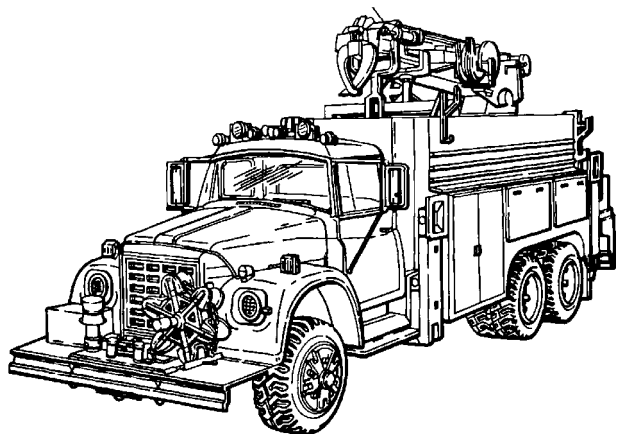


TECHNICAL MANUAL
Volume 2 of 2

ORGANIZATIONAL MAINTENANCE MANUAL



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**TRUCK, TELEPHONE MAINTENANCE,
UTILITY, CIS, 36,000 GVW, 6 x 4, WIWN
W/E, M876 (NSN 2320-00-000-0114)**

DEPARTMENT OF THE ARMY

4 JUNE 1985

TECHNICAL MANUAL

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 4 JUNE 1985

NO.9-2320-269-20-2

ORGANIZATIONAL MAINTENANCE MANUAL**TRUCK, TELEPHONE MAINTENANCE,
UTILITY, CIS 36,000 GVW, 6 X 4, WI/WN,
WIE M876 (NSN 2320-00-000-01140)****REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA 2028-2 located in the back of this manual direct to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-M B, Warren, Michigan 48397-5000. A reply will be furnished to you.

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*This manual together with TM 9-2320-269-20-1, 4 June 1985 supersedes TM 9-2320-269-20, 16 December 1977.

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CAB DOOR AND HINGES

This task covers:

- | | |
|-------------------------|------------------------------|
| a. Removal (page 2-706) | c. Installation (page 2-712) |
| b. Repair (page 2-709) | d. Adjustment (page 2-713) |
-

INITIAL SETUP:**Tools**

Extension, 3/8-inch drive, 5-inch
 Hammer, ball-peen, machinist's, i-lb
 Handle, ratchet, 3/8-inch drive
 Punch, drive-pin, straight, 118-inch
 Screwdriver, cross-tip, number two
 Screwdriver, cross-tip, number four
 Socket, 3/8-inch drive, 1/2-inch
 Vise, machinist's

Materials/Parts

Board, 2-in. x 4-in. x 8-ft
 (5 cm x 10 cm x 1.24 cm)
 Plywood, 3-in. x 3-in. x 5/16-in.
 (9.6 cm x 9.6 cm x 2 cm)

Personnel Required

Three

Equipment Condition

Cab door inner panel removed (page 2-730).
 Rear view mirror assembly removed
 (page 2-1309).

LOCATION**ITEM****ACTION****REMARKS****REMOVAL**

WARNING

To prevent personnel injury, two people are required during door removal and installation.

