

# ROUTINE

MWO effective date is 1 January 1999 and completion date is 1 January 2003.

**MWO 9-1015-250-30-1**

## MODIFICATION WORK ORDER

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**MODIFICATION OF:  
MORTAR, 120MM: TOWED M120  
(NSN: 1015-01-226-1672) (EIC: 4SL)  
AND  
MORTAR, 120MM: CARRIER MOUNTED M121  
(NSN: 1015-01-292-3801) (EIC: 4SE)**

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

1 January 1999

### **REPORTING 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. Mail your letter or DA Form 2028 Recommended Changes to Publications and Blank Forms direct to Director, Armament and Chemical Acquisition and Logistics Activity, Attention: AMSTA-AC-FAT, Rock Island, IL 61299-7630. A reply will be provided to you.

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**MWO 9-1015-250-30-1**

**1. PURPOSE.** Replaces current knob (reference TM 9-1015-250-23&P, Figure C-7, item 18) which secures the loop clamp on the elevating mechanism. The new handle assembly is similar in style to the clamping handle on the buffer mechanism (reference TM 9-1015-250-23&P, Figure C-9, item 1). The new handle assembly allows the mortar crew to more easily attain the clamping force necessary to keep the loop clamp from slipping during operations.

**2. PRIORITY.** The modification is classified as ROUTINE.

**3. END ITEMS(S) OR SYSTEM(S) TO BE MODIFIED.**

<u>NOMENCLATURE</u>	<u>NSN</u>	<u>P/N</u>	<u>CAGEC</u>	<u>SERIAL NO.</u>
Mortar, 120MM: Towed M120	1015-01-226-1672	12576880	19206	All
Mortar, 120MM: Carrier-Mounted, M121	1015-01-292-3801	12900890	19206	All

**4. MODULE(S) COMPONENTS, ASSEMBLIES, BOARDS AND CARDS TO BE MODIFIED.** The following items, whether installed or in PLL/ASL or depot stock, shall be modified.

<u>NOMENCLATURE</u>	<u>NSN</u>	<u>CAGEC</u>	<u>P/N</u>
Elevating Mechanism, M120	1015-01-285-0139	19206	12577061
Elevating Mechanism, M121	1015-01-295-2444	19206	12900901

**5. PARTS TO BE MODIFIED.** Not Applicable.

**6. APPLICATION:**

a. Time Compliance: The effective date of this MWO is 1 January 1999 and its completion date is 1 January 2003.

b. Level of Maintenance: Direct Support (DS) maintenance is the lowest level of maintenance authorized to perform this modification.

c. Work Force and Man-hour Requirements:

<u>WORK FORCE/SKILLS</u>	<u>MAN-HOURS</u>	<u>MAN-HOURS W/O DISASSEMBLY</u>
1 Small Arms Repairman (MOS 45B)	0.3 hours	0.3 hours

d. MWOs To Be Applied Prior or Concurrent with This MWO: None.

e. Additional Information: Not applicable.

**7. TECHNICAL PUBLICATIONS AFFECTED/CHANGED AS A RESULT OF THIS MWO:**

<u>PUBLICATION</u>	<u>DATE</u>
TM 9-1015-250-10	Aug 1996
TM 9-1015-250-23&P	Aug 1996
DMWR 9-1015-250	Aug 1997, w/Chg 1

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

a. Kit Needed to Apply the MWO:

<u>NOMENCLATURE</u>	<u>NSN</u>	<u>CAGEC</u>	<u>P/N</u>
MWO Kit, T-Handle Assembly for Loop Clamp	1015-01-M98-0380	19200	5911369

b. Contents of MWO Kit:

<u>ITEM</u>	<u>NOMENCLATURE</u>	<u>NSN</u>	<u>CAGEC</u>	<u>P/N</u>	<u>QTY</u>
1	Handle Assembly	To be assigned	19206	12901169	1

c. Bulk and Expendable Material. Not applicable.

d. Parts Disposition.

(1) Parts/components removed/replaced as the result of this MWO shall be disposed of in accordance with local procedures.

(2) If MWO kits in excess of requirements remain after completion of application, contact ACALA for disposition instructions. POC is Jim Hayes, DSN: 793-3229, commercial (309) 792-3229 or e-mail: hayesj@ria.army.mil.

e. Mandatory Replacement Parts. Not applicable.

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

**10. MODIFICATION PROCEDURES.**

- a. Locate loop clamp and knob on lower portion of elevating mechanism.
- b. Using punch, drive out spring pin and remove knob. Retain spring pin for re-use. Set aside knob for disposition per paragraph 8.d.
- c. Install new handle assembly and secure with old spring pin.

**11. CALIBRATION REQUIREMENTS.** Not applicable.

**12. WEIGHT AND BALANCE DATA.** Weight and balance are not significantly affected.

**13. QUALITY ASSURANCE REQUIREMENTS.** Inspect in accordance with general quality assurance requirements contained in TM 750-245-4.

**14. RECORDING AND REPORTING OF THE MODIFICATION:**

a. Records and Reports.

(1) DA Form 2407s shall be prepared in accordance with instructions contained in DA PAM 738-750 for requesting and reporting an MWO.

(2) A copy, normally copy 2, of the DA Form 2407s shall be returned to the following address. (NOTE: The local installation or state MWO coordinator may elect to collect the DA Form 2407s from all performing activities, and then make one submission.)

TACOM-ACALA  
Ms. Kathleen Johnson  
ATTN: AMSTA-AC-NMR  
Rock Island, IL 61299-7630

b. Marking of Equipment. Not required.

c. Identification Data. Not applicable.

**15. MATERIAL CHANGE NUMBER (MCN).** This MWO is authorized by PAN L8J1000.

**16. MODIFICATION IDENTIFICATION.** End items which have been modified can be identified by inspecting the handle assembly located on the loop clamp on the lower portion of the elevating mechanism. Prior to modification, there is a knob of a four-point "star" style. The new handle assembly is similar in style to the clamp handle located on the buffer mechanism.

**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*  
05630

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