

ROUTINE

MWO effective date is 1 November 1999 and completion date is 31 October 2004.

MWO 9-1005-245-20-1

MODIFICATION WORK ORDER

MODIFICATION OF MOUNT, TRIPOD, MACHINE GUN, 7.62MM, M122A1 (NSN 1005-01-433-1617)

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

1 November 1999

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 2028-2 (Recommended Changes to Equipment Technical Publications), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <http://aeeps.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 email your letter, DA Form 2028, or DA Form 2028-2 direct to: Commander, U.S. Army Tank-automotive and Armaments Command, ATTN: AMSTA-LC-CIP-WT, Rock Island, IL 61299-7630. The email address is amsta-lc-nml@ria.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726.

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1. **PURPOSE.** This MWO prescribes procedures to upgrade an M122A1 Machine Gun Tripod Mount through the removal of the flexible mount and the addition of a new pintle assembly and machine gun adapter. The new M122A1 Tripod will be used to mount a M240B Machine Gun that is equipped with a hydropneumatic buffer.
2. **PRIORITY.** This modification is classified **ROUTINE**.

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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
M122A1 Tripod Mount	1005-01-433-1617	12976949	19205	M75964

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 October 2004.
- b. Lowest Level of Maintenance Authorized to Apply this MWO: Organizational Level.
- c. Work Force and Man-Hour Requirements for Application of the MWO to a Single Unit, End, Item, or System:

Work Skills Force	Man-Hours
MOS 92Y	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	December 1994
DMWR 9-1005-225	April 1995

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

- a. Kit/Parts needed to apply the MWO: See Table 3.

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

Nomenclature	NSN	Part No.	Qty	CAGEC	Security Classification
MWO Kit, Mount, Gun consisting of:					
1) Fork Assembly	N/A	12990570	1 EA	19200	U
2) Pintle Assembly	1005-01-461-2656	12986102	1 EA	19200	U
3) Ring	5325-00-753-3929	MS16624-3043	2 EA	19200	U
4) MWO 9-1005-245-20-1	N/A	N/A	1 EA	19200	U

- b. Parts Disposition. See Table 4 below for a list of parts removed during application of this MWO.
 The flexible mount assembly listed in Table 4 should be turned in to the supply system for redistribution. Report by FTE (Report of Excess) process in accordance with AR 725-50, Chapter 7. Disposition instructions will be provided by TACOM-RI.

Table 4. Parts Disposition

NOMENCLATURE	NSN	Part Number	QTY	CAGEC
Flexible Mount Assembly	1005-01-411-6340	12976940	1 EA	19200

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:

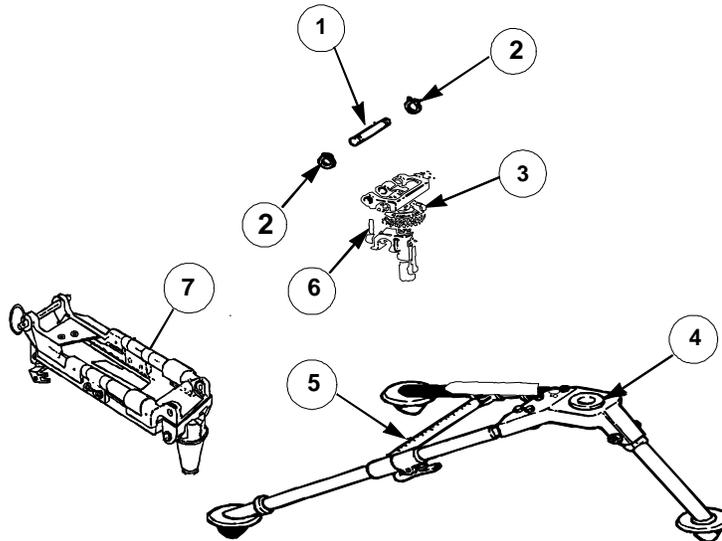


Figure 1

- 1) Using retaining ring pliers, remove the retaining clip (2) that is closest to the traversing handwheel knob. Remove headless grooved pin (1).
- 2) Remove flexible mount (7), PN 12976940, from sleeve bushing (4). Turn traversing lever (6) counterclockwise and remove the traversing and elevating mechanism assembly (3).
- 3) Follow the disposition instructions provided in paragraph 8 for the flexible mount (7), PN 12976940.

