

ROUTINE

MWO effective date is 1 June 1997 and completion date is 30 May 2002

MWO 9-1005-245-30-1

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, DC

27 May 1997

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this MWO. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Write your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) located in the back of your manual directly to Director, Armament and Chemical Acquisition and Logistics Activity, ATTN: AMSTA-AC-NML, Rock Island, IL 61299-7630. A reply will be provided to you.

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1. **PURPOSE.** This MWO prescribes procedures to convert a M122 Machine Gun Tripod Mount into a M122A1 Machine Gun Tripod Mount.
2. **PRIORITY.** This modification is classified ROUTINE.
3. **END ITEMS OR SYSTEM TO BE MODIFIED.** See Table 3-1 below.

Table 3-1.

NOMENCLATURE	NSN	Part Number	QTY	CAGEC
M122 Tripod Mount	1005-00-710-5599	7790723	1 ea	19205

4. **MODULES (COMPONENTS, ASSEMBLIES, SUBASSEMBLIES, BOARDS AND CARDS) TO BE MODIFIED.** Not Applicable.
5. **PARTS TO BE MODIFIED.** Not Applicable.
6. **APPLICATION.**
 - a. Time Compliance Schedule: MWO effective date is 1 June 1997 and completion date is 30 May 2002.
 - b. Maintenance Level. The lowest level of maintenance authorized to apply this MWO is direct support maintenance.
 - c. Work Force and Man-Hour Requirements. Total man-hours for a single application of this MWO is 0.25 hours.
7. **Technical Publications Affected/Changed.** The following technical manual(s) (TM) and depot maintenance work requirement(s) (DMWR) will be affected by this MWO.

TM 9-1005-245-13&P
DMWR 9-1005-225

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

- a. Parts Needed to Apply this MWO. See table 8-1 below for list of parts.

Table 8-1.

NOMENCLATURE	NSN	Part Number	QTY	CAGEC
Flexible MG Mount	1005-01-411-6340	12976940	1 ea	19200
MWO 9-1005-245-30-1	N/A	N/A	1 ea	19200

- b. Contents of MWO Kit. Not Applicable.
- c. Bulk and Expendable Material. Not Applicable.

- d. Parts Disposition. See table 8-2 below for a list of parts removed during application of this MWO:

Table 8-2.

NOMENCLATURE	NSN	Part Number	QTY	CAGEC
Traversing adapter assembly	1005-00-772-0194	7792991	1 ea	19205
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	1 ea	19205

All the parts listed in table 8-2 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 will still have M60 MGs. 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 M249s. Cross leveling of the parts listed in table 8-2 to a unit still requiring their use is strongly encouraged. Otherwise they should be turned in through the normal channels for proper disposal.

9. SPECIAL TOOLS; TOOL KITS; JIGS; TEST, MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE); AND FIXTURES REQUIRED. Not Applicable.

10. MODIFICATION PROCEDURES.

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

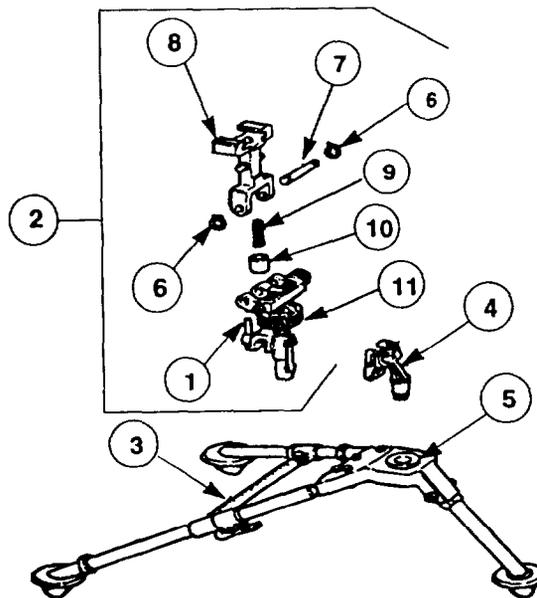


Figure 1

- (1) Turn traversing lever (1) counterclockwise and remove traversing and elevating mechanism (2) from traversing bar (3).
- (2) Remove mount pintle (4), PN 11010408, from sleeve bushing (5).

10. MODIFICATION PROCEDURES (cont).

- (3) Remove one retaining ring (6) from headless grooved pin (7).
- (4) Carefully remove headless grooved pin (7) from adapter assembly (8).

WARNING

To avoid injury to your eyes, use care when removing and/or installing spring loaded parts.

- (5) Remove traversing adapter assembly (8), PN 7792991, helical compression spring (9), PN 7792987, and stud plunger (10), PN 7792986.
- b. Follow the disposition instructions provided in paragraph 8d above for the traversing adapter assembly (8), PN 7792991, helical compression spring (9), PN 7792987, stud plunger (10), PN 7792986, and the mount pintle (4), PN 11010408.
- c. Using metal stamp kit, NSN 5110-00-289-0006, stamp an 'AI' after the M122 on the tripod head. Using the 'X' stamp from the kit, X-out the part number on the tripod head.
- d. Reassembly: Add the following parts in accordance with subsequent instructions and figure 2:

