ROUTINE

MWO effective date is 1 October 1984 and completion date is 3 December 1994.

MWO 9-2350-222-30-4

MODIFICATION WORK ORDER

MODIFICATION OF
VEHICLE, COMBAT, ENGINEER, FULL–TRACKED: M728 W/E
(2350-00-795-1797) (EIC: ABF)

TO PROVIDE FIELD MODIFICATION INSTRUCTIONS FOR REPLACEMENT OF M73/M73A1/M219, 7.62-MM MACHINE GUN WITH M240, 7.62MM MACHINE GUN

Headquarters, Department of the Army, Washington. D.C.

8 APRIL 1993

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FIELD MODIFICATION INSTRUCTIONS

VEHICLE, COMBAT, ENGINEER, FULL-TRACKED:

M728 W/E

(2350-00-795-1797)

TO PROVIDE INSTRUCTIONS FOR

REPLACEMENT OF M73/M73A1/M219, 7.62-MM MACHINE GUN WITH

M240, 7.62-MM MACHINE GUN

REPORTING OF ERRORS

You can improve this modification by recommending improvements using DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2 located in the back of this modification and mail the form direct to Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-MAS, Rock Island, IL 61299-6000. A reply will be furnished direct to you.

1. Purpose of Modification. This modification is to upgrade vehicle secondary armament and significantly improve combat effectiveness of the vehicle by replacing the coaxial mounted M73/M73A1/M219, 7.62-mm Machine Gun with the coaxial mounted M240, 7.62-mm Machine Gun.

2. Priority Classification.

a. Classification. This modification is in the ROUTINE classification. ‘

b. Equipment in Use (IncludingEquipment in Supply or Maintenance Activities Below Depot Level and Equipment in Administrative Storage). Equipment in use (end item) will be modified in accordance with the schedule developed by the commander and the memorandum of understanding (MOU) between H.Q., AMCCOM and the gaining command.

c. Equipment in Depot Supply or Maintenance. Serviceable equipment in depot supply or maintenance will be modified prior to issue but not later than 31 December 1994. The modification will be applied to unserviceable equipment at time of normal maintenance, or scheduled depot maintenance.

d. Prepositioned Stock. Equipment which is prepositioned will be modified during cyclic maintenance consistent with TM 38-450.

3. End Item or Systems to be Modified (table 1).

Table 1. End Item or Systems to Be Modified

Nomenclature	NSN	Part No.	Model No.	Serial No. Range
Vehicle, Combat Engineer, Full Tracked	2350-00-795-1797	8736334	M728	All

4. Modules (Components, Assemblies, Subassemblies, Boards and Cards) to be Modified. Following items listed in table 2, whether installed or in stock, will be modified.

Table 2. Items to be Modified

Nomenclature	NSN	Part No.	Qty.	Paragraph No.
Shield, Protector, Personnel	1015-00-974-3822	10905893	1	10d
Chute, Ammunition	1005-00-116-3363	10870759	1	10e
Cover, Ammunition Box	1015-00-445-9154	10905290	1	10e
	or			
	1015-01-020-2002	11673750	1	
Turret		10940100	1	10f and 10g

5. Part(s) to be Modified. Nonapplicable.

6. Application.

a. Time Compliance Date. These field modification instructions are effective 1 October 1984 and completion date is 31 December 1994.

b. Level of Maintenance. Direct support maintenance.

c. Applied By. Tank turret repairman (MOS 45K) and metal welder (MOS 44B), assisted by tank crew members

d. Time Required.

(1) Time for completion of modification to one end item.

(a) Total Of 7.0 man-hours using two men.

(b) Total of 4.0 hours downtime for one end item.

(2) Time for completion of one assembly or component (table 3).

Table 3. Time for Completion

Nomenclature	Part No.	Man-Hours
Shield, Protector, Personnel:	10905893	1.3
Chute, Ammunition:	10870759	0.2
Cover, Ammunition Box:	10905290 or 11673750	1.2
Turret	10940100	2.0

(3) Time for completion of one part. Not applicable.

e. Other Modifications To Be Applied Prior To Or Concurrently With This Modification. None.

