

ROUTINE

MWO effective date is 1 November 1999 and completion date is 31 January 2013.

***MWO 9-1005-245-20-3**

MODIFICATION WORK ORDER

MODIFICATION OF MOUNT, TRIPOD, MACHINE GUN, 7.62MM, M122 (NSN 1005-00-710-5599) (EIC 4EF)

HEADQUARTERS, DEPARTMENT OF THE ARMY, WASHINGTON, D.C.

31 January 2008

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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SUPERSEDURE NOTICE: This manual supersedes MWO 9-1005-245-20-2, dated 1 November 1999.

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1. **PURPOSE.** This MWO prescribes procedures to convert an M122 Machine Gun Tripod Mount. The new M122A1 Tripod will be used to mount a M240B Machine Gun that is equipped with a hydro-pneumatic buffer. **This is only for the transfer of M122 Tripods to units with M240B Machine Guns to include TPF fieldings.**

*MWO 9-1005-245-20-3 supersedes MWO 9-1005-245-20-2, dated 1 November 1999.

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- 2. **PRIORITY.** This modification is classified **ROUTINE**.
- 3. **END ITEM(S) OR SYSTEM(S) TO BE MODIFIED.** See Table 1.

Table 1. End Item(s) or System(s) to be Modified

Nomenclature	NSN	Part No.	CAGEC	LIN
M122 Tripod Mount	1005-00-710-5599	7790723	19205	M75714

- 4. **MODULES (COMPONENTS, ASSEMBLIES, SUBASSEMBLIES, BOARDS AND CARDS) TO BE MODIFIED.** Not Applicable.
- 5. **PARTS TO BE MODIFIED.** Not Applicable.
- 6. **APPLICATION.** Total man-hours required for a single application of this MWO is: 0.25 hours.
 - a. Time Compliance Schedule: MWO effective date is 1 November 1999 and completion date is 31 January 2013.
 - b. Lowest Level of Maintenance Authorized to Apply this MWO: Organizational Level.
 - c. Work Force and Man-Hour Requirements for Application of the MWO is to a Single Unit, End Item, or System:

Work Skills Force	Man-Hours
MOS 76Y	0.25 hours

- 7. **Technical Publications Affected/Changed.** See Table 2

Table 2. Technical Publications Affected/Changed

Publication Number	Date
TM 9-1005-245-13&P	17 April 2005
DMWR 9-1005-225	April 1995

8. MWO KIT(S)/PART(S) AND THEIR DISPOSITION:

- a. Kit/Parts needed to apply MWO are listed in Table 3.

Table 3. MWO Kit(s)/Part(s) Needed to Apply the MWO

Nomenclature	NSN	Part No.	Qty	CAGEC
MWO Kit, Mount, Gun consisting of:	1005-01-479-4522	12990881	1 EA	19200
1. Adapter Assembly (Fig 2, Item 4) consisting of (Parts/SMR Code):	1005-01-225-1156	9378233	1 EA	19200
a. Fork (XAOZZ)		9378232	1 EA	
b. Clip (PAOZZ)	5340-01-225-8545	9378231	1 EA	19200
c. Ring (PAOZZ)	1005-01-223-2892	9378229	1 EA	19200
d. Pin (PAOZZ)	5315-01-225-8635	9378228	1 EA	19200
2. Pintle Assembly (Fig 2, Item 5)	1005-01-461-2656	12986102	1 EA	19200
3. Ring (Fig 2, Item 2)	5325-00-753-3929	MS16624-3043	2 EA	19200
4. MWO 9-1005-245-20-2	N/A	N/A	1 EA	19200

- b. Parts Disposition. See Table 4 for a list of parts removed during application of this MWO. All the parts listed in Table 4 are still valid parts for use with the M122 Tripod Mount and M60 Machine Gun and should be retained by the gaining unit if they still have M60 Machine Guns. The mount pintle is also a component part when the M249 SAW is placed on the M122 Tripod and should be retained if the unit has M249 SAWs. Cross leveling of the parts listed in Table 4 to a unit still requiring their use is strongly encouraged. Otherwise they should be turned in through the normal channels for proper disposal.

Table 4. Parts Disposition

NOMENCLATURE	NSN	Part Number	QTY	CAGEC
Parts Kit Adapter Assembly	1005-01-519-2128	13008479	1 EA	19200
Helical Compression Spring	5360-00-772-0193	7792987	1 EA	19205
Mount Pintle	1005-00-945-9756	11010408	1 EA	19205
Stud Plunger	1005-00-772-0192	7792986	1EA	19205

9. SPECIAL TOOLS; TOOL KITS; JIGS; TEST, MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE); AND FIXTURES REQUIRED.

