

**TECHNICAL MANUAL
FIELD MAINTENANCE
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR**

**MACHINE GUN, 7.62 MM, M240, PN 11826290
(1005-01-025-8095) (EIC: 4BD)**

**MACHINE GUN, 7.62 MM, M240B, PN 12976814
(1005-01-412-3129) (EIC: 4BJ)**

**MACHINE GUN, 7.62 MM, M240C, PN 11826175
(1005-01-085-4758) (EIC: 4BF)**

**MACHINE GUN, 7.62 MM, M240D, PN 12977099
(1005-01-418-6995)**

**MACHINE GUN, 7.62 MM, M240E1, PN 12597033
(1005-01-252-4288)**

**MACHINE GUN, 7.62 MM, M240H, PN 13008366
(1005-01-518-2410)**

**MACHINE GUN, 7.62 MM, M240L, PN 13016466
(1005-01-549-5837)**

**MACHINE GUN, 7.62 MM, M240N, PN 12999178
(1005-01-493-1666)**

This information is furnished upon the condition that it will not be released to another nation without the specific authority of the Department of the Army of the United States, that it will be used for military purposes only, that individual or corporate rights originating in the information, whether patented or not, will be respected, that the recipient will report promptly to the United States, any known or suspected compromise, and that the information will be provided substantially the same degree of security afforded it by the Department of Defense of the United States. Also, regardless of any other markings on the document, it will not be downgraded or declassified without written approval of the originating United States agency.

SUPERSEDURE NOTICE: TM 9-1005-313-23&P/TM 08670A/09712-23&P/2C/TO 11W2-6-5-2/SW360-AH-OMP-010 supersedes TM 9-1005-313-23&P/TM 08670A/09712A-23&P/2C/TO11W1-6-5-2/SW360-AH-OMP-010, dated 15 November 2002, including all changes.

DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors. This publication is required for administration and operational purposes, as determined 9 Jan 89. Other requests for this document shall be referred to Director, Tank-automotive and Armaments Command, 1 Rock Island Arsenal, Rock Island, IL 61299-7630.

Marine Corps requests for this document must be referred to Commandant of the Marine Corps (ARE-B), Washington D.C. 20380-0001.

Air Force requests for this document shall be referred to 542 CBSS/GBHDE, Warner Robins AFB, GA 31098-1640.

WARNING: This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et. seq.) or the Export Administration Act of 1979, as amended, Title 50A, U.S.C., App. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.

DISTRUTION NOTICE: Destroy by any method that will prevent disclosure of contents or reconstruction of this document.

**HEADQUARTERS, DEPARTMENTS OF THE ARMY,
AIR FORCE, MARINE CORPS AND NAVY**

DECEMBER 2007

WARNING SUMMARY

This warning summary contains general safety warning and hazardous materials warnings that must be understood and applied during operation and maintenance of this equipment. Failure to observe these precautions could result in serious injury or death to personnel. Also included are explanations of safety and hazardous materials icons used within this technical manual.

FIRST AID

For first aid information, refer to FM 4-25.11, First Aid.
Air Force personnel refer to AFMAN 44-163 (I), First Aid

EXPLANATION OF SAFETY WARNING ICONS



FLYING PARTICLES - arrows bouncing off face with face shield shows that particles flying through the air will harm face.



EXPLOSION - rapidly expanding symbol shows that the material may explode if subjected to high temperatures, sources of ignition, or high pressure.



EYE PROTECTION - person with goggles shows that the material will injure the eyes.



WEAPON FIRE – accidental discharge of a weapon could cause serious injury or death.

GENERAL SAFETY WARNINGS DESCRIPTION

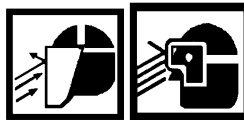
WARNING



Accidental firing of the weapon could cause injury or death. Make certain weapon is cleared and that there is no obstruction in the barrel or chamber.

Before disassembly, cleaning, inspection, transportation or storage, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Inspect the bore and chamber to be sure they are empty and free of obstructions.

WARNING



Be careful when using the cover detent plunger disassembly tool on the receiver assembly (removing, installing, working with, etc.); otherwise, injury to personnel or damage to components may result. Wear eye protection.

WARNING SUMMARY – Continued

GENERAL SAFETY WARNINGS DESCRIPTION- cont

WARNING



When disassembling/reassembling cover assembly, hold hand over retaining clip when engaging or disengaging leg, or retaining clip will fly off pivot post.

To prevent injury to personnel, wear goggles or eye protection when removing parts under spring tension. Point bolt face away from your face and away from other personnel. The spring can fly out and cause injury.

Keep bolt assembly pointed downward at all times during assembly of ejector and extractor parts.

Bipod spring is under tension. Cover with free hand while removing/separating bipod legs.

EXPLANATION OF HAZARDOUS MATERIALS ICONS



EYE PROTECTION - person with goggles shows that the material will injure the eyes.



CHEMICAL - drops of liquid on hand shows that the material will cause burns or irritation to human skin or tissue.



FIRE – flame shows that a material may ignite and cause burns.



VAPOR - human figure in a cloud shows that material vapors present danger to life or health.

HAZARDOUS MATERIALS DESCRIPTION

WARNING



Cleaning solvents are **FLAMMABLE** and **TOXIC** and must be kept away from open flames and used in a well-ventilated area. Use of rubber gloves is necessary to protect the skin when washing weapon parts.

Appropriate eye protection is recommended when cleaning your weapon or its parts.

ARMY TM 9-1005-313-23&P
AIR FORCE TO 11W2-6-5-2
MARINE CORPS TM 08670A/09712A-23&P/2C
NAVY SW360-AH-OMP-010
CHANGE 3

HEADQUARTERS,
DEPARTMENTS OF THE ARMY,
AIR FORCE AND NAVY AND
COMMANDANT OF THE MARINE CORPS
WASHINGTON D.C., 20 August 2010

**TECHNICAL MANUAL
UNIT AND DIRECT SUPPORT MAINTENANCE
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)**

FOR

**MACHINE GUN, 7.62 MM, M240, PN 11826290
(1005-01-025-8095) (EIC: 4BD)**

**MACHINE GUN, 7.62 MM, M240B, PN 12976814
(1005-01-412-3129) (EIC: 4BJ)**

**MACHINE GUN, 7.62 MM, M240C, PN 11826175
(1005-01-085-4758) (EIC: 4BF)**

**MACHINE GUN, 7.62 MM, M240D, PN 12977099
(1005-01-418-6995)**

**MACHINE GUN, 7.62 MM, M240E1, PN 12597033
(1005-01-252-4288)**

**MACHINE GUN, 7.62 MM, M240H, PN 13008366
(1005-01-518-2410)**

**MACHINE GUN, 7.62 MM, M240L, PN 13016466
(1005-01-549-5837)**

**MACHINE GUN, 7.62 MM, M240N, PN 12999178
(1005-01-493-1666)**

DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors. This publication is required for administration and operational purposes, as determined 09 Jan 89. Other requests for this document shall be referred to TACOM Life Cycle Management Command, TACOM-Rock Island, ATTN: AMSTA-LCL-MPP, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. Air Force personnel shall refer their requests for this document to 542 CBSS/GBHDE Robins AFB, GA 31098-1813.

DISTRUCTION NOTICE: Destroy by any method that will prevent disclosure of contents or reconstruction of this document.

MARINE CORPS PCN: 184 086702 03

TM 9-1005-313-23&P

TM 9-1005-313-23&P, 14 December 2007, is updated as follows:

1. File this sheet in front of the manual for reference.
2. A vertical bar in the outer margin of the page indicates an updated text/illustration.
3. Remove old pages and insert new pages as indicated below:

Remove Pages

A/(B blank)
i thru vi

Insert Pages

A/(B blank)
i thru vi

4. Replace the following work packages with their revised version.

<u>Work Package No.</u>	<u>Work Package No.</u>	<u>Work Package No.</u>	<u>Work Package No.</u>
WP 0005 00	WP 0021 00	WP 0036 00	WP 0055 00
WP 0006 00	WP 0023 00	WP 0037 00	WP 0062 00
WP 0008 00	WP 0026 00	WP 0040 00	WP 0064 00
WP 0012 00	WP 0032 00	WP 0052 00	WP 0065 00
WP 0013 00	WP 0033 00	WP 0053 00	WP 0067 00
WP 0015 00	WP 0035 00		

5. Add the following new work package.

Work Package No.
WP 0027 01

By Order of the Secretary of the Army:

GEORGE W. CASEY, JR
General, United States Army
Chief of Staff

Official:



JOYCE E. MORROW
Administrative Assistance to the
Secretary of the Army
1020906

By Order of the Secretary of the Air Force:

NORTON A. SCHWARTZ
General, United States Air Force
Chief of Staff

DONALD J. HOFFMAN
General, United States Air Force
Commander, AFMC

By Order of the Secretary of the Navy:

JERRY GASKILL
Small Arms Program Manager
Naval Sea Systems Command

By Order of the Secretary of the Marine Corps:

M. T. BRINKMAN
Program Manager, Infantry Weapons (PMM-132)
Marine Corps Systems Command

By Order of the Secretary of the Coast Guard:

DISTRIBUTION: To be distributed in accordance with the Initial Distribution Number (IDN) 401105 requirements for TM 9-1005-313-23&P.

MARINE CORPS DISTRIBUTION: PCN 184 086702 03

ARMY TM 9-1005-313-23&P
AIR FORCE TO 11W2-6-5-2
MARINE CORPS TM 08670A/09712A-23&P/2C
NAVY SW360-AH-OMP-010
CHANGE 2

HEADQUARTERS,
DEPARTMENTS OF THE ARMY,
AIR FORCE AND NAVY AND
COMMANDANT OF THE MARINE CORPS
WASHINGTON D.C., 8 MAY 2009

**TECHNICAL MANUAL
UNIT AND DIRECT SUPPORT MAINTENANCE
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR**

M240 SERIES MACHINE GUNS

**MACHINE GUN, 7.62 MM, M240, PN 11826290
(1005-01-025-8095) (EIC: 4BD)**

**MACHINE GUN, 7.62 MM, M240B, PN 12976814
(1005-01-412-3129) (EIC: 4BJ)**

**MACHINE GUN, 7.62 MM, M240C, PN 11826175
(1005-01-085-4758) (EIC: 4BF)**

**MACHINE GUN, 7.62 MM, M240D, PN 12977099
(1005-01-418-6995)**

**MACHINE GUN, 7.62 MM, M240E1, PN 12597033
(1005-01-252-4288)**

**MACHINE GUN, 7.62 MM, M240H, PN 13008366
(1005-01-518-2410)**

**MACHINE GUN, 7.62 MM, M240L, PN 13016466
(1005-01-549-5837)**

**MACHINE GUN, 7.62 MM, M240N, PN 12999178
(1005-01-493-1666)**

DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors. This publication is required for administration and operational purposes, as determined 9 Jan 89. Other requests for this document shall be referred to TACOM Life Cycle Management Command, TACOM-Rock Island, ATTN: AMSTA-LC-LPMM, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. Air Force personnel shall refer their requests for this document to 542 CBSS/GBHDE Robins AFB, GA 31098-1813.

DISTRUCTION NOTICE: Destroy by any method that will prevent disclosure of contents or reconstruction of this document.

TM 9-1005-313-23&P

TM 9-1005-313-23&P, 14 December 2007, is updated as follows:

1. File this sheet in front of the manual for reference.
2. A vertical bar in the outer margin of the page indicates an updated text/illustration.

Remove old pages and insert new pages as indicated:

Add the following new work packages.

Remove Pages
A/(B blank)
i thru vi
0064 00-5 thru 0064 00-7
Cover

Insert Pages
A/(B blank)
i thru vi
0064 00-5 thru 0064 00-7
Cover

Work Package No.
WP 0010 01
WP 0017 01
WP 0034 01
WP 0040 01

Replace the following work packages with their revised version.

Work Package No.
WP 0001 00
WP 0002 00
WP 0003 00
WP 0005 00
WP 0007 00
WP 0008 00
WP 0009 00
WP 0010 00
WP 0013 00
WP 0014 00
WP 0017 00
WP 0019 00
WP 0020 00
WP 0021 00
WP 0022 00
WP 0023 00

Work Package No.
WP 0024 00
WP 0025 00
WP 0026 00
WP 0027 00
WP 0028 00
WP 0030 00
WP 0031 00
WP 0032 00
WP 0033 00
WP 0034 00
WP 0035 00
WP 0036 00
WP 0037 00
WP 0040 00
WP 0042 00
WP 0043 00

Work Package No.
WP 0044 00
WP 0045 00
WP 0046 00
WP 0047 00
WP 0048 00
WP 0049 00
WP 0051 00
WP 0053 00
WP 0060 00
WP 0061 00
WP 0062 00
WP 0063 00
WP 0065 00
WP 0066 00
WP 0067 00

By Order of the Secretary of the Army:

GEORGE W. CASEY, JR
General, United States Army
Chief of Staff

Official:



JOYCE E. MORROW
Administrative Assistance to the
Secretary of the Army
0911702

By Order of the Secretary of the Air Force:

NORTON A. SCHWARTZ JERRY
General, United States Air Force
Chief of Staff

DONALD J. HOFFMAN
General, United States Air Force
Commander, AFMC

By Order of the Secretary of the Navy:

GASKILL
Small Arms Program Manager
Naval Sea Systems Command

By Order of the Secretary of the Marine Corps:

T. J. TAFOLLA
Program Manager, Infantry Weapons
Marine Corps Systems Command

By Order of the Secretary of the Coast Guard:

DISTRIBUTION: To be distributed in accordance with the Initial Distribution Number (IDN) 401105 requirements for TM 9-1005-313-23&P.

MARINE CORPS DISTRIBUTION: PCN 184 086702 02

ARMY TM 9-1005-313-23&P
AIR FORCE TO 11W2-6-5-2
MARINE CORPS TM 08670A/09712A-23&P/2C
NAVY SW360-AH-OMP-010
CHANGE 1

HEADQUARTERS,
DEPARTMENTS OF THE ARMY,
AIR FORCE AND NAVY AND
COMMANDANT OF THE MARINE CORPS
WASHINGTON D.C., 14 May 2008

**TECHNICAL MANUAL
UNIT AND DIRECT SUPPORT MAINTENANCE
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR**

M240 SERIES MACHINE GUNS

**MACHINE GUN, 7.62 MM, M240, PN 11826290
(1005-01-025-8095) (EIC: 4BD)**

**MACHINE GUN, 7.62 MM, M240B, PN 12976814
(1005-01-412-3129) (EIC: 4BJ)**

**MACHINE GUN, 7.62 MM, M240C, PN 11826175
(1005-01-085-4758) (EIC: 4BF)**

**MACHINE GUN, 7.62 MM, M240D, PN 12977099
(1005-01-418-6995)**

**MACHINE GUN, 7.62 MM, M240E1, PN 12597033
(1005-01-252-4288)**

**MACHINE GUN, 7.62 MM, M240G, PN 12997566
(1005-01-359-2714)**

**MACHINE GUN, 7.62 MM, M240H, PN 13008366
(1005-01-518-2410)**

**MACHINE GUN, 7.62 MM, M240N, PN 12999178
(1005-01-493-1666)**

DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors. This publication is required for administration and operational purposes, as determined 9 Jan 89. Other requests for this document shall be referred to TACOM Life Cycle Management Command, TACOM-Rock Island, ATTN: AMSTA-LC-LPMM, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. Air Force personnel shall refer their requests for this document to 542 CBSS/GBHDE Robins AFB, GA 31098-1813.

DISTRUCTION NOTICE: Destroy by any method that will prevent disclosure of contents or reconstruction of this document.

TM 9-1005-313-23&P

TM 9-1005-313-23&P, 14 December 2007, is updated as follows:

1. File this sheet in front of the manual for reference.
2. A vertical bar in the outer margin of the page indicates new or updated text/illustration.

Remove old pages and insert new pages as indicated:

<u>Remove Pages</u>	<u>Insert Pages</u>
A-B	A-B
0002 00-5 and 0002 00-6	0002 00-5 and 0002 00-6
0005 00-9 and 0005 00-10	0005 00-9 and 0005 00-10
0064 00-7 and 0064 00-10	0064 00-7 and 0064 00-10

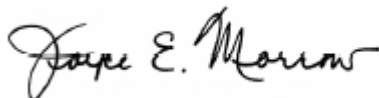
Replace the following work packages with their revised version.

<u>Work Package No.</u>	<u>Work Package No.</u>	<u>Work Package No.</u>
WP 0011 00	WP 0040 00	WP 0054 00
WP 0015 00	WP 0041 00	WP 0055 00
WP 0015 01	WP 0044 00	WP 0056 00
WP 0031 00	WP 0045 00	WP 0057 00
WP 0032 00	WP 0046 00	WP 0058 00
WP 0033 00	WP 0047 00	WP 0059 00
WP 0034 00	WP 0049 00	WP 0060 00
WP 0035 00	WP 0050 00	WP 0061 00
WP 0036 00	WP 0051 00	WP 0062 00
WP 0037 00	WP 0052 00	
WP 0038 00	WP 0053 00	

By Order of the Secretary of the Army:

GEORGE W. CASEY, JR
General, United States Army
Chief of Staff

Official:



JOYCE E. MORROW
Administrative Assistance to the
Secretary of the Army
0810805

By Order of the Secretary of the Air Force:

T. MICHAEL MOSELEY
General, United States Air Force
Chief of Staff

BRUCE CARLSON
General, United States Air Force
Commander, AFMC

By Order of the Secretary of the Coast Guard:

By Order of the Secretary of the Navy:

JERRY GASKILL
Small Arms Program Manager
Naval Sea Systems Command

By Order of the Secretary of the Marine Corps:

T. J. TAFOLLA
Program Manager, Infantry Weapons
Marine Corps Systems Command

DISTRIBUTION: To be distributed in accordance with the Initial Distribution Number (IDN) 401105 requirements for TM 9-1005-313-23&P.

MARINE CORPS DISTRIBUTION: PCN 184 089931 01

LIST OF EFFECTIVE PAGES/WORK PACKAGES

NOTE: A vertical line in the outer margins of the page indicates the portion of text affected by a change.

Dates of issue for original and changed pages/work packages are:

Original	0	14 December 2007
Change	1	14 May 2008
Change	2	08 May 2009
Change	3	20 August 2010

<u>Page/WP No.</u>	<u>*Change No.</u>	<u>Page/WP No.</u>	<u>*Change No.</u>
a-b	3	WP0033 00	3
A-B	3	WP0034 00	2
i-vi	3	WP0034 01	2
WP0001 00	2	WP0035 00	3
WP0002 00	2	WP0036 00	3
WP0003 00	2	WP0037 00	3
WP0004 00	0	WP0038 00	1
WP0005 00	3	WP0039 00	0
WP0006 00	3	WP0040 00	3
WP0007 00	2	WP0040 01	2
WP0008 00	3	WP0041 00	1
WP0009 00	2	WP0042 00	2
WP0010 00	2	WP0043 00	2
WP0010 01	2	WP0044 00	2
WP0011 00	1	WP0045 00	2
WP0012 00	3	WP0046 00	2
WP0013 00	3	WP0047 00	2
WP0014 00	2	WP0048 00	2
WP0015 00	3	WP0049 00	2
WP0015 01	1	WP0050 00	1
WP0016 00	0	WP0051 00	2
WP0017 00	2	WP0052 00	3
WP0017 01	2	WP0053 00	3
WP0018 00	0	WP0054 00	1
WP0019 00	2	WP0055 00	3
WP0020 00	2	WP0056 00	1
WP0021 00	3	WP0057 00	1
WP0022 00	2	WP0058 00	1
WP0023 00	3	WP0059 00	1
WP0024 00	2	WP0060 00	2
WP0025 00	2	WP0061 00	2
WP0026 00	3	WP0062 00	3
WP0027 00	2	WP0063 00	2
WP0027 01	3	WP0064 00	3
WP0028 00	2	WP0065 00	3
WP0029 00	0	WP0066 00	2
WP0030 00	2	WP0067 00	3
WP0031 00	2	Cover	2
WP0032 00	3		

*Zero in this column indicates an original page or work package.

A/(B blank)

ARMY TM 9-1005-313-23&P
AIR FORCE TO 11W2-6-5-2
MARINE CORPS TM 08670A/09712-23&P/2C
NAVY SW360-AH-OMP-010

HEADQUARTERS,
DEPARTMENTS OF THE ARMY,
AIR FORCE, AND NAVY AND
COMMANDANT OF THE MARINE CORPS
WASHINGTON D.C., 14 December 2007

**TECHNICAL MANUAL
FIELD MAINTENANCE
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR**

MACHINE GUN, 7.62 MM, M240, PN 11826290 (1005-01-025-8095) (EIC: 4BD)

MACHINE GUN, 7.62 MM, M240B, PN 12976814 (1005-01-412-3129) (EIC: 4BJ)

MACHINE GUN, 7.62 MM, M240C, PN 11826175 (1005-01-085-4758) (EIC: 4BF)

MACHINE GUN, 7.62 MM, M240D, PN 12977099 (1005-01-418-6995)

MACHINE GUN, 7.62 MM, M240E1, PN 12597033 (1005-01-252-4288)

MACHINE GUN, 7.62 MM, M240H, PN 13008366 (1005-01-518-2410)

MACHINE GUN, 7.62 MM, M240L, PN 13016466 (1005-01-549-5837)

MACHINE GUN, 7.62 MM, M240N, PN 12999178 (1005-01-493-1666)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any errors, or if you would like to recommend any improvements to the procedures in this publication, please let us know. Services should be submitted as follows:

- Army – The preferred method is to submit your DA Form 2028 (Recommended Changes to Equipment Technical Publications) through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <https://aeprs.ria.army.mil>. The DA Form 2028 is located under the Public Applications section in the AEPS Public Home Page. 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, e-mail, or fax your comments or DA Form 2028 directly to the U.S. Army TACOM Life Cycle Management Command. The postal mail address is U.S. Army TACOM Life Cycle Management Command, ATTN: AMSTA-LCL-MPP / TECH PUBS, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. The e-mail address is tacomlcmc.daform2028@us.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726.
- Air Force (F) - Submit AFTO Form 22 through the respective MAJCOM in the Joint Computer-aided Acquisition and Logistics Support (JACALS) system. Follow the guidance in accordance with Section 5 of Air Force Technical Order 00-5-1.
- Marine Corps (MC) - Submit NAVMC Form 10772 via Marine Corps Publications website at: <https://pubs.ala.usmc.mil/navmc/>. You may also e-mail to: mbmatcommarlogbases@logcom.usmc.mil, or mail NAVMC 10772 to: Commander, Marine Corps Systems Command Attn: Assistant Commander Acquisition and Logistics (LOG/TP), 814 Radford Blvd, Suite 20343, Albany, GA 31704-0343.
- Navy (N) - Submit Recommended Changes to Publications to: Naval Surface Warfare Center, Crane Division, Code 4081, Crane, IN 47522-5001.

TM 9-1005-313-23&P

SUPERSEDURE NOTICE: TM 9-1005-313-23&P/TM 08670A/09712-23&P/2C/TO 11W2-6-5-2/SW360-AH-OMP-010 supersedes TM 9-1005-313-23&P/TM 08670A/09712A-23&P/2C/TO11W1-6-5-2/SW360-AH-OMP-010, dated 15 November 2002, including all changes.

DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their contractors. This publication is required for administration and operational purposes, as determined 09 Jan 89. Other requests for this document shall be referred to TACOM Life Cycle Management Command, ATTN: AMSTA-LCL-MPP, 1 Rock Island Arsenal, Rock Island, IL 61299-7630.

Marine Corps requests for this document must be referred to Commandant of the Marine Corps (ARE-B), Washington D.C. 20380-0001.

Air Force requests for this document shall be referred to 542 CBSS/GBHDE, Warner Robins AFB, GA 31098-1604.

WARNING: This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et. seq.) or the Export Administration Act of 1979, as amended, Title 50A, U.S.C., App. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.

DESTRUCTION NOTICE: Destroy by any method that will prevent disclosure of contents or reconstruction of this document.

TABLE OF CONTENTS

WARNING SUMMARYa

HOW TO USE THIS MANUALvi

CHAPTER 1. GENERAL INFORMATION, EQUIPMENT DESCRIPTION AND THEORY OF OPERATION

- General Information.....WP 0001 00-1
- ScopeWP 0001 00-3
- Maintenance Forms, Records and ReportsWP 0001 00-3
- Reporting Equipment Improvement Recommendations (EIR).....WP 0001 00-3
- Corrosion Prevention and Control (CPC).....WP 0001 00-3
- Destruction of Army Materiel to Prevent Enemy UseWP 0001 00-4
- Preparation for Storage and ShipmentWP 0001 00-4
- Quality of Materiel.....WP 0001 00-4
- Common Tools and EquipmentWP 0001 00-4
- Special Tools, TMDE, and Support Equipment.....WP 0001 00-4
- Official Nomenclature, Names, and DesignationsWP 0001 00-4
- Equipment Description and Data.....WP 0002 00-1
- Equipment Characteristics, Capabilities, and FeaturesWP 0002 00-1
- Location and Description of Major ComponentsWP 0002 00-1
- Differences Between ModelsWP 0002 00-4
- Equipment Data.....WP 0002 00-5
- Theory of OperationWP 0003 00-1

CHAPTER 2. TROUBLESHOOTING PROCEDURES

- Field Maintenance TroubleshootingWP 0004 00-1
- Troubleshooting Procedures:
 - Failure to Chamber.....WP 0004 00-2
 - Failure to FireWP 0004 00-3
 - Sluggish Operation.....WP 0004 00-3
 - Failure to FeedWP 0004 00-4
 - Failure to EjectWP 0004 00-5
 - Failure to ExtractWP 0004 00-5
 - Failure to Cock or Runaway GunWP 0004 00-6
 - Gun ruptures cartridge cases.....WP 0004 00-7
 - Safety does not functionWP 0004 00-7

CHAPTER 3. PMCS MAINTENANCE INSTRUCTIONS

- Preventive Maintenance Checks and Services.....WP 0005 00

CHAPTER 4. MAINTENANCE INSTRUCTIONS

- Service Upon Receipt.....WP 0006 00-1
 - Service upon Receipt of MaterielWP 0006 00-1
- Field Maintenance of:
 - Machine Gun, M240 Series.....WP 0007 00
 - Barrel
 - AssemblyWP 0008 00
 - Front Sight AssemblyWP 0009 00
 - Carrying Handle Assembly (M240B/M240D/M240H/M240N).....WP 0010 00
 - Carrying Handle Assembly (M240L)WP 0010 01
 - Buffer Assembly (M240/M240C).....WP 0011 00
 - Buffer and Spade Grip Assembly (M240D/M240E1/M240H).....WP 0012 00
 - Buttstock and Hydraulic Buffer Assembly (M240B/M240L/M240N)...WP 0013 00
 - Bolt and Operating Rod AssemblyWP 0014 00
 - Bolt
 - Assembly.....WP 0015 00
 - Breech Body AssemblyWP 0015 01

TABLE OF CONTENTS (cont)

CHAPTER 4. MAINTENANCE INSTRUCTIONS (cont)

	Trigger Housing Assembly (M240/M240C/M240D/M240E1/ M240H).....	WP 0016 00
	Trigger Housing Assembly (M240B/M240N).....	WP 0017 00
	Trigger Housing Assembly (M240L).....	WP 0017 01
	Trigger Actuating Assembly (M240D/M240E/1M240H)	WP 0018 00
Cover	Assembly	WP 0019 00
	Feed Pawl Assembly.....	WP 0020 00
Receiver	Assembly.....	WP 0021 00
	Receiver Body Assembly	WP 0022 00
	Rear Sight Assembly (M240B/M240D/M240E1/M240H/M240L/ M240N).....	WP 0023 00
	Slide Assembly (M240B/M240D/M240E1/M240H/M240L/M240N) .	WP 0024 00
	Bipod Assembly (M240B/M240L).....	WP 0025 00
	Bipod Assembly (M240H).....	WP 0026 00
	Final Inspection of M240 Series Machine Gun	WP 0027 00
	Annual Gaging of M240 Series Machine Gun.....	WP 0027 01
	Preembarkation Inspection of Materiel for Units Alerted for Overseas Movement.....	WP 0028 00
	Illustrated List of Manufactured Items	WP 0029 00

CHAPTER 5 PARTS INFORMATION

Repair Parts and Special Tools List for:

	Machine Gun, M240 Series.....	WP 0031 00
Barrel	Assembly	WP 0032 00
	Front Sight Assembly	WP 0033 00
	Carrying Handle Assembly (M240B/M240D/M240H/M240N).....	WP 0034 00
Carrying	Handle Assembly (M240L)	WP 0034 01
	Buffer Assembly (M240/M240C); Buffer and Spade Grip Assembly (M240D/M240E1/M240H).....	WP 0035 00
	Buttstock and Hydraulic Buffer Assembly (M240B/M240N).....	WP 0036 00
	Bolt and Operating Rod Assembly	WP 0037 00
Bolt	Assembly.....	WP 0038 00
	Breech Body Assembly	WP 0039 00
	Trigger Housing Assembly (M240/M240C/M240D/M240E1) and Trigger Housing, Infantry (M240B/M240N)	WP 0040 00
	Trigger Housing Assembly (M240L).....	WP 0040 01
	Trigger Actuating Assembly (M240D/M240E1/M240H)	WP 0041 00
Cover	Assembly	WP 0042 00
	Feed Pawl Assembly.....	WP 0043 00
Receiver	Assembly.....	WP 0044 00
	Receiver Body Assembly	WP 0045 00
	Rear Sight Assembly (M240B/M240D/M240E1/M240L/M240N)	WP 0046 00
	Slide Assembly (M240B/M240D/M240E1/M240L/M240N)	WP 0047 00
	Bipod Assembly (M240B/M240L).....	WP 0048 00
	Bipod Assembly (M240H).....	WP 0049 00
	Bulk Items.....	WP 0050 00
Special	Tools.....	WP 0051 00
	Case, Barrel Bag (Bil)	WP 0052 00
	M24 Chamber (AAL)	WP 0053 00
	M21 Blank Firing Attachment (AAL).....	WP 0054 00
	Chamber and Discriminator Assembly (AAL).....	WP 0055 00
	Discriminator Assembly (AAL).....	WP 0056 00

TM 9-1005-313-23&P

Adapter (AAL)WP 0057 00
Extension Assembly (AAL)WP 0058 00
Coupler Assembly (AAL).....WP 0059 00
Ammunition Adapter Assembly (COEI)WP 0060 00
Cross References Index – National Stock NumberWP 0061 00
Cross References Index – Part Number.....WP 0062 00

CHAPTER 6 SUPPORTING INFORMATION

ReferencesWP 0063 00
Maintenance Allocation ChartWP 0064 00
Expendable and Durable Items ListWP 0065 00
Component of End Item and Basic Issue Items Lists (M240L)WP 0066 00

REAR MATTER

Alphabetical IndexWP 0067 00

HOW TO USE THIS MANUAL

GENERAL. In order to use this manual efficiently, there are several things you need to know.

- All references in the manual are to work packages or to another manual.
- Whenever the male gender is mentioned (i.e., crewman, repairman) in the manual, it also pertains to females.
- Procedures apply to all models unless otherwise noted.

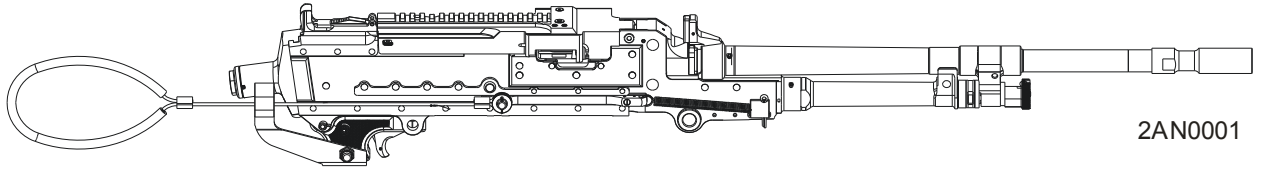
INDEXES. This manual is organized to help you quickly find the information you need. There are several useful indexes.

- Table of Contents. Lists in order all chapters, work packages, and appendixes.
- Nomenclature Cross Reference List. Gives an alphabetical list of the common names that are substituted for the official nomenclature in the manual.
- Chapter Overviews. Summarize material covered in the chapter.
- Troubleshooting Symptom Index. Lists in alphabetical order parts of the weapon with possible malfunctions. References work package pages of the troubleshooting table.
- Alphabetical Index. Located at the end of the manual. An extensive subject index for everything in the manual. It gives work package references.

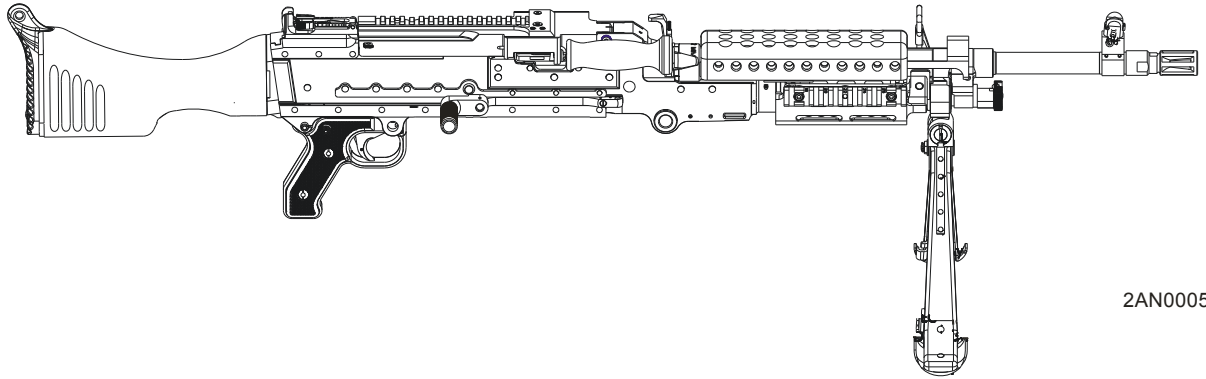
MAINTENANCE PROCEDURES. The maintenance chapter has an initial setup containing a list of the following things you will need in order to do your maintenance task.

- Tool and Special Tools. List tool kit and tools not found in your tool kit.
- Material/Parts. Lists expendable/durable materials and 100% replaceable parts. A part number or work package reference follows each material or part. If more than one part is needed, the quantity needed will follow the part number or reference.
- References. List other publications containing necessary information.
- Equipment Condition. Lists conditions to be met before starting a procedure. The reference following the condition is the work package reference to instructions for setting up the condition.
- Maintenance Procedures. Step-by-step illustrated procedures for maintenance authorized by the Maintenance Allocation Chart (MAC), WP 0064 00.

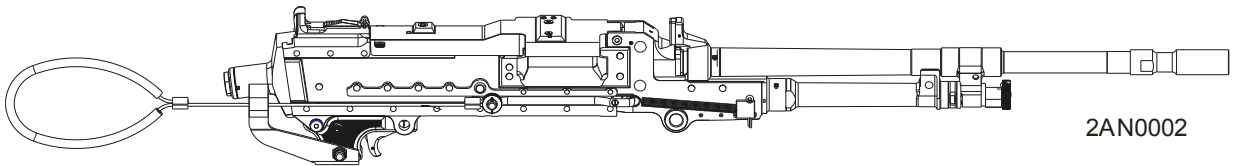
GENERAL INFORMATION



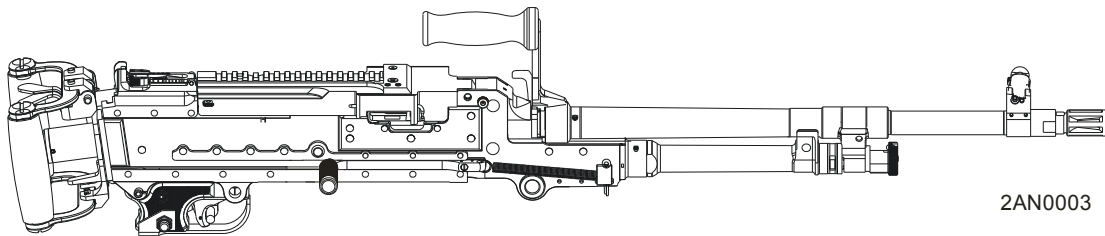
M240 MACHINE GUN



M240B MACHINE GUN



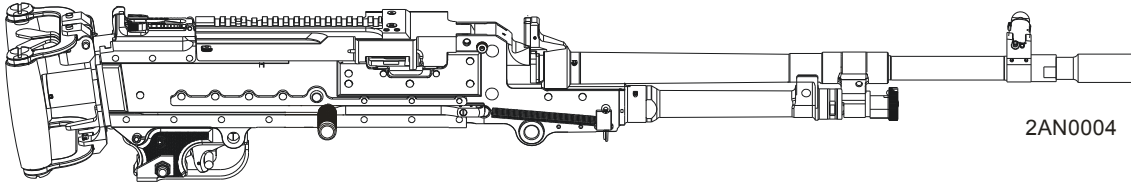
M240C MACHINE GUN



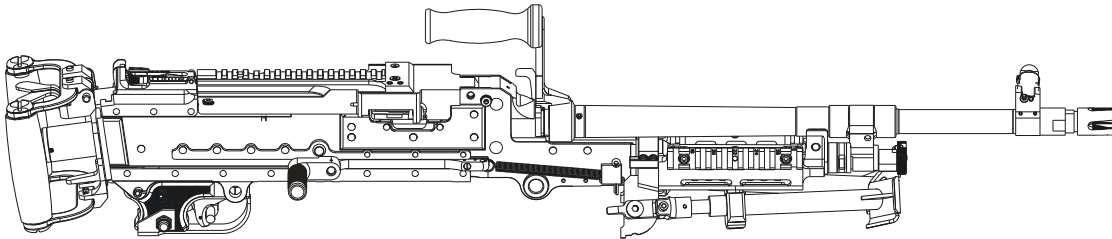
M240D MACHINE GUN

EXTERNAL VIEW OF M240, M240B, M240C, AND M240D, 7.62 MM, MACHINE GUN

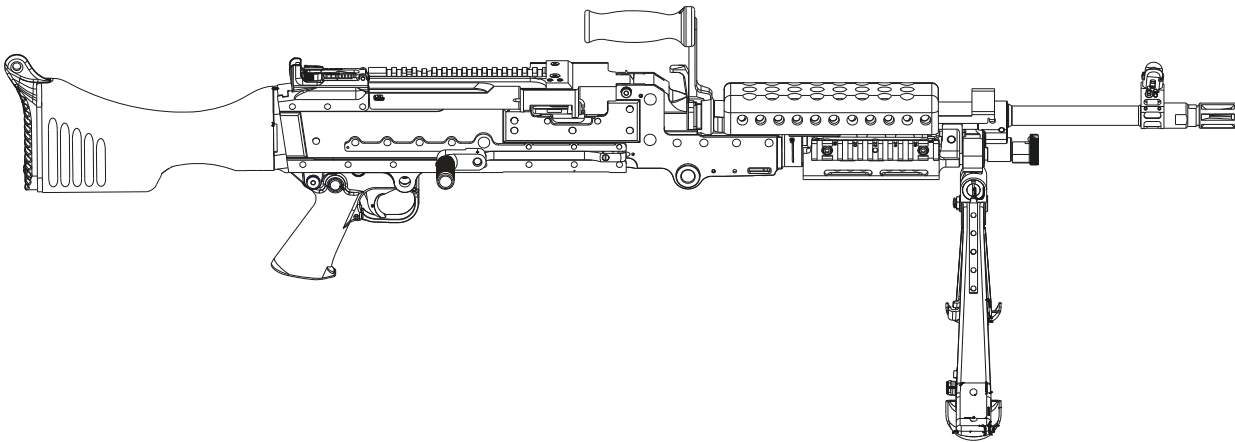
GENERAL INFORMATION (cont)



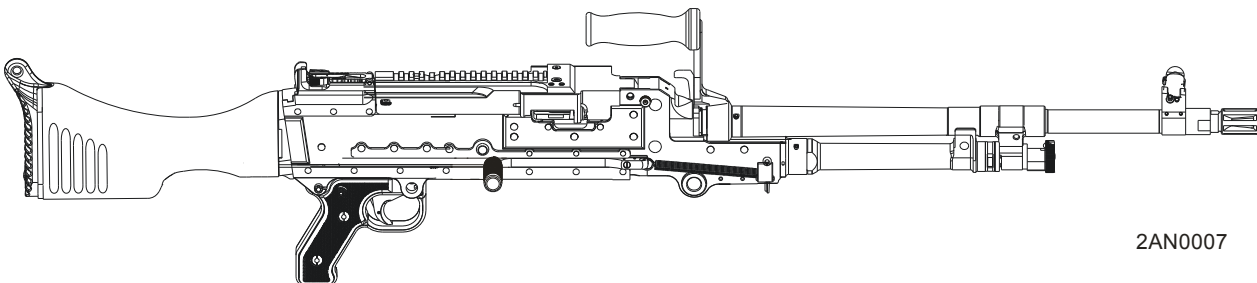
M240E1 MACHINE GUN



M240H MACHINE GUN



M240L MACHINE GUN



M240N MACHINE GUN

EXTERNAL VIEW OF M240E1, M240H, M240L AND M240N, 7.62 MM, MACHINE GUN

SCOPE.

Type of Manual: Field and Sustainment Maintenance Manual.

Model Numbers and Equipment Name: M240, M240B, M240C, M240D, M240E1, M240L, M240H and M240N, 7.62 MM, Machine Gun.

Purpose of Equipment: M240/M240C model is designed as a coaxial machine gun for tanks and 7.62MM fire power on light armored vehicles. The M240D/M240H model is designed as a pintle mounted window/door gun for use in rotary aircraft. M240B/M240L model is designed as a tripod mounted or bipod supported machine gun for use by ground forces. The bipod is integrated into the receiver assembly of the weapon. M240E1 model is designed with front and rear sights and spade grip trigger device, and is pintle mounted on light armored vehicles. The M240N model is designed with front and rear sights; and is configured for mounting on water craft.

MAINTENANCE FORMS, RECORDS, AND REPORTS. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual. Air Force personnel refer to AFI 21-101, the applicable TO 00-20 Series, AFI 36-2226, and TO 11W-1-10. Marine Corps users refer to TM 4700-15/1, Equipment Record Procedures.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR). If your M240 Series machine gun 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 equipment. Let us know why you don't like the design or performance. Put in an SF 368 (Product Quality Deficiency Report). Mail it to Commander, Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-QAW-A (R), 1 Rock Island Arsenal, Rock Island, IL 61299-7300. Marine Corps users submit QDR'S on SF 368 in accordance with MCO 4855.10 (Product Quality Deficiency Report) to Commanding General, Marine Corps Logistics Base (Code 808), Albany, GA 31704-5000. Air Force users submit QDR'S IAW Technical Order 00-35D-54, Material Deficiency Reporting and Investigating System and Air Force Joint Manual (AFJMAN) 23-215, Reporting of Supply Discrepancies. Navy users submit QDR to Commander, Naval Surface Warfare Center, Crane Division, Code 4081, Crane, IN 47522-5001. We'll send you a reply

CORROSION PREVENTION AND CONTROL (CPC). Corrosion prevention and control of material is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items. While corrosion is typically associated with rusting of metals, it can also include deterioration of other materials such as rubber and plastic. Unusual cracking, softening, swelling, or breaking of these materials may be a corrosion problem. If a corrosion problem is identified, it can be reported using SF 368 Product Quality Deficiency Report. Use of key words such as "corrosion", "rust", "deterioration", or "cracking" will assure that the information is identified as a CPC problem. The form should be submitted to Commander, Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-QAW-A/Customer Feed back Center, 1 Rock Island Arsenal, Rock Island, IL 61299-7300. Marine Corps users reference TM 3080-12.

Marine Corps users: Prevention of corrosion on any equipment is important and is critically important for safe functioning of your machine gun. Corrosion prevention is carried out in accordance with TM 3080-12 (Corrosion Prevention and Control for Marine Corps Equipment). If a recurrent corrosion problem is identified, it should be reported on SF 368 in accordance with guidance contained in MCO 4855.10.

Air Force personnel will follow the guidance in AFI 36-2226 and the applicable Specialized Packaging Instruction (SPI) in preparing weapons for storage or shipment.

Navy users submit either Product Quality Deficiency Report or Materiel Deficiency Report (MDR) to Commander, Naval Surface Warfare Center, Crane Division, Code 4081, Crane, IN 47522-5001.

GENERAL INFORMATION (cont)

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE. Procedure and materials used for the destruction of the machine gun to prevent enemy use will be found in TM 750-244-7.

PREPARATION FOR STORAGE AND SHIPMENT. Not applicable.

QUALITY OF MATERIAL. Material used for replacement, repair, or modification must meet the requirements of this manual. If quality of material requirements is not stated in this manual, the material must meet the requirements of the drawings, standards, specifications or approved engineering change proposals applicable to the subject equipment.

SAFETY, CARE AND HANDLING. Refer to TM 9-1300-206 for information on weapons, ammunition, and related publications. Air Force personnel will refer to applicable Air Force publications such as AFI 36-2226, Combat Arms Program, Technical Order (TO) 11W-1-10, Historical Data Recording of Inspection, maintenance and Firing Data for Ground Weapons, AFI 21-201, Management and Maintenance of Non Nuclear Munitions, and Air Force Manual (AFMAN) 91-201, Explosives Safety Standards.

COMMON TOOLS AND EQUIPMENT. For authorized common tools and equipment, refer to the Modified Table of Organization and Equipment (MTOE) (WP 0064 00) applicable to your unit.

SPECIAL TOOLS, TMDE, AND SUPPORT EQUIPMENT. Special tools are listed in WP 0051 00 of this manual. Tools and test equipment are listed in WP 0064 00 of this manual. There is no Test, Measurement, and Diagnostic Equipment (TMDE) for this item.

OFFICIAL NOMENCLATURE, NAMES, AND DESIGNATIONS. This nomenclature cross-reference list includes nomenclature cross-references used in this manual.

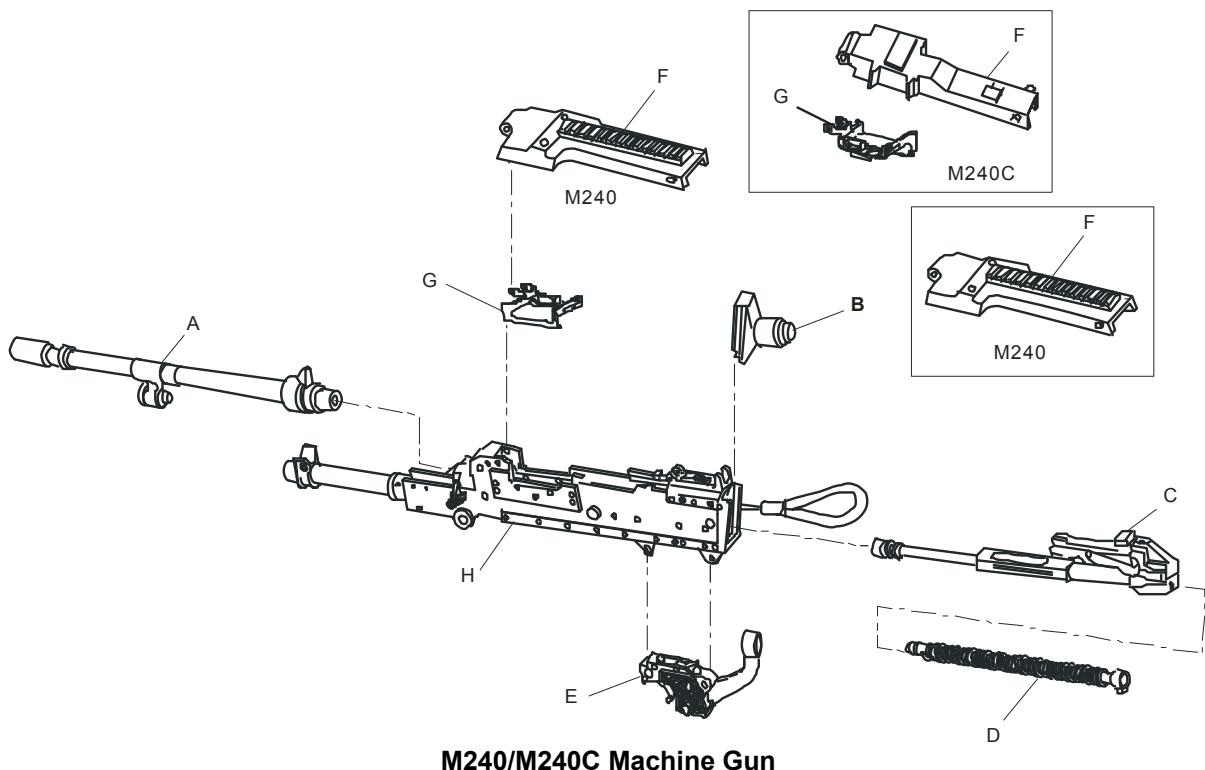
<u>Common Name Official</u>	<u>Name</u>
Back Plate	Buffer and Plug Assembly
Buffer and Spade Grip Assembly	Buffer Grip Assembly
Charger Slide Pin	Headed Straight Pin
Cover Hinge Spring Pin	Spring Pin
Extension Spring	Helical Spring
Front Sight Adjusting Screw	Front Sight Self-Locking Screw
Helical Compression Ejector Spring	Helical Spring
Left Grip	Machine Gun Grip
Manual Control Handle	Cocking Breechblock Lever
Receiver Body	
Right Grip	Machine Gun Grip
Sear Spring	Helical Spring
Spring Loaded Pin	Spring Pin
Stop Screw	Leaf Socket HE Sight Cap Screw
Trigger Pin	Straight Pin
Trigger Spring Pin	Spring Pin

EQUIPMENT DESCRIPTION AND DATA

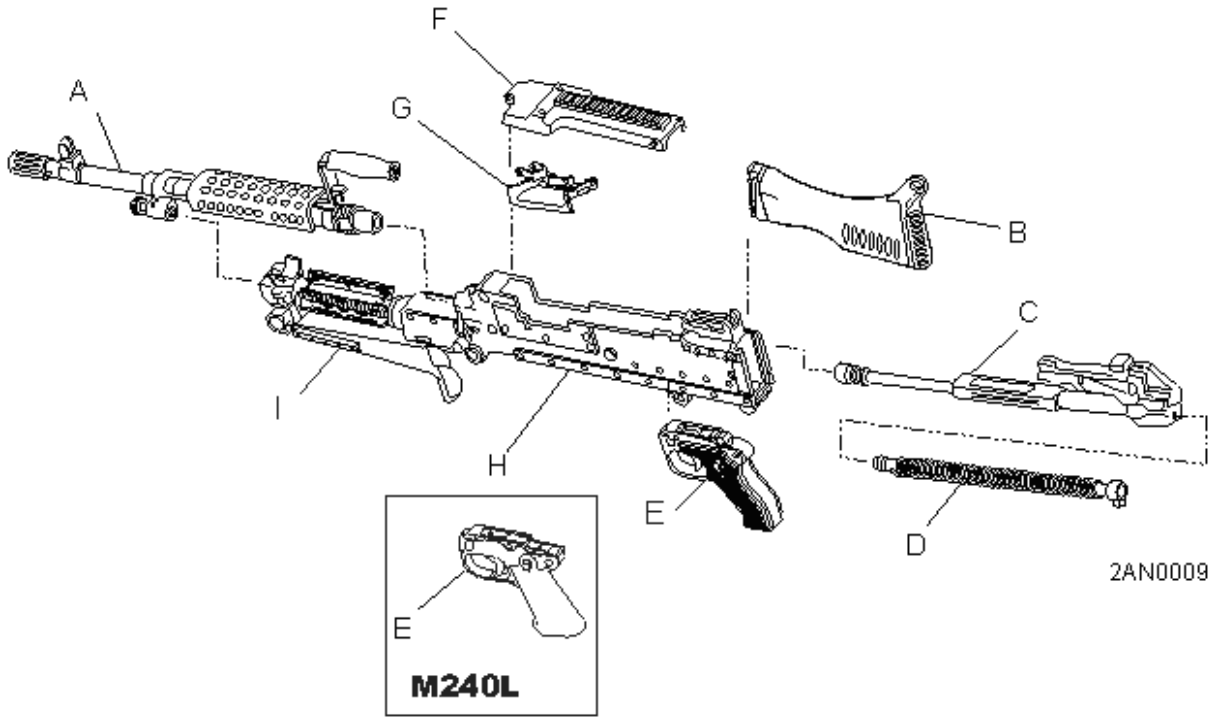
EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES. Refer to TM 9-1005-313-10/TO 11W2-6-5-1/SW360-AH-OPI-010/TM 08670A/09712A-10/1B.

LOCATION AND DISCRIPTION OF MAJOR COMPONENTS.

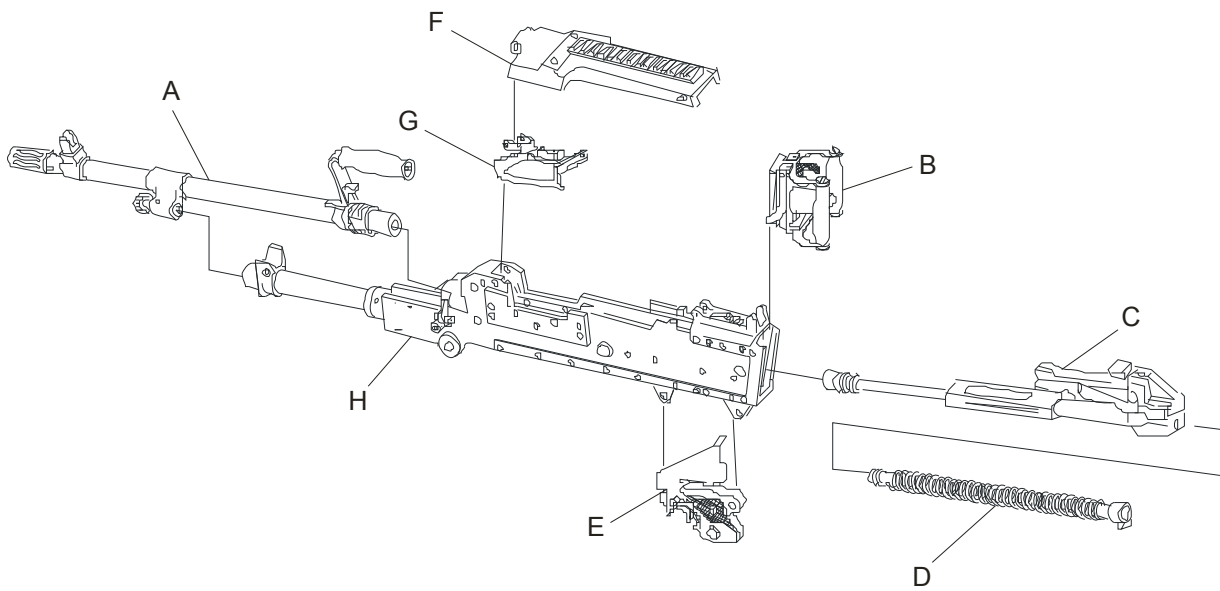
- A BARREL ASSEMBLY – Houses cartridge for firing and directs projectile.
- B BUFFER ASSEMBLY – Absorbs recoil for bolt and operating rod assembly at the end of recoil movement.
- C BOLT AND OPERATING ROD ASSEMBLY – Provides feeding, stripping, chambering, firing, extraction, and ejection of cartridges using the projectile propelling gas for power.
- D DRIVING SPRING ROD ASSEMBLY – Provides energy for returning bolt and operating rod assembly to firing position.
- E TRIGGER HOUSING ASSEMBLY – Controls the firing of the machine gun.
- F COVER ASSEMBLY – Feeds linked belt and holds cartridges in position for stripping, feeding, and chambering. The cover assemblies for M240, M240B, M240D, M240E1, M240L, M240H and M240N have an optical rail sight.
- G FEED TRAY – Serves as a guide for positioning cartridges to assist in chambering.
- H RECEIVER ASSEMBLY – Serves as a support for all major components. Houses action of weapon, and through a series of cam ways controls functioning of the weapon.
- I BIPOD ASSEMBLY (M240B/M240H/M240L) – Serves as a support for the machine gun when used in ground applications.



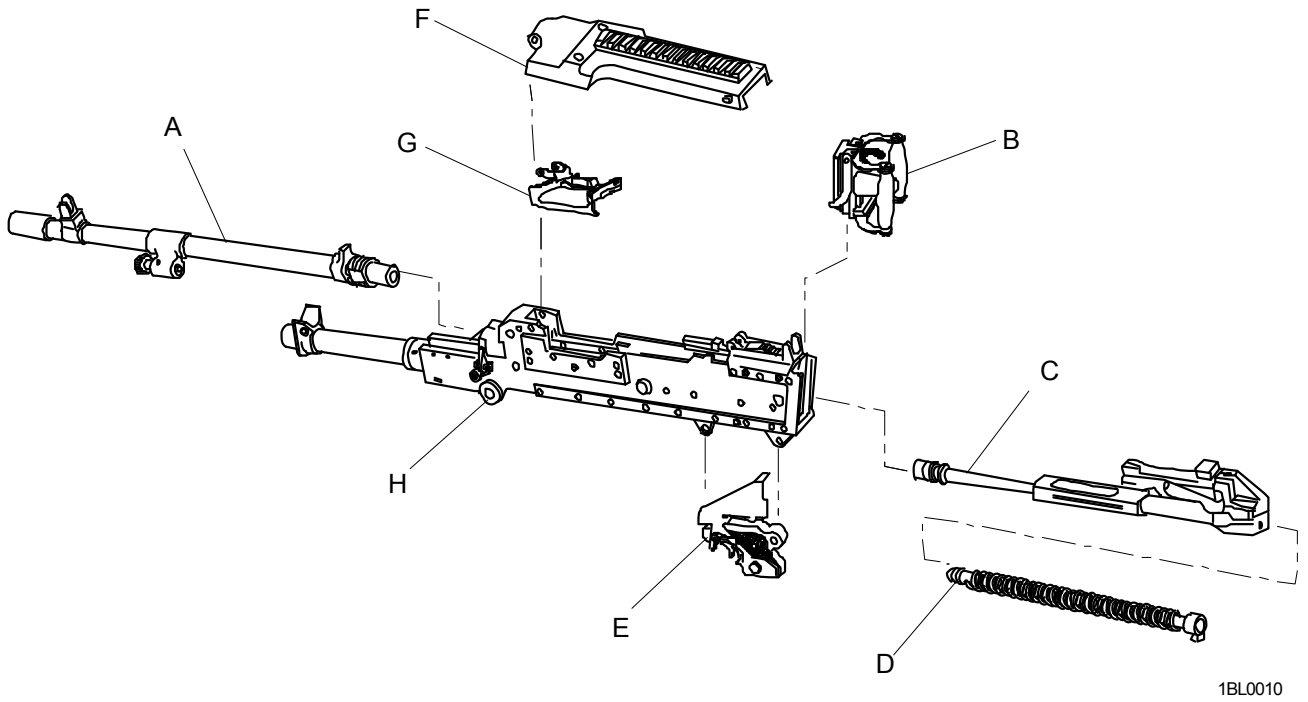
EQUIPMENT DESCRIPTION AND DATA (cont)



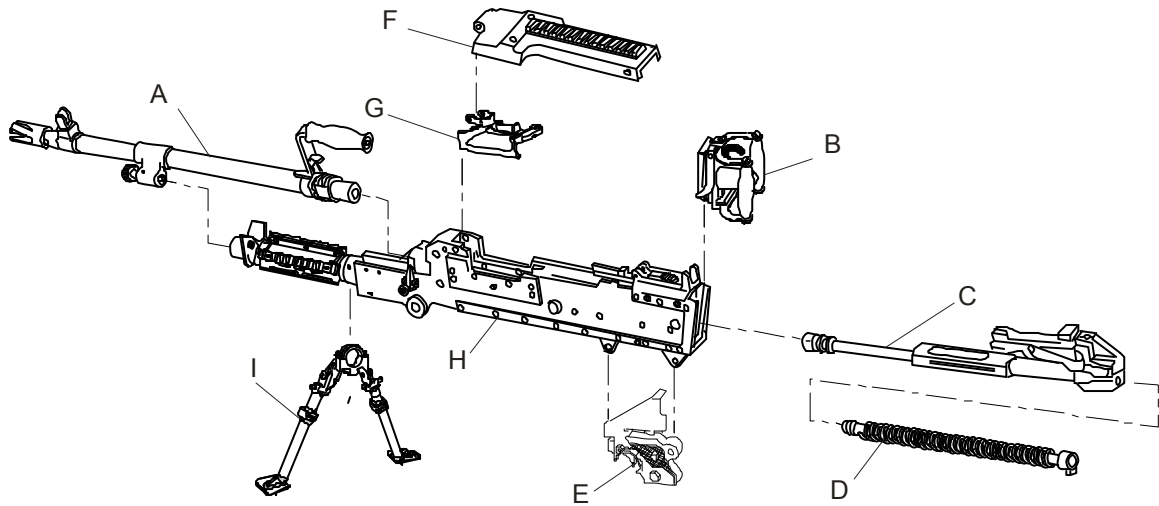
M240B/M240L Machine Gun



M240D Machine Gun

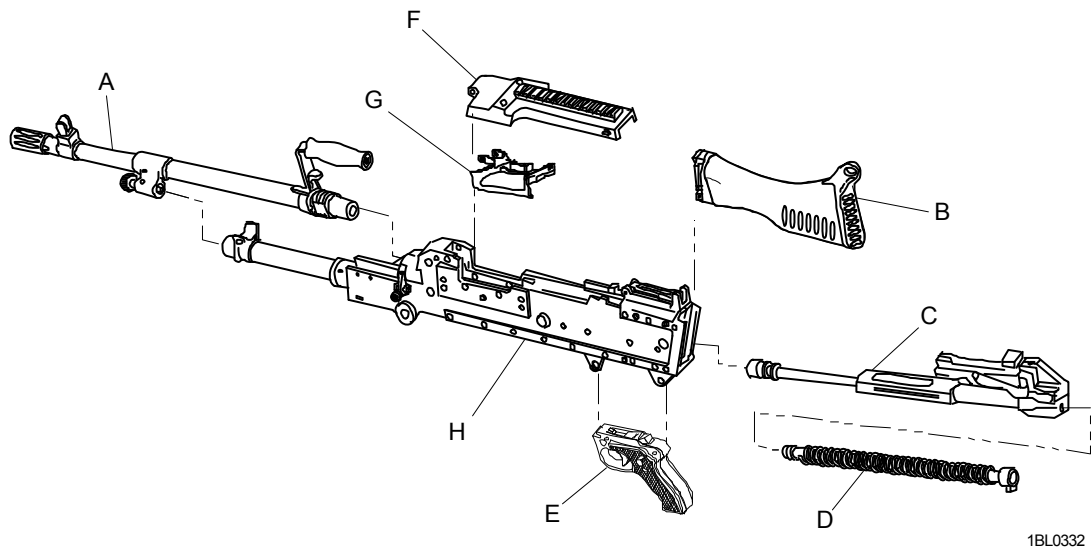


M240E1 Machine Gun



M240H Machine Gun

EQUIPMENT DESCRIPTION AND DATA (cont)



M240N Machine Gun

DIFFERENCES BETWEEN MODELS

	M240	M240B	M240C	M240D	M240E1	M240H	M240N	M240L
Feeds from the right			X					
Feeds from the left	X	X		X	X	X	X	
Bolt and Operating Rod Assembly (11826070)	X	X			X			
Bolt and Operating Rod Assembly (12976866)	X			X		X	X	X
Cover Assembly (11826165)	X*							
Cover Assembly (11826038)			X					
Cover Assembly (12977101)	X	X		X	X	X	X	
Receiver Assembly (11826192)	X		X					
Receiver Assembly (12597044)					X			
Receiver Assembly (12976834)		X						
Receiver Assembly (12977104)				X				
Receiver Assembly (12997566)								
Receiver Assembly (12999179)							X	
Receiver Assembly (13008744)						X		
Receiver Assembly (13016494)								X
Barrel Assembly (11825985)	X		X					

*Use cover assembly until exhausted.

	M240	M240B	M240C	M240D	M240E1	M240H	M240N	M240L
Barrel Assembly (12597035)					X			
Barrel Assembly (13008850)		X						
Barrel Assembly (12976818)				X		X		
Barrel Assembly (13008220)						X		
Barrel Assembly (13016469)								X
Trigger Assembly (11826230)	X		X					
Trigger Assembly (12597070)					X			
Trigger Assembly (13016484)								X
Trigger Housing Assembly (12976869)	X						X	
Trigger Housing Assembly (13008368)				X		X		
Buffer Assembly (11826211)	X		X					
Buffer and Spade Grip Assembly (12597057)				X	X	X		
Buttstock and Buffer Assembly (12988986)	X						X	X
Charger Cable (11826145)	X		X					
Manual Control Handle (12597045)					X			
Cocking Handle Assembly (12976835)							X	
Cocking Handle Assembly (12977105)				X				
Cocking Handle Assembly (12999956)	X					X		X

Procedures are written for the M240 machine gun but apply to all models except where noted. Do not mix and match parts listed for one model configuration on a different model.

EQUIPMENT DATA

Weight: 10.34 Kg (22.8 lbs) (M240/M240C)
 12.29 Kg (27.1 lbs) (M240B)
 10.39 Kg (22.9 lbs) (M240D)
 11.66 Kg (25.7 lbs) (M240E1)
 11.70 Kg (25.8 lbs) (M240H)
 10.12 Kg (22.3 lbs) (M240L)
 10.93 Kg (24.1 lbs) (M240N)

Rapid: 200 RDS/M (2-3 sec between bursts) – Change barrel every 2 minutes.

Rate of Fire: You get sustained and rapid rates through practice.

Cyclic: 650 to 950 RDS/M – Not intended to fire at 950 RDS/M. This will cause accelerated wear/damage to the barrel and rest of weapon.
 550-650 RDS/M – M240B/M240L/M240N with Hydraulic Buffer.

Sustained: 100 RDS/M (4-5 sec between bursts) – Change barrel every 10 minutes.

EQUIPMENT DESCRIPTION AND DATA (cont)

EQUIPMENT DATA (cont)

Range: Maximum range:..... 3,725 meters

Maximum effective (point):..... 800 meters M122A1 Tripod or M192 Tripod
(M240B/M240L)

Maximum effective (area):..... 1,800 meters with M122A1 Tripod or M192 Tripod
(M240B/M240L)

Tracer burnout: Approximately 900 meters

END OF WORK PACKAGE

THEORY OF OPERATION

All Models:

- Gas-operated – Recoils with gas-assist boost. Three gas settings to maintain a consistent rate of fire (with the exception of M240B/M240H).
- Positive Locking of Bolt Body – Firing pin is part of bolt and operating rod assembly, and cannot strike primer until bolt is fully locked.
- Fires from Open Bolt Position – Prevents explosion of cartridge (cook-off) after prolonged firing.

Mounted on a Coaxial Mount (M240/M240C):

- Fires parallel to turret main gun.
- No sights on barrel.
- Can be fired manually or electrically.
- Fired manually from turret ring mount (M240 with optical top cover).

Ground Mounted (M240B/M240L):

- Mounted on Tripod (M122A1/M192).
- Ground supported with integral bipod assembly.
- Has front and rear sights on machine gun and barrel.
- Optical accessory top cover and forward rail system.

Mounted on Exterior Pintle Location (M240D/M240H) (Aviation) and (M240E1):

- Mounted in Pintle socket.
- Front and rear sights on machine gun.
- Optical accessory top cover.
- Forward rail system (M240H).

Mounted on Special Purpose Mounts (M240N):

- Authorized use of right hand feed cover assembly, and tray as AAL to primary configuration.
- Front and rear sights on machine gun and barrel.
- Primary U.S. Navy small boat gun.
- Optical accessory top cover.

END OF WORK PACKAGE

CHAPTER 2
TROUBLESHOOTING PROCEDURES

FIELD TROUBLESHOOTING PROCEDURES

FIELD MAINTENANCE TROUBLESHOOTING

This work package contains field troubleshooting information for locating and correcting most of the operating troubles that may develop in the machine gun. Each malfunction for a part, assembly, or subassembly is followed by a list of tests or inspections, which will help you to determine corrective actions to take. You should perform the tests/inspections and corrective actions in the order listed.

This manual cannot list all possible malfunctions that may occur, nor all tests or inspections and corrective actions. A malfunction may not be listed (except when malfunction or cause is obvious) or corrected by listed corrective actions.

TROUBLESHOOTING PROCEDURES.

Refer to symptom index or troubleshooting table for malfunctions, tests/inspections, and corrective action.

SYMPTOM INDEX

Troubleshooting Procedure	Work Package/Page
Failure to chamber	WP 0004 00-2
Failure to cock or runaway gun	WP 0004 00-6
Failure to eject	WP 0004 00-5
Failure to extract	WP 0004 00-6
Failure to feed	WP 0004 00-4
Failure to fire	WP 0004 00-3
Gun ruptures cartridge cases	WP 0004 00-8
Safety does not function	WP 0004 00-8
Sluggish operation	WP 0004 00-3

FIELD TROUBLESHOOTING PROCEDURES (cont)

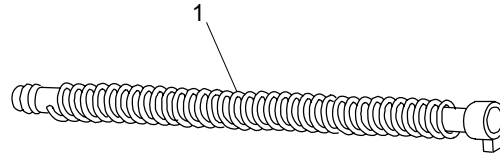
Table 1. TROUBLESHOOTING PROCEDURES

SYMPTOM

Failure to chamber.

MALFUNCTION

Driving spring rod assembly (1) damaged.



1BL0012

CORRECTIVE ACTION

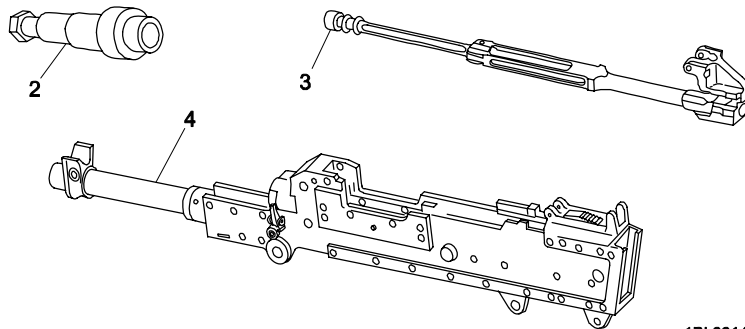
Replace driving spring rod assembly (1).

MALFUNCTION

Caked on carbon in gas plug (2), gas cylinder piston (3), or receiver (4).

CORRECTIVE ACTION

Remove carbon and clean (TM 9-1005-313-10).



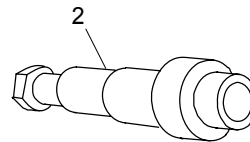
1BL0014

MALFUNCTION

Gas plug (2) damaged.

CORRECTIVE ACTION

Replace gas plug (2).



1BL0013

SYMPTOM

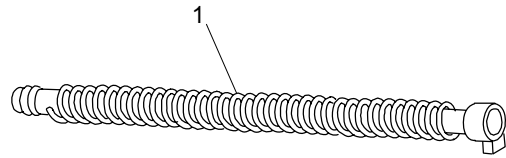
Failure to Fire.

MALFUNCTION

Driving spring rod assembly (1) damaged.

CORRECTIVE ACTION

Replace driving spring rod assembly (1).



1BL0012

MALFUNCTION

Bent, broken or damaged firing pin (2).

CORRECTIVE ACTION

Replace firing pin (2).



1BL0015

SYMPTOM

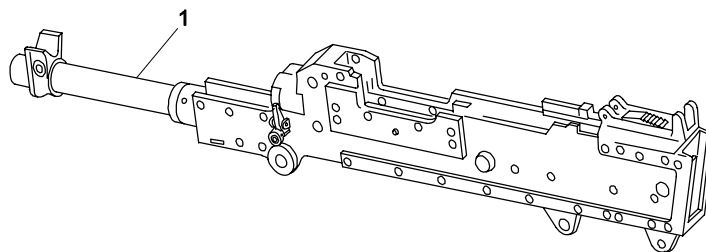
Sluggish operation.

MALFUNCTION

Receiver (1) dirty and/or lack of lubricant.

CORRECTIVE ACTION

Clean and lubricate (TM 9-1005-313-10).



1BL0016

MALFUNCTION

Loose rivets causing drag on bolt/operating rod assembly.

CORRECTIVE ACTION

Code out and turn in.

FIELD TROUBLESHOOTING PROCEDURES (cont)

SYMPTOM

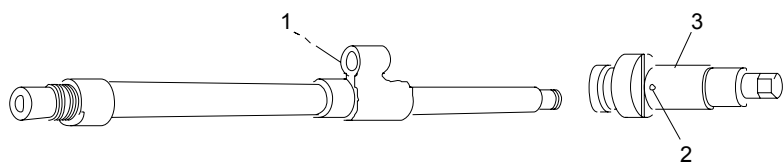
Failure to feed.

MALFUNCTION

Insufficient gas pressure.

CORRECTIVE ACTION

Clean gas port hole (1), gas inlets (2), and gas plug (3) (TM 9-1005-313-10).



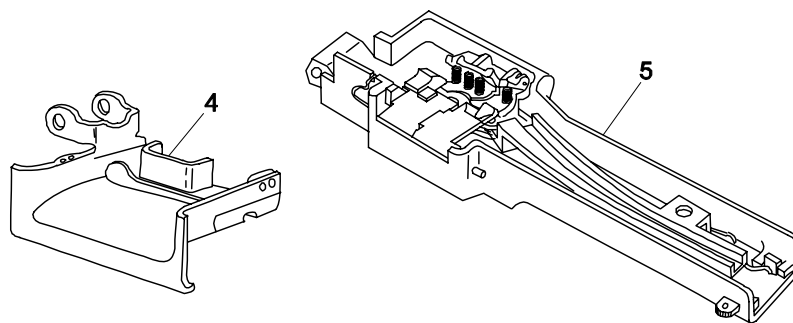
1BL0017

MALFUNCTION

Broken or damaged feed tray (4) and cover assembly (5).

CORRECTIVE ACTION

Replace feed tray/cover if defective. (Marine Corps repair at unit maintenance).



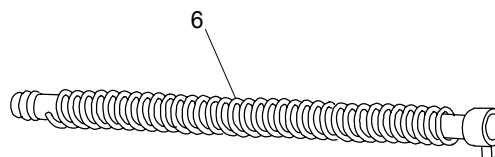
1BL0018

MALFUNCTION

Driving spring rod assembly (6) damaged.

CORRECTIVE ACTION

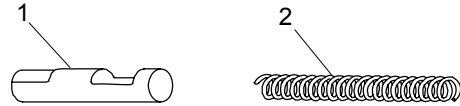
Replace driving spring rod assembly (6).



1BL0019

SYMPTOM

Failure to eject.



1BL0020

MALFUNCTION

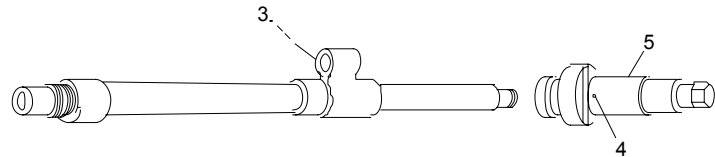
Frozen or damaged ejector (1) or ejector spring (2).

CORRECTIVE ACTION

Replace unserviceable parts.

MALFUNCTION

Insufficient gas pressure.



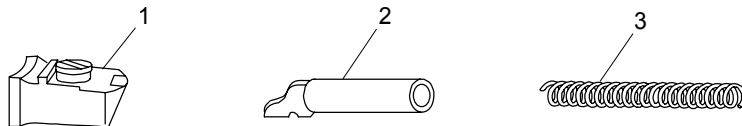
1BL0021

CORRECTIVE ACTION

Clean gas port hole (3), gas inlets (4), and gas plug (5) (TM 9-1005-313-10).

SYMPTOM

Failure to extract.



1BL0022

MALFUNCTION

Damaged or broken extractor (1), extractor plunger (2), or spring assembly (3).

CORRECTIVE ACTION

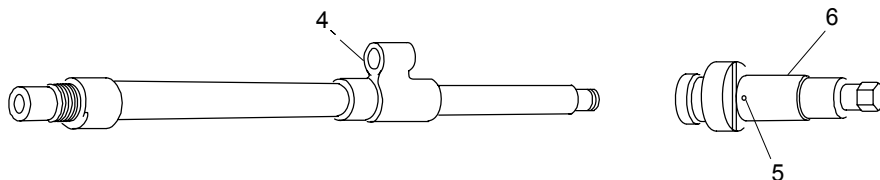
Replace unserviceable parts.

MALFUNCTION

Insufficient gas pressure.

CORRECTIVE ACTION

Clean gas port hole (4), gas inlets (5), and gas plug (6) (TM 9-1005-313-10).



1BL0023

FIELD TROUBLESHOOTING PROCEDURES (cont)

SYMPTOM

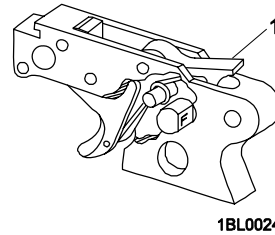
Failure to cock or runaway gun.

MALFUNCTION

Broken, stuck or worn sear (1).

CORRECTIVE ACTION

Replace defective parts.

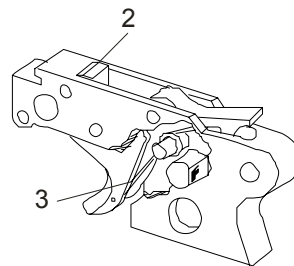


MALFUNCTION

Broken, stuck or worn tripping lever (2).

CORRECTIVE ACTION

Replace defective parts.



MALFUNCTION

Broken or damaged sear spring (3).

CORRECTIVE ACTION

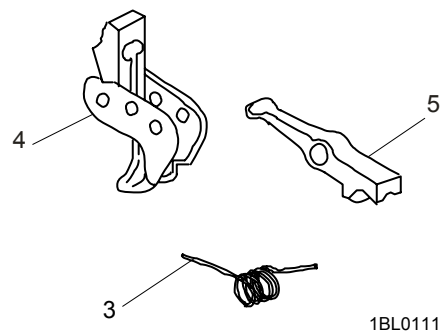
Replace defective parts.

MALFUNCTION

Defective or broken parts in trigger (4), sear (5), or sear spring (3).

CORRECTIVE ACTION

Replace trigger, sear, or sear spring (WP 0016 00 or WP 0017 00).

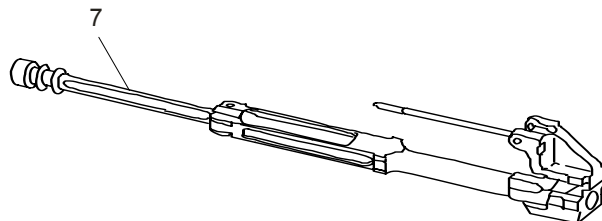


MALFUNCTION

Broken or damaged operating rod (7).

