TM 9-1005- 316-12&P SUPERSEDES COPY DATED 27 JANUARY 1984

OPERATOR'S AND ORGANIZATIONAL MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

BLANK FIRING ATTACHMENT

(BFA) M21

NSN 1005-01-148-7437 for 7.62MM M240 MACHINE GUN and 7.62MM M240C MACHINE GUN

MARCH 1986

WARNING

Make sure Discriminator is properly installed when using Blank Firing Attachment to prevent live ammunition from entering the chamber.

The following conditions and limitations must be met to minimize exposure to toxic fumes:

A mission is limited 200 rounds fired at a low rate of 100 shots per minute or less 25-round burst with gas regulator on the machine gun set at position number 1.

Personnel on M60A1/M60A3 and M48A5 tanks CANNOT be exposed to more than three missions per day when the Vent Blower is off.

Do not use live ammunition.

Hearing protection is required.

Firing shall be done between 0°F and 120°F.

WARNING

When firing in training exercises, troops must be no closer than 15 meters down range from the muzzle end of the machine gun.

Dry cleaning solvents are flammable. Do not clean parts near an open flame or in a smoke area. Dry cleaning solvents evaporate quickly and have drying effect on the skin. When used without proactive gloves, these chemicals may cause irritation to or cracking of the skin.

For artificial respiration and first aid, see FM 21-11.

TECHNICAL MANUAL

No. 9-1005-316-12&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 7 March 1986

Operator's and Organizational Maintenance Manual (Including Repair Parts and Special Tools List)

BLANK FIRING ATTACHMENT (BFA) M21
NSN 1005-01-148-7437
for
7.62MM M240 MACHINE GUN
and
7.62MM M240C MACHINE GUN
Current as of

^{*}This manual supersedes TM 9-1005-316-12&P, 27 January 1984, including all changes.

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-MAS, Rock Island, IL 61299-6000. A reply will be furnished to you.

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CHAPTER 1 INTRODUCTION

1-1. SCOPE.

a. The Blank Firing Attachment (BFA) M21 is installed on the M240 Machine Gun to enable blank ammunition to be fired and to provide back pressure to sustain continuous firing.

NOTE

The BFA is used on both the M240 and M240C Machine Guns; however, only the M240 Machine Gun is referred to throughout the manual.

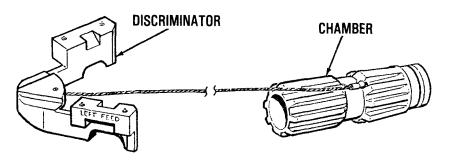
- b. The BFA is used for training purposes where the use of live ammunition is not possible, and on various armor vehicles that are armed with the M240 Machine Gun. It is also used in conjunction with the Multiple Integrated Laser Engagement System (MILES).
- **1-2. MAINTENANCE FORMS AND RECORDS.** Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Managemant System (TAMMS).

- 1-3. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRs). If your Blank Firing Attachment needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipmant. Let us know why you don't like the design or performance. Put it on an SF 368 (Quality Deficiency Report). Mail it to us at Commander, US Army Armament, Munitions and Chemical Command, ATTN: AMSMC-QAD, Rock Island, IL 61299-6000. We'll send you a reply.
- **1-4. NOMENCLATURE CROSS REFERENCE LIST.** This listing includes the nomenclature cross reference list used in this manual.

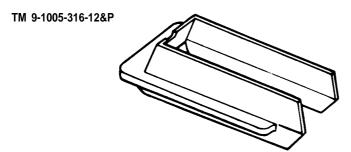
Common Name	Official Nomenclature		
Lock Lever	Shouldered Shaft		
Bolt	Setscrew		

CHAPTER 2 **OPERATING INSTRUCTIONS**

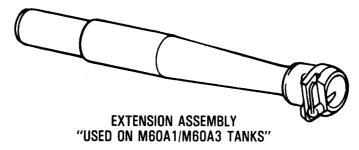
Section I. DESCRIPTION AND USE OF OPERATOR'S CONTROLS AND INDICATORS

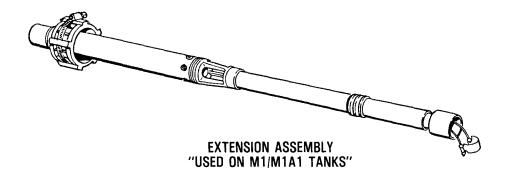


2-1. CHAMBER AND DISCRIMINATOR ASSEMBLY. This assembly restricts the propellant gases of the M82 blank cartridges to provide pressure for operation of machine gun and prevents loading of live ammunition during normal loading and firing procedure. 2-1



2-2. AMMUNITION CHUTE. The chute is used to guide spent cartridges into spent cartridge bag. The chute must be placed in the gun mount before machine gun is installed on mount.





2-3. EXTENSION ASSEMBLY. These assemblies allow use of the BFA in tanks with deep mantlets without the danger of toxic fumes forced out of the muzzle seeping back into the turret.



2-4. SUPPORT ASSEMBLY. This assembly is used to support the extension assembly on the outside of turret. The extension/support is used with the M21 BFA when the M240 machine gun is mounted coaxially in the M60A1 or M60A3 tank.

Section II. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

2 - 5. GENERAL.

(PMCS)

- a. Your Preventive Maintenance Checks and Services (PMCS) Table lists the inspection and care of your equipment required to keep it in good operating condition.
 - b. The interval column of your PMCS Table tells you when to do a certain check or service.

- c. The procedure column of your PMCS Table tells you how to do the required checks and services. Carefully follow these instructions.
- d. Report any malfunctions or failures on the proper DA Form 2404, or refer to DA PAM 738-750.
- **2-6. ITEM NUMBER COLUMN.** This column shall be used as a source of item numbers for the TM Item Number column of DA Form 2404, Equipment Inspection and Maintenance Worksheet, in recording results of PMCS.

2-7. INTERVAL COLUMNS.

- a. BEFORE (B). Checks and services performed prior to the equipment leaving its containment area or performing its intended mission.
 - b. DURING (D). Checks begin when the equipment is being used in its intended mission.
- c. AFTER (A). Checks and services begin when the equipment is taken out of its mission mode or returned to its containment area.

2-5

- **2-8. ITEM TO BE INSPECTED AND PROCEDURE COLUMN.** This column contains a brief description of the procedure and all the information required to accomplish the checks and services.
- 2-9. EQUIPMENT IS NOT READY/AVAILABLE IF COLUMN. Entries in this column will be keyed specifically to checks listed in the Procedure column for the purpose of identifying, for the check, the criteria that will cause the equipment to be classified as not ready/available because of inability to perform primary combat mission. The terms ready/available and mission capable refer to the same status Equipment is on hand and is able to perform its combat mission (see DA PAM 738-750). An entry in this column will:
- a. Identify conditions that make the equipment not ready/available for readiness reporting purposes.
 - b. Deny use of the equipment until corrective maintenance has been performed.