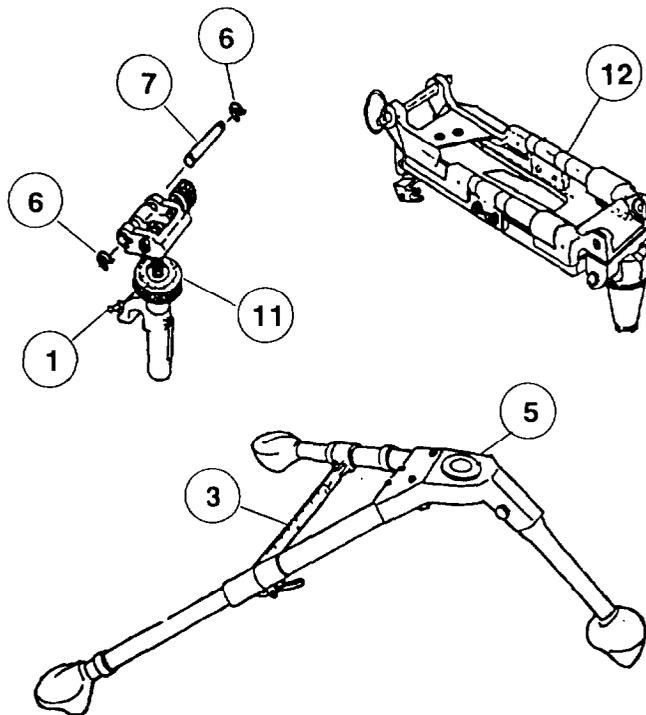


Figure 2

- (1) Install the pintle of the Flexible Machine Gun Mount (12), PN 12976940, in the sleeve bushing (5) of the tripod leg assembly, PN 12976948.
- (2) Place traversing and elevating mechanism (11), PN 7791119, on traverse bar assembly (3) and secure by turning traversing lever (1) clockwise.
- (3) Install the headless grooved pin (7), PN 7792993, in the traversing and elevating mechanism (11) and the Flexible Machine Gun Mount (12).

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d. Reassembly (cont)

(4) Install retaining ring (6), PN MS16624-1043, on headless grooved pin (7), 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. Record and report accomplishment of the modification in accordance with DA PAM 738-750, The Army Maintenance Management System (TAMMS). A DA Form 2407 or 5504 shall be completed and submitted within 3 days of accomplishment of the modification. Specific instructions for use of DA Form 2407 or 5504 to report a modification are contained in paragraph 3-7 and figure 3-18 of DA PAM 738-750.

After completion, copies of DA Form 2407 or 5504 will be distributed as follows:

(1) Copy 1: Retained by using unit.

(2) Copy 2: Director, U.S. Army Armament and Chemical Acquisition and Logistics Activity, ATTN: AMSTA-AC-ASIM (Mr. Terry Herum), Rock Island, IL 61299-7630

(3) Copy 3: Director, U.S. Army Armament and Chemical Acquisition and Logistics Activity, ATTN: AMSTA-AC-NMR (Ms. Jeannette Morphew), Rock Island, IL 61299-7630

b. Marking Equipment. Not Applicable.

c. Identification Data.

	<u>Before Modification</u>	<u>After Modification</u>
Nomenclature	Mount, Tripod, Machine Gun, 7.62MM, M122	Mount, Tripod, Machine Gun, 7.62MM, M122A1
Model Number	M122	M122A1
CAGEC/Part Number	(19205) 7790723	(19200) 12976949
NSN	1005-00-710-5599	1005-01-433-1617

15. MATERIEL CHANGE (MC) NUMBER. This MWO is authorized by MC number 1-97-05-7926.

16. **MODIFICATION IDENTIFICATION.** The M122A1 MG Tripod consists of a Flexible MG Mount with the following parts from the M122 MG Tripod Mount: traversing and elevating mechanism, PN 7791119; leg assembly, PN 12976948; grooved headless pin, PN 7792993; and the two retaining rings, PN MS16624-1043. See Figure 3 below for illustration of tripod after completion of this MWO.

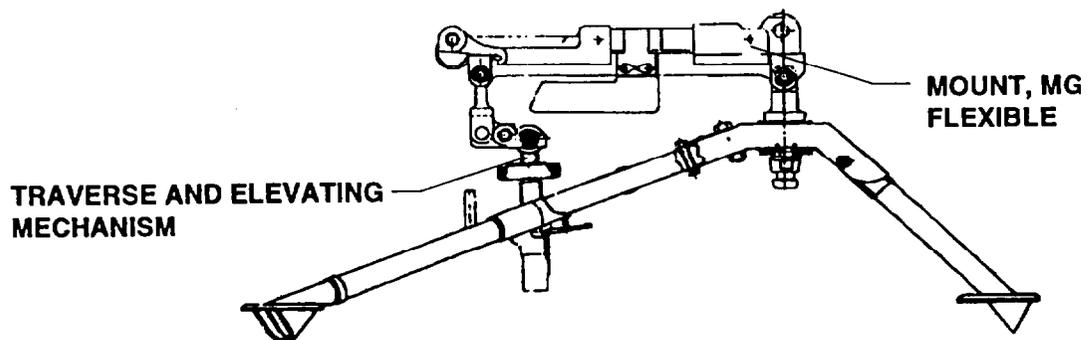


Figure 3

By Order of the Secretary of the Army:

DENNIS J. REIMER
General, United States Army
Chief of Staff

Official:



JOEL B. HUDSON

Administrative Assistant to the
Secretary of the Army

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