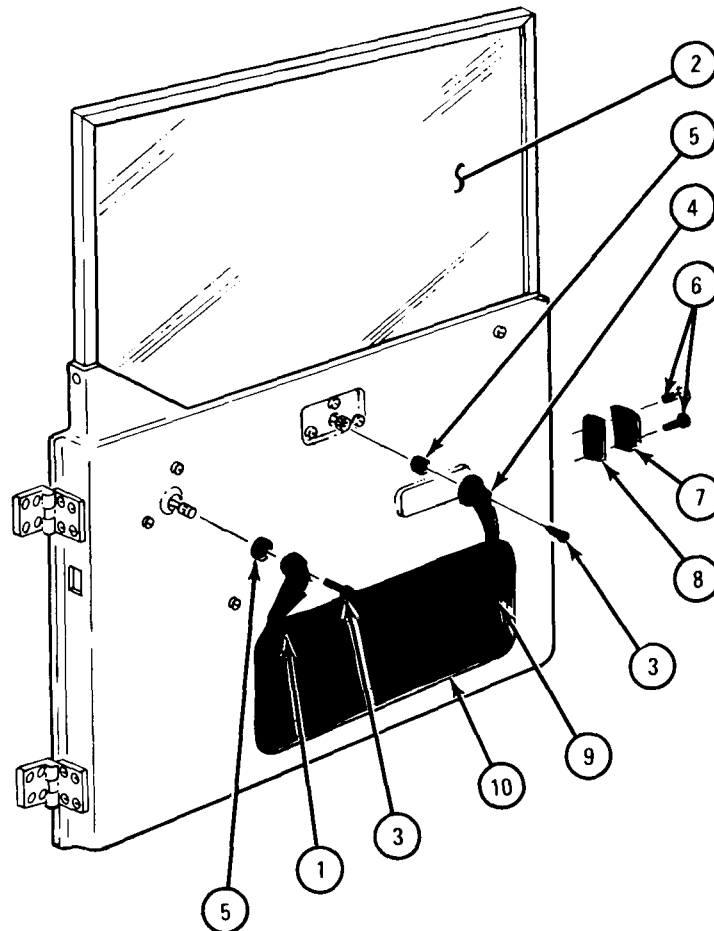


TA 101753

FRAME 2

1. Turn window handle (1) to the left until window (2) is down.
2. Using flat-tip screwdriver, unscrew and take out two screws (3).
3. Take off window handle (1), door handle (4), and two washers (5).
4. Using phillips screwdriver, unscrew and take out two screws (6). Take out dovetail (7) and shim (8).
5. Using flat-tip screwdriver, unscrew and take out six screws (9). Take off inspection cover (10).

GO TO FRAME 3

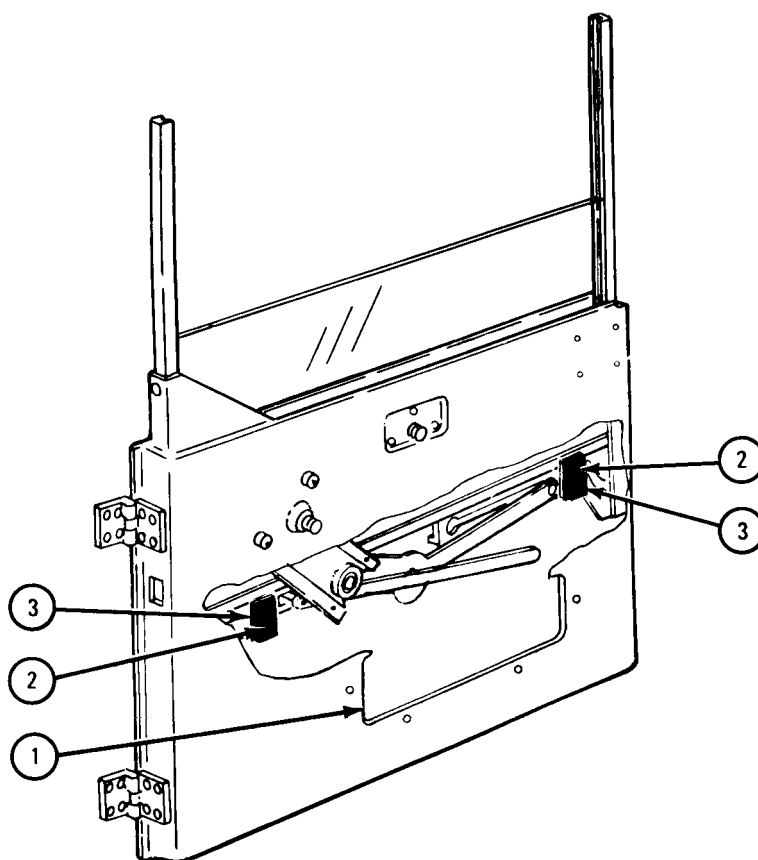


TA 087009

FRAME 3

1. Working through inspection hole (1) using phillips screwdriver, unscrew and take out four screws (2). Take off two window stops (3).

END OF TASK



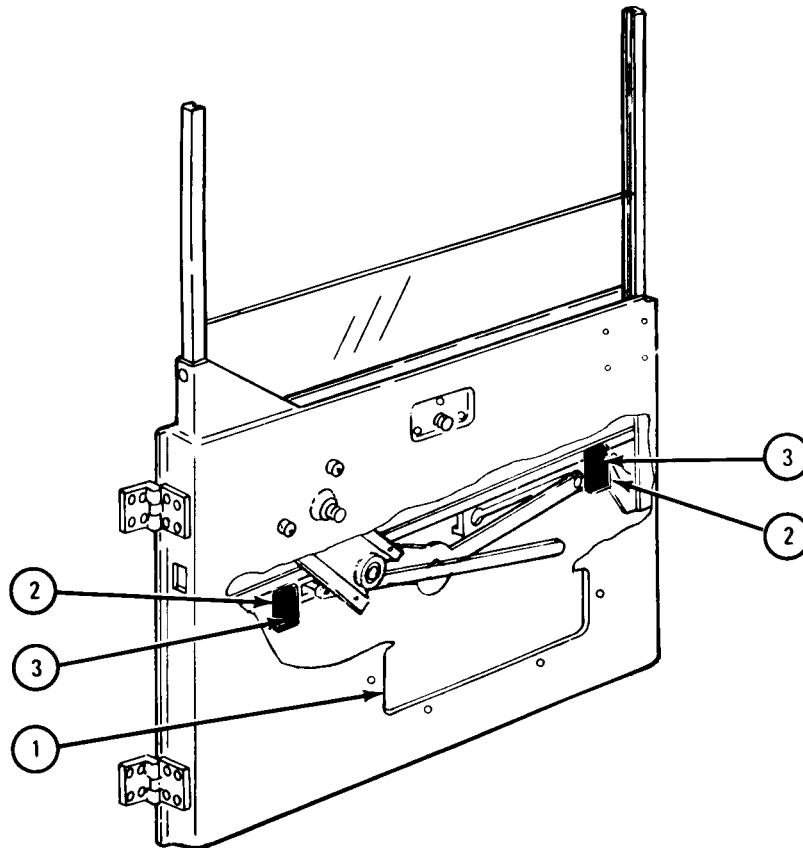
TA 101749

- b. Repair. Repair of cab door is limited to replacement of damaged parts.
- c. Assembly.

FRAME 1

1. Working through inspection hole (1), put two window stops (2) into place and align screw holes. Using phillips screwdriver, screw in and tighten four screws (3).

GO TO FRAME 2



TA 101750