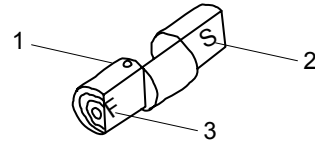
CORRECTIVE ACTION

Replace defective parts.



SYMPTOM

Safety does not function.



1BL0112

MALFUNCTION

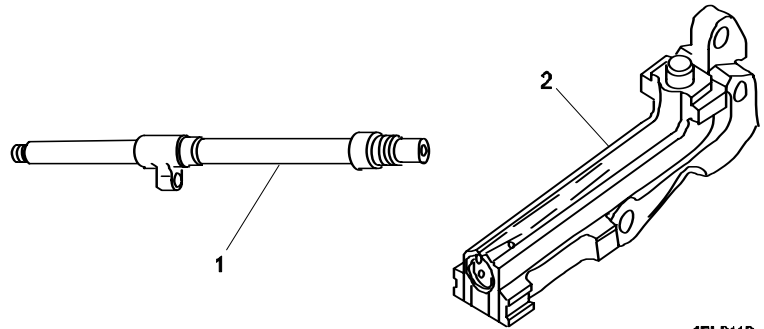
Safety (1) fails to hold positively in either the “S” (2) or “F” (3) position.

CORRECTIVE ACTION

Replace (WP 0016 00 or WP 0017 00).

SYMPTOM

Gun ruptures cartridge cases.



1BL0113

MALFUNCTION

Check headspace (WP 0027 00).

CORRECTIVE ACTION

Replace barrel (1) (WP 0008 00), bolt assembly (2) (WP 0015 00) or both. If weapon fails headspace test (WP 0027 00) after parts are replaced, the weapon is unserviceable.

NOTE

Both barrels and bolt assembly must accompany receiver when weapon is turned in.

Both barrels must pass headspace and erosion tests.

END OF WORK PACKAGE

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

GENERAL

- Perform PMCS every 90 days to keep the weapon ready for use.
- If the weapon has not been used for 90 days, PMCS in the operator’s manual (TM 9-1005-313-10) should also be performed.
- If you see rust or other signs of wear on a weapon, PMCS must be done immediately.

WARNING

Before starting an inspection, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Inspect the chamber to be sure that it is empty. Check to see that there are no obstructions in the barrel.

GENERAL: All small arms systems must be inspected and/or gaged at least once annually for safety and serviceability. Guard and reserve weapons are to be gaged and inspected at least every two years after initial gaging unless usage, deployment or other maintenance indicates need for a more frequent inspection/gaging. It is recommended that training unit weapons be inspected/gaged after every training cycle. Regardless of weapon ownership, initial gaging/inspection will be one year after receipt of new or overhauled weapon. The appropriate interval starts at this time.

Inspect all assemblies for missing, broken, or loose parts. Inspect parts for cracks, dents, burrs, excessive wear, rust, or corrosion. Make sure all parts are cleaned and lubricated (TM 9-1005-313-10). Do not use cleaning solvents or lubricants on any composite/rubber components. Inspect external surfaces for adequate finish. Refinish if necessary using solid film lubricant (item 6, WP 0065 00). Repair or replace authorized defective parts or notify direct support maintenance if repair or replacement is not authorized (WP 0031 00 through WP0060 00).

Air Force Only:

- Air Force personnel will follow the guidance in Air Force Instruction (AFI) 36-2226 in reference to inspection intervals.
- For all weapons used on USAF aircraft, the PMCS inspection must be performed every 90 days.
- Air Force Combat Arms personnel using the M240B will follow the guidance regarding inspection intervals outlined in AFI 36-2226 and Technical Order Operational Supplement 11W2-6-5-2-1.
- Air Force units utilizing any of the M240 series machine guns onboard aircraft will ensure all in-use machine guns are inspected, to include gaging, at least annually.
- Air Force Combat Arms personnel will complete the Supplemental Inspection Criteria as outlined in Air Force Operational Supplement 11W2-6-5-2-1 at 500 round intervals during force-on-force field training exercises or at the end of each student’s course of fire during qualification training. These procedures are only designed to identify a weapon potentially at risk of failure. This inspection should focus on checking the back plate assembly for excessive wear as described in the Supplemental Inspection Criteria, and do not require removing the buffer from the back plate assembly. If excessive wear is detected on the back plate assembly, take the weapon out of service and notify your MAJCOM Combat Arms Program Manager so they can coordinate with the USAF Small Arms Program Office for further disposition instructions for the weapon.

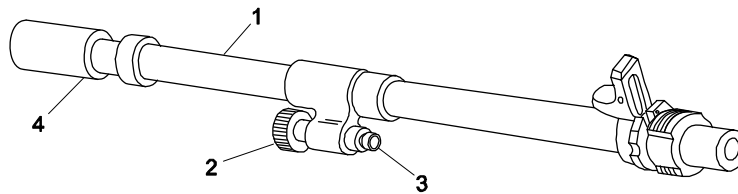
Table 1. FIELD PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
1			Machine Gun	Field strip weapon (TM 9-1005-313-10).	

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

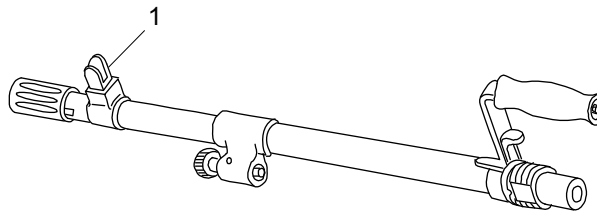
Table 1. FIELD PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
2			a. Barrel Assembly (all models)	<p>Check barrel (1) for bulges, bends, burrs, and obstructions or pits in chamber or bore. Disassemble (WP 0008 00), inspect, clean (if necessary) and reassemble collar (2) and plug (3). Make sure flash hider/suppressor (4) is fastened securely.</p> <p>Check for compliance with annual gaging requirements (headspace/barrel erosion). Ensure barrels are properly tagged as a set. Etching but no stamping on carrying handle is authorized.</p>	<p>Barrel has obstruction, bulge, excessive chamber or bore pitting.</p> <p>Required gaging has not been performed or no record of gaging having been performed can be found.</p>



			b. Barrel Assembly (M240B/M240D/M240E1/M240L/M240H/M240N)	<p>Inspect front sight (1) for looseness or any damage (bends).</p>	<p>Sight is loose, bent or missing.</p>
--	--	--	---	---	---

1BL0026

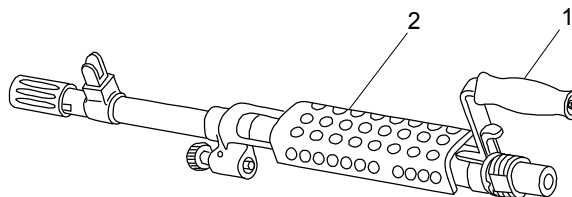


1BL0027

NOTE

Some heat distortion, charring, and cracks may be observed on the outer non-metallic portion of the heatshield; these are not cause for replacement unless they cause edges that can cut or enough plastic is displaced so as to allow contact with metal portions.

			c. Barrel Assembly (M240B/M240D/M240L/M240H/M240N)	<p>Inspect carrying handle assembly (1) for bent, broken, or missing parts. Assure heatshield (2) is present, remains retained on barrel assembly, and is not bent, broken or missing parts (M240B and M240L only).</p>	<p>Carrying handle or heatshield is broken or missing. Heatshield cannot be retained on barrel (M240B and M240L).</p>
--	--	--	--	---	---



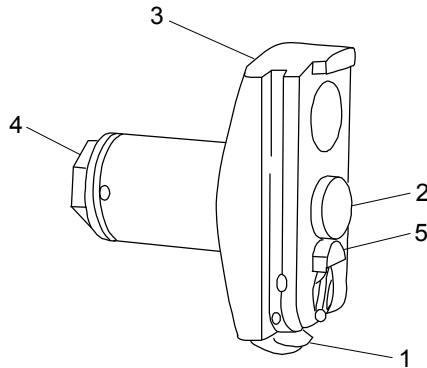
1BL0028

3

a. Buffer Assembly

Check for burrs or rough edges on mating grooves and flanges. Check to make sure that back plate latch (1) locks buffer assembly securely to receiver assembly. Make sure buffer plug (2) sticks out through back plate (3) and is flush or higher than the protrusion (5) below it. Make sure there is no rattling sound when buffer is shook or that the plug cannot rotate by finger pressure. Check for imprint or rear of operating rod on the buffer housing. Make sure machine plug (4) is tight.

Latch will not hold buffer assembly in receiver. Washers in buffer housing rattle. Buffer plug is not flush or above protrusion. Plug can be rotated with finger pressure.

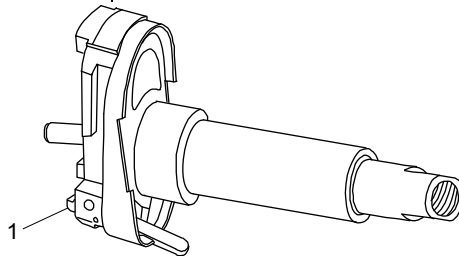


1BL0029

b. Hydraulic Buffer Assembly (M240B/M240L/M240N)

Check for burrs or rough edges on mating grooves and flanges. Check to make sure that back plate latch (1) locks buffer assembly securely to receiver assembly when installed. Check buffer for leaks. Check buffer for looseness in backplate.

Latch will not hold buffer assembly in receiver; buffer is loose in backplate, or leaking is found. Buffer shaft bent, cracked or mushroomed.

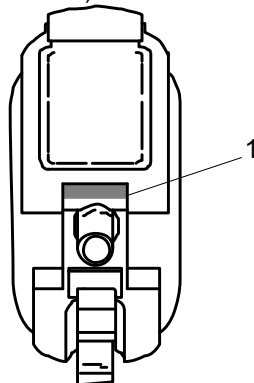


1BL0030

c. Hydraulic Buffer Housing (M240B/M240L/M240N)

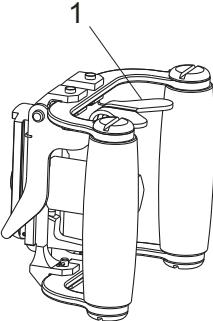
Check buffer housing for peening, cracking or damage to include finish missing from the buffer housing stop (1). Check buffer shaft for bends, mushrooming, peening and cracks on the face. Check shaft for oil residue. Work the buffer assembly to check for fluid leakage. Buffer shaft should depress smoothly without chatter and return promptly when released

Buffer housing is peened, cracked or damaged. Buffer shaft is bent, mushroomed, peened or cracked. If more than 1/8 inch of finish is missing from top edge of buffer housing stop (1). Buffer shaft actuates roughly or fails to return to full extended position. Buffer leaking around shaft.



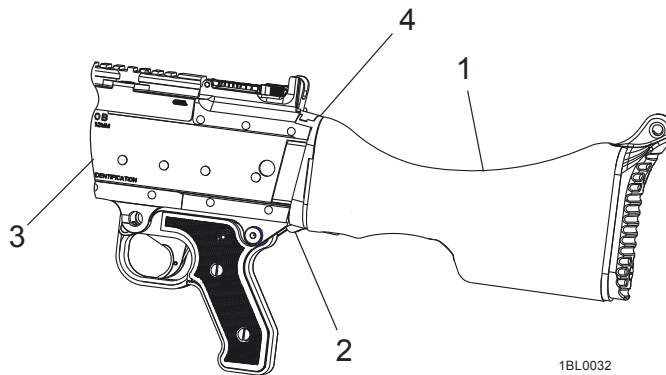
PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Table 1. FIELD PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
3 (cont)			<p>c. Buffer Assembly (M240D/ M240E1/ M240H)</p>  <p>d. Buttstock and Buffer Assembly (M240B/ M240L/ M240N)</p>	<p>Check for burrs or rough edges on mating grooves and flanges. Check to make sure that back plate latch (1) locks buffer assembly securely to receiver assembly when installed. Make sure buffer plug sticks out through back plate and is flush or higher than the protrusion below it. Make sure there is no rattling sound when buffer is shook or that the plug cannot rotate by finger pressure. Check for imprint of rear of operating rod on the buffer housing. Make sure machine plug is tight. Check trigger assembly (1) for movement. Check for proper spring tension.</p> <p>Inspect buttstock (1) for cracks. Check to make sure backplate latch (2) locks buttstock securely to receiver assembly (3) when installed. Check buttstock for looseness on buffer housing.</p> <p>Ensure buffer block (4) is firmly attached to buttstock (1).</p>	<p>Latch will not hold buffer assembly in receiver. Washers in buffer housing rattle. Buffer plug is not flush or above protrusion. Plug can be rotated with finger pressure. Weapon functions with safety at "S".</p> <p>Latch will not hold buttstock in receiver assembly. Buttstock is loose.</p> <p>Buffer is loose.</p>

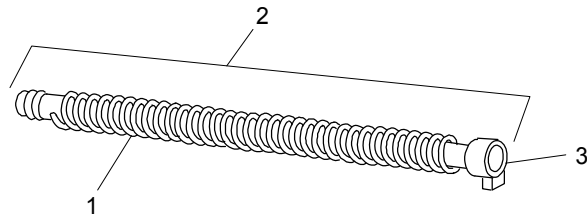
NOTE

Cracks may be observed on the outer non-metallic portions of the buttstock. These are not a cause for a replacement unless they cause edges that can cut or enough plastic is displaced so as to allow contact with skin.



1BL0032

4			Driving Spring Rod Assembly	<p>Check spring (1) for broken strands. Replace spring rod assembly (2) if two strands are broken on the same coil or three or more strands are broken, regardless of location, on the same spring. Make sure driving spring rod assembly (3) is not bent.</p>	<p>Two strands are broken on the same coil or three or more strands are broken in any location. Rod bent so as not to collapse and expand freely; or catches on spring.</p>
---	--	--	-----------------------------	--	---



1BL0033

5

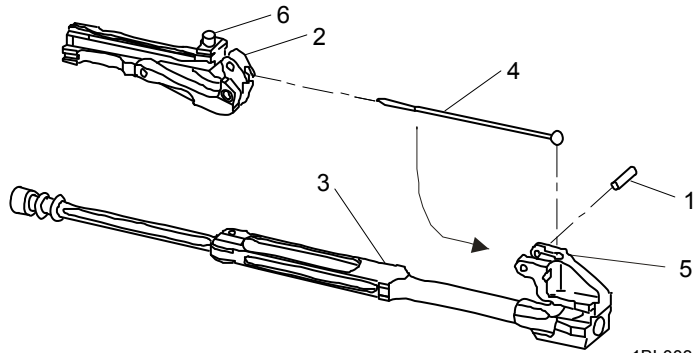
Bolt and Operating Rod Assembly

Remove pin (1) and bolt assembly (2) from operating rod assembly (3) (WP 0014 00). Check firing pin (4) to make sure it is straight and has a smooth, round tip. Make sure ball end is installed between spring pin (5) and bottom of groove. Clean and remove carbon, if necessary. Visually inspect bolt for cracks. Check roller (6) for spring action and freedom of movement. Reassemble pin (1) and bolt assembly (2) to operating rod assembly (3).

Firing pin is broken or distorted. Bolt is cracked; roller does not rotate freely. Spring does not return roller to upright position when depressed. Rivets not flush with surface, have in/out movement or are not retained in position.

NOTE

Always turn in both barrels with the weapon if turned in with bolt assembly problems.



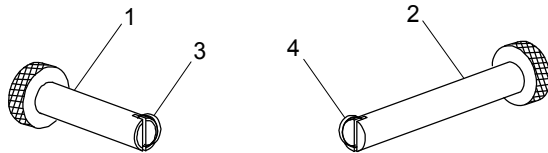
1BL0034

6

Trigger Spring Pin and Cover Hinge Spring Pin

Inspect trigger spring pin (1) and cover hinge spring pin (2) for bends, and for broken or missing springs (3 and 4). Replace pins (1 and 2) if they are bent or if the spring pins are missing.

Any part is broken, missing, or damaged.

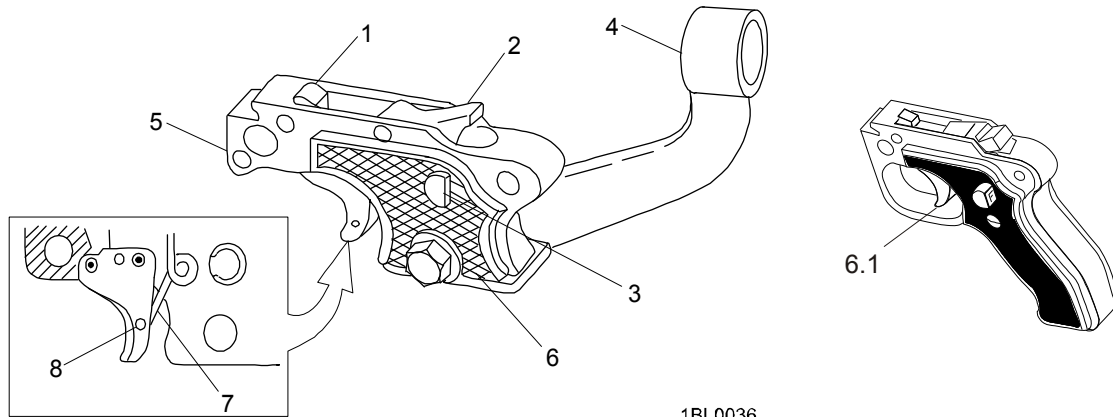


1BL0035

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

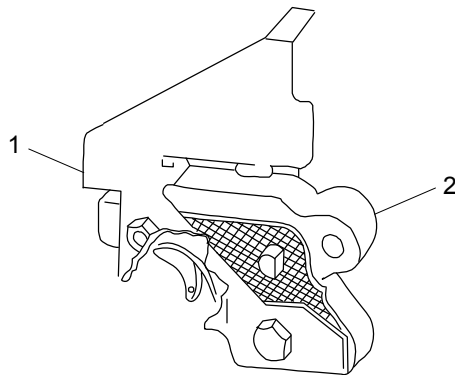
Table 1. FIELD PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
7			Trigger Housing Assembly	<p>Inspect tripping lever (1) and sear (2) for burrs on edges or shoulders. Push back on tripping lever to raise sear. Place safety (3) to safe "S". Pull trigger (6.1). Sear should not drop down far enough to lock in downward position. Place safety to fire "F". Pull trigger. Sear should drop down and lock in the downward position. Check for cracked grips. Check sear spring (7) to make sure the leg of the sear spring (7) is behind trigger pin (8) and not between the trigger and the pin.</p> <p>a. M240/M240C only: Make sure charger cable guide (4) is securely attached to trigger housing (5).</p>	<p>Weapon functions with safety on "S". Sear spring missing, bent, broken, or not properly installed. Grips are missing.</p> <p>Cable guide broken or missing.</p>



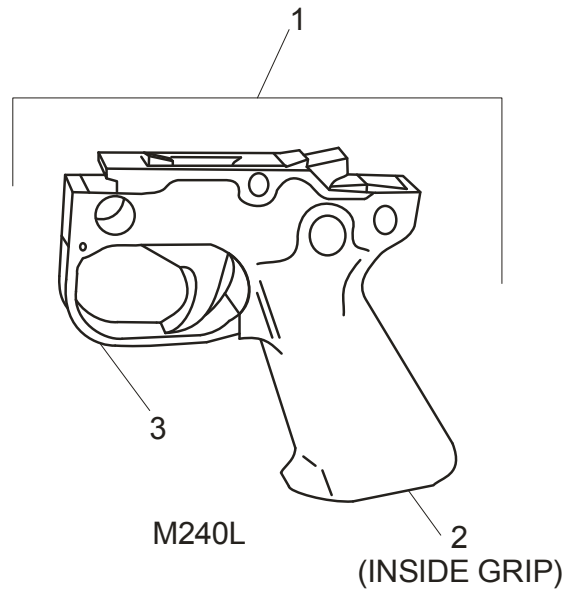
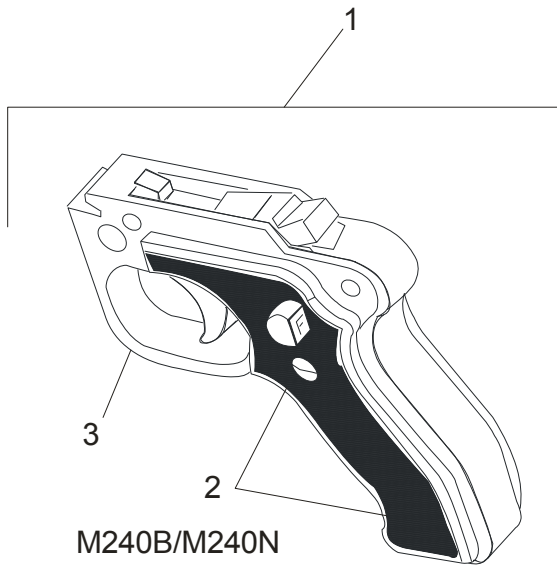
1BL0036

			<p>b. M240D/M240E1/M240H: Check that trigger actuating assembly (1) is securely attached to trigger housing assembly (2). Check that the trigger actuating assembly is not damaged.</p>	<p>Broken, damaged, or missing parts.</p>
--	--	--	---	---

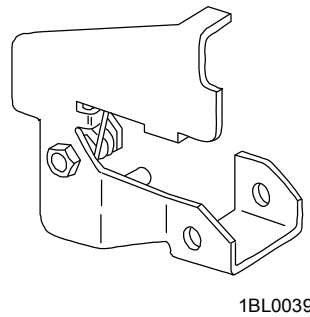


1BL0037

		<p>c. M240B/M240N: Check grip assembly (1) for loose or missing grip screws (2). Check trigger guard (3) for bends or cracks.</p> <p>d. M240L: Check grip assembly (1) for loose or missing grip bolt (2). Check trigger guard (3) for bends or cracks.</p>	<p>Grip screw(s) are missing. Trigger guard is missing or is bent to the extent that it causes interference with firing.</p> <p>Grip bolt is missing. Trigger guard is missing or is bent so that it causes interference with firing.</p>
--	--	---	---



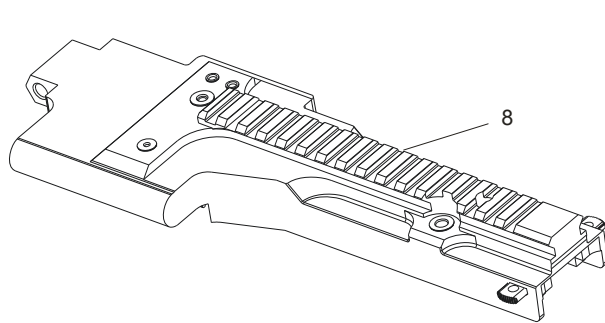
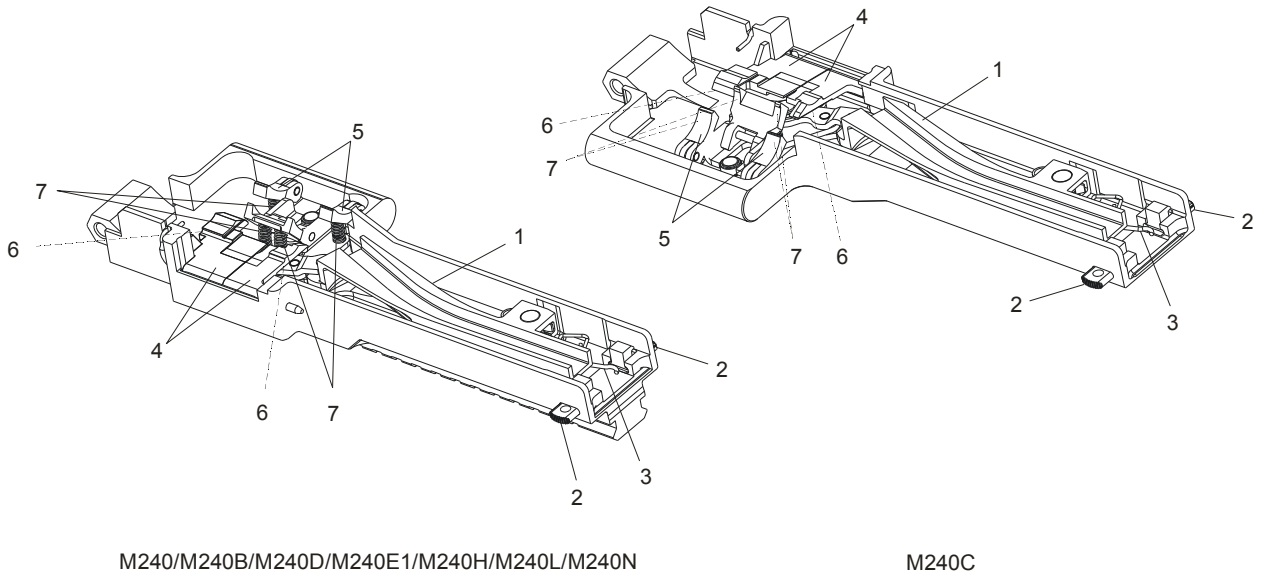
8		<p>Trigger Actuating Assembly (M240D/M240E1/M240H)</p>	<p>Check for proper spring action. Repair or replace unserviceable authorized components (WP 0018 00).</p>	<p>Broken, damaged, weak or missing parts.</p>
---	--	--	--	--



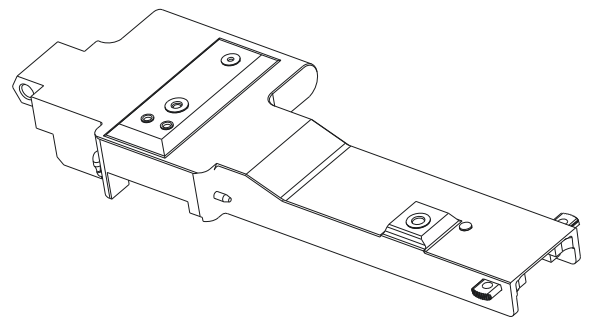
PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Table 1. FIELD PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
9			Cover Assembly	Check cover assembly for cracks or distortion. Pivot feed lever (1) back and forth to make sure the feed mechanism operates smoothly without binding. Push in on cover latches (2) to make sure retaining clip (3) is not weak or missing and cover latches (2) do not bind in the housing. Push down on cartridge guides (4) and feed pawls (5) to make sure springs (6 and 7) are not weak or missing. Inspect accessory mounting rail (8) for nicks or burrs. Top cover should be able to hold up it's own weight without added weight (M240/M240B/M240D/M240E1/M240L/M240H/M240N).	Cracks or distortion are present. Broken or missing parts or any part is damaged to the extent that it might cause malfunction. Replace top cover/cover detent if top cover does not hold its weight. Mounting rail will not accept optional sighting equipment (M240/M240B/M240D/M240E1/M240L/M240H/M240N).



TOP VIEW
M240/M240B/M240D/M240E1/M240H/M240L/M240N



TOP VIEW
NO RAIL ON M240C MODEL

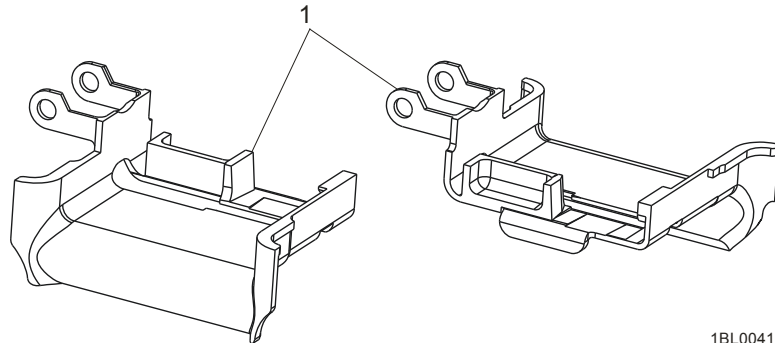
1BL0040

Change 3

Cover should be able to hold its own weight without falling.

Cover will not hold its weight (all M240 series weapons).

10		Feed Tray	Check feed tray (1) for cracks, deformation, broken welds, and loose rivets.	Cracked, deformed; broken welds or loose rivets.
----	--	-----------	--	--

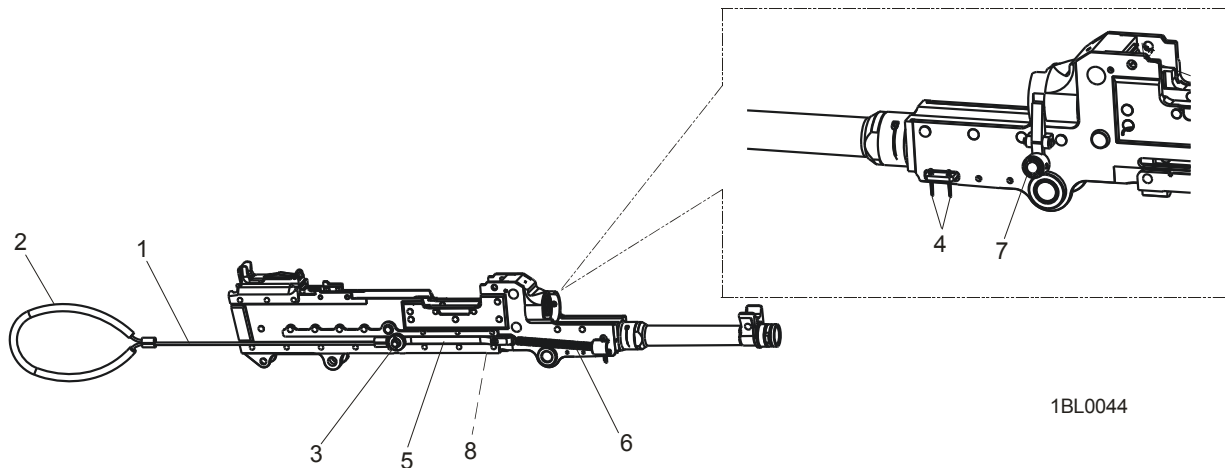


M240/M240B/M240D/M240E1/
M240L/M240H/M240N

M240C

1BL0041

11		Receiver Assembly (M240/M240C)	Check charger cable (1) for broken strands and for torn or missing rubber handle (2). Make sure charger slide pin (3) and spring plate cotter pins (4) are present and serviceable. Pull charger cable (1) to rear and slowly allow it to return to the forward position to make sure slide (5) does not bind in receiver extension spring (6) and is not weak. Push in on barrel locking latch (7) to make sure the latch spring is not missing or weak. Check receiver for loose or missing rivets. Check to make sure access cover (8) is in place in the bottom of the receiver (WP 0021 00). Clean receiver if necessary (TM 9-1005-313-10).	Broken, weak, or missing parts. Any binding occurs. Any rivets are loose or missing.
----	--	--------------------------------	---	--

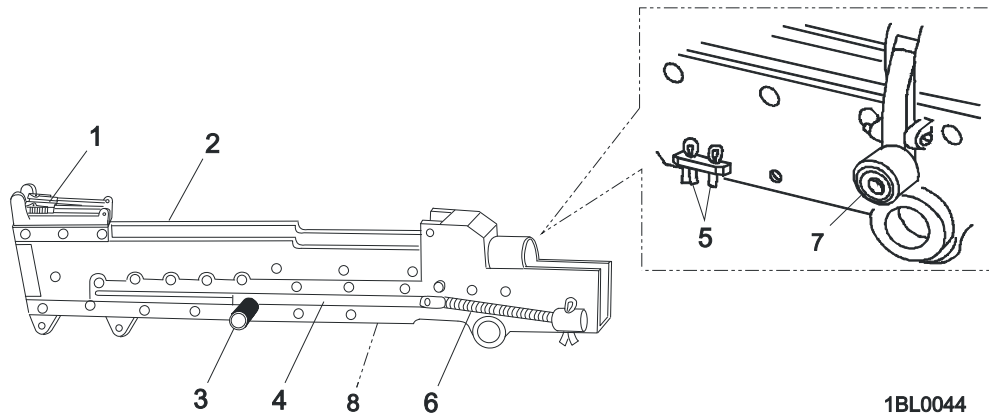


1BL0044

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Table 1. FIELD PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Item	Interval	Man-Hours	Item to be Checked	Procedures	Not Fully Mission Capable if:
11 (cont)			Receiver Assembly (M240B/M240D/M240E1/M240L/M240H/M240N)	Check receiver for loose (finger tight) or missing rivets. Check that rear sight assembly (1) is securely mounted to receiver assembly (2) and operates properly. Check that manual control handle (3) operates slide (4) properly. Make sure spring plate cotter pins (5) are present and serviceable (M240D/ M240E1/M240H). Pull manual control handle to rear and slowly allow it to return to the forward position to make sure slide (4) does not bind in receiver and extension spring (6) (M240D/M240E1/M240H) is not weak. Check for damaged or missing ejection port cover, spring and pin (M240B/M240L only). Push in on barrel locking latch (7) to make sure the latch spring is not missing or weak. Check to make sure access cover (8) is in place in the bottom of the receiver (WP 0021 00). Repair or replace all damaged authorized parts (WP 0021 00).	Any rivets are loose or missing on entire receiver; any of forward bolt rail rivets are loose. Broken, weak, or missing parts. Any binding occurs. Damaged or missing ejection port cover should be repaired/replaced as soon as possible; however, it does cause the weapon to be NMC (M240B/M240L only).



1BL0044

12

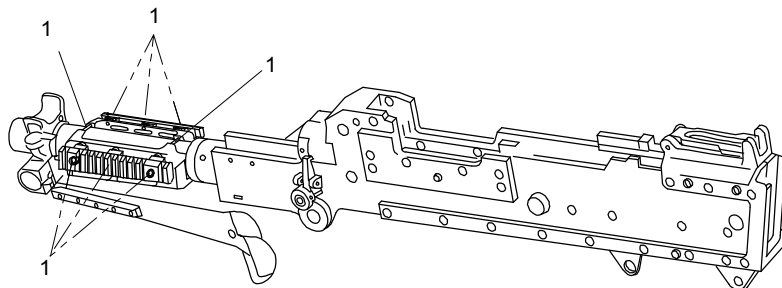
Receiver Assembly with Forward Rail (M240B/M240L/M240H)

Check assembly for cracks; broken, loose, or missing parts.

NOTE

M240B shown for illustration purposes.

Screws (1) loose or missing; body cracked or broken; rails cracked or broken, or won't accept optional devices.

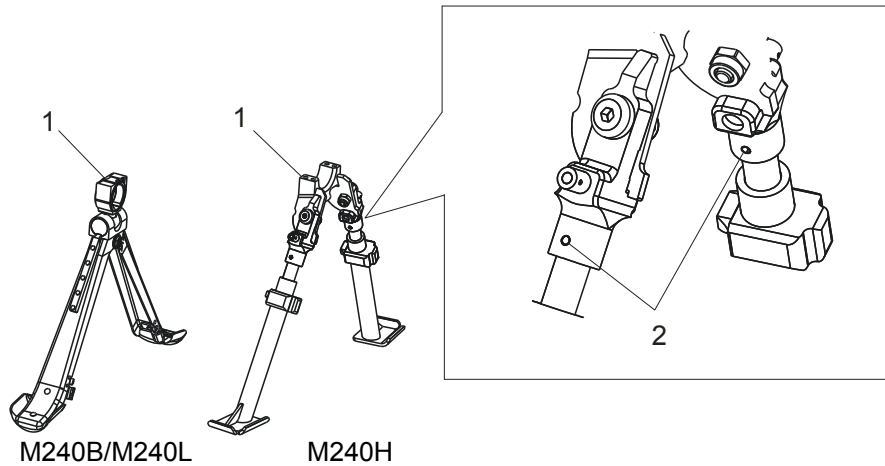


13

Bipod Assembly
(M240B/M240L/
M240H)

Check bipod legs (1) for cracks, twisted or incomplete assembly. Check bipod legs retaining pin for stake (M240H)

Cracked, twisted or missing parts. Legs do not release or lock into position. Stake retaining pin if missing. (M240H)



M240B/M240L

M240H

14

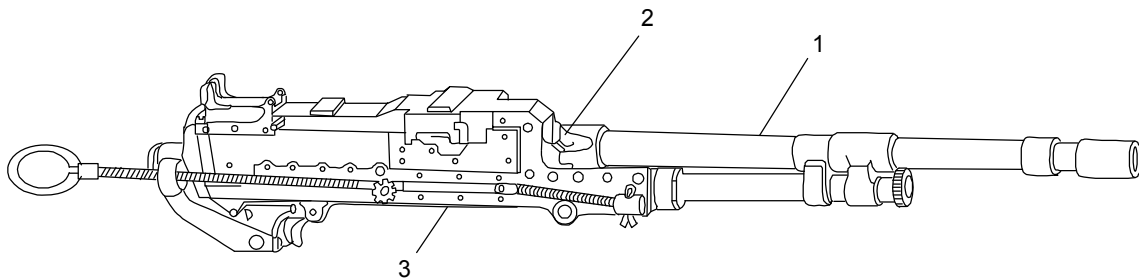
Machine Gun

Assemble weapon (TM 9-1005-313-10). Be sure parts are installed correctly and are in good working condition. When installing the barrel assembly (1) in the receiver (2), rotate the barrel release latch/carrying handle assembly (3) clockwise until it stops. Unlock and rotate counter-clockwise completely. While rotating clockwise, count the number of clicks until it stops. Fewer than 2 or more than 7 clicks indicate defective parts. (Make this check with spare barrel also.) Check weapon functioning with belted dummy ammo (TM 9-1005-313-10).

Fewer than 2 or more than 7 clicks when installing barrel assembly.

Initial gaging is required 1 year from receipt of new or overhauled weapons. Ensure that machine gun has been inspected/gaged within the last year. For Army Reserve and National Guard weapons, the period is 2 years unless inspection shows need for gaging more often due to usage or other factors.

Assigned/spare barrels are not headspaced and/or required tagging is missing. Gaging has not been performed or no record of gaging is available.



M240C

1BL0046

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

Table 1. FIELD PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)**NOTE**

Both barrels and bolt assembly must accompany receiver when weapon is turned in.

Solid Film Lubricant (SFL) is the authorized touchup for the M240 Series Machine Gun and may be used on up to one third of the exterior finish of the weapon receiver.

FOR CONUS USE ONLY: Solid Film Lubricant (item 6, WP 0065 00) may be used as a touchup without limitation on the receiver assembly. This is to say that the units which DO NOT fall under the category of Divisional Combat Units of rapid deployment type units may have up to 100% of the exterior surface of the receiver assembly protected with SFL. Prior to application of SFL, the surface must be thoroughly cleaned and inspected for corrosion and/or damage. If corroded or damaged, the part must be repaired or replaced prior to application of SFL. Continued use under combat conditions would result in an unprotected surface when the SFL wears off. This would result in a large light reflecting surface and accelerated deterioration of the unprotected surface. Therefore, Divisional Combat Units, and units that fall under the definition of Rapid Deployment type must adhere to the limitation of NOT over one third of their exterior receiver surface covered by SFL.

If M240 Series Machine Gun RECEIVER ASSEMBLY is missing one third or more of its exterior protective finish, resulting in an unprotected/light-reflecting surface, it is a candidate for overhaul. This missing finish will be considered a shortcoming. This shortcoming requires action to obtain a replacement weapon. Once a replacement has been received, evacuate the original weapon to depot for overhaul.

END OF WORK PACKAGE

SERVICE UPON RECEIPT

Table 1. SERVICE UPON RECEIPT OF MATERIEL

WARNING

Before starting an inspection, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Inspect the chamber to be sure that it is empty. Check to see that there are no obstructions in the barrel.

LOCATION ITEM		ACTION	REMARKS
1. Container	Basic Issue Items	Check unpacked equipment. <ul style="list-style-type: none"> Inspect the equipment for damage incurred during shipment. If the equipment has been damaged, report the damage on SF 364, Report of Discrepancy (ROD). Air Force personnel will submit a Supply Discrepancy Report (SDR) IAW guidance in TO 00-35D-54. Check the equipment against the packing slip to see if the shipment is complete. Report all discrepancies in accordance with instructions of DA PAM 750-8, The Army Maintenance Management System (TAMMS) Check to see whether the equipment has been modified. 	TM 9-1005-313-10
2. Machine Gun	Barrel Assembly	<ul style="list-style-type: none"> Remove volatile corrosion inhibitor (VCI) from barrels. Discard. Tag both barrels and receiver as a set. 	TM 9-1005-313-10
Machi	ne Gun	<ul style="list-style-type: none"> Field strip machine gun and inspect for missing parts. Clean and lubricate. Reassemble. Function using belted dummy cartridge. 	TM 9-1005-313-10

END OF WORK PACKAGE

FIELD MAINTENANCE OF M240 SERIES MACHINE GUN

M240, NSN 1005-01-025-8095, PN 11826290; M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175; M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033; M240H, NSN 1005-01-518-2410, P/N 13005478; M240L, NSN 1005-01-549-5837, PN 13016466; M240N, NSN 1005-01-493-1666, PN 12999178

This task covers: a. Disassembly b. Inspection c. Repair d. Reassembly

INITIAL SETUP

Materials/Parts Mat

- Cleaner, lubricant and preservative (CLP), Weapons (item 1, WP 0065 00)
- Crocus cloth, abrasive (item 3, WP 0065 00)
- Cleaning solvent (item 4, WP 0065 00)
- Solid film lubricant (item 6, WP 0065 00)
- Solvent cleaning compound (RBC) (item 2, WP 0065 00)

Materials/Parts (cont)

- lubricating oil (as required)
- Wiping rag (item 11, WP 0065 00)

References

TM 9-1005-313-10

NOTE

When a machine gun is received for maintenance all gaging requirement compliance dates must be checked, and ensure the barrels are tagged to the receiver. In addition, complete inspection must be performed. Both barrels and bolt assembly must accompany receiver when weapon is turned in for maintenance. Do not mix lubricants on the weapon. The weapon must be thoroughly cleaned during change from one lubricant to another. Cleaning solvent (item 4, WP 0065 00) is authorized for cleaning during change from one lubricant to another.

Do not mix lubricants on the same weapon. The weapon must be thoroughly cleaned during change from one lubricant to another. Cleaning solvent (item 4, WP 0065 00) is recommended for cleaning during change from one lubricant to another.

Under all but the coldest of artic conditions, LSA (item 9, WP 0065 00), CLP (item 1, WP 0065 00) or LSA-T (item 10, WP 0065 00) (Marine Corps only), are the lubricants to use on your machine gun. For extreme cold conditions (0° or below) LAW (item 8, WP 0065 00) is the recommended lubricant.

All gaging requirements must be checked as a standard maintenance procedure.

Both barrels and bolt assembly must accompany receiver when weapon is turned in.

DISASSEMBLY

WARNING



Accidental firing of the weapon could cause injury or death. Make certain weapon is cleared and that there is no obstruction in the barrel or chamber.

Fieldstrip the weapon (TM 9-1005-313-10).

Remove dirt and corrosion or powder residue from parts with wiping rag (item 11, WP 0065 00) dampened with RBC/CLP (item 1 and item 2, WP 0065 00). Lightly lubricate as required.

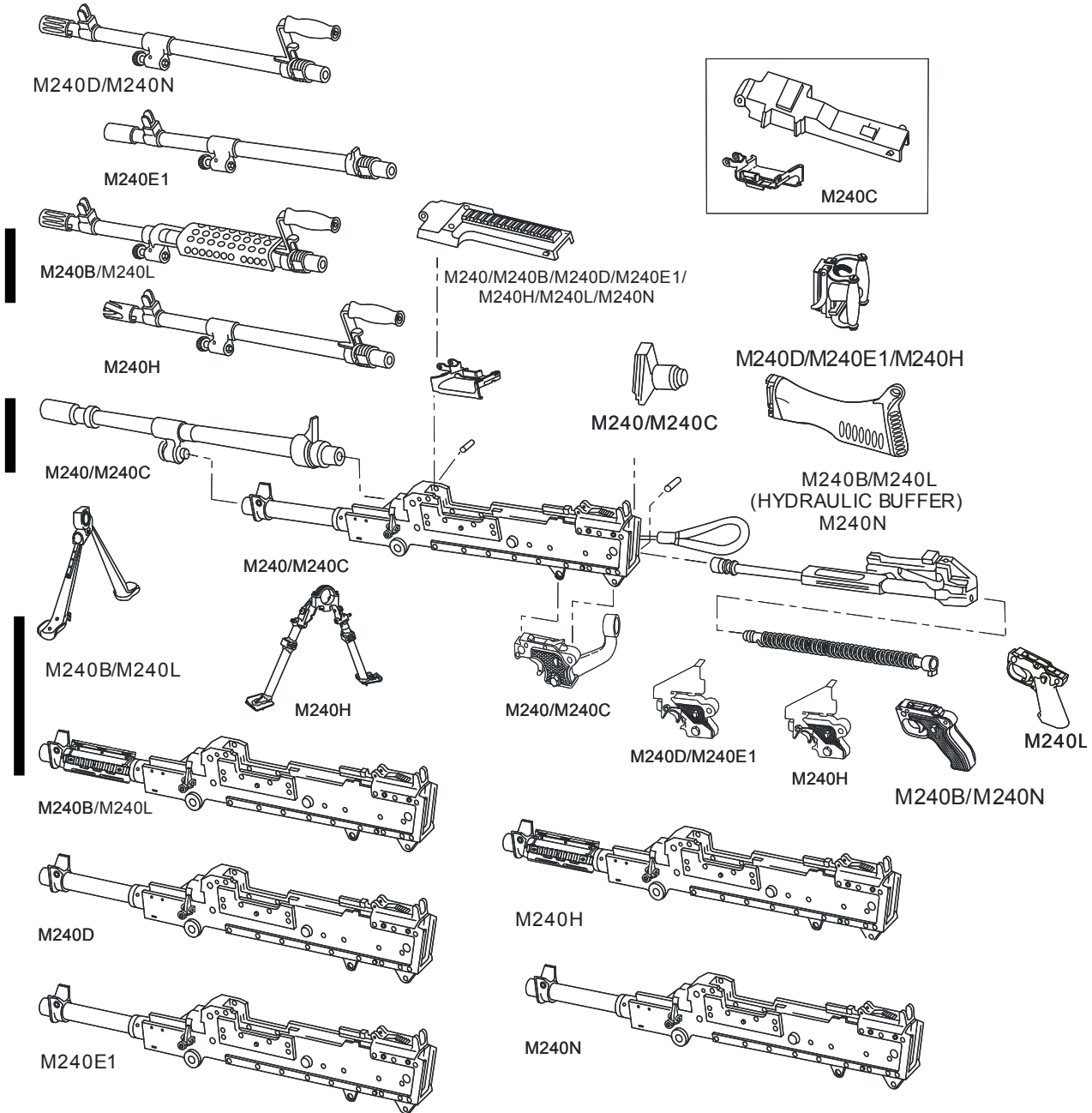
FIELD MAINTENANCE OF M240 SERIES MACHINE GUN

M240, NSN 1005-01-025-8095, PN 11826290; M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175; M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033; M240H, NSN 1005-01-518-2410, P/N 13005478; M240L, NSN 1005-01-549-5837, PN 13016466; M240N, NSN 1005-01-493-1666, PN 12999178 (cont)

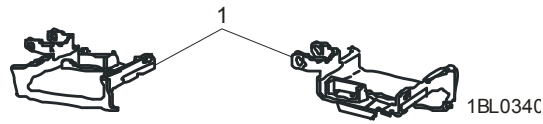
INSPECTION

Visually inspect parts/assemblies for damage. See appropriate maintenance work package for repair.

Inspect external surfaces for proper finish (black surfaces should not reflect light). See appropriate maintenance procedure for refinishing instructions.

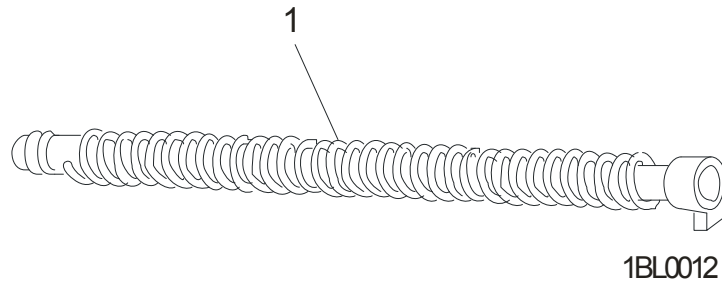


Inspect feed tray (1) for cracks or breaks. Replace feed tray (1) if damaged. If your feed tray (1) has rivets, ensure all are secure. If rivets are loose or missing, replace feed tray.

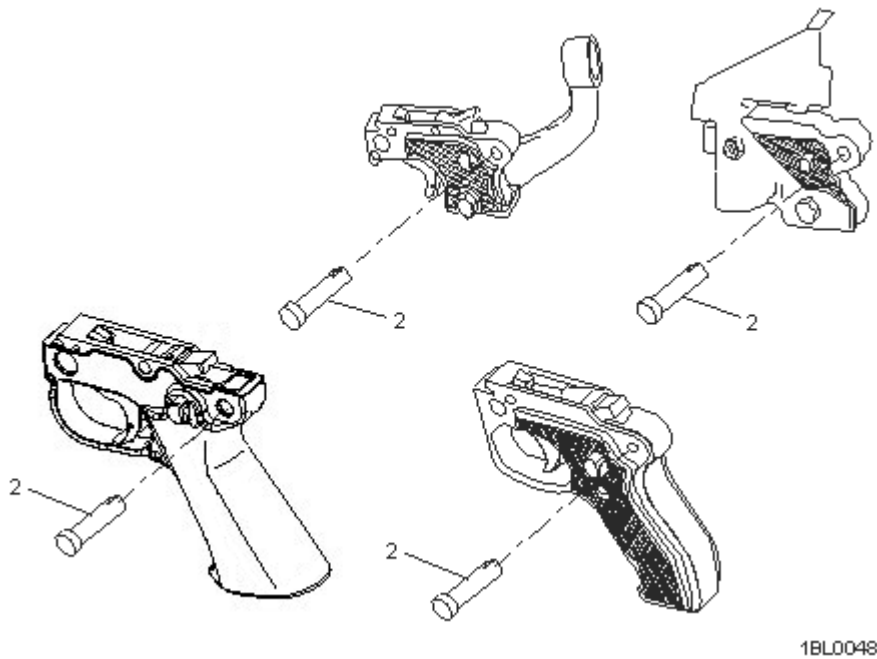


REPAIR

Replace driving spring rod assembly (1) if two or more strands are broken on the same coil, or if there are three or more broken strands, regardless of location, on the spring.



Replace trigger spring pin (2) if it is bent or if spring portion of pin is damaged.

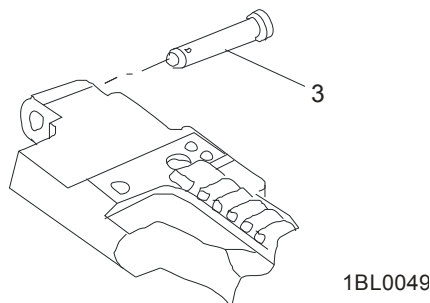


FIELD MAINTENANCE OF M240 SERIES MACHINE GUN

M240, NSN 1005-01-025-8095, PN 11826290; M240B, NSN 1005-01-412-3129, PN 12976814;
M240C, NSN 1005-01-085-4758, PN 11826175; M240D, NSN 1005-01-418-6995, PN 12977099;
M240E1, NSN 1005-01-252-4288, PN 12597033; M240H, NSN 1005-01-518-2410, P/N 13005478;
M240L, NSN 1005-01-549-5837, PN 13016466; M240N, NSN 1005-01-493-1666, PN 12999178 (cont)

REPAIR (cont)

Replace cover hinge spring pin (3), if bent or damaged.

**CAUTION**

Clean rusted and/or shiny surfaces with crocus cloth (item 3, WP 0065 00). Wash thoroughly with cleaning solvent (item 4, WP 0065 00). Do not mix lubricants on the same weapon. The weapon must be thoroughly cleaned with cleaning solvent before changing lubricants.

For baked-on carbon use solvent cleaning compound (RBC) (item 2, WP 0065 00) on machine gun and wipe dry.

CAUTION

If solid film lubricant comes in contact with any internal or moving part, clean part with RBC.

To all external surfaces showing wear, clean thoroughly with cleaning solvent (item 4, WP 0065 00) and dry completely. Apply solid film lubricant (item 6, WP 0065 00) and allow 12 hours to air dry before using weapon.

REASSEMBLY

Reassemble in accordance with (TM 9-1005-313-10).

Function check machine gun using dummy ammo (TM 9-1005-313-10).

END OF WORK PACKAGE

FIELD MAINTENANCE OF BARREL ASSEMBLY

**M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 13008850;
M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220;
M240L, NSN, N/A, PN 13016469**

This task covers: a. Testing b. Disassembly c. Inspection/Repair d. Reassembly

INITIAL SETUP**Tools and Special Tools**

Breech bore erosion gage, PN 11826298
Gas Port Erosion Tool, (item 14, WP 0064 00)
Muzzle and breech bore wear gage,
PN 11826276
Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)
Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;

Materials/Parts

Spring, pin, PN MS16562-122

Equipment Condition

Barrel removed from receiver
(TM 9-1005-313-10).

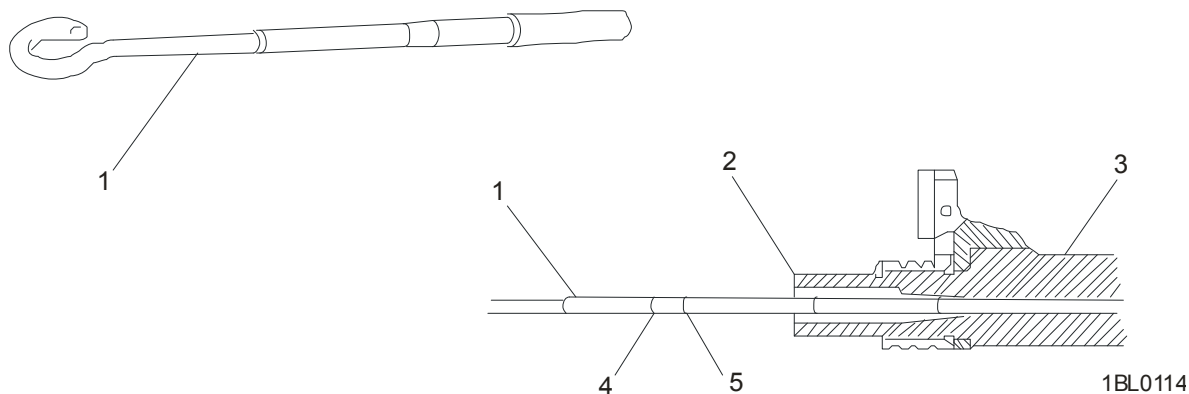
TESTING**NOTE**

Replacement of barrel assembly or barrel adapter requires gaging (WP 0027 00).

A clean bore is not necessarily a shiny bore and frequently it may have a dull gray appearance. A shiny, polished bore may indicate abrasives have been used. Abrasives will NOT be used on the bore, piston or inside of the gas cylinder.

Gently but firmly insert breech bore erosion gage (1) into breech end (2) of barrel (3) as far as it will go.

Read gage (1) at the end of barrel breech (2). Replace barrel (3) if the reject mark (4) on the gage enters the breech. The barrel is not suitable for overseas shipment if the reading exceeds the preembarkation warning mark (5).



FIELD MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 13008850;

M240D/M240N, NSN 1005-01-408-5897, PN 12976818;

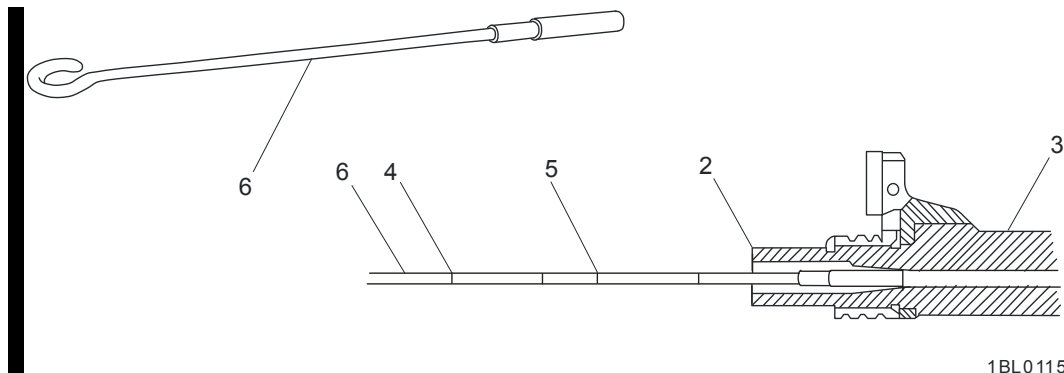
M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220;

M240L, NSN, N/A, PN 13016469 (cont)

TESTING (cont)

Use muzzle and breech bore wear gage (6) to test barrel (3). Gently but firmly insert gage (6) into breech end (2) of barrel (3) as far as it will go.

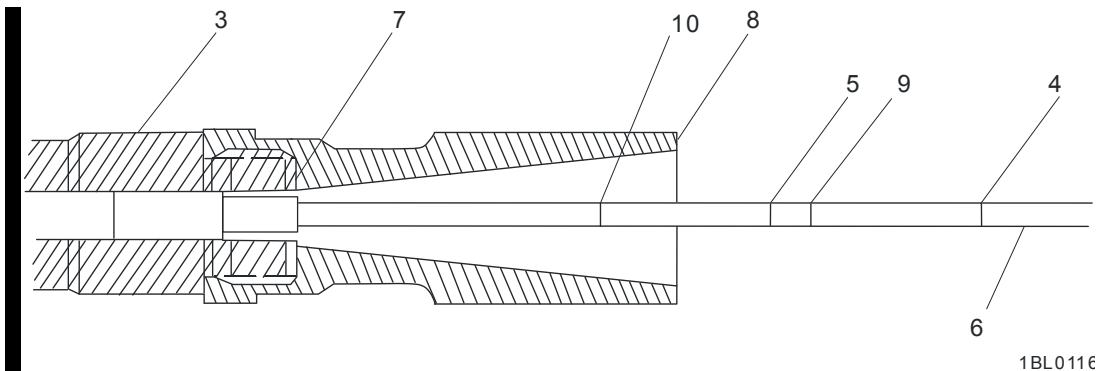
Read muzzle and breech bore wear gage (6) at the end of barrel breech (2). Replace barrel (3) if the rejection mark (4) on gage (6) enters the breech. The barrel is not suitable for overseas shipment if the reading exceeds the preembarkation warning mark (5).



Gently but firmly insert muzzle and breech bore wear gage (6) into the muzzle end (7) of barrel (3) as far as it will go.

Read muzzle and breech bore wear gage (6) at the end of flash hider/suppressor (8). Replace barrel (3) if:

- (M240/M240C/M240E1): Rejection mark (4) on gage (6) enters flash hider/suppressor (8). The barrel is not suitable for overseas shipment if the reading exceeds preembarkation warning mark (5).
- (M240B/M240D/M240H/M240L/M240N): Rejection mark (9) on gage (6) enters flash hider/suppressor (8). The barrel is not suitable for overseas shipment if the reading exceeds preembarkation warning mark (10).



DISASSEMBLY

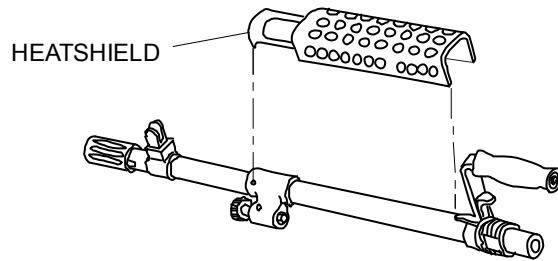
CAUTION

Replacement of barrel assembly or barrel adapter requires gaging (WP 0027 00).

NOTE

Do not remove liner from heat shield.

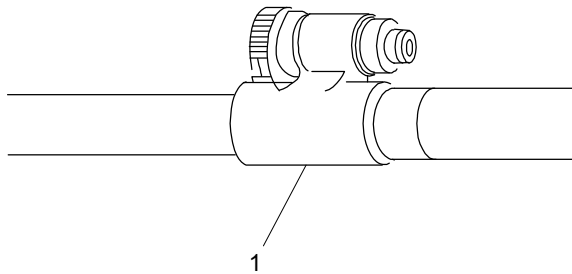
Remove heat shield from barrel (M240B/M240L only).



1BL0050

NOTE

Clamp on gas port area (1) only.

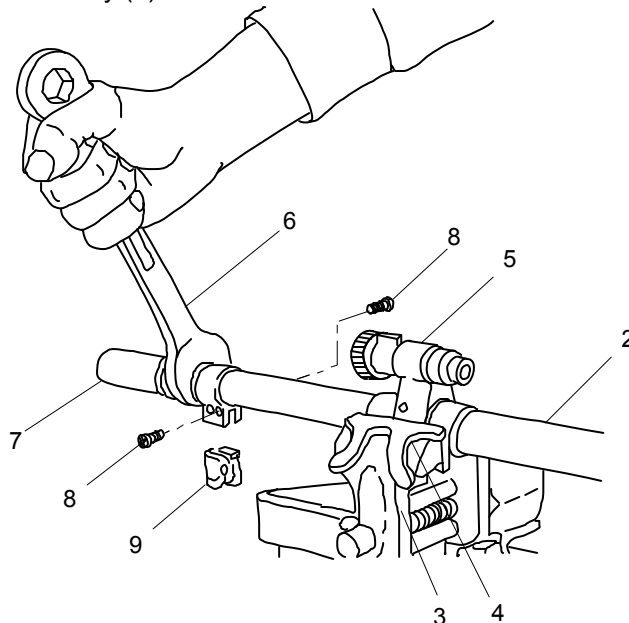


1BL0117

Secure barrel assembly (2) in a vise (3) with protective jaws (4) with gas regulator (5) up.

Use 23mm box and open end combination wrench (6) to remove flash hider/suppressor (7).

(M240B/M240D/M240E1/M240H/M240L/M240N): If necessary, remove two front sight adjusting screws (8) and front sight assembly (9).



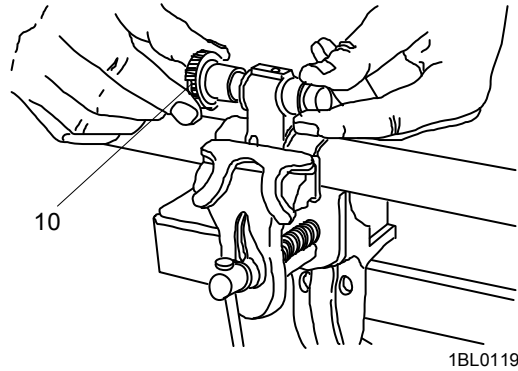
1BL0118

FIELD MAINTENANCE OF BARREL ASSEMBLY

**M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 13008850;
M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220;
M240L, NSN, N/A, PN 13016469 (cont)**

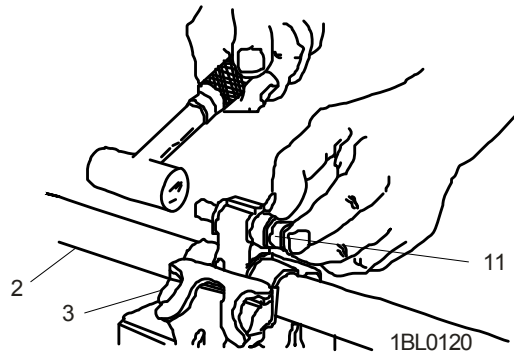
DISASSEMBLY (cont)

Rotate collar (10) until it releases, and then pull it out.

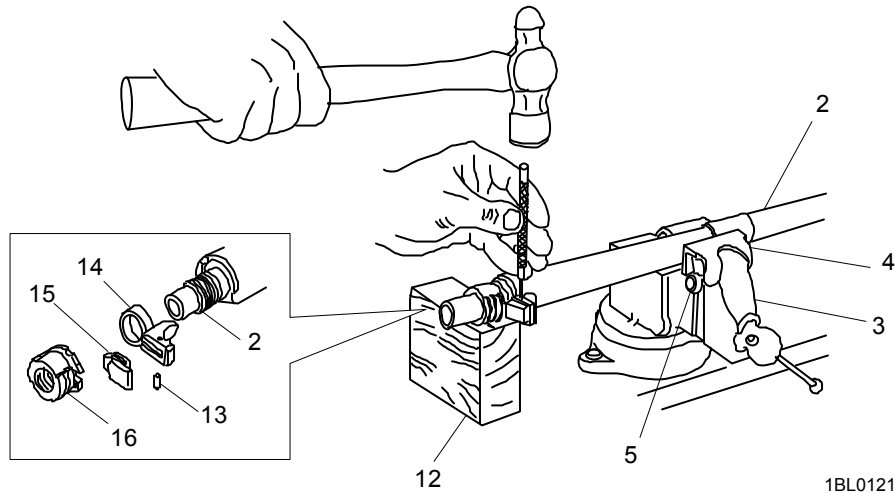


Drive out plug (11) and be ready to catch it to prevent damage.

Remove barrel (2) from vise (3).



Clamp barrel assembly (2) in vise (3) with protective jaws (4) above the gas regulator area with gas regulator (5) pointed down. Place a block of wood (12) as shown to steady barrel assembly (2).

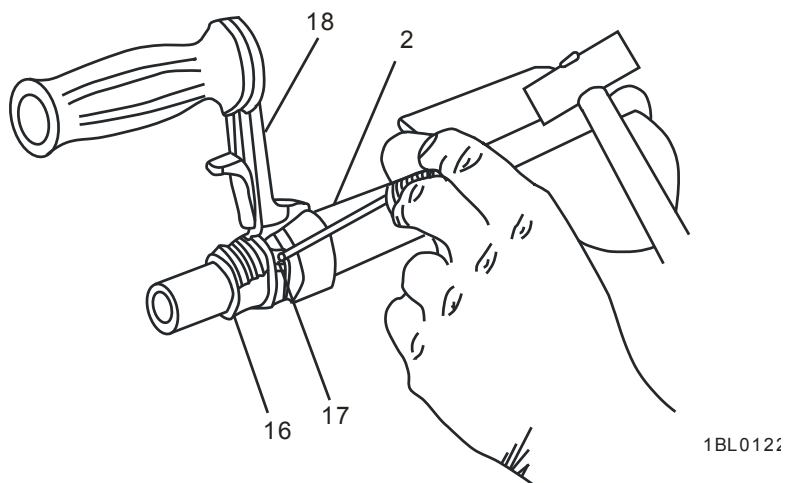


NOTE

Barrel and barrel adapter have left-hand threads.

(M240/M240C/M240E1): Drive spring pin (13) out of barrel release (14). Move barrel release latch (15) to stop. Unscrew barrel adapter nut (16) (left-hand thread). Remove barrel release (14) from barrel assembly (2). Remove barrel release latch (15) from barrel release (14). Discard spring pin (13).

(M240B/M240D/M240H/M240L/M240N): Drive barrel nut locking pin (17) out of barrel adapter nut (16) until it is flush with the edge of the barrel adapter nut (move carrying handle assembly (18) to stop for easier access to pin). Unscrew barrel adapter nut (16) (left-hand thread). Remove carrying handle assembly (18) from barrel assembly (2). Remove carrying handle assembly (18) simply by sliding it out of its groove.

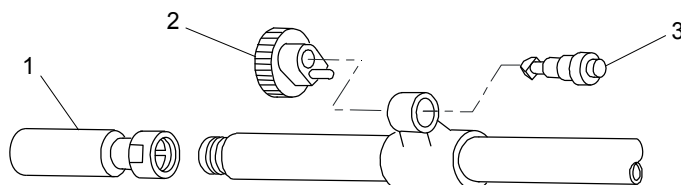
**INSPECTION/REPAIR**

Inspect flash hider/suppressor (1), collar (2) and plug (3) for dents or burrs. Replace if damaged.

(M240B/M240H/M240L) (Army only): Remove carbon and clean (TM 9-1005-313-10). Attempt to insert gas port erosion tool (item 14, WP 0064 00) into gas inlet hole of plug to ensure hole is not oversized. If tool passes into #1 hole or is enlarged or out of round, replace the plug. The #1 gas port on other M240 series weapons can be checked using this tool. Rejection criteria is the same.

NOTE

The Gas Port Erosion Tool is black oxide coated as corrosion preventative and as a wear indicator. When coating is worn (shiny) on both ends, replace the tool.

**NOTE**

Barrel may be removed from vise to determine the serviceability of the barrel.

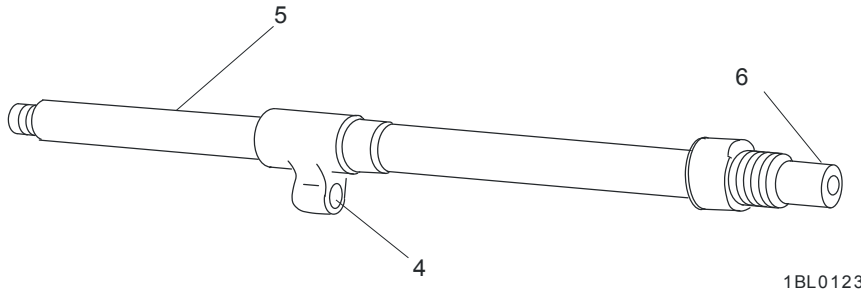
FIELD MAINTENANCE OF BARREL ASSEMBLY

M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 13008850;
 M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
 M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220;
 M240L, NSN, N/A, PN 13016469 (cont)

INSPECTION/REPAIR (cont)

Inspect for foreign matter in gas port (4) of barrel (5).

- Inspect gas port (4) and breech (6) for burrs.

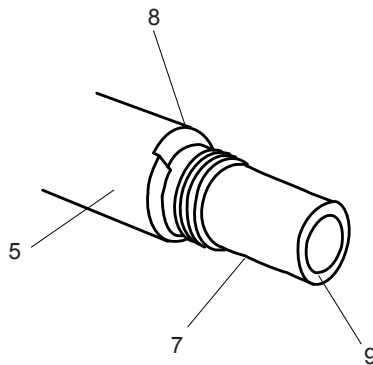


- Take off burrs on gas port (4) and cylindrical part (7) of breech (8) with a fine stone.

Take off burrs on rear section (9) of breech (8) with a fine stone.

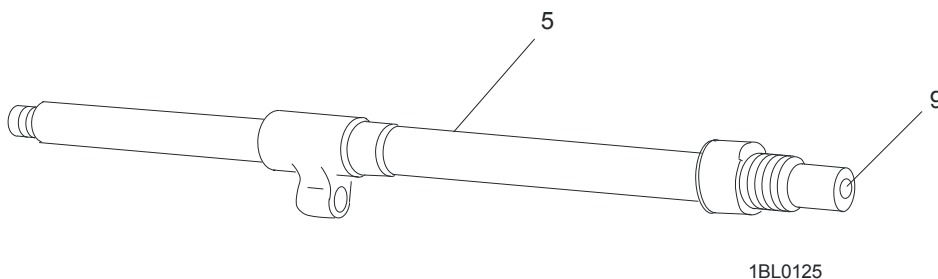
Inspect threads for damage.

Replace barrel (5) if removal of burrs affects form, fit, or function or if threads are damaged.



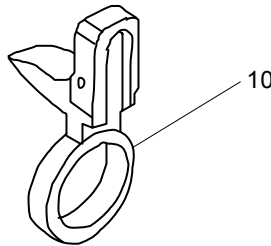
The following define replacement criteria for barrels (5):

- Pits in the chamber of breech (9) are allowable if they are not large enough to cause extraction difficulties.



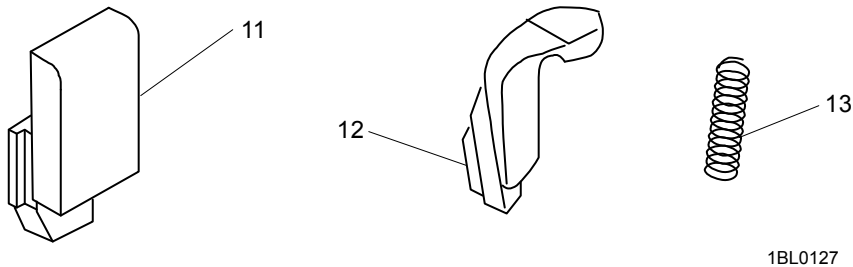
- Pits less than the width of a land or groove in width or length are allowable. Replace if pits greater than the width of a land or groove in width or length are present.
- Scattered or uniformly fine pits are allowable.
- Tool marks or scratches are acceptable regardless of length. Tool marks will appear as lines running laterally in the grooves or they may run spirally across the top of the lands.
- Definitely ringed bores or bores ringed sufficiently to bulge the outside surface of barrel are cause for rejection. However, faint rings or shadowy depressions do not indicate an unserviceable barrel and should not be cause for rejection.
- Lands that appear dark due to a coat of gilded metal from projectiles should not be cause for rejection.

(M240/M240C/M240E1): Check barrel release (10) for cracks or distortion. Replace if cracked or distorted.



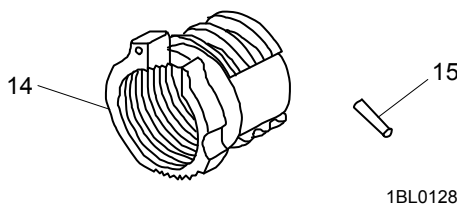
(M240/M240C/M240E1): Inspect barrel release latch (11) for breaks or cracks. Replace if damaged.

(M240B/M240D/M240H/M240L/M240N): Inspect barrel catch (12) and spring (13). Replace if cracked or distorted.



Inspect barrel adapter nut (14) for damaged threads or cracks. Replace if damaged.

(M240B/M240D/M240H/M240L/M240N): Inspect nut locking pin (15) for cracks or distortion. Replace if missing or damaged.

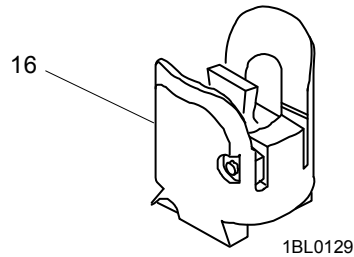


FIELD MAINTENANCE OF BARREL ASSEMBLY

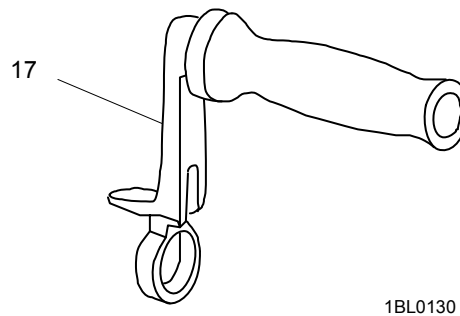
■ M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 13008850;
 M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
 M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220;
 M240L, NSN, N/A, PN 13016469 (cont)

INSPECTION/REPAIR (cont)

Repair front sight assembly (16) if damaged (WP 0009 00) (all except M240/M240C).



Repair carrying handle assembly (17) if damaged (WP 0010 00).



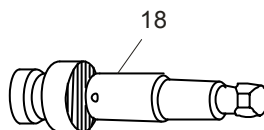
Inspect plug (18) for dents or burrs. Replace if damaged.

Attempt to insert gas port erosion tool (item 14, WP 0064 00) into gas inlet hole in plug to ensure hole is not oversized. If tool passes into #1 hole or is enlarged or out of round, replace the plug. The #1 gas port on other M240 series weapons can be checked using this tool. Rejection criteria is the same.

NOTE

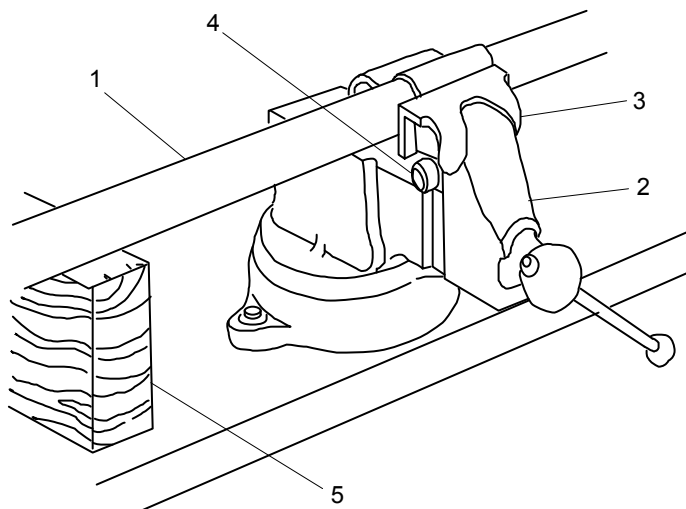
The Gas Port Erosion Tool is black oxide coated as corrosion preventative and as a wear indicator. When coating is worn (shiny) on both ends, replace the tool.

Clamp in the gas port area only.

**REASSEMBLY**

Place barrel (1) in vise (2) with protective jaws (3) above gas regulator area (4) with gas regulator pointed down.

Place a block of wood (5) as shown to steady barrel (1).

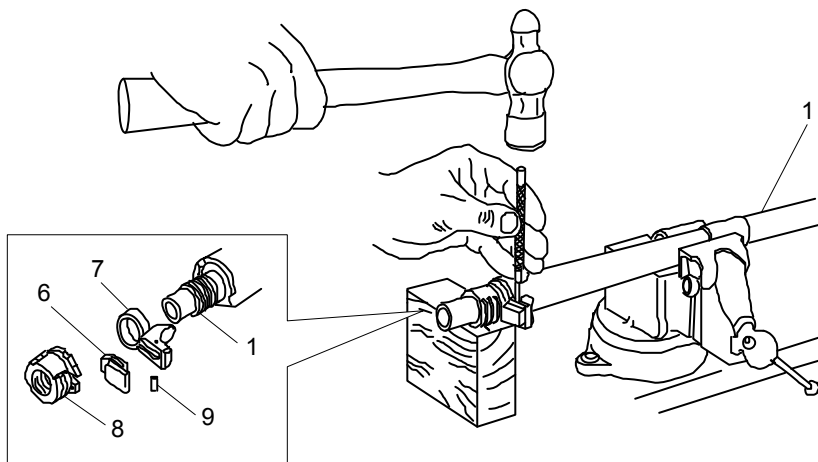


1BL0131

NOTE

Barrel and barrel adapter have left-hand threads.

(M240/M240C/M240E1): Place barrel release latch (6) in barrel release (7). Hold them vertically and place firmly against front shoulder of barrel (1).



1BL0132

Screw barrel adapter nut (8) onto barrel (1) finger-tight.

Unscrew barrel adapter nut (8) until barrel release latch (6) engages the recess in barrel adapter nut (8).

Secure barrel release latch (6) to barrel release (7) with new spring pin (9).