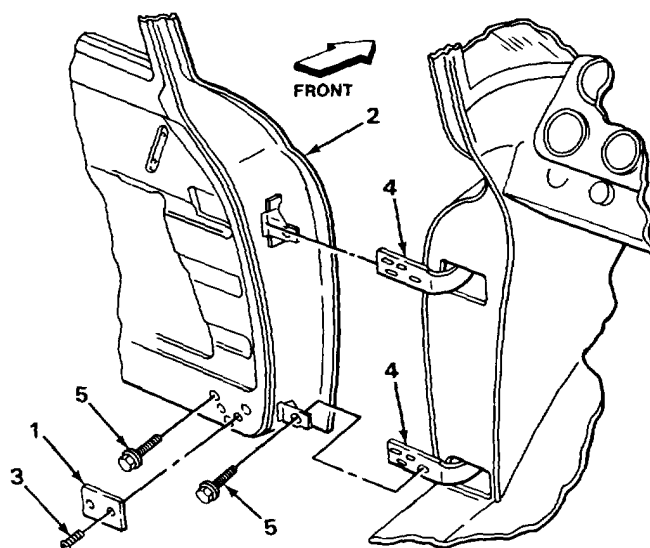
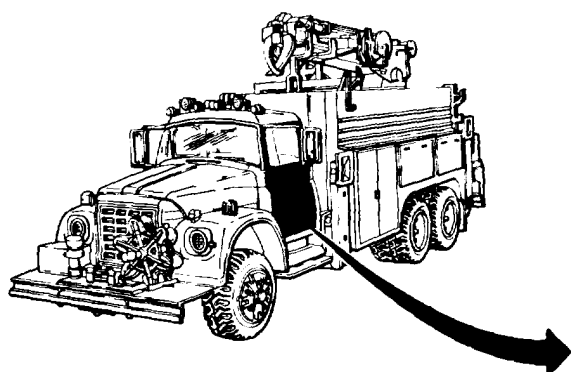
NOTE

The steps in this task are the same for both right and left cab door. The left door is used as the example.

If only adjusting door, go to step 28.

CAB DOOR AND HINGES - CONTINUED

LOCATION	ITEM	ACTION	REMARKS
REMOVAL - CONTINUED			
1. Hinge access cover (1) to door (2)	Two screws (3) and hinge access cover (1)	Using number two cross-tip screwdriver, unscrew and take off.	
2.	Door (2)	Have two assistants support door (2).	
3. Door (2) to two hinges (4)	Seven screws (5) handle, unscrew and take out.	Using 11/2-inch socket, extension, and	
4. Two hinges (4)	Door (2)	Have two assistants take off.	



CAB DOOR AND HINGES - CONTINUED

LOCATION	ITEM	ACTION	REMARKS
----------	------	--------	---------

REMOVAL - CONTINUED

NOTE

If there is no need to remove hinges, go to step 26.

- | | | | |
|----|--|---|---|
| 5. | Hinge access cover (1) to front fender (2) | Two screws (3) and hinge access cover (1) | Using number two cross-tip screwdriver, unscrew and take out. |
|----|--|---|---|

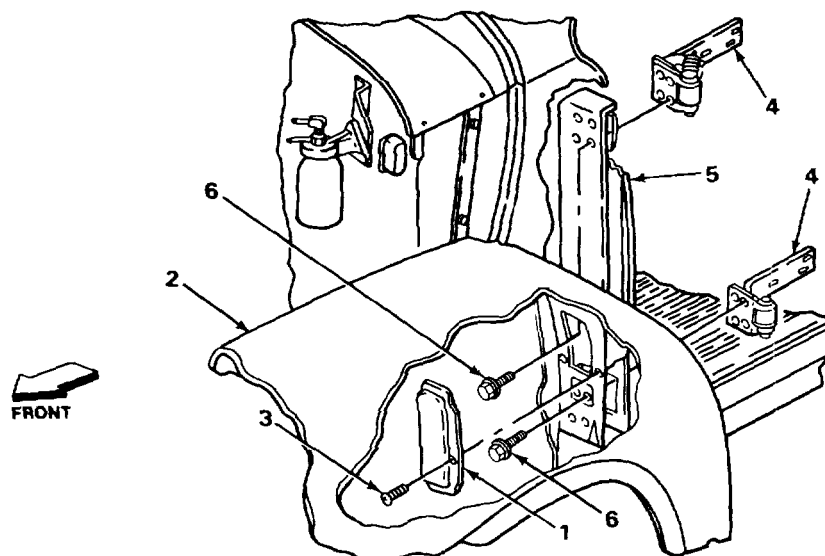
NOTE

Screws for top hinge are hidden, but there is enough room to reach up with hand and wrench.

- | | | | |
|----|----------------------------|--|------------------------------------|
| 6. | Two hinges (4) to cowl (5) | Eight screws (6) unscrew and take out. | Using 11/2-inch socket and handle, |
|----|----------------------------|--|------------------------------------|

NOTE

Top hinge must be in closed position to take out. Use a back-and-forth motion to take out.