Table 2-1. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

В:	= Be	for	e 0	peration D = During Op	eration	A = Aftor Operation
Item no.	Int	terv D	al A	ITEM TO BE INSPECTED Procedure	Equipment is N READY/AVAILAE	
1	•			Check 0 ring in the support as all other parts.	sembly, lock on the e	xtension assembly end
				Cracks, breaks, or oth Replace these compon	_	O RING

Table 2-1. PREVENTIVE MAINTENANCE CHECKS AND SERVICES (cont)

В	= Be	efoi	re C	Operation D = During C	peration	A = After Operation
Item no.	In:	terv D		ITEM TO BE INSPECTED Procedure	OT BLE IF:	
2		•		Make sure BFA has not loose BFA is loose on gun		_
3	•			Check opening of orifice hole. Opening is obstructed		
2-8						OPENING - ORIFICE

Section III. OPERATING INSTRUCTIONS

2-10. The following restrictions must be followed to avoid hazardous concentrations of gases caused while firing the M21 BFA/M240 machine gun. The weapon is mounted in a coaxial position on various vehicles in stated operating modes with firing schedule of 200 rounds fired in 25-round burst every 30 seconds.

WARNING

A mission is limited 200 rounds fired at a rate of 100 shots per minute or less in 25-round burst with gas regulator on the machine gun set at position number 1.

Personnel on M60A1/M60A3 and M48A5 tanks CANNOT be exposed to more than three missions per day when the vent blower is off.

WARNING

Operating Mode Firing Restrictions

Vehicle Tank System	Engine On Heater Off Hatches Open Blower On	Engine Off Heater Off Hatches Open Blower On	Engine On Heater On Hatches Closed Blower On	Engine On Heater On Hatch Closed Blower On	
M551 (OPFOR) M551A1 Vehicle	None	None	Do Not Fire	2 hours, 20 min- utes between 200-round cycles	
M2/M3 BFVS	None	7 times/ 24 hours	14 times/ 24 hours	14 times/ 24 hours	
M1/M1A1 Tank	None	34 times/ 24 hours	Do Not Fire	48 times/ 24 hours	

Refer to TM 9-1005-313-10 (M240/M240C Operator's Manual) for operation of the machine gun.

WARNING

Do not use live ammunition.

Hearing protection is required.

Firing shall be done between 0°F and 120°F.

When firing in training exercises, troops must be no closer then 15 meters down range from the muzzle and of the machine gun.

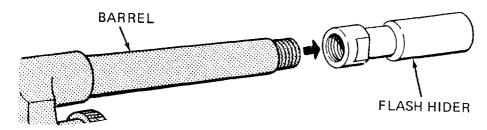
2-11. INSTALLING BFA ON M240 MACHINE GUN. Effective use of the M21 BFA/M240 machine gun system is greatly dependent on strict adherence to the installation and maintenance procedures outlined in this instructions.

CAUTION

Take care not to damage threads on end of barrel.

Barrel must be completely cooled before removing Flash Hider or attaching BFA.

1. Using 23mm box open end combination wrench remove flash hider from end of barrel. Store flash hider in ordnance weapons spare parts bag and place in oddment tray in vehicles. Be sure to tag flash hider, so it will remain with the barrel.



NOTE

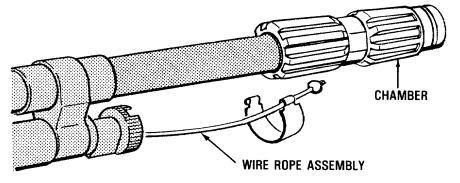
If flash hider cannot be removed, contact direct support maintenance personnel.

2. Remove wire rope assembly from chamber.

TM 9-1005-316-12&P

3. Screw chamber onto end of berrel and tighten using 23mm box open end combination wrench.

4. Replace wire rope assembly on chamber.

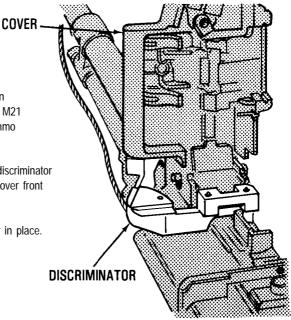


WARNING

Discriminator must be in place in feed tray of machine gun when M21 BFA is in use to prevent live ammo from entering barrel chamber.

5. Open cover on receiver and place discriminator in feed tray with slot in discriminator over front lip of feed tray.

6. Closed cover will lock discriminator in place.

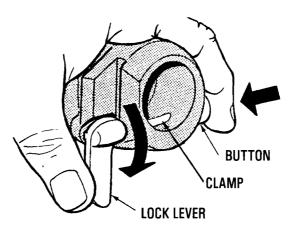


2-12. INSTALLING BFA EXTENSION ON M60A1/M60A3.

NOTE

BFA extension is not used on M551 vehicle, M48A5 tanks and M2/M3 BFVS.

1. Depress button on side of clamp and swing lock lever to down position.



2. Slide extension over end of chamber until bottomed. Lock in place by turning lock lever to up position.

NOTE

Lock lever should be to left of weapon, as shown, at assembly.

Refer to the applicable operator's manual for the tank being used. CHAMBER **EXTENSION** LOCK LEVER

3. Place chute over ejection port in mount with open end facing rear of mount and notch facing forward.

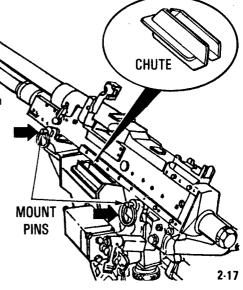
MANTLET TUBE (Coax Gun Port)

4. Slide machine gun into place at mount location with extension protruding through coax gun port mantlet tube. Keep rear of machine gun elevated to clear obstacles in mount.

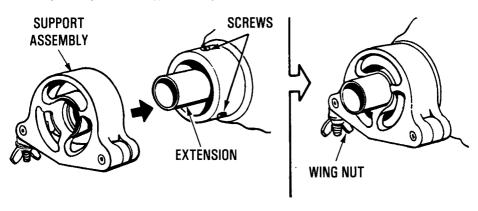
CAUTION

If interference is encountered when inserting mount pins, it may be necessary to adjust elevating mechanism so that gun barrel with BFA/extension is clear of mantlet tube wall.

5. Lower machine gun receiver down into mount and insert mount pins.

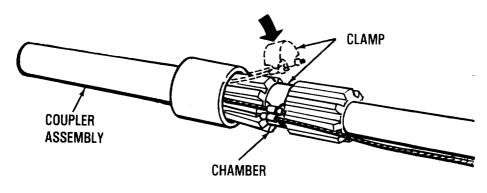


- 6. On outside of turret, slide support assembly over end of extension until it bottoms out on outside face of mantlet tube. If screws are found in the mantlet tube, remove screws. Turn if necessary to insure good seat.
- 7. Hand tighten wing nut to lock support assembly to mantlet tube.