NOTE

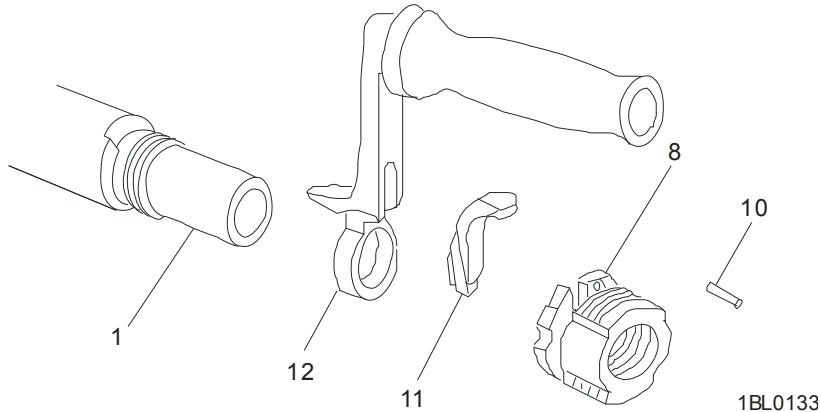
Barrel and barrel adapter have left-hand threads.

FIELD MAINTENANCE OF BARREL ASSEMBLY

■ M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 13008850;
 M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
 M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220;
 M240L, NSN, N/A, PN 13016469 (cont)

REASSEMBLY (cont)

■ (M240B/M240D/M240H/M240L/M240N): Place catch spring (10) into barrel catch (11). Install barrel catch (11) into carrying handle assembly (12). Hold carrying handle assembly vertically, place firmly against front shoulder of barrel (1).



Screw barrel adapter nut (8) onto barrel (1) finger tight.

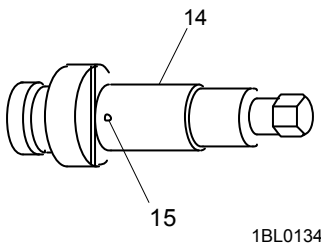
Unscrew barrel adapter nut (8) until barrel catch (11) engages the recess in the carrying handle assembly (12).

Secure carrying handle assembly (12) to barrel adapter nut (8) by tapping barrel nut locking pin (13) out approximately 1/8 inch until it engages the stops on the carrying handle assembly.

NOTE

The plug (14) is designed with three gas inlet settings to maintain the rate of fire. This design is intended to maintain a consistent rate of fire under adverse conditions, NOT TO INCREASE RATE OF FIRE. Gas setting number 1 (15) (number facing the barrel) is preferred for normal conditions.

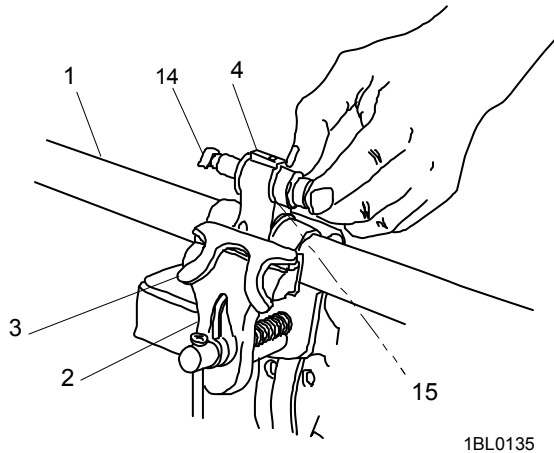
■ (M240B/M240L/M240H Army/Air Force Only): The plug (14) is designed with one gas inlet setting to maintain the rate of fire.



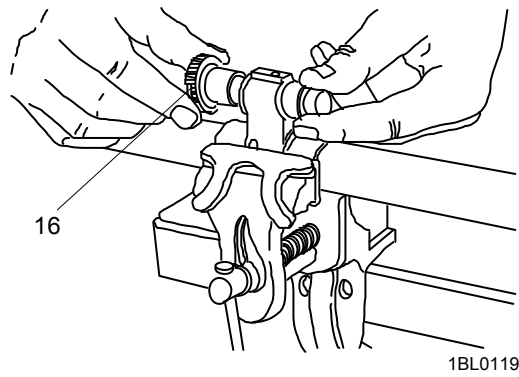
■ Setting number 1 = 650 rds/m approx. (550 rds/m (M240B/M240L/M240N with hydraulic buffer only))
 Setting number 2 = 750 rds/m approx. (625 rds/m (M240N with hydraulic buffer only))
 Setting number 3 = 950 rds/m approx. (650 rds/m (M240N with hydraulic buffer only))

Clamp barrel (1) in vise (2) with protective jaws (3) below gas regulator area with gas regulator area (4) pointed up.

Place plug (14) with gas inlet hole number 1 (15) facing barrel (1).



Rotate collar (16) until it engages, then push it in.



FIELD MAINTENANCE OF BARREL ASSEMBLY

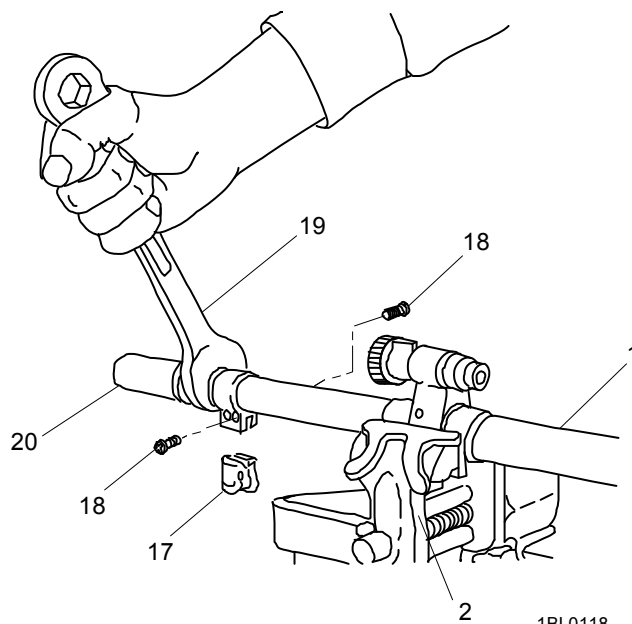
■ M240/M240C, NSN 1005-01-044-1026, PN 11825985; M240B, NSN N/A, PN 13008850;
 M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
 M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, P/N 13008220;
 M240L, NSN, N/A, PN 13016469 (cont)

REASSEMBLY (cont)

■ (M240B/M240D/M240E1/M240H/M240L/M240N): If removed, install front sight assembly (17) and secure with two front sight adjusting screws (18).

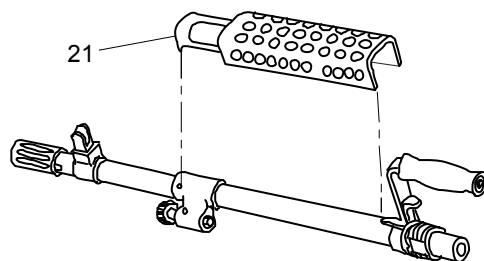
Use 23mm box and open end combination wrench (19) to install flash hider/suppressor (20).

Remove barrel (1) from vise (2).



1BL0118

■ Attach heatshield (21) to barrel (M240B/M240L).



1BL0050

END OF WORK PACKAGE

FIELD MAINTENANCE OF FRONT SIGHT ASSEMBLY
M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12597038

This task covers: a. Disassembly b. Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

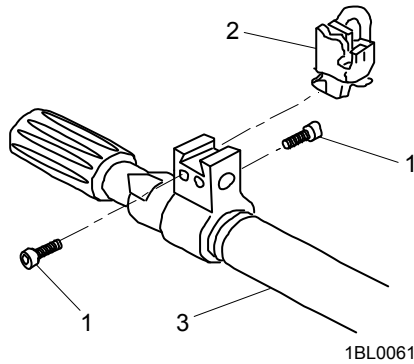
Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

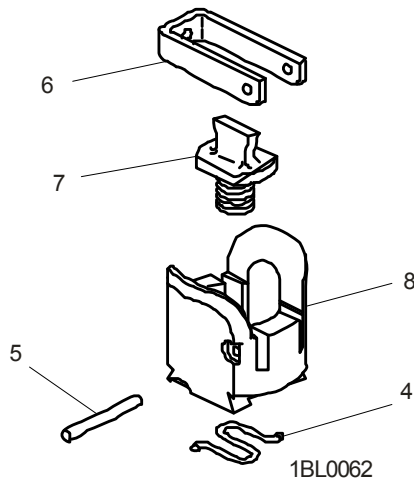
Spring pin, PN MS51923-152

DISASSEMBLY

Remove two front sight adjusting screws (1) and remove front sight assembly (2) from the barrel (3).



Remove front sight adjusting spring (4), spring pin (5), front sight retaining strap (6), and front sight blade (7), from front sight protector (8). Discard spring pin.

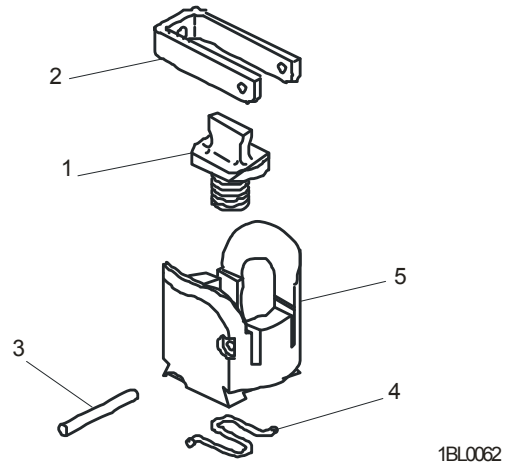


REPAIR

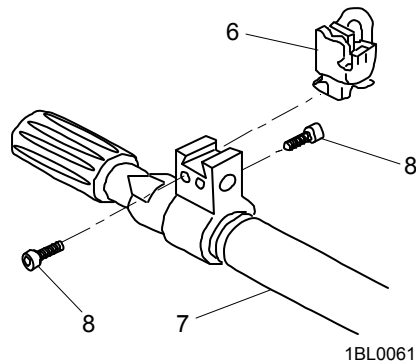
Repair by replacing unserviceable components.

FIELD MAINTENANCE OF FRONT SIGHT ASSEMBLY
M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12597038 (cont)**REASSEMBLY**

Install front sight blade (2), front sight retaining strap (3), new spring pin (1), and front sight adjusting spring (4) in front sight protector (5).



Install front sight assembly (6) onto barrel (7), securing with two front sight adjusting screws (8).

**END OF WORK PACKAGE**

FIELD MAINTENANCE OF CARRYING HANDLE ASSEMBLY
M240B/M240D/M240H/M240N, NSN 1005-01-408-3585, PN 12976819

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Wire, Steel, Cres., Safety, PN MS9226-04

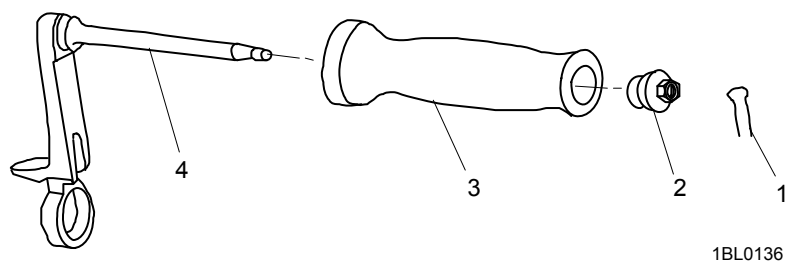
Equipment Condition

Carrying handle assembly removed from barrel
 (WP 0008 00).

DISASSEMBLY

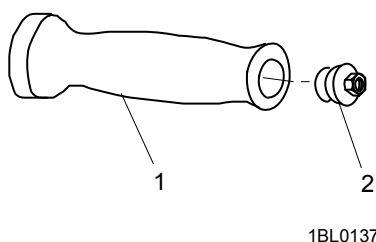
Remove safety wire (1) and retaining nut (2).

Remove carrying handle (3) from the barrel bracket (4).



INSPECTION/REPAIR

Inspect carrying handle (1) and retaining nut (2) for wear, cracks or breaks. Replace if damaged.

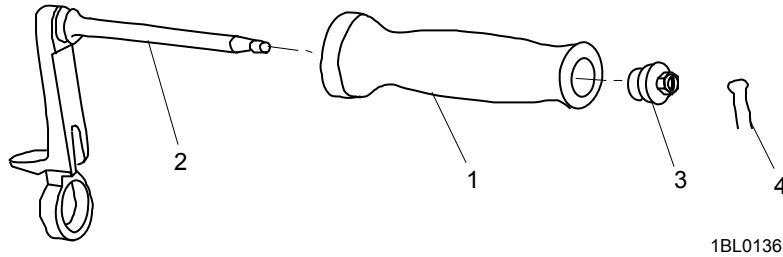


**FIELD MAINTENANCE OF CARRYING HANDLE ASSEMBLY
M240B/M240D/M240H/M240N, NSN 1005-01-408-3585, PN 12976819 (cont)**

REASSEMBLY

Install carrying handle (1) on the barrel bracket (2).

Screw on the retaining nut (3) and install new safety wire (4).



1BL0136

END OF WORK PACKAGE

**FIELD MAINTENANCE OF CARRYING HANDLE ASSEMBLY
M240L, NSN 1005-01-550-1628, PN 13016478**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP**Tools and Special Tools**

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11

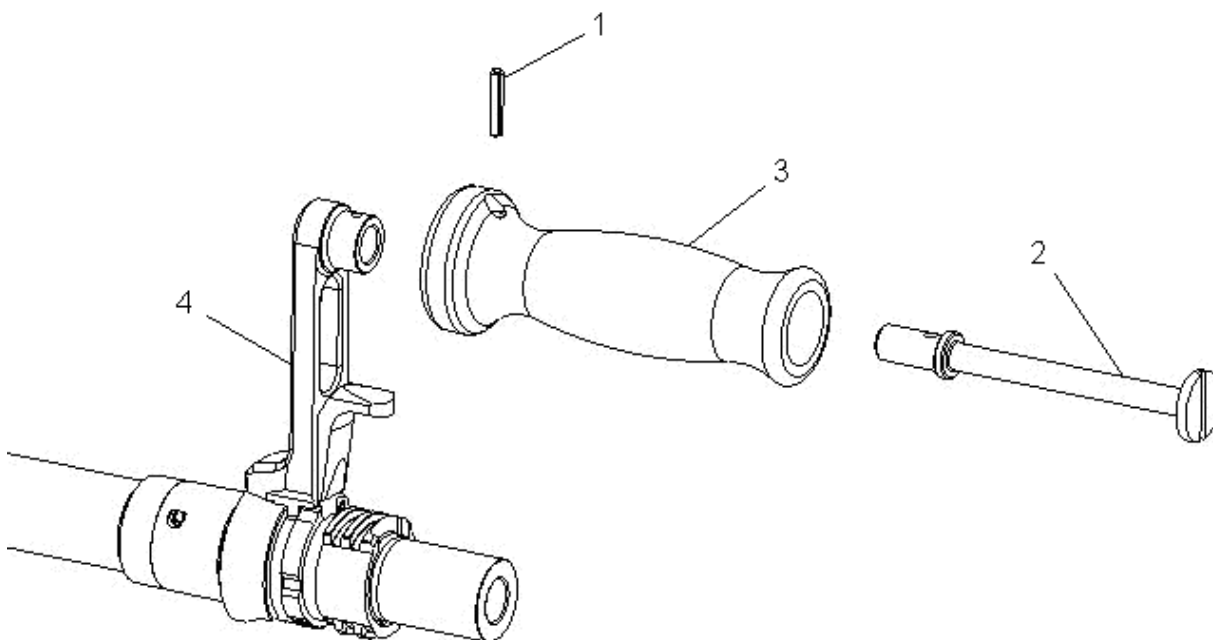
Materiel/Parts

Retaining pin, 12976826

DISASSEMBLY

Remove retaining pin (1) using a punch. Discard pin.

Remove carrying handle rod (2) and handle (3) from carrying handle bracket (4).

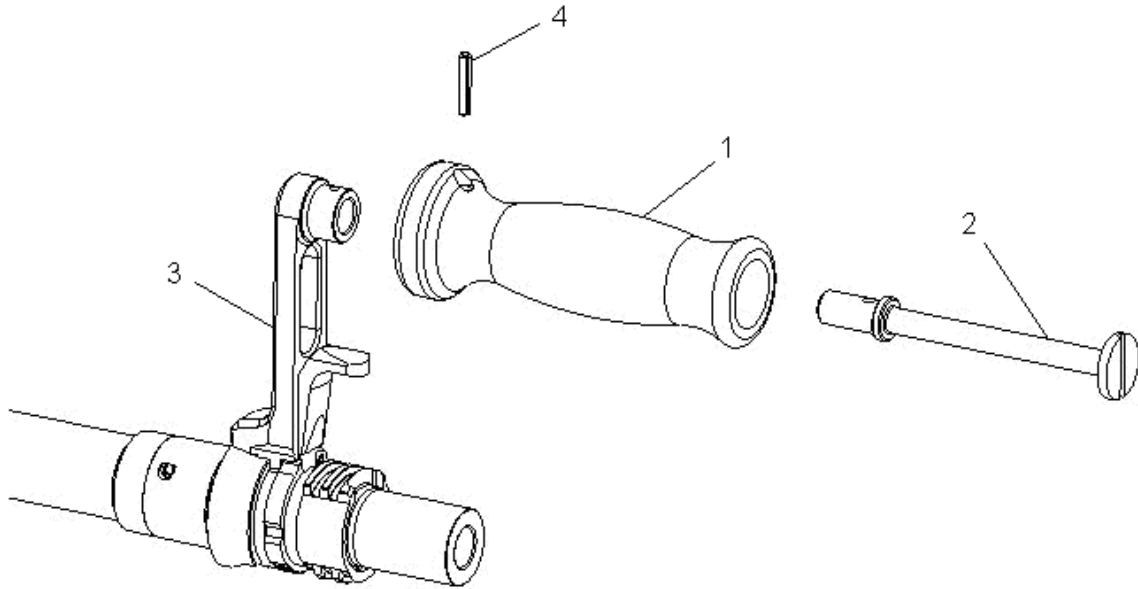
**INSPECTION/REPAIR**

Inspect carrying handle (2) and carrying handle rod (2) for wear, cracks, or breaks. Replace if damaged.

**FIELD MAINTENANCE OF CARRYING HANDLE ASSEMBLY
M240L, NSN 1005-01-550-1628, PN 13016478 (cont)**

REASSEMBLY

Install handle (1) and carrying handle rod (2) onto carrying handle bracket (3). Align holes of all three items and install new pin (4), tapping lightly.

**END OF WORK PACKAGE**

FIELD MAINTENANCE OF BUFFER ASSEMBLY M240/M240C, NSN 1005-01-440-8010, PN 11826230

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Equipment

Materials/Parts

Solvent cleaning compound (RBC)
(item 2, WP 0065 00)

Materials/Parts (cont)

Spring, pin, PN MS39086-147
Weapons lubricating oil (as required)
Wiping rag (item 11, WP 0065 00)

Initial Condition

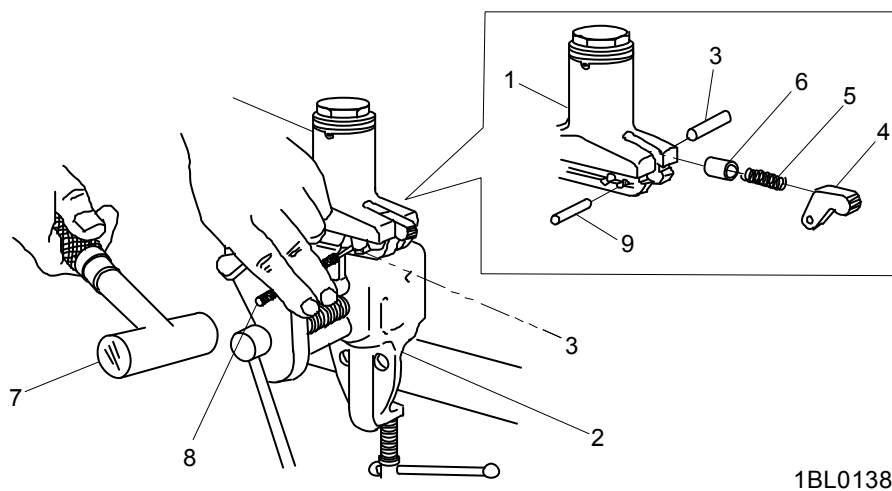
Buffer assembly removed (TM 9-1005-313-10).

DISASSEMBLY

CAUTION

Do not over tighten back plate in vise.

Clamp buffer assembly (1) in vise (2) (with protective jaws) at two forward ribs. Be sure that vise jaws do not cover headed straight pin (3).



1BL0138

NOTE

Back plate latch (5) is under tension.

Hold hand over back plate latch (4) when removing headed straight pin (3), or helical compression spring (5) and detent plunger (6) will fly out.

Use a brass hammer (7) and punch (8) to drive headed straight pin (3) out from left to right.

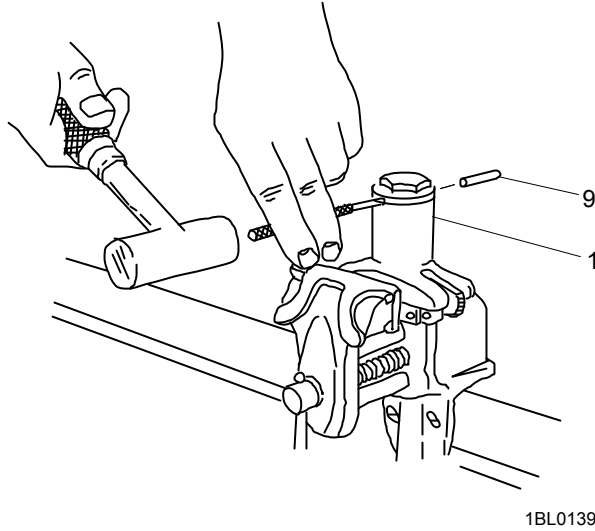
NOTE

Spring pin (9) need not be removed unless it is damaged.

**FIELD MAINTENANCE OF BUFFER ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230 (cont)**

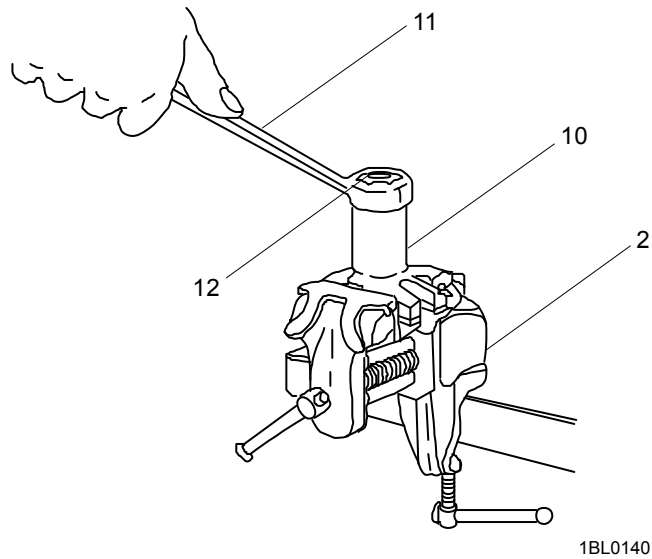
DISASSEMBLY (cont)

Punch spring pin (9) out of buffer assembly (1). Discard spring pin (9).

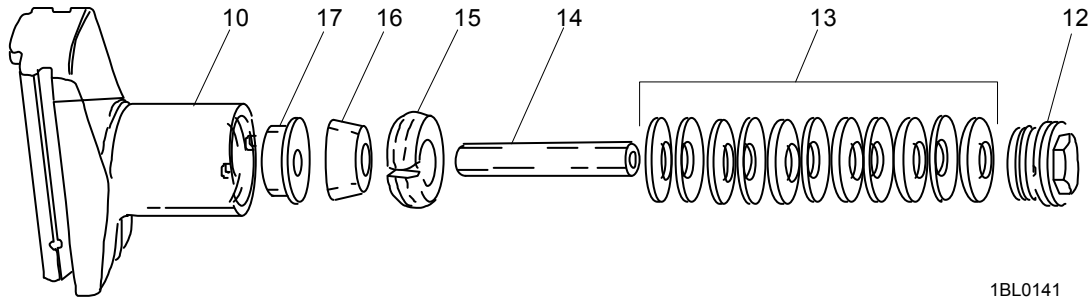


Reposition back plate (10) in vise (2) for more support, and using 23mm box and open end combination wrench (11), loosen machine plug (12).

Remove from vise.



Unscrew machine plug (12) and remove eleven spring washers (13), sleeve spacer (14), expansion ring (15), braking buffer cone (16), and buffer plug (17) from back plate (10).



1BL0141

INSPECTION/REPAIR

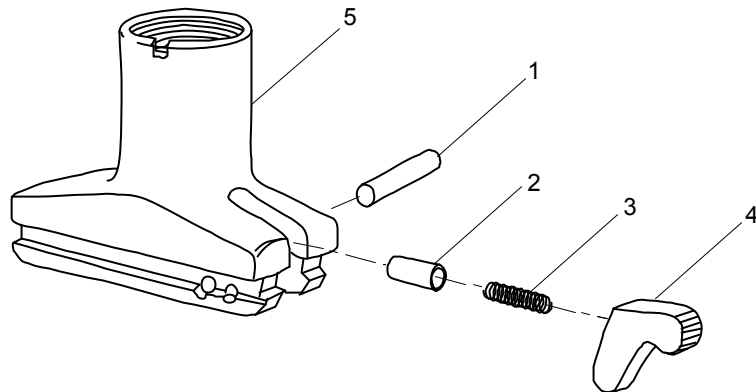
Check headed straight pin (1). Replace if bent or broken.

Check detent plunger (2). Replace if bent or broken.

Check helical compression spring (3) for deformation of breaks. Replace if damaged, broken, or deformed.

Check back plate latch (4) for cracks or breaks. Replace if damaged.

Check back plate (5) for damaged threads and burrs. Remove burrs with file. Replace buffer assembly if threads are damaged.



1BL0142

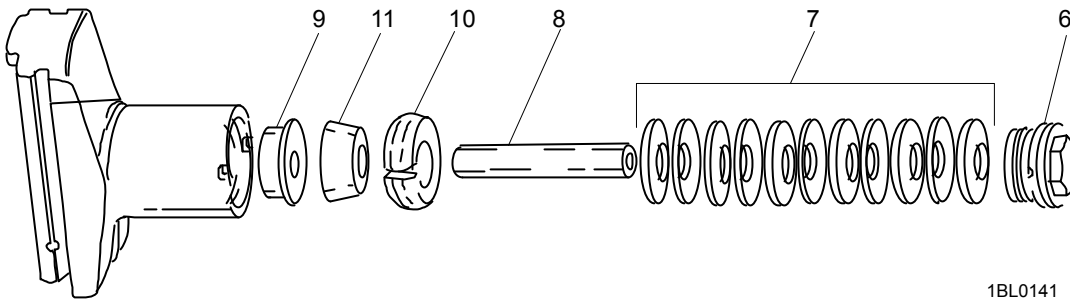
FIELD MAINTENANCE OF BUFFER ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230 (cont)

Check machine plug (6) for damaged thread, deformation or rounded shoulders of octagon head. Replace if damaged.

Check eleven spring washers (7) for cracks, deformation, or permanent set. Replace as a set if damaged.

Check sleeve spacer (8) and buffer plug (9). Replace if distorted, bent, or burred.

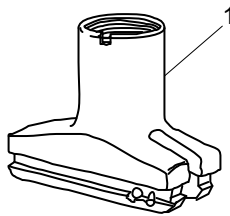
Check expansion ring (10) and braking buffer cone (11) for damaged mating surfaces. Replace if damaged, broken, or deformed.



1BL0141

REASSEMBLY

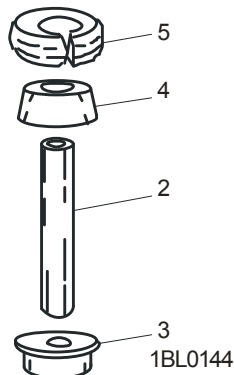
Place back plate (1) with threaded end up on a clean surface.



1BL0143

Place sleeve spacer (2) into buffer plug (3). Install braking buffer cone (4) with its base against buffer plug (3).

Place tapered surface of expansion ring (5) against tapered surface on braking buffer cone (4).



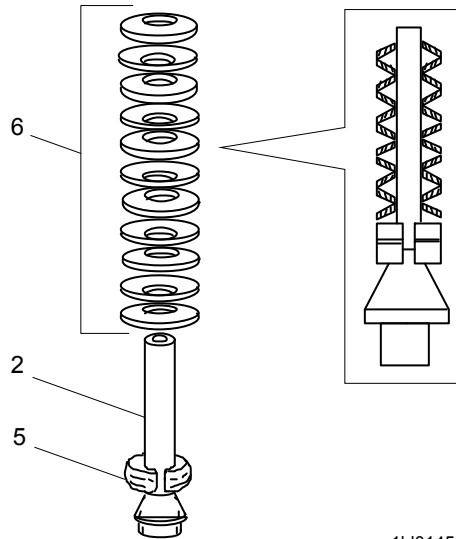
1BL0144

Apply light coat of oil to all eleven spring washers (6).

Install eleven spring washers (6) on sleeve spacer (2). Place the concave surface of the first washer against expansion ring (5). Check washer sequence diagram. Place second washer in the opposite direction with its convex surface against the first washer.

Place the concave surface of the third washer against the concave surface of the second washer.

Continue this sequence until all eleven washers (6) are assembled on sleeve spacer (2). Check assembled washers with spring washer sequence diagram.

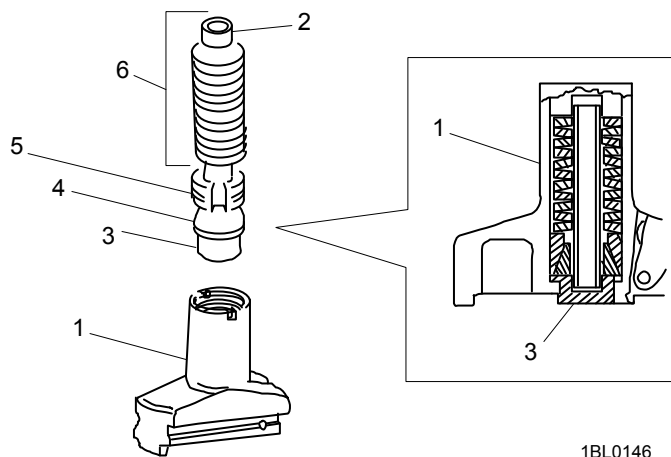


1bl0145

CAUTION

Buffer plug (3) must protrude through the hole in the back plate (1).

Install sleeve spacer (2), buffer plug (3), braking buffer cone (4), expansion ring (5), and spring washers (6) in back plate (1).



1BL0146

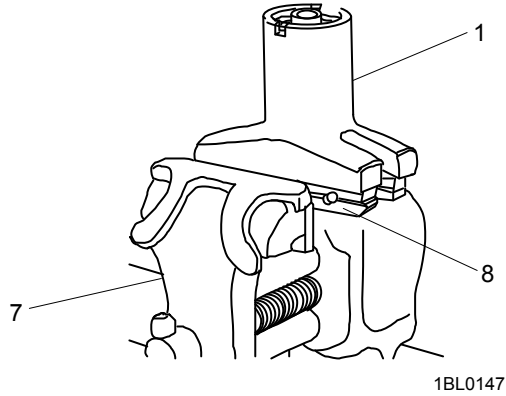
FIELD MAINTENANCE OF BUFFER ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230 (cont)

REASSEMBLY (cont)

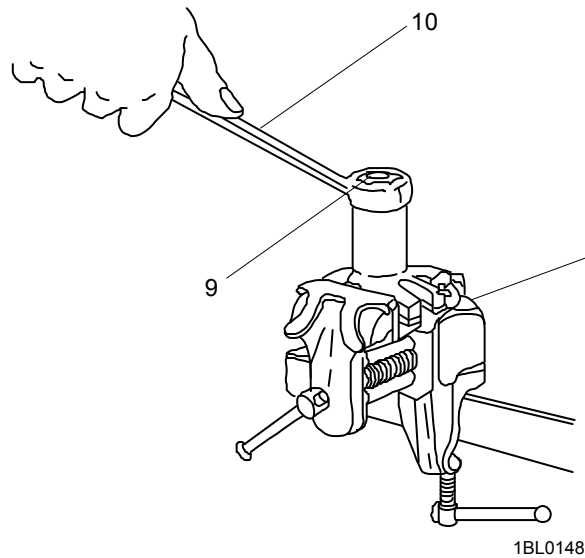
CAUTION

Do not over-tighten back plate in vise.

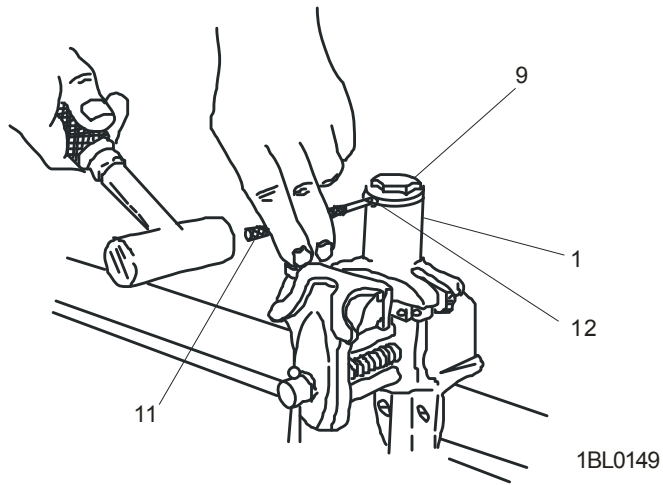
Place back plate (1) in a vise (7) at the two forward ribs (8) and secure.



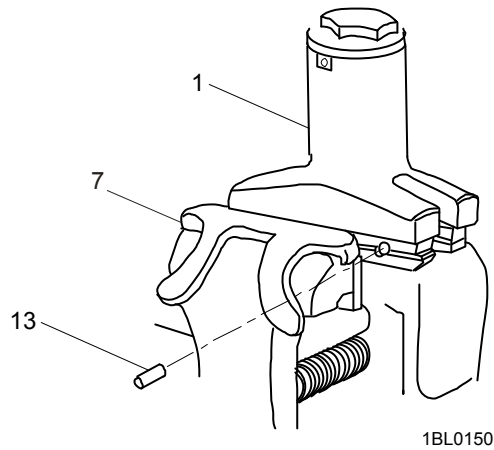
Install machine plug (9) and tighten securely with 23mm box and open end combination wrench (10) and back off as necessary to align hole.



With punch (11), drive new spring pin (12) flush with back plate (1) to secure machine plug (9).



Secure back plate (1) in vise (7) so pin holes are not covered. Install new spring pin (13) in back plate (1) only if removed.



FIELD MAINTENANCE OF BUFFER ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230 (cont)

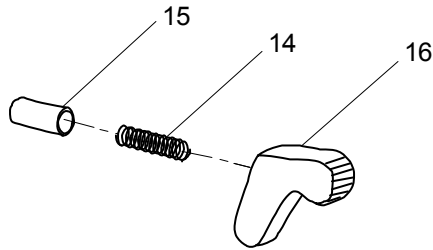
REASSEMBLY (cont)

Place helical compression spring (14), with open coil first, into detent plunger (15).

NOTE

If a new helical compression spring is installed, open end of first coil at either end to secure in detent plunger.

Place helical compression spring (14) and detent plunger (15) into hole in back of plate latch (16).

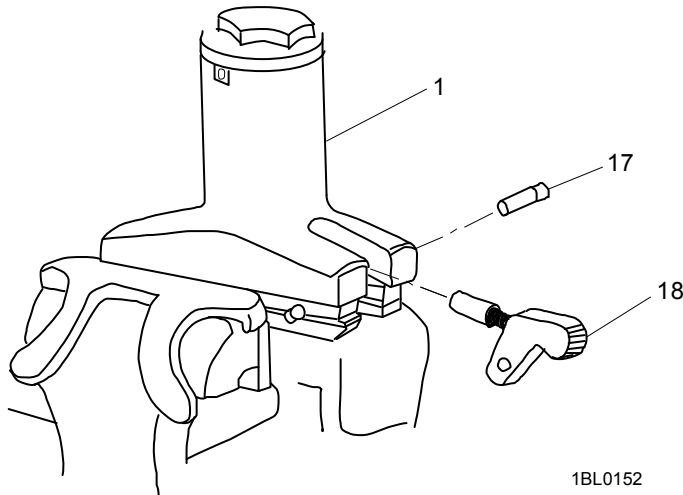


1BL0151

CAUTION

Be sure headed straight pin (17) does not stick out into channels of back plate (1).

Install back plate latch (18) (with helical compression spring and detent plunger) into back plate (1). Align holes in back plate (1) and back plate latch (18). Install headed straight pin (17) from right to left (smooth end of pin is installed first).



1BL0152

END OF WORK PACKAGE

FIELD MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)
 Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;

(TM

Materials/Parts

Locking pin (4), PN 7312517
 Spring pin, PN MS39086-147

Materials/Parts

Tubular spring pin, PN MS39086-80
 Weapons lubricating oil (as required)
 Wiping rag (item 11, WP 0065 00)

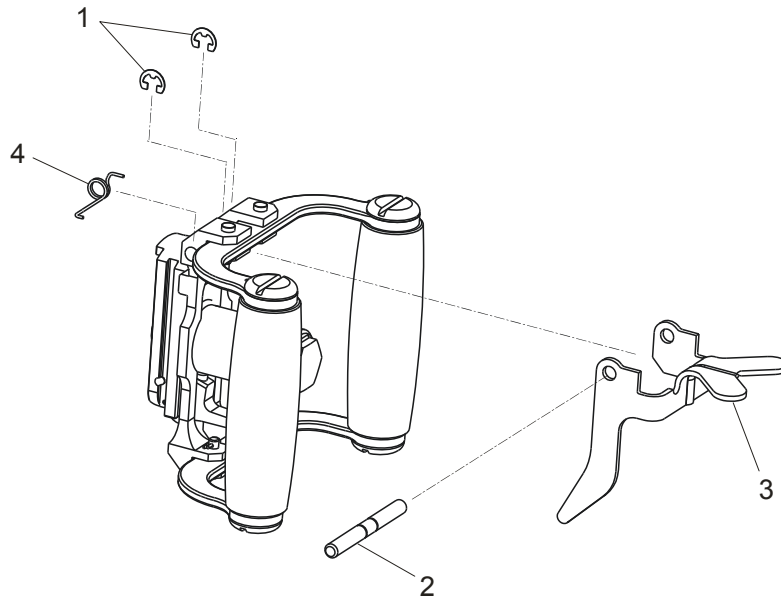
Equipment Condition

Buffer and spade grip assembly removed
 9-1005-313-10).

DISASSEMBLY

Remove two retaining rings (1).

Remove pin (2), trigger (3), and helical spring (4).

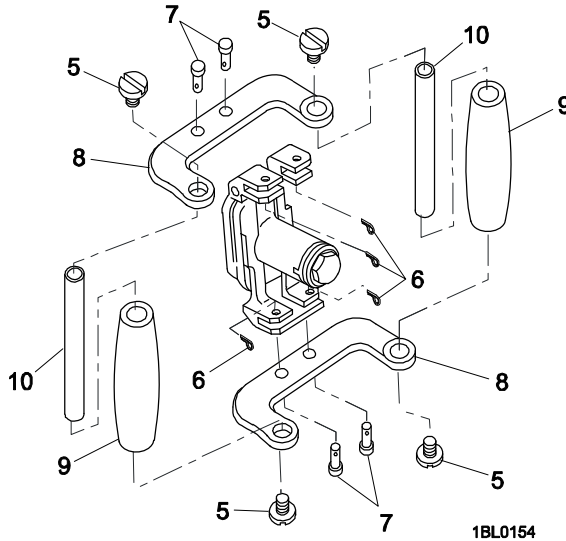


**FIELD MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057 (cont)**

DISASSEMBLY (cont)

Remove four screws (5), four locking pins (6), and four pins (7) to release two frame handles (8) and two grips (9). Discard four locking pins.

Remove two handle tubes (10) from grips (9).



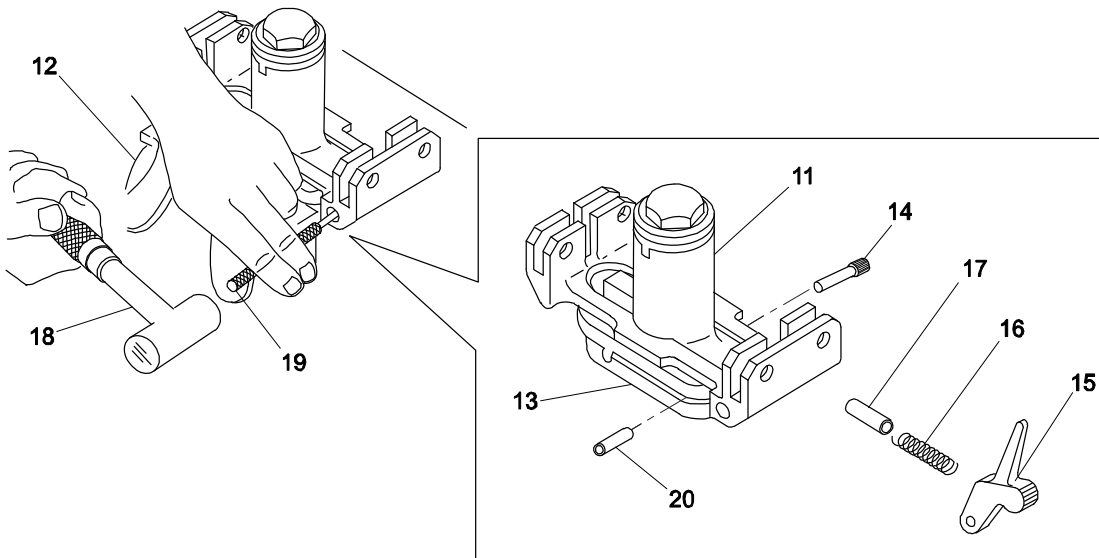
Clamp buffer housing and plug assembly (11) in vise (12) (with protective jaws) at the two forward ribs (13). Be sure that the vise jaws do not cover headed straight pin (14).

Back plate latch (15) is under tension. Hold hand over back plate latch when removing headed straight pin (14), or helical compression spring (16) and detent plunger (17) will fly out.

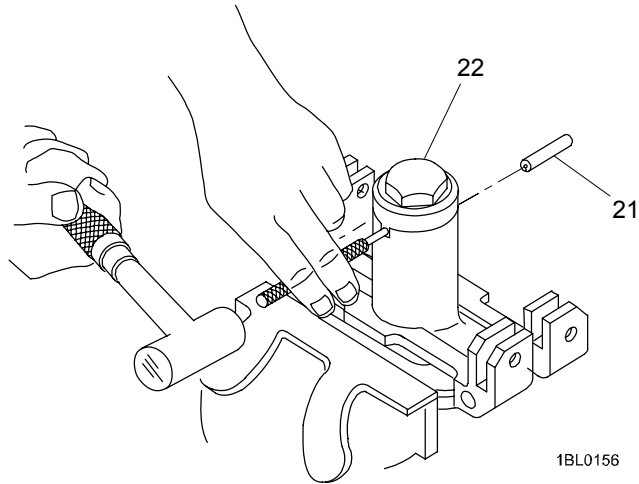
Use brass hammer (18) and punch (19) to drive headed straight pin (14) out from left to right.

NOTE

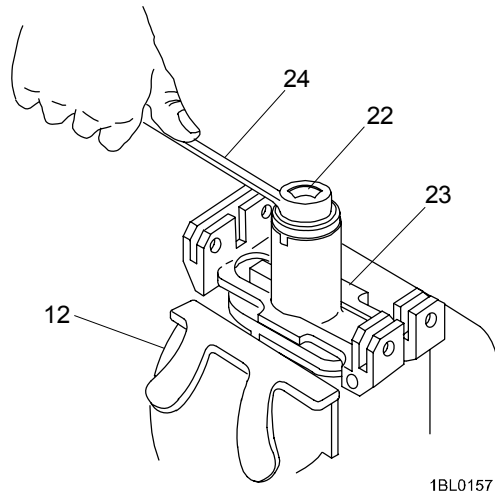
Spring pin (20) need not be removed unless damaged.



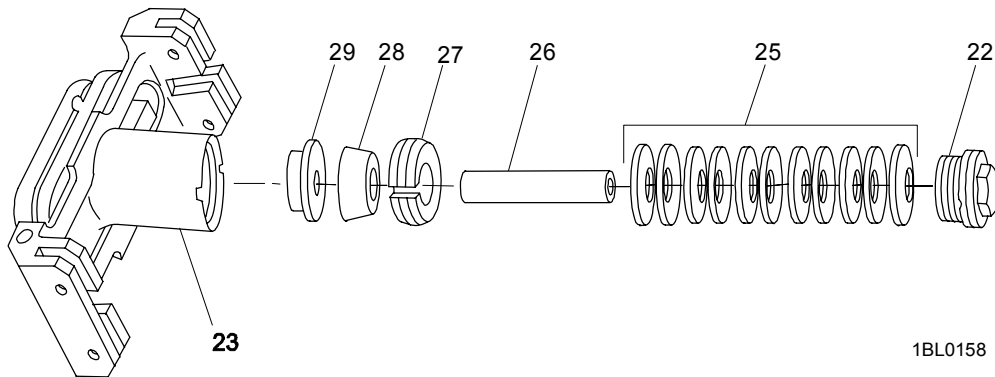
Drive spring pin (21) out of machine plug (22). Discard spring pin (21).



Reposition back plate (23) in vise (12) for more support and, using a 23mm box and open end combination wrench (24), loosen machine plug (22).



Unscrew machine plug (22) and remove eleven spring washers (25), sleeve spacer (26), expansion ring (27), braking buffer cone (28), and buffer plug (29) from back plate (23).



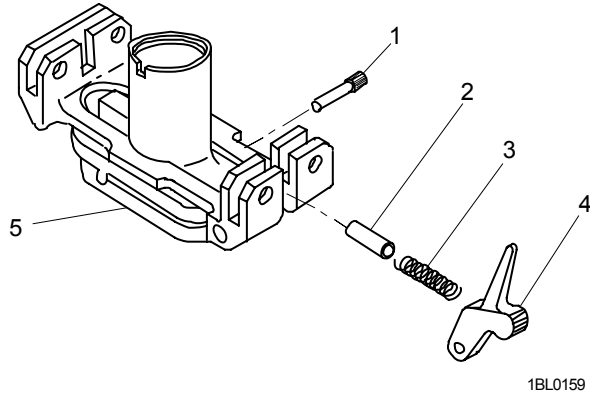
**FIELD MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057 (cont)**

INSPECTION/REPAIR

Check headed straight pin (1). Replace if bent or broken.

Check detent plunger (2). Replace if bent or broken.

Check helical compression spring (3) for deformation or breaks. Replace if damaged, broken, or deformed.



Check back plate latch (4) for cracks or breaks. Replace if damaged.

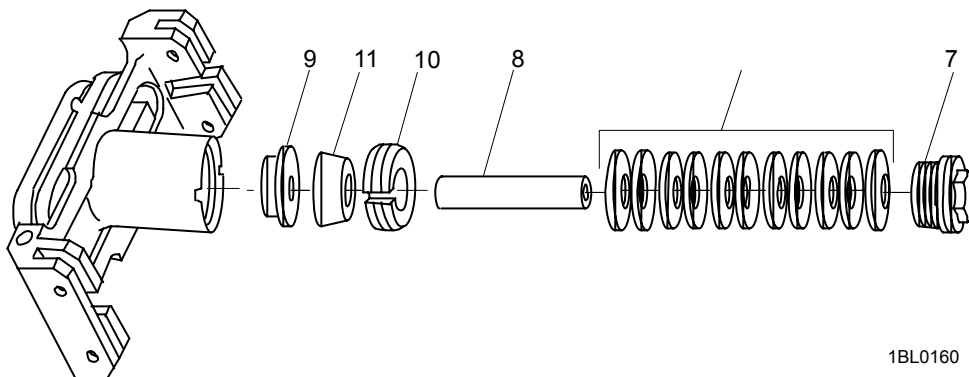
Check back plate (5) for damaged threads and burrs. Remove burrs with file. Replace buffer and spade grip assembly if threads are damaged.

Check machine plug (6) for deformed threads or rounded shoulders of octagon head. Replace if damaged.

Check eleven spring washers (7) for cracks, deformation, or permanent set. Replace as a set if damaged, broken, or deformed.

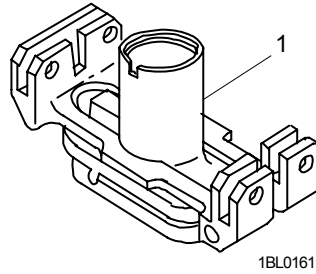
Check sleeve spacer (8) and buffer plug (9). Replace if distorted, bent, or burred.

Check expansion ring (10) and braking buffer cone (11) for damaged mating surfaces. Replace if damaged, broken, or deformed.



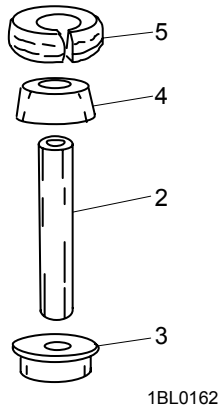
REASSEMBLY

Place back plate (1) with threaded end up on a clean surface.



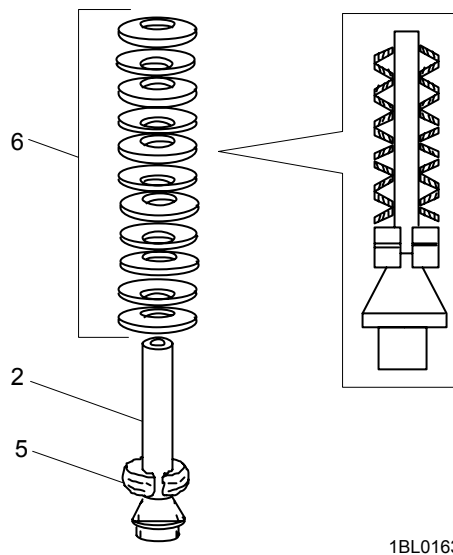
Place sleeve spacer (2) into buffer plug (3). Install braking buffer cone (4) with its base against buffer plug (3).

Place tapered surface of expansion ring (5) against tapered surface on braking buffer cone (4).



Apply light coat of lubricant to all eleven spring washers (6).

Install eleven spring washers (6) on sleeve spacer (2). Place the concave surface of the first washer against expansion ring (5). Check washer sequence diagram. Place second washer in the opposite direction with its convex surface against the first washer.

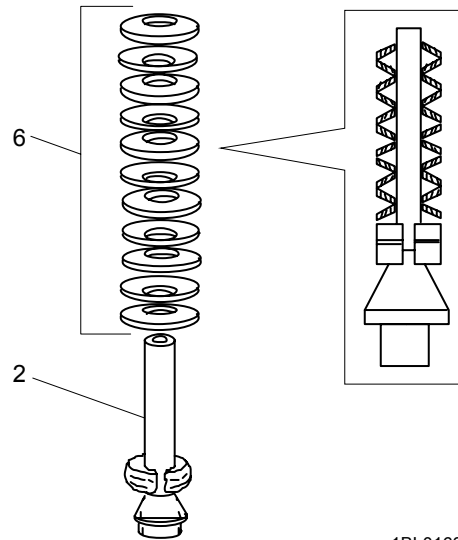


**FIELD MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057 (cont)**

REASSEMBLY (cont)

Place the concave surface of the third washer against the concave surface of the second washer.

Continue this sequence until all eleven washers (6) are assembled on sleeve spacer (2). Check assembled washers with spring washer sequence diagram.

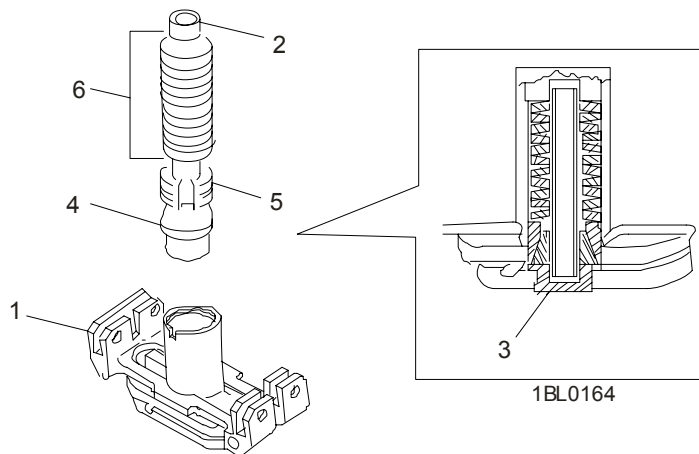


1BL0163

CAUTION

Buffer plug (3) must protrude through the hole in the back plate (1).

Install sleeve spacer (2), buffer plug (3), braking buffer cone (4), expansion ring (5), and spring washers (6) in back plate (1).

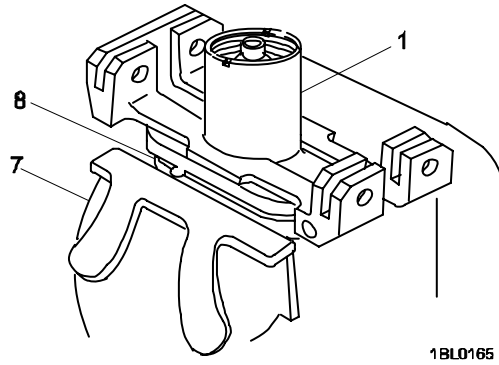


1BL0164

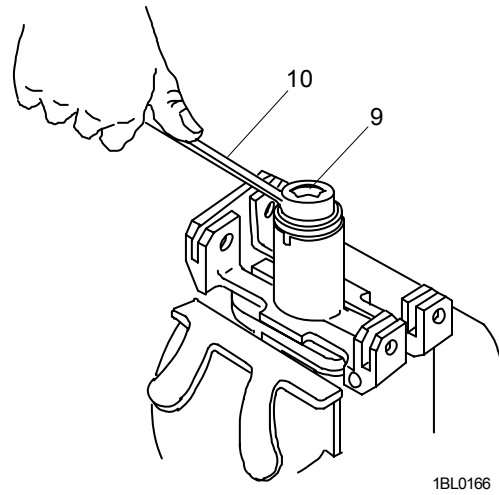
CAUTION

Do not over-tighten vise (7) on back plate (1).

Place back plate (1) in vise (7) (with protective jaws) at the two forward ribs (8) and secure.



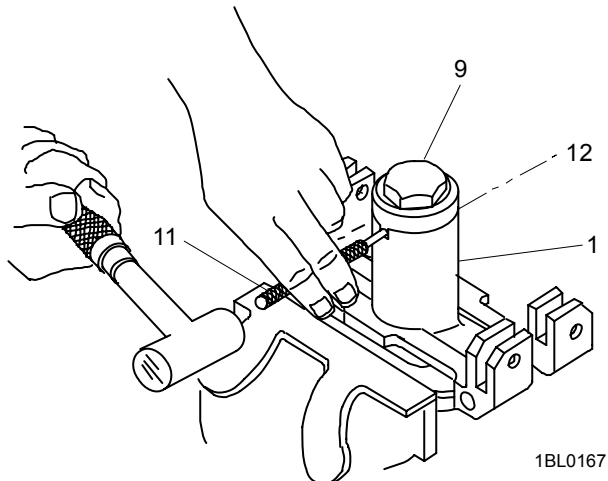
Install machine plug (9) and tighten securely with 23mm box and open end combination wrench (10) and back off as necessary to align hole.



NOTE

Back plate (1) and machine plug (9) are matched pairs and must be ordered as such.

With a punch (11), drive new spring pin (12) into drilled hole of machine plug (9) to secure.



**FIELD MAINTENANCE OF BUFFER AND SPADE GRIP ASSEMBLY
M240D/M240E1/M240H, NSN 1005-01-251-9692, PN12597057 (cont)**

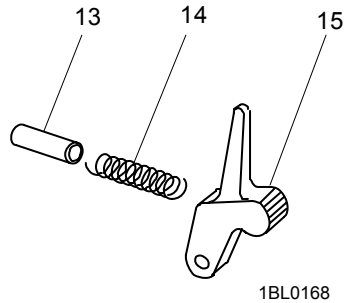
REASSEMBLY (cont)

NOTE

If a new helical compression spring is installed, open end of first coil at either end to secure detent plunger (13).

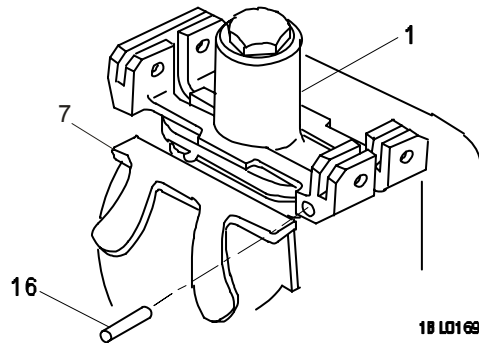
Place the helical compression spring (14) with open coil first into detent plunger (13).

Place helical compression spring (14) and detent plunger (13) into hole in back of plate latch (15).



NOTE

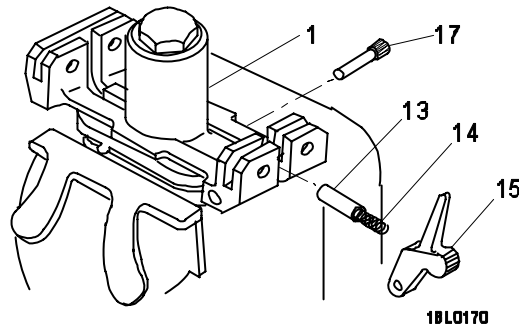
Relocate back plate (1) in vise (7) so pin holes are not covered. Place new spring pin (16) in back plate (1) only if removed.



CAUTION

Be sure headed straight pin (17) does not stick out into channels of back plate.

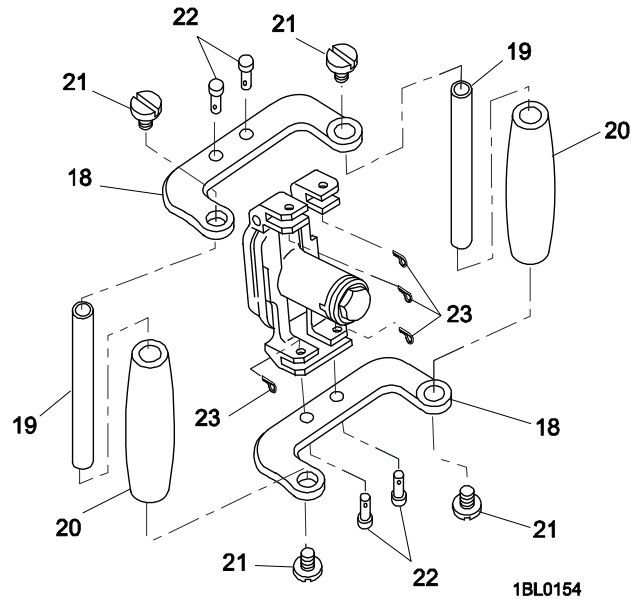
Install back plate latch (15) (with helical compression spring (14) and detent plunger (13)) into back plate (1). Align holes in back plate (1) and back plate latch (15). Install headed straight pin (17) from right to left (smooth end of pin is installed first).



Prior to reassembly of frame harness (18), install handle tubes (19) in grips (20).

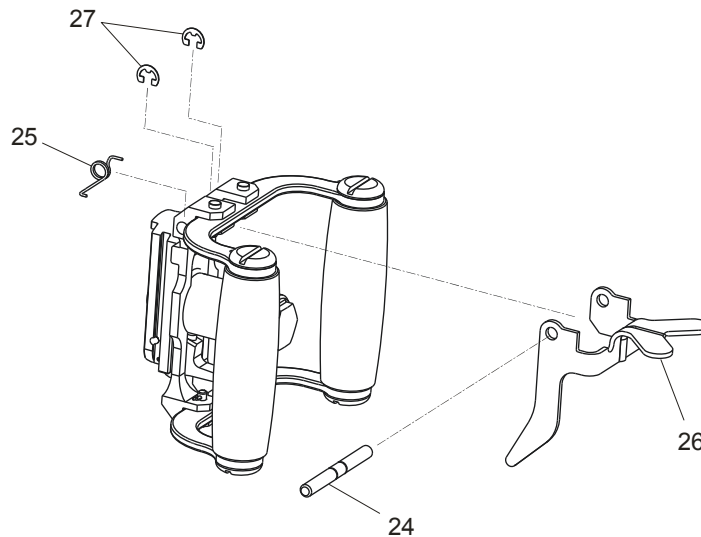
Install two frame handles (18) and two grips (20) securing with four screws (21), four pins (22), and four new locking pins (23).

Stake screws (21) in relief area of each frame handle (18) to prevent rotation.



Install pin (24) and helical spring (25) into trigger (26).

Install two retaining rings (27).



END OF WORK PACKAGE

**FIELD MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY,
M240B/M240L/M240N, NSN 1005-001-461-2658, PN 12988986**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SI-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)
Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71

Materials/Parts

Sealing compound
(item 12, WP 0065 00)

Equipment Condition

Buttstock and Buffer Assembly removed
(TM 9-1005-313-10).

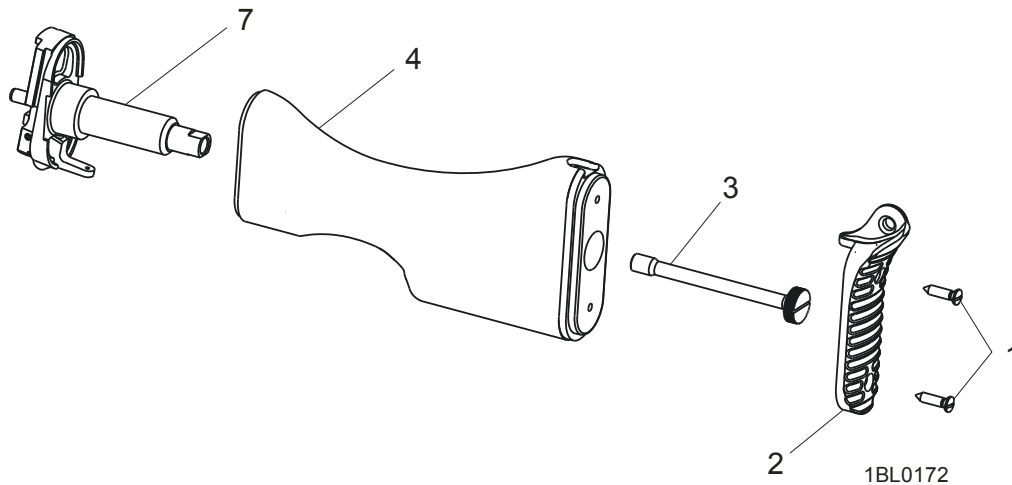
DISASSEMBLY

Remove two screws (1) from buttplate (2).

Remove the butt securing screw (3) from buttstock (4).

Remove hydraulic buffer (7) from the buttstock assembly to gain access to the back plate latch.

(M240B/M240L/M240N): Remove hydraulic buffer from back plate housing only if replacement is required. Further disassembly of hydraulic buffer is not authorized.



**FIELD MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY,
M240B/M240L/M240N, NSN 1005-001-461-2658, PN 12988986 (cont)**

DISASSEMBLY (cont)

NOTE

Do not remove spring pin (8) unless it is damaged.

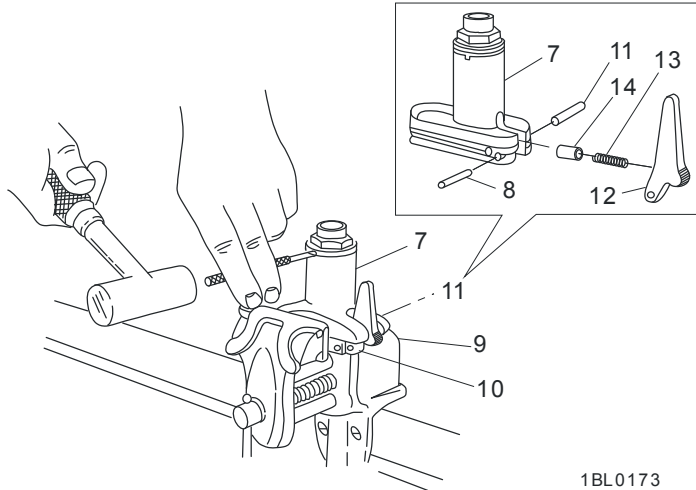
Clamp hydraulic buffer (7) in vise (9) (with protective jaws) at two forward ribs (10). Be sure that the vise jaws do not cover headed straight pin (11).

WARNING



To prevent injury to personnel, wear goggles or eye protection when performing the next step.

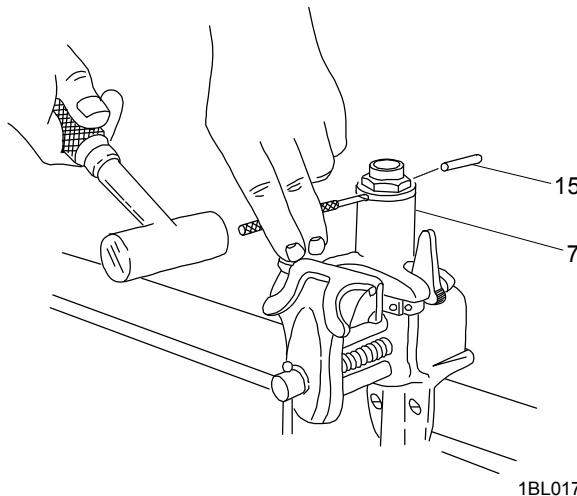
Hold hand over back plate latch (12) when removing headed straight pin (11), or helical compression spring (13) and detent plunger (14) will fly out.



1BL0173

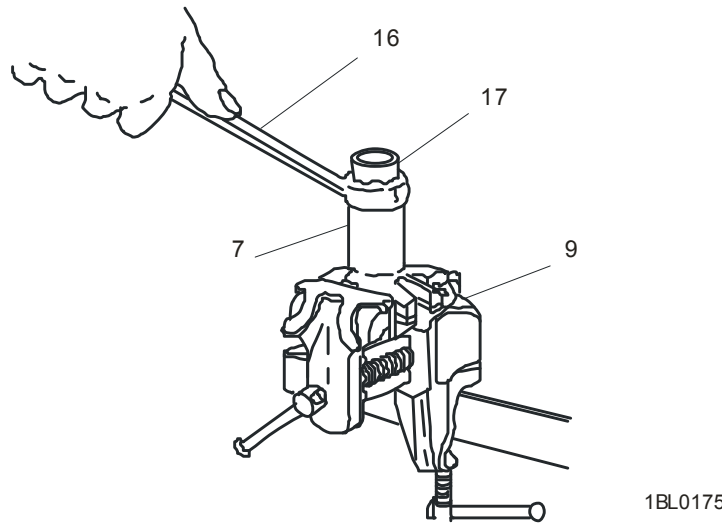
OLD STYLE BUFFERS ONLY:

Punch spring pin (15) out of buffer assembly and plug assembly (7) and discard.

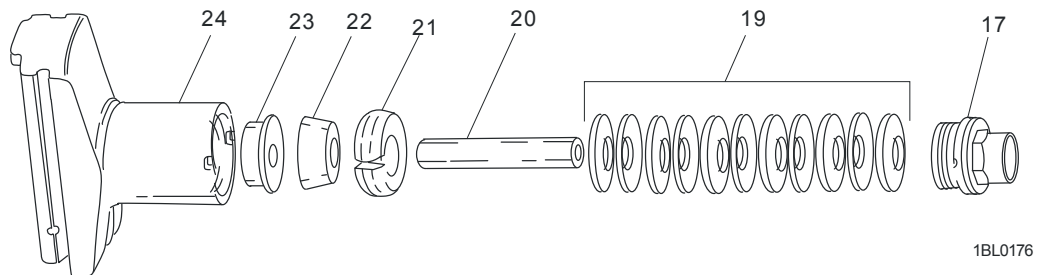


1BL0174

Reposition buffer and plug assembly (7) in vise (9) for more support and, using a 23mm box and open end combination wrench (16), loosen machine gun plug (17). Remove from vise.



Unscrew machine plug (17) and remove eleven spring washers (19), sleeve spacer (20), expansion ring (21), braking buffer cone (22), and buffer plug (23) from back plate (24).

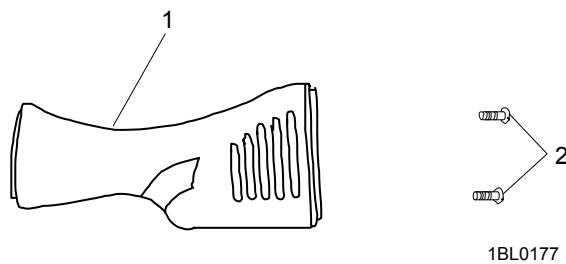


INSPECTION/REPAIR

M240B/M240L/M240N: If hydraulic buffer is loose from buffer housing, tighten.

Visually inspect buttstock (1) for cracks. If cracked, replace buttstock.

Inspect the screws (2) for burrs or stripped threads, if found replace. If hollow buttstock securing screw is broken or cracked, replace.



**FIELD MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY,
M240B/M240L/M240N, NSN 1005-001-461-2658, PN 12988986 (cont)**

INSPECTION/REPAIR (cont)

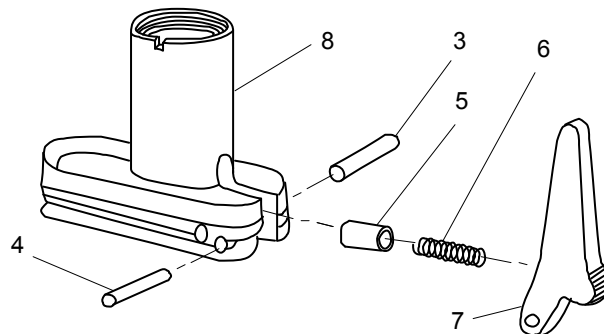
Check headed straight pin (3). Replace if bent or broken. Install new spring pin (4) if removed.

Check detent plunger (5). Replace if bent or broken.

Check helical compression spring (6) for deformation or breaks. Replace if damaged, broken, or deformed.

Check buffer catch (7) for cracks or breaks. Replace if damaged.

Check buffer housing (8) for damaged threads and burrs. Remove burrs with file.



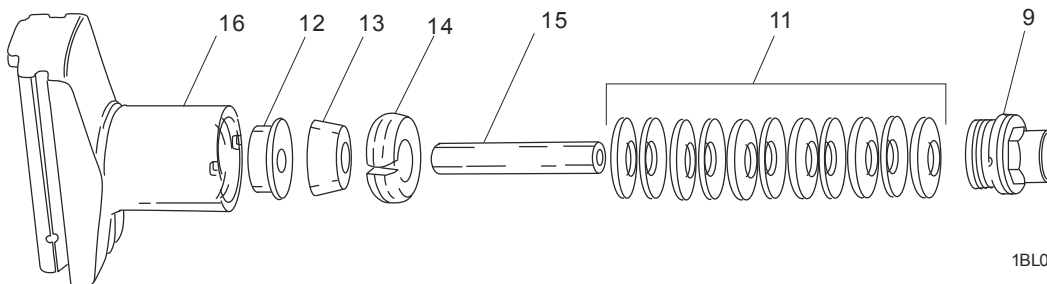
1BL0178

Check machine plug (9) for deformed threads or rounded shoulders on head. Replace if damaged.

Check eleven spring washers (11) for cracks, bends or deformation. Replace if damaged. (NOTE: Spring washers are replaced as a set.)

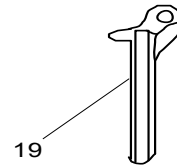
Check buffer plug (12), braking buffer cone (13), expansion ring (14), and sleeve spacer (15) for cracks, burrs, deformation or damage to mating surfaces. Replace if damaged.

Check buffer housing (16) for damaged threads and burrs. Remove external burrs with file. Replace if threads are damaged.



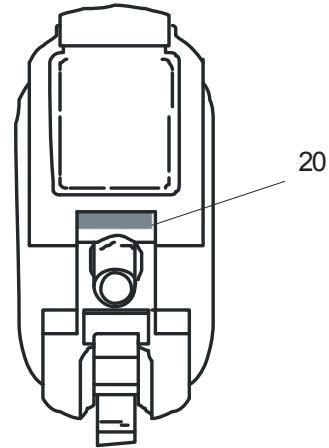
1BL0176

Check buttplate (19) for cracks, deformation and burrs. Remove burrs with file. If cracked or deformed, replace buttplate.



1BL0180

Check buffer housing for damage/cracks, peening to stop (20) above buffer shaft or finish missing from stop. Check buffer for signs of leakage and shaft damage. If damage to the buffer housing exists to include more than 1/8 inch of the finish missing from the stop, replace the buffer assembly. If the buffer shows damage or signs of leakage and the stop shows less than 1/8 inch finish missing, replace hydraulic buffer and touch-up stop with Solid Film Lubricant (SFL) to regain visual reference point for future wear to the stop.

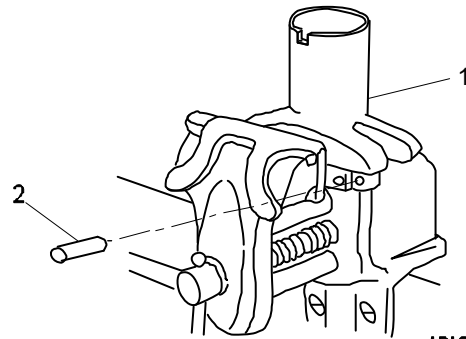


REASSEMBLY

NOTE

If new helical compression spring is installed, open end of first coil at either end to secure in detent.

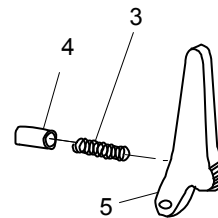
Secure backplate (1) in vise (with protective jaws) so pin holes are not covered. Install a new spring pin (2) only if removed.



1BL0181

Place helical compression spring (3), with open coil first into detent plunger (4).

Place helical compression spring (3) and detent plunger (4) into hole in back plate latch (5).



1BL0182

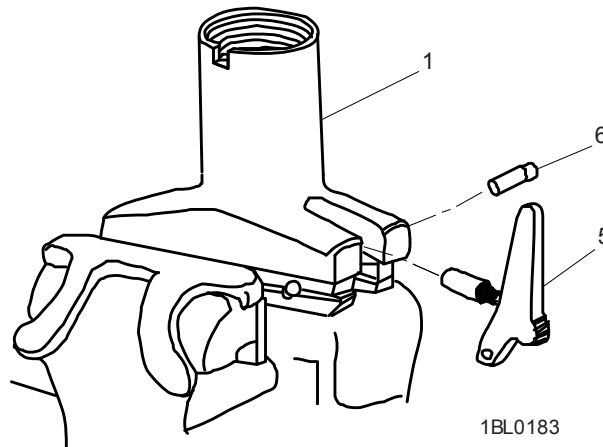
**FIELD MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY,
M240B/M240L/M240N, NSN 1005-001-461-2658, PN 12988986 (cont)**

REASSEMBLY (cont)

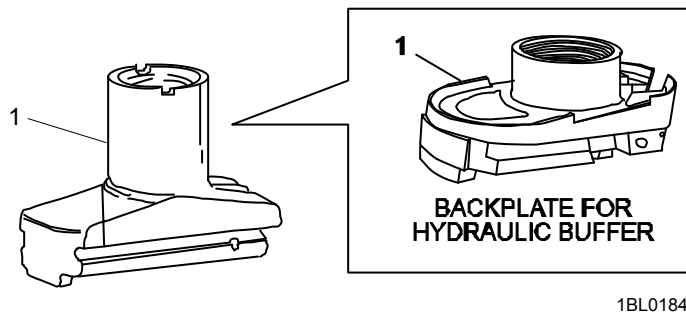
CAUTION

Be sure headed straight pin (6) does not stick into channels of the backplate (1).

Install back plate latch (5) (with helical compression spring and detent plunger) into backplate (1). Align holes in backplate (1) and back plate latch (5). Install headed straight pin (6) from right to left (smooth end of pin is installed first).



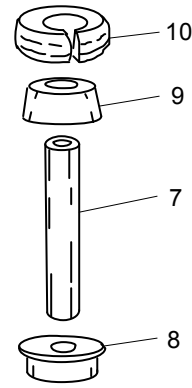
Place backplate (1) with threaded end up on a clean surface.



OLD STYLE BUFFER ONLY:

Place sleeve spacer (7) into buffer plug (8).
Install braking buffer cone (9) with its base against buffer plug (8).

Place tapered surface of expansion ring (10) against tapered surface on braking buffer cone (9).



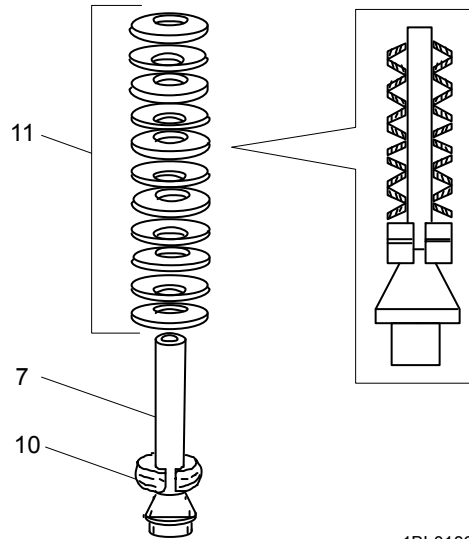
1BL0185

Apply light coat of lubricant to all eleven spring washers (11).

Install eleven spring washers (11) on sleeve spacer (7). Place the concave surface of the first washer against expansion ring (10). Check washer sequence diagram. Place second washer in the opposite direction with its convex surface against the first washer.

Place the concave surface of the third washer against the concave surface of the second washer.

Continue this sequence until all eleven washers (11) are assembled on sleeve spacer (70). Check assembled washers with spring washer sequence diagram.

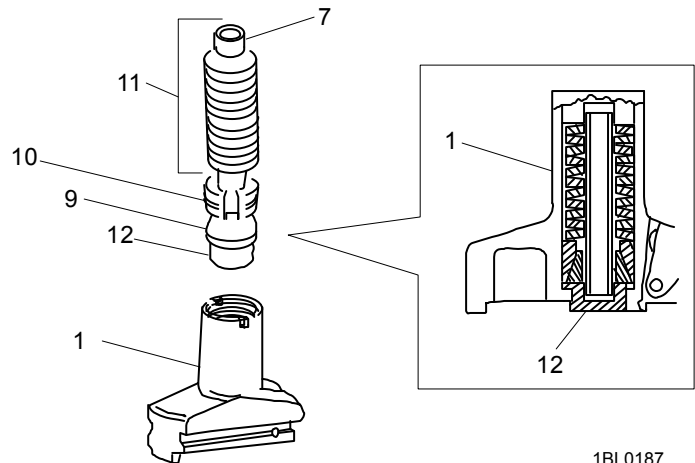


1BL0186

CAUTION

Buffer plug (12) must protrude through the hole in the back plate (1).

