

URGENT

MWO effective date 01 Nov 2001 and completion date 30 June 2006

MWO 9-2320-279-20-9

MODIFICATION WORK ORDER

MODIFICATION OF M977 SERIES 8X8 HEAVY EXPANDED MOBILITY TACTICAL TRUCK (HEMTT)

INSTALLATION INSTRUCTIONS FOR BOLT TOGETHER WHEELS

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
TRUCK, LHS, M1120	2320-01-471-1326
TRUCK, CBT, W/WINCH, M1977	2320-01-443-8023
TRUCK, CBT, W/O WINCH, M1977	2320-01-442-1940

**HEADQUARTERS, DEPARTMENT OF THE ARMY, WASHINGTON, DC
1 December 2001**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Submit your DA Form 2028 (Recommended Changes to Equipment Technical Publications), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <http://aeps.ria.army.mil>. If you need a password, scroll down and click on "ACCESS REQUEST FORM". The DA Form 2028 is located in the ONLINE FORMS PROCESSING section of the AEPS. Fill out the form and click on SUBMIT. Using this form on the AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax or E-mail your letter or DA Form 2028 direct to: AMSTA-LC-CI / TECH PUBS, TACOM-RI, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. The email address is TACOM-TECH-PUBS@ria.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726.

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MWO 9-2320-279-20-9

1. PURPOSE Changing over the wheels on the HEMTT will reduce chances for accidents and injury when handling the current split ring wheel.

2. PRIORITY. This Modification is classified as URGENT.

3. END ITEM TO BE MODIFIED. Refer to table 1.

Table 1. End Items to be Modified

<u>Nomenclature</u>	<u>NSN</u>	<u>PN</u>	<u>CAGE</u>	<u>Model</u>
Truck, Cargo, w/Winch	2320-01-097-0260	XM977WW	19207	M977
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 Crn	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	XM985WW	19207	M985
Truck, Cargo, w/o Winch	2320-01-100-7673	XM985WOW	19207	M985
Truck, Cargo w/Winch (GMT)	2320-01-194-7032	XM985E1WW	19207	M985E1
Truck, LHS	2320-01-471-1326	XM1120	19207	M1120
Truck, CBT, w/Winch	2320-01-443-8023	M1977	19207	M1977
Truck, CBT, w/o Winch	2320-01-442-1940	HEMTTCBT	19207	M1977

4. MODULE (COMPONENTS, ASSEMBLIES, SUBASSEMBLIES, BOARDS AND CARDS) TO BE MODIFIED. Not applicable.

5. PARTS TO BE MODIFIED. SEE TABLE 2

Table 2. Parts to be Modified

<u>Nomenclature</u>	<u>NSN</u>	<u>PN</u>	<u>CAGE</u>
Tire, Pneumatic	2610-01-334-2694	16.00R20/XZLTLMR	0A8K5
Tire, Pneumatic	2610-01-126-1576	16.00R20/J/TBTR	81348
Inner tube, Pneumatic	2610-01-165-0567	20V576	12195
Flap, Inner Tube, Pneumatic	2640-01-176-4797	15-20	12195
Ring, Lock, Automotive	2530-00-278-6567	41857-2	09386
Ring, Side Automotive	2530-01-151-5579	41856-12	09386
Wheel, Pneumatic Tire	2530-01-159-9804	1307030	45152

6. APPLICATION.

a. Time compliance Schedule: The effective date is 1 November 2001 and completion date is 30 June 2006.

b. Lowest Level of Maintenance Authorized to Apply the MWO: Unit

c. Work Force Man-Hour Requirements for Application of this MWO to a single Unit, End Item or System is as follows:

<u>Requirements</u>	<u>MAN-HOURS</u>
WORK FORCE/SKILLS	
Heavy Wheeled Vehicle Mechanic (MOS 63S)(2)	
Removal and replacement	5.5
Disassembly and demilitarization	9

7. TECHNICAL PUBLICATIONS AFFECTED/CHANGED. Refer to Table 3.

Table 3. Publications Affected

<u>Publication</u>	<u>Date</u>
TM 9-2320-279-10-1	November 1996
TM 9-2320-279-20-2	April 1987

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

<u>Nomenclature</u>	<u>NSN</u>	<u>PN</u>	<u>CAGE</u>	<u>Qty</u>	<u>Classification</u>
Bolt together Wheel Kit consists of	2530-01-478-0958	57K4372	19207	1	Unclassified
Bolt together Wheel/Tire Assy	2610-01-477-1660	4SK793	45152	9	Unclassified
Plate, Instruction, MWO	9905-00-858-5682	10930014	19207	1	Unclassified

(2) Kit shipping Data: Weight 420 lbs.
Volume 26.7 cu.ft.

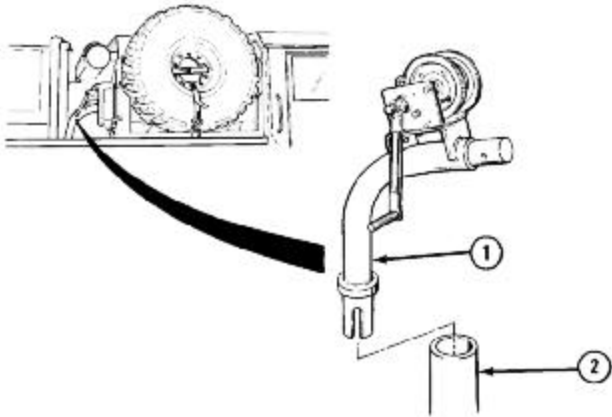
- b. Contents of MWO Kits: Refer to Table 4.
- c. Bulk and Expendable Material: None
- d. Parts Disposition: Contact TACOM, DSN 786-5869 or 786-8896 (Comm prefix 810-574-) for final disposition.

9. SPECIAL TOOLS; JIGS, TMDE AND FIXTURES REQUIRED

None.

10. MODIFICATION PROCEDURES

- a. Prepare Tire and Davit:
 - (1) Completely deflate spare tire, cut the valve stem and discard.



(2) Remove hoist arm (1) from mounting bracket (2).