TA229018

CAB DOOR AND HINGES - CONTINUED

LOCATION	ITEM	ACTION	REMARKS
----------	------	--------	---------

REPAIR

NOTE

To repair door, replace defective component. See task for component. Notify Direct Support Maintenance for repair of collision damage.

Only upper hinges have door check arms and springs. Steps 8 and 9, and 18 thru 21 are for upper hinge only. Otherwise, repair steps are the same for all four hinges.

8.
- Hinge cowl half (7)
- Secure in vise.

WARNING

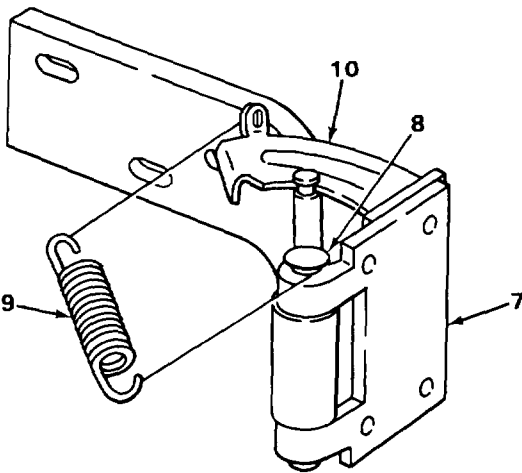
Eye protection must be worn while prying off check spring since spring may fly off hinge and cause serious injuries.

9.
- Hinge pin (8)
- Check spring (9)
- a

Using number two cross-tip screwdriver, pry off hinge pin (8).

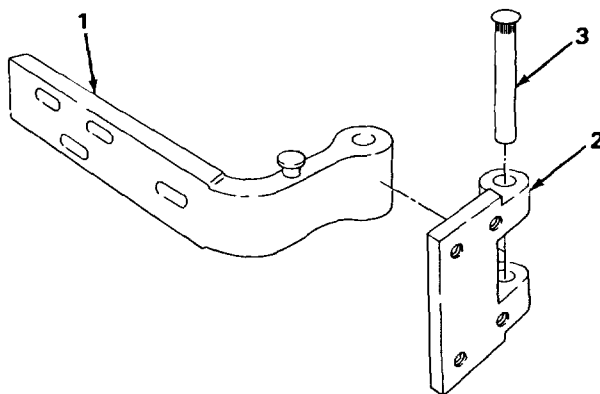
B

Take out of hole in check arm (10).



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LOCATION	ITEM	ACTION	REMARKS
REPAIR - CONTINUED			
10.	Hinge door half (1)	Secure upside down in vise.	
11.	Hinge door half (1) and hinge cowl half (2)	Hinge pin (3)	Using hammer and punch, drive out.
12.	Hinge door half (1)	Hinge cowl half (2)	Take out.
13.	Hinge door half (1)	New hinge pin (3)	Insert in door half (1) to check for wear. Pin should turn easily but there should be no side-to-side movement. If side-to-side movement, replace hinge.
14.	Hinge cowl half (2)	New hinge pin (3)	Repeat steps 11 thru 13 for cowl half. If side-to-side movement, replace hinge.
15.	Hinge door half (1)	Secure right side up in vise.	
16.	Hinge door half (1)	Hinge cowl half (2)	Put on.
17.	Hinge cowl Half (2) to hinge Door half (1)	New hinge pin (3)	a. Push into hinge halves (1) and (2). b. Using hammer, drive into place. c. Remove from vise.