Install sleeve spacer (7), buffer plug (12), braking buffer cone (9), expansion ring (10), and spring washers (11) in back plate (1).



1BL0187

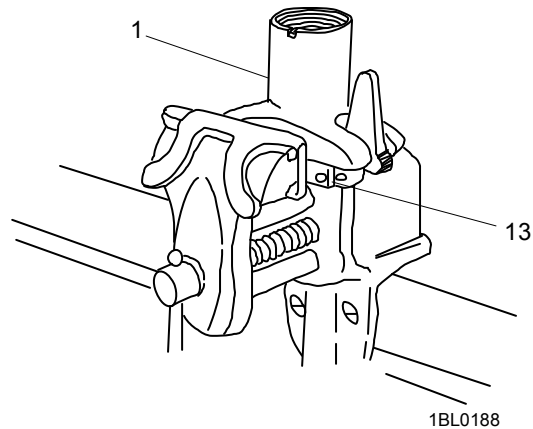
**FIELD MAINTENANCE OF
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY,
M240B/M240L/M240N, NSN 1005-001-461-2658, PN 12988986 (cont)**

REASSEMBLY (cont)

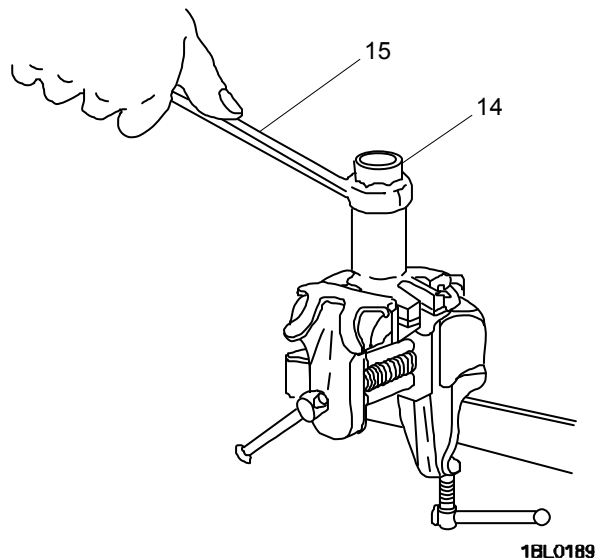
CAUTION

Do not over-tighten vise on back plate.

Place back plate (1) in a vise (with protective jaws) at the two forward ribs (13) and secure.



Install machine screw plug (14) and tighten securely with 23mm box and open end combination wrench (15) and back off as necessary to align hole.



NOTE

Back plate (1) and machine plug (14) are matched pairs and must be ordered as such.

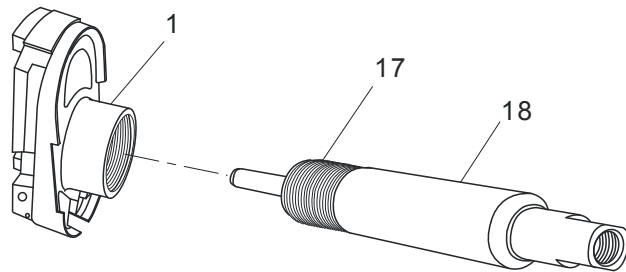
NEW STYLE BUFFER (M240B/M240L/M240N):

NOTE

Remove buffer only for replacement.

Apply sealing compound to threads (17) of new buffer (18).

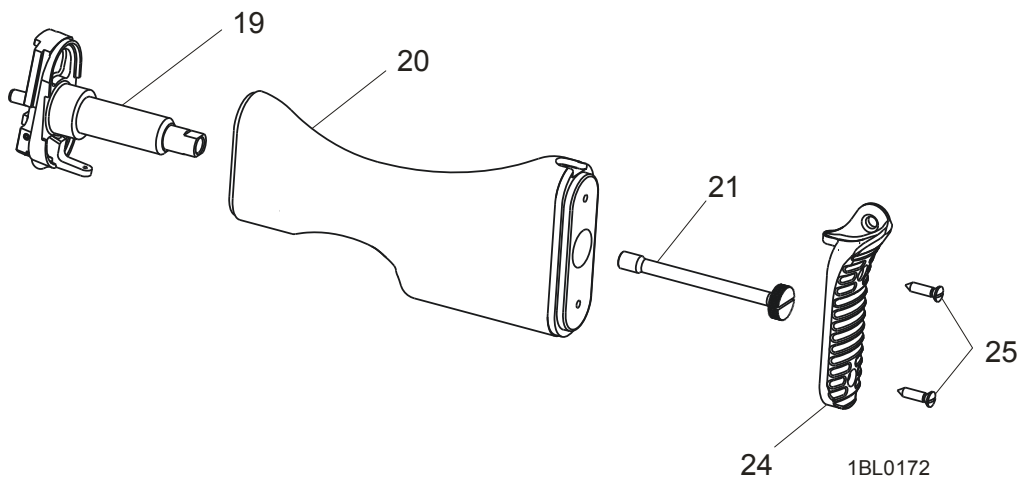
Screw new hydraulic buffer to back plate (1). Allow one hour cure time for sealing compound.



1BL0191

Install the buffer housing and plug assembly (19) into the front end of the buttstock (20); secure firmly with the butt securing screw (21).

Attach the buttplate (24) using the two screws (25).



END OF WORK PACKAGE

FIELD MAINTENANCE FOR BOLT AND OPERATING ROD ASSEMBLY
M240/M240C/M240E1, NSN N/A, PN 11826070,
M240B/M240D/M240H/M240L/M240N, NSN N/A, PN 12976866 (cont)

This task covers: a. Disassembly b. Inspection c. Repair d. Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

(TM

Materials/Parts

Crocus cloth, abrasive (item 3, WP 0065 00)
 Spring, pin (1), PN 11826068-1

Equipment Condition

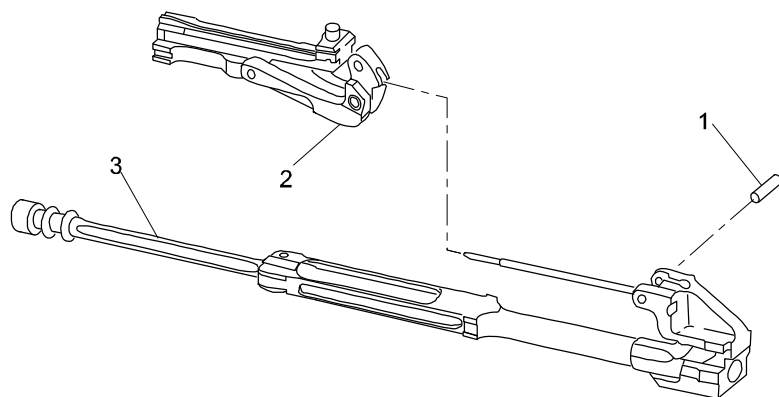
Bolt and operating rod removed from receiver
 9-1005-313-10).

DISASSEMBLY

NOTE

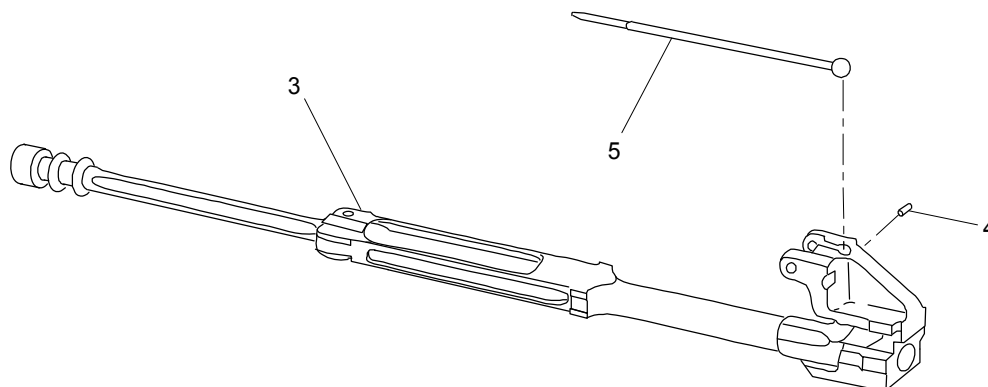
Replacement of the firing pin, bolt assembly, or the operating rod assembly requires gaging (WP 0027 00).

Remove spring-loaded pin (1) and bolt assembly (2) from operating rod assembly (3).



1BL0065

Remove spring pin (4) and firing pin (5) from operating rod assembly (3) only if firing pin is damaged. Discard spring pin.



1BL0066

FIELD MAINTENANCE FOR BOLT AND OPERATING ROD ASSEMBLY
M240/M240C/M240E1, NSN N/A, PN 11826070,
M240B/M240D/M240H/M240L/M240N, NSN N/A, PN 12976866 (cont)

INSPECTION

NOTE

If bolt and/or operating rod assembly is replaced, perform headspace gaging (WP 0027 00).

Slight rotation of the piston end (1) of the operating rod assembly in its housing is normal and not a cause for rejection.

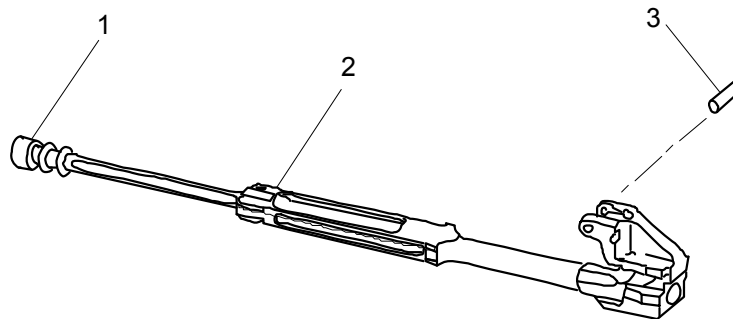
Inspect operating rod assembly (2) for bends, breaks, burrs, or cracks. Replace if damaged.

Inspect spring-loaded pin (3) for damage or burrs. Replace if damaged.

NOTE

Slight rotation of piston end of operating rod assembly (2) in its housing is normal and is not cause for rejection.

Replace operating rod assembly (2) if damaged (Marine Corps replace at unit maintenance).

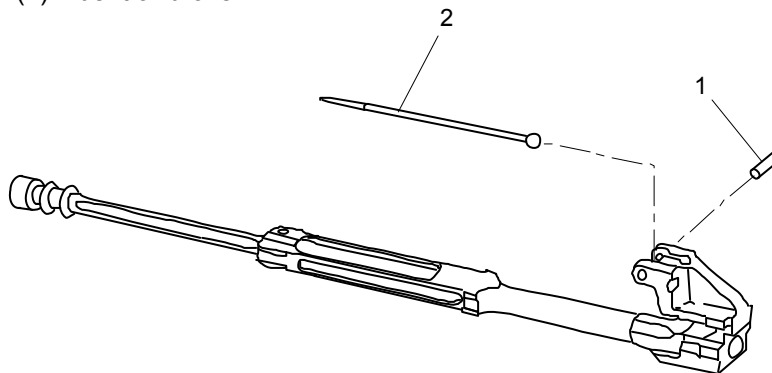


1BL0192

REPAIR

Remove burrs from spring-loaded pin (1) with crocus cloth (item 3, WP 0065 00). Replace if burrs cannot be removed.

Replace firing pin (2) if bent or broken.



1BL0068

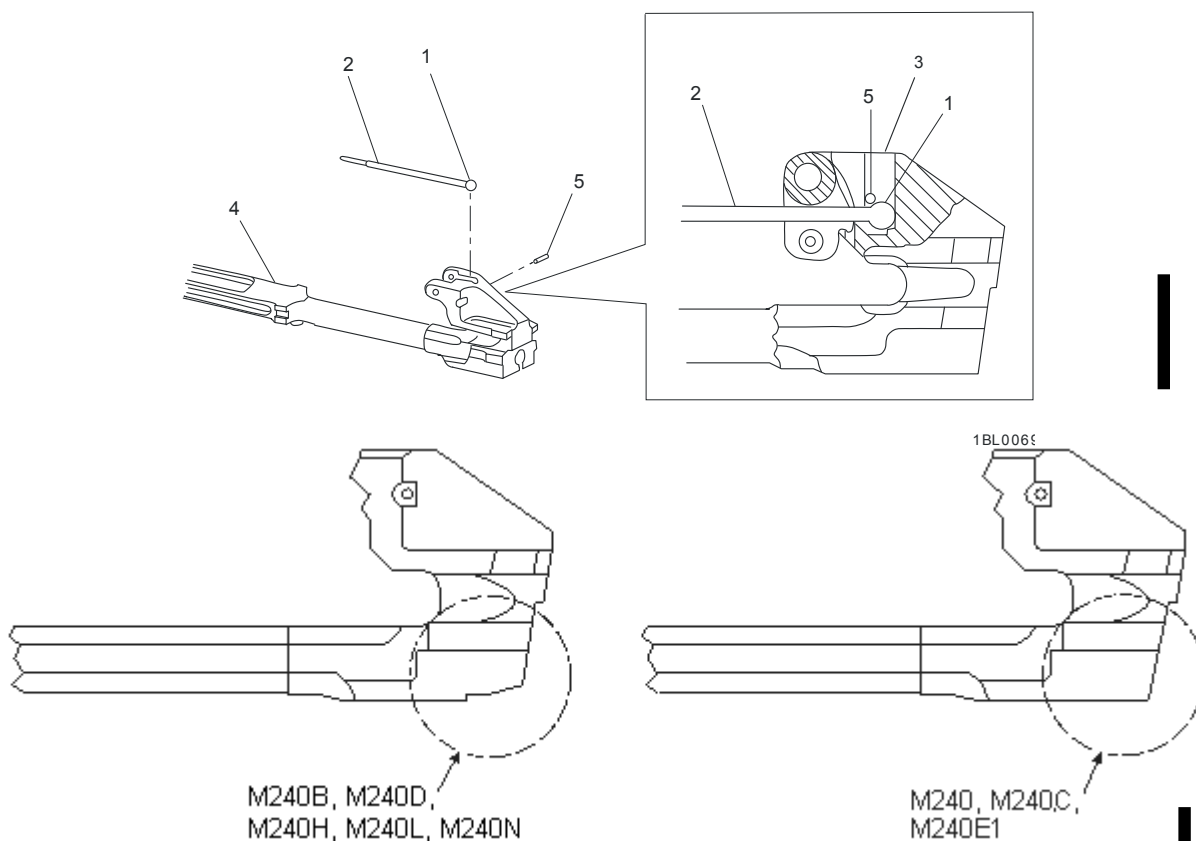
REASSEMBLY

NOTE

The ball end of the firing pin must be positioned in groove between the spring pin hole and the bottom of the groove in the operating rod assembly.

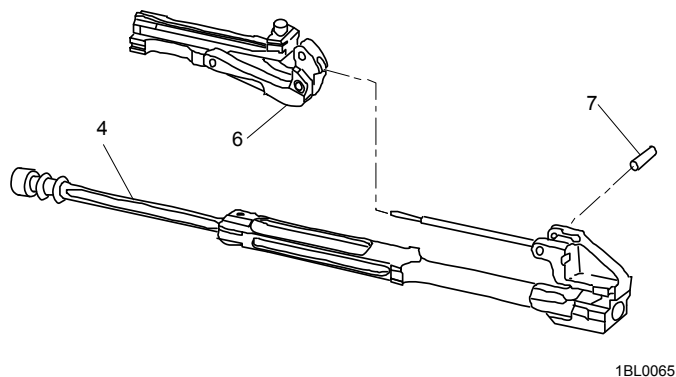
Install ball end (1) of the firing pin (2) into the groove (3) in operating rod assembly (4).

Install new spring pin (5) so that the ball end (6) of firing pin (2) is properly seated in groove (3) of operating rod assembly (4).



Install bolt assembly (6) on operating rod assembly (4) and secure with spring pin (7).

Make sure bolt linkage moves freely by moving bolt assembly (6) through range of operation. If movement is not free, check spring pin (7) and mating surfaces for damages.



END OF WORK PACKAGE

**FIELD MAINTENANCE FOR BOLT ASSEMBLY
M240 SERIES, NSN N/A, PN 11826057**

This task covers: a. Disassembly b. Cleaning c. Inspection/Repair d. Reassembly

INITIAL SETUP

Tools and Special Tools

- Combination tool, PN 11826059
 - Ejector removing tool, PN 11826076
 - Shop Set, Small Arms: Field Maintenance
Basic Less Power, PN SC 4933-95-CL-A11;
 - Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71
 - SL-3-08724A (Marine Corps only);
 - SL-3-00607A (Marine Corps only)
- Equipme

Materials/Parts (cont)

- Cleaner, lubricant and preservative (CLP)
(item 1, WP 0065 00)
- Pin, Spring, PN 11826068-3
- Solvent cleaning compound (RBC)
(item 2, WP 0065 00)
- Weapons lubricating oil (as required)
- Wiping rag, (item 11, WP 0065 00)

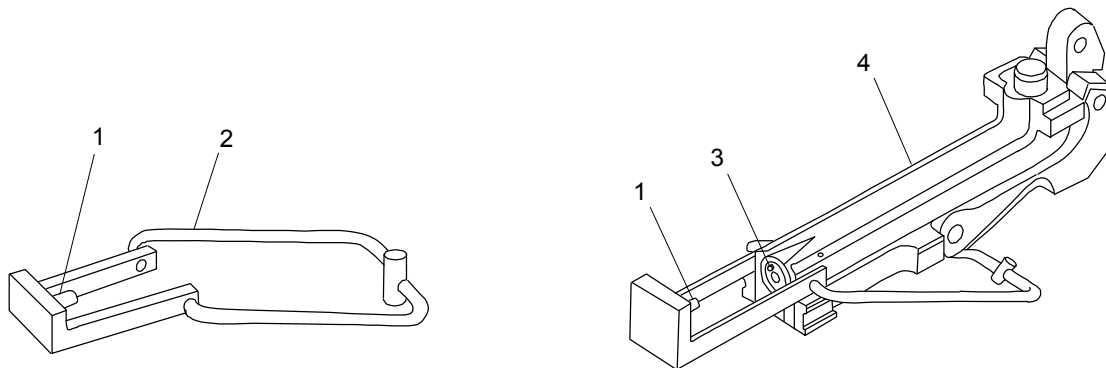
nt Condition

Bolt assembly disassembled from operating rod
9-1005-313-10).

(TM

DISASSEMBLY

Align pin (1) of ejector removing tool (2) with groove in ejector (3) in bolt assembly (4).



1BL0070

**FIELD MAINTENANCE FOR BOLT ASSEMBLY
M240 SERIES, NSN N/A, PN 11826057**

DISASSEMBLY (cont)

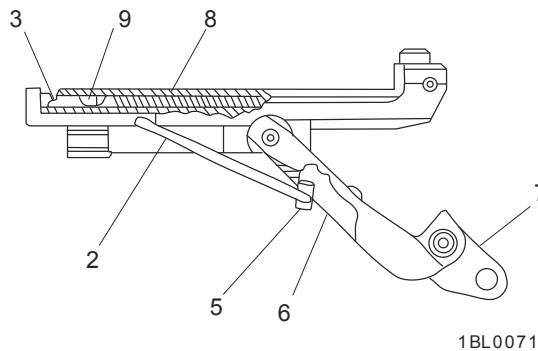
Insert stud (5) into locking recess (6) of locking lever (7).



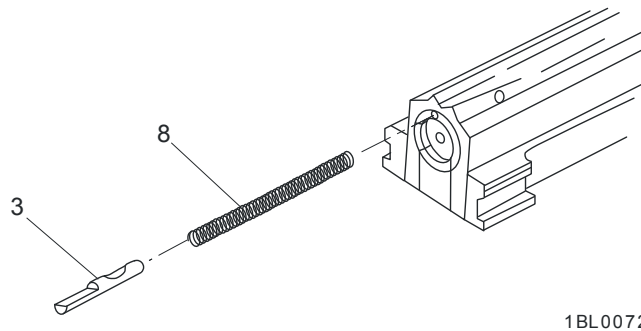
Wear eye protection and point bolt face away from your face and other personnel. The spring can fly out and cause injury.

Apply pressure to ejector (3) by pushing up on locking lever (7) to relieve spring tension on helical compression ejector spring (8) and drive out spring pin (9). Discard spring pin.

Release and remove ejector removing tool (2).



Remove ejector (3) and helical compression spring (8).



NOTE

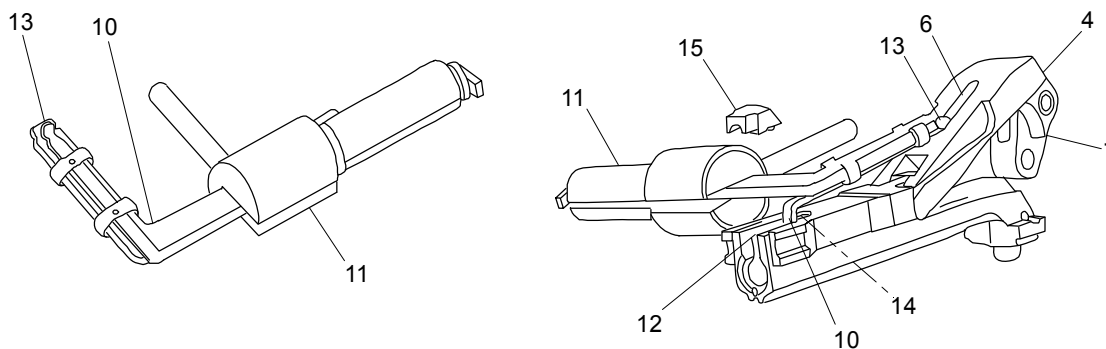
Refer to WP 0029 00 for fabrication instructions of a protective cover for combination tool.

Insert thin edge (10) of combination tool (11) in groove (12) of extractor plunger and thick edge (13) in locking recess (6) in bottom side of bolt assembly (4).

WARNING



Wear eye protection and point bolt face away from your face and other personnel. The spring can fly out and cause injury.



1BL0073

Hold combination tool (11) and push locking lever (7) downward to compress extractor spring assembly (14).

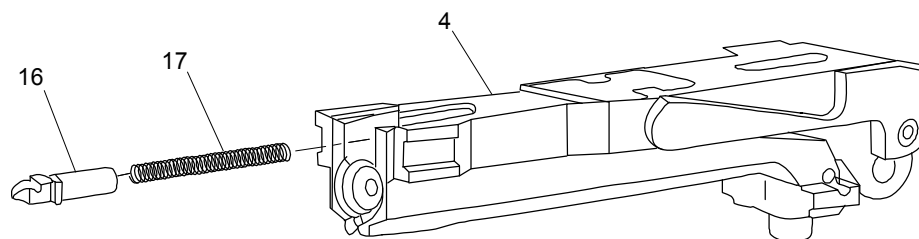
Maintaining pressure on combination tool (11), remove extractor (15) by pushing down on front of it.

WARNING



Wear eye protection and point bolt face away from your face and other personnel. The spring can fly out and cause injury.

Remove combination tool. Remove extractor plunger (16) and extractor spring assembly (17) from bolt (4).



1BL0074

FIELD MAINTENANCE FOR BOLT ASSEMBLY M240 SERIES, NSN N/A, PN 11826057

CLEANING

CAUTION

Do not lubricate face of bolt assembly.

Remove dirt and corrosion from all parts using wiping rag (item 11, WP 0065 00) dampened with RBC (item 2, WP 0065 00) or CLP (item 1, WP 0065 00). Lightly lubricate all parts, except top surface and face of bolt assembly after cleaning.

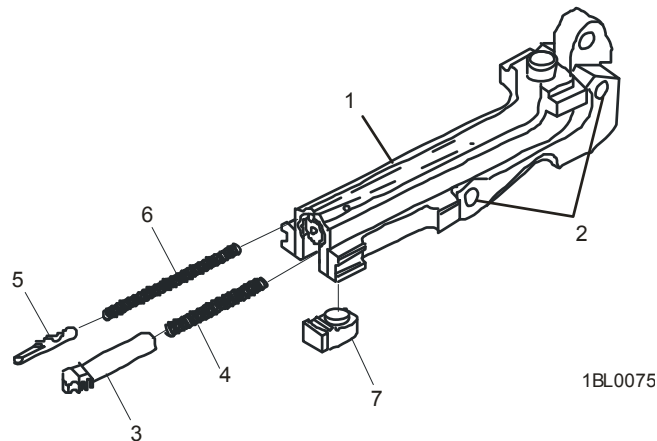
INSPECTION/REPAIR

NOTE

If bolt and/or operating rod assembly is replaced, perform headspace gaging (WP 0027 00).

Visually inspect bolt assembly (1) for cracks. If bolt assembly is damaged, replace bolt assembly.

Be sure all pivot points (2) move freely. If pivot points do not move freely, clean and lubricate. If this does not free the pivot points, replace the bolt assembly. Rivets of pivot points must be flush to surface and remain in position.



Be sure bolt linkage moves freely through range of operation. Replace it if it does not move freely. (Marine Corps replace at unit maintenance.)

Inspect extractor plunger (3), extractor spring assembly (4), ejector (5), helical compression ejector spring (6), and extractor (7) for damage. Replace if damaged.

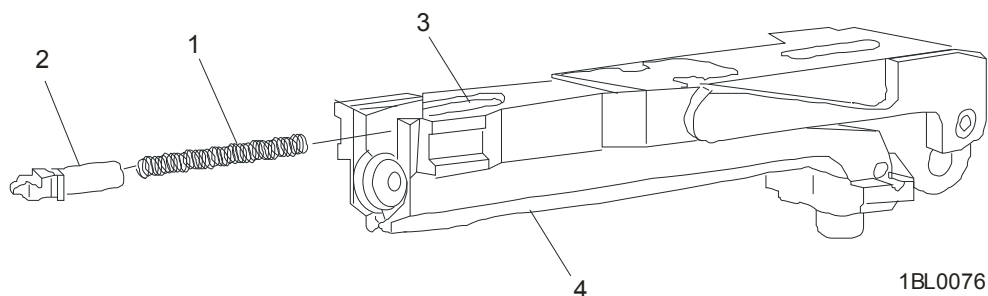
REASSEMBLY

WARNING

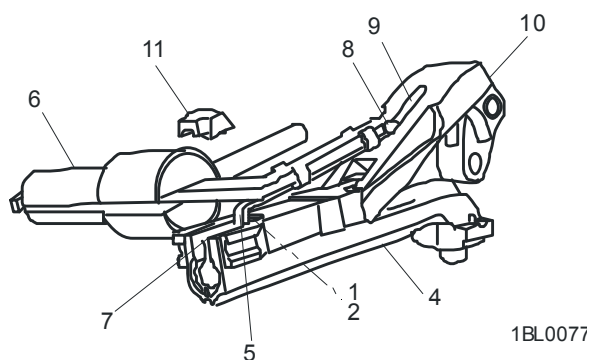


Wear eye protection and point bolt face away from your face and other personnel. The spring can fly out and cause injury.

Make sure the first coil on one end of extractor spring assembly (1) is open slightly. Place the open end of the extractor spring assembly (1) in extractor plunger (2). (The open end of the extractor spring assembly should hold the extractor spring assembly in the extractor plunger.) Place extractor spring assembly (1) and extractor plunger (2) in hole in bolt face (3) of bolt assembly (4) (extractor spring assembly end goes in first).



Insert thin edge (5) of combination tool (6) in groove (7) of extractor plunger (2) and thick edge (8) in locking recess (9) in bottom side of bolt assembly (4).



Hold combination tool (6) and push locking lever (10) downward to compress extractor spring assembly (1) and extractor plunger (2).

Insert extractor (11) into bolt assembly (4). Release combination tool (6) until extractor plunger (2) makes contact with extractor (14).

Remove combination tool (6).

WARNING



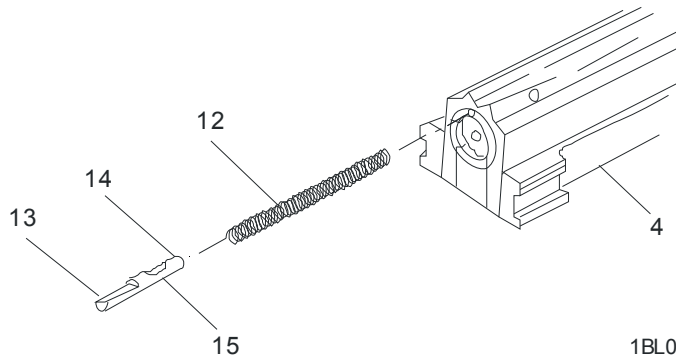
Wear eye protection and point bolt face away from your face and other personnel. The spring can fly out and cause injury.

**FIELD MAINTENANCE FOR BOLT ASSEMBLY
M240 SERIES, NSN N/A, PN 11826057**

REASSEMBLY (Cont)

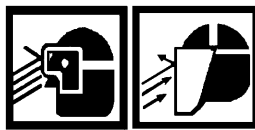
Install helical compression ejector spring (12) in bolt assembly (4).

With groove (13) facing upward (shoulder end (14) goes in first), install ejector (15) in bolt assembly (4).



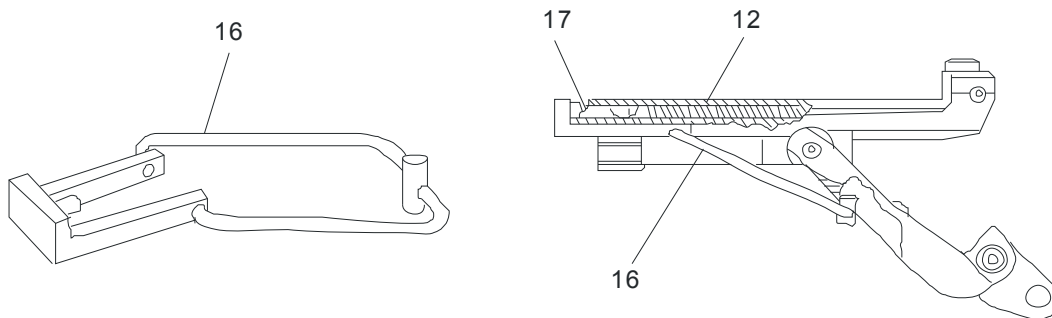
1BL007E

WARNING



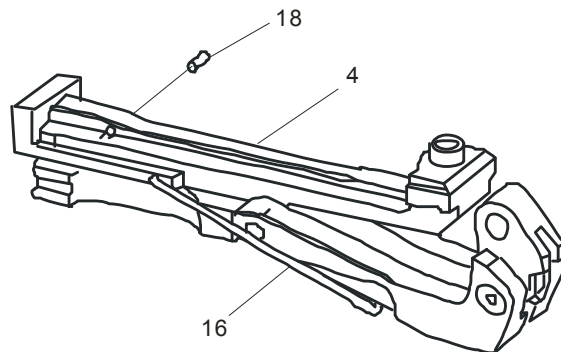
Wear eye protection and point bolt face away from your face and other personnel. The spring can fly out and cause injury.

Install ejector removing tool (16). Apply pressure to ejector (17) and compress helical compression ejector spring (12) with ejector removing tool (16).



1BL0079

Install new spring pin (18) in bolt assembly (4). Spring pin (18) should be flush or slightly below flush. Remove ejector removing tool (16).



1BL008C

**END OF WORK PACKAGE
Change 1**

FIELD MAINTENANCE FOR BREECH BODY ASSEMBLY M240 SERIES, NSN N/A, PN 11826040

This task covers: a. Disassembly b. Cleaning c. Inspection/Repair d. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance
Basic Less Power, PN SC 4933-95-CL-A11;
Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Equipment

Materials/Parts

Cleaner, lubricant and preservative (CLP)
(item 1, WP 0065 00)

Materials/Parts (cont)

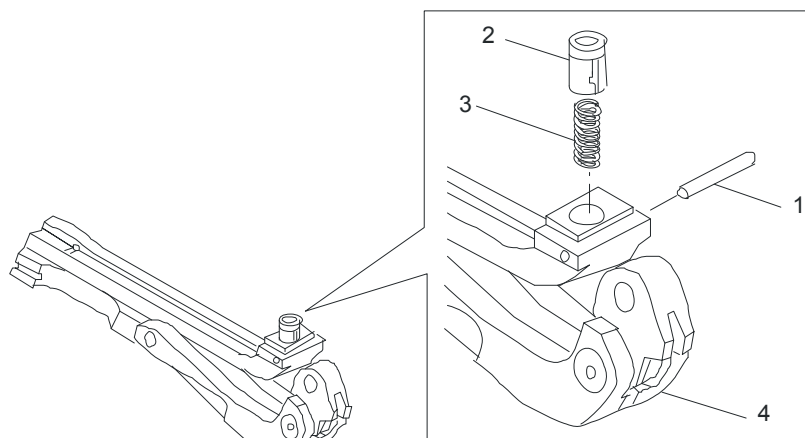
Pin, Straight Headed, PN 11826047
Solvent cleaning compound (RBC)
(item 2, WP 0065 00)
Weapons lubricating oil (as required)
Wiping rag, (item 11, WP 0065 00)

Initial Condition

Bolt assembly disassembled from operating rod
(TM 9-1005-313-10).

DISASSEMBLY

Remove pin (1), roller (2), and spring (3) from bolt assembly (4). Discard pin.



1BL0194

CLEANING

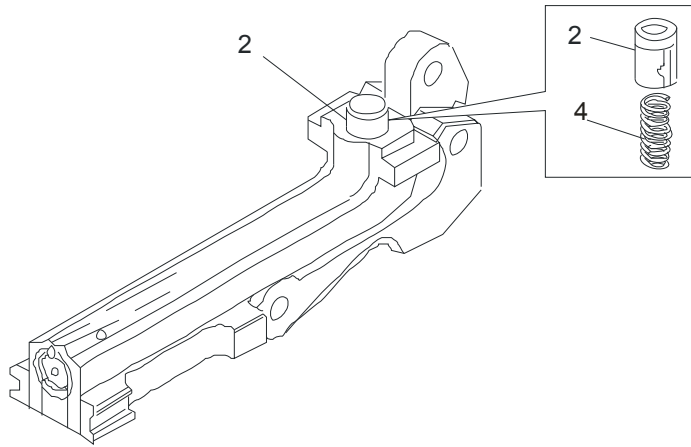
CAUTION

Do not lubricate face of bolt assembly.

Remove dirt and corrosion from all parts using wiping rag (item 11, WP 0065 00) dampened with RBC (item 2, WP 0065 00) or CLP (item 1, WP 0065 00). Lightly lubricate all parts, except top surface and face of bolt assembly after cleaning.

**FIELD MAINTENANCE FOR BREECH BODY ASSEMBLY
M240 SERIES, NSN N/A, PN 11826040 (Cont)**

INSPECTION/REPAIR

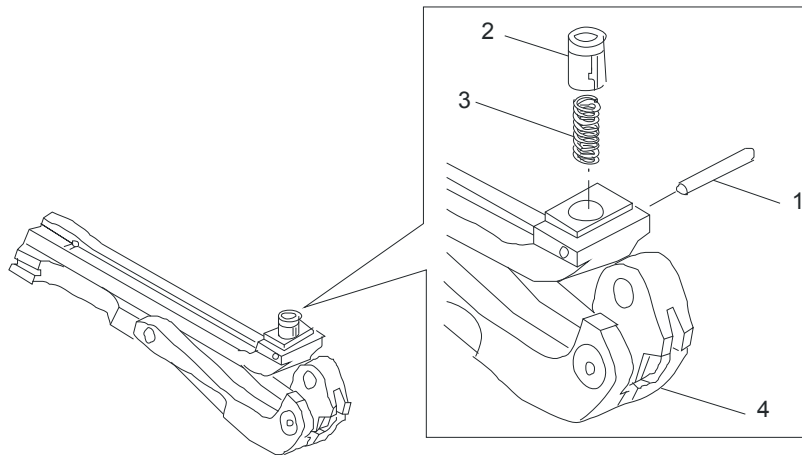


Check roller (2) on top of bolt assembly (4) for spring action and freedom of movement. Replace roller if roller does not move freely. (Marine Corps replace at unit maintenance.)

Replace roller (2) if it is damaged or missing.

Replace spring (3) if weak or corroded.

REASSEMBLY



1BL0194

NOTE

If roller (2) is replaced, install new pin (1) and new spring (3).

Install new spring (3), roller (2), and new pin (1) into bolt assembly (4).

END OF WORK PACKAGE

FIELD MAINTENANCE OF TRIGGER HOUSING ASSEMBLY

**M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240D/M240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070**

This task covers: a. Disassembly b. Cleaning/Inspection/Repair c. Lubrication d. Reassembly

INITIAL SETUP**Tools and Special Tools**

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)
Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts (cont)

Crocus abrasive cloth (item 3, WP 0065 00)
Nut, Self-locking, PN MS21083-C6
Solvent cleaning compound (RBC)
(item 2, WP 0065 00)
Weapons lubricating oil (as required)
Wiping rag (item 11, WP 0065 00)

Materials/Parts

Bar laundry soap (item 14, WP 0065 00)
Cleaner, lubricant and preservative (CLP)
(item 1, WP 0065 00)

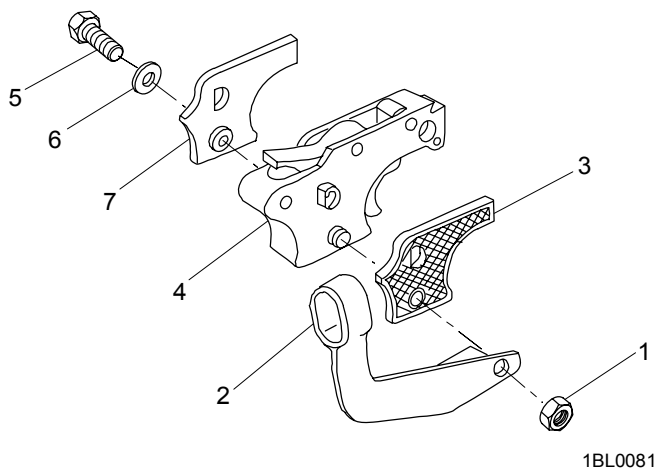
Equipment Condition

Trigger housing assembly removed from
receiver (TM 9-1005-313-10).

NOTE

Charger cable guide and flat washer are only on the M240 and M240C models.

Unscrew self-locking nut (1), and remove charger cable guide (2) and right grip (3) from trigger housing (4). Remove hex head machine bolt (5), flat washer (6), and left hand grip (7) from trigger housing (4). Discard self-locking nut.



FIELD MAINTENANCE OF TRIGGER HOUSING ASSEMBLY

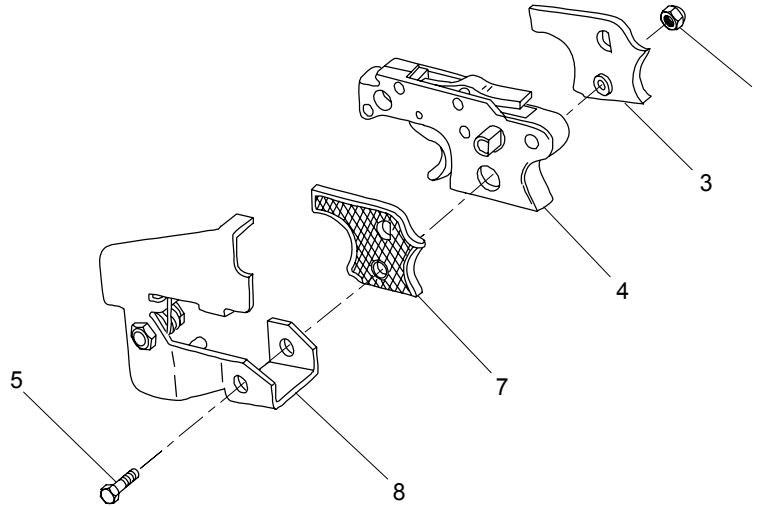
**M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240D/M240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070 (cont)**

DISASSEMBLY (cont)

NOTE

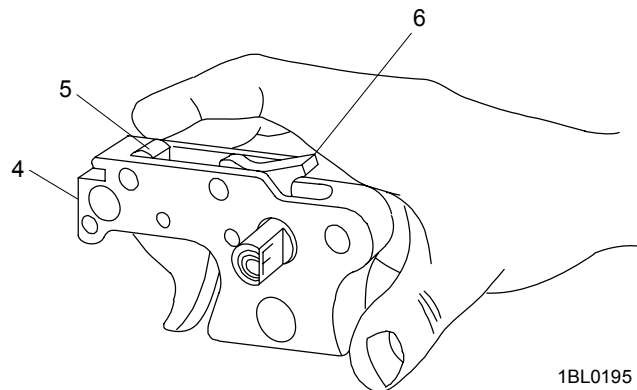
The trigger actuating assembly is on the M240D and M240E1 models (WP 0018 00).

Unscrew self-locking nut (1), and remove right grip (3). Remove hex head machine bolt (5), trigger actuating assembly (8), and left grip (7) from trigger housing (4). Discard self-locking nut.



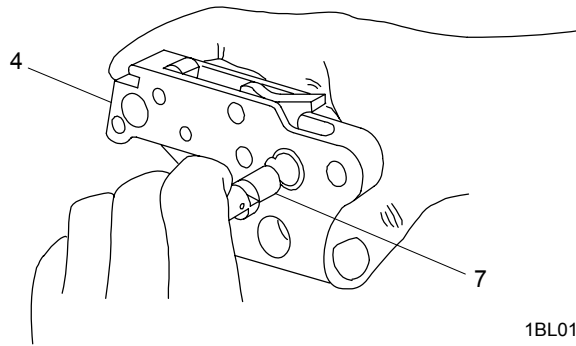
1BL0082

Pull back on tripping lever (5) inside trigger housing (4) and raise sear (6).

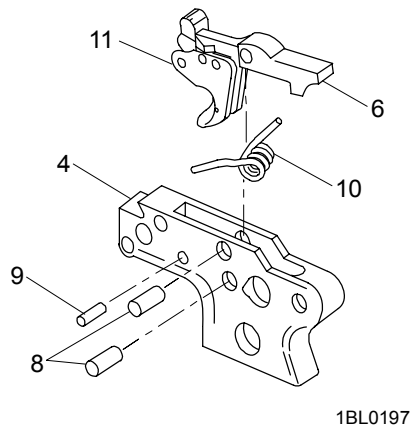


1BL0195

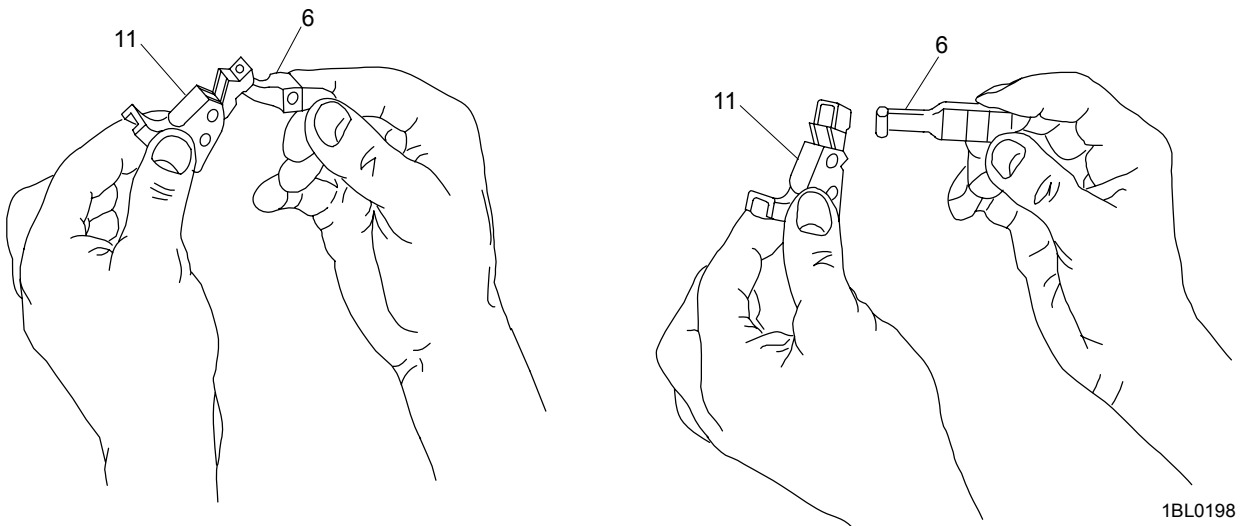
Rotate safety (7) a quarter turn clockwise (as viewed from left side). Letters "S" and "F" will face downward. Pull safety (7) through trigger housing (4) from right to left.



Remove three headless straight pins (8) and (9), and remove sear (6), sear spring (10), and trigger (11) from trigger housing (4).



Separate sear (6) and trigger (11) by giving sear one quarter turn, freeing it from slot in lever.



FIELD MAINTENANCE OF TRIGGER HOUSING ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240D/M240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070 (cont)

CLEANING/INSPECTION/REPAIR

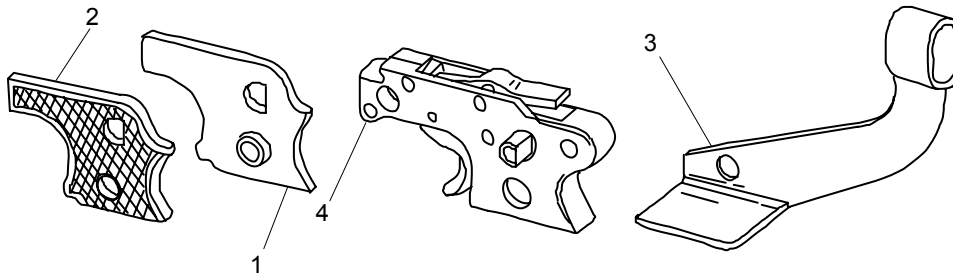
Remove dirt and corrosion on grips (1 and 2) with soap (item 14, WP 0065 00) and water and wipe dry with rag (item 11, WP 0065 00).

Clean all other parts with wiping rag (item 11, WP 0065 00) dampened with RBC (item 2, WP 0065 00) or CLP (item 1, WP 0065 00).

Inspect grips (1 and 2) for breaks and cracks. Replace if cracked or broken.

Inspect charger cable guide (3) for bends. Replace if bent. (M240/M240C only)

If trigger housing (4) is damaged, repair. (Marine Corps repair at unit maintenance.)



Inspect front edge of trigger (5). Replace if chipped or if burrs cannot be removed.

Pull tripping lever (6) rearward. Replace trigger (5) if tripping lever does not return to position without binding.

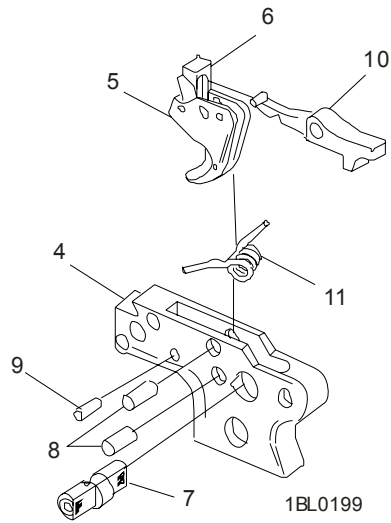
Check safety (7) for burrs, damaged detent, or distorted lettering. Replace if burrs cannot be removed with crocus cloth (item 3, WP 0065 00) or safety is damaged.

Check headless straight pins (8 and 9) and replace if bent.

Check sear (10) and replace if broken, cracked or worn.

Check sear spring (11) and replace if broken or distorted.

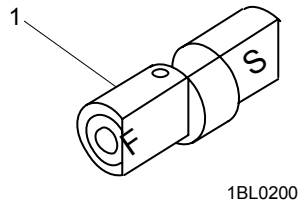
Check trigger housing (4) and replace if broken, cracked, or holes are elongated.



LUBRICATION

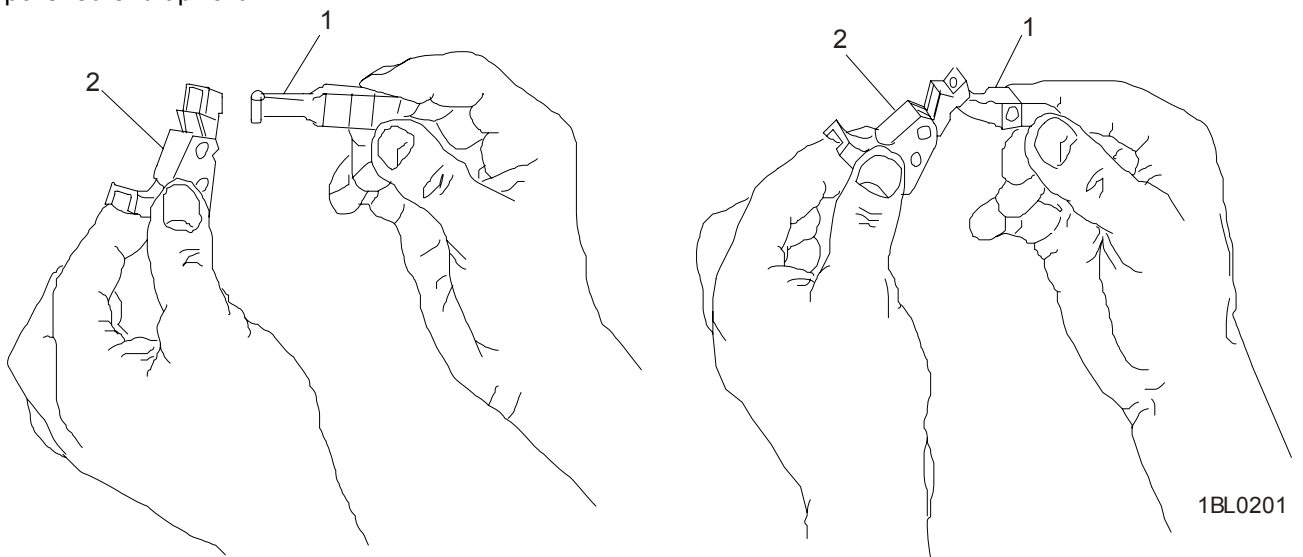
Lightly lubricate all metal parts after cleaning.

Take care to be sure safety (1) is clean and lightly lubricated.



REASSEMBLY

Insert sear (1) into slot in trigger (2) sideways. Give the sear a quarter turn, as viewed from left side, polished end upward.



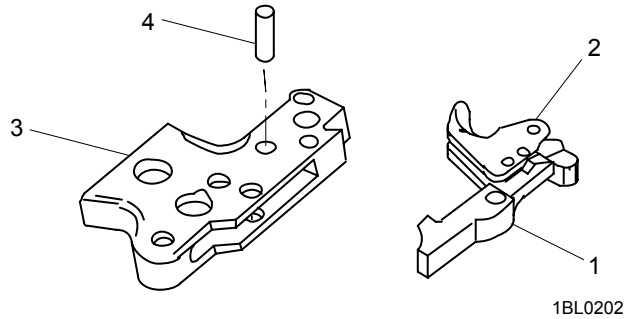
FIELD MAINTENANCE OF TRIGGER HOUSING ASSEMBLY

**M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240D/M240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070 (cont)**

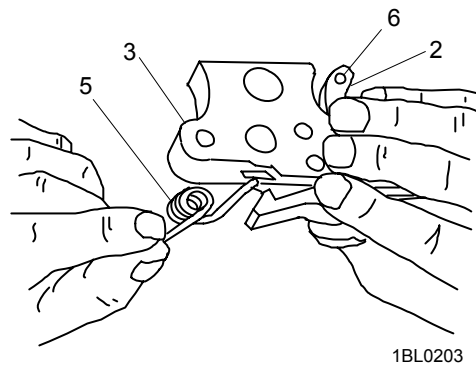
REASSEMBLY (cont)

Place trigger housing (3) on its side on a flat surface.

Lower sear (1) and trigger (2) into trigger housing (3). Grasping trigger, press it forward against the inner front edge of housing. This action will push backward on the lever allowing the trigger to slide into place. Align holes in trigger (2) and trigger housing (3). Insert headless straight pin (4).



Insert sear spring (5), with leg pointing forward, into trigger housing (3). The lower tip of sear spring (5) must bear against riveted pin (6) across the back of trigger (2) when trigger is later rotated rearward.

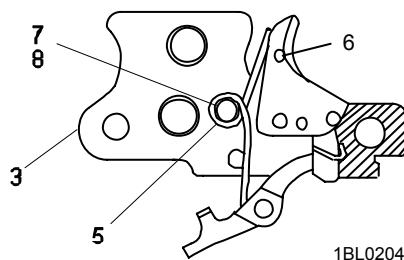


NOTE

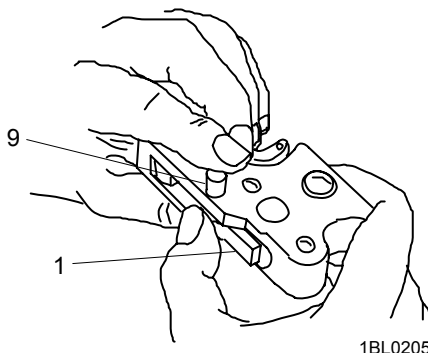
Be sure leg of sear spring (5) is in groove of sear and behind riveted pin (6) as shown.

This illustration is a cutaway view of the trigger housing.

Install one headless straight pin (7) in pin hole (8) in trigger housing (3) and through sear spring (5).



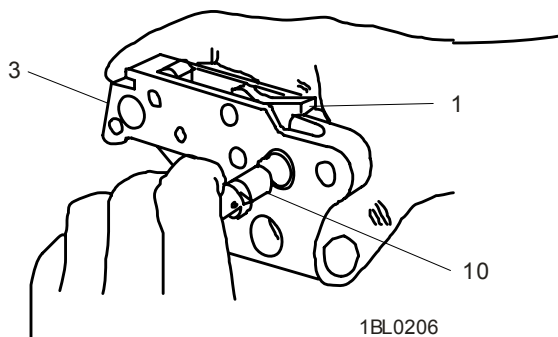
Lower sear (1) compressing sear spring and install headless straight pin (9).



1BL0205

Holding trigger housing (3), ensure sear (1) is in raised position, insert safety (10) from left to right with the letter "S" first and facing down. Detent remains outside housing.

Rotate safety (10) a quarter turn so letters "S" and "F" face rearward.

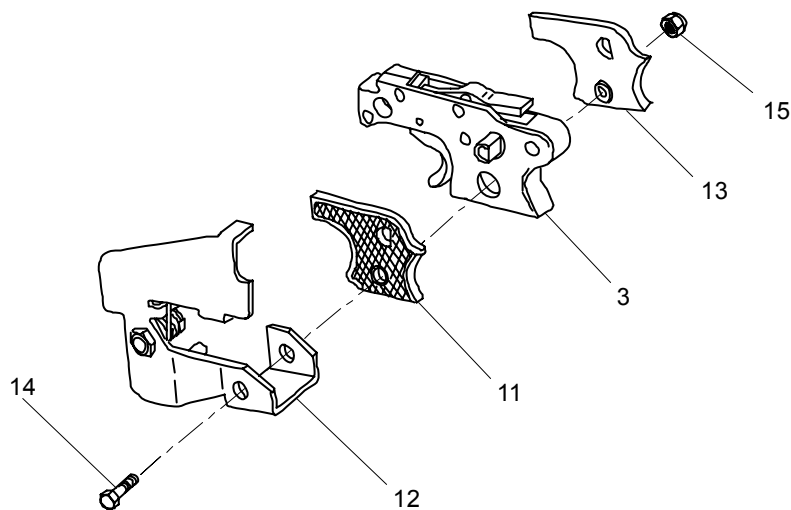


1BL0206

NOTE

The trigger actuating assembly is on the M240D, M240E1, and M240H models (WP 0018 00).

Install left grip (11) and trigger actuating assembly (12) in trigger housing (3). Install right grip (13), securing with hex head machine bolt (14) and new self-locking nut (15).



1BL0082

FIELD MAINTENANCE OF TRIGGER HOUSING ASSEMBLY
M240/M240C, NSN 1005-01-440-8010, PN 11826230; M240D/M240H, NSN N/A, PN 12977108;
AND M240E1, NSN 1005-01-394-1928, PN 12597070

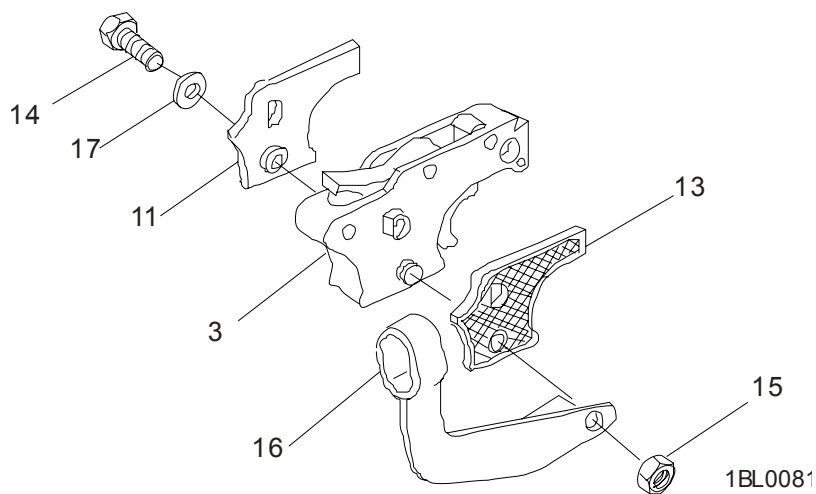
NOTE

Charger cable guide and flat washer are only on the M240 and M240C models.

Install right grip (13) and charger cable guide (16) on right side of trigger housing (3).

Install left grip (11), flat washer (17), and hex head machine bolt (14).

Secure with new self-locking nut (15).



END OF WORK PACKAGE

FIELD MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY M240B/M240N, NSN 1005-01-408-6669, PN 12976869

This task covers: a. Disassembly b. Cleaning/Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts (cont)

Crocus abrasive cloth (item 3, WP 0065 00)
Solvent cleaning compound (RBC)
(item 2, WP 0065 00)
Weapons lubricating oil (as required)
Wiping rag (item 11, WP 0065 00)

Materials/Parts

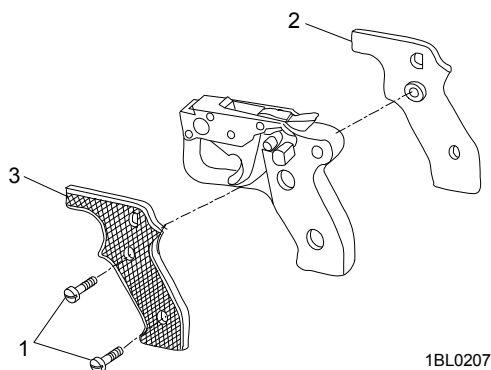
Bar laundry soap (item 14, WP 0065 00)
Cleaner, lubricant and preservative (CLP) receiver
(item 1, WP 0065 00)

Equipment Condition

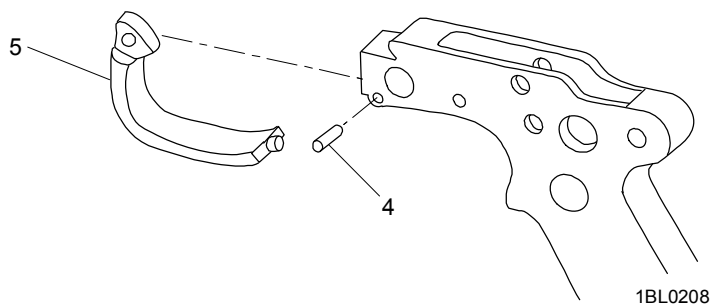
Trigger housing assembly removed from
(TM 9-1005-313-10).

DISASSEMBLY

Use a flat-tipped screwdriver to remove the two grip screws (1) holding the right (2) and left (3) grips in place.

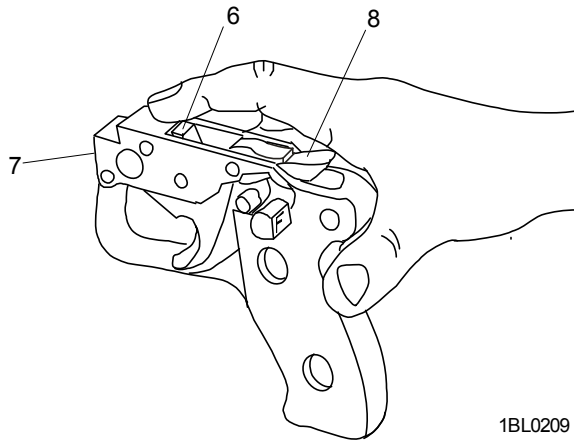


Remove trigger guard pin (4) and trigger guard (5) from the trigger housing assembly only if trigger guard is damaged.

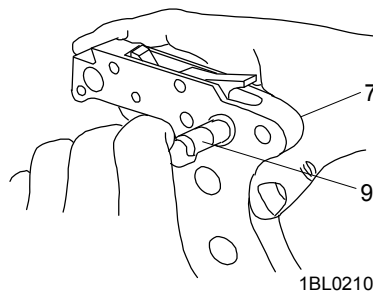


**FIELD MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240B/M240N, NSN1005-01-408-6669, PN 12976869 (cont)**

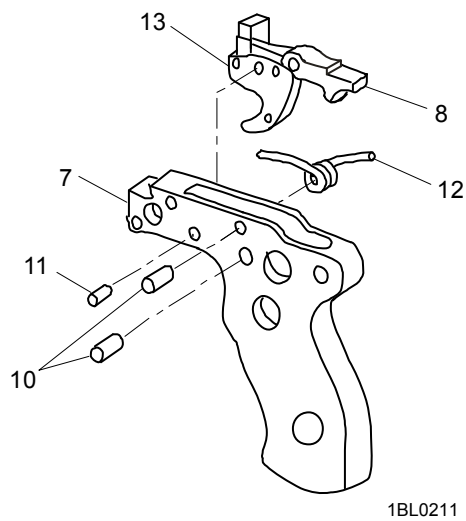
Pull back on tripping lever (6) inside trigger housing (7) and raise sear (8).



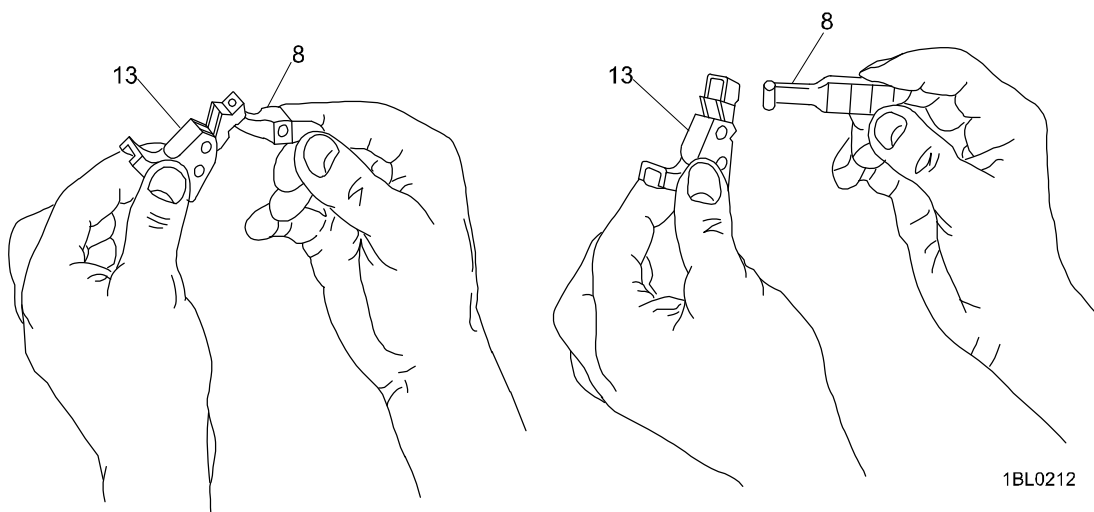
Rotate safety (9) a quarter turn clockwise (as viewed from the left side). Letters "S" and "F" will face downward. Pull safety (9) through trigger housing (7) from right to left.



Remove three headless straight pins (10 and 11). Remove sear (8), sear spring (12), and trigger (13) from trigger housing (7).



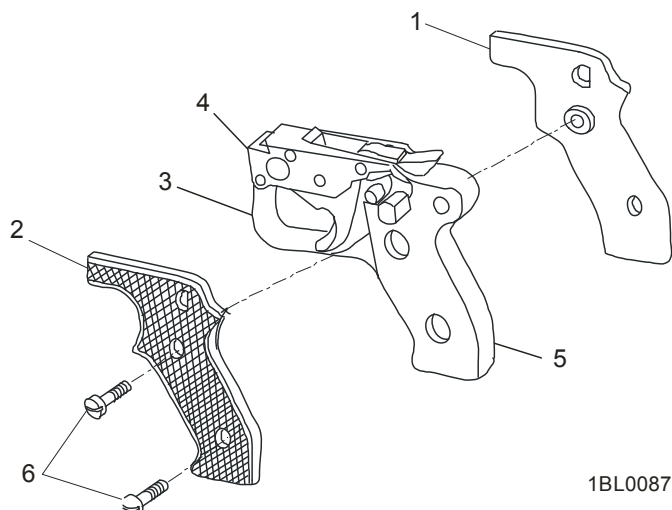
Separate sear (8) and trigger (13) by giving sear one-quarter turn, freeing it from the slot in the lever.



CLEANING/INSPECTION/REPAIR

Remove dirt and corrosion on grips (1 and 2) with soap (item 14, WP 0065 00) and water. Wipe dry with wiping rag (item 11, WP 0065 00).

Clean all other parts with a wiping rag (item 11, WP 0065 00) dampened in RBC (item 2, WP 0065 00) or CLP (item 1, WP 0065 00). Apply light coat of lubricant to all surfaces except grips.



Check trigger guard (3) and trigger guard pin (4) for cracks or bends. Replace if damaged or missing.

Check trigger housing (5) for cracks and elongated holes. If any cracks or elongated holes are present, repair.

Check grips (1 and 2) for cracks. If cracked replace the grip. Check for presence of two grip screws (6), replace if missing.

**FIELD MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240B/M240N, NSN1005-01-408-6669, PN 12976869 (cont)**

Inspect front edge of trigger (5). Replace if chipped or if burrs can not be removed.

Pull tripping lever (6) rearward. Replace trigger (5) if tripping lever does not return to position without binding.

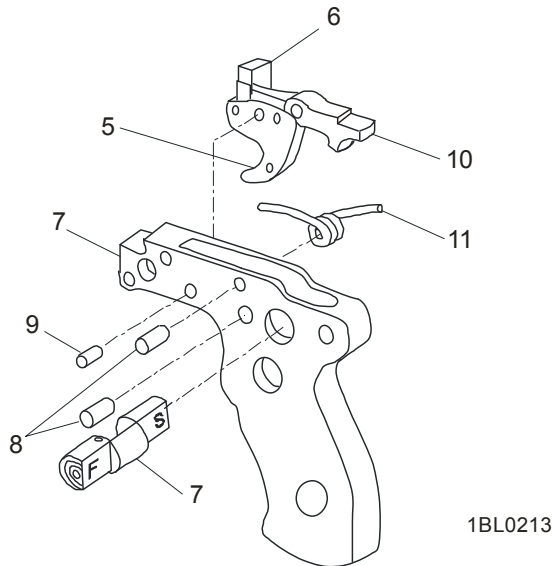
Check safety (7) for burrs, damaged detent, or distorted lettering. Replace if burrs cannot be removed with crocus cloth or if safety is damaged or letters distorted.

Check the headless straight pins (8 and 9) and replace if bent.

Check sear (10) and replace if broken, cracked, or worn.

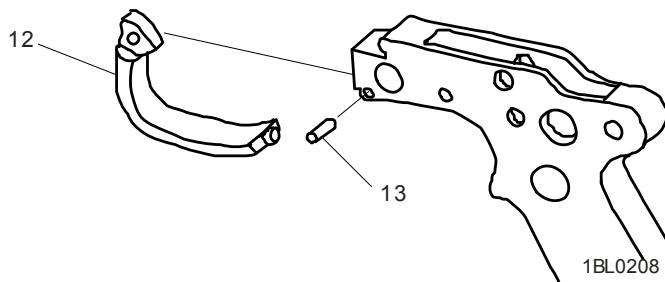
Check spring (11) and replace if broken or distorted.

Check trigger housing (5) and replace if broken, cracked, or if holes are elongated.



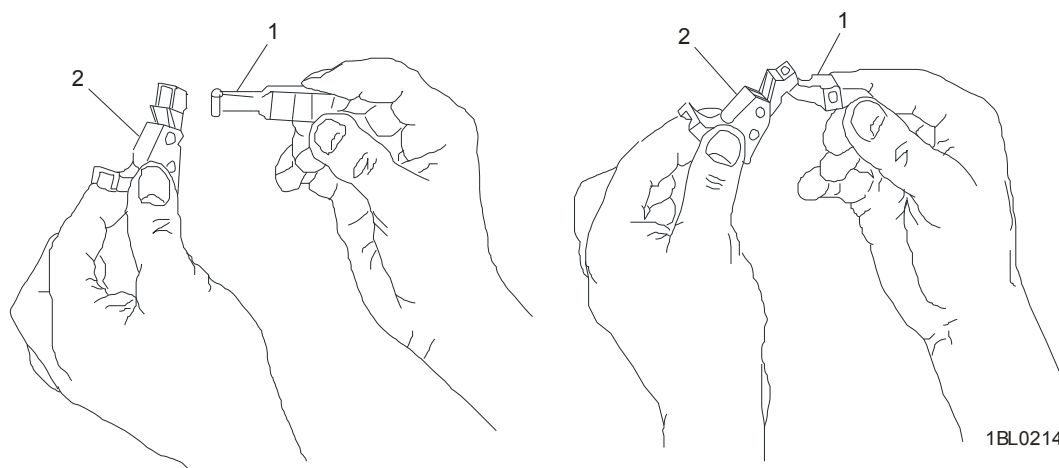
Inspect trigger guard (12) and trigger guard pin (13) and replace if cracked or bent.

Check grips and replace if cracked or broken.

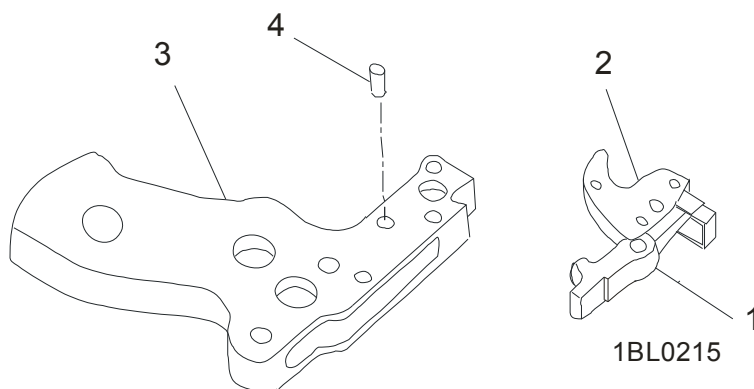


REASSEMBLY

Ensure all metal parts are lightly lubricated. Insert sear (1) into lever slot in trigger (2) sideways. Give the sear a quarter turn, as viewed from the left side, polished side up.

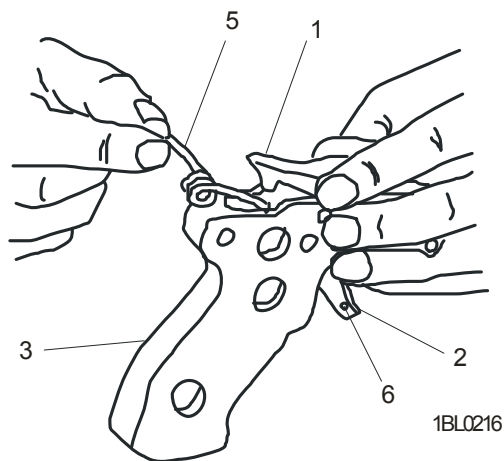


Place trigger housing (3) on its side on a flat surface.



Lower sear (1) and trigger (2) into trigger housing (3). Grasping trigger, press it forward against the inner front edge of housing. This action will push backward on the lever allowing the trigger to slide into place. Align the holes in trigger (2) and trigger housing (3). Insert headless straight pin (4).

Insert sear spring (5), with leg pointing forward, into trigger (2). The lower tip of sear spring (5) must bear against the riveted pin (6) across the back of trigger (2) when trigger is later rotated rearward.



NOTE

Be sure leg of sear spring (5) is in groove of sear (1) and behind riveted pin (6) as shown.

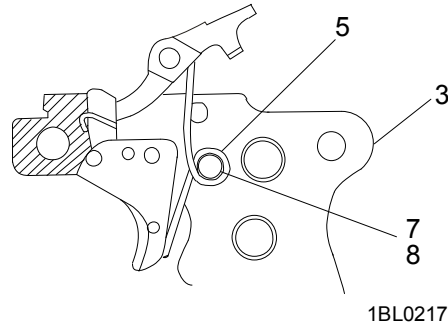
**FIELD MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240B/M240N, NSN1005-01-408-6669, PN 12976869 (cont)**

REASSEMBLY (cont)

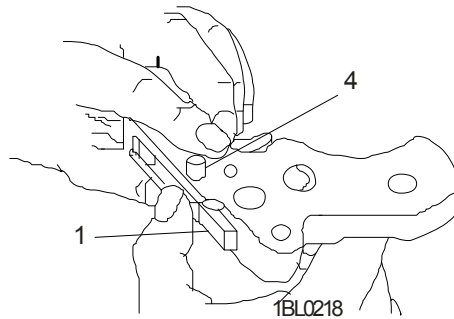
NOTE

This illustration is a cutaway view of the trigger housing.

Install one headless straight pin (7) in pin hole (8) in trigger housing (3) and through sear spring (5).

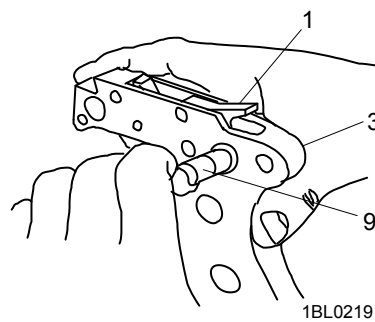


Lower sear (1) compressing sear spring and install headless straight pin (4).

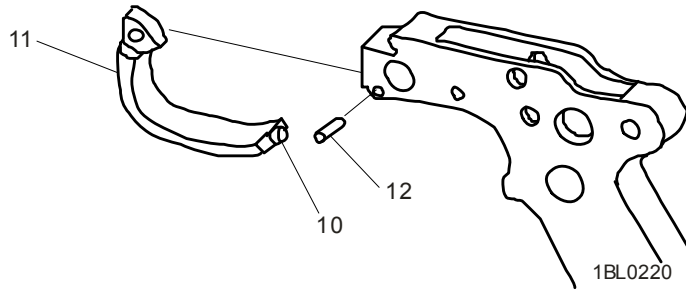


Holding trigger housing (3), ensuring sear (1) is in raised position, insert safety (9) from left to right with letter "S" first and facing down. Detent remains outside housing.

Rotate safety (9) a quarter turn so that the letters "S" and "F" face rearward.

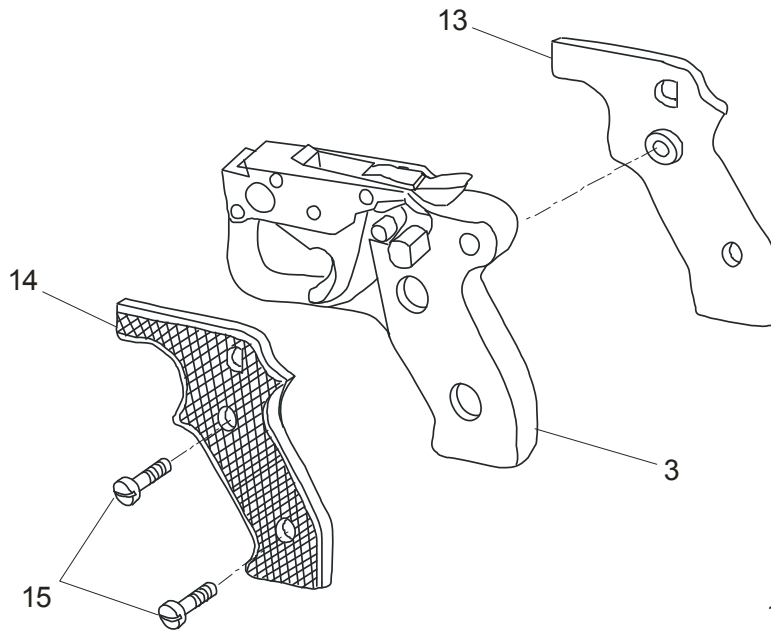


Insert tab (10) on the rear of the trigger guard (11) into the appropriate detent in the trigger housing assembly. Align the holes in the trigger guard and trigger housing assembly and insert the trigger guard pin (12).



Place right (13) and left (14) grips in proper position on the trigger housing (3).

Install screws (15) and tighten securely, being careful not to over-tighten the screws.



END OF WORK PACKAGE

**FIELD MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240L, NSN 1005-01-549-8498, PN 13016484**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;

Equipme

Materials/Parts

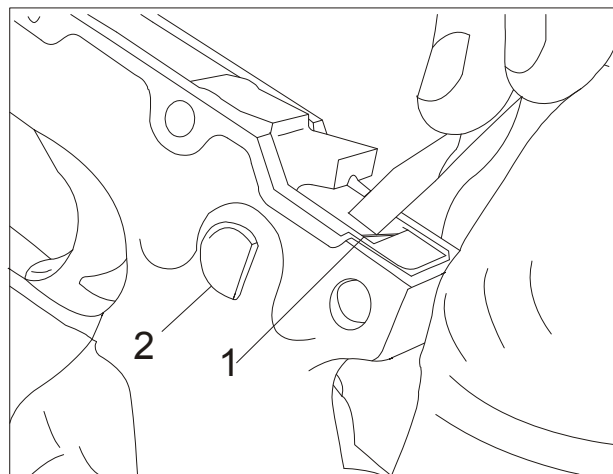
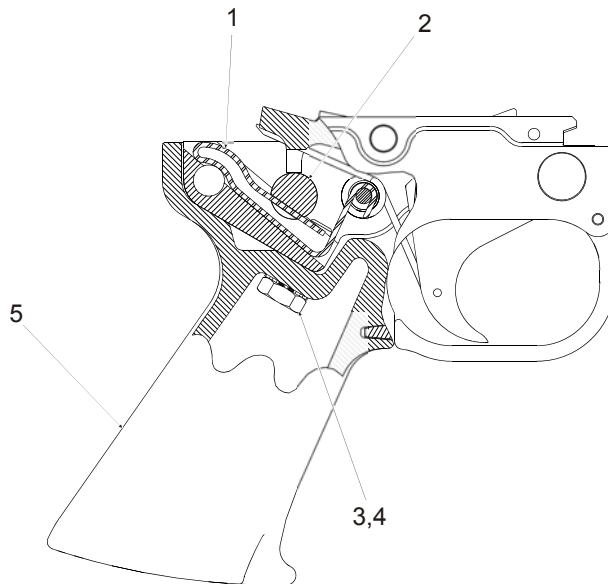
Crocus abrasive cloth (item 3, WP 0074 00)
Wiping rag (item 11, WP 0074 00)

nt Condition

Trigger housing assembly removed from
weapon (TM 9-1005-313-10).