Table 5. Special Tools

NOMENCLATURE	NSN	Part Number	QTY	CAGEC
Retaining Ring Pliers	5120-00-088-9393	N/A	1 EA	N/A

10. MODIFICATION PROCEDURES.

- a. **DISASSEMBLY:** Remove the following parts in accordance with subsequent instructions and Figure 1:

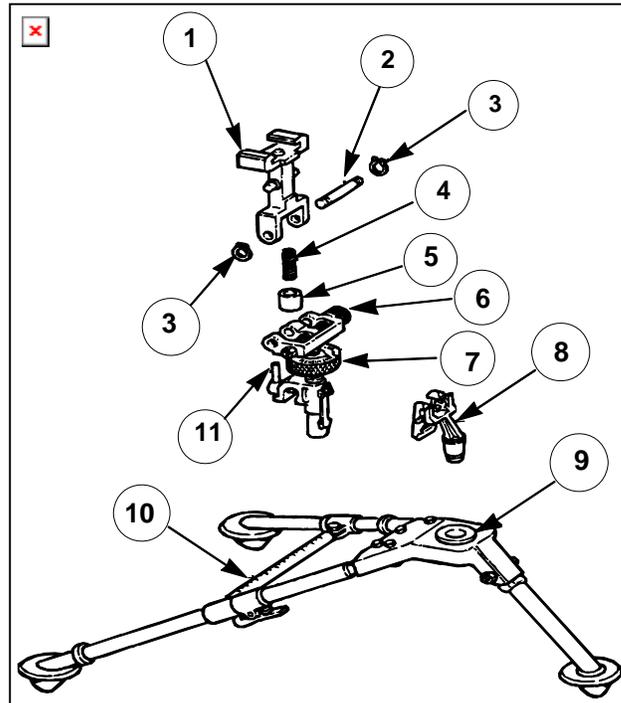


Figure 1

- (1) Remove mount pintle (8), PN 11010408, from sleeve bushing (9).
- (2) Using retaining ring pliers, remove the retaining ring (3) that is closest to the traversing handwheel knob (6) from headless grooved pin (2).
- (3) Carefully remove headless grooved pin (2) from adapter assembly (1).

WARNING

To avoid injury to your eyes, wear goggles or face shield when removing and installing spring loaded parts.

- (4) Remove traversing adapter assembly (1), PN 7792991, helical compression spring (4), PN 7792987, and stud plunger (5), PN 7792986.
- b. Follow the disposition instructions provided in paragraph 8 for the traversing adapter assembly (1), PN 7792991, helical compression spring (4), PN 7792987, stud plunger (5), PN 7792986 and the mount pintle (8), PN 11010408.
- c. Using metal stamp kit, NSN 5110-00-289-0006, stamp an 'A1' after the M122 on the tripod head. Using the 'X' stamp from the kit, X-out the part number on the tripod head.

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- d. REASSEMBLY: Add the following parts in accordance with subsequent instructions and Figure 2:

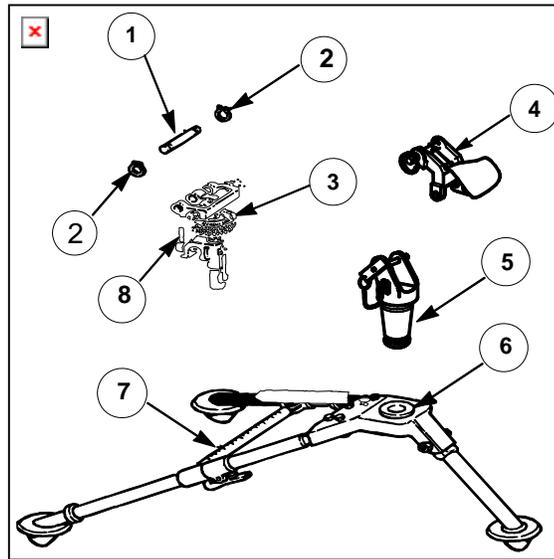


Figure 2

- (1) Install pintle assembly (5), PN 12986102, in the sleeve bushing (6) of the tripod leg assembly, PN 7790948.
- (2) Install the fork assembly (4) on the traversing and elevating mechanism (3).
- (3) Install the grooved pin (1), PN 7792993, in the traversing and elevating mechanism (3) and the fork assembly (4), PN 12990570.
- (4) Install retaining ring (2), PN MS16624-3043, on headless grooved pin (1), PN 7792993.