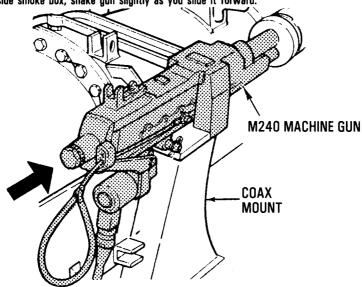


2-13. INSTALLING BFA EXTENSION ON M1/M1A1.

1. Place coupler assembly over chamber and clip coupler assembly clamp over chamber to hold coupler assembly in place.

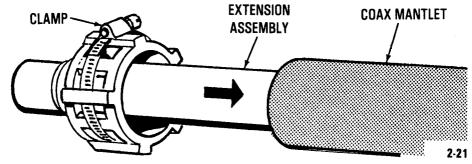


Install M240 machine gun into coax mount of M1/M1A1 tank. If BFA/coupler assembly gets caught inside smoke box, shake gun slightly as you slide it forward.



2.20

- 3. On outside of turret, loosen clamp on extension assembly with screwdriver so that inside diameter of extension assembly will be able to clear outside diameter of coax mantlet. Do not remove clamp from extension assembly.
- 4. Slide extension assembly into coax mantlet until extension assembly is over end of coax mantlet and bottomed. If resistance is encountered during installation, shake extension assembly slightly while sliding into coax mantlet. Fully seat extension assembly in place over coax mantlet.
- 5. With clamp positioned over slots in extension assembly, tighten clamp until strap is snug against coax mantlet.

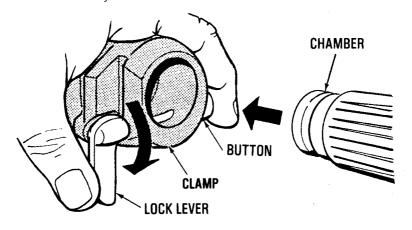


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2-14. REMOVING BFA EXTENSION FROM M60A1/M60A3.

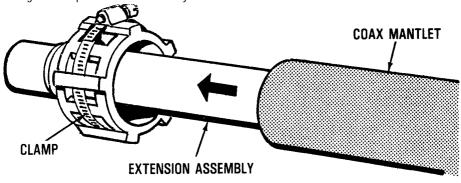
3. Remove chute from mount. 1. Loosen wing nut on support assembly and slide support MANTLET TUBE assembly off end of extension (Coax Gun Port) assembly. 2. Remove mount pins from machine gun mount and slide machine gun out of mantlet **MOUNT PINS** tube (coax gun port) and off of mount. SUPPORT ASSEMBLY **EXTENSION** CHUTE **ASSEMBLY** WING NUT

- 4. Depress button on side of clamp and swing lock lever to down position.
- 5. Slide extension assembly off end of chamber.

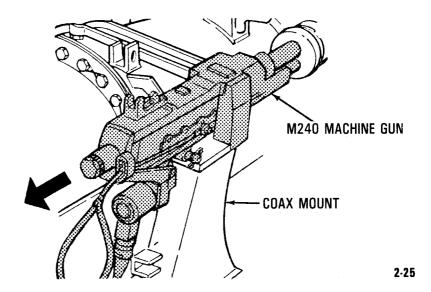


2-15. REMOVING BFA EXTENSION FROM M1/M1A1.

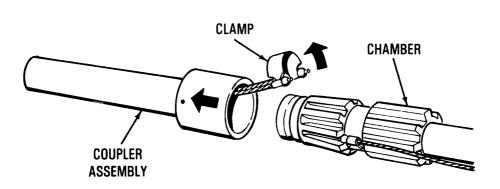
- 1. Loosen clamp.
- 2. Slide extansion assembly out of coax mantlet.
- 3. Tighten clamp on extension assembly with screwdriver.

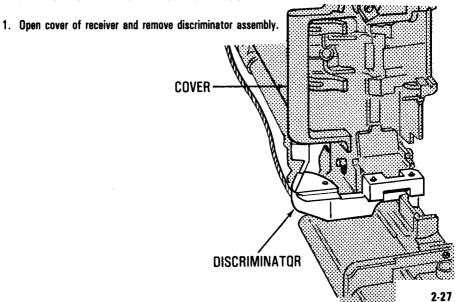


4. Remove M240 machine gun from coax mount of M1/M1A1 tank.



5. Unclip coupler assembly clamp from chamber and remove coupler assembly from chamber.



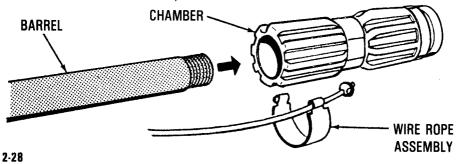


CAUTION

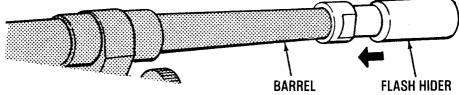
Do not remove chamber until barrel is completely cooled.

Take care not to damage threads on end of barrel.

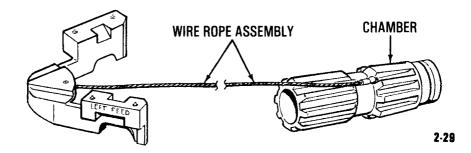
- 2. Remove wire rope assembly from chamber.
- 3. Loosen chamber with 23mm box open end combination wrench and unscrew from end of barrel.



4. Replace flash hider on end of barrel using 23mm box open end combination wrench.



5. Replace wire rope assembly on chamber.



EP CHAPTER 3 MAINTENANCE INSTRUCTIONS

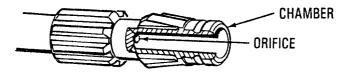
Section I. LUBRICATION INSTRUCTIONS

NOTE

These lubricating instructions are mandatory.

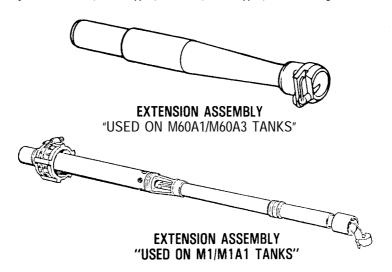
3-1. BLANK FIRING ATTACHMENT.

- a. After firing, clean the chamber and discriminator.
- b. After 2000 rounds have been fired, inspect orifice and, if necessary, clean with twist drill and pin vise (app E).



3-2. EXTENSION/SUPPORT.

a. Make sure extension is free of unburned propellant residue after use and before storing. If necessary, clean in CLP (item 1, app F) or RBC (item 2, app F) after removing from BFA.



b. Lube the exteriors of the extension and support assemblies before storage with CLP.

NOTE

Wipe off excess lubrication before firing.

3-3. MACHINE GUN. Refer to TM 9-1005-313-10 for lubrication instructions.

Section II. TROUBLESHOOTING PROCEDURES

3-4. There are no troubleshooting procedures in this TM. The BFA is an extremely simple device. When a component fails, you'll know which one it is without having to follow a troubleshooting logic tree.

Section III. MAINTENANCE PROCEDURES

NOTE

Repair of the BFA consists only of replacing damaged components. Repair will be done by issuing facilities only.

