

NORMAL

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

MWO 9-2320-279-34-1

MODIFICATION WORK ORDER

MODIFICATION OF M977 SERIES HEAVY EXPANDED MOBILITY TACTICAL TRUCK (HEMTT) INSTALLATION INSTRUCTIONS FOR THREE POINT SEAT BELTS

MODEL	NSN
TRUCK, CARGO, W/WINCH M977	2320-01-097-0260
TRUCK, CARGO, W/O WINCH M977	2320-01-099-6426
TRUCK, TANK, FUEL, W/WINCH M978	2320-01-097-0249
TRUCK, TANK, FUEL, W/O WINCH M978	2320-01-100-7672
TRUCK, TRACTOR W/WINCH W/O CRANE M983	2320-01-097-0247
TRUCK, WRECKER, W/WINCH M984	2320-01-097-0248
TRUCK, WRECKER, W/WINCH M984A1	2320-01-195-7641
TRUCK, CARGO, W/WINCH M985	2320-01-097-0261
TRUCK, CARGO, W/O WINCH M985	2320-01-100-7673
TRUCK, CARGO, W/WINCH M985E1	2320-01-194-7032

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 away 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.

Approved for public release; distribution is unlimited.

1. **PURPOSE.** The installation of the kit contained in this MWO is intended to provide a safer environment for the HEMTT operator and passenger.
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

Nomenclature	NSN	PN	CAGE	Model	Serial No. Range
Truck, Cargo, w/Winch	2320-01-097-0260	XM977WW	19207	M977	40005 and below
Truck, Cargo, w/o Winch	2320-01-099-6426	XM977WOW	19207	M977	
Truck, Tank Fuel, w/Winch	2320-01-097-0249	XM978WW	19207	M978	
Truck, Tank, Fuel, w/o Winch	2320-01-100-7672	XM978WOW	19207	M978	
Truck, Tractor w/Winch w/o Crane	2320-01-097-0247	XM983WOC	19207	M983	
Truck, Wrecker, w/Winch	2320-01-097-0248	XM984WW	19207	M984	
Truck, Wrecker, w/Winch	2320-01-195-7641	XM984A1WW	19207	M984A1	
Truck, Cargo, w/Winch	2320-01-097-0261	XM985W	19207	M985	
Truck, Cargo, w/o Winch	2320-01-100-7673	XM985WOW	19207	M985	
Truck, Cargo, w/Winch	2320-01-194-7032	XM985E1WW	19207	M985E1	

4. **MODULE (COMPONENTS, ASSEMBLIES, SUBASSEMBLIES, BOARDS, AND CARDS) TO BE MODIFIED.** The following item whether installed or in depot stock, shall be modified prior to issue and shall be marked so that it can be easily determined that modification has been accomplished. Refer to Table 2.

Table 2. Parts to be Modified

NOMENCLATURE	NSN	PN	CAGE
Cab Assembly	2510-01-193-1745	1310710U	45152

5. **PARTS TO BE MODIFIED.** Not applicable.

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: Direct Support.
- 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)

3.5

Total man-hours required for a single application of this MWO is 3.5 hours.

- d. MWO's to be applied to or Concurrently with 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 9-2320-279-20-2	April 1987
TM 9-2320-279-20P	March 1988
TM 9-2320-279-34P	March 1988

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

Nomenclature	NSN	PN	CAGE	Qty	Classification
Three Point Seat Belt Kit	2540-01-293-8331	3SK652	45152	1	Unclassified
Consists of:					
Screw, 0.44-15 x 3.25	5305-01-354-2488	2816HX	45152	2	Unclassified
Locknut, 0.44-14	5310-00-241-6659	MS51943-37	96906	4	Unclassified
Washer, 0.44 HDW	5310-00-184-8628	MS 15795-816	96906	8	Unclassified
Screw, 0.44-14 x 3.00	5306-00-087-0787	MS 16208-86	96906	2	Unclassified
Lockwasher, 0.44	5310-01-081-1283	352-A	45152	4	Unclassified
Screw, 0.44-20 x 3.00	5305-01-354-2487	1773HX1	45152	4	Unclassified
Seat Belt Kit, 3 Point including:		1708550	45152	2	Unclassified
Locator Bracket				1	Unclassified
Flat Washers 0.44 HDW			45152	4	Unclassified
Bushing (1) 0.56				1	Unclassified

