

ROUTINE

MWO effective date is 1 June 2000 and completion date is 30 May 2005.

MWO 9-1005-313-20-1

MODIFICATION WORK ORDER

MODIFICATION OF MACHINE GUN, 7.62MM, M240B (NSN 1005-01-412-3129)

Headquarters, Department of the Army, Washington, DC

1 June 2000

REPORTING OF 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 TACOM-TECH-PUBS@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 remove and replace the buffer assembly with a new hydropneumatic buffer assembly.
2. **PRIORITY.** This modification is classified ROUTINE.
3. **END ITEMS OR SYSTEM TO BE MODIFIED.** See Table 1.

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

Nomenclature	NSN	Part No.	CAGEC	LIN
M240B Machine Gun	1005-01-412-3129	12976814	19200	M92841

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 for a single application of this MWO is 0.25 hours.
 - a. Time Compliance Schedule: MWO effective date is 1 June 2000 and completion date is 30 May 2005.
 - 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 9-1005-313-23&P	June 1997
DMWR 9-1005-313	July 1989

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

- a. Kit(s)/Parts needed to apply this MWO. See table 3.

Table 3. Kit(s)/Part(s) needed to apply this MWO

Nomenclature	NSN	Part No.	Qty	CAGEC	Security Classification
MWO modification kit, consisting of:					
Buffer Assembly	1005-01-472-8350	12988984	1	19200	U
Screw, Securing Buttstock	5305-01-461-0327	12988985	1	19200	U
MWO 9-1005-313-20-1	NA	NA	1	NA	U

- b. Bulk and Expendable Material. Not applicable
- c. Parts Disposition. See table 4 below for a list of parts removed during application of this MWO. The buffer assembly listed in table 4 shall 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. The buttstock securing screw listed in table 4 should be turned in through the normal channels for proper disposal.

Table 4. Parts Disposition

Nomenclature	NSN	Part No.	Qty	CAGEC
Buffer Assembly	1005-01-425-0451	12976857	1	19200
Buttstock Securing Screw	5305-01-408-4892	12976862	1	19200

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 and Figure 2:

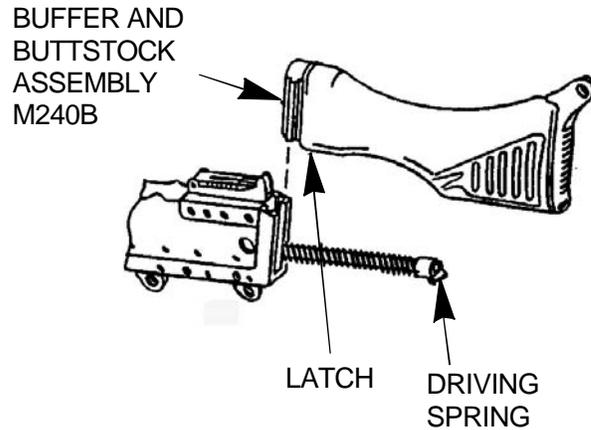


Figure 1

- 1) Clear the machine gun in accordance with TM 9-1005-313-10.
- 2) Remove the buffer and buttstock assembly by depressing the back plate latch and lifting the assembly straight up.

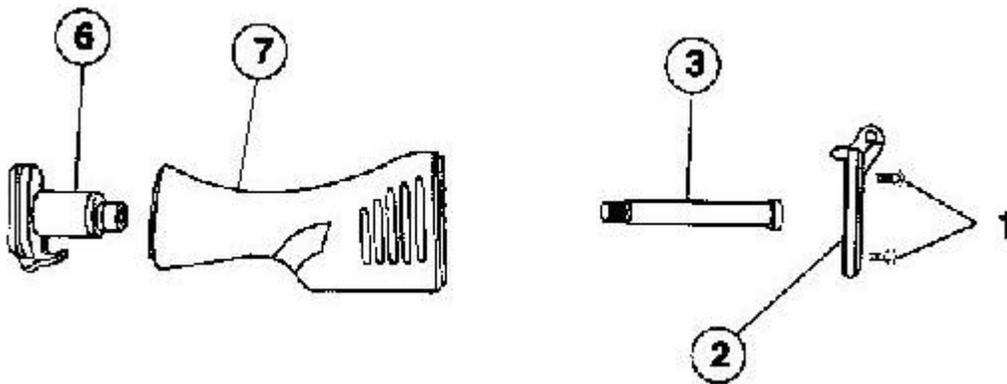


Figure 2

- 3) Remove two buttplate screws (1) from buttplate (2).
- 4) Remove the buttstock securing screw (3) from the buttstock (7).
- 5) Remove buffer housing and plug assembly (6) from the buttstock assembly (7).