WARNING

Dry cleaning solvents are flammable. Do not clean parts near en open flame or in a smoking area. Dry cleaning solvents evaporate quickly and have a drying effect on the skin. When used without proactive gloves, these chemicals may cause irritation to or cracking of the skin.

Clean by removing dirt and corrosion or powder residue from parts with wiping rag (item 5, app F) dampened with CLP (item 1, app F). If necessery, for hard to remove residue, clean with dry cleaning solvent (item 6, app F) using gloves (item 4, app F). Clean chamber orifice using twist drill and pin vise (app E).

3-6. REPAIR BEA.

- 1. Visually inspect all parts for damage.
- 2. Remove burrs with crocus cloth (item 3, app F).
- 3. Raplace any damaged parts.

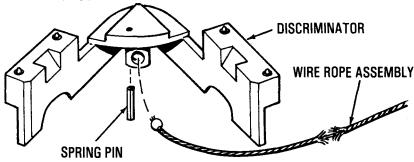
3-4

- 3-7. REPAIR DISCRIMINATOR ASSEMBLY.
- Visually inspect all parts for damage.

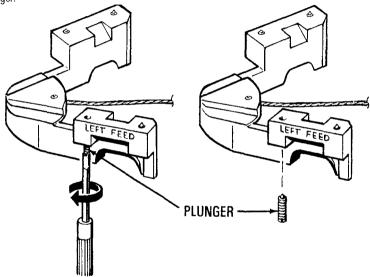
WARNING

Handle the wire rope assembly carefully when using the BFA. Broken or frayed strands of the assembly could cause injury.

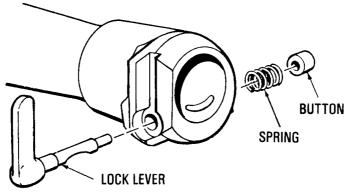
2. Replace wire rope assembly, if damaged, by removing spring pin. Replace with new wire rope assembly. Install new spring pin.



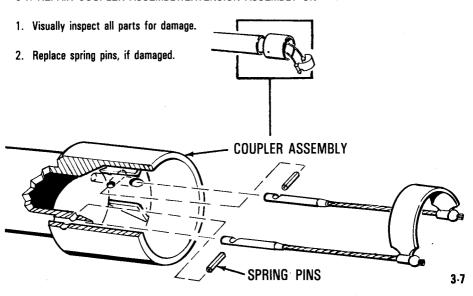
3. Replace plunger (4 ea), if damaged. Remove plurner using a screwdriver, and replace with a new plunger.



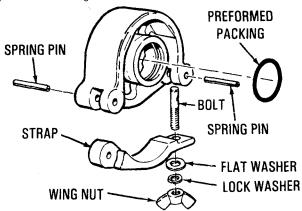
- 3-8. REPAIR EXTENSION ASSEMBLY ON M60A1/M60A3.
- 1. Visually inspect all parts for damage.
- 2. Remove button by drilling flared and of lock lever. Remove spring, if damaged. Replace lock lever, spring and button. To secure button, install by flared end of shaft.



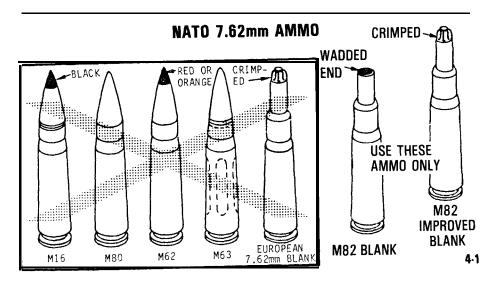
3-9. REPAIR COUPLER ASSEMBLY/EXTENSION ASSEMBLY ON M1/M1A1.



- 3-10. REPAIR SUPPORT ASSEMBLY.
- 1. Visually inspect all parts for damage.
- 2. Replete wing nut, lock washer, flat washer, spring pin (2 ea), bolt, strap and preformed packing, if damaged. After replacing flat washer, lock washer, and wing nut, deform the first four threads on bolt to prevent loss of wing nut.



CHAPTER 4 AMMUNITION



CARE, HANDLING, AND PRESERVATION OF AMMUNITION

WARNING

Do not use live rounds.

- 4-1. Ammunition containers should not be opened until the ammunition is to be used. Ammunition removed from the airtight containers, particularly in damp climates, is likely to corrode.
- 4-2. Protect ammunition from mud, dirt, and water. If the ammunition gets wet or dirty, wipe it off prior to use, Wipe off light corrosion as soon as it is discovered. Heavily corroded cartridges, or cartridges which have dented cases or loose projectiles, should not be fired.
- 4-3. Do not expose ammunition to the direct rays of the sun. If the powder is hot, excessive pressure may be developed when the gun is fired.
- 4-4. Do not oil or grease ammunition. If it is oiled, dust and other abrasives will collect on it and damage the operating parts of the gun.

DA Form 2404

APPENDIX A REFERENCES

A-1. SCOPE. This appendix lists all forms, regulations and technical manuals referenced in this manual.

A-2. FORMS.

Equipment Inspection and Maintenance Worksheet

Equipment inspection and infiniteliance worksheet
Quality Deficiency Report
Recommended Changes to Publications and Blank Forms $\dots \dots \dots$
A-3. TECHNICAL MANUALS.
Operator's, 7.62mm Machine Gun, M240/M240C

A-4. MISCELLANEOUS PUBLICATIONS.

Classification, Reclassification, Maintenance, Issuance and	
Reporting of Maintenance Training Aircraft	42
The Army Maintenance Managament Systam (TAMMS) DA PAM 738-79	50
Army Medical Department Expendable/Durable Items	00
Expendable/Durable Items (Except Medical, Class V,	
Repair Parts and Heraldic items)	70
First Aid for Soldiars	11

APPENDIX B MAINTENANCE ALLOCATION CHART

Section I. INTRODUCTION

- **B-1. GENERAL.** This section provides a general explanation of all maintenance functions authorized at the proper level.
- **B-2. MAINTENANCE FUNCTIONS.** Maintenance functions will be limited to and defined as follows:
- a. Inspect. To determine the service ability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examination (e.g., by sight, sound, or feel).
- b. Service. Operations required periodically to keep an item in proper operating condition; i.e., to clean (includes decontaminate, when required), to preserve, to drain, to paint, or to replenish fuel, lubricants, chemical fluids, or gases.

- c. Install may be the act of emplacing, seating, or fixing into position a spare, repair part, or module (component or assembly) in a manner to allow the proper functioning of an equipment or system.
- d. Replace. To remove an unserviceable item and install a serviceable counterpart in its place. "Replace" is authorized by the MAC and is shown as the 3d position of the SMR code.
- a. Repair. The application of maintenance services, or other maintenance actions to restore serviceability to an item by correcting specific damage, fault, malfunction, or failure in a part, subassembly, module (component or assembly), end item, or system.