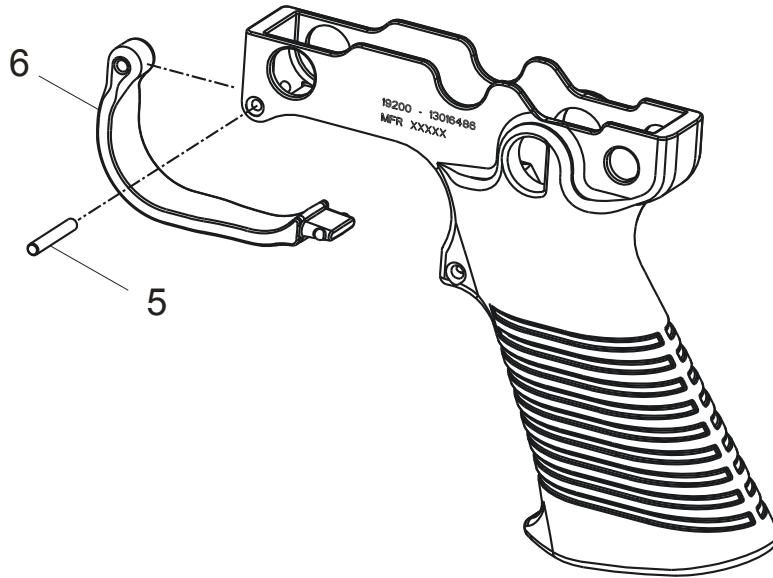
DISASSEMBLY

Use a flat tipped screwdriver and push down leg of safety spring (1) and push safety (2) out to the right side of the trigger assembly. Remove trigger grip bolt (3), lock washer (4), trigger grip (5), and safety spring

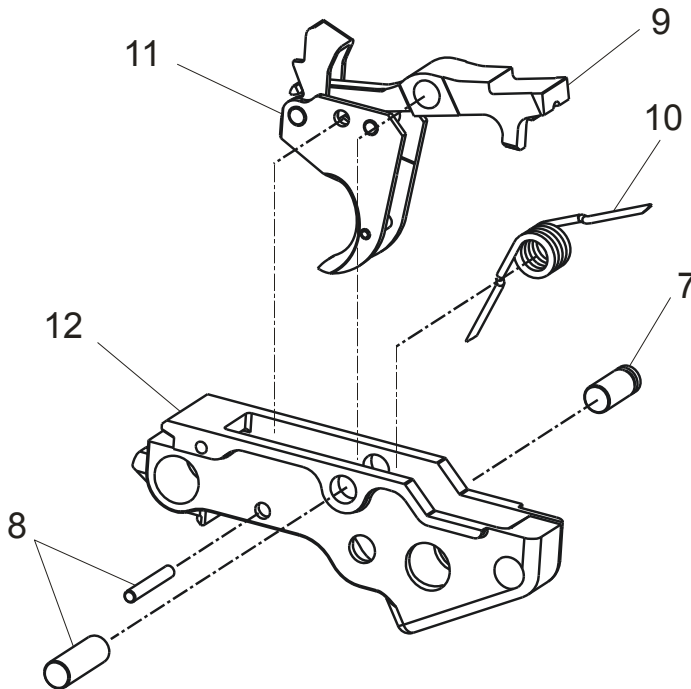


**FIELD MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240L, NSN 1005-01-549-8498, PN 13016484 (cont)**

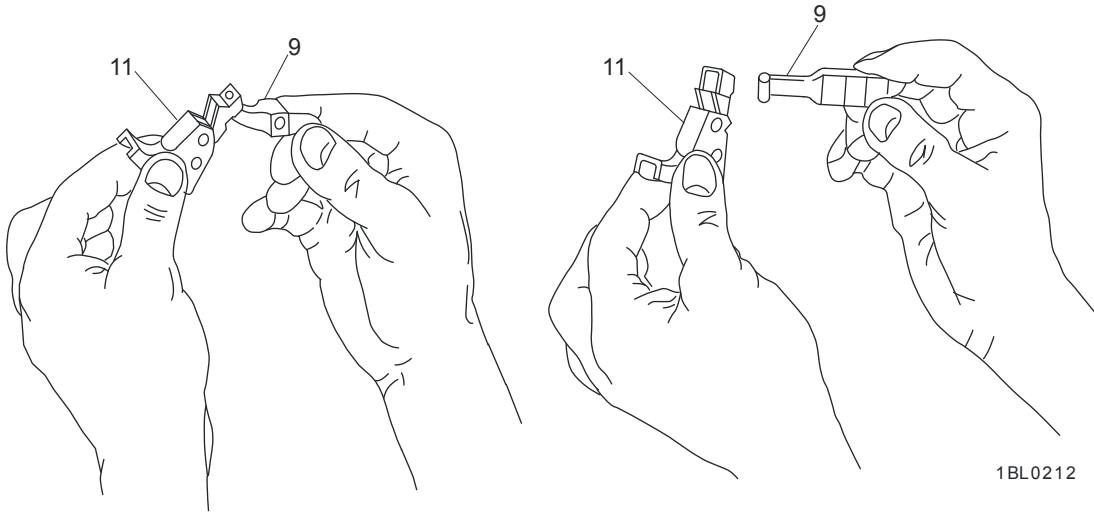
Remove retaining pin (5) and trigger guard (6) from the trigger grip only if trigger guard is bent, cracked or broken. If disassembled, discard retaining pin.



Remove three headless straight pins (7 and 8). Remove sear (9), sear spring (10), and trigger (11) from trigger frame (12).



Separate sear (9) and trigger (11) by giving sear one-quarter turn, freeing it from the slot in the lever.



1BL0212

INSPECTION/REPAIR

Inspect front edge of trigger (1). Replace if chipped or if burrs cannot be removed.

Pull tripping lever (2) rearward. Replace trigger (1) if tripping lever does not return to position without binding.

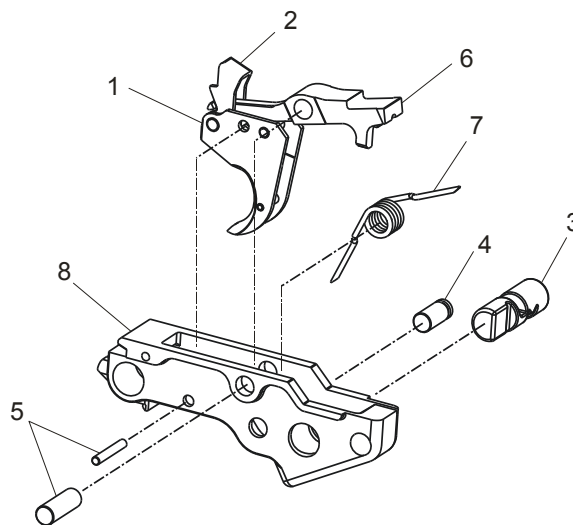
Check safety (3) for burrs or distorted lettering. Replace if burrs cannot be removed with crocus cloth or if safety is damaged or letters distorted.

Check the headless straight pins (4 and 5) and replace if bent.

Check sear (6) and replace if broken, cracked, or worn.

Check spring (7) and replace if broken or distorted.

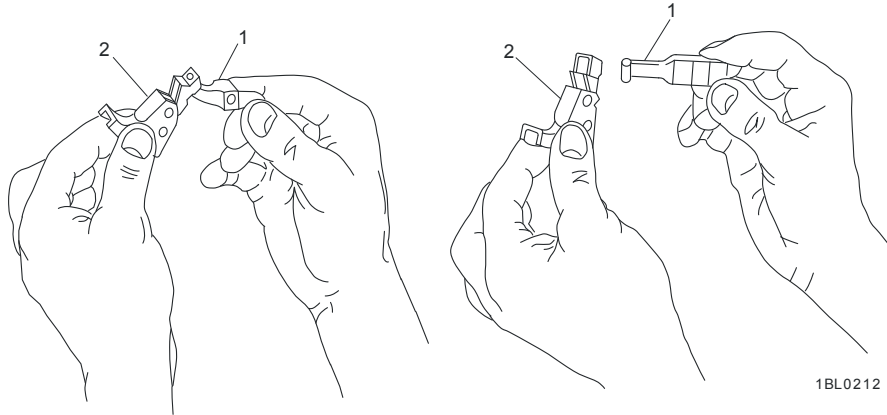
Check trigger frame (8) and replace if broken, cracked, or if holes are elongated.



**FIELD MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240L, NSN 1005-01-549-8498, PN 13016484 (cont)**

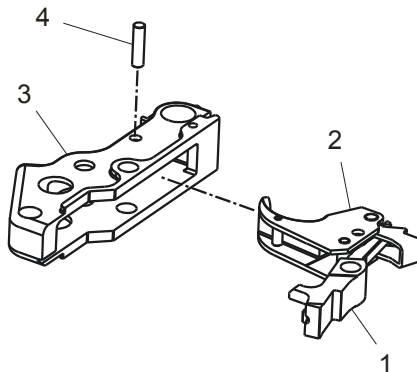
REASSEMBLY

Ensure all metal parts are lightly lubricated. Insert sear (1) into lever slot in trigger (2) sideways. Give the sear a quarter turn, as viewed from the left side, polished side up.



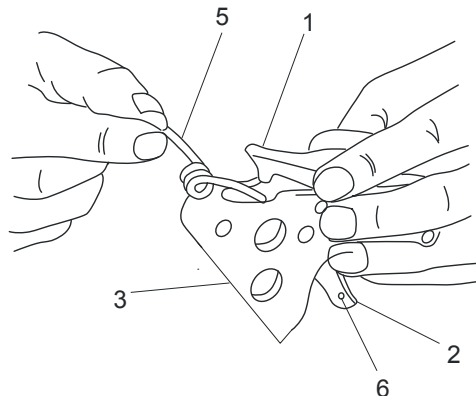
1BL0212

Place trigger frame (3) on its side on a flat surface.



Lower sear (1) and trigger (2) into trigger frame (3). Grasping trigger, press it forward against the inner front edge of grip. This action will push backward on the lever allowing the trigger to slide into place. Align the holes in trigger (2) and trigger grip (3). Insert headless straight pin (4).

Insert sear spring (5), with leg pointing forward, into trigger (2). The lower tip of sear spring (5) must bear against the riveted pin (6) across the back of trigger (2) when trigger is later rotated rearward.



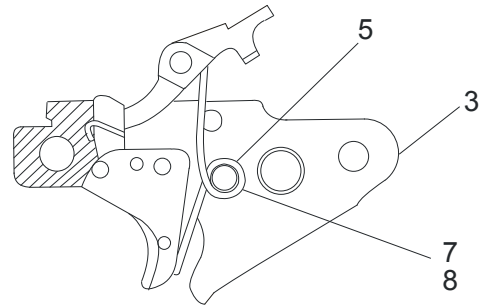
1BL0216

NOTE

Be sure leg of sear spring (5) is in groove of sear (1) and behind riveted pin (6) as shown.

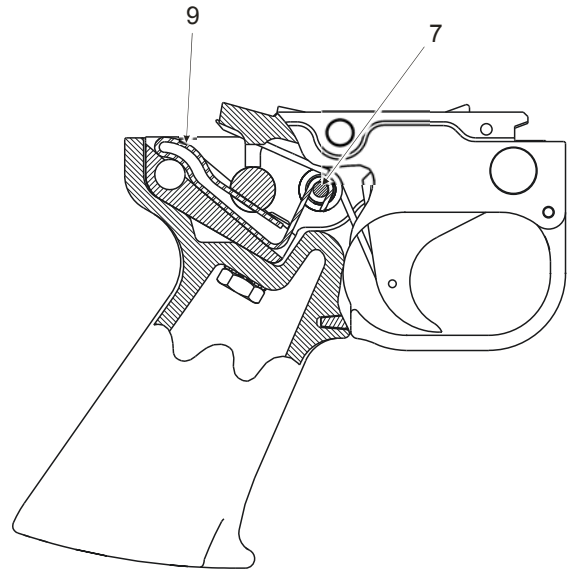
This illustration is a cutaway view of the trigger housing.

Install the headless straight pin (7), with groove of pin on right side of trigger frame, into pin hole (8) and through sear spring (5) from the right side of trigger housing (3).

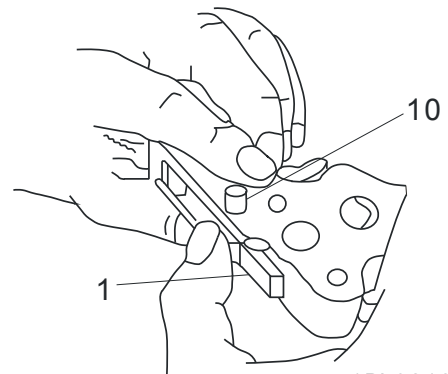


1BL0217

Install safety spring (9) so hook end engages groove in headless pin (7).



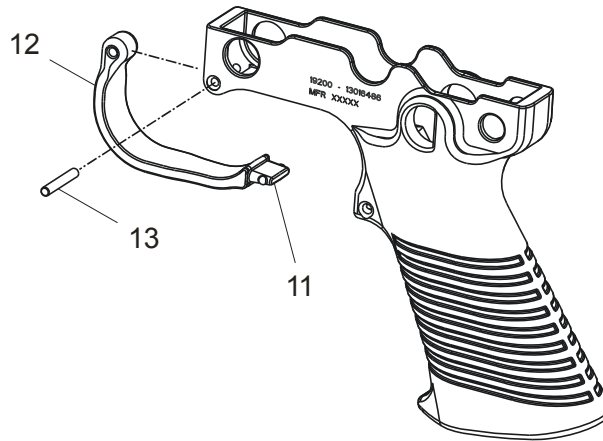
Lower sear (1) compressing sear spring and install headless straight pin (10).



1BL021E

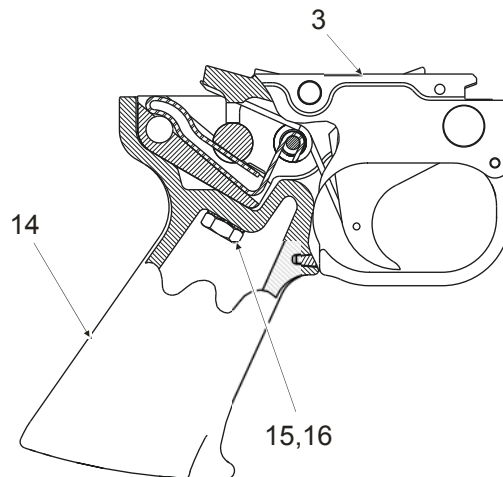
**FIELD MAINTENANCE FOR TRIGGER HOUSING ASSEMBLY
M240L, NSN 1005-01-549-8498, PN 13016484 (cont)**

If necessary, insert tab (11) on the rear of the trigger guard (12) into the appropriate detent in the trigger grip. Align the holes in the trigger guard and trigger grip assembly and insert the trigger guard pin (13).



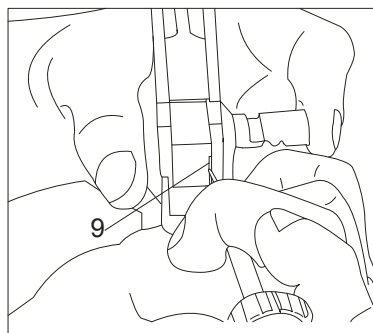
Place trigger frame (3) front end first and lower into the trigger grip (14) to fit properly.

Install lock washer (15) and trigger grip bolt (16) and tighten securely.



Align safety into grip.

Push down leg of safety spring (9) and install safety from right side of grip.



END OF WORK PACKAGE

**FIELD MAINTENANCE OF TRIGGER ACTUATING ASSEMBLY
M240D/M240E1/ M240H, NSN 1005-01-251-9696, PN 12597071**

This task covers: Disassembly/Repair/Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Nut, self-locking, PN MS21083C5

Equipment Condition

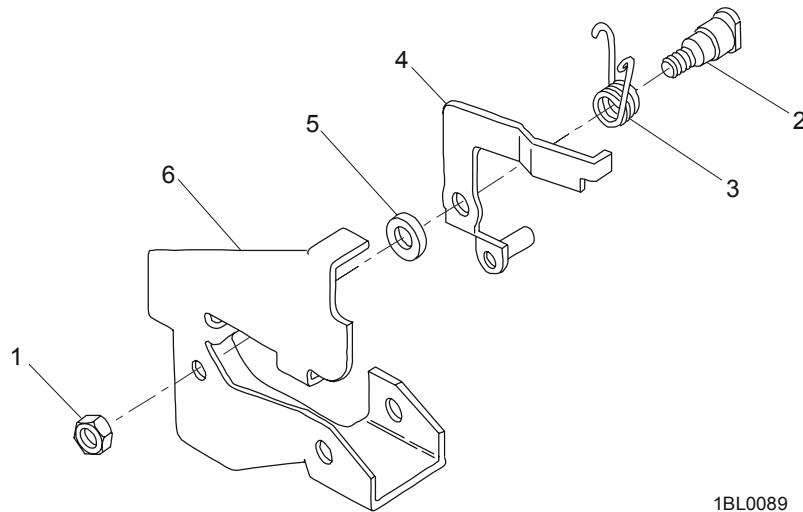
Trigger actuating assembly removed from
trigger housing assembly (WP 0016 00).

DISASSEMBLY/REPAIR/REASSEMBLY

Remove self-locking nut (1) and trigger actuating pivot (2) to release actuating link spring (3), link actuating assembly (4), and washer (5) from plate protecting body (6). Discard self-locking nut (1).

Replace damaged parts.

Install washer (5), link actuating assembly (4), actuating link spring (3) on plate protecting body (6) using actuating link pivot (2) and new self-locking nut (1).



1BL0089

END OF WORK PACKAGE

FIELD MAINTENANCE OF COVER ASSEMBLY
M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;
M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12977101

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Crocus abrasive cloth (item 3, WP 0065 00)
 Weapons lubricating oil (as required)

Equipment Condition

Cover assembly removed (TM 9-1005-313-10).

DISASSEMBLY

WARNING

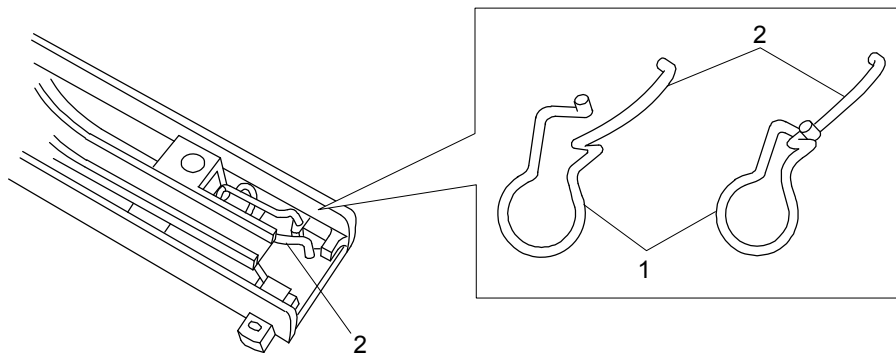


Wear a face shield or safety goggles and hold hand over retaining clip when engaging or disengaging leg or retaining clip will fly off pivot post. Injury to personnel could occur.

NOTE

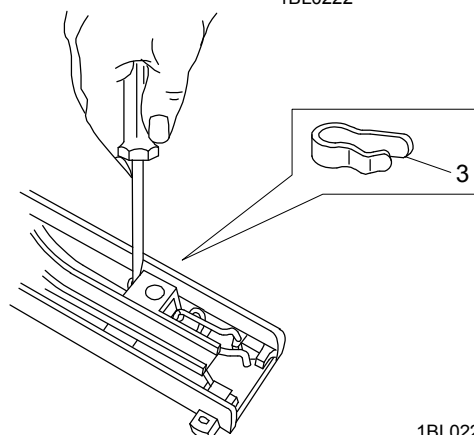
Procedures are written for M240 cover assembly but apply to all cover assemblies.

Hold retaining clip (1) so it will not rotate. Lift straight leg (2) and engage it in the hook of its opposite leg



1BL0222

Use screwdriver to remove spring tension lock pin (3).



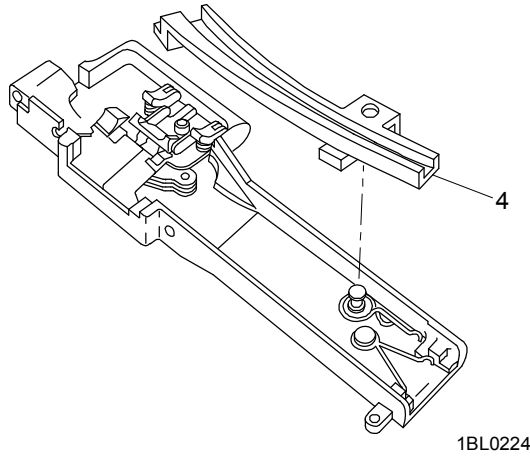
1BL0223

FIELD MAINTENANCE OF COVER ASSEMBLY

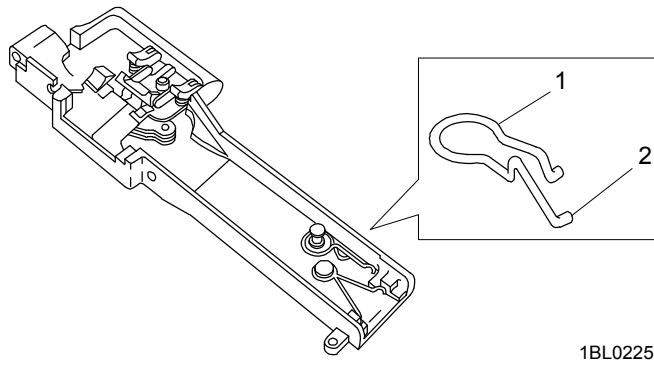
M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;

M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12977101 (cont)

Remove feed lever (4).



Disengage straight leg (2) from hooked leg of retaining clip (1) and remove.

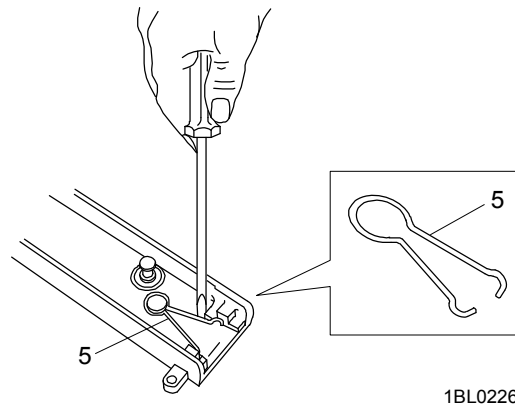


WARNING

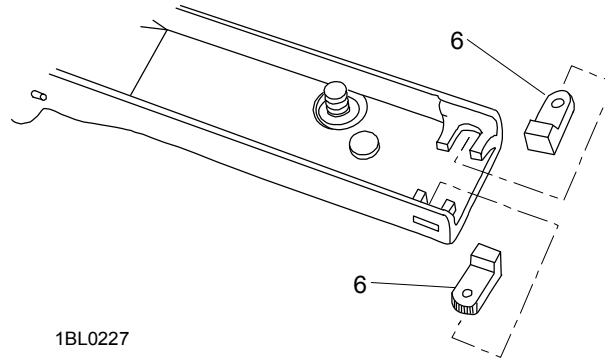


Wear a face shield or safety goggles and hold hand over retaining clip when engaging or disengaging leg or retaining clip will fly off pivot post. Injury to personnel could occur.

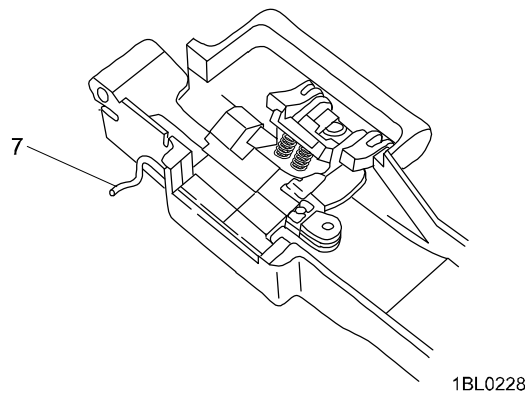
Insert the blade of screwdriver under one leg of retaining clip (5). Apply slight pressure on the leg of the clip and raise it by turning the screwdriver against the wall of the cover. Remove retaining clip (5).



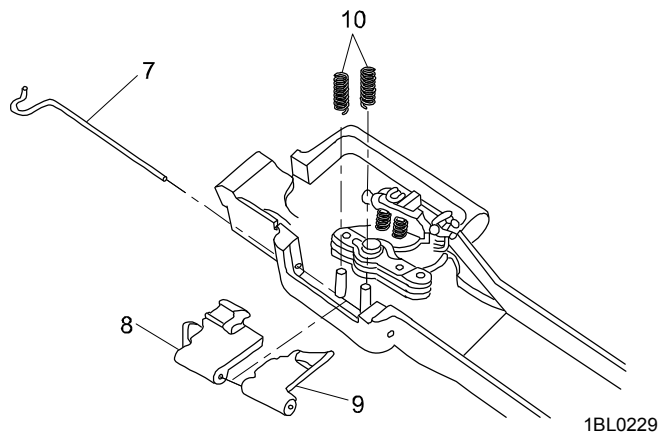
Remove two cover latches (6).



Unlock pawl retaining pin (7) from notch in cover.



Apply slight pressure downward between front and rear cartridge guides (8 and 9) and remove pawl retaining pin (7), rear cartridge guide (9), one helical compression spring (10), front cartridge guide (8), and other helical compression spring (10).



FIELD MAINTENANCE OF COVER ASSEMBLY

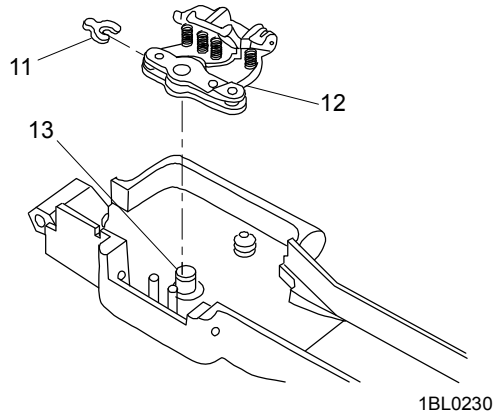
M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;

M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12977101 (cont)

Remove retaining ring (11) and lift feed pawl assembly (12) off feed pawl pivot post (13).

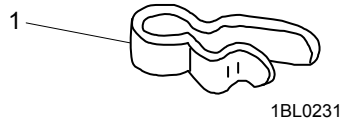
NOTE

The M240C feed pawl assembly is removed in the same way.

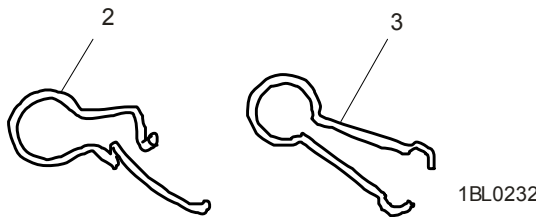


INSPECTION /REPAIR

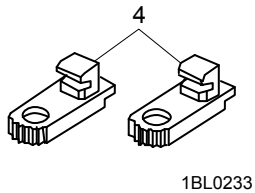
Replace spring tension lock pin (1) if it is weak, deformed, or burred.



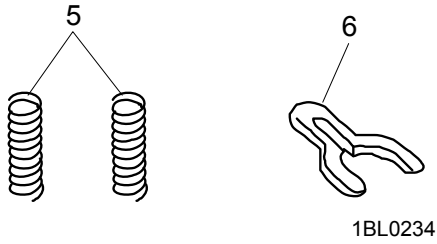
Replace retaining clips (2 and 3) if either is deformed or has lost its spring tension.



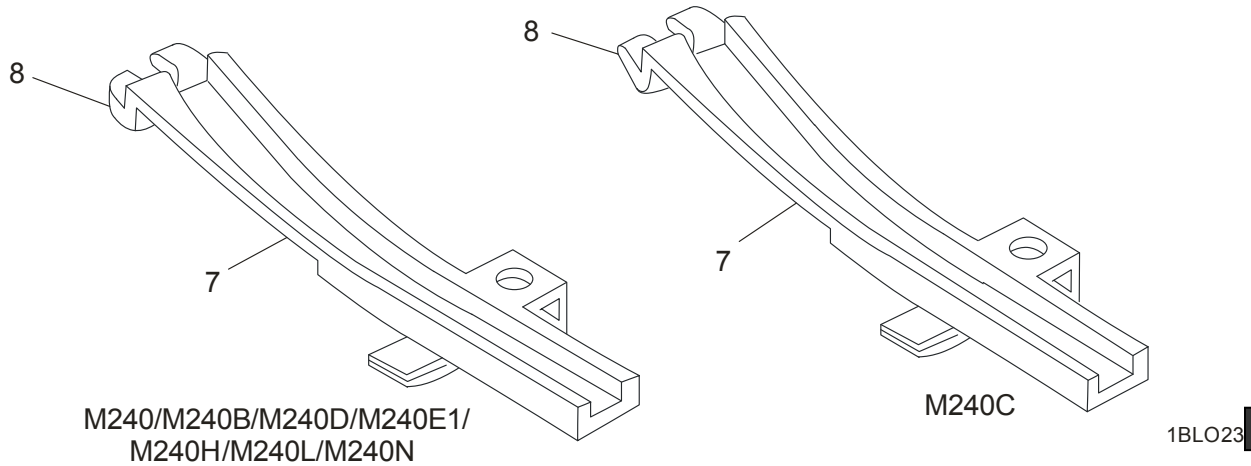
Replace cover latch (4) if cracked or burrs can not be removed.



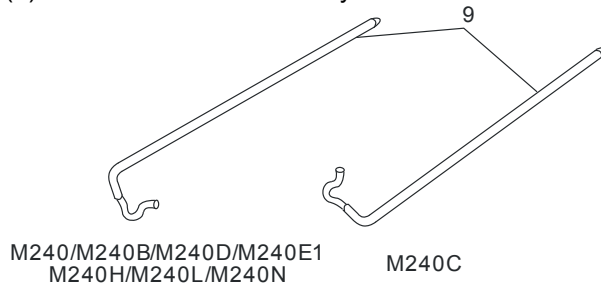
Replace both helical compression springs (5) if one or both are cracked, broken, or have taken a permanent set. Replace retaining ring (6) if broken or cracked.



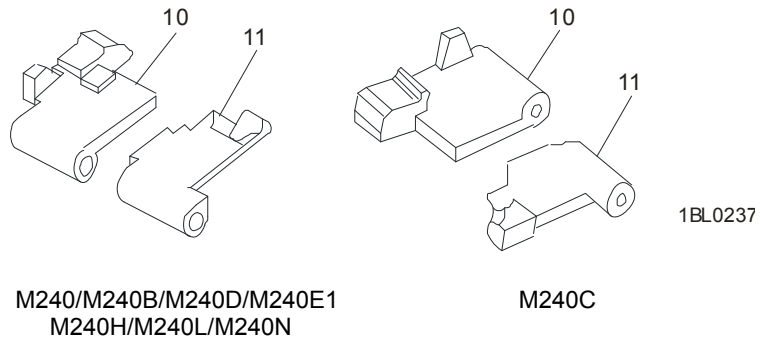
Replace feed lever (7) if channel is distorted, cracked, or rippled or if pivot hole is elongated or enlarged. Remove burrs with crocus cloth (item 3, WP 0065 00), or replace if fork end (8) has burrs in the roller area.



Replace pawl retaining pin (9) if it does not hold securely.



Replace rear cartridge guide (10) and front cartridge guide (11) if they are worn, bent, broken, or have burrs or cracks.

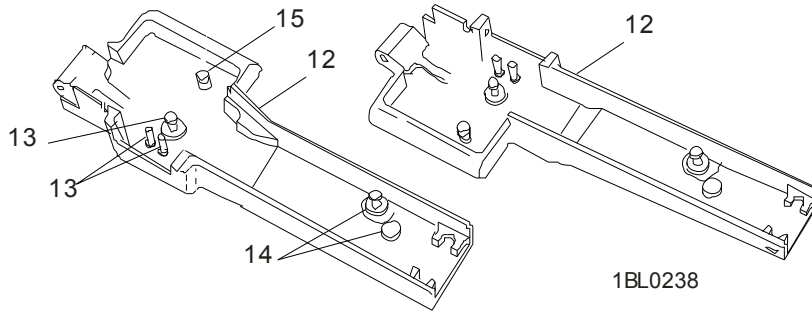


FIELD MAINTENANCE OF COVER ASSEMBLY

M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;

M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12977101 (cont)

Replace cover (12) if it is distorted, cracked, or if malfunction would occur if burrs were removed. Replace cover if posts (13) or pivots (14) are loose, if roller (15) binds or if malfunction would occur if burrs were removed.

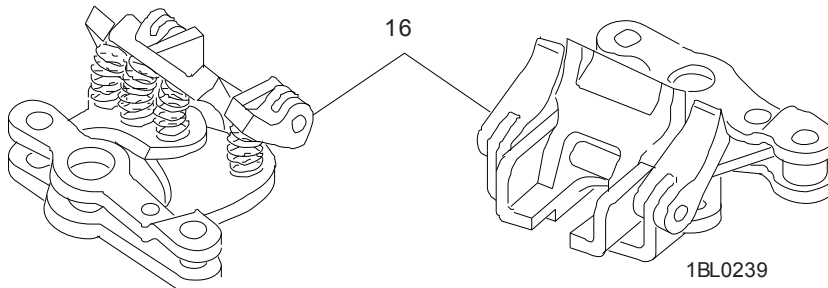


M240/M240B/M240D/M240E1
M240H/M240L/M240N

M240C

Replace feed pawl assembly (16) if pawl has distortions, cracks, or is excessively burred or worn.

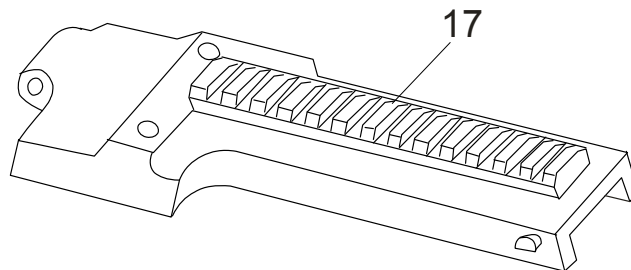
Lightly lube all parts before reassembly.



M240/M240B/M240D/M240E1
M240H/M240L/M240N

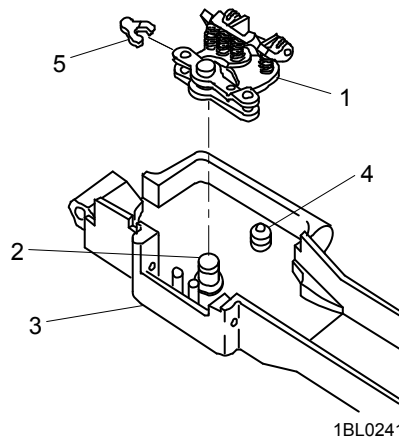
M240C

(M240/M240B/M240D/M240E1/M240L/M240H/M240N): Inspect accessory mounting rail (17) for nicks or burrs. If nicks or burrs prevent proper attachment of optional sighting equipment or rail is loose on cover assembly, replace cover assembly.

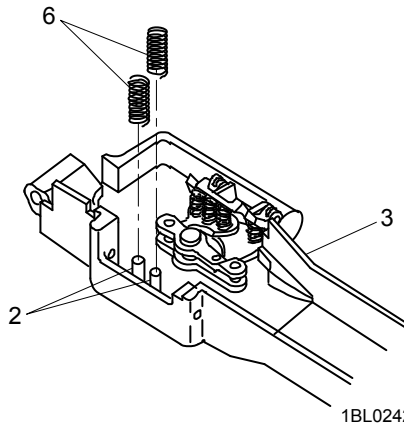


REASSEMBLY

Install feed pawl assembly (1) on feed pawl pivot post (2) in cover (3). Be sure feed pawl roller (4) is in well behind feed pawl assembly (1). Secure retaining ring (5) in place on feed pawl pivot post (2).



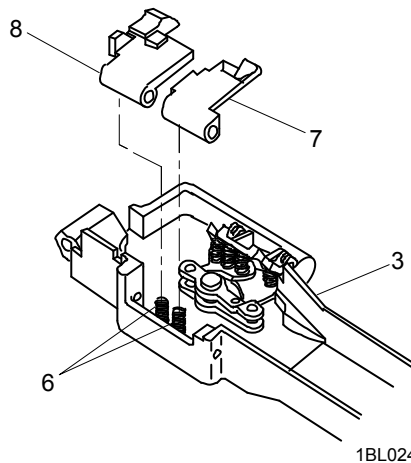
Install two helical compression springs (6) on spring guide posts (2) in cover (3).



NOTE

Front cartridge guide (8) must overlap rear cartridge guide (7).

Place rear cartridge guide (7) and front cartridge guide (8) in cover opening with spring wells toward cover (3) and over two helical compression springs (6).

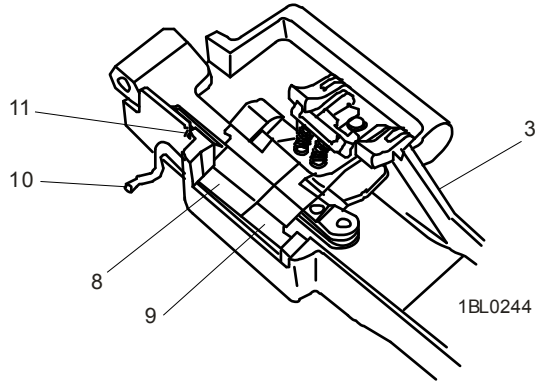


FIELD MAINTENANCE OF COVER ASSEMBLY

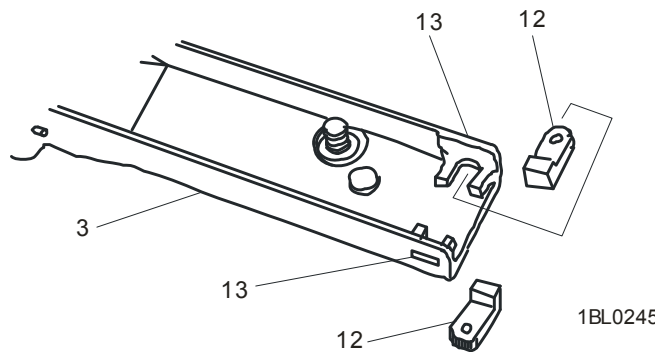
M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;

M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12977101 (cont)

Align pawl retaining pin hole in cartridge guides (8 and 9) and cover (3). Apply pressure downward, and insert pawl retaining pin (10) through cover (3) and cartridge guides (8 and 9) from front to rear. Lock pawl retaining pin (10) into slot (11) of cover (3).



Insert two cover latches (13) into slots (13) at rear of cover (3).

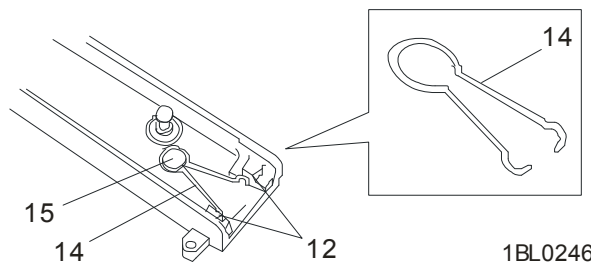


WARNING



Wear a face shield or safety goggles and hold hand over retaining clip when engaging or disengaging leg or retaining clip will fly off pivot post. Injury to personnel could occur.

Place one leg of retaining clip (14) in slot of cover latch (12) and place loop over pivot post (15). Push the other leg into the slot of other cover latch (12).



WARNING

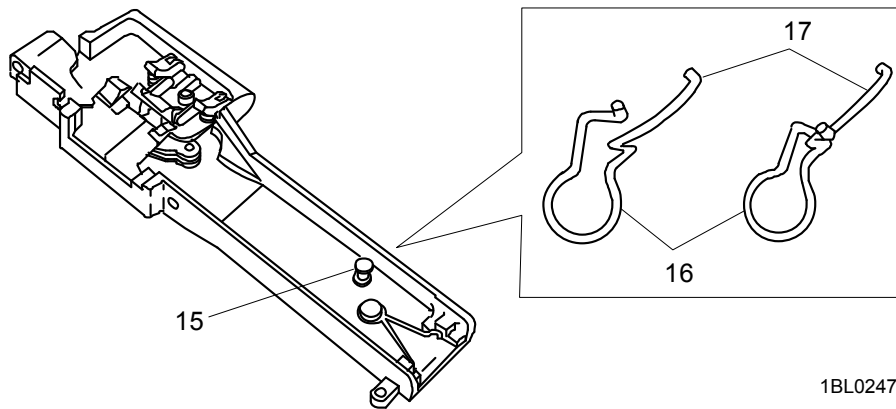


Wear a face shield or safety goggles and hold hand over retaining clip when engaging or disengaging leg or retaining clip will fly off pivot post. Injury to personnel could occur.

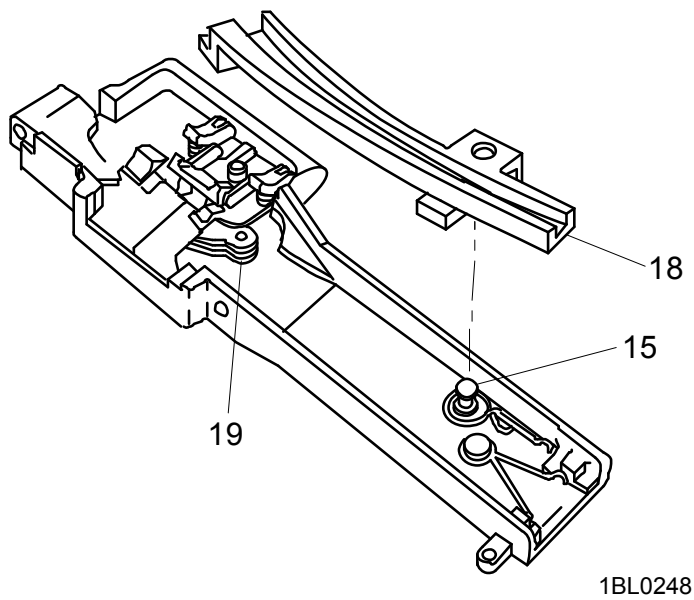
Install loop of retaining clip (16) over feed lever pivot (15) with legs (17) pointing rearward. Hook straight leg of retaining clip behind the hooked leg making sure loop is tightened around feed lever pivot.

NOTE

Be sure loop of retaining clip (16) is seated properly in well.



Install lever (18) on feed lever pivot (15). At the same time, engage fork into feed pawl roller (19). Be sure feed lever is flush with top of feed lever pivot (15).



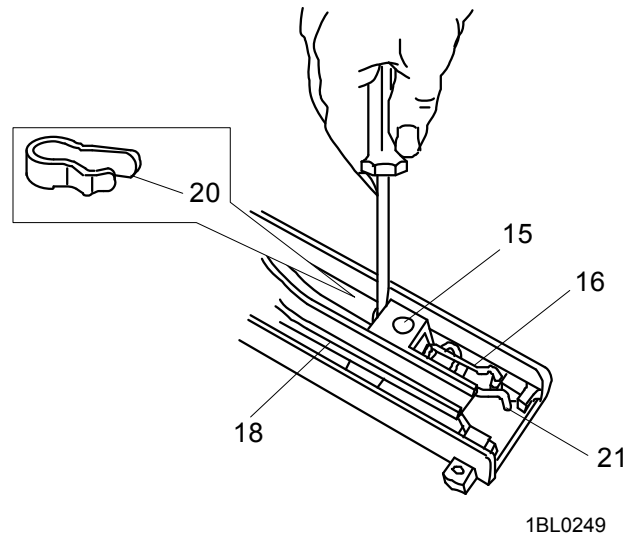
FIELD MAINTENANCE OF COVER ASSEMBLY**M240, NSN N/A, PN 11826165; M240C, NSN N/A, PN 11826038;****M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12977101 (cont)**

Install spring tension lock pin (20) with legs pointed rearward and the loop of clip toward feed lever (18), and push into position on feed lever pivot (15).

NOTE

Spring tension lock pin (20) will click when properly secured.

Unlock the straight leg (21) of retaining clip (16) from hooked leg. Position straight leg on groove of feed lever (18).



1BL0249

END OF WORK PACKAGE

FIELD MAINTENANCE OF FEED PAWL ASSEMBLY

M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN 3040-01-033-1501, PN 11826177

M240C, NSN 3040-01-091-0682, PN 11826017

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Weapons lubricating oil (as required).

Equipment Condition

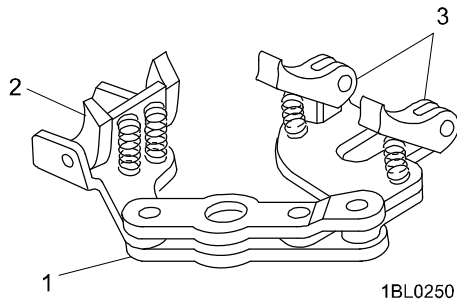
Feed pawl assembly removed (WP 0019 00).

DISASSEMBLY

NOTE

Procedures are written for M240 feed pawl assembly, but apply to all feed pawl assemblies.

Spread feed pawl assembly (1) and separate feed pawl (2) from holding pawls (3).

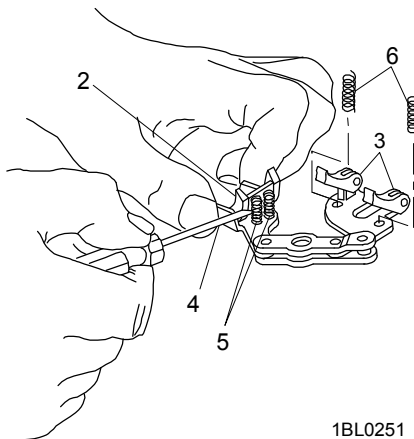


NOTE

Feed and holding pawl springs are removed and installed the same way. Remove and assemble one set of springs before removing other set.

Holding onto feed pawl (2) (or holding pawls (3)), insert the tip of screwdriver (4) between the first and second coils of spring (5 and 6) just below feed pawl (2) (or holding pawls (3)).

Apply slight pressure with screwdriver (4) and remove spring (5).



FIELD MAINTENANCE OF FEED PAWL ASSEMBLY

M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN 3040-01-033-1501, PN 11826177

M240C, NSN 3040-01-091-0682, PN 11826017 (cont)

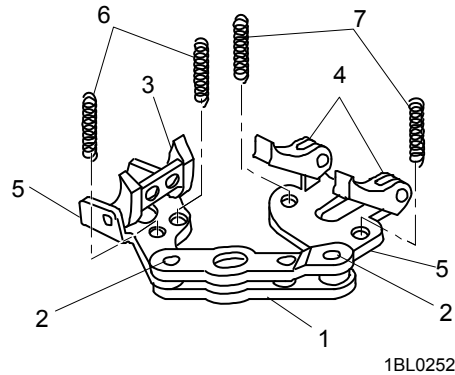
INSPECTION/REPAIR

Check feed pawl assembly (1) for completeness. Rollers (2) must be free of burrs. Pawls (3 and 4) must be free of burrs and cracks. Linkage arms (5) must be free of distortion and cracks. If not, replace feed pawl assembly (1).

NOTE

Springs (6) or springs (7) shall be replaced as a set.

Check springs (6 and 7) and replace those that are cracked, broken, or have taken a permanent set.

**REASSEMBLY****NOTE**

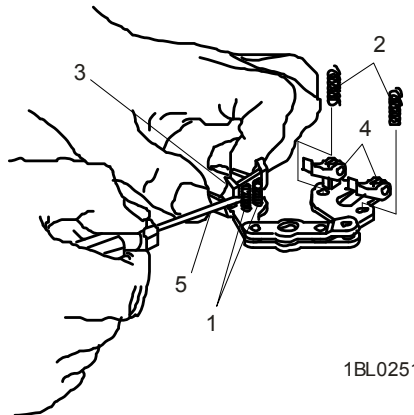
Feed and holding pawl springs are removed and installed the same way. Remove and assemble one set of springs before removing other set.

Feed pawl springs (1) are 9 1/2 coils long. Holding pawl springs (2) are 12 3/4 coils long.

Be sure coils of feed pawl springs (1) are seated in well of feed pawl (3).

Install one end of spring (1) into well of feed pawl (2).

Hold feed pawl (3) (or holding pawls (4)) and feed pawl spring (1) (or holding pawl spring (2)) and insert screwdriver (5) between last coils of exposed feed pawl springs (1) (or holding pawl spring (2)) and compress to slip into well of feed pawl (3) (or holding pawls (4)). Install other feed pawl spring (1) (or holding pawls (4)) in the same way.



END OF WORK PACKAGE

Change 2

0020 00-2

FIELD MAINTENANCE OF RECEIVER ASSEMBLY

**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;
Tool, Disassembly, Cover Detent Plunge
(item 8, WP 0064 00)
Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Equipme

Materials/Parts

Cotter pin, PN MS24665-437
Cotter pin (3), PN 590479
Crocus abrasive cloth (item 3, WP 0065 00)
Loctite 246 (item 5, WP 0065 00)
Pin, Spring PN MS16562-106
Pin, Spring, PN MS39086-91
Washer, lock (6), PN MS35335-32
Weapons lubricating oil (as required)
nt Condition
Barrel assembly removed (TM 9-1005-313-10).

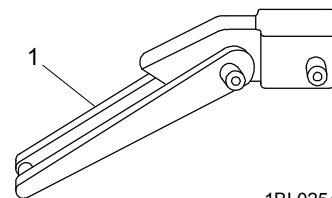
DISASSEMBLY

Use cover detent plunger disassembly tool (1) to remove cover detent.

WARNING



Wear a face shield or safety goggles to prevent personal injury when installing cover detent plunger disassembly tool.

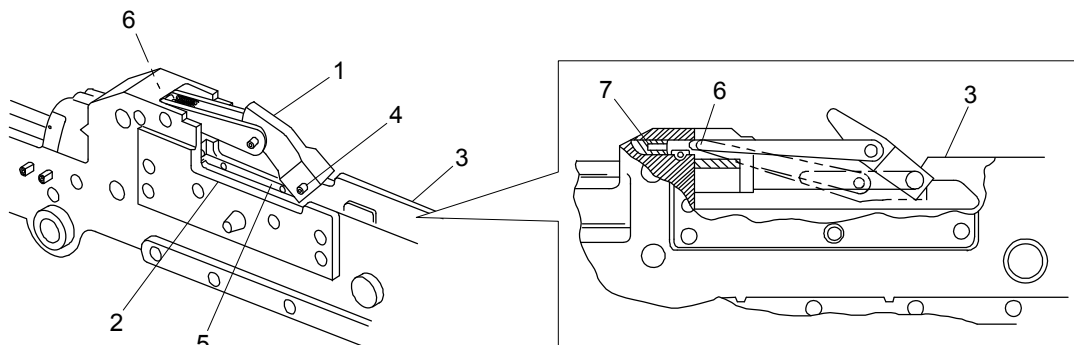


1BL0254

NOTE

Remove only to repair.

Position cover detent plunger disassembly tool (1) in the opening for feed tray (2) in receiver (3) so that its rear pins (4) rest against upper breechblock guides (5) and its nose (6) rests in groove of detent plunger (7).



1BL0255

FIELD MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
 M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
 M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)

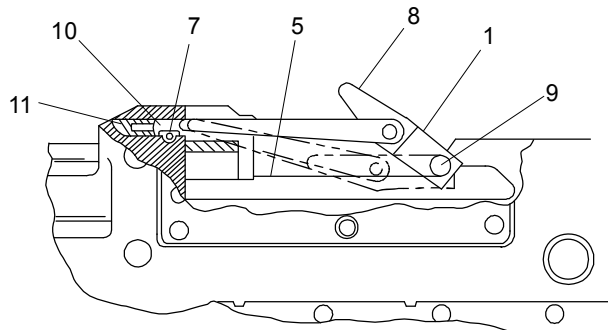
DISASSEMBLY (cont)

WARNING



Wear a face shield or safety goggles to prevent personal injury when installing cover detent plunger disassembly tool.

Push lever (8) of cover detent plunger disassembly tool (1) fully downward so that pin (9) will come to rest on upper breechblock guides (5) and detent plunger (7) compresses springs (10) removing pressure on spring pin (11).

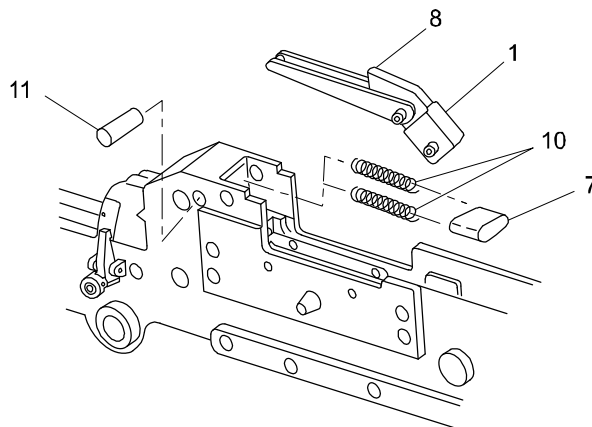


1BL0256

Remove spring pin (11).

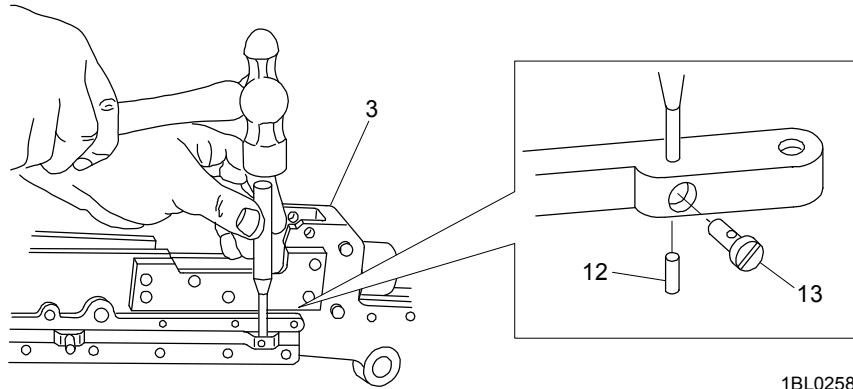
Place one hand on cover detent plunger disassembly tool (1) to steady it. Then lift the lever (8) and remove the tool (1).

Remove detent plunger (7) and springs (10).



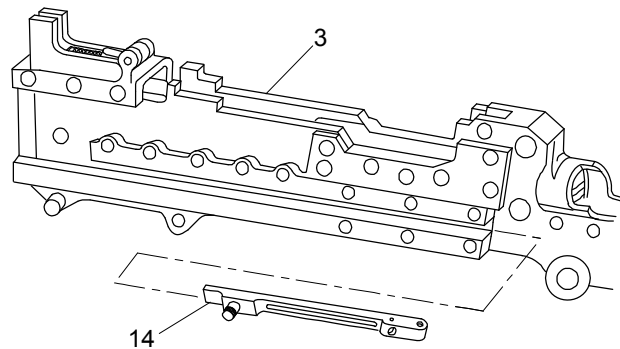
1BL0257

Drive out and discard spring pin (12). Press headed straight pin (13) outward from inside of receiver (3).



1BL0258

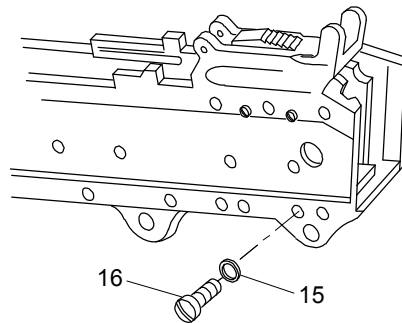
Remove charger slide (14) by sliding it forward out of receiver (3).



1BL0259

NOTE

Be sure that four flat washers (15) and pan-head machine screws (16) are present. Removal and inspection are not necessary since these items are not critical to weapon functioning and are present only to protect the receiver threads.



1BL0260

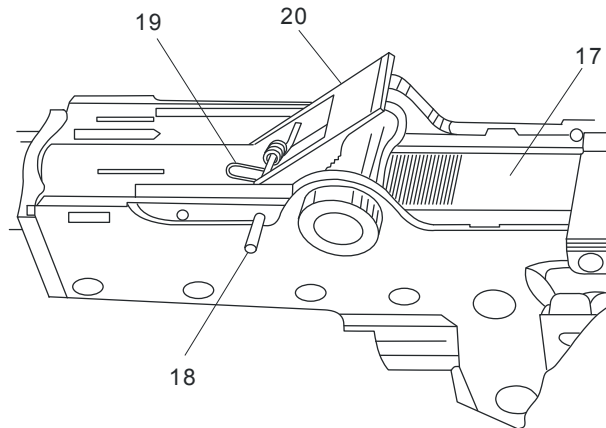
FIELD MAINTENANCE OF RECEIVER ASSEMBLY

**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)**

DISASSEMBLY (cont)

If access cover (17) is still in place, slide it to the rear.

Using pin punch and hammer remove the retaining latch pin (18), spring (19) and latch (20).

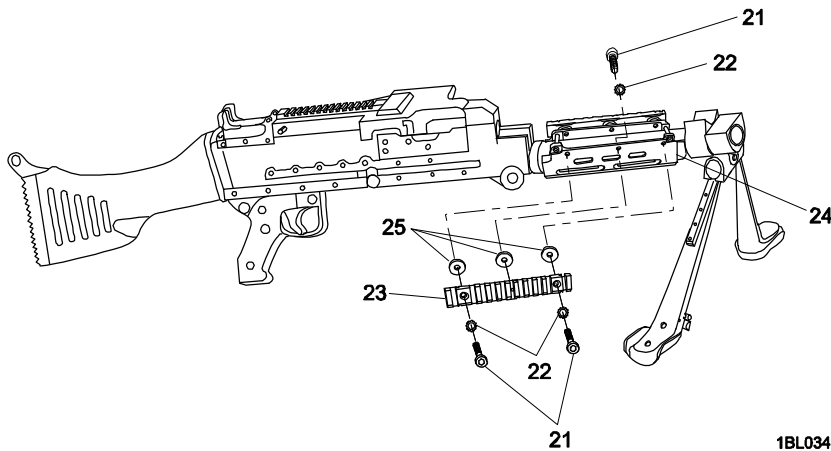


1BL0261

NOTE

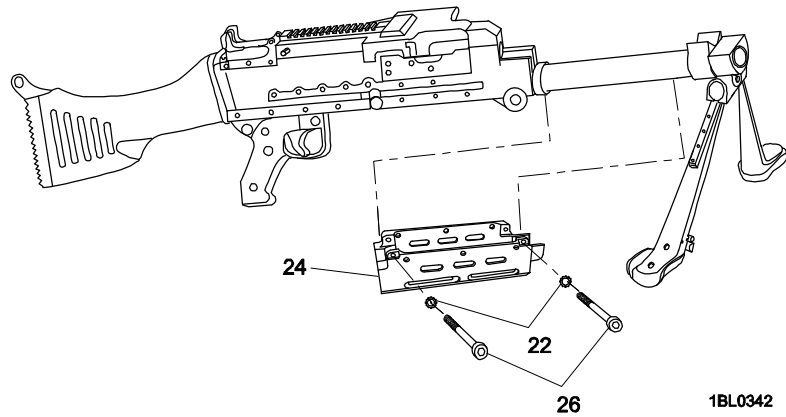
Remove components only for replacement.

(M240B/M240H/M240L): Remove right side cap screws (21) and lock washers (22) from right side rail (23) and body (24). Remove rail (23) and insulators (25). Discard lock washers.

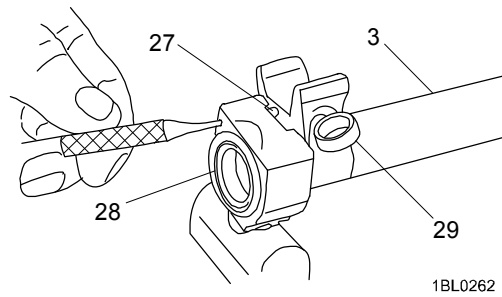


1BL0341

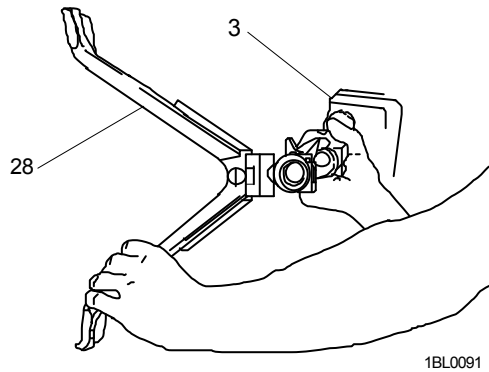
Remove body cap screws (26) and lock washers (22). Remove body (24) from receiver.



(M240B/M240L): Using a hammer and punch, push the bipod retaining pin (27) out of the receiver (3). Remove the bipod assembly (28). Remove front sling ring (29) out through the left of the receiver (3).



(M240B/M240L): Swivel the bipod (28) 90 degrees from the receiver (3). Remove the bipod from the receiver.

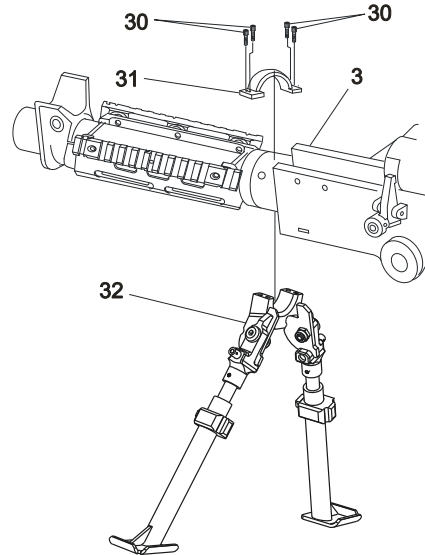


FIELD MAINTENANCE OF RECEIVER ASSEMBLY

**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)**

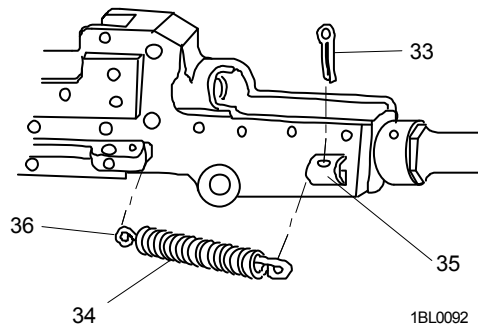
DISASSEMBLY (cont)

(M240H): Remove four screws (30), clamp (31) and bipod legs (32) from receiver (3)

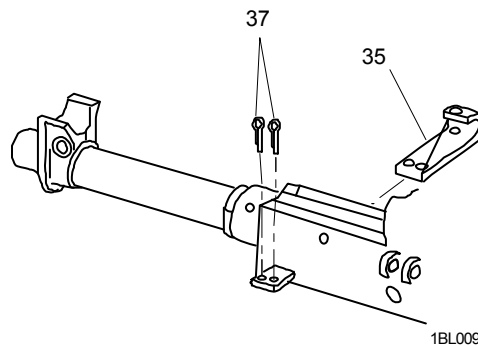


M240/M240C/M240D/M240E1/M240H): Remove cotter pin (33) securing extension spring (34) to spring mounting plate (35). Discard cotter pin.

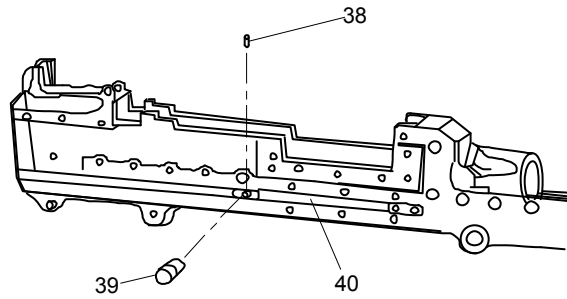
Spread coil at slide end (36) of extension spring (34) and rotate to remove.



(M240/M240C/M240D/M240E1/M240H): Remove and discard two cotter pins (37). Slide out spring mounting plate (35).

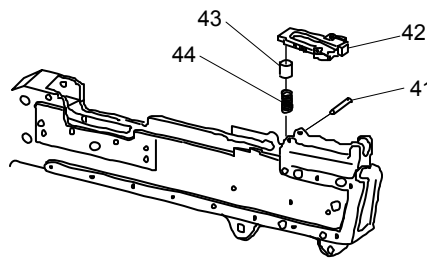


(M240D/M240E1/M240H): Remove pin (38) securing manual control handle (39) to charger slide (40), and remove manual control handle (39). Discard pin.



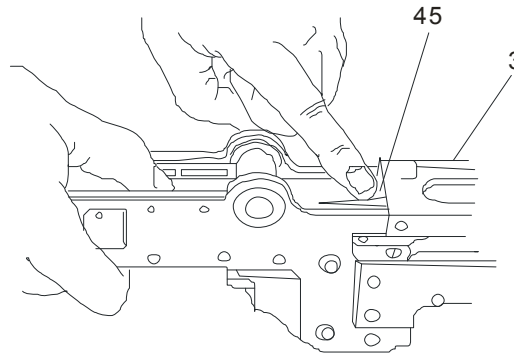
1BL0094

M240B/M240D/M240E1/M240H/M240L/M240N): Drive out headless straight pin (41) and remove rear sight assembly (42), rear sight plunger (43), and helical compression spring (44).

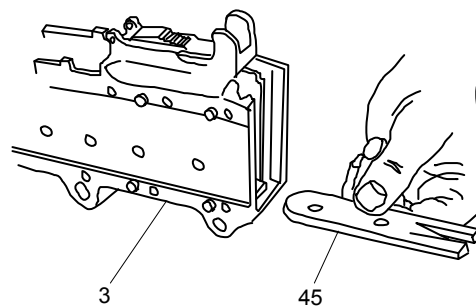


1BL0095

Turn receiver (3) upside down, depress rear tang of access cover (45) and slightly move it toward breech end.



Turn receiver (3) over and slide access cover (45) out through breech end of receiver.



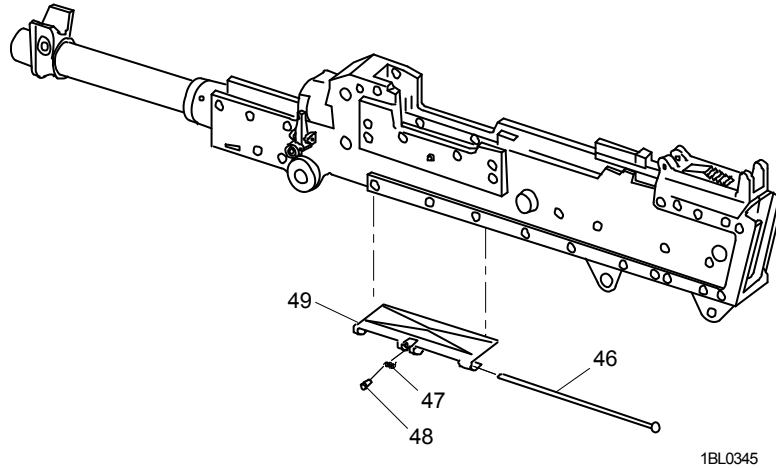
1BL0097

FIELD MAINTENANCE OF RECEIVER ASSEMBLY

**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)**

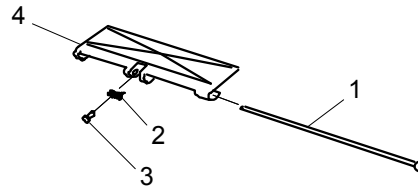
DISASSEMBLY (cont)

(M240B/M240H/M240L/M240N): Pull hinge pin (46) to rear and remove. Remove spring (47), detent (48) and ejection port cover (49).



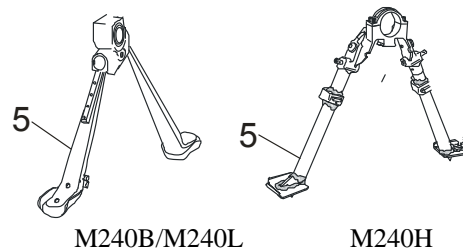
INSPECTION/REPAIR

(M240B/M240H/M240L/M240N): Check hinge pin (1) for bends, cracks or excessive wear. Check spring (2) for breaks or distortion. Check detent (3) for wear. Check ejection port cover (4) for cracks or distortion. Repair is by replacement of authorized parts.

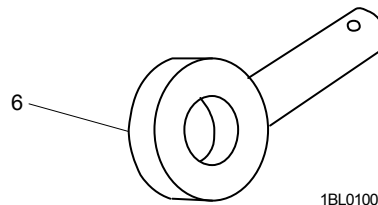


(M240B/M240H/M240L): Inspect bipod assembly (5) for cracks and bends. Ensure legs move freely on bipod socket swivel.

Remove burrs from parts with fine file or crocus cloth (item 4, WP 0065 00).



(M240B/M240D/M240H/M240L/M240N): Inspect sling ring (6) for cracks or wear. Replace if damaged.



Visually check receiver (7) for damage. Ensure ejection port cover (4) operates properly (M240B/M240H/M240L/M240N).

If receiver (7) is damaged, or ejection port cover (4) does not operate properly (M240B/M240H/M240L/M240N), repair.

Check access cover (8) for breaks or bends. Replace if bent or broken.

Check for retention of latch assembly (9) to receiver. If latch assembly (9) is missing or fails to function, replace.

(M240/M240C/M240D/M240E1/M240H): Check extension spring (10) for distortion and breaks. Replace if distorted or broken. Check spring mounting plate (11) for distortions and cracks. Replace if distorted or cracked.

(M240/M240C): Check charger cable (12) for broken wire strands or missing rubber handle. Replace if wire strands are broken or rubber handle is missing. If rubber handle is torn or cracked replace assembly.

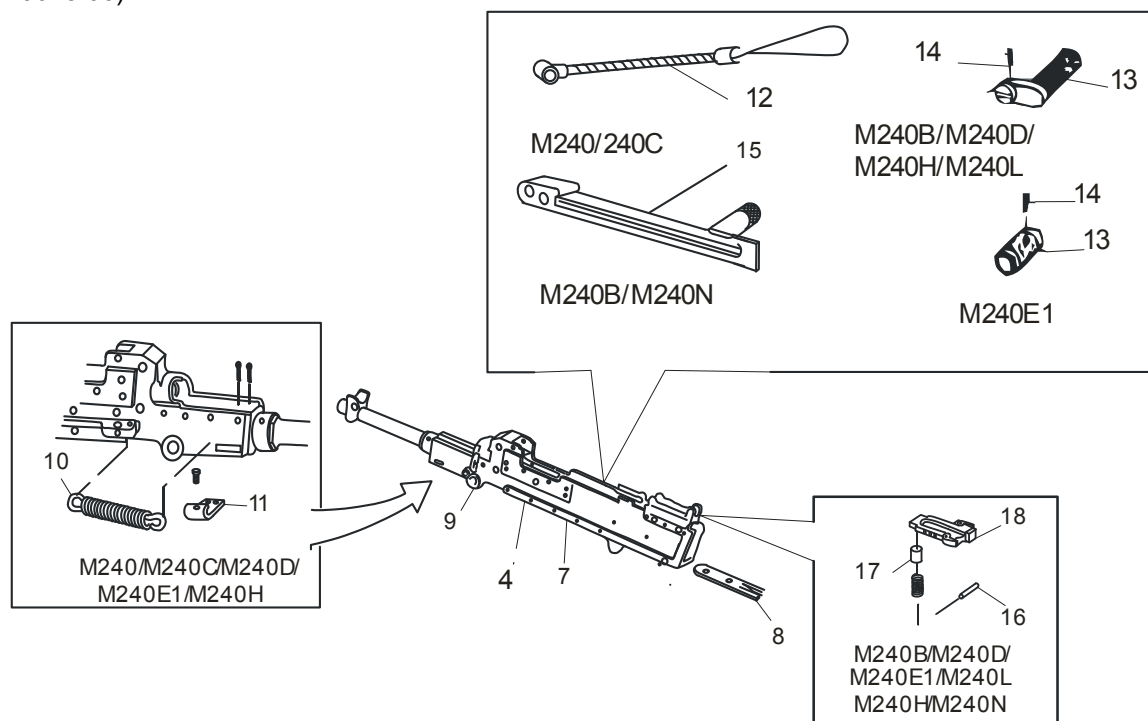
(M240B/M240D/M240E1/M240H/M240L): Inspect manual control handle (13) and pin (14) for damage. Replace if damaged.

NOTE

If the Cocking Assembly is replaced on the M240B make sure you have the correct Charger Slide and Offset Charging Handle. Some M240B's may still have the old style Cocking Assembly, P/N 12976835 that will need to be replaced with the Charger Slide, P/N 11826135 and Offset Charging Handle, P/N 12999957.

(M240B/M240N): Check charger slide (15) for distortion, cracks, or burrs. Replace if distorted, cracked, or if slide does not operate freely in the receiver.

(M240B/M240D/M240E1/M240H/M240L/M240N): Inspect headless straight pin (16), rear sight plunger (17), and helical compression spring (18) for damage. Replace if damaged. Inspect rear sight assembly (WP 0023 00).



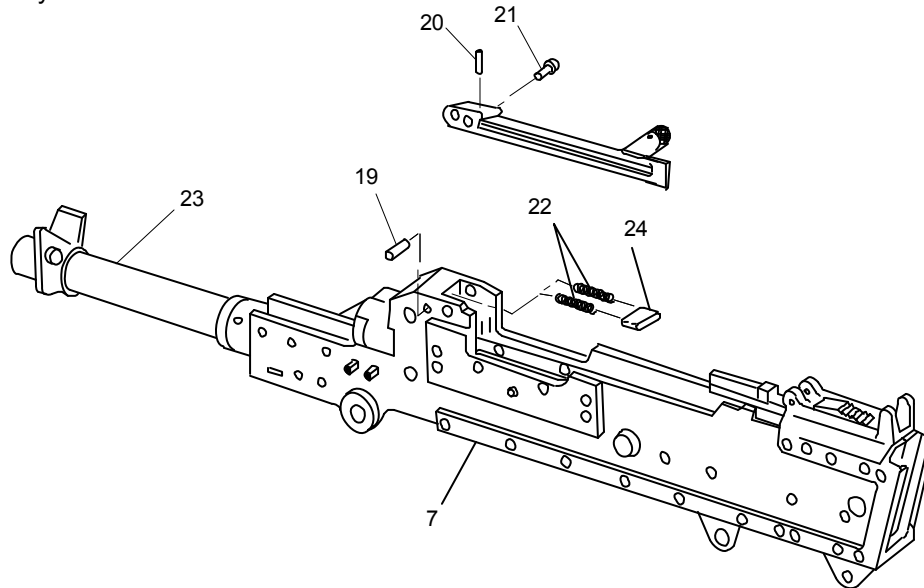
1BL0101

FIELD MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
 M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
 M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)

INSPECTION/REPAIR (cont)

Check pins (19, 20, and 21) for distortion, cracks, or excessive wear. Replace if distorted, cracked, or worn excessively.



1BL0263

Check springs (22) for breaks, cracks, or distortion. Replace both springs if one is broken, cracked, or deformed.

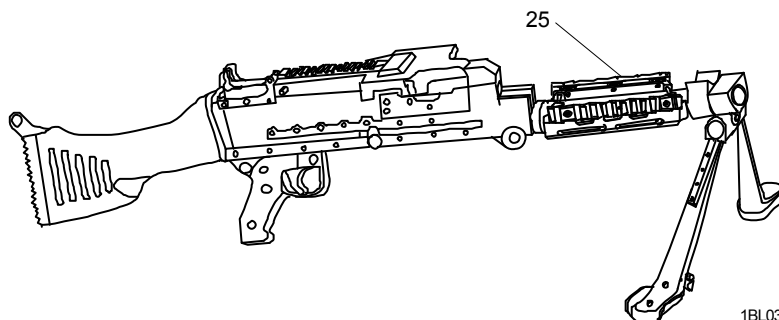
Check receiver (7) and gas cylinder (23) for cracks, distortion and burrs. Remove burrs with fine stone or crocus cloth (item 3, WP 0065 00). If receiver/gas cylinder is cracked or distorted, receiver is unserviceable.

Check detent plunger (24) for cracks, wear, or burrs. Replace if removal of burrs would cause malfunction.

NOTE

Forward rail assembly to be removed only for replacement.

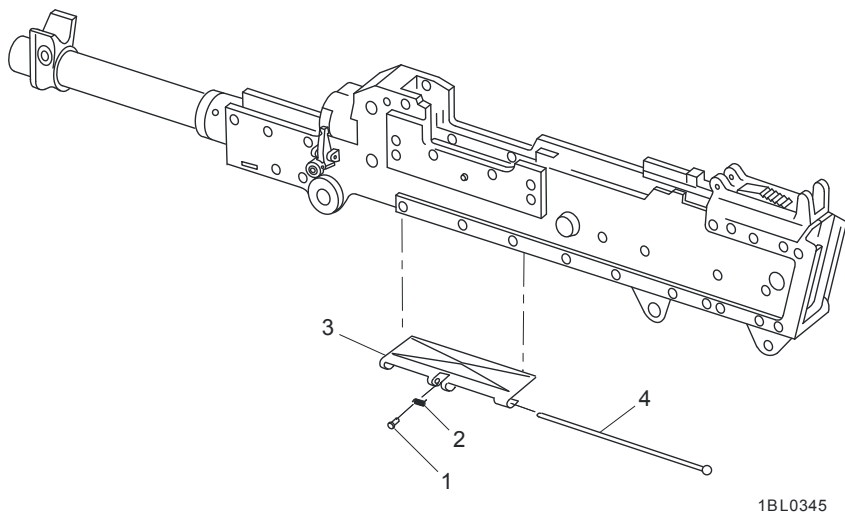
■ (M240B/M240H/M240L): Inspect forward rail body assembly (25) for cracks or bends, which will effect rail alignment or contact with gas tube. Check for loose cap screws. Lightly lubricate all metal parts before reassembly.