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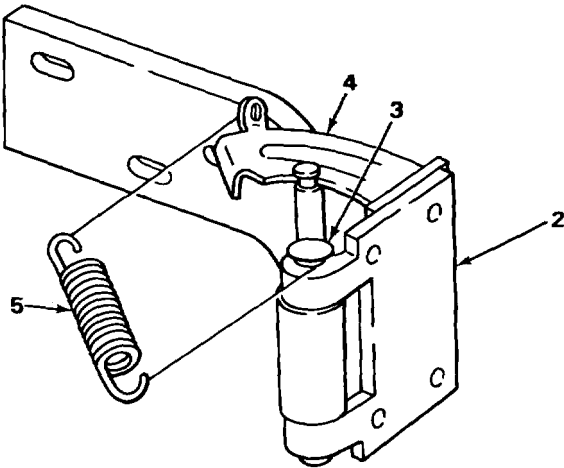
LOCATION	ITEM	ACTION	REMARKS
----------	------	--------	---------

REPAIR - CONTINUED

NOTE

Steps 18 thru 21 are for upper hinge only.

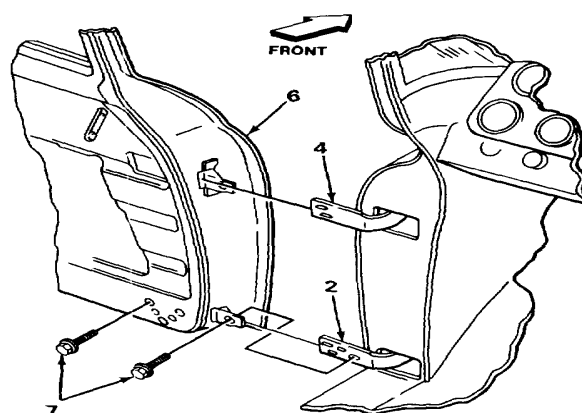
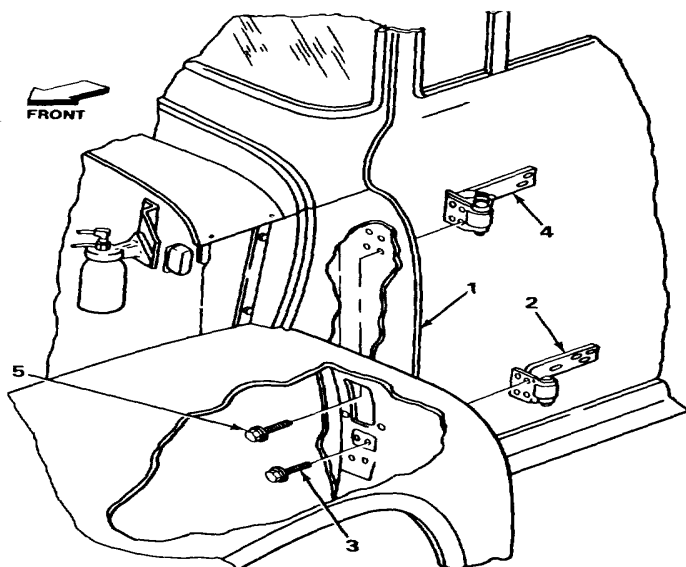
18.	Hinge cowl half (2)	Secure in vise.
19. Hinge check	Check spring (5)	Hook into hole in check arm (4).
20. Hinge cowl half (2)	Check spring (5)	Using either cross-tip screwdriver, pry onto hinge pin (3).
21.	Hinge cowl half (2)	Remove from vise.



TA229021

CAB DOOR AND HINGES - CONTINUED

LOCATION	ITEM	ACTION	REMARKS
INSTALLATION			
22. Cowl (1)	Lower hinge (2)	Put in place, and hold.	
23. Lower hinge (2) to cowl (1)	Four screws (3)	Screw in until snug using 11/2-inch socket and handle. Do not tighten.	
NOTE			
Upper hinge must be closed to put in.			
24. Cowl (1)	Upper hinge (4)	Put in place, and hold.	
25. Upper hinge (4) to cowl (1)	Four screws (5)	Screw in until snug using 11/2-inch socket and handle. Do not tighten.	
26. Upper hinge (4) and lower hinge (2)	Door (6)	Have assistants slide door onto hinges while you make sure hinges go into place.	
27. Upper hinge (4) and lower hinge (2) to door (6)	Seven screws (7)	Screw in until snug using 1/2-inch socket, extension, and handle. Do not tighten.	



TA229022