B-3. EXPLANATION OF COLUMNS IN THE MAC, SECTION II.

- a. Column 1, Group Number. Column 1 lists functional group code numbers, the purpose of which is to identify maintenance significant components, assemblies, subassemblies, and modules with the next higher assembly.
- b. Column 2, Component/Assembly. Column 2 contains the names of components, assemblies, subassemblies, and modules for which maintenance is authorized.

- c. Column 3, Maintenance Function. Column 3 lists the functions to be performed on the item listed in column 2
- d. Column 4, Maintenance Category. Column 4 specifies, by the listing of a work time figure in the appropriate subcolumn(s), the category of maintenance authorized to perform the function listed in column 3. This figure represents the active time required to perform that maintenance function at the indicated category of maintenance. If the number or complexity of the tasks within the listed maintenance function vary at different maintenance categories, appropriate work time figures will be shown for each category. The work time figure represents the average time required to restore an item (assembly, subassembly, component, module, end item, or system) to a serviceable condition under typical field operating conditions, This time includes preparation time, troubleshooting time, and quality assurence/quality control time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the maintenance allocation chart. The symbol designations for the various maintenance categories are as follows

$\overline{}$																																	- 1	٦.	20	rat	۸r	_	r	Λ,	ra	٠.
•	٠	٠	٠			٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		٠	٠						٠	٠		٠			٠		٠,	ᄱ	υt	rat	UI	U		U	ıe	V
0.																										()r	a	ลเ	ni:	7a	ti	ΛI	าล	al	M	air	nte	n:	ıaı	nc	:6

- e. Column 5, Tools and Equipment. Column 5 specifies, by code, those common tool sets (not individual tools) and special tools, TMDE, end support equipment required to perform the designated function.
- f. Column 6, Remarks. This column shall, when applicable, contain a letter code, in alphabetic order, which shall be keyed to the remarks contained in section IV.

B-4. EXPLANATION OF COLUMNS IN TOOL AND TEST EQUIPMENT REQUIREMENTS, SECTION III.

- a. Column 1, Reference Code. The tool and test equipment reference code correlates with a code used in the MAC, section II, column 5.
- b. Column 2, Maintenance Category. The lowest category of maintenance authorized to use the tool or test equipment.

- c. Column 3, Nomenclature. Name or identification of the tool or test equipment.
- d. Column 4, National Stock Number. The National stock number of the tool or test equipment.
- e. Column 5, Tool Number. The manufacturer's part number.

B-5. EXPLANATION OF COLUMNS IN REMARKS, SECTION IV.

- a. Column 1, Reference Code. The code recorded in column 6, section II.
- b. Column 2, Remarks. This column lists information pertinent to the maintenance function being performed as indicated in the MAC, section II.

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Section II. MAINTENANCE ALLOCATION CHART for M21 BFA

		IVIZ	I DEM			
(1) GROUP	(2) COMPONENT/	(3) MAINTE- NANCE	MAI NA	4) NTE- NCE Gory	(5) TOOLS AND	(6)
NUMBER	ASSEMBLY	FUNCTION	C	0	EQUIPMENT	REMARKS
00	Blank Firing	inspect		.1	1	A
	Attachment,	Service	.1	.1		
	M21	instali		.1		ļ
	11833471	Replace		.1		
01	Chamber and	Inspect	.1	.1	1	
	Discriminator	Service	.1	.1		
	Assembly	Replace	}	1.1		
	11833460	Repair		.1	ļ	1
B-6				1	ļ	

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(1) GROUP	(2) COMPONENT/	(3) MAINTE- NANCE	MAI NA	4) NTE- NCE Gory	(5) Tools And	(6)
NUMBER	ASSEMBLY	FUNCTION	C	0	EQUIPMENT	REMARKS
0101	Discriminator	Inspect	.1	.1	1	
	Assembly	Service	.1	.1		
	11833472	Replace		.1		
		Repair		.1		
02	Firing Attach-	Inspect	.1	.1	1	
	ment Adapter	Service	.1	.1		
	11833448	Replace		.1		
		Repair		.1		
0201	Extension	Inspect	.1	.1	1	
	Assembly	Service	.1	.1		
	<u> </u>	Replace	1	.1		
		Repair	İ	.1		B-7

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(1) GROUP NUMBER	(2) COMPONENT/ ASSEMBLY	(3) MAINTE- NANCE FUNCTION	MAII	4) NTE- NCE EGORY 0	(5) TOOLS AND EQUIPMENT	(6) REMARKS
0202	Support Assembly 11833455	Inspect Service Replace Repair	.1 .1	.1 .1 .1 .1	1	
03	Adapter M1/M1A1 11633475	Inspect Service Repair	.1 .1	.1 .1 .1 .1	1	
B-8						

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GROUP NUMBER	COMPONENT/ ASSEMBLY	(3) MAINTE- NANCE FUNCTION	(4 MAIN NAN CATE C	ITE-	(5) TOOLS AND EQUIPMENT	(6)
0301	Coupler Assembly 11833476	Inspect Service Replete Repair	.1 .1	.1 .1 .1	1	
0302	Extension Assembly 11833481	Inspect Service Replace Repair	.1 .1	.1 .1 .1	1	
						R-

B-9

TM 9-1005-316-12&P
Section III. TOOL AND TEST EQUIPMENT REQUIREMENTS FOR
M21 RFΔ

		IVIZI DIA		
(1) TOOL OR TEST	(2)	(3)	(4) NATIONAL/	(5)
EQUIPMENT REF CODE	MAINTENANCE CATEGORY	NOMENCLATURE	NATO Stock Number	TOOL Number
1	0	TOOL KIT, SMALL ARMS REPAIRMAN	5180-00- 357-7770	SC 5180-95- CL-A07

Section IV. REMARKS

Reference Code	Remarks

Α

Repair is replacement of parts

APPENDIX C ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

- **C-1. Scope.** This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of organizational, direct support, and general support maintenance of the BFA. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the Source, Maintenance and Recoverability (SMR) codes.
- C-2. General. In addition to this section, Introduction, this Repair Parts and Special Tools List is divided into the following sections:
- a. Section II, Repair Parts List. A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for

replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence.

- b. Section III, Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.
- c. Section IV, National Stock Number and Part Number-Index. A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listing. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

C-3. Explanation of Columns (Sections II and III).

a. ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

b. SMR CODE (Column (2)). The Source, Maintenance, and Recoverability (SMR) Code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:

Sourc Code			ntenance Code	Recoverability Code
хх	1 st two positions		xx	x
How you get	an item	3d position	4th position	Who determines disposition action on an un-
		Who can install, replace or use the item	Who can do complete repair* on the item	serviceable item

^{*}Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) Source Code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Code	Explanation
PA PB	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3d position of the SMR codes.
Code	Explanation
XA-	Do not requisition an "XA" - coded item. Order its next higher assembly. (Also, refer to the NOTE below.)

NOTE

Cannibalization or controlled exchange, when authorized may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 700-42.