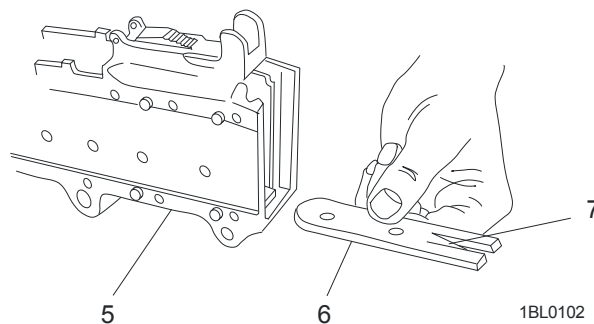
1BL0343

REASSEMBLY

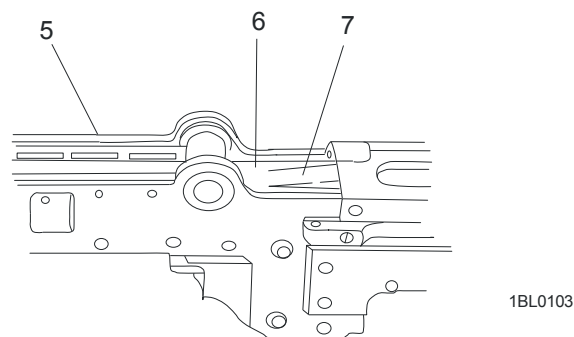
Install detent (1), spring (2), ejection port cover (3) and hinge pin (4).



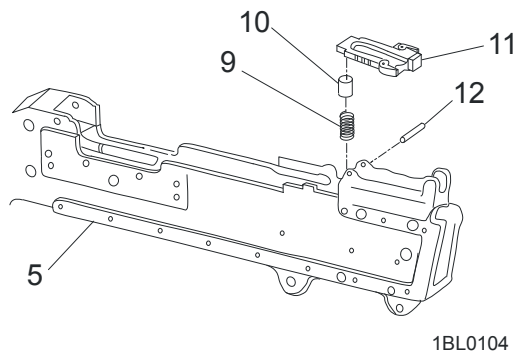
With receiver (5) right side up, install access cover (6). Place solid end in first with bent end of tang (7) pointed downward. Slide cover (6) forward until tang (7) clicks into locked position in receiver (5).



Turn receiver (5) over and make sure access cover (6) and tang (7) are in correct position.



(M240B/M240D/M240E1/M240H/M240L/M240N): Turn receiver (5) over and install compression spring (9), rear sight plunger (10), and rear sight assembly (11). Align holes in rear sight assembly (11) with holes in receiver (5) and install headless straight pin (12).



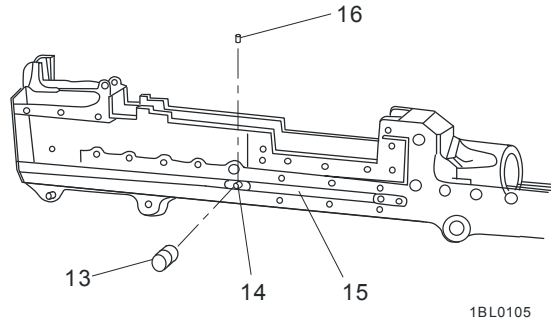
Stake headless straight pin (12) in place on both sides ensuring ends of pin flare enough to hold pin firmly in place.

FIELD MAINTENANCE OF RECEIVER ASSEMBLY

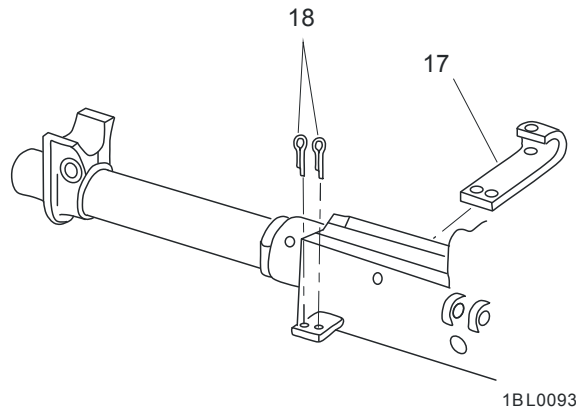
**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)**

REASSEMBLY (cont)

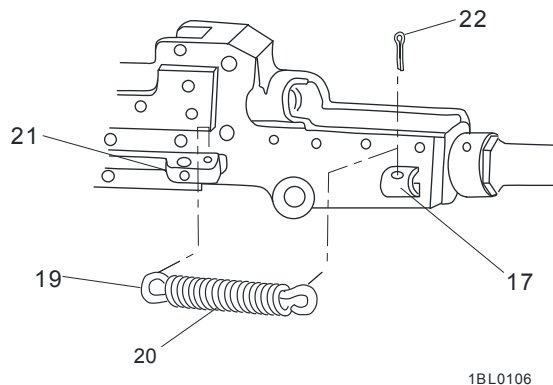
(M240D/M240E1/M240H): Install manual control handle (13) to post (14) of charger slide (15) and install new pin (16).



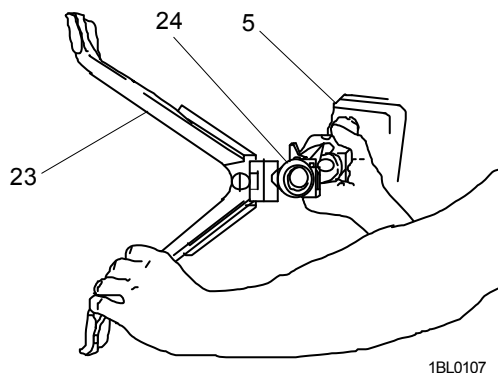
(M240/M240C/M240D/M240E1/M240H): Install spring mounting plate (17) from right side with curved end up. Install new cotter pins (18) with heads up. Spread legs of cotter pins (18) to secure.



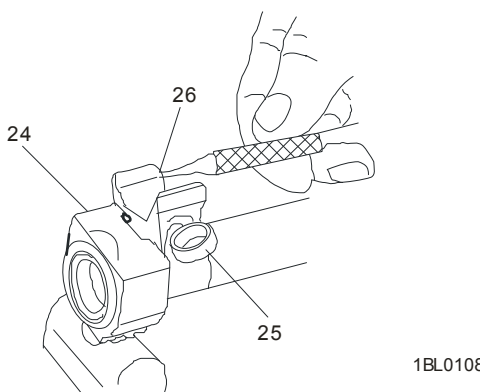
(M240/M240B/M240C/M240D/M240E1/M240H): Spread rear end (19) of extension spring (20) and hook to charger slide (21). Rotate extension spring (20) and secure new cotter pin (22) in spring mounting plate (17). Spread end of cotter pin (22) to secure.



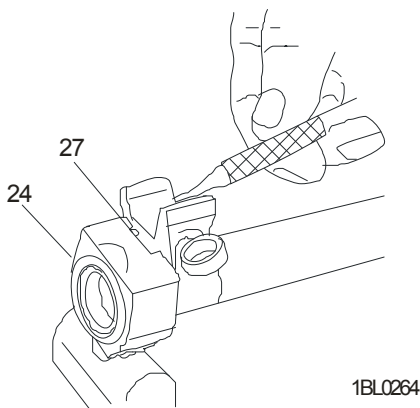
(M240B/M240L): Reattach the bipod assembly (23) to the receiver (5) by aligning the gaps in the bipod head (24) with the flanges on the receiver. Swivel the bipod assembly (23) so it is in the upright position.



(M240B/M240L): Insert front sling ring (25) into position from the left side of receiver. Use a punch and hammer to install the bipod retaining pin (26) into the cut-out in the bipod head (24) (pin will protrude). Ensure bipod retaining pin (26) is loose enough to prevent binding of the bipod head (24). Ensure proper operation of bipod latch.



(M240B/M240L): Install bipod assembly. Using a punch, push the bipod retaining pin (27) into cut-out in the bipod head (24). Ensure retaining pin (27) is loose enough to prevent binding of bipod head.

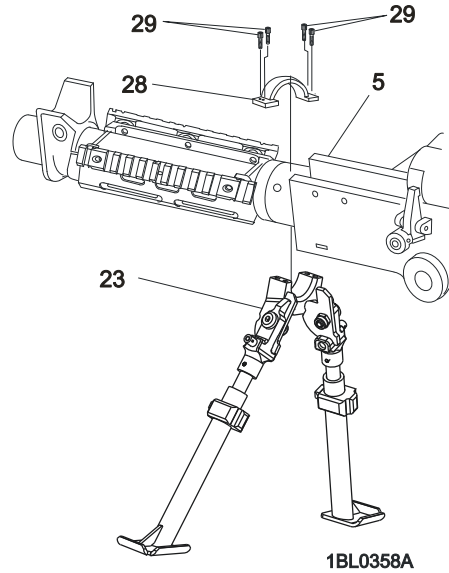


FIELD MAINTENANCE OF RECEIVER ASSEMBLY

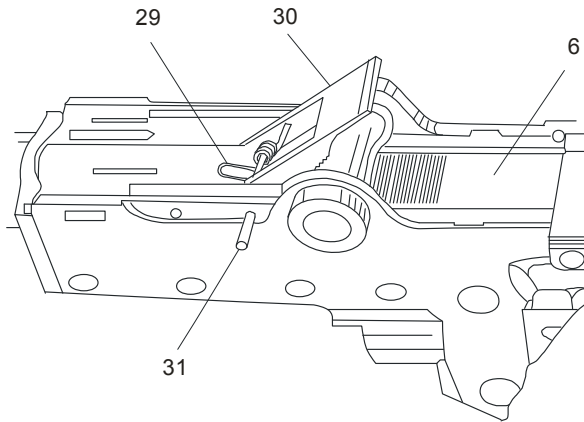
**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)**

REASSEMBLY (cont)

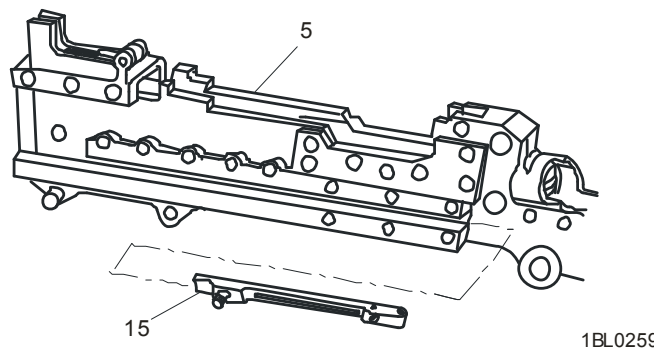
(M240H): Place bipod legs (23) on bottom of receiver (5); align clamp (28) to bipod legs. Clean and dry each of the 4 screws (29) then apply a drop of Loctite 246 (item 5, WP 0065 00) to the threads and secure.



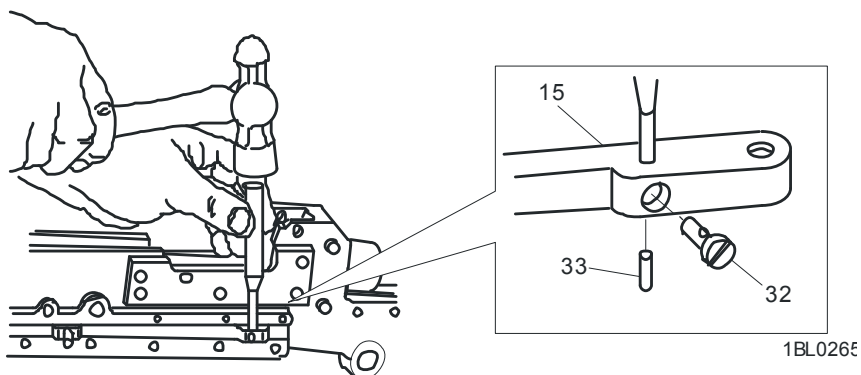
(M240B/M240L/M240N): With receiver upside down, place the retaining latch spring (29) into bipod retaining latch (30). Place both latch and spring into the receiver. Align holes and install retaining latch pin (31). Push bipod retaining latch (30) into the receiver and close access cover (6).



Install charger slide (15) into right front side of receiver (5) and slide rearward.



Install headed straight pin (32) in charger slide (15). Align headed straight pin (32) slot with slide spring pin hole and secure with new spring pin (33). Spring pin (33) must be flush on both sides.



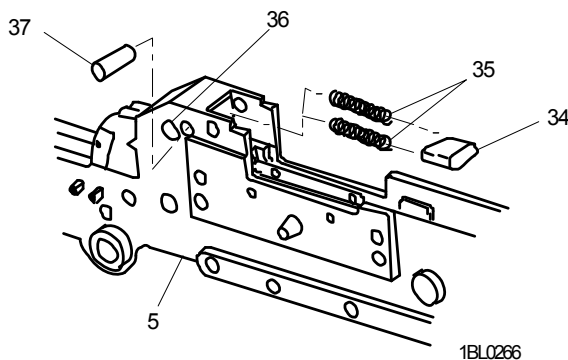
NOTE

If new springs are used, open the first coil on one end of each spring prior to insertion. Either end may be used to secure detent plunger.

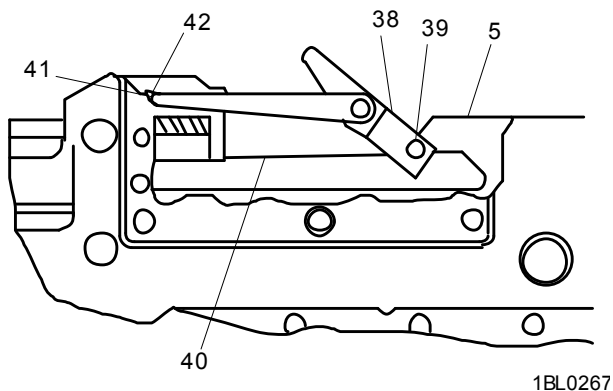
Lubricate detent plunger (34) and two springs (35) with lubricating oil and insert springs (35) into wells in detent plunger (34) (open end is inserted in the plunger first).

Install detent plunger (34) in receiver (5) with slot in detent plunger (34) facing down. Start spring pin (35) into hole (36) in receiver.

Install spring pin (37).



Position cover detent plunger disassembly tool (38) on receiver (5) so that rear pins (39) rest against upper breechblock guides (40) and its nose (41) sets in groove of detent plunger (42).



FIELD MAINTENANCE OF RECEIVER ASSEMBLY

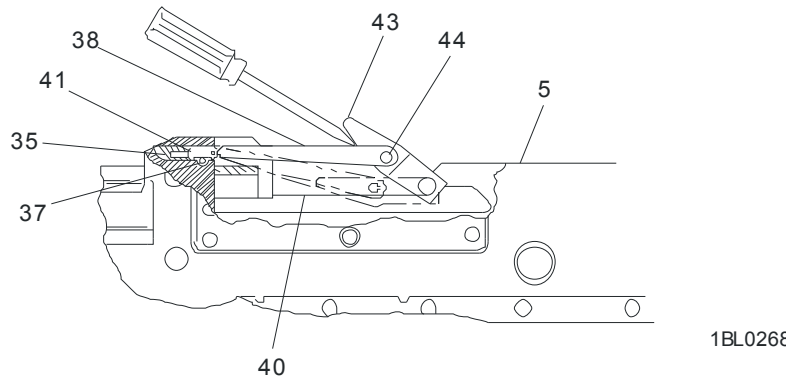
**M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)**

REASSEMBLY (cont)

Push lever (43) of cover detent plunger disassembly tool (38) fully downward so that detent plunger (41) compresses springs (35) and pin (44) will come to rest on upper breechblock guides (40) of receiver (5).

Complete installation of spring pin (37).

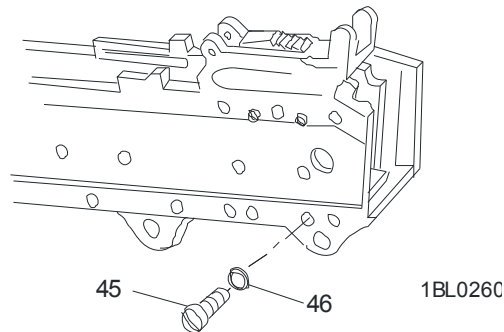
Use screwdriver to remove cover detent plunger disassembly tool (38) as shown.



NOTE

Perform this procedure only if flat washers (45) and pan-head machine screws (46) are missing.

Install four flat washers (45) and pan-head machine screws (46).



NOTE

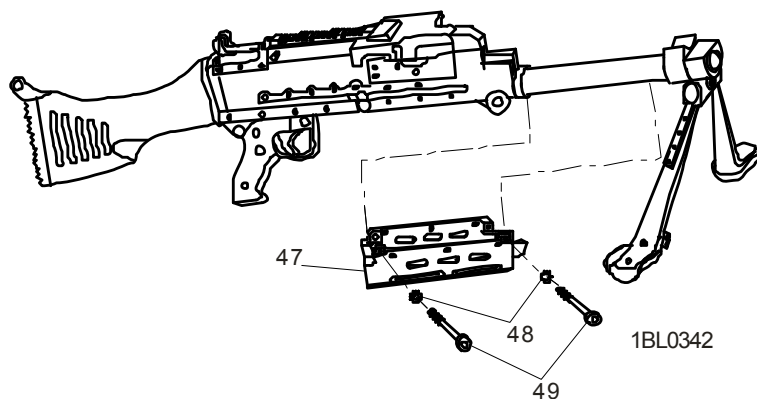
Lubricate threads of all screws before installation.

(M240B/M240H/M240L): Install the accessory rail body (47) against the receiver at the receiver/gas tube juncture with the extruded end pointing forward on the gas tube.

NOTE

Do not over-tighten screws; damage to gas tube can occur.

Install new lock washer (48) on each of the screws (49). Apply loctite 246 (item 5, WP 0065 00) to the threads and insert into the forward and rear mounting holes from right to left. Hand-tighten screw until finger tight. Using a 5/32" hex wrench, tighten the forward screw no more than 3 revolutions past finger tight. Tighten the rear screw no more than 1/4 revolution past finger tight.



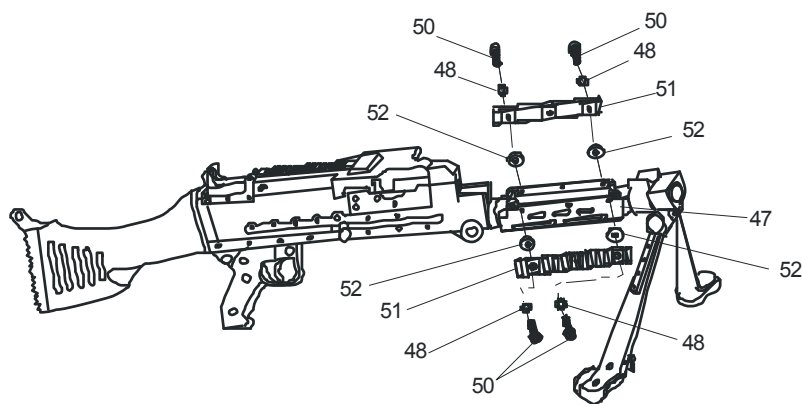
Function check weapon, if the operating rod binds in the gas tube back-off the screws 1/4 turn. Continue to function check until the operating rod moves freely through the gas tube.

NOTE

The right and left rails (50) are interchangeable.

The end of each rail with the partial groove (larger numbers) should be toward the muzzle of the weapon.

Install new lock washer (48) on each of six screws (50). Insert screw (50) through the forward mounting hole of rail (51) so the head of screw (50) sits in the counter bore in the rail (51). Align an insulator (52) between the rail (51) and rail body (47), insert screw into the rail body (47) and tighten screws finger tight. Repeat for rear screws.

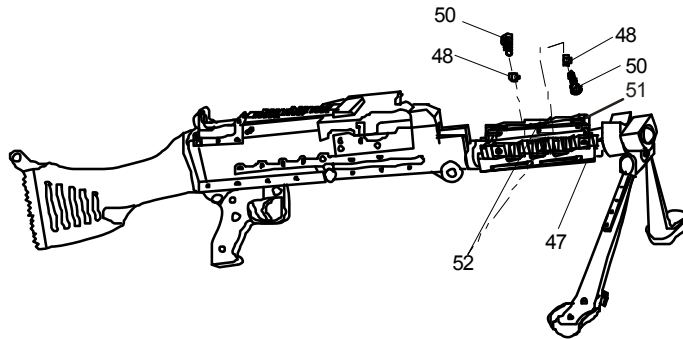


FIELD MAINTENANCE OF RECEIVER ASSEMBLY

M240/M240C, NSN N/A, PN 11826192; M240B, NSN N/A, PN 12976834;
M240D/M240H, NSN N/A, PN 12977104; M240E1, NSN N/A, PN 12597044;
M240L, NSN N/A, PN 13016494; M240N, NSN N/A, PN 12999179 (cont)

REASSEMBLY (cont)

Align an insulator (52) between the rail (51) and rail body (47). Insert center screws (50) through rail body (47) from the inside, push screw (50) through the insulator (52) into the rail (51) and tighten screws finger tight.

**NOTE**

Do not over-tighten screws.

Tighten all six screws (50) 1/2 turn.

END OF WORK PACKAGE

FIELD MAINTENANCE OF RECEIVER BODY ASSEMBLY
M240/M240B/M240C/M240D/M240E1/M240H; M240N, NSN N/A, PN 11826080;
M240L, NSN N/A, PN 13016495

This task covers: Disassembly/Inspection/Repair/Reassembly

INITIAL SETUP

Tools and Special Tools

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts

Crocus abrasive cloth (item 3, WP 0065 00)

Equipment Condition

Receiver body with major components
 (TM 9-1005-313-10) and bipod assembly
 removed (WP 0021 00).

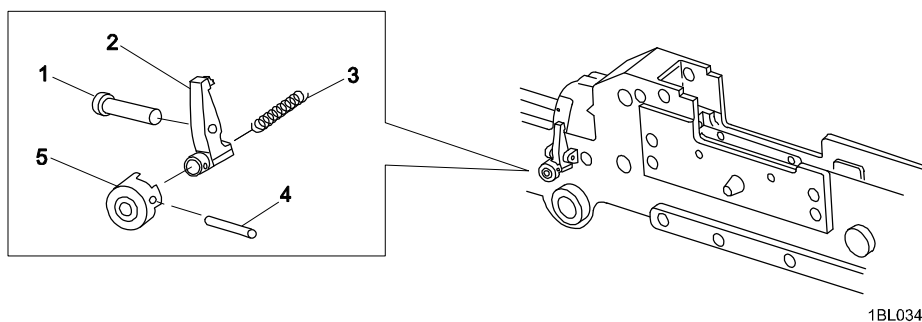
DISASSEMBLY/INSPECTION/REPAIR/REASSEMBLY

NOTE

Remove components only to replace/repair.

Remove headed grooved pin (1), barrel locking latch (2), and helical compression spring (3) from receiver.

Punch out spring pin (4) and remove latch cap (5).



Check pin (1), barrel locking latch (2) and cap (5) for distortion, cracks, or excessive wear. Replace if distorted, cracked or excessively worn.

Check spring (3) for breaks, cracks, or distortion. Replace if spring if broken, cracked or permanently set.

END OF WORK PACKAGE

**FIELD MAINTENANCE FOR REAR SIGHT ASSEMBLY
M240B/M240D/M240E1/M240H/M240L/M240N, NSN N/A, PN 12597046**

This task covers: a. Disassembly b. Repair c. Reassembly

INITIAL SETUP**Tools and Special Tools**

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

Materials/Parts

Sealing compound (item 12, WP 0065 00)

Equipment Condition

Rear sight removed from receiver
(WP 0021 00).

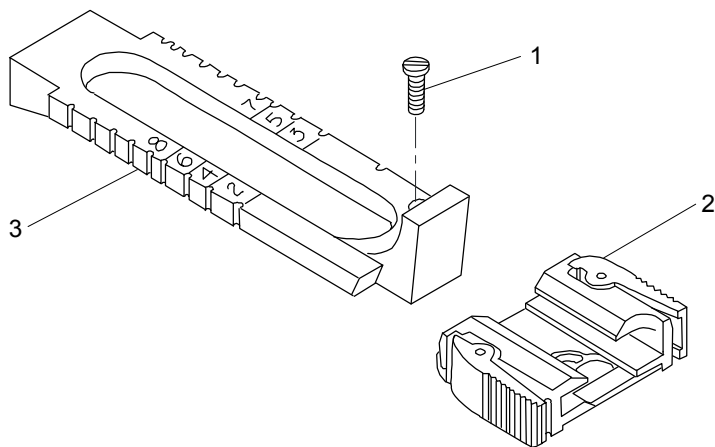
DISASSEMBLY/REPAIR/REASSEMBLY

Remove stop screw (1) and slide assembly (2) from rear sight leaf (3).

Repair by replacing unserviceable components.

Install slide assembly (2) on rear sight leaf (3) using stop screw (1).

Apply thread locking sealing compound (item 12, WP 0065 00) to stop screw (1) in accordance with ASTM D5363.



1BL0109

END OF WORK PACKAGE

FIELD MAINTENANCE OF SLIDE ASSEMBLY**M240B/M240D/M240E1/M240H/M240L/M240N, NSN 1005-01-251-9690, PN 12597048**

This task covers: a. Disassembly/Inspection/Repair b. Reassembly

INITIAL SETUP**Tools and Special Tools:**

Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)

Materials/Parts:

Pin, P/N 12597052

Equipment Condition

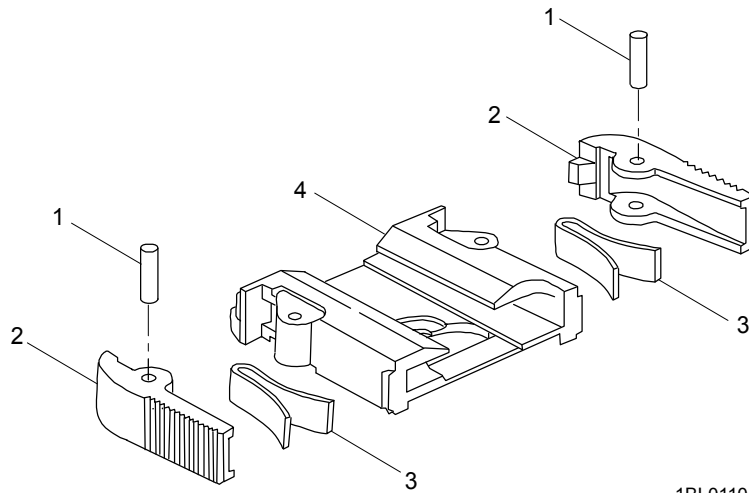
Slide assembly removed from rear sight
 (WP 0023 00).

DISASSEMBLY/INSPECTION/REPAIR

Drive out two headless straight pins (1) and remove two rear sight catches (2) and two rear sight catch springs (3) from rear sight slide (4). Discard straight pins (1).

Visually inspect all components for damage.

Repair by replacing unserviceable components.

**REASSEMBLY**

Install two rear sight catch springs (3) and two rear sight catches (2) in rear sight slide (4) securing with two new headless straight pins (1).

Place the complete slide assembly on a rigid surface. Using a 1/8 inch punch, slightly peen the top of the headless straight pin (1) until it will not slide through the pin hole in the rear sight catch (2). Peen the opposite end of headless straight pin (1). Headless straight pin (1) must protrude through both sides of the rear sight catch (2).

END OF WORK PACKAGE

FIELD MAINTENANCE OF BIPOD ASSEMBLY
M240B/M240L, NSN 1005-01-408-5905, PN 12976883

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools

Tool Kit, Small Arms Repairman,
 PN SC 5180-95-B71;
 SL-3-00607A (Marine Corps only)
 Equipme

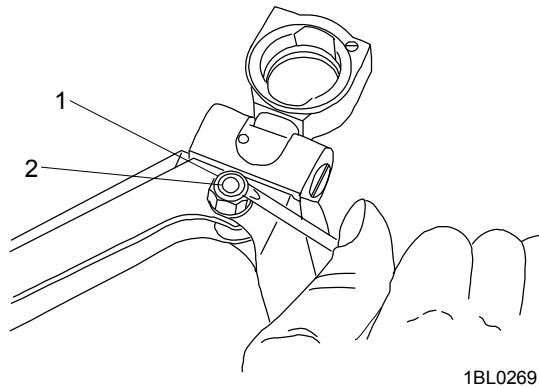
Materials/Parts

Split pin, PN 12976904
 Ring, Locking, PN 12976906

nt Condition
 Bipod assembly removed from receiver
 (WP 0021 00).

DISASSEMBLY

Using as screwdriver or other pointed tool, lift/remove the locking ring (1) from the bipod leg pin nut (2). Discard locking ring (1).

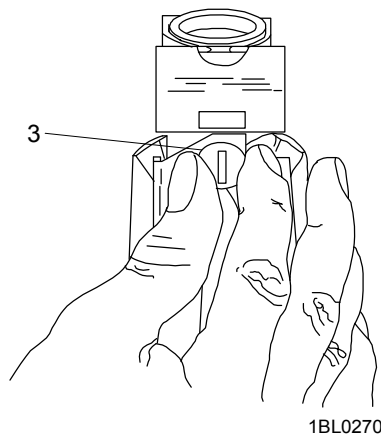


WARNING



Bipod spring is under spring tension. Cover with free hand while removing/separating bipod legs. Injury to personnel could occur.

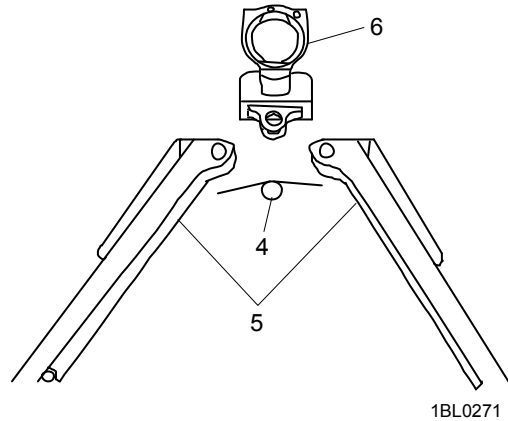
Unscrew the bipod leg pin (3), and remove the washer and nut.



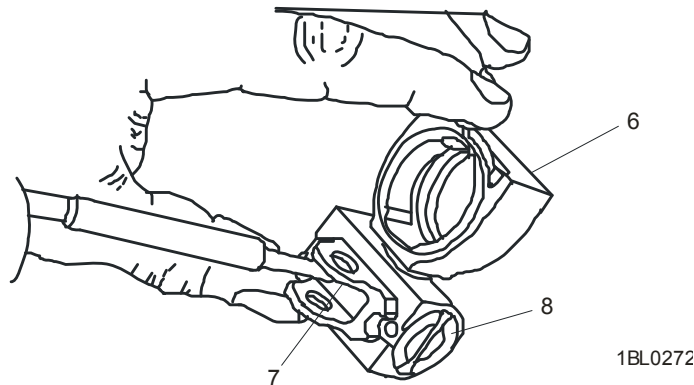
FIELD MAINTENANCE OF BIPOD ASSEMBLY
M240B/M240L, NSN 1005-01-408-5905, PN 12976883 (cont)

DISASSEMBLY (cont)

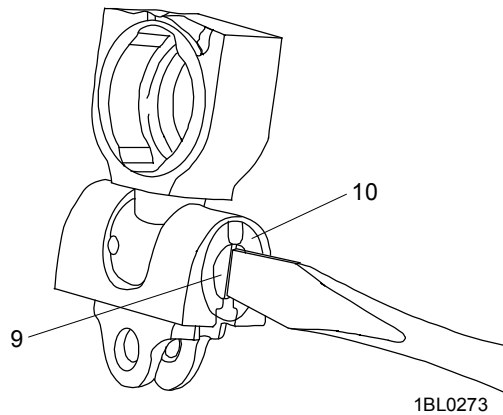
Separate the bipod leg spring (4) and bipod legs (5) from the tripod head (6).



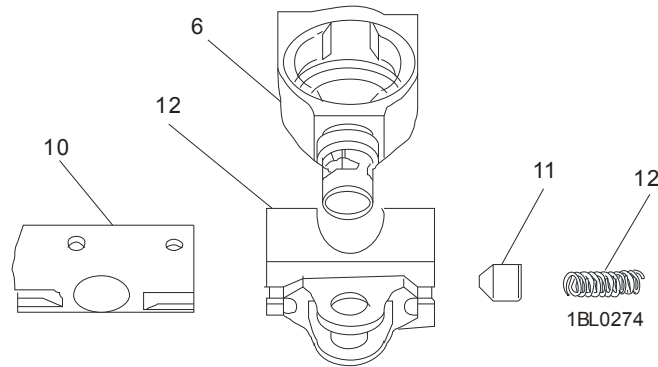
Rotate the bipod head (6) 90 degrees, so the split pin (7) inside the hollow cylinder (8) is exposed. Use a punch to remove the split pin from the hollow cylinder and discard pin (7).



Using a screwdriver, push in and turn the bipod head plug (9) 1/4 turn until the tangs are aligned with the grooves on the hollow cylinder (10). The plunger and spring will push the plug out of the head.



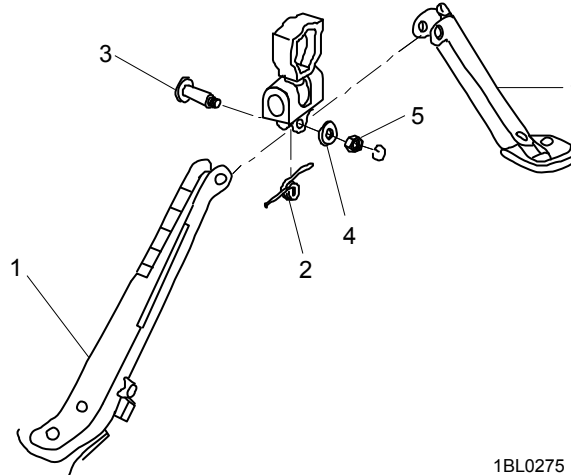
Remove the retaining plunger (11) and plunger spring (12). Separate the bipod head (6) and remove the hollow cylinder (10) from the hinging head (13).



INSPECTION /REPAIR

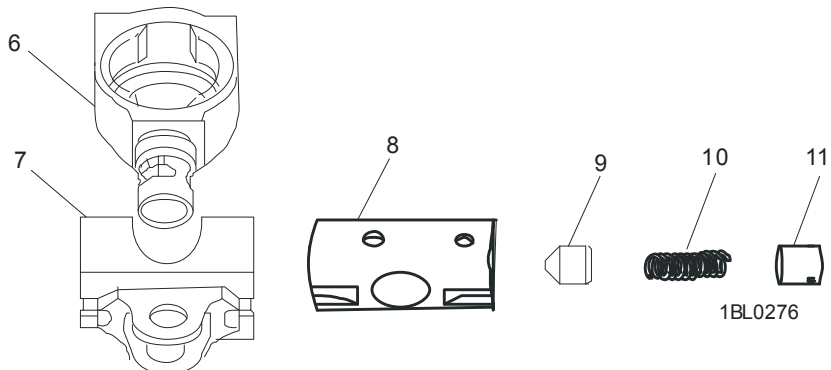
Inspect bipod legs (1), bipod leg spring (2) and bipod leg pin (3) for distortion, cracks, or excessive wear. Replace if distorted, cracked, or excessively worn.

Inspect washer (4), and nut (5) for rust and damage. Replace unserviceable components.



Inspect bipod head (6), hinging head (7), and hollow cylinder (8) for burrs, cracks, or distortion. Replace if distorted, cracked, or if hinging head (7) does not rotate freely on the bipod head (6).

Inspect retaining plunger (9), plunger spring (10), and bipod head plug (11) for burrs, cracks, or distortion. Replace unserviceable components.

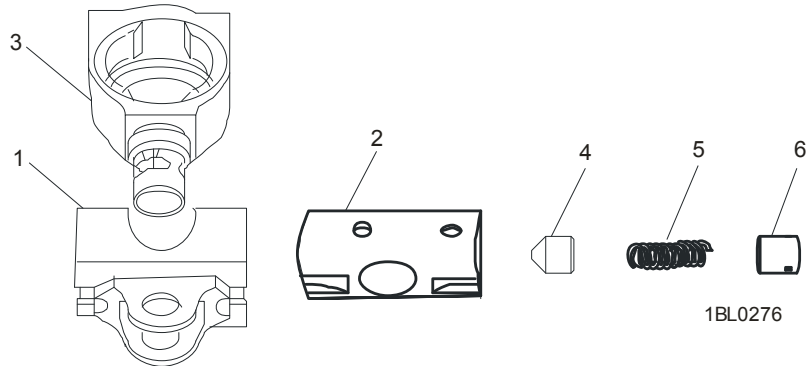


**FIELD MAINTENANCE OF BIPOD ASSEMBLY
M240B/M240L, NSN 1005-01-408-5905, PN 12976883 (cont)****REASSEMBLY**

Hold the hinge head (1) as shown with the screw bracket down and opening toward you.

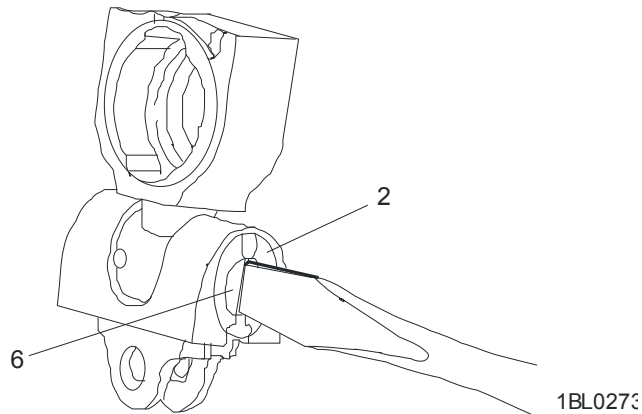
Insert the hollow cylinder (2) with the closed end first from the right with the slots vertical.

Push bipod head (3) into hollow cylinder (2), with plunger detent to the right. Insert retaining plunger (4), pointed end first, and retaining spring (5) into open end of hollow cylinder (2).

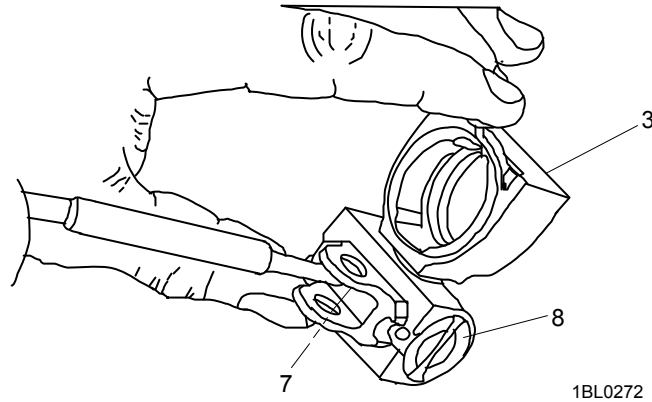


Insert bipod head plug (6) into the hollow cylinder (2) with tangs aligned.

Using a screwdriver, push in on bipod head plug (6) and make a 1/4 turn in either direction until it locks in place. The bipod head plug (6) will be flush with the hollow cylinder (2).



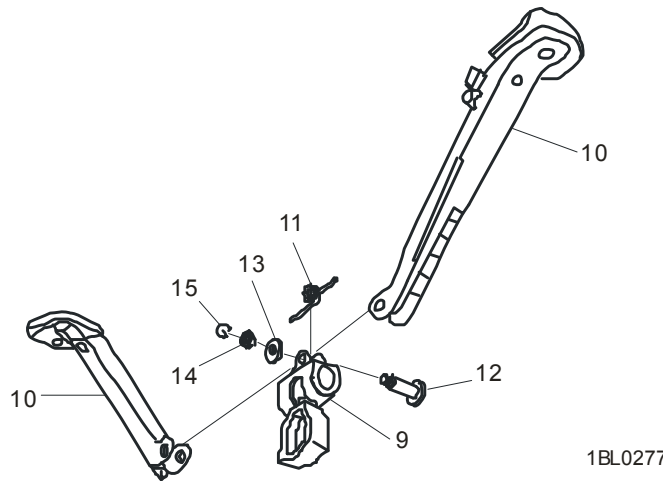
Rotate bipod head (3) until the hole for the split pin (7) is aligned. Tap the new split pin (7) into cylinder (8).



NOTE

Legs must be reattached so the bipod leg catches are on the same side of the hinge head as the bipod head slot, or the bipod will not pivot toward the rear of the machine gun.

Assemble the bipod upside down. Using protective jaws, clamp the hinge head (9) upside down in vise. Align the hinge holes of the bipod legs (10) with the hinge head (9).



Press the bipod leg spring (11) into the “V”, formed by the bipod legs, and insert the bipod leg pin (12) from the solid side of the hinge head (9).

Mount washer (13) and hand-tighten nut (14) onto bipod leg pin (12), ensuring that the hole in the bipod leg pin (12) is aligned with groove in nut (14).

Install new locking ring (15) through the hole in the bipod leg pin (12) and through a groove in the nut (14).

END OF WORK PACKAGE

**FIELD MAINTENANCE OF
BIPOD ASSEMBLY, M240H, NSN 1005-01-565-6692, PN 13013483**

This task covers: a. Disassembly b. Inspection/Repair c. Reassembly

INITIAL SETUP

Tools and Special Tools:

Tool Kit, Small Arms Repairman,
PN SC 5180-95-B71;
SL-3-00607A (Marine Corps only)
Equipme

Materials/Parts:

Loctite, (item 5, WP 0065 00)
Sealing Compound, (item 12, WP 0065 00)

Materials/Parts:

Solvent, (item 4, WP 0065 00)
Spring pin (2), PN NAS1407-9L5

nt Condition

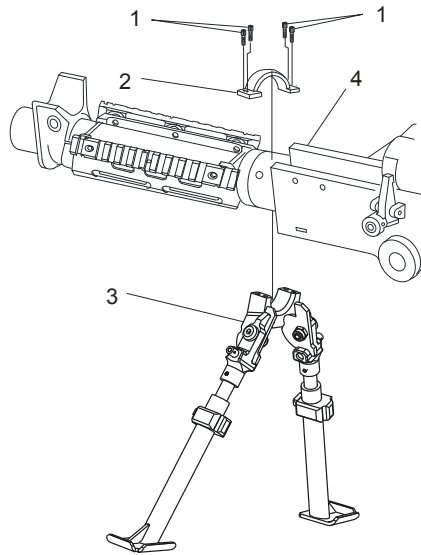
Barrel assembly removed from receiver.

DISASSEMBLY

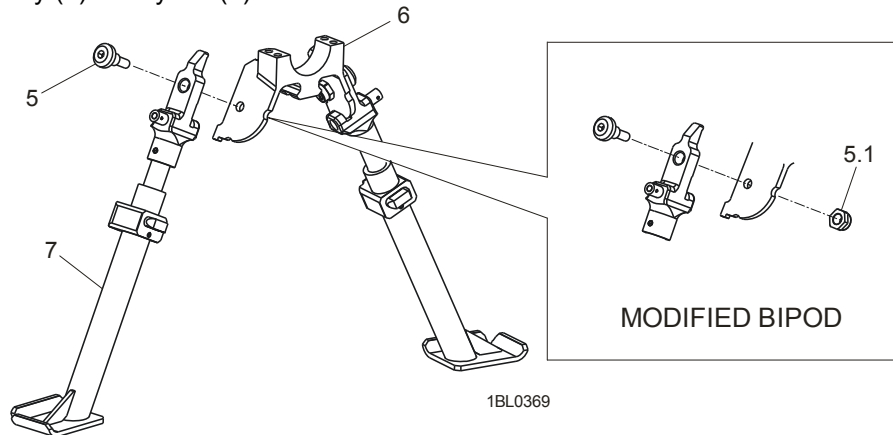
NOTE

Disassembly of right and left leg is the same. Only removal of the right leg is shown for clarity.

Remove four screws (1), clamp (2) and bipod legs (3) from the receiver (4).



Using an allen wrench, remove screw (5), and nut (5.1) if present, from yoke (6), discard nut; separate right leg assembly (7) from yoke (6).



1BL0369

**FIELD MAINTENANCE OF
BIPOD ASSEMBLY, M240H, NSN 1005-01-565-6692, PN 13013483**

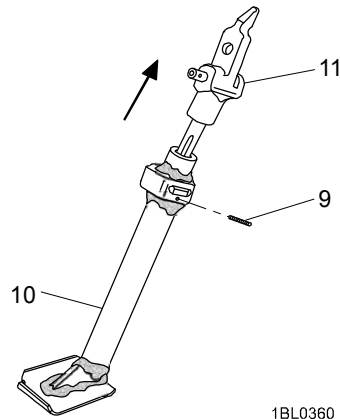
DISASSEMBLY (cont)

WARNING



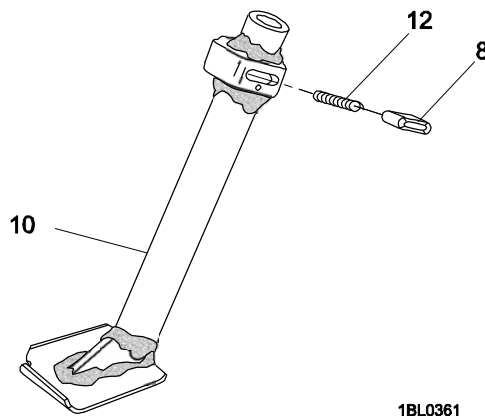
Latch (8) is under spring tension. Use care when removing or injury to personnel could occur.

Using an allen wrench, remove setscrew (9) from lower leg assembly (10); slide the lower leg assembly (10) from upper leg assembly (11). Clean setscrew (9) with solvent.



1BL0360

Separate latch (8) and spring (12) from lower leg assembly (10).



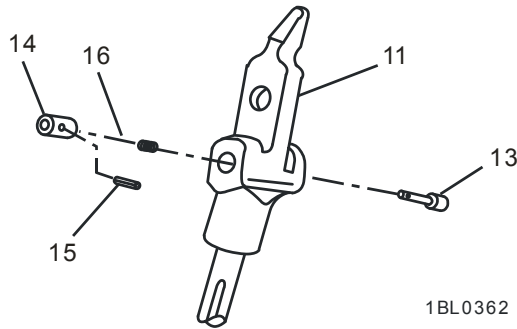
1BL0361

WARNING



Detent (13) and detent cap (13) are under spring tension. Use care when removing or injury could occur to personnel.

Using a punch, remove spring pin (15), discard spring pin. Remove detent (3), detent cap (14) and spring (16) from upper leg assembly (11).



1BL0362

INSPECTION/REPAIR

Inspect all components for cracks, distortion and excessive wear.

Inspect springs for bends or breaks.

Repair is by replacement of authorized parts.

Inspect bipod retaining pin (between upper leg assembly and lower leg assembly) for stake. Stake if pin is missing stake

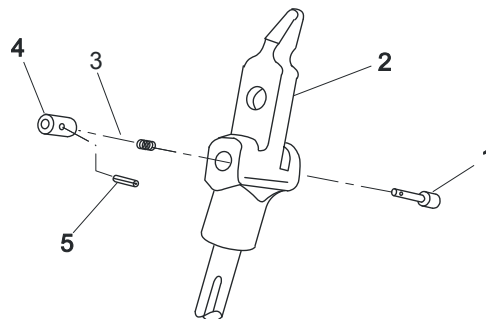
REASSEMBLY

WARNING



Detent (13) and detent cap (13) are under spring tension. Use care when installing or injury could occur to personnel.

Insert detent (1) from the inner side of the upper leg assembly (2). From the opposite side, place spring (3) on the detent shaft. Place the detent cap (4) on the shaft; push inward and align hole in shaft with hole in cap and insert new spring pin (5) to secure.



1BL0362

**FIELD MAINTENANCE OF
BIPOD ASSEMBLY, M240H, NSN 1005-01-565-6692, PN 13013483**

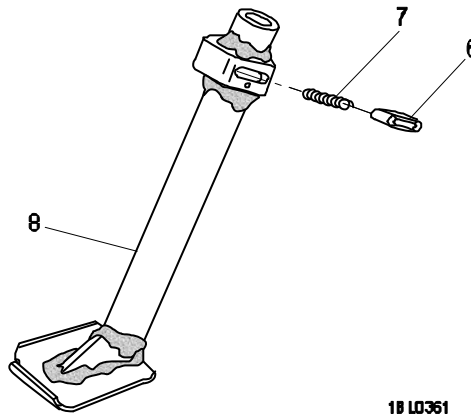
REASSEMBLY (cont)

WARNING



Latch (6) is under spring tension. Use care when installing or injury to personnel could occur.

Place spring (7) in latch (6); and install on lower leg assembly (8).



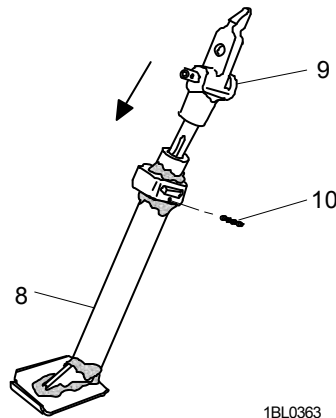
1B L0361

While depressing the latch, slide the lower leg assembly (8) onto upper leg assembly (9).

NOTE

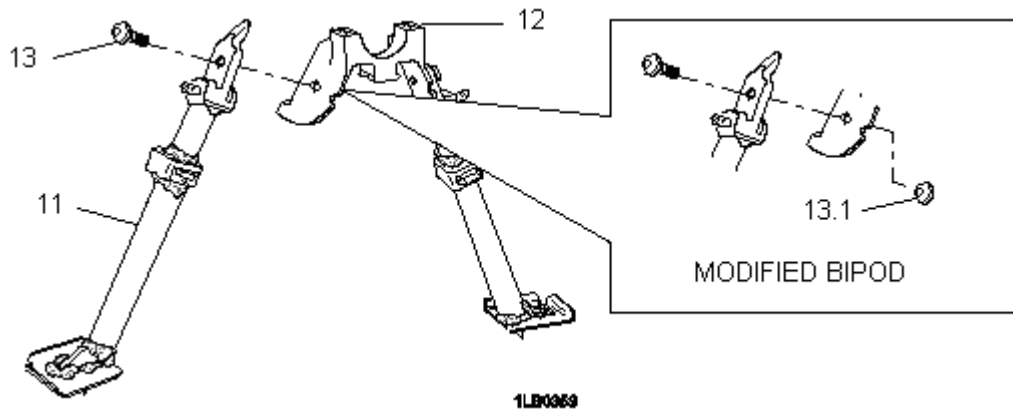
Do not over tighten setscrew, hand-tighten only.

Align the setscrew hole over the slot in the upper leg assembly; apply sealing compound (item 12, WP 0065 00) to setscrew (10) and install and tighten.

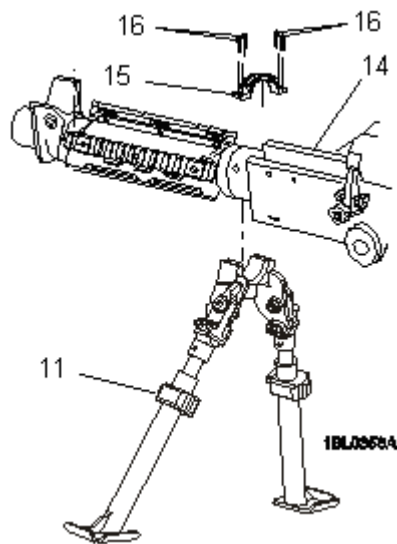


1BL0363

Align leg assembly (11) to yoke (12) and install screw (13), and new nut (13.1) if bipod is modified.



Align bipod legs (11) to the receiver (14); align clamp (15) to bipod legs (11). Clean and dry four screws (16) and apply one drop of loctite (item 5, WP 0065 00) to the threads and install and tighten.



END OF WORK PACKAGE

FINAL INSPECTION OF M240 SERIES MACHINE GUN

This task covers: a. Testing b. Trigger Pull Test c. Further Testing
 d. Using Firing Pin Protrusion Gage to Measure Firing Pin Protrusion
 e. Final Inspection

INITIAL SETUP**Tools and Special Tools**

Shop Set, Small Arms: Field Maintenance,
 Basic Less Power, PN SC 4933-95-CL-A11;
 SL-3-08724A (Marine Corps only);
 SL-3-00607A (Marine Corps only)
 Equipme

Tools and Special Tools (cont)

Firing pin protrusion gage, PN 11826304
 Headspace warning gage, PN 11826299
 Headspace reject gage, PN 11826274

nt Condition
 Machine gun assembled (TM 9-1005-313-10).

TESTING**WARNING**

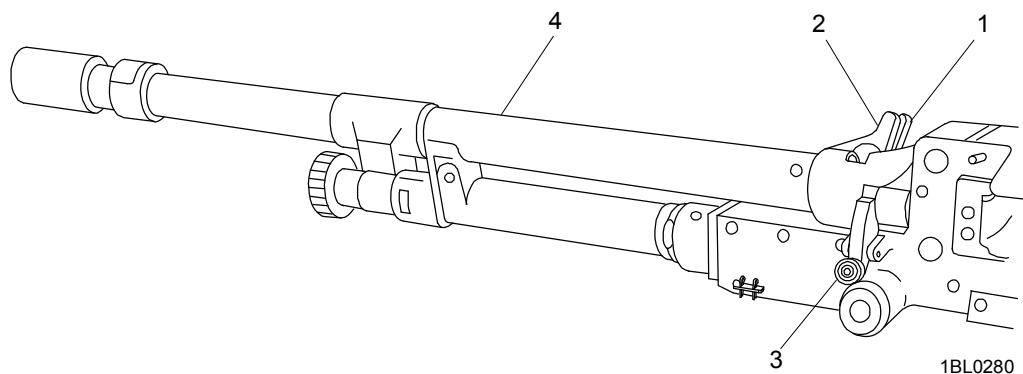
Make certain weapon is cleared and that there are no obstructions in the barrel or chamber. Injury could occur to personnel.

NOTE

Procedures are written for the M240 machine gun but apply to all models of the machine gun except where indicated.

When installing the barrel (4) in the receiver, rotate the barrel release latch/carrying handle assembly (2) clockwise until it stops. Unlock and rotate counter-clockwise completely. While rotating clockwise, count the number of clicks until it stops. Fewer than 2 or more than 7 clicks indicate defective parts. (Make this check with spare barrel also.)

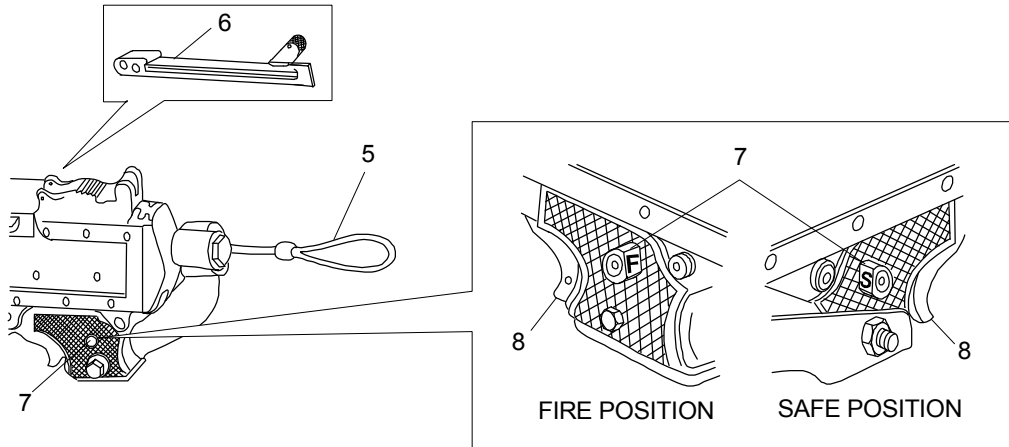
Check operation and position of the barrel release latch (1), barrel release (2), and barrel locking latch (3). Barrel (4) must be locked securely in receiver.



FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

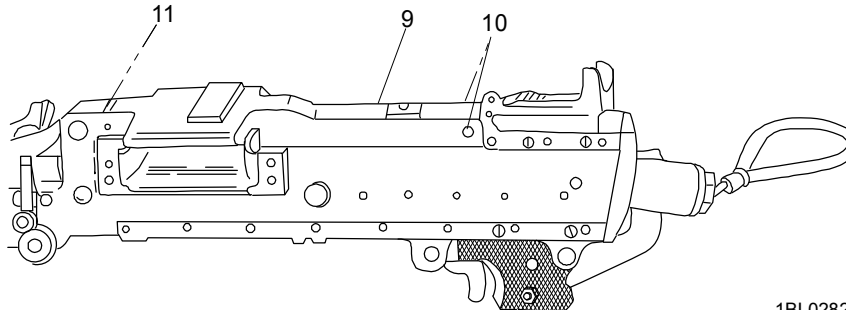
TESTING (cont)

Charge the weapon with charger cable (M240/M240C) (5) or manual control handle (M240B/M240D/ M240E1/M240H/M240L/M240N) (6). Charging action must be smooth and positive. Operate the safety (7). Action must be smooth and positive, locking in either safe or fire position. When safety is in "F" position, pull trigger (8). Weapon must fire. When safety is in "S" position, weapon must not fire.



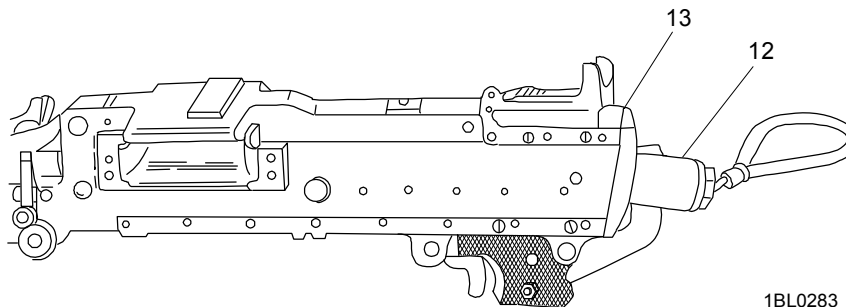
1BL0281

Open and close cover (9). Locking in the closed position must be positive. Depress cover latches (10) and open cover. The detent plunger (11) action must hold the cover open.



1BL0282

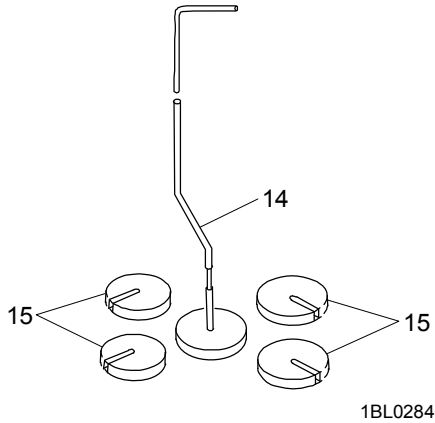
Check buffer assembly (12). Buffer must be flush with top of receiver (13).



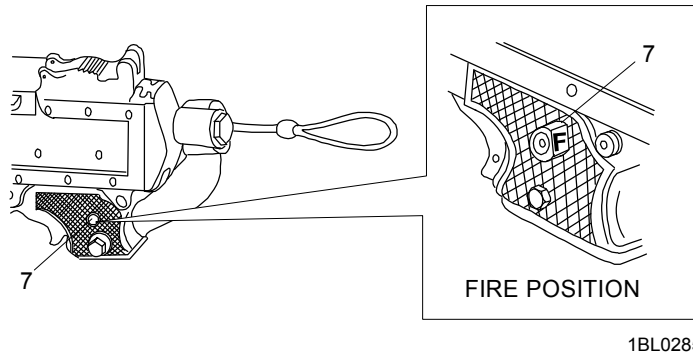
1BL0283

TRIGGER PULL TEST

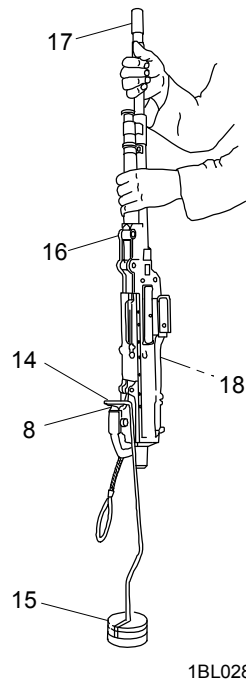
Place test fixture (14) on bench and add test weights (15) until a minimum load 3.6 kg (8lb) is reached.



Place safety (7) to "F" position and charge weapon.

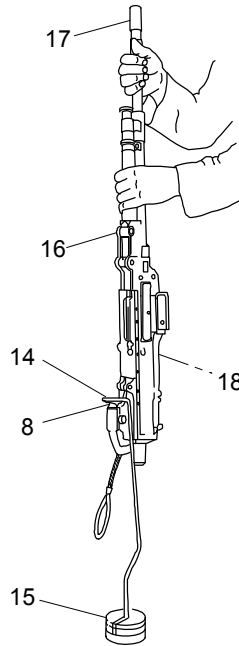


Hold machine gun (16) in vertical position. Hook end of test fixture (14) over trigger (8) and slowly raise machine gun (16) in a line parallel to the barrel bore (17) until test weights (15) are suspended. The bolt assembly (18) should not move forward to firing position.



FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)**TRIGGER PULL TEST (cont)**

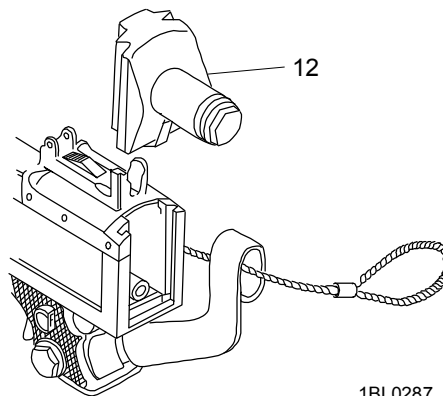
Remove fixture (14) and add weights (15) until maximum load of 7.045 kg (15 1/2 lb) is reached. (M240B/M240L/M240N with hydraulic buffer, maximum load is 8.5 kg (18.75 lb).) Repeat above procedures. Bolt assembly (18) should move forward to firing position. If machine gun fails trigger pull test, replace defective parts and repeat test.



1BL0286

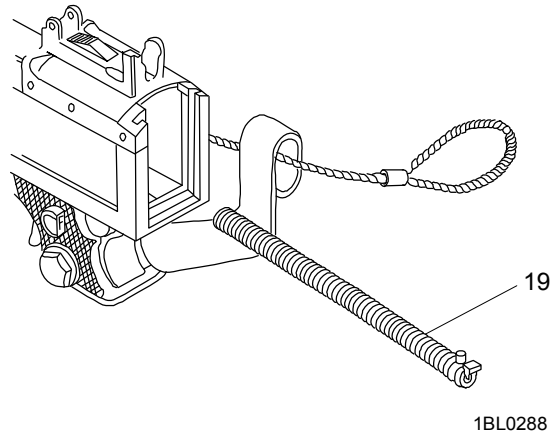
FURTHER TESTING

Remove buffer assembly (12).



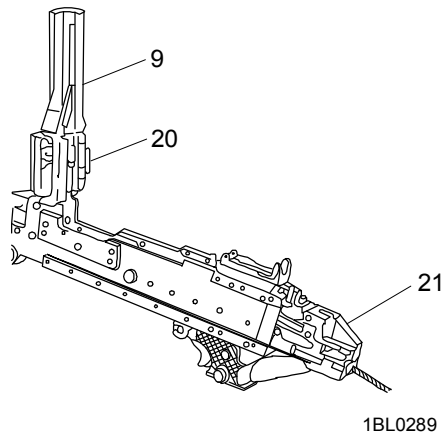
1BL0287

Remove driving spring rod assembly (19).

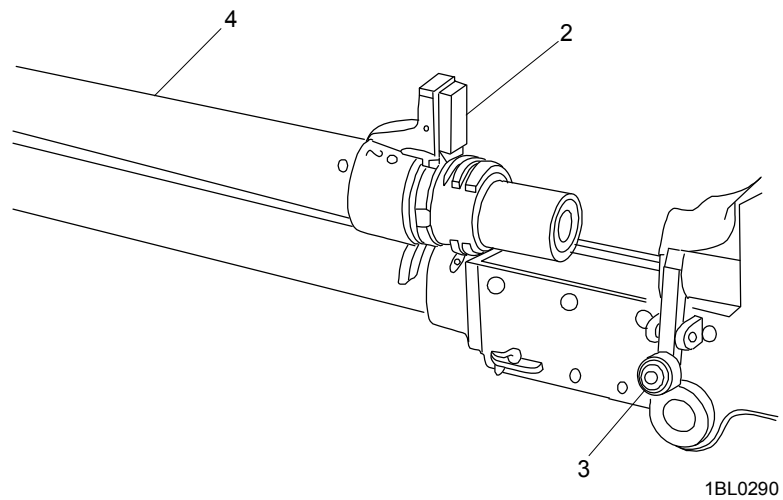


Raise cover (9) and feed tray (20).

Slide bolt and operating rod assembly (21) slightly rearward.



Release barrel locking latch (3) and turn barrel release latch (2) to upright position and move barrel assembly (4) slightly forward.



FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

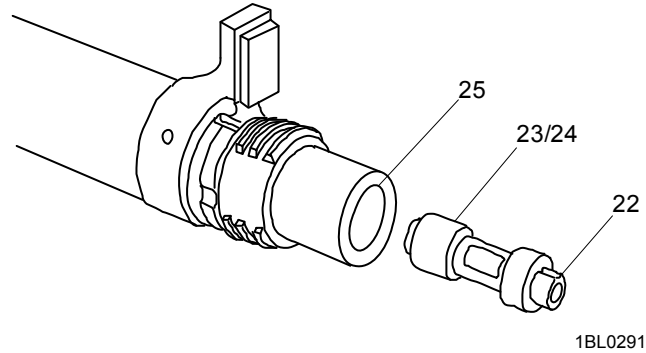
FURTHER TESTING (cont)

NOTE

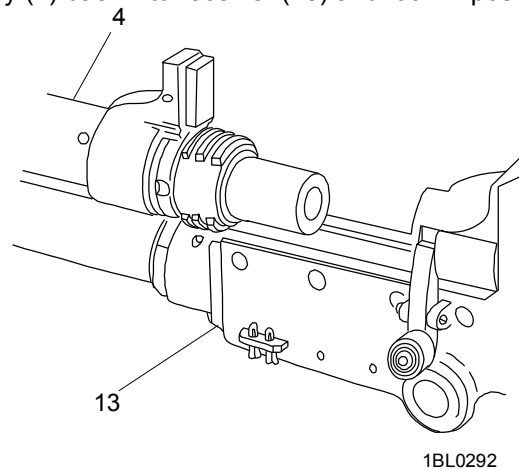
Perform head space gaging on both barrels.

The notch (22) in headspace gage (warning (23)/reject (24)) must face upward and toward the rear of chamber (25) to provide clearance for ejector.

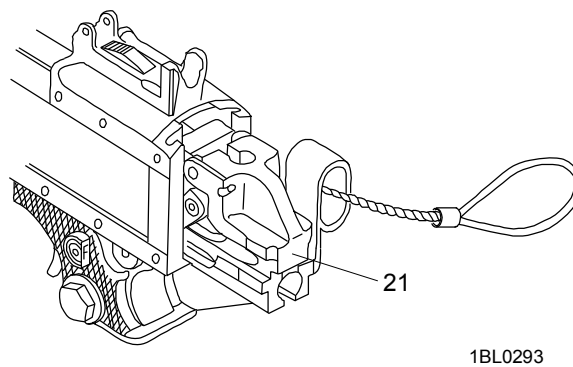
Insert headspace gage (warning (23)/reject (24)) with notch up in chamber (25).



Carefully place barrel assembly (4) back into receiver (13) and lock in position.



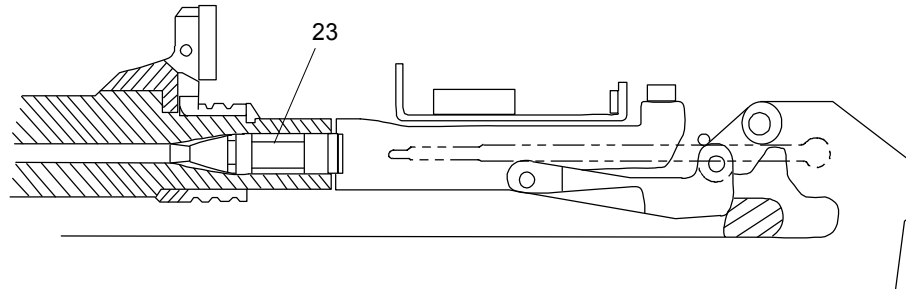
Slide bolt and operating rod assembly (21) forward and exert slight pressure to determine if weapon is in locked or unlocked position.



NOTE

The headspace gage (warning (23)) should not allow bolt assembly to lock in firing position.

In the event of locking with headspace warning gage inserted, the weapon may be kept in service if it is needed for immediate use, as long as the headspace reject gage DOES NOT allow locking of the weapon.



UNLOCKED POSITION

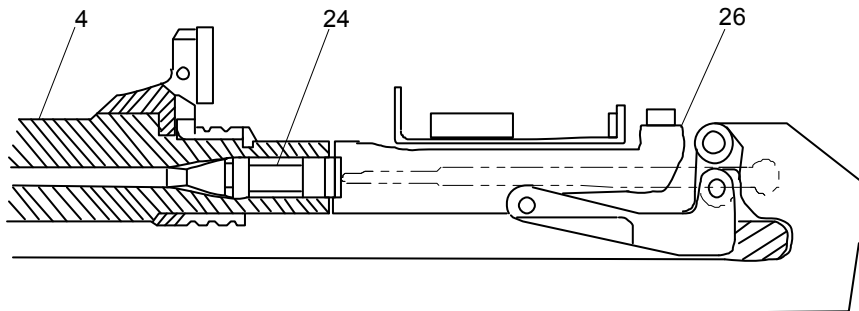
1BL0294

NOTE

The headspace gage (reject (24)) must NOT ALLOW the bolt assembly to lock in the firing position.

If it is necessary to replace parts, headspace warning and reject gaging procedures must be repeated to be sure weapon is serviceable.

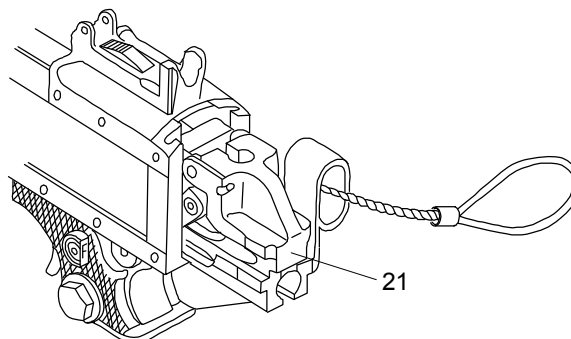
Perform testing with the headspace gage (reject (24)) as shown in four previous steps. If the weapon locks with the headspace gage (reject (24)), do not use the weapon until it is repaired. To repair, replace bolt assembly (26), barrel assembly (4), or replace both bolt assembly and barrel assembly.



LOCKED POSITION

1BL0295

Slide bolt and operating rod assembly (21) slightly rearward.

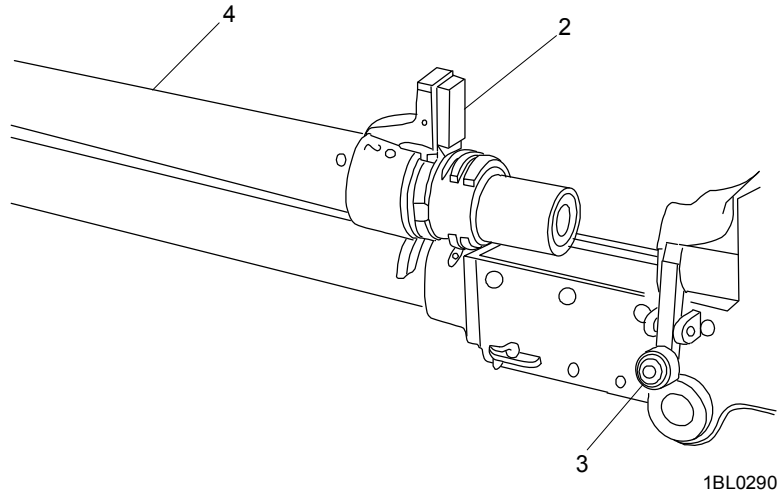


1BL0293

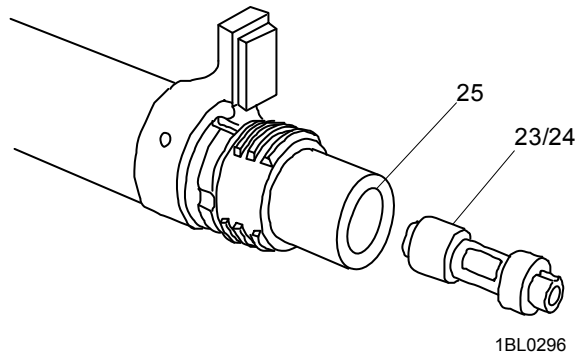
FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

FURTHER TESTING (cont)

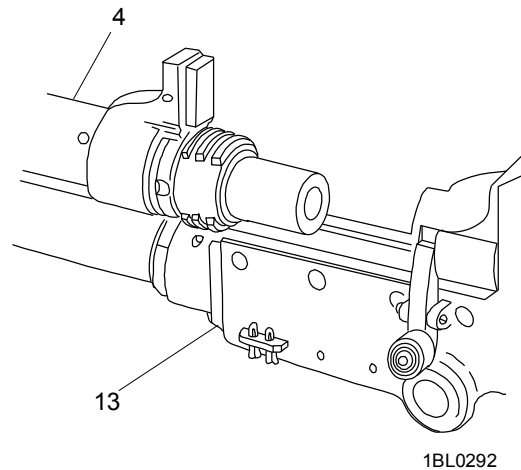
Release barrel locking latch (3) and turn barrel release latch (2) to upright position and move barrel assembly (4) slightly forward.



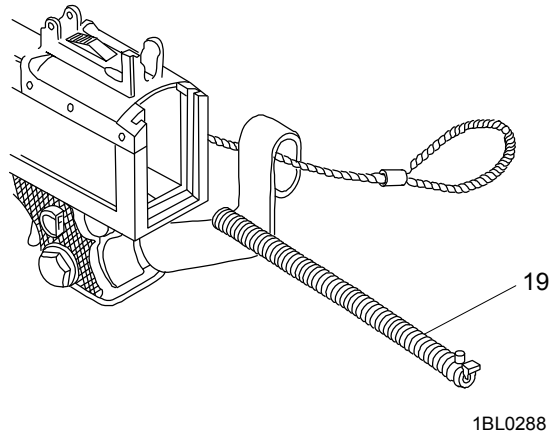
Remove headspace gage (23/24) from chamber (25).



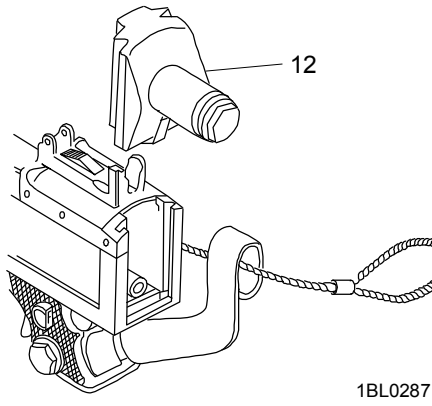
Place barrel assembly (4) back into receiver (13) and lock in position.



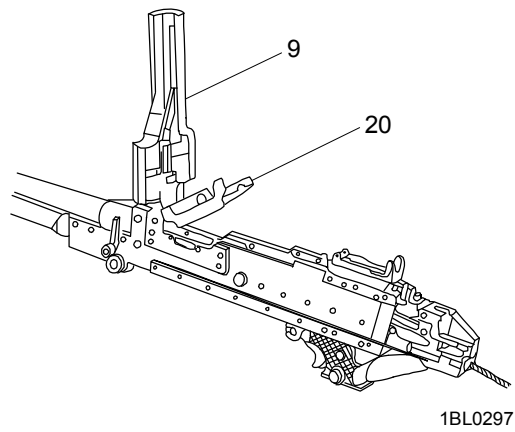
Install driving spring rod assembly (19).



Install buffer assembly (12).



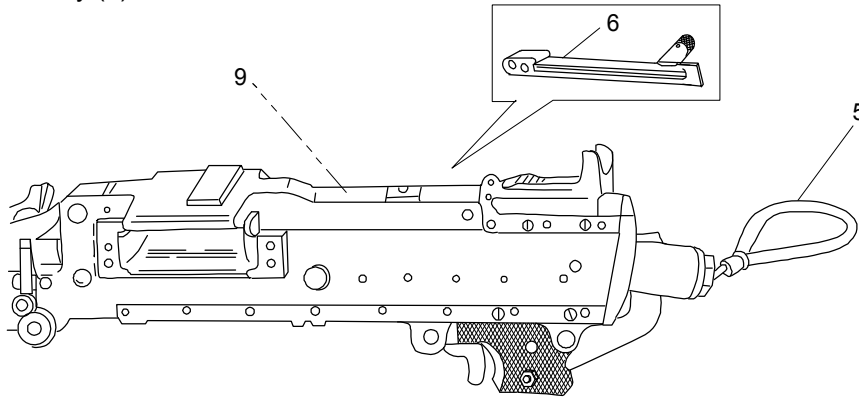
Lower feed tray (20) and close and lock cover (9).



FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

FURTHER TESTING (cont)

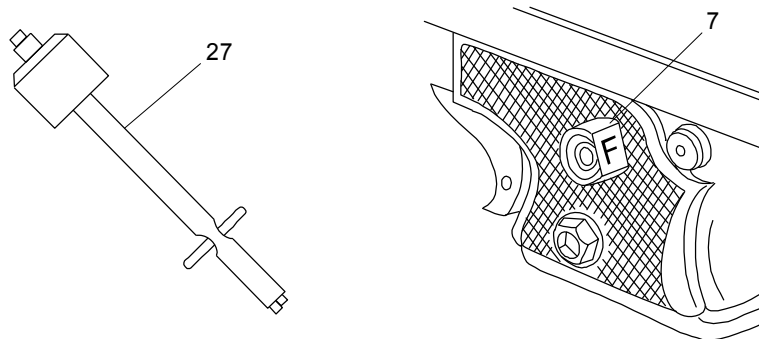
Charge weapon to the rear and release charger cable (M240/M240C) (5) or manual control handle (M240B/M240D/M240E1/M240H/M240L/M240N) (6) to function check the sear action. Bolt and operating rod assembly (9) should remain rearward.



1BL0298

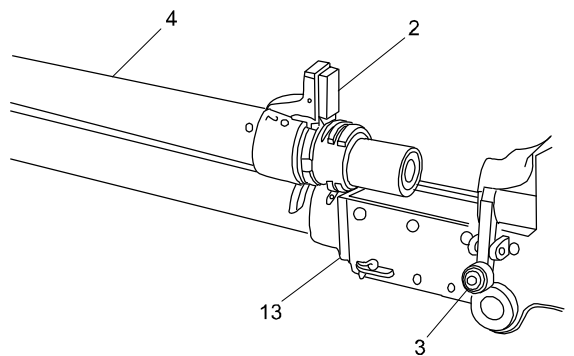
USING FIRING PIN PROTRUSION GAGE TO MEASURE FIRING PIN PROTRUSION (FOR ARMY USE ONLY)

The first step in using the firing pin protrusion gage (27) is to function check the machine gun. The bolt and operating rod must go forward freely to firing position when trigger is pulled. (Safety (7) must be in "F" position.)