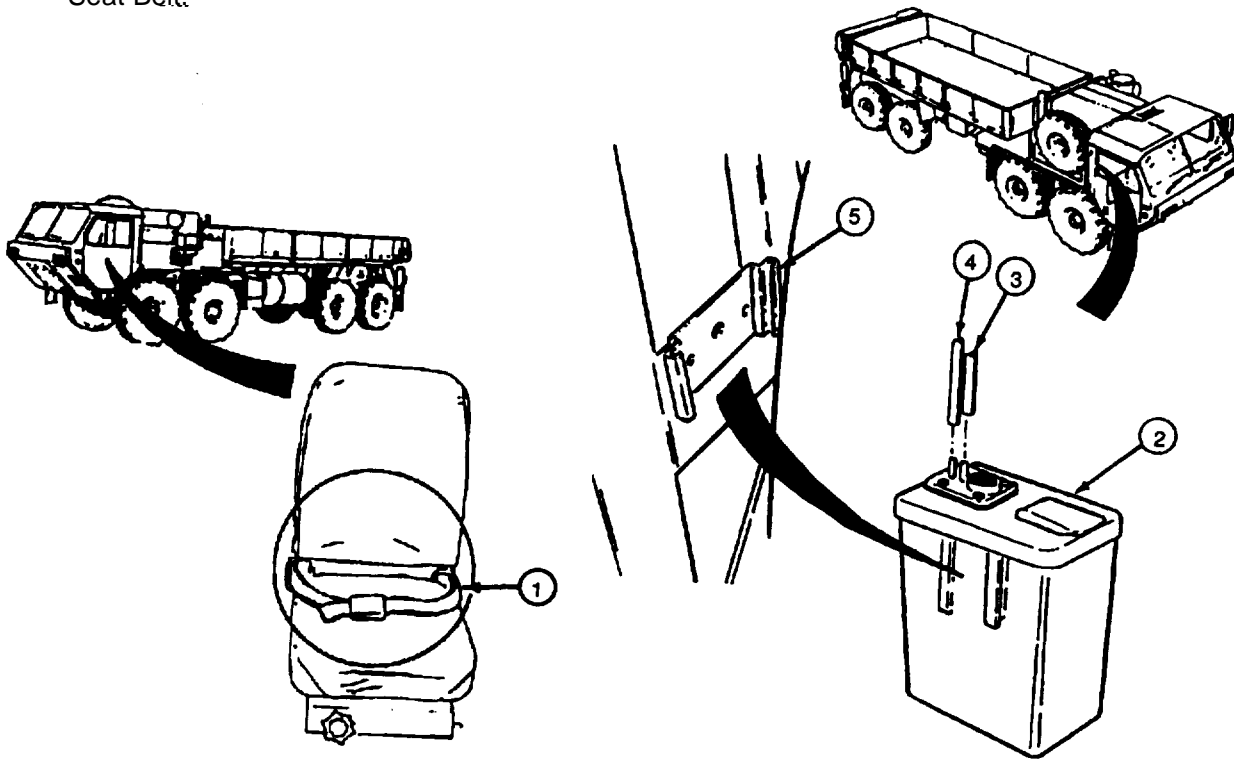
(2) Kit shipping data:
 Weight 5 lbs.
 Volume 0.2 cu. ft.

- 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. Preparation for Installation of Three-Point Seat Belt.



(4) If a gas particulate kit is installed, remove valve (6), connector (7), and retaining ring (8). If a gas particulate kit is not installed, go to step 6.

NOTE

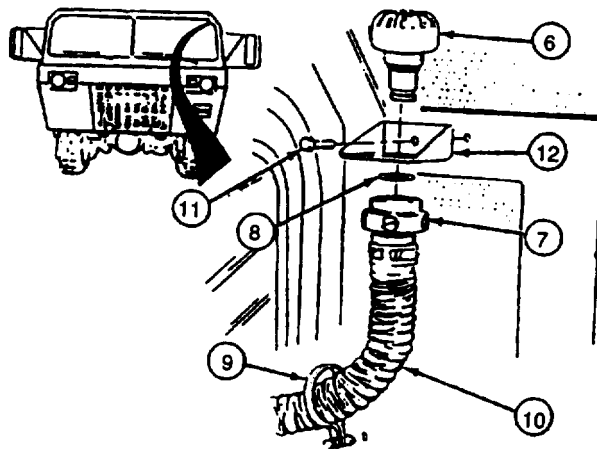
Use existing fasteners unless otherwise shown in procedure.

- (1) Remove two lap belts (1) in accordance with TM 9-2320-279-20, para 16-32. Save fasteners.

NOTE

Tag and mark hoses before removal.

- (2) If windshield washer reservoir (2) is installed behind the passenger seat, remove air hose (3) and fluid hose (4) from the reservoir.
- (3) Remove reservoir (2) from bracket (5).



(5) Remove clip (9) and hose (10). Move hose (10) out of the way.

(6) Remove screw (11) and, if installed, hanger (12).