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- 6) Follow the disposition instructions provided in paragraph 8 for Buffer Assembly (6), PN 12976857; and Buttstock Securing Screw, PN 12976862.
- b. REASSEMBLY: Add the following parts in accordance with subsequent instructions and Figure 3:

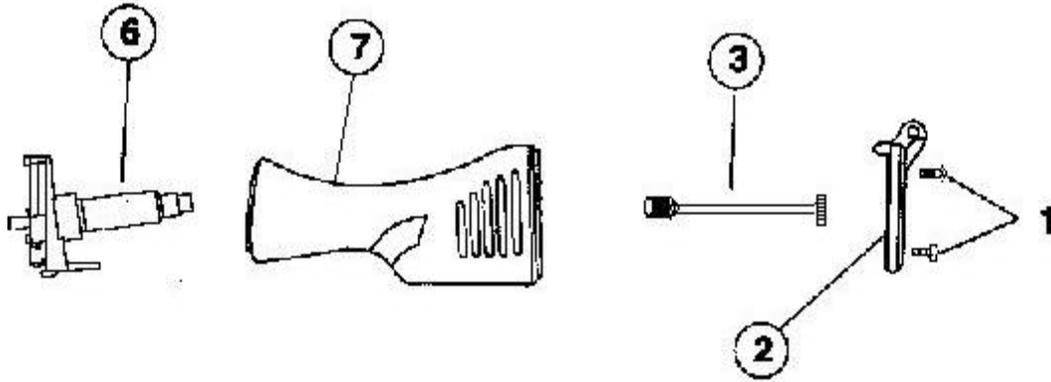


Figure 3

- 1) Install the new hydraulic buffer assembly (6) into the front end of the buttstock (7); secure firmly with the new buttstock securing screw (3).
 - 2) Attach the buttplate (2) using the two buttplate screws (1).
 - 3) Install buffer and buttstock assembly on the receiver.
- 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 organization responsible for MWO application will report application information by either the PREFERRED or ALTERNATE method as follows:

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

PREFERRED METHOD

Reporting will be accomplished by electronic means. MWO application information can be input directly into the Modification Management Information System (MMIS) over the Internet. New users can register on line at <http://208.242.67.250/mwo/>. Passwords are normally approved and issued within 48 hours. Once entry is gained into MMIS, the “MWO Reporting” module provides an on line method of reporting an MWO application.

Submission will be comprised of the nine (9) data elements listed in Table 5. Elements 1, 2, 4, 6, and 9 are provided for this MWO. The person reporting the MWO data will acquire the remaining elements (3, 5, 7, and 8) and input all nine elements into the MMIS.

Table 5. Data Elements

	DATA ELEMENT	INPUT DATA
1)	Materiel Change Number (MCN)	1-00-05-0016
2)	MWO Number	9-1005-313-20-1
3	Unit Identification Code (UIC) @ Battalion Level	
4)	NSN of the End Item	1005-01-412-3129
5)	Serial Number	
6)	Registration Number	N/A
7)	Date of Application	
8)	Hours Required for Application	
9)	Software Version	N/A

ALTERNATIVE METHOD

If Internet capability is not available, the data elements listed in Table 5 shall be emailed to either of the following addresses: DochtermanC@ria.army.mil or johnsonk4@ria.army.mil.

If email capability is not available, the data elements in Table 5, or copy 2 of DA Form 2407/5504, should be mailed to:

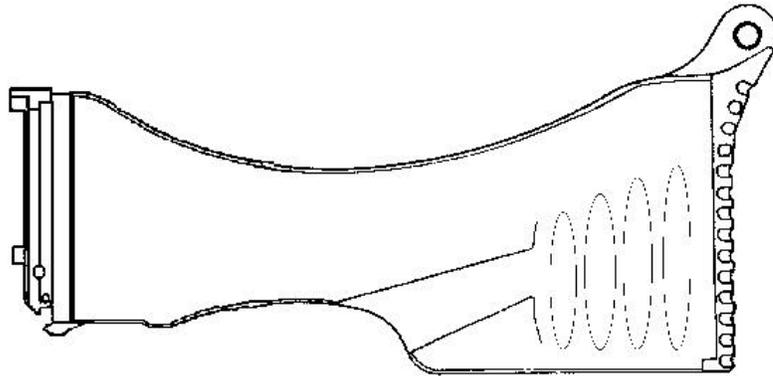
Commander
TACOM-RI
ATTN: AMSTA-LC-CIP-WM (Ms. Cindy Dochterman)
Rock Island, IL 61299-7630

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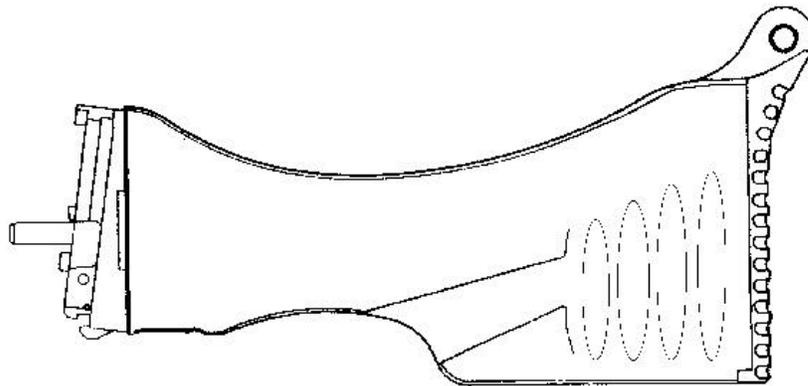
b. Marking Equipment. Not Applicable.

15. MATERIEL CHANGE (MC) NUMBER. 1-00-05-0016.

16. MODIFICATION IDENTIFICATION. See Figure 4 for illustrations of the buttstock and buffer assembly before and after completion of this MWO.



Old Buttstock and Buffer Assembly



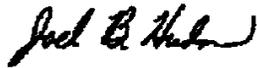
New Buttstock and Buffer Assembly

Figure 4

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
0006801

DISTRIBUTION: To be distributed in accordance with the initial distribution number 401171 requirements for MWO 9-1005-313-20-1.