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

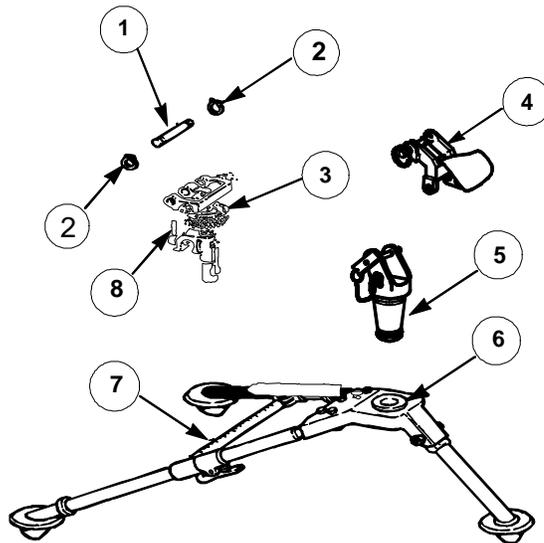


Figure 2

- 1) Install pintle assembly (5), PN 12986102, in the sleeve bushing (6) of the tripod leg assembly, PN 7790948.
 - 2) Place traversing and elevating mechanism (3), PN 7791119, on traverse bar assembly (7) and secure by turning traversing lever (8) clockwise.
 - 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.
- c. If the tripod was not previously stamped, use metal stamp kit, NSN 5110-00-289-0006, and 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.

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.

- 1) DA Form 2407 or DA Form 5504 shall be prepared with instructions contained in DA Pam 738-750 for requesting and reporting an MWO.
- 2) Copy 2 of the DA Form 2407/DA Form 5504 shall be returned to the following address:
Commander
TACOM-RI
ATTN: AMSTA-LC-CIPWM (Ms. Kathleen Johnson)
Rock Island, IL 61299-7630

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

b. Marking Equipment. Not Applicable.

15. MATERIEL CHANGE (MC) NUMBER. No MC number is required for 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.

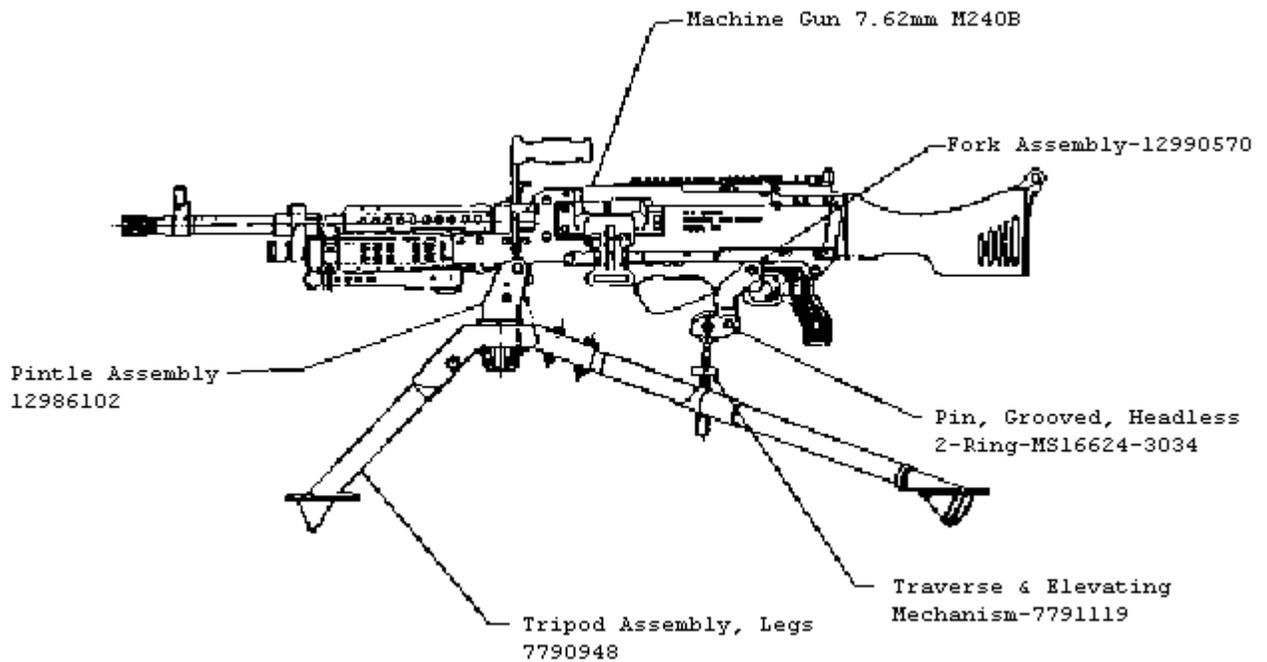
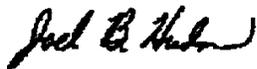


Figure 3

By Order of the Secretary of the Army:

ERIC K. SHINSEKI
General, United States Army
Official: Chief of Staff

Official:



JOEL B. HUDSON
Administrative Assistant to the
Secretary of the Army
9917301

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