7. Technical Publications Affected/Changed as a Result of these Field Modification Instructions.

TM 9-1000-202-10
TM 9-1005-231-10
TM 9-1005-231-25
TM 9-1005-233-10
TM 9-1005-233-24
TM 9-2300-378-20P/2-1
TM 9-2300-378-20P/2-2
TM 9-2300-378-35P/2-1
TM 9-2300-378-35P/2-2
TM 9-2350-222-10
TM 9-2350-222-20
TM 9-2350-222-34P/2

LO 9-2350-222-12

8. Supply Kits/Parts and Disposition.

a. Kits/Parts Required To Accomplish This Field Modification.

(1) General. The M240 machine gun 11825980, barrel assembly 11825985, spare barrel case 11826275 and the ruptured cartridge case extractor 11826264 (fig. 1) are all basic issue items and are not included as components of M728 modification kit. Hardware required to perform the M728 modification is furnished in the following three packages. Contents of all packages shall be checked to assure completeness in accordance with table 4.

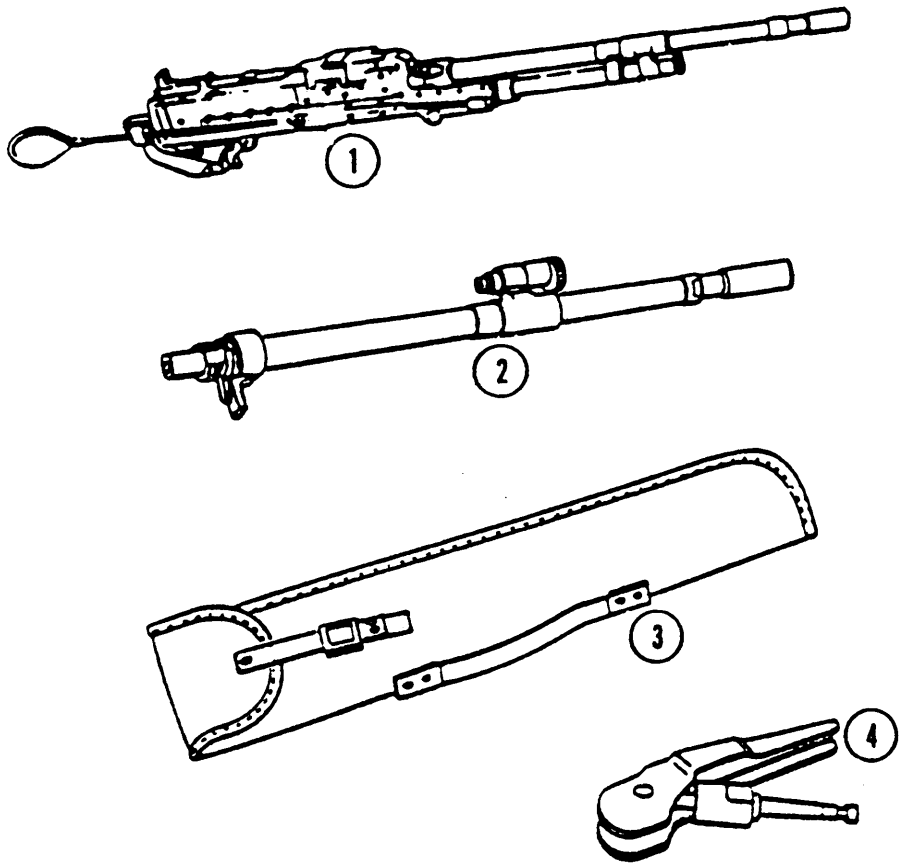
NOTE

Due to a variance in manufacturer packaging procedures, items (a) and (b) below may be received in the same package,

(a) Coaxial mount assembly (fig 2)

(b) Spent brass bag support hardware kit (fig. 3)

(c) Hardware and accessories kit (fig. 4)



Legend for fig. 1:

7.62-mm machine gun M240
Barrel assembly - 11825980
3. Spare barrel case - 11826275
4. Ruptured cartridge case extractor - 11826264

Figure 1. 7.82-mm machine gun M240 and basic issue items