11. CALIBRATION REQUIREMENTS. Not Applicable.

12. WEIGHT AND BALANCE DATA. The weight and balance are not significantly affected.

13. QUALITY ASSURANCE REQUIREMENTS. Not Applicable.

14. RECORDING AND REPORTING OF THE MODIFICATION.

a. Records and Reports. The modification team is responsible for application, and will report application information as follows:

- (1) Reporting will be accomplished by electronic means. MWO application information can be input directly into the Modification Management Information System (MMIS) over the Internet.
- (2) Submission will be comprised of the 15 data elements listed in Table 6. Elements 1, 2, 6, 7, 8 and 12 are given for this MWO (as shown). The person reporting the MWO data will acquire the remaining elements (3, 4, 5, 9, 10, 11, 13, 14 and 15), and input all 15 into MMIS

14. RECORDING AND REPORTING OF THE MODIFICATION (cont).

Table 6.

	DATA ELEMENT	INPUT DATA
1	MCN	1-00-05-0001
2	MWO Number	MWO 9-1005-245-20-2
3	UIC (BN Level)	
4	Unit Name	
5	Unit Location	
6	NSN of End Item (Old)	1005-00-710-5599
7	NSN of End Item (New)	1005-01-433-1617
8	Registration Number	N/A
9	Date of Application	
10	Man-Hours Required for Application	
11	Applied by (Name)	
12	Software Version	N/A
13	Quantity	
14	Your E-mail Address	
15	Comments	

b. Marking Equipment. Marking shall be in accordance with paragraph 10(c).

c. Identification Data.

NOMENCLATURE	MODEL NO.	CAGEC/ Part Number	NSN	LIN
Before Modification: Mount, Tripod, Machine Gun, 7.62mm	M122	19205 7790723	1005-00-710-5599	M75714
After Modification: Mount, Tripod, Machine Gun, 7.62mm	M122A1	19200 12976949	1005-01-433-1617	M75964

15. **MATERIEL CHANGE (MC) NUMBER.** This MWO is authorized by MCN 1-00-05-0001. This MCN is the same one used in MWO 9-1005-245-20-2, which has been superseded by this MWO.

16. **MODIFICATION IDENTIFICATION.** The M122A1 MG Tripod consists of a pintle assembly, PN 12986102 and a fork assembly, PN 12990570 with the following parts from the M122 MG Tripod Mount: traversing and elevating mechanism, PN 7791119; leg assembly, PN 7790948; grooved headless pin, PN 7792993; and the two retaining rings, PN MS16624-3043. See Figure 3 below for illustration of tripod after completion of this MWO.

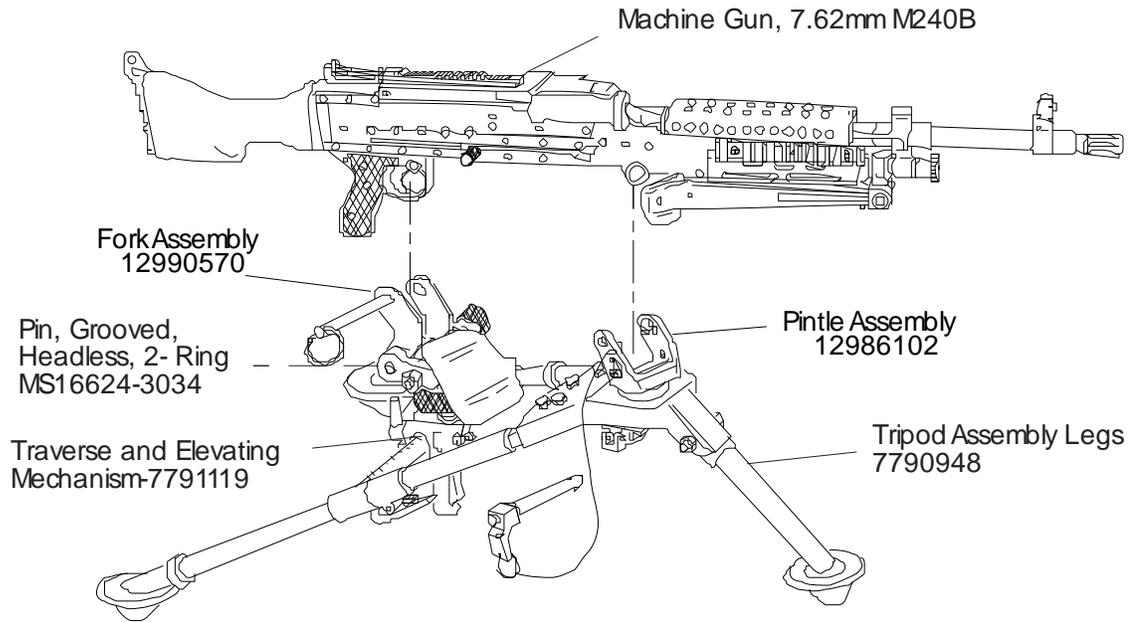


Figure 3

By Order of the Secretary of the Army:

Official:


JOYCE E. MORROW
*Administrative Assistant to the
Secretary of the Army*
0803001

GEORGE W. CASEY, JR.
*General, United States Army
Chief of Staff*

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