- (2) Maintenance code. Maintenance codes tell you the level of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR Code as follows:
- (a) The maintenance code entered in the third position tells you the lowest maintenance category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance.

Code Application/Explanation

Organizational or aviation unit category can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions). (NOTE: Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.) This position will contain one of the following maintenance codes.

Code Application/Explanation

Organizational or aviation unit is the lowest level that can do complete repair of the item.

Nonreparable. No repair is authorized.

Z

(3) Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

Recoverability Code	Application/Explanation
Z	Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.
0	Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit level.

- c. FSCM (Column (3)). The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.
- d. PART NUMBER (Column (4)). Indicates the primary number used by the manufacturer (individual company, firm, corporation, or Government activity), which controls the design and

characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE: When you use an NSN to requisition an item, the item you receive may have a different part number from the part ordered.

- a. DESCRIPTION AND USABLE ON CODE (UOC) (Column (5)]. This column includes the following information:
 - (1) The Federal item name and, when required, a minimum description to identify the item.
 - (2) The useble on code, when applicable (see paragraph C-5, Special Information).
- (3) The statement "END OF FIGURE" appears just below the last item description in column 5 for a given figure in both section II and section III.
- f. QTY (Column (6)). The QTY (quantity per figure column) indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may vary from application to application.

C-4. Explanation of Columns (Sect. IV).

a. National Stock Number (NSN) Index.

NIIN

- (1) STOCK NUMBER column. This column lists the NSN by National Item Identification Number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN NSN
- (i.e., 1005-01-184-4041). When using this column to locate an item, ignore the first
- 4 digits of the NSN. However, the complete NSN should be used when ordering items by stock number.
- (2) FIG. column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in section II.
- (3) ITEM column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.
- b. Part Number Index. Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the C-8

first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

- (1) FSCM column. The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.
- (2) PART NUMBER column. Indicates the primary number used by the manufacturer (individual, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.
- (3) STOCK NUMBER column. This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and FSCM columns to the left.
- (4) FIG. column. This column lists the number of the figure where the item is identified/locatad in section II.
- (5) ITEM column. The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

C-5. Special Information.

a. USABLE ON CODE. The usable on code appears in the lower left corner of the Description column heading. Usable on codes are shown as "UOC: . . . " in the Description column (justified left) on the first line applicable item description/nomenclature. Uncoded items are applicable to all models. Identification of the usable on codes used in the RPSTL are:

ode	Used On
A	M48A5, M551 (OPFOR), M551A1
В	M60A1, M60A3
C	M1/M1A1 Tank
D	M2/M3 BFVS

b. Associated Publications. The publication(s) listed below pertain to the BFA.

Publication	Short Title
TM 9-2350-230-12	M551A1 Vehicle
TM 9-2350-258-10	M48A5 Tank
TM 9-2350-215-10	M60A1 Tank
TM 9-2350-253-10	M60A3 Tank
TM 9-2350-252-10	M2/M3 BFVS
TM 9-2350-255-10	M1 Tank

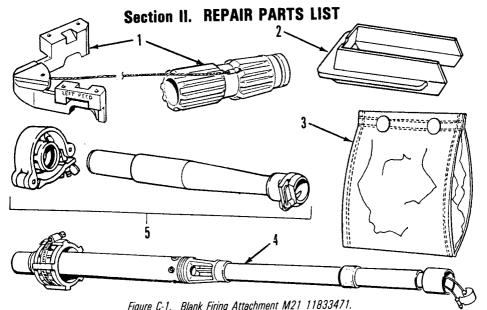


Figure C-1. Blank Firing Attachment M21 11833471.

SECTION II TO			ΤΤ	M9-1005-316-12&P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR	:	PART		1
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP: 00 FIGURE: C-1 BLANK FIRING ATTACHMENT M21 (11833471)	
1	PAGGG	19200	11833460	CHAMBER AND DISCRIMINATOR ASSEMBLY.	1
2	PAGZZ	19200	11833459	CHUTE, AMMUNITION	1
3	PAØZZ	19200	11833468	BAG, ORDNANCE WEAPONS SPARE PARTS	1
4	PAGGG	19200	11833475	ADAPTER, FIRING ATTACHMENT M1/M1A1.C	1
5	PACCC	19200	11833448	ADAPTER, FIRING ATTACHMENT	1
				(M60A1/M60A3)B	
				END ÖF FIGURE	

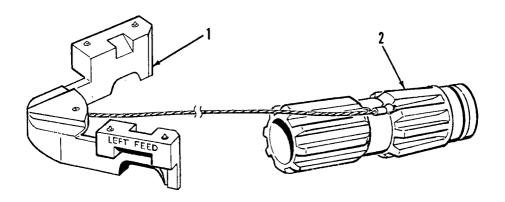


Figure C-2. Chamber and Discriminator Assembly 11833460

SECTION II				TM9-1005-316-12&P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
No	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
				GROUP: 01 FIGURE: C-2 CHAMBER AND DISCRIMINATOR ASSEMBLY (11833460)	
1	PA000	19200	11833472	DISCRIMNATOR ASSEMBLY	1
2	XAOZZ	19200		CHAMBER	1
				END OF FIGURE	

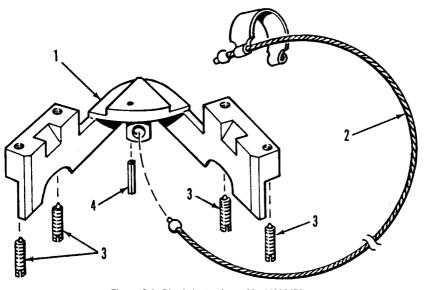


Figure C-3. Discriminator Assembly 11833472.

	SECT	ION I	Ι .	TM9-1005-316-12&P	
(1)	(2)	(3)	(4)	(5)	(6)
IT EM	SMR		PART		
NO3	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP: 0101 FIGURE. C-3 DISCRIMINATOR ASSEMBLY (11833472)	
1	XAOZZ	19200	11833463	DISCRIMINATOR	1
2	PAOZZ			WIRE ROPE ASSEMBLY, SINGLE LEG	1
3	PACOZZ	19200	11833473	PLUNGER,QUICK RELEASE	4
4	PACOZZ	96906	MS171526	PIN	1
				END OF FIGURE	

Figure C-4. Firing Attachment Adapter 11833448.

SECTION_II				TM9-1005-316-12&P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP: 02 FIGURE: C-4 FIRING ATTACHMENT ADAPTER (11833448)	
1	PA000	19200	11833455	SUPPORT ASSEMBLY	1
2	PA000	19200	11833450	EXTENSION ASSEMBLYB	1
				END OF FIGURE	

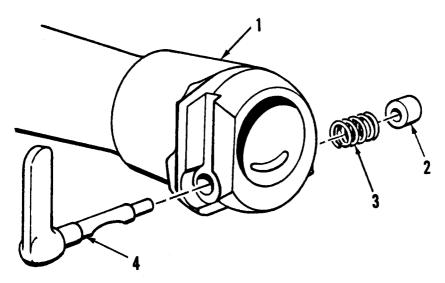


Figure C-5. Extension Assembly 11833450.

