

NORMAL

MWO effective date 1 June 1992 and completion date 30 May 1994

**MWO 9-2320-279-20-8**

**MODIFICATION WORK ORDER**

**MODIFICATION OF M983 HEAVY EXPANDED  
MOBILITY TACTICAL TRUCK (HEMTT) TRACTOR**

**INSTALLATION INSTRUCTIONS FOR  
NATO SLAVE CABLE RETENTION DEVICE**

MODEL  
TRUCK, TRACTOR WIWINCH W/O CRANE M983

NSN  
2320-01-097-0247

HEADQUARTERS, DEPARTMENT OF THE ARMY, WASHINGTON, DC

**1 JULY 1992**

**REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this MWO. If you find any mistakes or if you know a way to improve the procedures, please let us know. Write a letter, or complete and mail in a DA Form 2028 (Recommended Changes to Publications and Blank Forms), direct to: Commander, U.S. Army Tank-Automotive Command, Attn: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

1. **PURPOSE.** The installation of the kit contained in this MWO is intended to keep the NATO slave cable from disconnecting and dragging when the M983 HEMTT is towing the M860A1 trailer.
2. **PRIORITY.** This modification is classified as NORMAL.
3. **END ITEM TO BE MODIFIED.** Refer to Table 1.

*TABLE 1. End Items to be Modified*

<b>Nomenclature</b>	<b>NSN</b>	<b>PN</b>	<b>CAGE</b>	<b>Model</b>	<b>Serial No. Range</b>
Truck Tractor W/O Crane	2320-01-097-0247	XM983WOC	19207	M983	40126 and below

**Approved for public release; distribution is unlimited.**

Change 1

- 4. **MODULE (COMPONENTS, ASSEMBLIES, SUBASSEMBLIES, BOARDS, AND CARDS) TO BE MODIFIED.**  
Not applicable.
- 5. **PARTS TO BE MODIFIED.** The following items, whether installed or in depot stock shall be modified. Refer to table 2

TABLE 2. Parts to be Modified

NOMENCLATURE	NSN	PN	CAGE
Relay Assembly Hose Tenna	2540-01-293-8331	1533720U 27200	45152 52762

**6. APPLICATION.**

- a. Time Compliance Schedule. The effective date of this MWO is 1 June 1992 and its completion date is 30 May 1994.
- b. Lowest Level of Maintenance Authorized to Apply the MWO: Unit.
- c. Work Force and Man-Hour Requirements for Application of this MWO to a Single Unit, End Item or System is as follows:

**REQUIREMENTS**

WORK FORCE/SKILLS

MAN-HOURS

Heavy Wheeled Vehicle Mechanic  
(MOS 63S) (1)

2.0

Total man-hours required for a single application of this MWO is two hours.

- d. MWO's to be applied to or Concurrently with the Application of this MWO: MWO 9-2320-279-20-3, Installation Instructions for NATO Slave Receptacle Relocation.
- e. Additional Information Deemed Necessary to Assist in the Application of this MWO. Not applicable.

**7. TECHNICAL PUBLICATIONS AFFECTED/CHANGED.** Refer to table 3

TABLE 3. Publications Affected

Publication	Date
TM 9-2320-279-10-1	November 1986
TM 9-2320-279-20-1	April 1987
TM 9-2320-279-20-2	April 1987
TM 9-2320-279-20P	March 1988
TM 9-2320-279-34P	March 1988

\*U.S. GOVERNMENT PRINTING OFFICE : 1994 0 - 300-421 (03170)

**8. MWO KITS/PARTS AND THEIR DISPOSITION.**

a. Kits/Parts Needed to Apply this MWO.

(1) The parts listed in table 4 are required to accomplish this MWO.