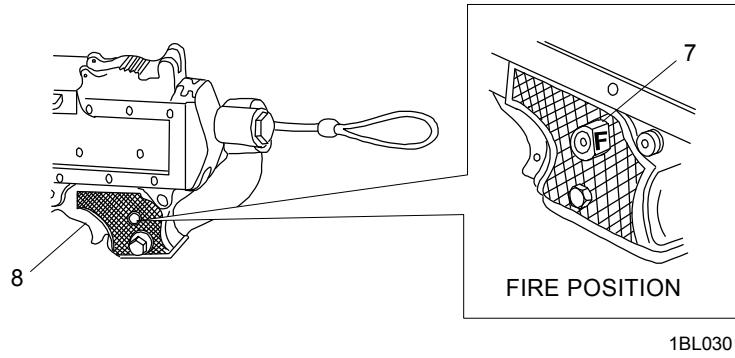
1BL0299

Release barrel locking latch (3) and turn barrel release latch (2) to upright position and remove barrel assembly (4) from receiver (13).



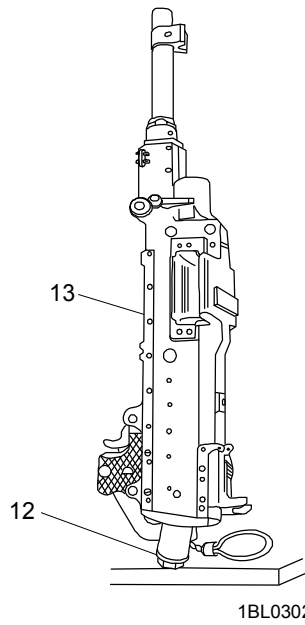
1BL0300

With safety in "F" position (7), pull trigger (8) to be sure bolt and operating rod assembly is forward in firing position.



1BL0301

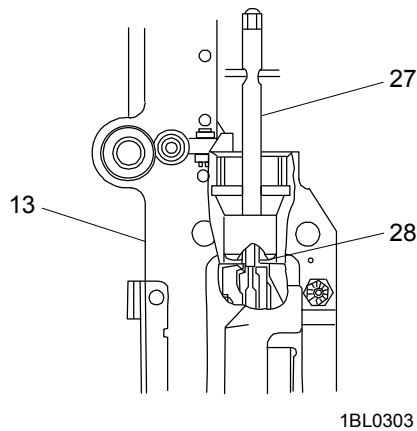
Point receiver (13) upward with buffer (12) resting on a work surface.



1BL0302

Insert firing pin protrusion gage (27) in receiver (13).

Seat the bottom end of gage (27) firmly against the bolt face (28).



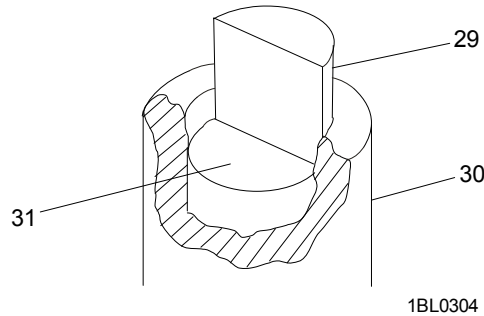
1BL0303

FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)

USING FIRING PIN PROTRUSION GAGE TO MEASURE FIRING PIN PROTRUSION (cont)**NOTE**

Illustration is a cut-away view of the gage tube.

Read gage as follows: the end of the movable rod (29) must be flush or above the edge of the stationary tube (30). The notch (31) in the movable rod (30) must be flush or below the edge of the stationary tube (29).



1BL0304

FINAL INSPECTION

Reassemble machine gun per TM 9-1005-313-10.

Check the overall machine gun and make sure black finish surfaces do not reflect light. Weapon with more than 1/3 of exterior finish worn off should be sent to depot for overhaul.

Check the tightness of all attaching screws, bolts, nuts, cotter pins, and rivets.

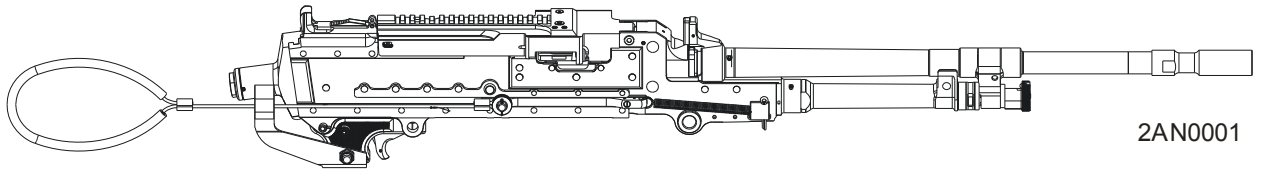
Check for adequate lubrication.

Check for missing parts.

A machine gun that has been repaired should be function fired whenever possible to be sure it operates properly. If weapon cannot be function fired, use dummy rounds and function test manually. If a machine gun fails the function firing test, it must be reinspected to determine the cause of the failure and corrective action must be taken.

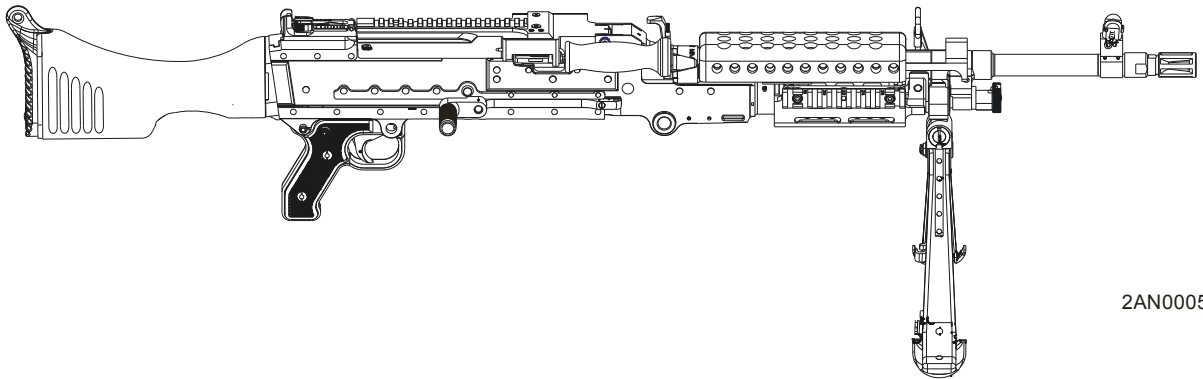
Upon completion of firing, machine gun must be cleaned and lubricated.

Make an overall inspection of the machine gun for cleanliness and general appearance.



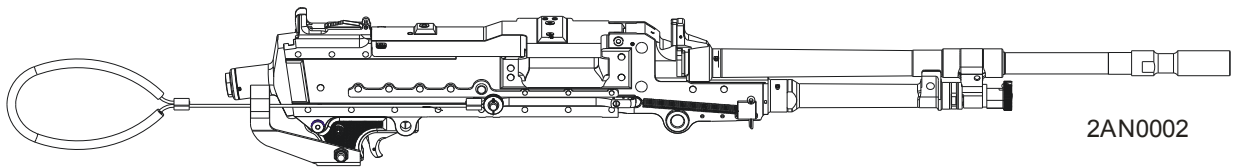
2AN0001

M240



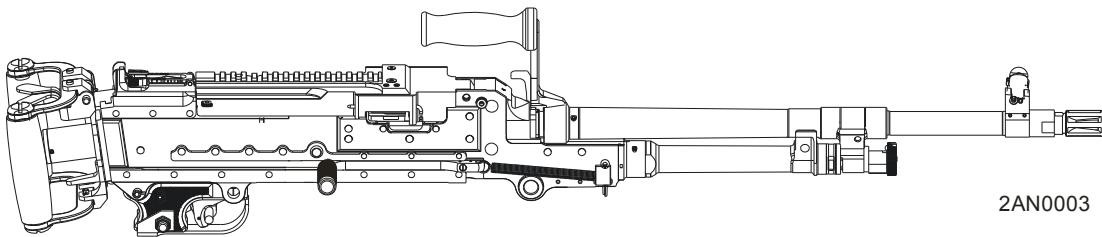
2AN0005

M240B



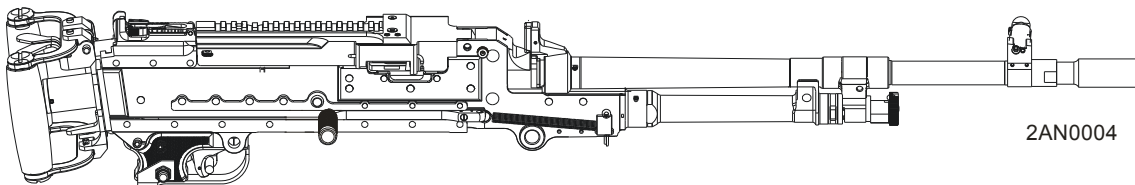
2AN0002

M240C



2AN0003

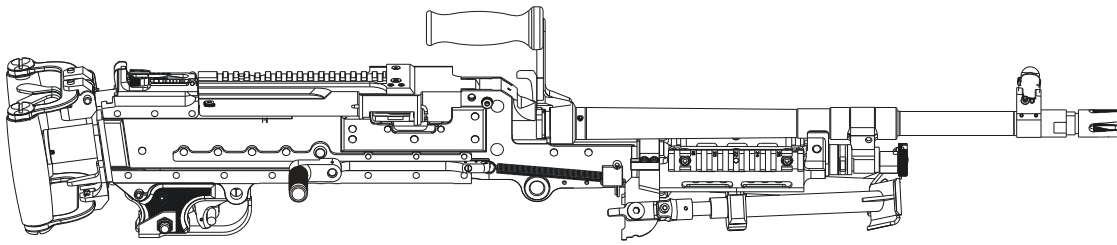
M240D



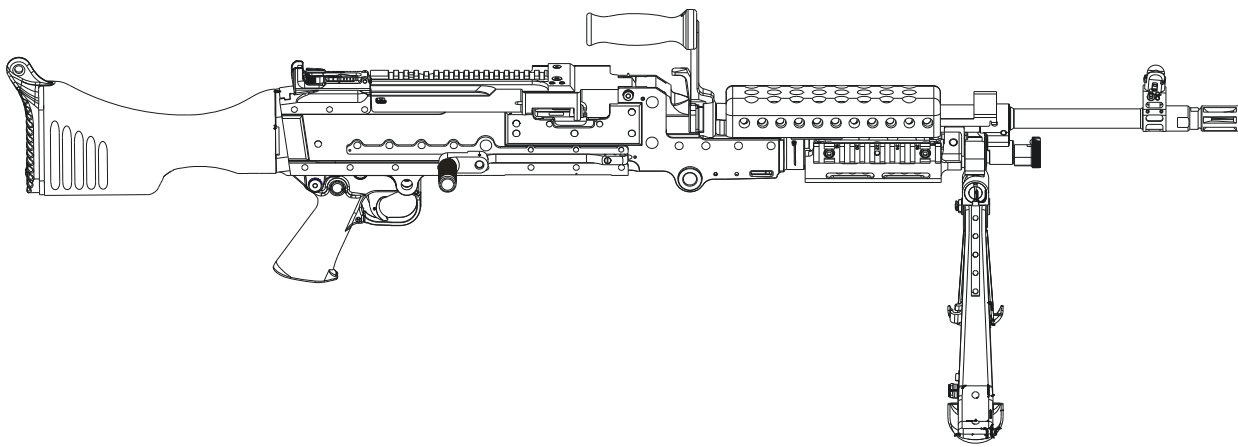
2AN0004

M240E1

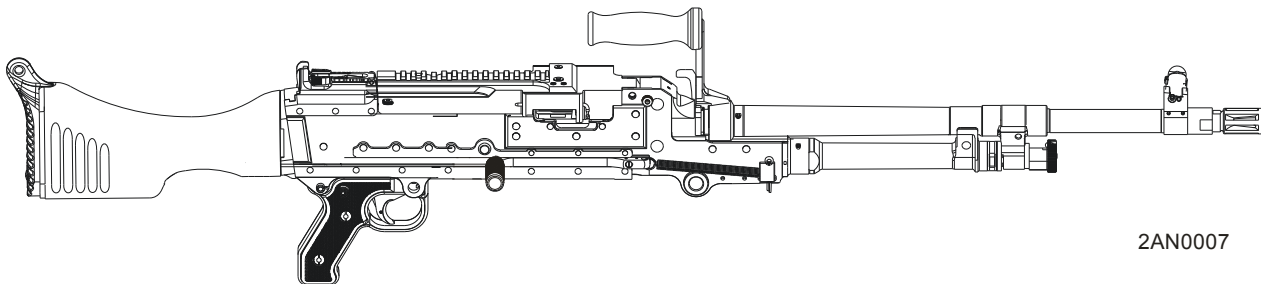
FINAL INSPECTION OF M240 SERIES MACHINE GUN (cont)



M240H



M240L



2AN0007

M240N

END OF WORK PACKAGE

ANNUAL GAGING OF M240 SERIES MACHINE GUN

INITIAL SETUP

Tools and Special Tools

Breech bore erosion gage, PN 11826298
Firing pin protrusion gage, PN 11826304
Headspace reject gage, PN 11826274
Headspace warning gage, PN 11826299
Muzzle and breech bore wear gage,
PN 11826276
Shop Set, Small Arms: Field Maintenance,
Basic Less Power, PN SC 4933-95-CL-A11;

Tools and Special Tools (cont)

SL-3-08724A (Marine Corps only);
SL-3-00607A (Marine Corps only)

References

TM 9-1005-313-10

Equipment Condition

Machine gun assembled (TM 9-1005-313-10).

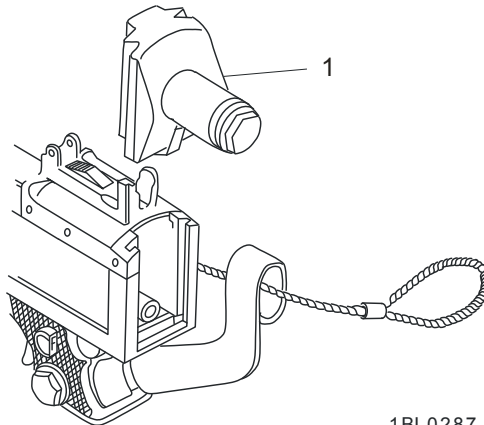
WARNING

Make certain weapon is cleared and that there are no obstructions in the barrel or chamber. Injury could occur to personnel.

NOTE

Procedures are written for the M240 machine gun but apply to all models of the machine gun except where indicated.

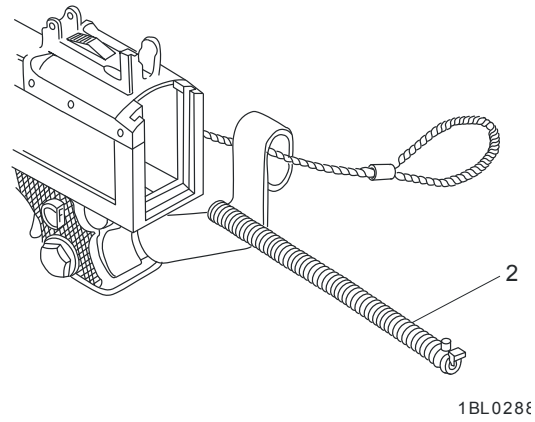
Remove buffer assembly (1).



1BL0287

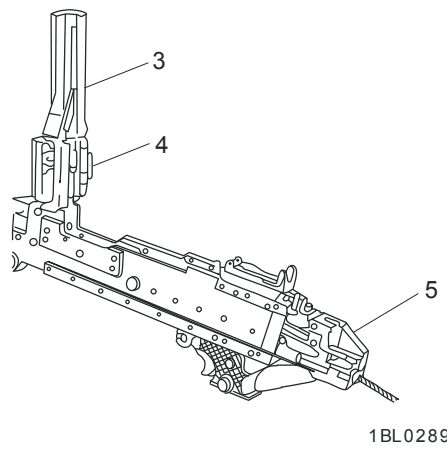
ANNUAL GAGING OF M240 SERIES MACHINE GUN (cont)

Remove driving spring rod assembly (2).

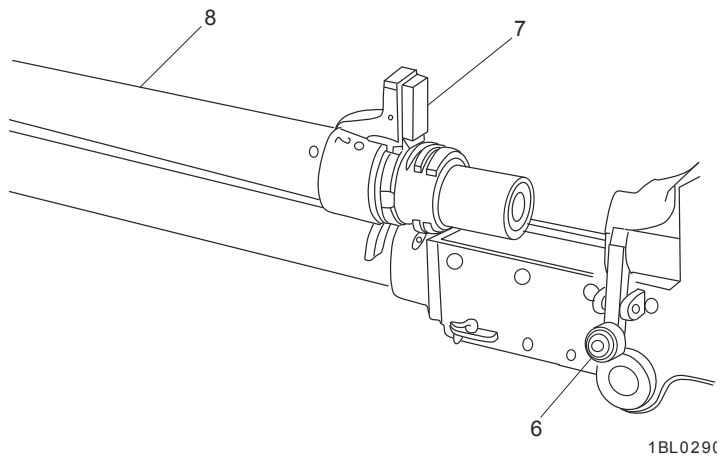


Raise cover (3) and feed tray (4).

Slide bolt and operating rod assembly (5) slightly rearward.



Release barrel locking latch (6) and turn barrel release latch (7) to upright position and move barrel assembly (8) slightly forward.

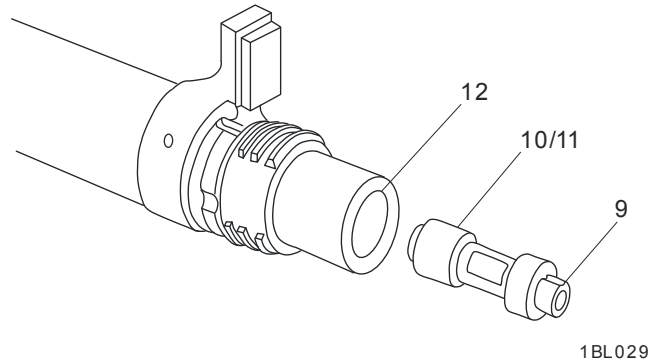


NOTE

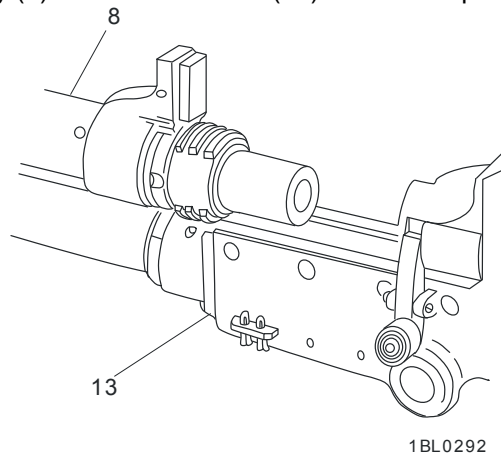
Perform head space gaging on both barrels.

The notch (9) in headspace gage (warning (10)/reject (11)) must face upward and toward the rear of chamber (12) to provide clearance for ejector.

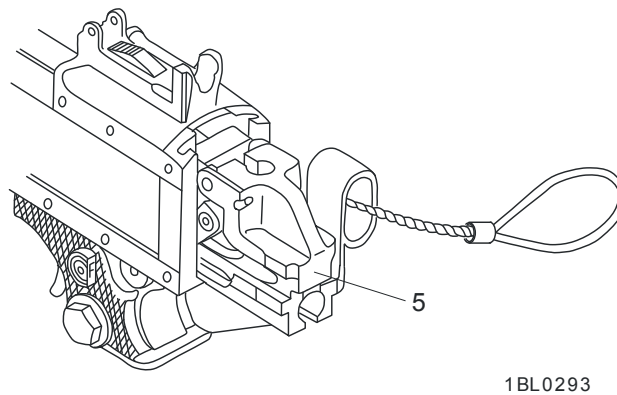
Insert headspace gage (warning (10)/reject (11)) with notch up in chamber (12).



Carefully place barrel assembly (8) back into receiver (13) and lock in position.



Slide bolt and operating rod assembly (5) forward and exert slight pressure to determine if weapon is in locked or unlocked position.

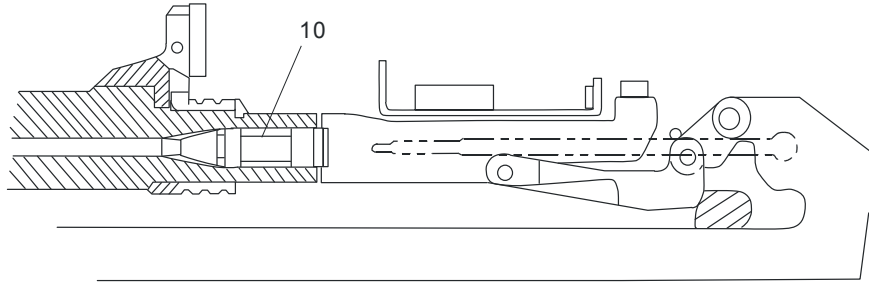


ANNUAL GAGING OF M240 SERIES MACHINE GUN (cont)

NOTE

The headspace gage (warning (10)) should not allow bolt assembly to lock in firing position.

In the event of locking with headspace warning gage inserted, the weapon may be kept in service if it is needed for immediate use, as long as the headspace reject gage DOES NOT allow locking of the weapon.



UNLOCKED POSITION

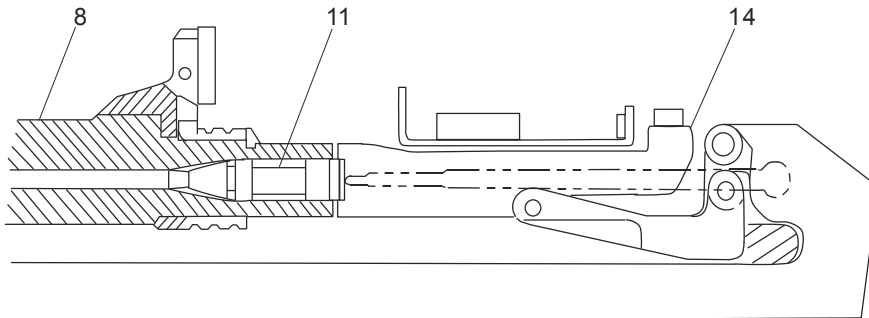
1BL0294

NOTE

The headspace gage (reject (11)) must NOT ALLOW the bolt assembly to lock in the firing position.

If it is necessary to replace parts, headspace warning and reject gaging procedures must be repeated to be sure weapon is serviceable.

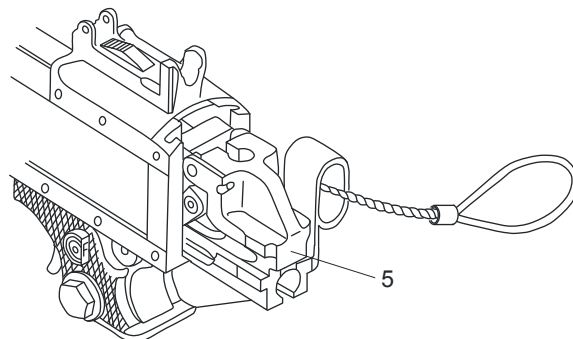
Perform testing with the headspace gage (reject (11)) as shown in four previous steps. If the weapon locks with the headspace gage (reject (11)), do not use the weapon until it is repaired. To repair, replace bolt assembly (14), barrel assembly (8), or replace both bolt assembly and barrel assembly.



LOCKED POSITION

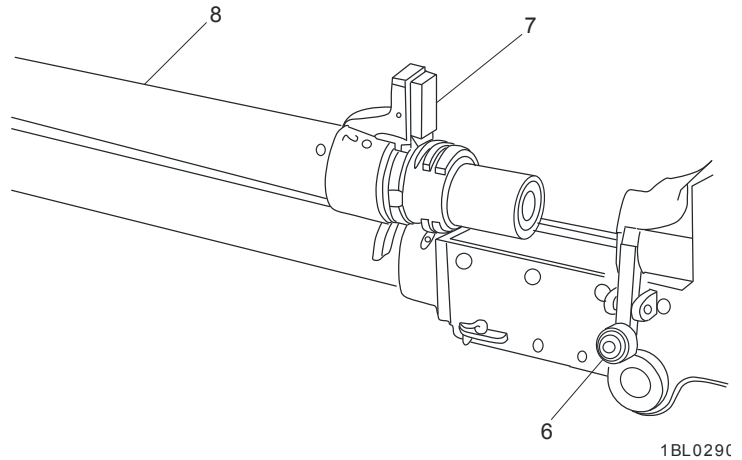
1BL0295

Slide bolt and operating rod assembly (5) slightly rearward.

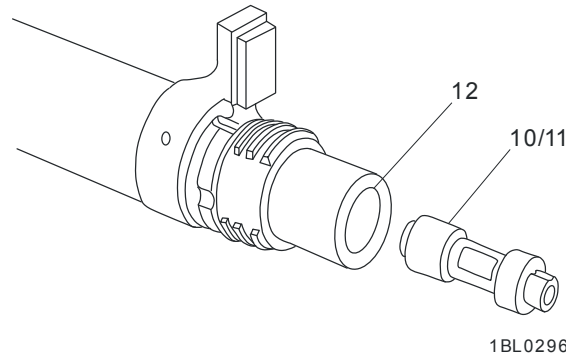


1BL0293

Release barrel locking latch (6) and turn barrel release latch (7) to upright position and move barrel assembly (8) slightly forward.



Remove headspace gage (10/11) from chamber (12).

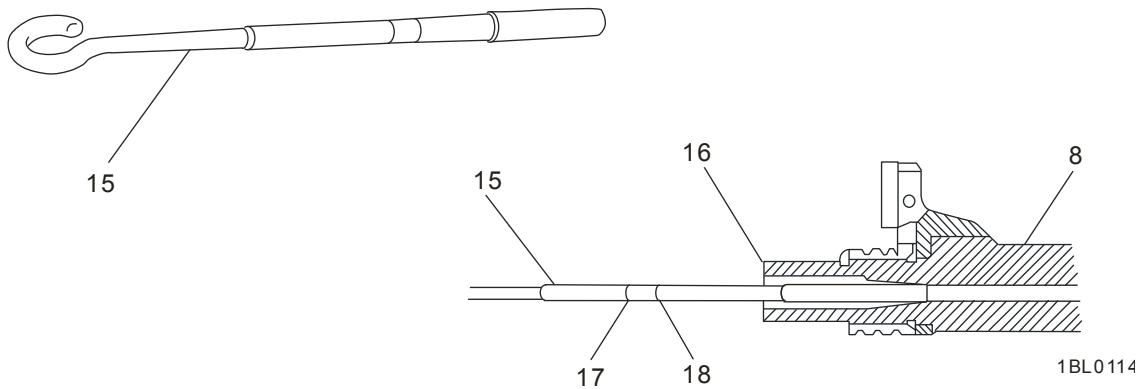


NOTE

A clean bore is not necessarily a shiny bore and frequently it may have a dull gray appearance. A shiny, polished bore may indicate abrasives have been used. Abrasives shall NOT be used on the bore, piston or inside of the gas cylinder.

Gently but firmly insert breech bore erosion gage (15) into breech end (16) of barrel (8) as far as it will go.

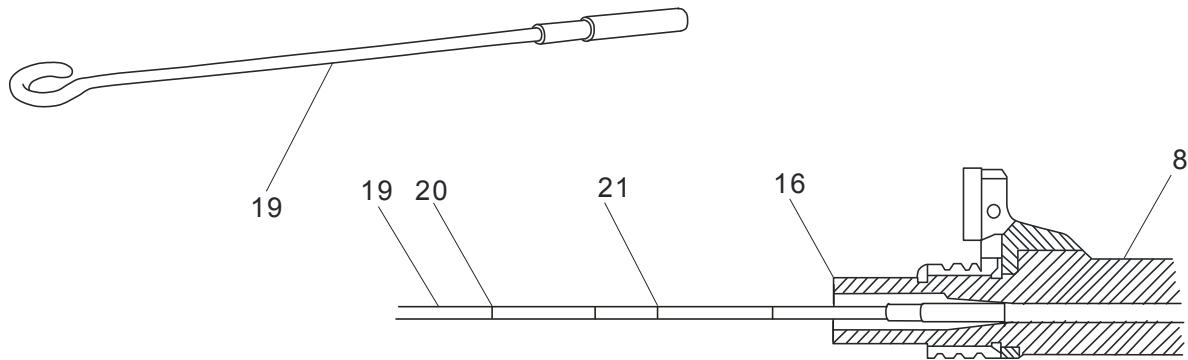
Read gage (15) at the end of barrel breech (16). Replace barrel (8) if the reject mark (17) on the gage enters the breech. The barrel is not suitable for overseas shipment if the reading exceeds the preembarkation warning mark (18).



ANNUAL GAGING OF M240 SERIES MACHINE GUN (cont)

Use muzzle and breech bore wear gage (19) to test the barrel (8). Gently but firmly insert gage (19) into breech end (16) of barrel (8) as far as it will go.

Read muzzle and breech bore wear gage (19) at the end of barrel breech (16). Replace barrel (8) if the rejection mark (20) on gage (19) enters the breech. The barrel is not suitable for overseas shipment if the reading exceeds the preembarkation warning mark (21).

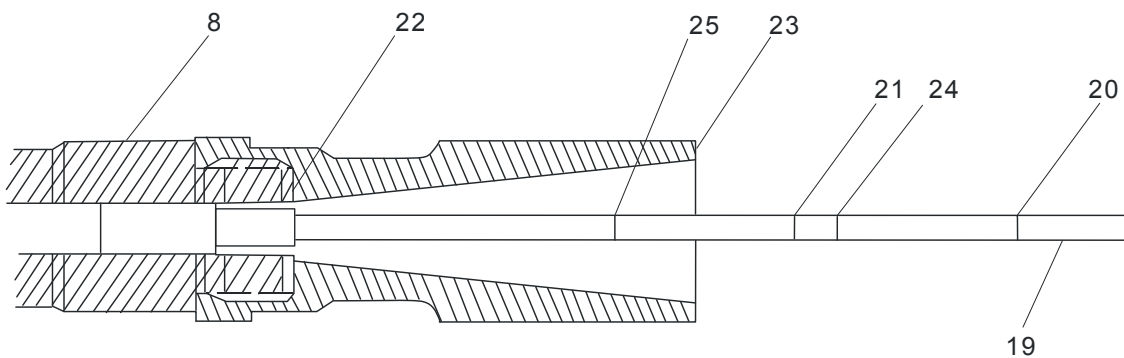


1BL0115

Gently but firmly insert muzzle and breech bore wear gage (19) into the muzzle end (22) of barrel (8) as far as it will go.

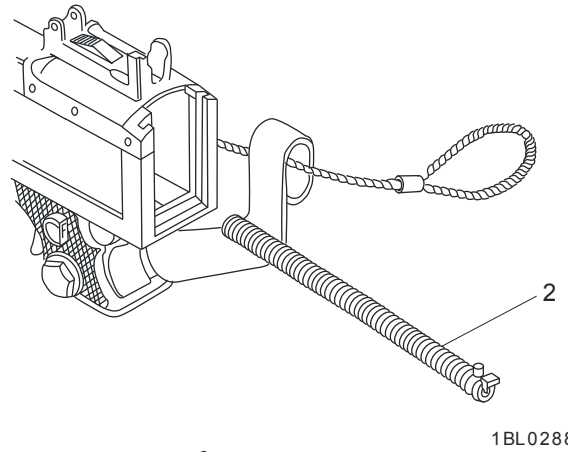
Read muzzle and breech bore wear gage (19) at the end of flash hider/suppressor (23). Replace barrel (8) if:

- (M240/M240C/M240E1): Rejection mark (20) on gage (19) enters flash hider/suppressor (23). The barrel is not suitable for overseas shipment if the reading exceeds preembarkation warning mark (21).
- (M240B/M240D/M240H/M240L/M240N): Rejection mark (24) on gage (19) enters flash hider/suppressor (23). The barrel is not suitable for overseas shipment if the reading exceeds preembarkation warning mark (25).

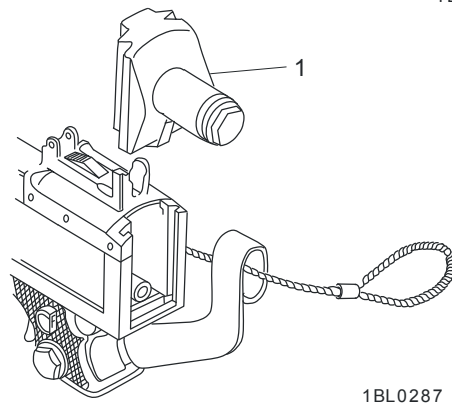


1BL0116

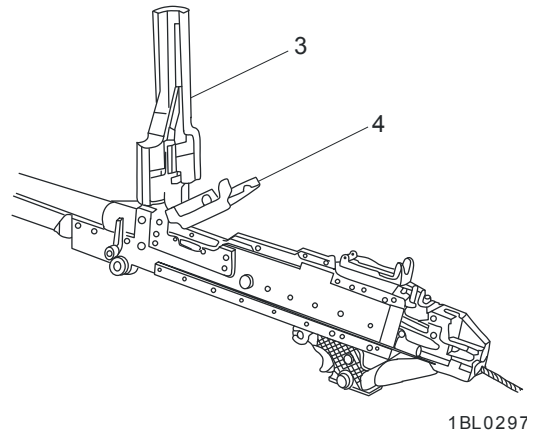
Install driving spring rod assembly (2).



Install buffer assembly (1).

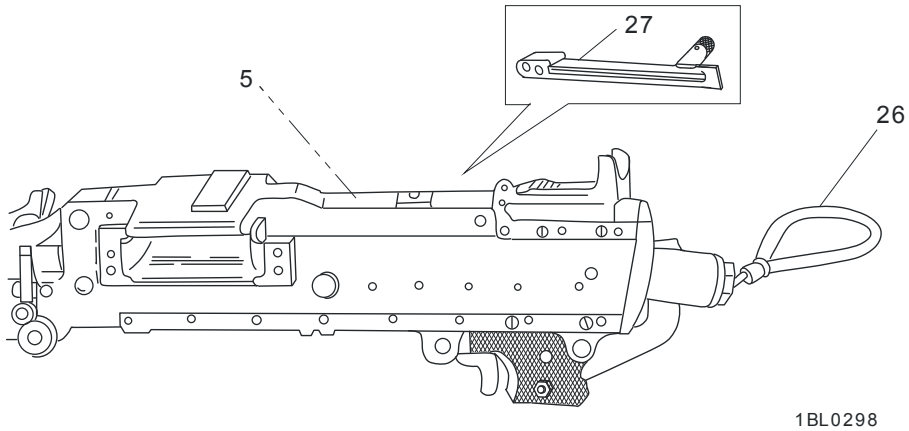


Lower feed tray (4) and close and lock cover (3).



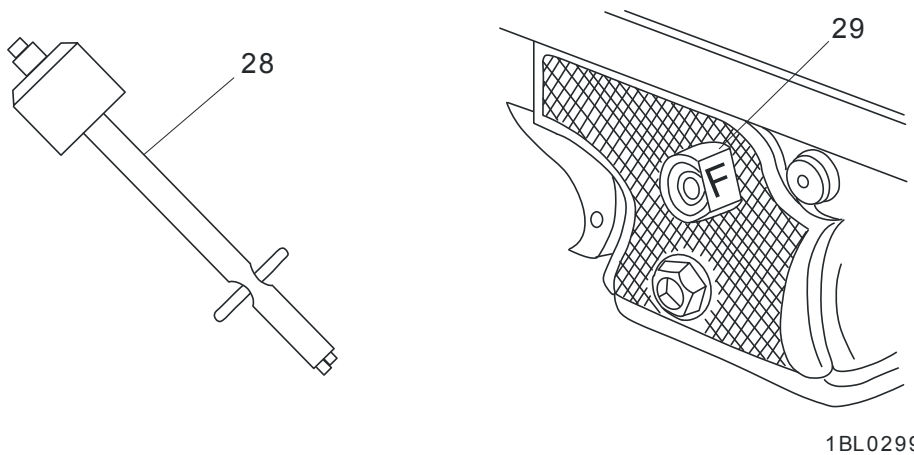
ANNUAL GAGING OF M240 SERIES MACHINE GUN (cont)

Charge weapon to the rear and release charger cable (M240/M240C) (26) or manual control handle (M240B/M240D/M240E1/M240H/M240L/M240N) (27) to function check the sear action. Bolt and operating rod assembly (5) should remain rearward.

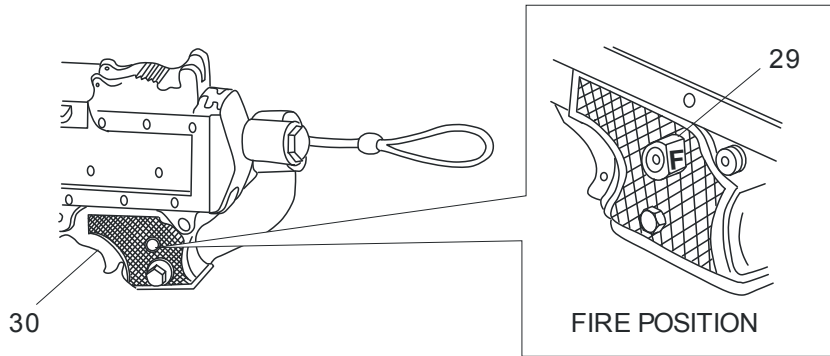


USING FIRING PIN PROTRUSION GAGE TO MEASURE FIRING PIN PROTRUSION (FOR ARMY USE ONLY)

The first step in using the firing pin protrusion gage (28) is to function check the machine gun. The bolt and operating rod must go forward freely to firing position when trigger is pulled. (Safety (29) must be in "F" position.)

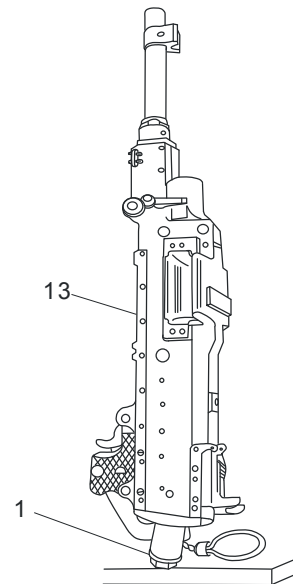


With safety in "F" position (29), pull trigger (30) to be sure bolt and operating rod assembly is forward in firing position.



1BL0301

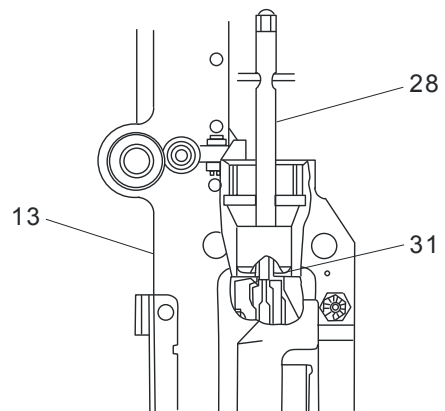
Point receiver (13) upward with buffer (1) resting on a work surface.



1BL0302

Insert firing pin protrusion gage (28) in receiver (13).

Seat the bottom end of gage (28) firmly against the bolt face (31).



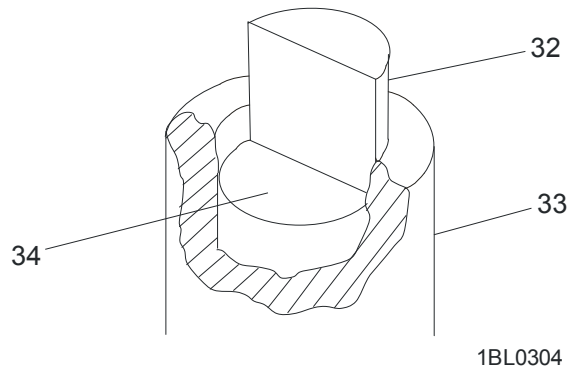
1BL0303

ANNUAL GAGING OF M240 SERIES MACHINE GUN (cont)

USING FIRING PIN PROTRUSION GAGE TO MEASURE FIRING PIN PROTRUSION (cont)**NOTE**

Illustration is a cut-away view of the gage tube.

Read gage as follows: the end of the movable rod (32) must be flush or above the edge of the stationary tube (33). The notch (34) in the movable rod (32) must be flush or below the edge of the stationary tube (33).



Reassemble machine gun per TM 9-1005-313-10.

END OF WORK PACKAGE

PREEMBARKATION INSPECTION OF MATERIEL IN UNITS ALERTED FOR OVERSEAS MOVEMENT

This inspection is conducted on materiel in units alerted for overseas duty to be sure that such materiel will not become unserviceable in a relatively short time. It prescribes a higher percentage of remaining usable life in serviceable materiel to meet a specific need beyond minimum serviceability.

PREINSPECTION POINTS

WARNING



Before starting an inspection, make certain weapon is cleared and that there are no obstructions in the barrel or chamber. Do not actuate the trigger until the weapon has been cleared. Injury could occur to personnel.

- Before inspection, the materiel must be thoroughly cleaned of all grease, dirt, or other foreign matter that might interfere with its function or the use of gages and tools during inspection.
- Materiel must be free of burrs, rust or corrosion on functional surfaces.
- Parts must not be cracked, bent, distorted, or damaged and must be free of excessive wear or looseness.
- Minor defects in metal components do not normally affect their acceptability. For example, scratches and tool marks are ordinarily of no importance.
- Inspect finish of metal surfaces. Satisfactory metal surfaces for weapons range from black to light gray. A shiny metal surface is objectionable only when it is capable of reflecting light. No weapon will be rejected unless exterior parts have a shine.

INSPECTION POINTS

- Check receiver for loose (finger tight) or missing rivets. If rivets are missing or loose on entire receiver ; or any of forward bolt rail rivets on either side are loose, replace weapon.
- Springs must be free of distortion and broken coils. Springs must have sufficient tension to perform their intended function.
- Barrel s:

Barrels must be clean and free of rust and corrosion, which is caused by moisture and powder fouling.

Barrels must not be bulged.

NOTE

If the corrosion of the chrome plate appears difficult to determine, test fire 50 rounds in short burst at a target 50 meters away. The imprint of each shot must be a clearly defined circle. Reject the barrel if any of the shots imprints are oblong instead of circular. Be sure the target is reasonably perpendicular to the line of fire.

Barrels may have a small amount of flaking or small cracks in the chrome plating in the chamber and bore.

Flash hider/suppressor must not be dented or loose.

Pits in the chamber are allowable if they do not cause extraction problems.

**PREEMBARKATION INSPECTION OF MATERIEL
IN UNITS ALERTED FOR OVERSEAS MOVEMENT (cont)**

INSPECTION POINTS (cont)

- Barrels (cont):

Scattered or uniformly fine pits or fine pits in a densely pitted area are allowable.

Tool marks are acceptable, regardless of length. They may appear as lines running longitudinally in the grooves or may run spirally across the tops of lands.

Lands that appear dark, due to coating of gilded metal from projectiles will not be cause for rejection.

- The sear and cocking notches must be in good condition. Chipped engaging corners will be cause for rejection. Slight wear on functional surfaces, including engaging corners, shall be acceptable, providing the minimum trigger pull requirements are met.
- Chips, flat spots, or bent strike points on firing pins will be cause for rejection.
- The cartridge engaging surface on extractors must not be chipped or deformed.
- Safety must positively position in both the “S” and “F” position. When in the “S” or safe position, the weapon must not fire when the trigger is pulled; when in the “F” or fire position, the weapon must fire when the trigger is pulled.
- Each weapon must be hand functioned to check for unusual binding, positive cocking action and general operation. Dummy ammunition may be used to be sure of positive chambering, extraction and ejection action.
- All markings must be legible.

SPECIFIC STANDARDS

Refer to Table 1, Standards for preembarkation inspection.

**Table 1. STANDARDS FOR PREEMBARKATION INSPECTION OF
7.62MM MACHINE GUN, M240/M240B/M240C/M240D/M240E1/M240H/
M240L/M240N, IN UNITS ALERTED FOR OVERSEAS MOVEMENT**

Item Standard	Standard
Barrel	Must pass barrel erosion check (warning mark on gage (WP 0008 00). Must pass headspace check using headspace warning gage (WP 0027 00).
Trigger Pull	Minimum – 3.6 kg (8 lb). Maximum – 7.045 kg (15 1/2 lb). Use trigger pull measuring fixture (WP 0027 00). (8.5 kg (18.75 lb) – M240B/M240L/M240N with hydraulic buffer.)
Firing Pin Protrusion	Must pass firing pin protrusion test (WP 0027 00).
Barrel Release (with barrel mounted on receiver)	Barrel locking latch must lock barrel securely. Barrel locking latch must lock correctly, which is from 2 to 7 clicks.
Buffer Assembly	Buffer assembly must pass PMCS procedures (WP 0005 00).
Cartridge Feed System	All rollers and links must operate smoothly and freely. No binding is permitted.
Charger Cable/ Manual Control Handle	Must operate smoothly and freely. No binding is permitted.

ILLUSTRATED LIST OF MANUFACTURED ITEMS

INTRODUCTION**Scope**

This work package includes complete instructions for making items authorized to be manufactured or fabricated at field level.

How to Use the Index of Manufactures Items

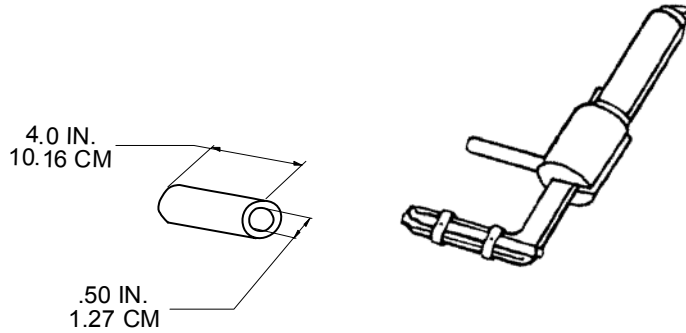
A part number index in alphanumeric order is provided for cross-referencing the part number of the item to be manufactured to the page which covers the fabrication criteria.

Explanation of the Illustrations of Manufactured Items.

All instructions needed by maintenance personnel to manufacture the item are included on the illustration. All bulk materials needed for manufacture of an item are listed by part number or specification number in a tabular list on the illustration.

Part Number Index: No part numbers are associated with the manufactured item.

ILLUSTRATED LIST OF MANUFACTURED ITEMS (cont)



ITEM: MATERIAL BLOCK

MATERIAL: FABRICATE FROM HEATER HOSE OR EQUIVALENT.

DIMENSIONS: INTERNAL DIAMETER – 0.50 IN. (1.27CM)
EXTERNAL LENGTH – 4.0 IN. (10.16 CM)

END OF WORK PACKAGE

CHAPTER 5
PARTS INFORMATION

FIELD MAINTENANCE

M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun

INTRODUCTION

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 field maintenance of the M240 series Machine Gun. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) Codes.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. **Repair Parts List Work Packages.** Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include parts which may 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. Sending units, brackets, filters and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work packages. Repair kits are listed separately in their own functional group and work package. Repair parts for reparable special tools are listed in their own functional group and work package. Repair parts for reparable special tools are also listed in separate work package. Items listed are shown on the associated illustrations.
2. **Special Tools List Work Packages.** Work packages containing list of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components of common tool sets and/or Class VII are not listed.
3. **Cross-Reference Indexes Work Packages.** There are two cross-reference indexes work packages in this RPSTL: the National Stock Number (NSN) Index work package and the Part Number Index work package. The National Stock Number Index work package refers you the figure and item number. The Part Number Index work package refers you the figure and item number.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

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

SMR CODE (Column (2)). The SMR code containing supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout:

Table 1. SMR Code Explanation.

Source Code	Maintenance Code		Recoverability Code
<u>XX</u> <u>XX</u>	—		<u>X</u>
1st two positions: How to get an item.	3rd position: Who can install, replace, or use the item.	4th position: Who can do complete repair* on the item.	5th position: Who determines disposition action on unserviceable items.

*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.

FIELD MAINTENANCE

M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES (cont)

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

<u>Source Code</u>	<u>Application/Explanation</u>
<p>PA PB PC PD PE PF PG PH PR PZ</p>	<p style="text-align: center;">NOTE</p> <p>Items coded PC are subject to deterioration.</p> <p>Stock items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the third position of the SMR code.</p>
<p>KD KF KB</p>	<p>Items with these codes are not to be requested/requisitioned individually. They are part of a kit, which is authorized to the maintenance level indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.</p>
<p>MO – Made at service/AMC level MF – Made at field/ASB level MH – Made at below depot/sustainment level ML – Made at SRA/TASMG MD – Made at depot MG – Navy Only</p>	<p>Items with these codes are not to be requisitioned/requested individually. They must be made from bulk material, which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group work package of the RPSTL. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.</p>
<p>AO - Assembled by service/AMC level AF – Assembled by field/ ASB level AH – Assembled by below depot sustainment level AL – Assembled by SRA/TASMG AD – Assembled by depot AG – Navy Only</p>	<p>Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the third position of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.</p>

- XA** - Do not requisition an “XA” coded item. Order the next higher assembly. (Refer to NOTE below.)
- XB** - If an item is not available from salvage, order it using the CAGEC and part number.
- XC** - Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer’s part number.
- XD** - Item is not stocked. Order an XD-coded item through local purchase or normal supply channels using the CAGEC and part number given, if no NSN is available.

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 items source coded “XA” or those aircraft support items restricted by requirements of AR 750-1.

Maintenance Code. Maintenance codes tell you the level(s) 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:

Third Position. The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following levels of maintenance:

Maintenance

<u>Code</u>	<u>Application/Explanation</u>
O* -	Field (Service) level/AMC maintenance can remove, replace, and use the item.
F -	Field/ASB maintenance can remove, replace, and use the item.
H -	Below Depot Sustainment maintenance can remove, replace, and use the item.
L -	Specialized repair activity/TASMG can remove, replace, and use the item.
G -	Afloat and ashore intermediate maintenance can remove, replace, and use the item (Navy only).
K -	Contractor facility can remove, replace, and use the item.
Z -	Item is not authorized to be removed, replaced, or used at any maintenance level.
D -	Depot can remove, replace, and use the item.

*NOTE – Army may use C in the third position. However, for joint service publications, Army will use O.

Forth Position. The maintenance code entered in the forth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

NOTE

Some limited repair may be done on the item at the lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

FIELD MAINTENANCE

M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES (cont)

<u>Maintenance Code</u>	<u>Application/Explanation</u>
O-	Field (Service)/AMC is the lowest level that can do complete repair of the item.
F-	Field/ASB is the lowest level that can do complete repair of the item.
H-	Below DepotSustainment is the lowest level that can do complete repair of the item.
L-	Specialized repair activity/TASMG is the lowest level that can do complete repair of the item.
D-	Depot is the lowest level that can do complete repair of the item.
G-	Both afloat and ashore intermediate levels are capable of complete repair of item. (Navy only)
K-	Complete repair is done at contractor facility.
Z-	Non-reparable. No repair is authorized.
B-	No repair is authorized. No parts or special tools are authorized for maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

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

<u>Recoverability Code</u>	<u>Application/Explanation</u>
Z-	Non-reparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
O-	Reparable item. When uneconomically repairable, condemn and dispose of the item at the service/AMC level.
F-	Reparable item. When uneconomically repairable, condemn and dispose of the item at the field level/ASB.
H-	Reparable item. When uneconomically repairable, condemn and dispose of the item at the below depot sustainment level.
D-	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item are not authorized below depot level.
L-	Reparable item. Condemnation and disposal of item are not authorized below Specialized Repair Activity (SRA) or theater aviation sustainment maintenance group (TASMG).
A-	Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.
G-	Field level repairable item. Condemn and dispose at either afloat or ashore intermediate levels. (Navy only)
K-	Reparable item. Condemnation and disposal to be performed at contractor facility.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a five-digit code, which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item.

PART NUMBER (Column (5)). 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 number listed.

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

1. The federal item name, and when required, a minimum description to identify the item.
2. Part numbers of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.
3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during a nuclear attack.
4. The statement "END OF FIGURE" appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). 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 instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

USMC QTY per Equip (Column (8)). This column accommodates the Marine Corps quantity per equipment requirement.

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS

1. National Stock Number (NSN) Index Work Package. NSN's in this index are listed in National Item Identification Number (NIIN) sequence.

STOCK NUMBER Column. This column lists the NSN in NIIN sequence. The NIIN consists of the last nine digits of the NSN.

<u>NSN</u> (e.g., 5385-01-574-1476) <u>NIIN</u>	When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.
---	--

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

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.

2. Part Number (P/N) Index Work Package. Part numbers in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations, which places the first letter or digit of each group in order A through Z, followed by numbers 0 through 9 and each following letter or digit in like order.

FIELD MAINTENANCE

M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS (cont)

PART NUMBER Column. Indicates the part number assigned to the item/

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

SPECIAL INFORMATION

UOC. The UOC 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 under the applicable item/nomenclature. Uncoded items are applicable to all models. Identification of the UOCs used in the RPSTL are:

<u>Code Used</u>	<u>On</u>
G69 M240	
BB2 M240B	
L04 M240	C
BC2 M240	D
AG8 M240E1	
BN4 M240	H
BT5 M240L	
BJ8 M240	N

Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of the RPSTL. Part numbers for bulk material are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated.

HOW TO LOCATE REPAIR PARTS

1. When NSNs or P/Ns Are Not Known.

First. Using the table of contents, determine the assembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and sub-assembly groups, and lists are divided into the same groups.

Second. Find the figure covering the functional group or the subfunctional group to which the item belongs.

Third. Identify the item on the figure and note the number(s).

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and part numbers are on the same line as the associated item numbers.

2. When NSN Is Known.

First. If you have the NSN, look in the STOCK NUMBER column of the NSN index work package. The NSN is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

3. When Part Number Is Known.

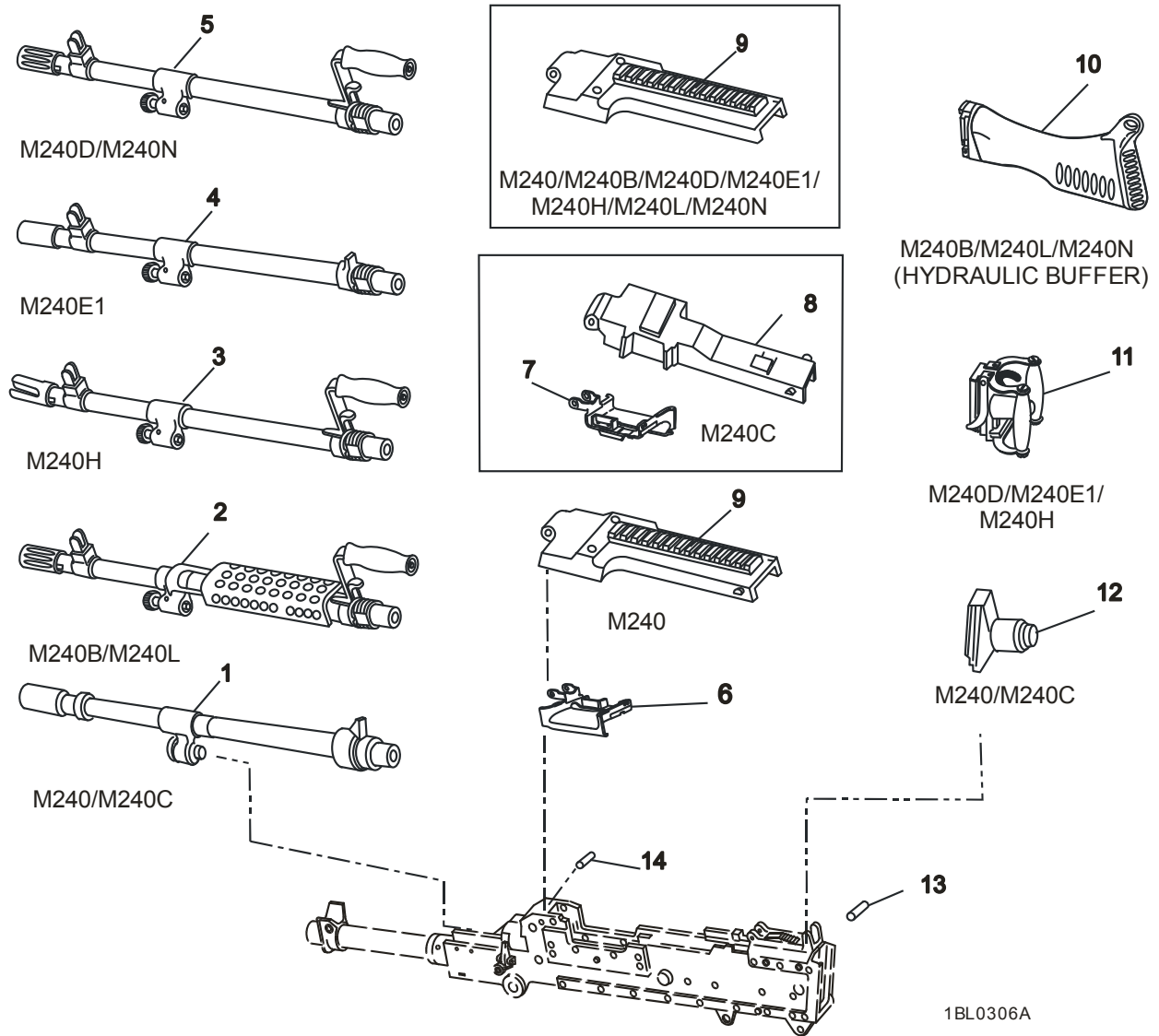
First. If you have the part number and not the NSN, look in the PART NUMBER column of the part number index work package. Identify the figure and item number.

Second. Look up the item on the figure in the applicable repair parts list work package.

ABBREVIATIONS. N/A

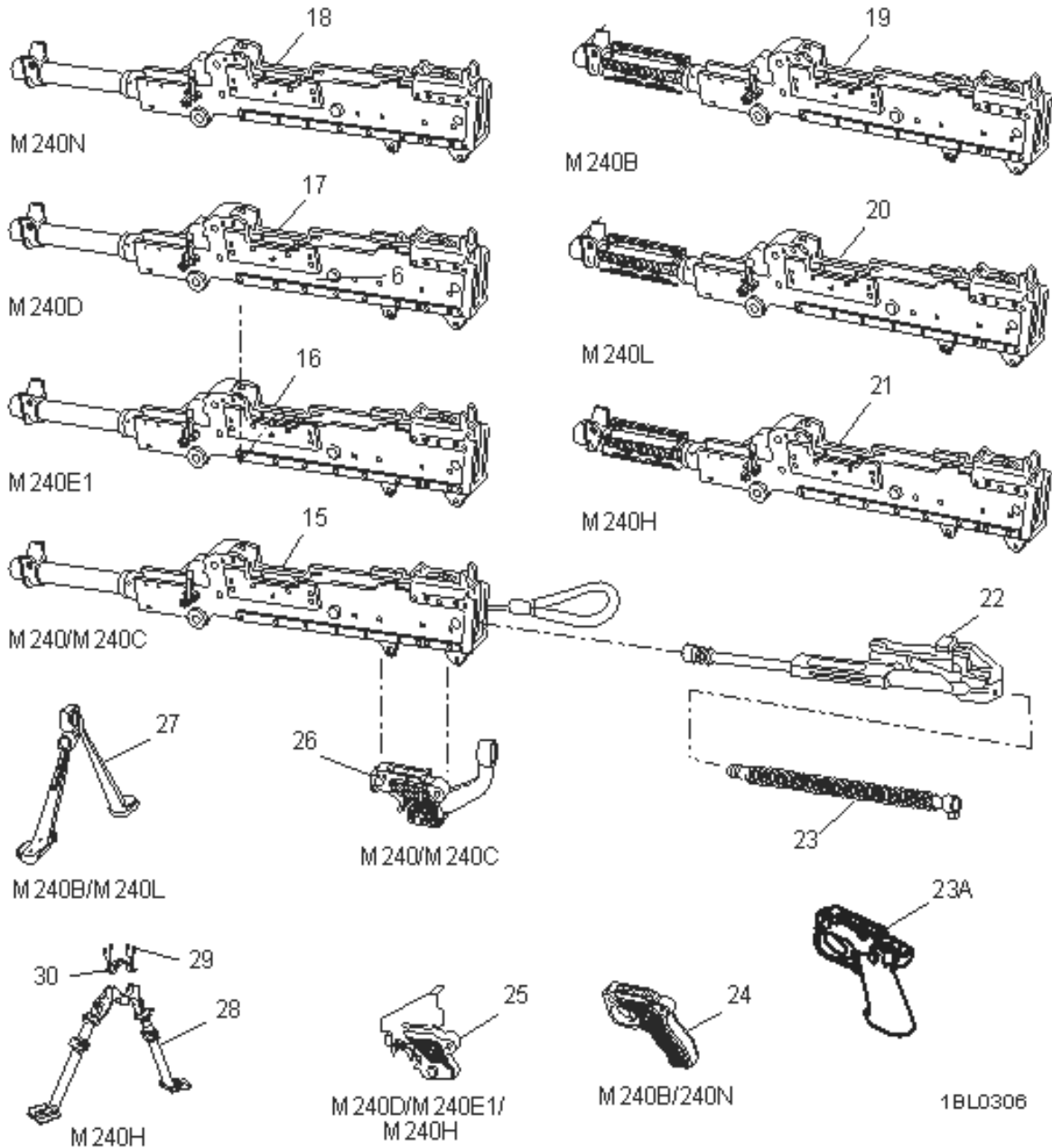
END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
MACHINE GUN, 7.62MM, M240, NSN 1005-01-025-8095, PN 11826290;
M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175;
M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033;
M240H, NSN 1005-01-518-2410, PN 13008366; M240L, NSN 1005-01-549-5837, PN 13016466;
M240N, NSN 1005-01-493-1666, PN 12999178**



**Figure 1. Machine Gun, 7.62MM, M240, PN 11826290; M240B, PN 12976814;
M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033;
M240H, PN 13008366; M240L, PN 13016466; M240N, PN 12999178 (Sheet 1 of 2)**

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 MACHINE GUN, 7.62MM, M240, NSN 1005-01-025-8095, PN 11826290;
 M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175;
 M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033;
 M240H, NSN 1005-01-518-2410, PN 13008366; M240L, NSN 1005-01-549-5837, PN 13016466;
 M240N, NSN 1005-01-493-1666, PN 12999178 (cont)**



**Figure 1. Machine Gun, 7.62MM, M240, PN 11826290; M240B, PN 12976814;
 M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033;
 M240H, PN 13008366; M240L, PN 13016466; M240N, PN 12999178 (Sheet 2 of 2)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 00						
FIGURE 1. MACHINE GUN, 7.62MM, M240, PN 11826290; M240B, PN 12976814; M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033; M240H, PN 13008366; M240L, PN 13016466; M240N, PN 12999178						
1 PAFFF		1005-01-044-1026	19200	11825985	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: G69, L04	1
2 AFFFF			19200	13008850	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: BB2	1
2 AFFFF			19200	13016469	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: BT5.....	1
3 PAFFF		1005-01-522-4817	19200	13008220	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: BN4	1
4 PAFFF		1005-01-251-9701	19200	12597035	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: AG8.....	1
5 PAFFF		1005-01-408-5897	19200	12976818	BARREL ASSEMBLY SEE FIG. 2 FOR BRKDWN UOC: BC2, BJ8	1
6 PAFZZ		1005-01-032-8143	19200	11826006	TRAY, FEED UOC: AG8, BB2, BC2, BJ8, BN4, BT5, G69.....	1
7 PAFZZ		1005-01-091-0683	19200	11826020	TRAY, FEED, RH, M240C UOC: L04	1
8 AFFFF	AOOOO*	192	00	11826038	COVER ASSEMBLY SEE FIG. 12 FOR BRKDWN UOC: L04	1
9 AFFFF			19200	12977101	COVER ASSEMBLY SEE FIG. 12 FOR BRKDWN UOC: AG8, BB2, BC2, BJ8, BN4, BT5, G69	1
10 PAFFF		1005-01-461-2658	19200	12988986	BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY SEE FIG. 6 FOR BRKDWN UOC: BB2, BJ8, BT5.....	1
11 PAFFF		1005-01-251-9692	19200	12597057	GRIP ASSEMBLY, BUFFER ND SPADE SEE FIG. 5 FOR BRKDWN UOC: AG8, BC2, BN4	1
12 PAFFF		1005-01-257-9253	19200	11826211	BUFFER ASSEMBLY SEE FIG. 5 FOR BRKDWN UOC: G69, L04	1
13 PAFZZ		5315-01-033-3888	19200	11826160	PIN, SPRING	1
14 PAFZZ		5315-01-035-0827	19200	11826277	PIN, SPRING	1
15 XAFDA			19200	11826192	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDWN UOC: G69, L04	1

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 MACHINE GUN, 7.62MM, M240, NSN 1005-01-025-8095, PN 11826290;
 M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175;
 M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033;
 M240H, NSN 1005-01-518-2410, PN 13008366; M240L, NSN 1005-01-549-5837, PN 13016466;
 M240N, NSN 1005-01-493-1666, PN 12999178 (cont)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 00 (cont)	
					FIGURE 1. MACHINE GUN, 7.62MM, M240, PN 11826290; M240B, PN 12976814; M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033; M240H, PN 13008366; M240L, PN 13016466; M240N, PN 12999178 (cont)	
16 XAF	DA		19200	12597044	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDWN UOC: AG8.....	1
17 XAF	DA		19200	12977104	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDWN UOC: BC2.....	1
18 XAF	DA		19200	12999179	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDWN UOC: BJ8.....	1
19 XAF	DA		19200	12976834	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDWN UOC: BB2.....	1
20 XAF	DA		19200	13016494	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDWN UOC: BT5.....	1
21 XAF	DA		19200	13008744	RECEIVER ASSEMBLY SEE FIG. 14 FOR BRKDWN UOC: BN4.....	1
22 AFFFF			19200	11826070	BOLT AND OPERATING ROD ASSEMBLY SEE FIG. 7 FOR BRKDWN UOC: AG8, G69, L04.....	1
22 AFFFF			19200	12976866	BOLT AND OPERATING ROD ASSEMBLY SEE FIG. 7 FOR BRKDWN UOC: BB2, BC2, BJ8, BN4, BT5.....	1
23 PAFZZ		1005-01-035-0829	19200	11826024	ROD ASSEMBLY, DRIVING SPRING.....	1
23A PAFFF		1005-01-549-8498	19200	13016484	TRIGGER HOUSING ASSEMBLY SEE FIG 10.1 FOR BRKDWN UOC: BT5.....	1
24 PAFFF PAOOO*		1005-01-408-6669	19200	12976869	TRIGGER HOUSING ASSEMBLY SEE FIG. 10 FOR BRKDWN UOC: BB2, BJ8.....	1
25 PAFFF PAOOO*		1005-01-525-5050	19200	13008368	TRIGGER HOUSING ASSEMBLY SEE FIG. 10 FOR BRKDWN UOC: BC2, BN4.....	1
25 PAFFF		1005-01-394-1928	19200	12597070	TRIGGER HOUSING ASSEMBLY UOC: AG8.....	1
26 PAFFF PAOOO*		1005-01-440-8010	19200	11826230	TRIGGER HOUSING ASSEMBLY SEE FIG. 10 FOR BRKDWN UOC: G69, L04.....	1

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
MACHINE GUN, 7.62MM, M240, NSN 1005-01-025-8095, PN 11826290;
M240B, NSN 1005-01-412-3129, PN 12976814; M240C, NSN 1005-01-085-4758, PN 11826175;
M240D, NSN 1005-01-418-6995, PN 12977099; M240E1, NSN 1005-01-252-4288, PN 12597033;
M240H, NSN 1005-01-518-2410, PN 13008366; M240L, NSN 1005-01-549-5837, PN 13016466;
M240N, NSN 1005-01-493-1666, PN 12999178 (cont)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 00 (cont)						
FIGURE 1. MACHINE GUN, 7.62MM, M240, PN 11826290; M240B, PN 12976814; M240C, PN 11826175; M240D, PN 12977099; M240E1, PN 12597033; M240H, PN 13008366; M240L, PN 13016466; M240N, PN 12999178 (cont)						
27	PAFFF	1005-01-408-5905	19200	12976883	BIPOD ASSEMBLY SEE FIG. 18 FOR BRKDWN UOC: BB2, BT5	1
28	PAFFF	1005-01-565-6692	19200	13013483	BIPOD ASSEMBLY SEE FIG. 19 FOR BRKDWN UOC: BN4.....	1
29	PAFZZ	5305-01-522-8055	80205	NAS1352- 3LB8B	SCREW, CAP SOCKET UOC: BN4.....	4
30	PAFZZ	1005-01-563-6717	19200	13013481	CLAMP, BIPOD UOC: BN4.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 BARREL ASSEMBLY, M240/M240C, NSN 1005-01-044-1026, PN 11825985;
 M240B, NSNA, PN 13008850; M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
 M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, PN 13008220;
 M240L, PN 13016469**

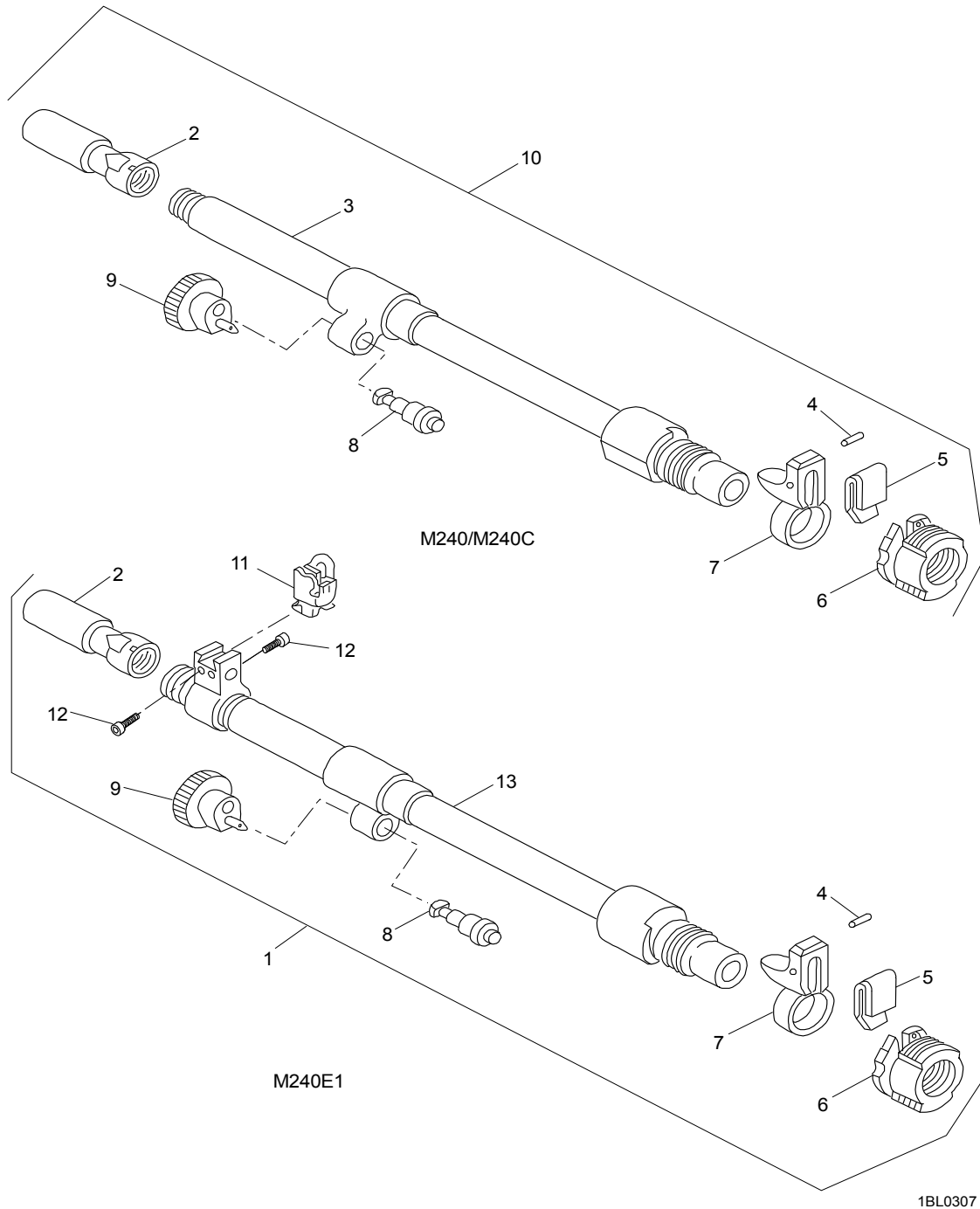
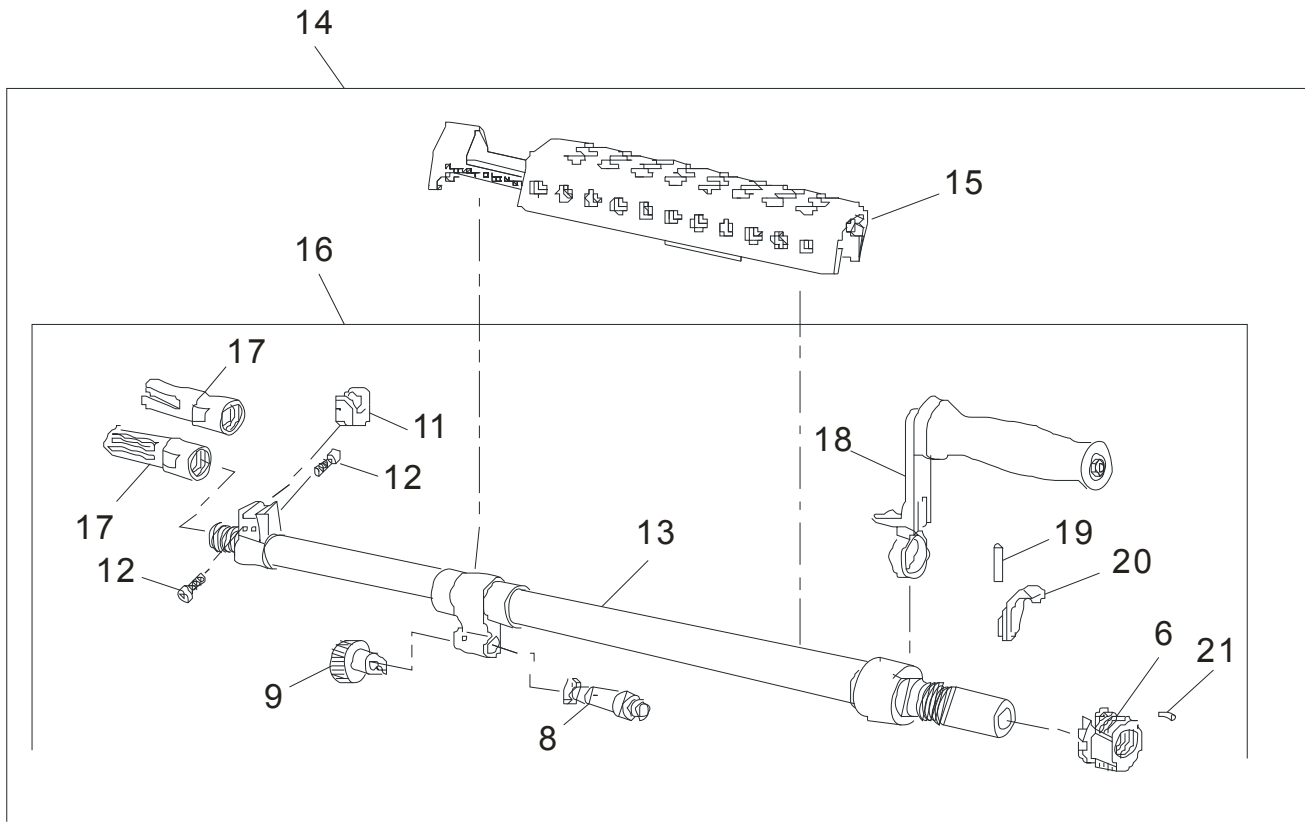


Figure 2. Barrel Assembly, M240/M240C, PN 11825985; M240B, PN 13008850, M240D/M240N, PN 12976818; M240E1, PN 12597035; M240L, PN 13016469; M240H, PN 13008220 (Sheet 1 of 2)

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 BARREL ASSEMBLY, M240/M240C, NSN 1005-01-044-1026, PN 11825985;
 M240B, NSNA, PN 13008850; M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
 M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, PN 13008220;
 M240L, PN 13016469 (cont)**