SECTION II TM9-			TM9-	-1005-316-12&P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART	DESCRIPTION	ł
NO	CODE	FSCM	NUMBER	AND USABLE ON CODES(UCC)	QTY
				GRÖUP: 0201 FIGURE: C-5 EXTENSIÖN ASSEMBLY (11833450)	
1	XACZZ	19200	11833454	EXTENSION CLAMP	1
2	PAGZZ	19200	11833453	BUTTON	1
3	PAÖZZ	96906	MS24585C147	SPRING, HELICALB	1
4	PAGZZ	19200	11833452	SHAFT, SHOULDEREDB	1
				END OF FIGURE	

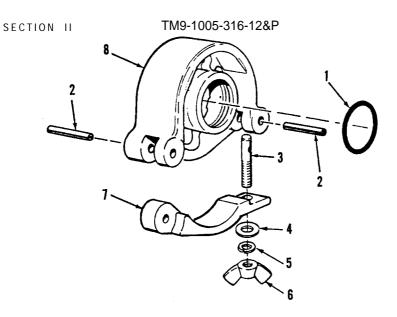


Figure C-6. Support Assembly 11833455.

SECTION II TM9-			TM9	-1005-316-12&P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART	DESCRIPTION	ĺ
NØ	CODE	FSCM	NUMBER	AND USABLE ON CODES(UOC)	QTY
				GRÖUP: 0202 FIGURE: C-6 SUPPÖRT ASSEMBLY (11833455)	
				PACKING, PREFORMEDB	
2	PAGZZ	96906	MS39086-256	PIN, SPRING B	2
			11833458	BOLT, EYE B	1
4	PAGZZ	96906	MS15795-813	WASHER, FLATB	1
	PAGZZ				
6	PAÖZZ	96906	MS35426-31	NUT, PLAIN, WING B	1
7	PAGZZ	19200	11833457	STRAP, RETAININGB	1
8	XAOZZ	19200	11833456	SUPPORTB	1
				END OF FIGURE	

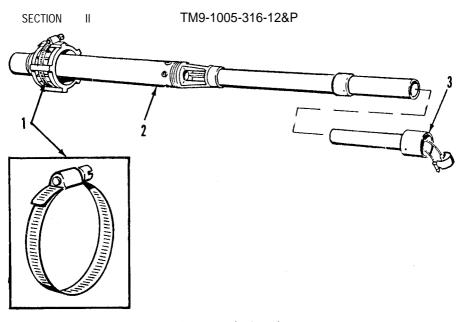


Figure C-7. Adapter(M1/M1A1) 11833475.

SECTION II TM9			TMS	9-1005-316-12&P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART	DESCRIPTION	
NO	CODE	FSCM	NUMBER	AND USABLE ON CODES(UCC)	QTY
				GRÖUP: 03 FIGURE: C-7 ADAPTER (M1/M1A1) (11833475)	
1	PAGZZ	96906	MS35842-15	CLAMP,HØSEC	1
			I :	EXTENSION ASSEMBLY	1
3	PAGGG	19200	11833476	COUPLER ASSEMBLY	1
				END OF FIGURE	

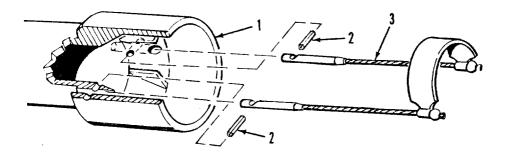


Figure C-8. Coupler Assembly 11833476.

SECTION II TM9			TMS	9-1005-316-12&P	
(1)	(2)	(3)	(4)	(5)	(6)
NO NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP: 0301 FIGURE: C-8 COUPLER ASSEMBLY (11833476)	
1	XAOZZ	19200	11833477	COUPLER	1
2	PAOZZ	96906	MS39086-127		2
3	PAOZZ	19200	11833478	HARNESS ASSEMBLY	1
				END OF FIGURE	

Figure C-9. Extension Assembly 11833481.

SECTION II			•	TM9-1005-316-12&P	
~(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART	DESCRIPTION	
NO	CODE	FSCM	NUMBER	AND USABLE ON CODES(UOC)	QTY
				GROUP: 0302 FIGURE: C-9 EXTENSION ASSEMBLY (11833481)	
1	XAOZZ	19200	11833488	TUBE ASSEMBLY FORWARD	1
2	PAOZZ	96906	MS171646	PIN, SPRING	5
3	XAOZZ	19200	11833484	TUBE ASSEMBLY REAR	1
				END OF FIGURE	

Section III. SPECIAL TOOLS LIST

There is no Special Tools list in this TM.

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NATIONAL STOCK BUMBED INDEV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX								
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM			
5330-00-580-3846 5315-00-598-6435 5315-00-598-6507 5310-00-802-4701 5315-00-846-2141 4730-00-908-6293 5360-00-914-4188 5340-00-932-1790	C - 6 C - 9 C - 6 C - 6 C - 8 C - 7 C - 5 C - 3	1 2 2 4 2 1 3 3 3	1005-01-146-3440 1005-01-146-6553 8105-01-147-9841 1005-01-147-9850 1005-01-148-4948 1005-01-148-4952 5305-01-154-1440 5340-01-159-6912	C-5 C-4 C-1 C-5 C-1 C-1 C-6 C-6	2 1 3 4 5 2 3 7			
5310-00-984-7042	C - 6	5	4010-01-171-4833	C - 3	2			
1015-01-019-7117	C - 3	4	1005-01-217-1191	C - 7	3			
5310-01-080-2211	C - 6	6	1005-01-217-1192	C - 8	3			
1005-01-142-2841	C - 1	1	1005-01-217-1193	C - 7	2			
1005-01-146-3437	C - 2	1	1005-01-218-0693	C-1	4			
1005-01-146-3439	C - 4	2						

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NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS15795-813	5310-00-802-4701	C - 6	4
96906	MS171526	1015-01-019-7117	C - 3	4
96906	MS171646	5315-00-598-6435	C - 9	2
96906	MS24585C147	5360-00-914-4188	C - 5	3
96906	MS28775-325	5330-00-580-3846	C - 6	1
96906	MS35338-141	5310-00-984-7042	C - 6	5
96906	MS35426-31	5310-01-080-2211	C - 6	6
96906	MS35842-15	4730-00-908-6293	C - 7	1
96906	MS39086-127	5315-00-846-2141	C - 8	2
96906	MS39086-256	5315-00-598-6507	C - 6	2
19200	11833448	1005-01-148-4948	C - 1	5
19200	11833450	1005-01-146-3439	C - 4	2
19200	11833452	1005-01-147-9850	C - 5	4

