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NORMAL

MWO 9-1005-249-20/1

DEPARTMENT OF THE ARMY MODIFICATION WORK ORDER

RIFLES, 5.56-MM, M16 AND M16A1: REMOVAL OF ACTION SPRING GUIDE ASSEMBLY AND INSTALLATION OF BUFFER ASSEMBLY Ref: TM 9-1005-249-14

Headquarters, Department of the Army, Washington, D. C.
18 October 1967

1. **Application.** a. *Category of Maintenance.* Organizational.
- b. *Applied By.* Small Arms Armorer — MOS 76K30.
- c. *Time Required.* 0.02 man-hours.
- d. *Remarks.* None.

d. *Weight and Cubage of Parts and Materials.* Not pertinent.

3. **Purpose of Modification.** To stabilize the cyclic rate of fire and to increase weapon operational effectiveness and improve reliability. The buffer also provides longer life and prevents entry of foreign matter within the buffer assembly.

2. Supply of Parts Required.

Note. Until May 1968, the Army will provide the necessary modification part on a free-issue basis when the MWO is cited as a requisitioning authority (from Ownership Account). Requisitions received subsequent to the above-prescribed date will be supplied as free-issue items only if parts initially procured with PEMA funds are available in stock. Otherwise, the requisitions will be cancelled.

a. New Parts and Materials Required.

| Federal Stock No. | Description | Part No. | Qty |
|-------------------|------------------------------------|----------|-----|
| 1005-937-3078 | BUFFER ASSEMBLY: lower receiver | 62339 | 1 |

b. *Source of Supply.* To be requisitioned through normal supply channels.

c. *Date Available.* Now.

4. **Priority Classification.** This modification work order is classified in the NORMAL group and will be applied to all issued equipment in active Army using units, maintenance float, and station stock as is consistent with the needs of the service but in all cases within six months of publication date, and to all other Army-owned equipment (except unserviceable, economically repairable items) within 12 months of publication date.

5. Major Item Affected.

| Federal Item Name | Federal Stock No. | TM No. |
|-------------------------------|-------------------|---------------|
| RIFLE, 5.56-MM: M16 (USAF) | 1005-856-6885 | 9-1005-249-14 |
| RIFLE, 5.56-MM: M16A1 | 1005-073-9421 | 9-1005-249-14 |

6. **Assembly or Component Affected.** None.

7. **Parts Affected.** a. *Parts To Be Modified.*
None.

b. *Parts Discarded.*

| Federal Item Name | Part No. | Federal Stock No. | Qty |
|-----------------------------------|----------|-------------------|-----|
| GUIDE ASSEMBLY, ACTION SPRING: | 62119 | 1005-992-6658 | 1 |

c. *Disposal of Discarded Parts.* Dispose of as scrap.

8. **Drawings Required to Apply Modification.**
None.

9. **Special Tools, Jigs, and Fixtures Required.**
None.

10. **Modification Procedure.** Refer to TM 9-1005-249-14, for removal of action spring guide assembly and installation of buffer assembly.

11. **Recording the Modification.** Record and report accomplishment of the modification in accordance with procedures prescribed by TM 38-750.

12. **Reporting of Equipment Publication Improvements.** Reporting of errors, omissions, and recommendations for improving this equipment publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to DA Publications) and forwarded direct to: Commanding General, Headquarters, U.S. Army Weapons Command. ATTN: AMSWE-SMM-P, Rock Island Arsenal, Rock Island, Ill. 61201.

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By Order of the Secretary of the Army:

Official:

KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General.

HAROLD K. JOHNSON,
General, United States Army,
Chief of Staff.

Distribution:

To be distributed in accordance with DA Form 12-40 requirements for Organizational maintenance, 5.56-MM Rifles, M16 and M16E1.