*TABLE 4. Part and Security Classification*

<b>Nomenclature</b>	<b>NSN</b>	<b>PN</b>	<b>CAGE</b>	<b>Qty</b>	<b>Classification</b>
NATO Slave Retention Kit	2590-01-316-5826	1719050 U	45152	1	Unclassified
Includes:					
Base, Slave Cable Retention		1718860	45152	1	Unclassified
Arm, Slave Cable Retention		1718850	45152	1	Unclassified
Spring, Torsional		1718840	45152	1	Unclassified
Screw, Cap, Hex Head .31-18 X 4.25		55682AX	45152	1	Unclassified
Nut, Self locking .31-18		69034AX	45152	1	Unclassified
Hook, Slave Cable Support		1718830	45152	6	Unclassified
Nut, Plain Hex .31-18		369AX1	45152	13	Unclassified
Washer, Plain .31		1804HX	45152	14	Unclassified
Washer, Lock .31		354AX	45152	7	Unclassified
Hose 7"		1331980	45152	1	Unclassified
Spring Support		1718820	45152	1	Unclassified
Capscrew, Hex Head 31-18-1.25		737HX1	45152	1	Unclassified

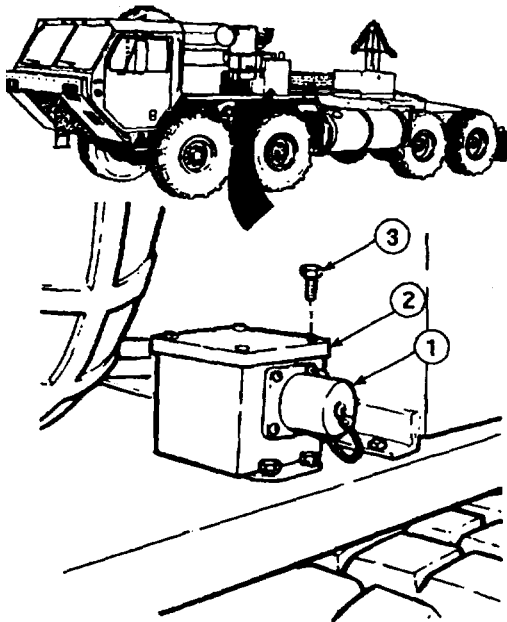
(2) Kit shipping data: Weight 11lbs.  
Volume 0.6 cu. ft.

- b. Contents of MWO Kits: Refer to table 4
- c. Bulk and Expendable Material: Not applicable.
- d. Parts Disposition: Not applicable.

**9. SPECIAL TOOLS; JIGS; TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE); AND FIXTURES REQUIRED.** Not applicable.

**10. MODIFICATION PROCEDURES.**

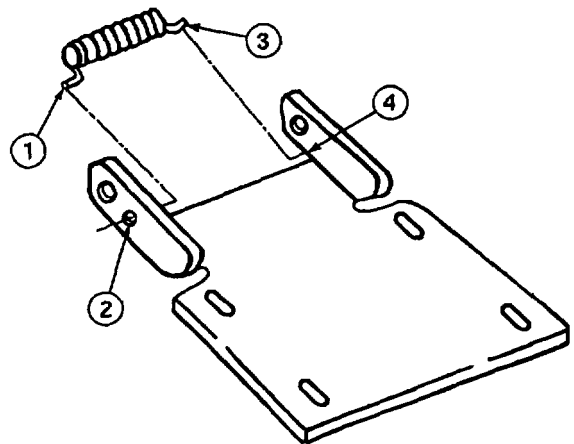
- a. Prepare vehicle for installation of slave cable retention device.



- (1) Remove cap (1) from NATO slave receptacle (2).
- (2) Remove four electrical box screws (3) from NATO slave receptacle (2).

- b. Assembling slave cable retention device.

- (1) Insert spring retainer end (1) into bracket hole (2).
- (2) Place opposite spring retainer end (3) under bracket retaining bolt hole end (4).



- (3) Insert spring retainer end (3) in bracket hole (5) and position bracket (6) in bracket (7).