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NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
19200	11833453	1005-01-146-3440	C - 5	2
19200	11833454		C - 5	1
19200	11833455	1005-01-146-6553	C - 4	1
19200	11833456		C - 6	8
19200	11833457	5340-01-159-6912	C - 6	7
19200	11833458	5305-01-154-1440	C - 6	3
19200	11833459	1005-01-148-4952	C - 1	2
19200	11833460	1005-01-142-2841	C - 1	1
19200	11833463		C - 3	1
19200	11833464′		C - 2	2
19200	11833467	4010-01-171-4833	C - 3	2
19200	11833468	8105-01-147-9841	C - 1	3
19200	11833472	1005-01-146-3437	C - 2	1

SECTION IV

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NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
19200	11833473	5340-00-932-1790	C - 3	3
19200	11833475	1005-01-218-0693	C - 1	4
19200	11833476	1005-01-217-1191	C - 7	3
19200	11833477		C - 8	1
19200	11833478	1005-01-217-1192	C - 8	3
19200	11833481	1005-01-217-1193	C - 7	2
19200	11833464		C - 9	3
19200	11833488		C - 9	1

APPENDIX D COMPONENTS OF END ITEM AND BASIC ISSUE ITEMS LISTS

Section I. INTRODUCTION

- **D-1. SCOPE.** This appendix lists components of end item and basic issue items for the BFA to help you inventory items required for safe and efficient operation.
- **D-2. GENERAL.** The Components of End Item and Basic Issue Items lists are divided into the following sections:
- a. Section II. Components of End Item (COEI). There are no components of end item in this TM.
- **b.** Section III. Basic Issue Items (BII). These are the minimum essential items required to place the BFA in operation, to operate it, and to perform emergency repairs. Although shipped

separately packaged, BII must be with the BFA during operation and whenever it is transferred between property accounts. This manual is your authority to request/requisition replacement BII, based on Table of Organization and Equipment (TOE)/Modified Table of Organization and Equipment (MTOE) authorization of the end item.

- **D-3. EXPLANATION OF COLUMNS.** The following provides an explanation of columns found in the tabular listings:
- **a. Column (1) National Stock Number.** Indicates the National stock number assigned to the item and will be used for requisitioning purposes.
- **b. Column (2) Description.** Indicates the Federal item name, and if required, a minimum description to identify and locate the item. The last line for each item indicates the FSCM (in parentheses) followed by the part number.
- c. Column (3) Unit of Measure (U/M). Indicates the measure used in performing the actual operational/maintenance function. This measure is expressed by a two-charactar alphabetical abbreviation (e.g., ea, in., pr).

d. Column (4) - Quantity Required (Qty rqr). Indicates the quantity of the item authorized to be used with/on the equipment,

Section II. COMPONENTS OF END ITEM

There are no components of end item in this TM.

Section III. BASIC ISSUE ITEMS

(1) National Stock Number	(2) Description FSCM & Part Number	(3) U/M	(4) Oty Rqr
	TM 9-1005-316-12&P Blank Firing Attachment (BFA) M21	EA	1

APPENDIX E ADDITIONAL AUTHORIZATION LIST

Section I. INTRODUCTION

- E-1. SCOPE. This appendix lists additional items you are authorized for the support of the BFA.
- **E-2. GENERAL.** This list identifies items that do not have to accompany the BFA and that do not have to be turned in with it. These items are all authorized to you by CTA, MTOE, TDA, or JTA.
- **E-3. EXPLANATION OF LISTING.** National stock numbers, descriptions, and quantities are provided to help you identify and request the additional items you require to support this equipment. The items are listed in alphabetical sequence by item name under the type document (i.e., CTA, MTOE, TDA, or JTA) which authorizes the item(s) to you.

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Section II. ADDITIONAL AUTHORIZATION LIST

(1)	(2) DESCRIPTION		(3)	(4)
NATIONAL STOCK NUMBER	FSCM & PART NUMBER	USABLE ON CODE	U/M	QTY AUTH
5133-00-189-9265	Drill, Twist (81348) GGG-D-751		EA	1
6515-00-137-6345	Plug, Ear (89875) 4-375		PR	1
5120-00-243-1351	Vise, Pin (81348) GGG-V-412		EA	1

APPFNDIX F FXPFNDABI F/DURABI F SUPPLIES AND MATERIALS LIST

Section I. INTRODUCTION

F-1. SCOPE. This appendix lists expendable/durable supplies and materials you will need to operate and maintain the BFA. This listing is for informational purposes only and is not authority to requisition the listed items. These items are authorized to you by CTA 50-970, Expendable/Durable Items (except Medical, Class V, Repair Parts, and Heraldic Items) or CTA 8-100, Army Medical Department Expendable/Durable Items.

F-2 FXPI ANATION OF COLUMNS

a. Column (1) - Item Number. This number is assigned to the entry in the listing and is referenced in the narrative instructions to identify the material (e.g.,"Use cleaning compound, item 5, app F").

F-2. EXPLANATION OF COLUMNS (cont).

- **b. Column (2) Level.** This column identifies the lowest level of maintenance that requires the listed item.
 - C Operator/Crew
 - O Organizational Maintenance
- **c. Column (3) National Stock Number.** This is the National stock number assigned to the item; use it to request or requisition the item.
- **d. Column (4) Description.** Indicates the Federal item name and, if required, a description to identify the item. The last line for each item indicates the Federal Supply Code for Manufacturer (FSCM) in parentheses followed by the part number.
- **a. Column (5) Unit of Measure (U/M).** Indicates the measure used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in., pr). If the unit of measure differs from the unit of issue, requisition the lowest unit of issue that will satisfy your requirements.

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Section II. EXPENDABLE/DURABLE SUPPLIES AND MATERIALS

(1) ITEM NUM- BER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) DESCRIPTION	(5) U/M
1	С	9150-01-079-6124	CLEANER, LUBRICANT AND PRESERVATIVE: grade 2(CLP) 402 bottle (27412) CLP-4	0Z
2	0	9150-01-054-6453 6850-00-224-6657	1pt bottle (27412) CLP-5 CLEANING COMPOUND RV 6 oz can (RBC) (81349) MIL- C-372	PT 0Z
3 F-2	0	5350-00-221-0872	CLOTH, ABRASIVE, CROCUS (58536) A-A-1206	SH

(1) ITEM NUM- BER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) DESCRIPTION	(5) U/M
4	0	8415-00-823-7457	GLOVES, CHEMICAL Type 3, Solvent Resistant (81348) ZZ-G-381	PR
5	0	7920-00-205-1711	RAG, WIPING cotton (56536) A-A-531 50 lb bundle	LB
6	0	6850-00-281-1985	SOLVENT, DRY CLEANING (81348) A-A-711	GL



By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR. General, United States Army Chief of Staff

Official:

R. L. DILWORTH

Brigadier General, United States Army The Adjutant General

Distribution:

To be distributed in accordance with DA Form 12-40, Operator and Organizational maintenance requirements for Blank Firing Attachment, M21 for 7.62-MM, M240 Machine Gun.

\$ GPO : 1993 O - 342-421 (80061