M240B/M240D/M240H/M240L/M240N

Figure 2. Barrel Assembly, M240/M240C, PN 11825985; M240B, PN 13008850, M240D/M240N, PN 12976818; M240E1, PN 12597035; M240L, PN 13016469; M240H, PN 13008220 (Sheet 2 of 2)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 BARREL ASSEMBLY						
FIGURE 2. BARREL ASSEMBLY, M240/M240C, PN 11825985; M240B, PN 13008850; M240D/M240N, PN 12986818; M240E1, PN 12597035; M240L, PN 13016469; M240H, PN 13008220						
1	PAF	FF	1005-01-251-9701	19200	12597035	BARREL ASSEMBLY UOC: AG8 1
2	PAF	ZZ	1005-01-032-8152	19200	11826002	FLASH HIDER UOC: AG8, G69, L04 1
3	XAFZZ			19200	11825986	BARREL, MACHINE GUN UOC: G69, L04 1
4	PAF	ZZ	5315-00-710-2735	80205	MS16562-122	PIN, SPRING UOC: AG8, G69, L04 1
5	PAFZZ		5340-01-032-8146	192 00	11825999	LATCH, BARREL UOC: AG8, G69, L04 1
6	PAFZZ		1005-01-033-3900	19200	11826001	ADAPT ER, BARREL, MACHINE 1
7	PAFZZ		1005-01-034-6503	19200	11825997	RELEASE, BARREL UOC: AG8, G69, L04 1
8	PAFZZ		1005-01-033-3899	19200	11826003	PLUG, GAS REGULATOR UOC: AG8, BJ8, G69, L04 1
8	PAFZZ		1005-01-512-6424	19200	13001601	PLUG, GAS REGULATOR UOC: BB2, BN4 BT5 1
9	PAFZZ		1005-01-036-7160	19200	11825992	COLLA R, GAS 1
10	PAF	FF	1005-01-044-1026	19200	11825985	BARREL ASSEMBLY UOC: G69, L04 1
11	AFFFF			19200	12597038	SIGHT ASSEMBLY, FRONT SEE FIG. 3 FOR BRKDOWN UOC: AG8, BB2, BC2, BJ8, BN4, BT5 1
12	PAFZZ		5305-01-251-9731	19200	12597043	SCREW, SELF-LOCKING FRONT SIGHT UOC: AG8, BB2, BC2, BJ8, BN4, BT5 1
13	XAFZZ			19200	13016471	BARREL, MACHINE GUN UOC: BT5 1
13	X	AFZZ	1005-01-251-9757	19200	12597036	BARREL, MACHINE GUN UOC: AG8, BB2, BC2, BN4, BJ8, 1
14	AFFFF			19200	13008850	BARREL ASSEMBLY UOC: BB2 1
14	AFFFF			19200	13016469	BARREL ASSEMBLY UOC: BT5 1
15	PAF	ZZ	1005-01-431-0664	19200	12976831	HEAT SHIELD UOC: BB2 1
15	PAF	ZZ	1005-01-551-1563	19200	13016482	HEAT SHIELD UOC: BT5 1
16	PAF	FF	1005-01-524-2427	19200	13008851	BARREL ASSEMBLY UOC: BB2 1
16	PAF	FF	1005-01-408-5897	19200	12976818	BARREL ASSEMBLY UOC: BC2, BJ8 1
16	PAF	FF	1005-01-522-4817	19200	13008220	BARREL ASSEMBLY UOC: BN4 1
16	PAF	FF	1005-01-549-8497	19200	13016470	BARREL ASSEMBLY UOC: BT5 1
17	PAFZZ		1030-01-408-3578	19200	12976830	FLASH SUPPRESSOR UOC: BB2, BC2, BJ8, BT5 1
17	PAFZZ		1005-01-561-3292	19200	13016091	FLASH SUPPRESSOR UOC: BN4 1

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 BARREL ASSEMBLY, M240/M240C, NSN 1005-01-044-1026, PN 11825985;
 M240B, NSNA, PN 13008850; M240D/M240N, NSN 1005-01-408-5897, PN 12976818;
 M240E1, NSN 1005-01-251-9701, PN 12597035; M240H, NSN 1005-01-522-4817, PN 13008220;
 M240L, PN 13016469**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 BARREL ASSEMBLY (cont)	
					FIGURE 2. BARREL ASSEMBLY, M240/M240C, PN 11825985; M240B, PN 13008850; M240D/M240N, PN 12986818; M240E1, PN 12597035; M240L, PN 13016469; M240H, PN 13008220 (cont)	
18	PAFFF PAOOO*	1005-01-408-3585	19200	12976819	CARRYING HANDLE ASSEMBLY, BARREL SEE FIG. 4 FOR BRKDW UOC: BB2, BC2, BJ8, BN4.....	1
18	PAFFF	1005-01-550-1628	19200	13016478	CARRYING HANDLE ASSEMBLY SEE FIG. 4.1 FOR BRKDW UOC: BT5.....	1
19	PAFZZ PAOZZ*	5360-01-410-9257	19200	12976827	SPRING, CATCH, BARREL UOC: BB2, BC2, BJ8, BN4, BT5.....	1
20	PAFZZ PAOZZ*	1005-01-408-5419	19200	12976828	CATCH BRACKET, BARREL UOC: BB2, BC2, BJ8, BN4, BT5.....	1
21	PAFZZ PAOZZ*	5315-01-409-0142	192 00	12976829	PIN, STRAIGHT UOC: BB2, BC2, BJ8, BN4, BT5.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
FRONT SIGHT ASSEMBLY, NSNA, PN 12597038**

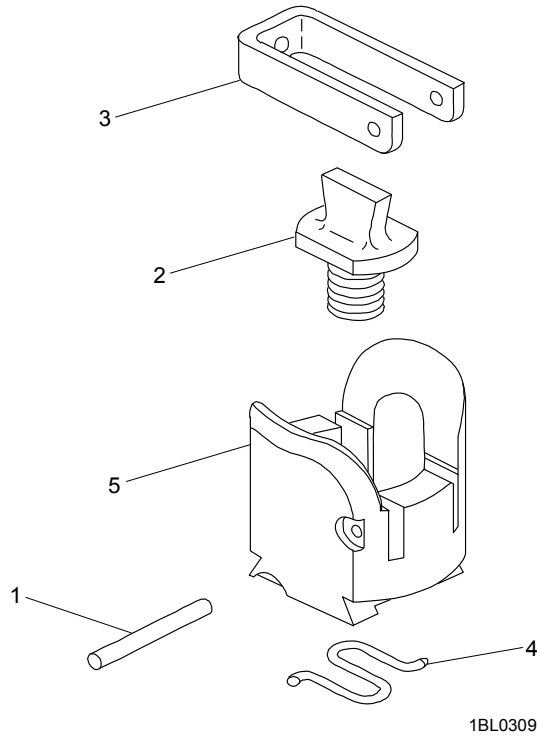


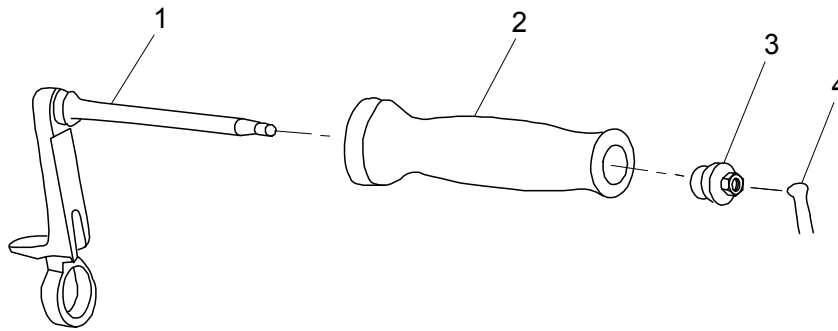
Figure 3. Front Sight Assembly, PN 12597038

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0101						
FIGURE 3. FRONT SIGHT ASSEMBLY, PN 12597038						
1	PAF	ZZ	5315-00-410-4853	80205 MS519	23-152 PIN, ROLL UOC: AG8,BB2,BC2,BJ8,BN4,BT5	1
2	PAFZZ		1005-01-255-4233	19200	12597040-1 BLADE, FRONT SIGHT (NO. 1 – 9.8mm) UOC: AG8,BB2,BC2,BJ8,BN4,BT5	1
2	PAFZZ		1005-01-255-4232	19200	12597040-2 BLADE, FRONT SIGHT (NO. 2 – 11.8mm) UOC: AG8,BB2,BC2,BJ8,BN4,BT5	1
3	PAFZZ		5340-01-251-9729	19200	12597041 STRAP, RETAINING FRONT SIGHT UOC: AG8,BB2,BC2,BJ8,BN4,BT5	1
4	PAFZZ		5360-01-251-9688	19200	12597042 SPRING, ADJUSTING, FRONT SIGHT UOC: AG8,BB2,BC2,BJ8,BN4,BT5	1
5	PAFZZ		1005-01-251-9687	19200	12597039 PROTECTOR, FRONT SIGHT UOC: AG8,BB2,BC2,BJ8,BN4,BT5	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD SUPPORT MAINTENANCE REPAIR PARTS LIST FOR
HANDLE ASSEMBLY, CARRYING, M240B, M240D, M240H, M240N,
NSN 1005-01-408-3585, PN 12976819 (cont)**



1BL0310

Figure 4. Handle Assembly, Carrying, PN 12976819

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0102						
FIGURE 4. HANDLE ASSEMBLY, CARRYING, PN 12976819						
1 X	AFZZ XAOZZ*		19200	12976823	BRACKET ASSEMBLY, CARRYING HANDLE UOC: BB2, BC2, BJ8, BN4	1
2	PAFZZ PAOZZ*	1005-01-408-3590	192 00	12976820	HANDLE, CARRYING UOC: BB2, BC2, BJ8, BN4	1
3	PAFZZ PAOZZ*	5310-01-408-3593	19200	12976821	NUT, RETAINING, CARRYING HANDLE UOC: BB2, BC2, BJ8, BN4	1
4	MFFZZ		96906	MS9226-04	WIRE, STEEL, CRES., SAFETY (Make from BULK item 2) UOC: BB2, BC2, BJ8, BN4	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
CARRYING HANDLE ASSEMBLY, M240L, NSN 1005-01-550-1628, PN 13016478**

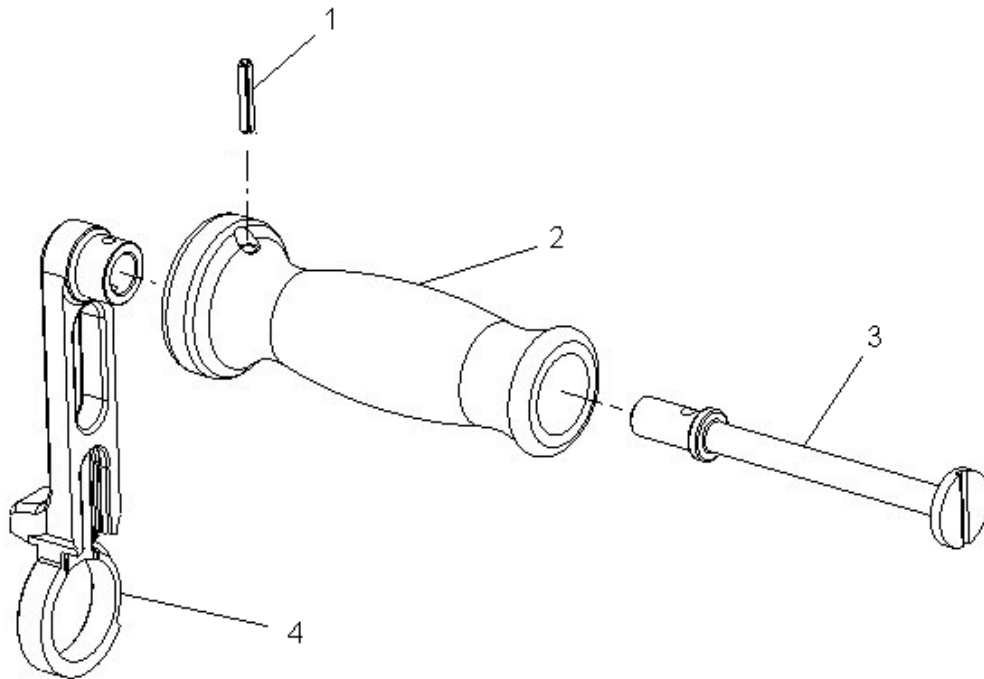
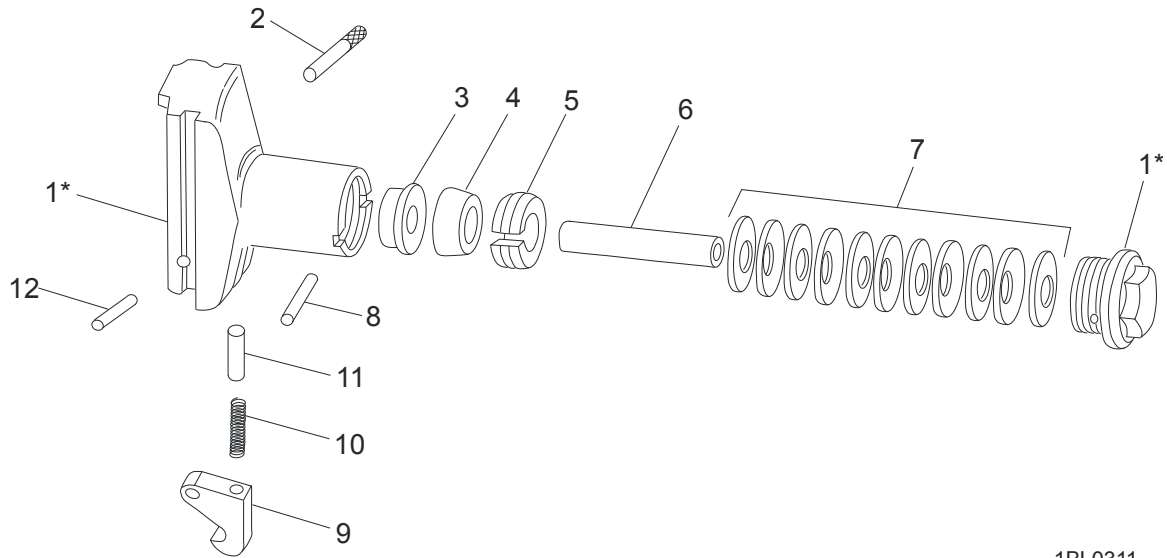


Figure 4.1. Carrying Handle Assembly, M240L, NSN 1005-01-550-1628, PN 13016478

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0103						
FIGURE 4.1. CARRYING HANDLE ASSEMBLY, M240L, PN 13016478						
1	PAFZZ	5315-01-549-8499	12976826	PIN,	RETAINING UOC: BT5.....	1
2	PAFZZ	1005-01-565-2588	13016481		HANDLE UOC: BT5.....	1
3	PAFZZ	5315-01-550-1623	13016480		ROD, CARRYING HANDLE UOC: BT5.....	1
4	XAFZZ		19200	13016479	BRACKET, CARRYING HANDLE UOC: BT5.....	1

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 BUFFER ASSEMBLY, M240/M240C, NSN 1005-01-257-9253, PN 11826211;
 BUFFER AND SPADE GRIP ASSEMBLY, M240D/M240E1/M240H, NSN 1005-01-251-9692,
 PN 12597057**

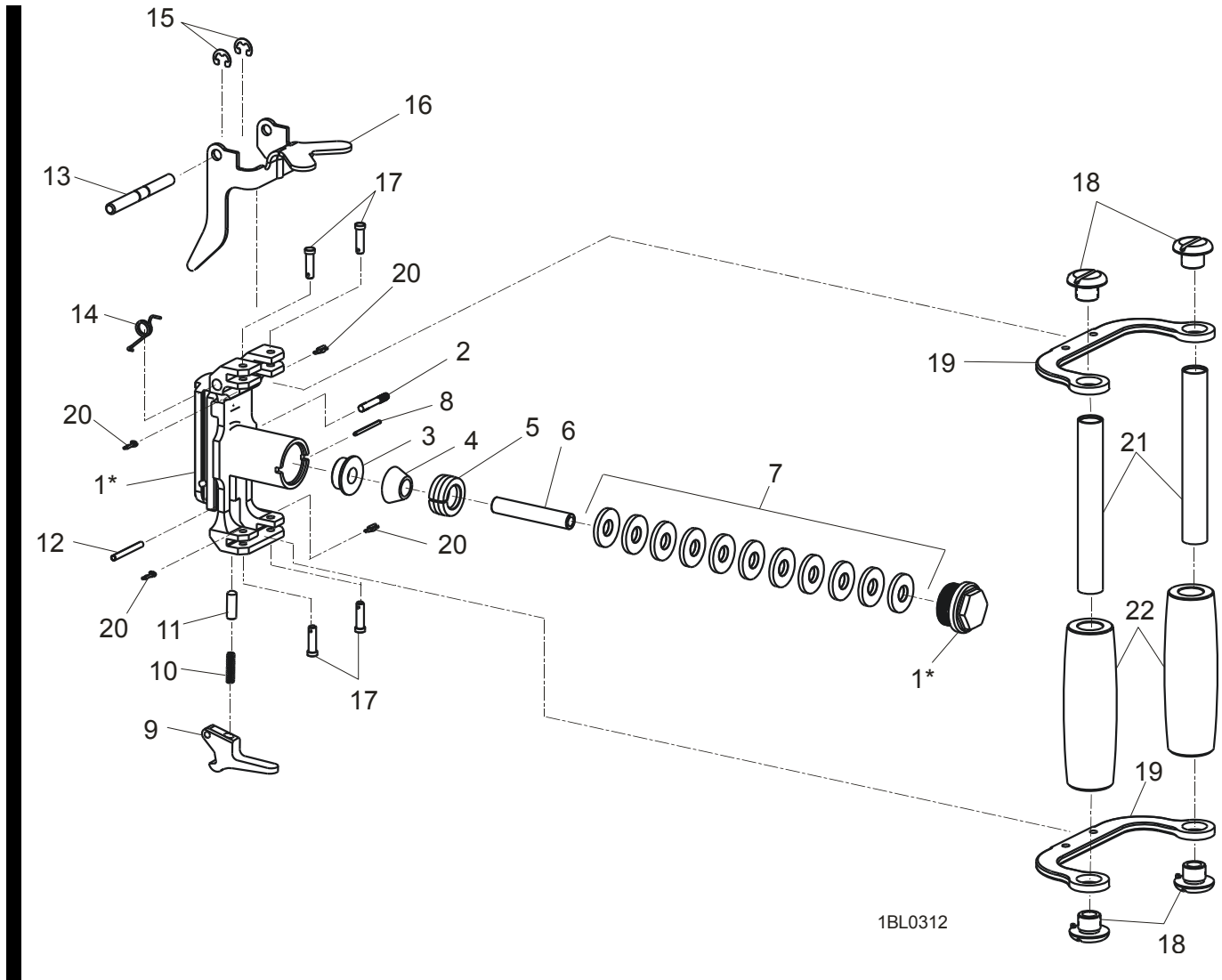


1BL0311

M240/M240C

**Figure 5. Buffer Assembly, M240/M240C, PN 11826211; and
 Buffer and Spade Grip Assembly, M240D/M240E1/M240H, PN 12597057 (Sheet 1 of 2)**

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 BUFFER ASSEMBLY, M240/M240C, NSN 1005-01-257-9253, PN 11826211; AND
 BUFFER AND SPADE GRIP ASSEMBLY, M240D/M240E1/M240H, NSN 1005-01-251-9692,
 PN 12597057 (cont)**



M240D/M240E1/M240H

**Figure 5. Buffer Assembly, M240/M240C, PN 11826211; and
 Buffer and Spade Grip Assembly, M240D/M240E1/M240H, PN 12597057 (Sheet 2 of 2)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY	
GROUP 02							
FIGURE 5. BUFFER ASSEMBLY, M240/M240C, PN 11826211; AND BUFFER AND SPADE GRIP ASSEMBLY, M240D/M240E1/M240H, PN12597057							
1	XAFZZ		19200	12597058	BUFFER, HOUSING AND PLUG ASSEMBLY (ISSUED AS A SET) UOC: AG8, BC2, BN4	1	
1	XAFZZ		19200	11826152	BUFFER, HOUSING AND PLUG ASSEMBLY (ISSUED AS A SET) UOC: G69, L04	1	
2	PAFZZ	5315-01-033-3886	19200	11826216	PIN, STRAIGHT HEADED	1	
3	PAF	ZZ	1005-01-033-1505	19200	11826218	PLUG, BUFFER UOC: AG8, BC2, BN4, G69, L04	1
4	PAF	ZZ	1005-01-032-8149	19200	11826219	CONE, BUFFER, BRAKING UOC: AG8, BC2, BN4, G69, L04	1
5	PAF	ZZ	1005-01-032-8150	19200	11826220	RING, EXPANSION UOC: AG8, BC2, BN4, G69, L04	1
6	PAFZZ	5365-01-033-3931	19200	11826222	SPACER, SLEEVE UOC: AG8, BC2, BN4, G69, L04	1	
7	PAF	ZZ	5310-01-033-3851	19200	11826221	WASHER, SPRING (ISSUED AS A SET) UOC: AG8, BC2, BN4, G69, L04	1
8	PAF	ZZ	5315-00-832-4132	96906	MS39086-147	PIN, SPRING UOC: AG8, BC2, BN4, G69, L04	1
9	PAFZZ	5340-01-251-9695	19200	12597062	LATCH, BACK PLATE UOC: AG8, BC2, BN4	1	
9	PAFZZ	5340-01-032-8147	19200	11826213	LATCH, BACK PLATE UOC: G69, L04	1	
10	PAF	ZZ	5360-01-033-3926	19200	11826214	SPRING, HELICAL UOC: AG8, BC2, BN4, G69, L04	1
11	PAF	ZZ	5340-01-033-3909	19200	11826215	PLUNGER, DETENT UOC: AG8, BC2, BN4, G69, L04	1
12	PAF	ZZ	5315-00-806-0213	96906	MS171475	PIN, SPRING UOC: AG8, BC2, BN4, G69, L04	1
13	PAFZZ	5315-01-550-2775	19200	13011321	PIN, GROOVED, HEADLESS UOC: AG8, BC2, BN4	1	
14	PAFZZ	5360-01-251-9725	19200	12597069	SPRING, HELICAL, TORSION, ARM UOC: AG8, BC2, BN4	1	
15	PAF	ZZ	5325-01-121-8093	96906	MS3215-4025	RING, RETAINING UOC: AG8, BC2, BN4	2
16	PAF	ZZ	1005-01-549-8488	19200	13011320	TRIGGER UOC: AG8, BC2, BN4	1
17	PAFZZ	5315-00-515-2854	19200	5152854	PIN, STRAIGHT, HEADED UOC: AG8, BC2, BN4	4	
18	PAF	ZZ	5305-00-500-9394	19200	5009394	SCREW, MACHINE UOC: AG8, BC2, BN4	4
19	PAF	ZZ	5340-00-600-8937	19200	6008937	FRAME UOC: AG8, BC2, BN4	2
20	PAF	ZZ	5315-00-731-2517	19200	7312517	PIN, LOCK UOC: AG8, BC2, BN4	4
21	PAFZZ	1005-00-918-2617	19200	5009369	TUBE, HANDLE GRIP UOC: AG8, BC2, BN4	2	
22	PAFZZ	1005-00-726-5561	19204	7265561	GRIP, MACHINE GUN UOC: AG8, BC2, BN4	2	

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY,
M240B/M240L/M240N, NSN 1005-01-461-2658, PN 12988986**

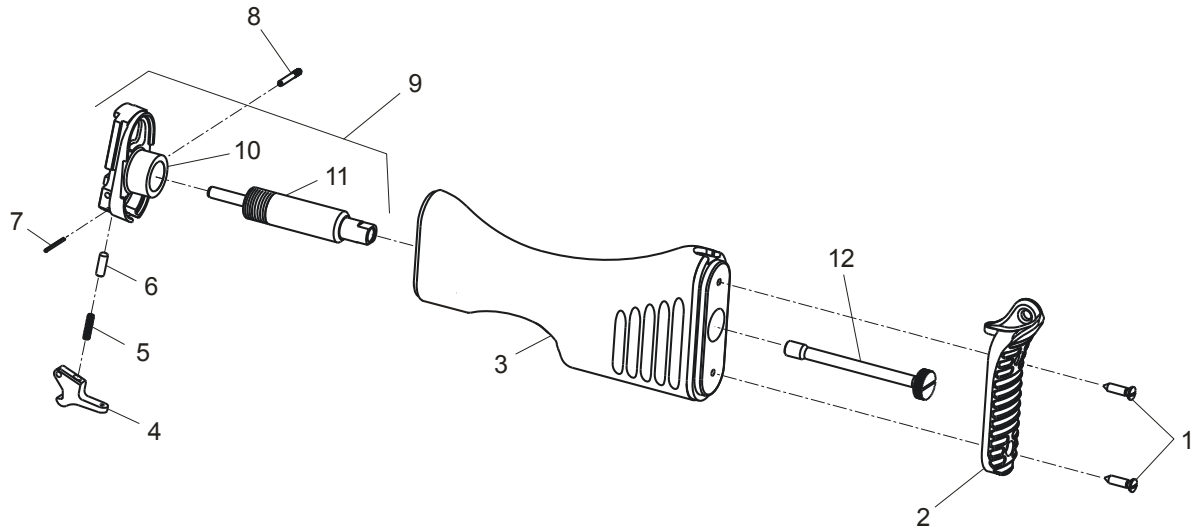


Figure 6. Buttstock and Hydraulic Buffer Assembly, M240B/M240L/M240N, PN 12988986

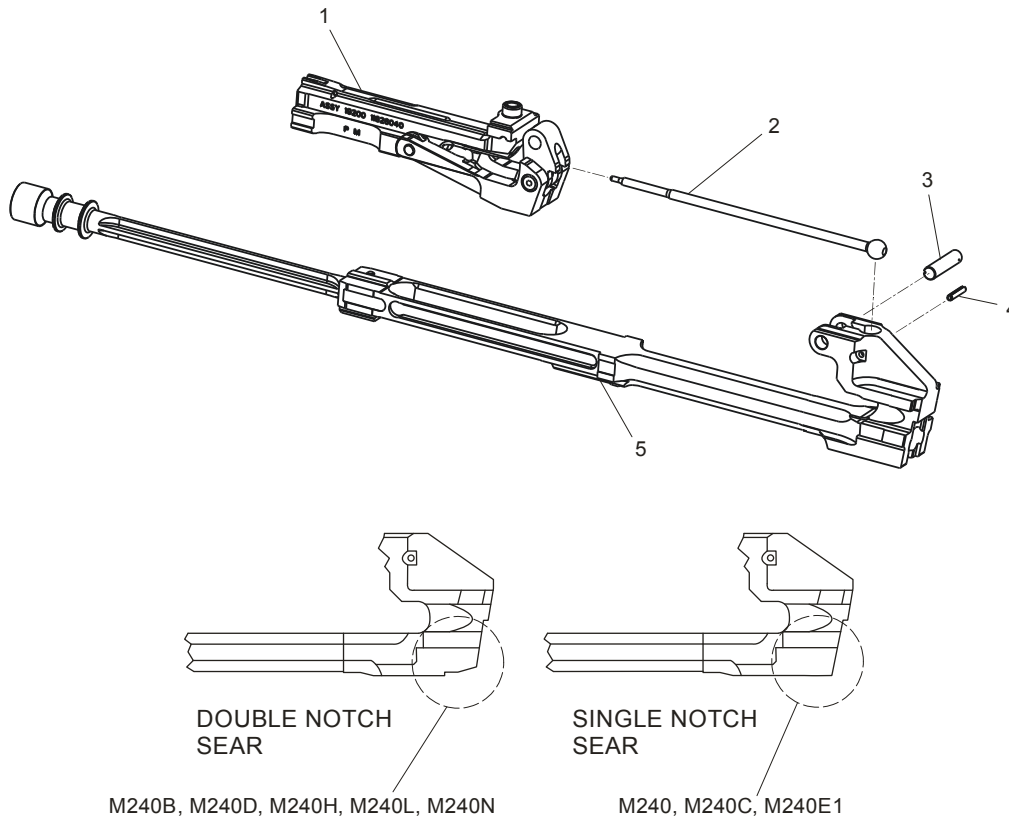
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 02						
FIGURE 6. BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY, M240B/M240L/M240N, PN 12988986						
1	PAFZZ	5305-01-408-4890	19200	12976864	SCREW, BUTT PLATE UOC: BB2, BJ8, BT5.....	2
2	PAF ZZ	1005-01-408-5417	19200	12976863	BUTTPLATE UOC: BB2, BJ8, BT5.....	1
3	PAFZZ	1005-01-453-9051	19200	12976852	BUTT STOCK ASSEMBLY UOC: BB2, BJ8, BT5.....	1
4	PAFZZ PAOZZ*	1005-01-408-3594	192 00	12976861	CATCH BUFFER UOC: BB2, BJ8, BT5.....	1
5	PAFZZ PAOZZ*	5360-01-033-3926	19200	11826214	SPRING, HELICAL COMP UOC: BB2, BJ8, BT5.....	1
6	PAFZZ PAOZZ*	5340-01-033-3909	192 00	11826215	DETENT, PLUNGER UOC: BB2, BJ8, BT5.....	1
7	PAFZZ PAOZZ*	5315-00-806-0213	969 06	MS171475	PIN, STRAIGHT UOC: BB2, BJ8, BT5.....	1
8	PAFZZ PAOZZ*	5315-01-033-3886	19200	11826216	PIN, STRAIGHT, HEADED UOC: BB2, BJ8, BT5.....	1
9	PAFFF	1005-01-472-8350	19200	12988984	BUFFER ASSEMBLY (HYDRAULIC) UOC: BB2, BJ8, BT5.....	1
10	X AFZZ		19200	12988989	. BUFFER BLOCK (HYDRAULIC) UOC: BB2, BJ8, BT5.....	1
11	PAF ZZ	1005-01-461-0326	19200	12988988	. BUFFER, HYDRAULIC UOC: BB2, BJ8, BT5.....	1
12	PAFZZ	5305-01-461-0327	19200	12988985	BUTT SCREW (HYDRAULIC BUFFER) UOC: BB2, BJ8, BT5.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
BOLT AND OPERATING ROD ASSEMBLY, M240/M240C/M240E1, NSNA, PN 11826070;
M240B/M240D/M240H/M240L/M240N, NSNA, PN 12976866**



**Figure 7. Bolt and Operation Rod Assembly,
M240/M240C/M240E1, PN 11826070;
M240B/ M240D/M240H/M240L/M240N, PN 12976866**

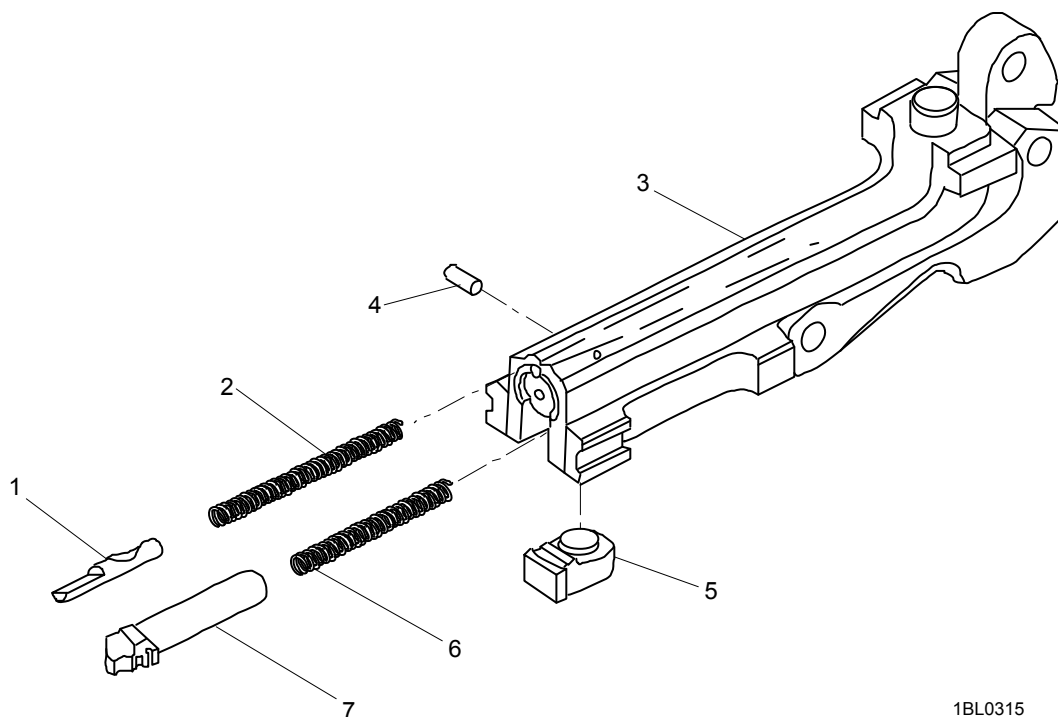
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03						
FIGURE 7. BOLT AND OPERATING ROD ASSEMBLY, M240/M240C/ M240E1, PN 11826070; M240B/ M240D/M240H/M240L/M240N, PN 12976866						
1	AFFFF		19200	11826057	BOLT ASSEMBLY SEE FIG. 8 FOR BRKDNW.....	1
2	PAFZZ	1005-01-033-1523	19200	11826065	PIN, FIRING	1
3	PAFZZ	5315-01-037-5586	19200	11826054	PIN, SPRING	1
4	PAFZZ	5315-01-033-8873	19200	11826068-1	PIN, SPRING	1
5	PAFZZ	1005-01-033-3901	19200	11826072	ROD ASSEMBLY, OPERATING	
	PAOZZ*				UOC: AG8, G69, L04	1
5	PAFZZ	1005-01-413-6992	19200	12976867	ROD ASSEMBLY, OPERATING	
	PAOZZ*				UOC: BB2, BC2, BJ8, BN4, BT5.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
BOLT ASSEMBLY, NSNA, PN 11826057**



1BL0315

Figure 8. Bolt Assembly, PN 11826057

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0301						
FIGURE 8. BOLT ASSEMBLY, PN 11826057						
1	PAFZZ	1005-01-033-1525	19200	11826067	EJECTOR, CARTRIDGE	1
2	PAFZZ	5360-01-033-8885	19200	11826069	SPRING, HELICAL	1
3	PAFFF	1005-01-033-9410	19200	11826040	BOLT, BREECH BODY ASSEMBLY SEE FIG. 9 FOR BRKDN.....	1
4	PAFZZ	5315-01-033-3887	19200	11826068-3	PIN. SPRING	1
5	PAFZZ	1005-01-033-4538	19200	11826060	EXTRACTOR, CARTRIDGE	1
6	PAFZZ	5360-13-110-9364	19200	11826062	SPRING ASSEMBLY	1
7	PAFZZ	1005-01-032-8142	19200	11826061	PLUNGER, EXTRACTOR.....	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
BREECH BODY ASSEMBLY BOLT, NSN 1005-01-033-9410, PN 11826040**

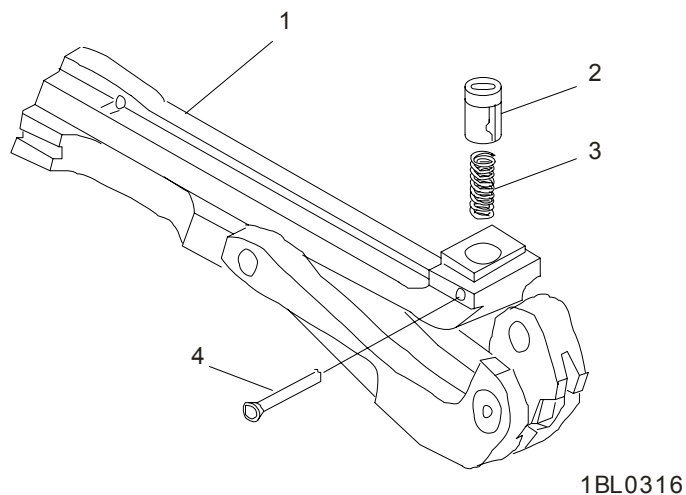


Figure 9. Breech Body Assembly Bolt, PN 11826040

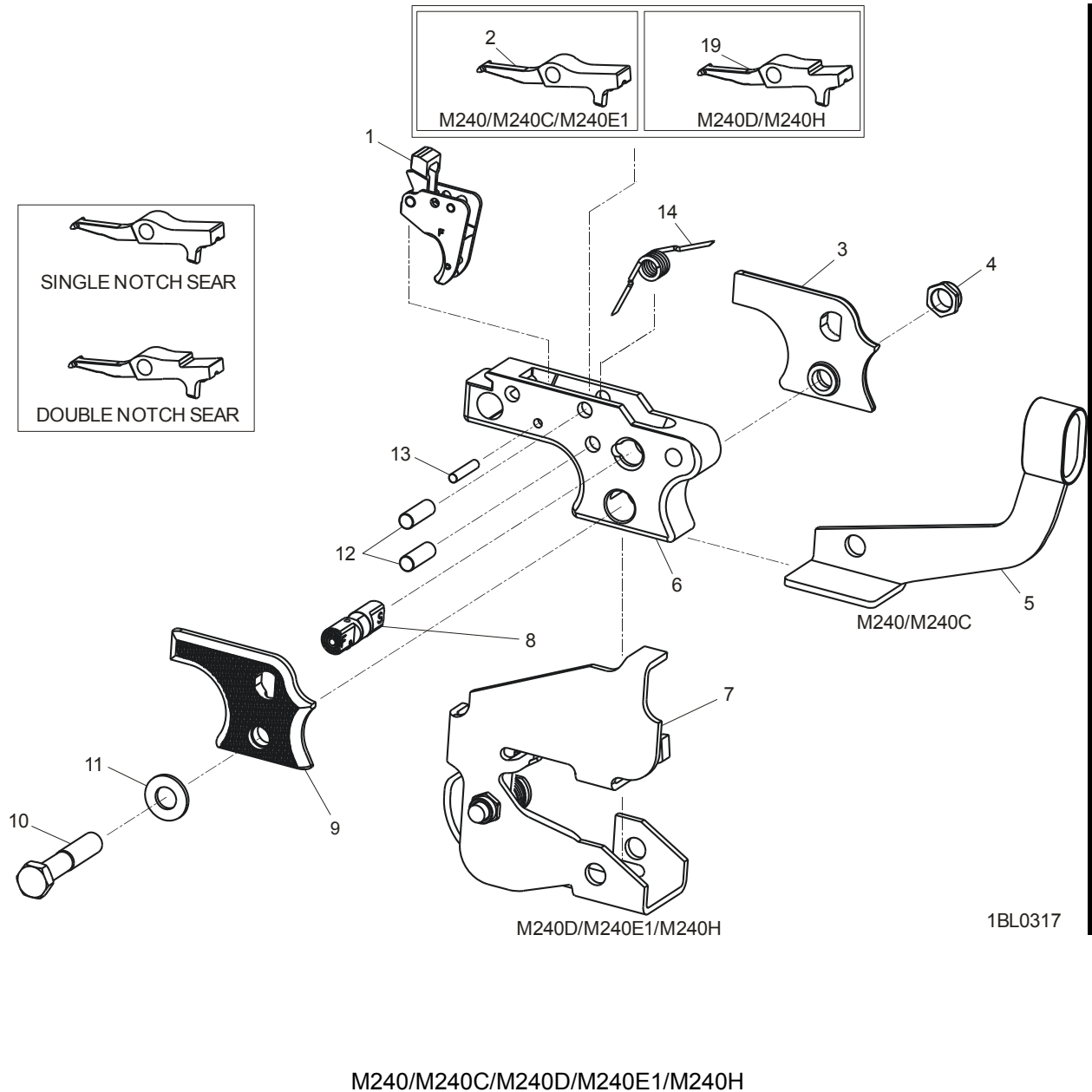
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 030101						
FIGURE 9. BREECHBODY ASSEMBLY BOLT, PN 11826040						
1 X	AFZZ		19200	11826041	BOLT, BREECH BODY	1
2	PAFZZ PAOZZ*	3120-01-127-8980	19200	11826042	ROLLER, LINEAR-ROTARY	1
3	PAFZZ PAOZZ*	5360-01-133-8874	19200	11826046	SPRING, HELICAL, COMP	1
4	PAFZZ PAOZZ*	5315-01-158-7862	19200	11826047	PIN, STRAIGHT, HEADED	1

END OF FIGURE

*MARINE CORPS ONLY

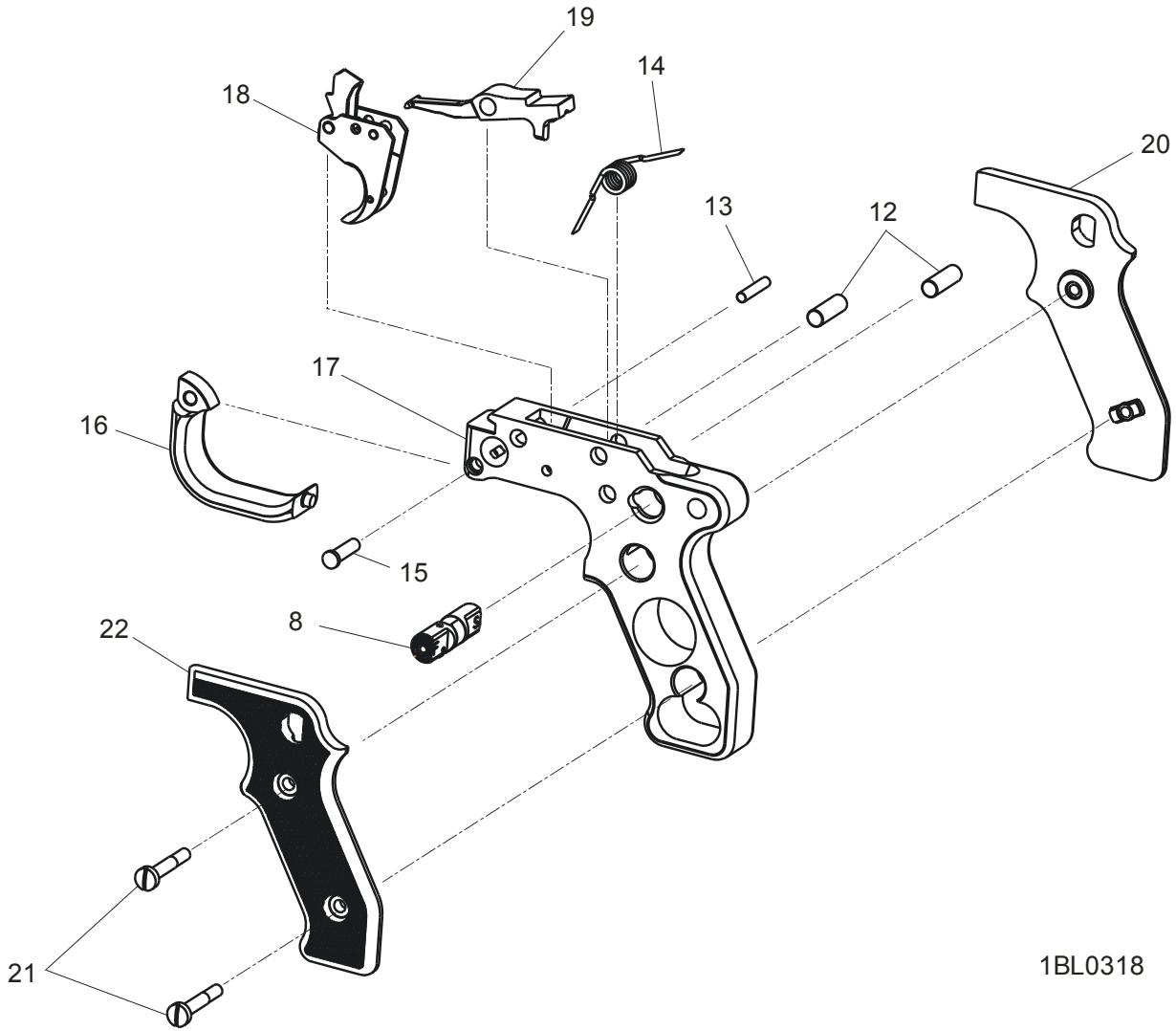
END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 TRIGGER HOUSING ASSEMBLY, M240/M240C, NSN 1005-01-440-8010, PN 11826230;
 TRIGGER HOUSING ASSEMBLY, M240D/M240H, NSN 1005-01-525-5050, PN13006368;
 TRIGGER HOUSING ASSEMBLY, M240E1, NSN 1005-01-394-1928, PN 12597070; AND
 TRIGGER ASSEMBLY, INFANTRY, M240B/M240N, NSN 1005-01-408-6669, PN 12976869**



**Figure 10. Trigger Housing Assembly, M240/M240C, PN 11826230;
 Trigger Housing Assembly, M240D/M240H, PN 13008368; M240E1, PN 12597070;
 and Trigger Assembly, Infantry, M240B/M240N, PN 12976869 (Sheet 1 of 2)**

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
 TRIGGER HOUSING ASSEMBLY, M240/M240C, NSN 1005-01-440-8010, PN 11826230;
 TRIGGER HOUSING ASSEMBLY, M240D/M240H, NSN 1005-01-525-5050, PN13006368;
 TRIGGER HOUSING ASSEMBLY, M240E1, NSN 1005-01-394-1928, PN 12597070; AND TRIGGER
 ASSEMBLY, INFANTRY, M240B/M240N, NSN 1005-01-408-6669, PN 12976869 (cont)**



1BL0318

M240B/M240N

**Figure 10. Trigger Housing Assembly, M240/M240C, PN 11826230;
 Trigger Housing Assembly, M240D/M240H, PN 13008368; M240E1, PN 12597070;
 and Trigger Assembly, Infantry, M240B/M240N, PN 12976869 (Sheet 2 of 2)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04						
FIGURE 10. TRIGGER HOUSING ASSEMBLY,M240/M240C,PN 11826230; TRIGGER HOUSING ASSEMBLY, M240D/M240H, PN 13008368; TRIGGER HOUSING ASSEMBLY, M240E1, PN 12597070; AND TRIGGER ASSEMBLY, INFANTRY, M240B/ M240N, PN 12976869						
1	PAFZZ PAOZZ*	1005-01-033-1526	192 00	11826240	TRIGGER UOC: AG8, G69, L04	1
1	PAFZZ	1005-01-524-7773	19200	13008369	TRIGGER UOC: BC2, BN4	1
2	PAFZZ PAOZZ*	1005-01-033-1524	192 00	11826253	SEAR UOC: AG8, G69, L04	1
3	PAFZZ	1005-01-034-4113	19200	11826232-2	GRIP, MACHINE GUN UOC: AG8, BC2, G69, L04, BN4.....	1
4	PAFZZ	5310-00-956-4549	96906	MS21083C6	NUT , SELF-LOCKING UOC: AG8, BC2, G69, L04, BN4.....	1
5	PAFZZ	1005-01-033-1502	19200	11826234	GUIDE, CHARGER CABLE UOC: G69, L04.....	1
6	X AFZZ XAOZZ* PAOZZ**	1005-01-033-3646	19200	11826231	HOUSING, TRIGGER UOC: AG8, BC2, G69, L04, BN4.....	1
7	PAFFF	1005-01-251-9696	19200	12597071	ACTUATING ASSEMBLY, TRIGGER SEE FIG. 11 FOR BRKDOWN UOC: AG8, BC2, BN4	1
8	PAFZZ	1005-01-033-8328	19200	11826258	SAFETY, SMALL ARMS	1
9	PAFZZ	1005-01-033-1528	19200	11826232-1	GRIP, MACHINE GUN UOC: AG8, BC2, G69, L04, BN4.....	1
10	PAFZZ	5306-01-192-0677	96906	MS9286-24	BOLT, MACHINE UOC: AG8, BC2, G69, L04, BN4.....	1
11	PAFZZ	5310-00-036-6770	80205	MS15795-814B	WASHER, FLAT UOC: AG8, BC2, G69, L04, BN4.....	1
12	PAFZZ PAOZZ*	5315-01-033-3890	19200	11826255	PIN, STRAIGHT	2
13	PAFZZ PAOZZ*	5315-01-034-1583	19200	11826250	PIN, STRAIGHT	1
14	PAFZZ PAOZZ*	5360-01-033-1535	19200	11826254	SPRING, HELICAL.....	1
15	PAFZZ	1005-01-410-8544	19200	12976874	PIN, HEADED, TRIGGER GUARD UOC: BB2, BJ8	1
16	PAFZZ	1005-01-410-8498	19200	12976875	GUARD, TRIGGER UOC: BB2, BJ8	1
17	X AFZZ XAOZZ*	192	00	12976876	FRAME, TRIGGER UOC: BB2, BJ8	1
18	PAFZZ PAOZZ*	1005-01-408-4361	192 00	12976870	TRIGGER ASSEMBLY UOC; BB2, BJ8	1
19	PAFZZ PAOZZ*	1005-01-409-0144	192 00	12976882	SEAR UOC: BB2, BC2, BJ8, BN4	1
20	PAFZZ	1005-01-408-4600	19200	12976877	GRIP ASSEMBLY, RIGHT UOC: BB2, BJ8	1
21	PAFZZ	5305-01-408-4953	19200	12976880	SCREW, GRIP UOC: BB2, BJ8	2
22	PAFZZ	1005-01-408-5416	19200	12976881	GRIP, LEFT UOC: BB2, BJ8	1

END OF FIGURE

*MARINE CORPS ONLY

**NAVY ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
TRIGGER HOUSING ASSEMBLY, M240L, NSN 1005-01-549-8498, PN 13016484**

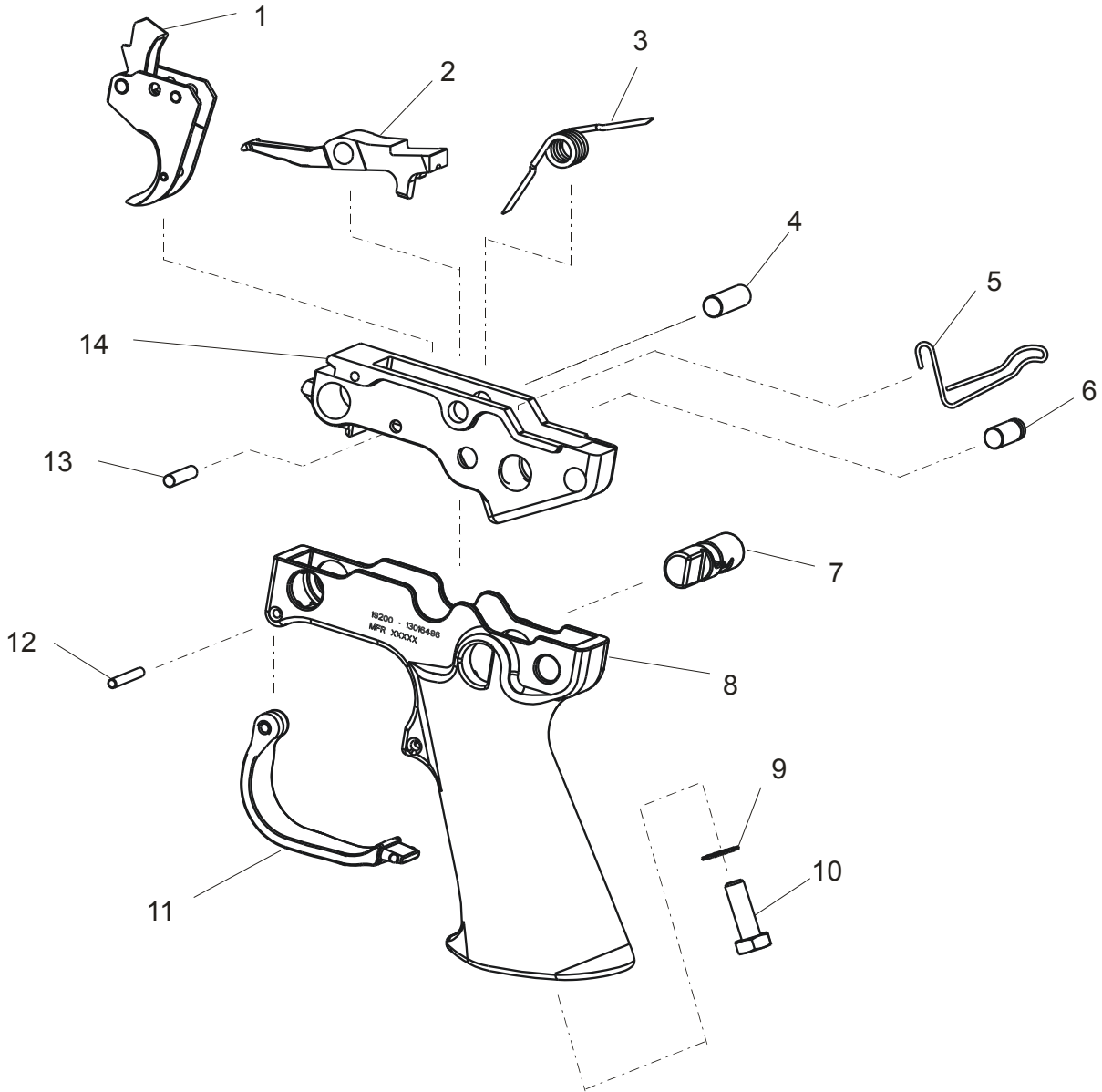


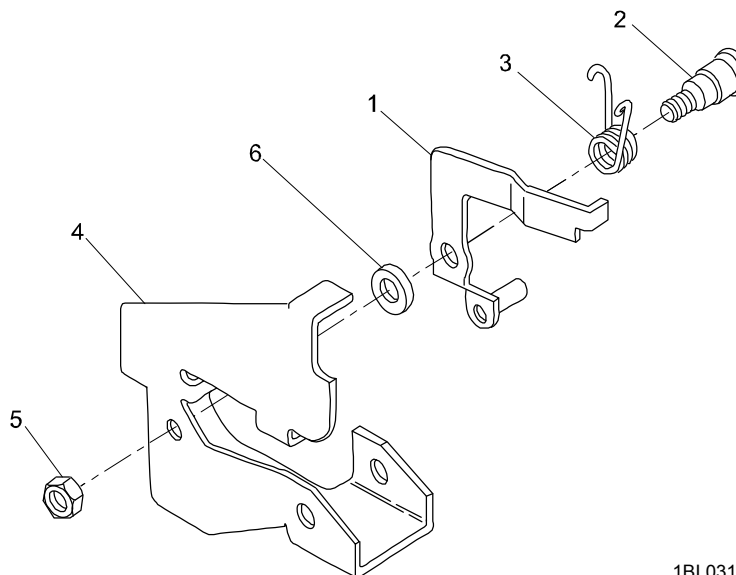
Figure 10.1. Trigger Frame Assembly, M240L, NSN 1005-01-549-8498, PN 13016484

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY	
GROUP 04							
FIGURE 10.1. TRIGGER HOUSING ASSEMBLY, M240L, NSN 1005-01-549-8498, PN 13016484							
1	PAFZZ	1005-01-408-4361	19200	129	76870	TRIGGER ASSEMBLY UOC: BT5..... 1	
2	PAFZZ	1005-01-409-0144	192	00	12976882	SEAR UOC: BT5..... 1	
3	PAFZZ	5360-01-033-1535	19200	118	26254	SPRING, HELICAL UOC: BT5..... 1	
4	PAFZZ	5315-01-033-3890	192	00	11826255	PIN, STRAIGHT UOC: BT5..... 1	
5	PAFZZ	5340-01-550-1620	19200	130	16491	SPRING, SAFETY UOC: BT5..... 1	
6	PAFZZ	5315-01-550-2774	19200	130	16492	PIN, RETAINING UOC: BT5..... 1	
7	PAFZZ	1005-01-549-8495	19200	13016490		SAFETY TRIGGER UOC: BT5..... 1	
8	PAFZZ	1005-01-549-8493	192	00	13016486	GRIP, TRIGGER UOC: BT5..... 1	
9	PAFZZ	5310-00-209-0786	969	06	MS35335-33	WASHER, LOCK UOC: BT5..... 1	
10	PAF	ZZ	5305-00-068-0502	80205	MS90725-6	SCREW, CAP, HEX HEAD UOC: BT5..... 1	
11	PAF	ZZ	1005-01-551-5420	19200	130	16488	GUARD, TRIGGER UOC: BT5..... 1
12	PAF	ZZ	5315-01-553-0682	19200	13016489	PIN, RETAINING UOC: BT5..... 1	
13	PAF	ZZ	5315-01-550-2777	19200	130	16493	PIN, STRAIGHT UOC: BT5..... 1
14	XAF	ZZ	19200	130	16485	FRAME, TRIGGER UOC: BT5..... 1	

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
ACTUATING ASSEMBLY, TRIGGER, M240D/M240E1/M240H, NSN 1005-01-251-9696, PN 12597071**



1BL0319

Figure 11. Actuating Assembly, Trigger, M240D/M240E1/M240H, PN 12597071

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0401						
FIGURE 11. ACTUATING, ASSEMBLY, TRIGGER, M240D/M240E1/M240H, PN 12597071						
1	PAFZZ	1005-01-251-9698	19200	12597073	LINK, ACTUATING ASSEMBLY UOC: AG8, BC2, BN4	1
2	PAFZZ	1005-01-251-9697	19200	12597076	PIVOT, TRIGGER, ACTUATING LINK UOC: AG8, BC2, BN4	1
3	PAFZZ	5360-01-251-9726	19200	12597077	SPRING, HELICAL, TORSION ACTUATING LINK UOC: AG8, BC2, BN4	1
4	XAFZZ		19200	12597072	BODY, PLATE, PROTECTING UOC: AG8, BC2, BN4	1
5	PAFZZ	5310-00-020-3260	96906	MS21083C5	NUT, SELF-LOCKING UOC: AG8, BC2, BN4	1
6	PAFZZ	5310-01-251-9734	19200	12597078	WASHER, FLAT UOC: AG8, BC2, BN4	1

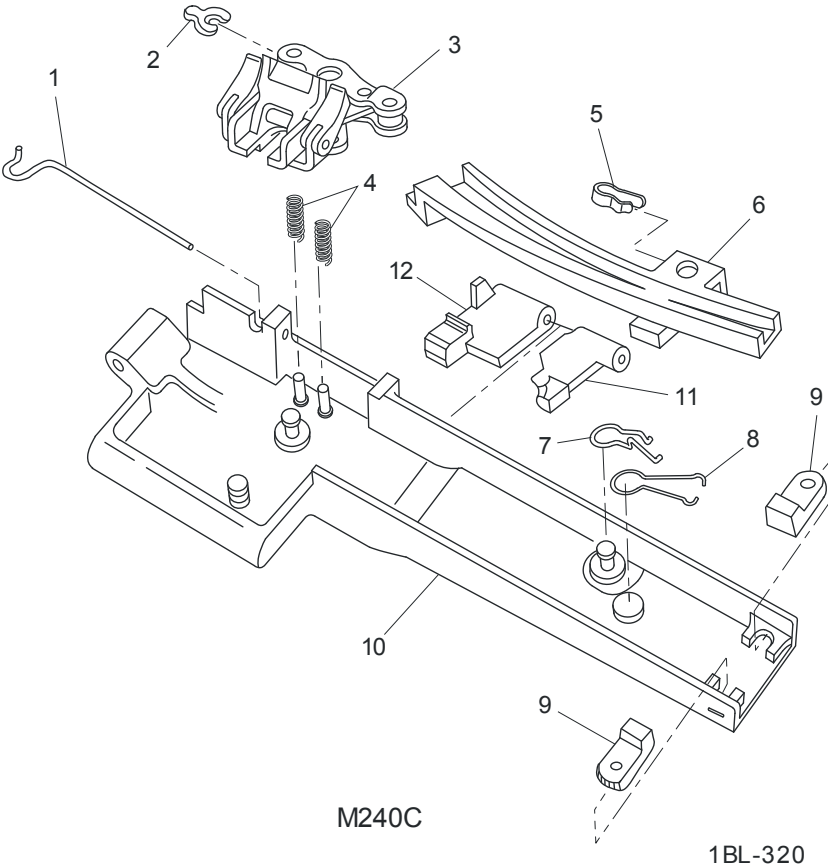
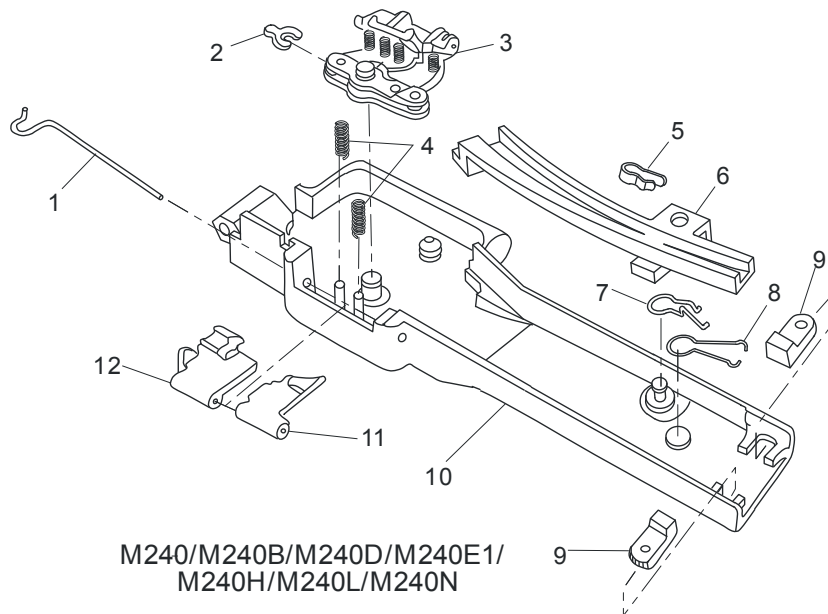
END OF FIGURE

END OF WORK PACKAGE

0041 00-1/(2 blank)

Change 1

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
COVER ASSEMBLY, M240C, NSN NA, PN 11826038; AND
M240/M240B/M240D/M240E1/M240H/M240L/M240N, NSN NA, PN 12977101**



**Figure 12. Cover Assembly, M240C, PN 11826038;
M240/M240B/M240D/M240E1/M240H/M240L/M240N, PN 12977101**

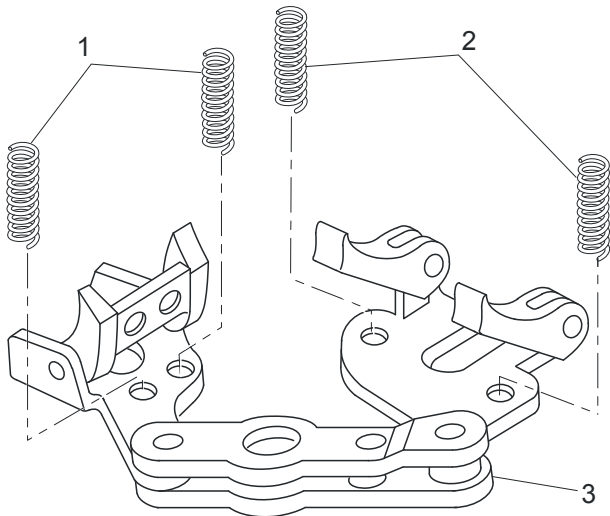
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 05						
FIGURE 12. COVER ASSEMBLY, M240C, PN 11826038; and M240/M240B/M240D/M240E1/M240H/ M240L/M240N, PN 12977101						
1	PAFZZ PAOZZ*	5315-01-033-3898	19200	11826205	PIN, PAWL RETAINING UOC: AG8, BB2, BC2, G69, BJ8, BN4, BT5.....	1
1	PAFZZ PAOZZ*	5315-01-090-8051	19200	11826018	PIN, PAWL RETAINING UOC: L04	1
2	PAFZZ PAOZZ*	5325-01-033-3927	192	00 11826200	RING, RETAINING.....	1
3	PAFFF PAOZZ*	1005-01-033-1501	19200	11826177	PAWL FEED ASSEMBLY SEE FIG. 13 FOR BRKDOWN UOC: AG8, BB2, BC2, G69, BJ8, BN4, BT5.....	1
3	PAFFF PAOZZ*	1005-01-091-0682	192	00 11826017	PAWL, FEED ASSEMBLY SEE FIG. 13 FOR BRKDWN UOC: L04	1
4	PAFZZ PAOZZ*	5360-01-033-8385	19200	11826201	SPRING, HELICAL.....	2
5	PAFZZ PAOZZ*	5315-01-033-8872	19200	11826202	PIN, LOCK	1
6	PAFZZ PAOZZ*	1005-01-033-3897	192	00 11826209	LEVER, FEED UOC: AG8, BB2, BC2, G69, BJ8, BN4, BT5.....	1
6	PAFZZ PAOZZ*	1005-01-090-8050	192	00 11826039	LEVER, FEED UOC; L04	1
7	PAFZZ PAOZZ*	5340-01-033-6597	192	00 11826204	CLIP, RETAINING.....	1
8	PAFZZ PAOZZ*	5340-01-033-6598	192	00 11826203	CLIP, RETAINING.....	1
9	PAFZZ PAOZZ*	5342-01-032-8148	19200	11826206	LATCH, COVER.....	2
10	PAFZZ PAOZZ*	1005-01-090-8052	19200	11826022	COVER, FRAME, RH UOC: L04	1
10	PAFZZ PAOZZ*	1005-01-432-9538	19200	12977102	COVER, OPTICAL SIGHT UOC: AG8, BB2, BC2, BJ8, BN4, BT5, G69	1
11	PAFZZ PAOZZ*	1005-01-033-1516	192	00 11826207	GUIDE, CARTRIDGE UOC: AG8, BB2, BC2, G69, BJ8, BN4, BT5.....	1
11	PAFZZ PAOZZ*	1005-01-090-8121	192	00 11826035	GUIDE, CARTRIDGE, REAR UOC: L04	1
12	PAFZZ PAOZZ*	1005-01-032-8154	192	00 11826208	GUIDE, CARTRIDGE UOC: AG8, BB2, BC2, G69, BJ8, BN4, BT5.....	1
12	PAFZZ PAOZZ*	1005-01-090-8120	19200	11826023	GUIDE, CARTRIDGE, FRONT UOC: L04	1

END OF FIGURE

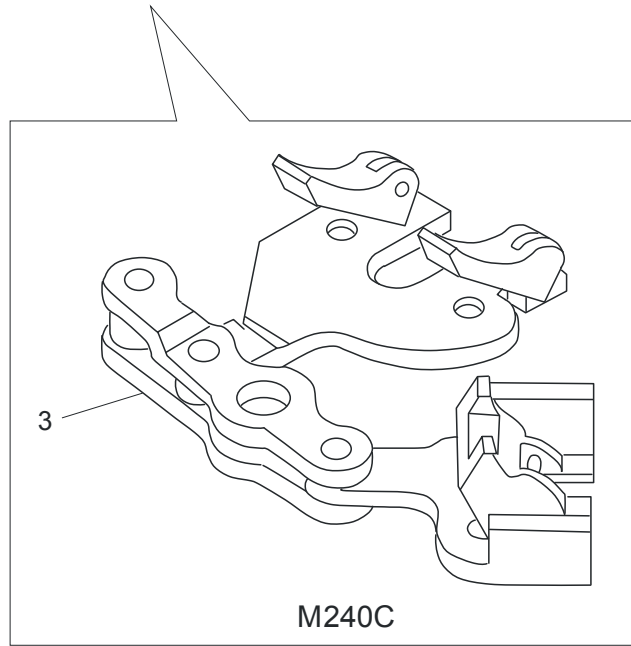
*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
FEED PAWL ASSEMBLY, M240/M240B/M240D/M240E1/M240H/M240L/M240N,
NSN 3040-01-033-1501, PN 11826177; M240C, NSN 3040-01-091-0682, PN 11826017**



M240/M240B/M240E1/
M240H/M240L/M240N



1BL0321

**Figure 13. Feed Pawl Assembly, M240/M240B/M240D/M240E1/
M240H/M240L/M240N, PN 11826177; M240C, PN 11826017**

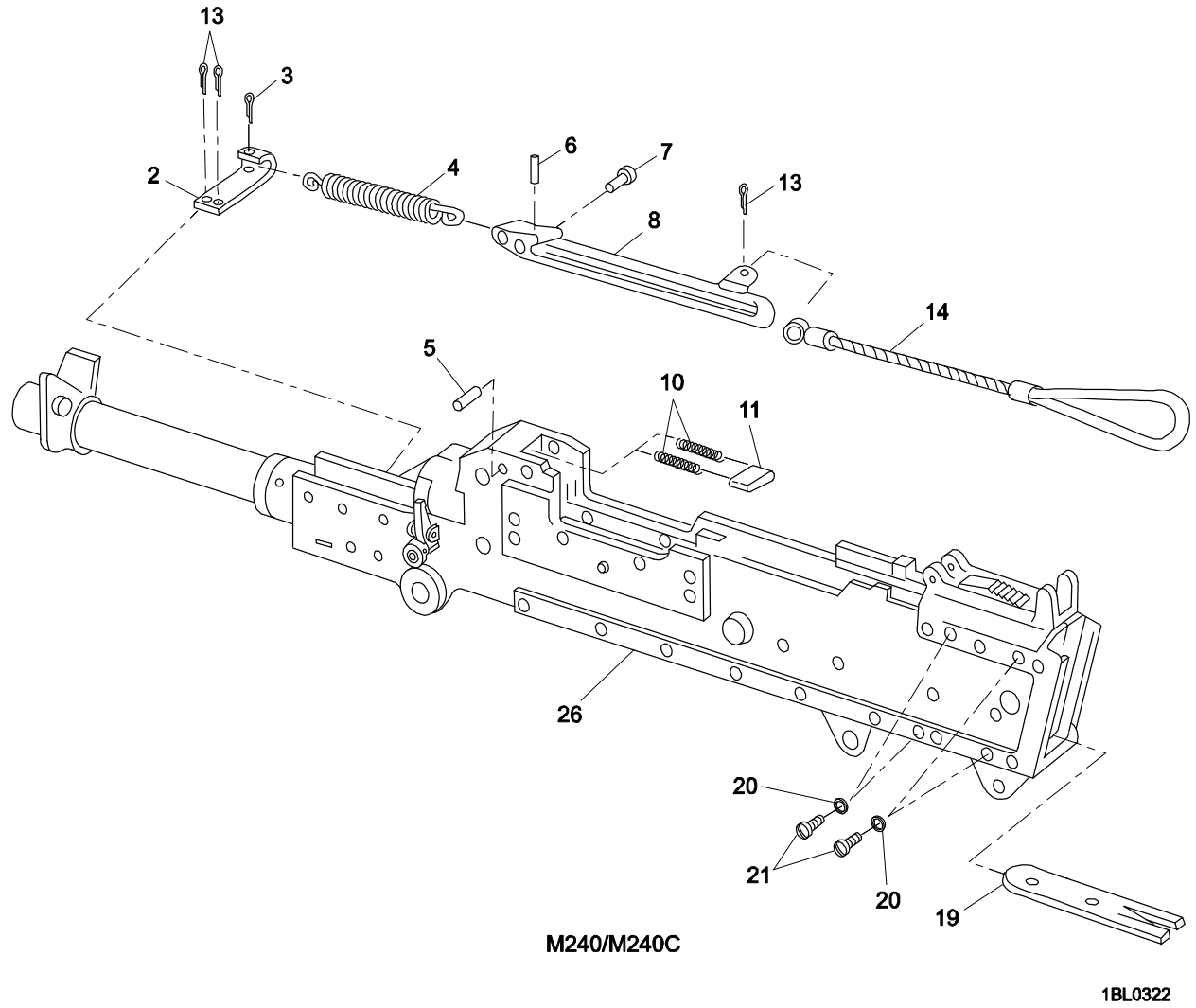
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0501	
					FIGURE 13. FEED PAWL ASSEMBLY, M240/M240B/M240D/M240E1/ M240H/ M240L/M240N, PN 11826177; M240C, PN 11826017	
1	PAFZZ PAOZZ*	5360-01-034-4114	19200	11826189	SPRING, HELICAL.....	2
2	PAFZZ PAOZZ*	5360-01-035-0838	19200	11826182	SPRING, HELICAL.....	2
3 X	AFZZ XAOZZ*	192	00	11826191	FEED PAWL UOC: AG8, BB2, BC2, BJ8, BN4, BT5, G69.....	1
3 X	AFZZ XAOZZ*	192	00	11825982	FEED PAWL UOC: L04	1

END OF FIGURE

*MARINE CORPS ONLY

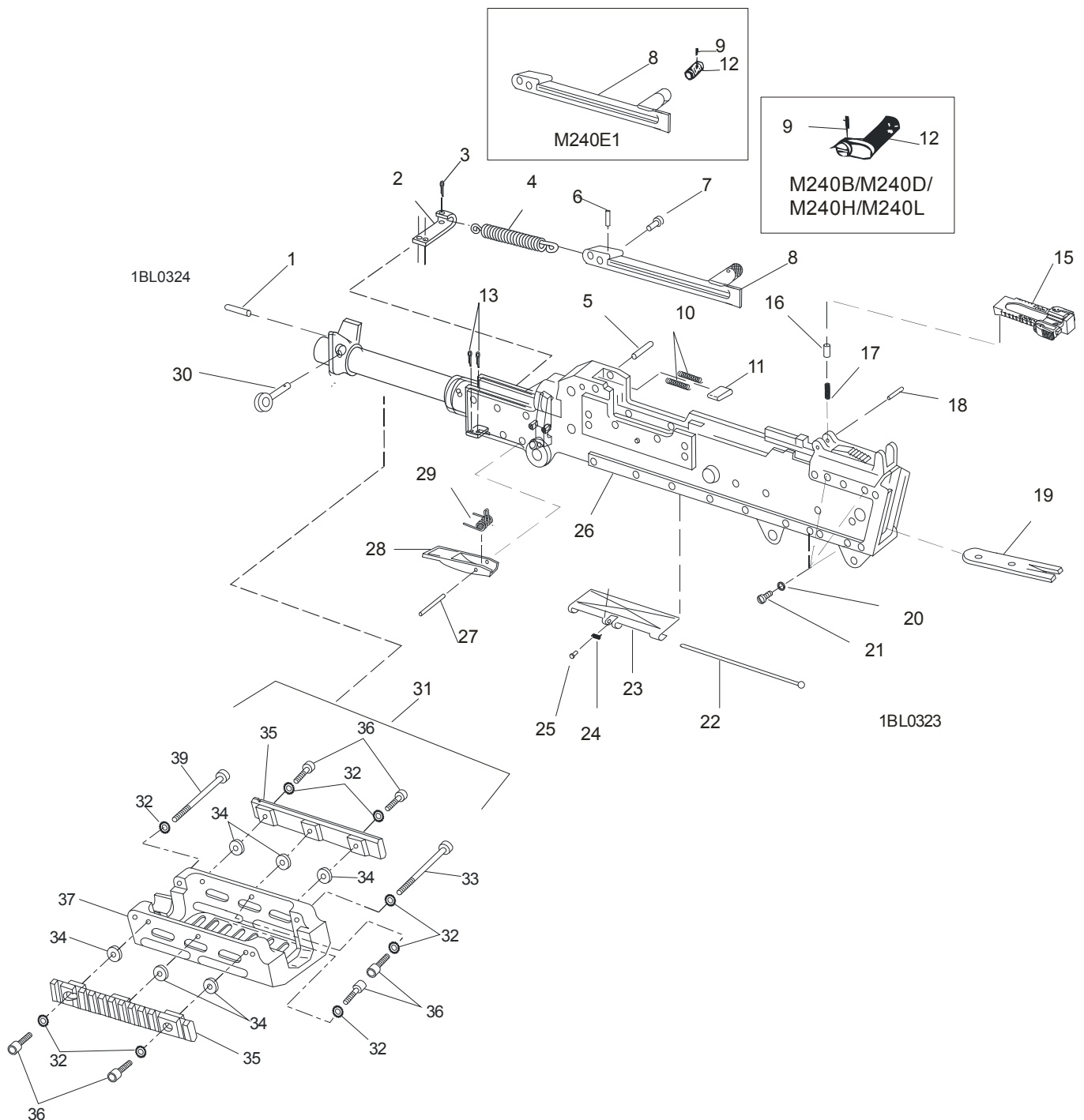
END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER ASSEMBLY, M240/M240C, NSNA, PN 11826192; M240B, NSNA, PN 12976834;
M240D, NSNA PN 12977104; M240E1, NSNA, PN 12597044; M240H, NSNA, PN 13008744;
M240L, NSNA, PN 13016494; M240N, NSNA, PN 12999179**



**Figure 14. Receiver Assembly, M240/M240C, PN 11826192; M240B, PN 12976834;
M240D, PN 12977104; M240E1, PN 12597044; M240H, PN 13008744;
M240L, PN 13016494; M240N, 12999179 (Sheet 1 of 2)**

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER ASSEMBLY, M240/M240C, NSNA, PN 11826192; M240B, NSNA, PN 12976834;
M240D, NSNA PN 12977104; M240E1, NSNA, PN 12597044; M240H, NSNA, PN 13008744;
M240L, NSNA, PN 13016494; M240N, NSNA, PN 12999179**



M240B/M240D/M240E1/M240H/M240L/M240N

**Figure 14. Receiver Assembly, M240/M240C, PN 11826192; M240B, PN 12976834;
M240D, PN 12977104; M240E1, PN 12597044; M240H, PN 13008744;
M240L, PN 13016494; M240N, PN 12999179 (Sheet 2 of 2)**

(1) TEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06						
FIGURE 14. RECEIVER ASSEMBLY, M240/M240C, PN 11826192; M240B, PN 12976834; M240D, PN 12977104; M240E1, PN 12597044; M240H, PN 13008744; M240L, PN 13016494; M240N, PN 12999179						
1	PAFZZ	5315-00-836-0643	96906	MS39086-205	PIN, SPRING UOC: BB2, BC2, BJ8, BN4, BT5.....	1
2	PAFZZ	1005-01-034-1617	19200	11826153	PLATE, SPRING UOC: AG8, BC2, G69, L04, BN4.....	1
3	PAFZZ	5315-00-849-5579	80205	MS24665-437	PIN, COTTER UOC: AG8, BC2, G69, L04, BN4.....	1
4	PAFZZ	5360-01-034-4115	19200	11826155	SPRING, HELICAL UOC: AG8, BC2, G69, L04, BN4.....	1
5	PAFZZ	5315-01-033-3889	19200	11826068- 2	PIN, SPRING.....	1
	PAOZZ*					
6	PAFZZ	5315-00-058-6044	80205	MS16562-106	PIN, SPRING.....	1
	PAOZZ*					
7	PAFZZ	5315-01-479-0126	19200	12991418	PIN, STRAIGHT, HEADED	1
	PAOZZ*					
8	PAFZZ	1005-01-033-3629	192 00	11826135	SLIDE, CHARGER UOC: AG8,BB2,BC2,BN4,G69,L04,BT5	1
	PAOZZ*					
8	PAFZZ	1005-01-409-0143	19200	12976835	COCKING ASSEMBLY UOC: BJ8	1
9	PAFZZ	5315-01-276-5877	96906	MS39086-406	PIN, SPRING UOC: AG8, BB2, BN4, BT5.....	1
9	PAFZZ	5315-01-460-3383	19200	12977107	PIN, CHARGING HANDLE UOC: BC2	1
10	PAFZZ	5360-01-034-1639	19200	11826158	SPRING, HELICAL COMPRESSION.....	2
	PAOZZ*					
11	PAFZZ	5340-01-033-3910	19200	11826156	PLUNGER, DETENT.....	1
	PAOZZ*					
12	PAFZZ	5355-01-251-9755	19200	12597045	HANDLE, MANUAL CONTROL UOC: AG8	1
12	PAFZZ	5355-01-464-1091	19200	12977106	HANDLE, OFFSET CHARGING UOC: BC2	1
12	PAFZZ	1005-01-522-0758	19200	12999957	HANDLE, OFFSET CHARGING UOC: BB2, BN4, BT5	1
13	PAFZZ	5315-00-181-6984	21450	590479	PIN, COTTER UOC: AG8, BC2, BN4	2
					UOC: G69, L04.....	3
14	PAFZZ	1005-01-032-8145	19200	11826145	CABLE, CHARGER UOC: G69, L04.....	1
15	AFFFF		19200	12597046	REAR SIGHT ASSEMBLY SEE FIG. 16 FOR BRKDOWN UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	1
16	PAFZZ	1005-01-251-9689	19200	12597055	PLUNGER, REAR SIGHT UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	1
17	PAFZZ	5360-01-251-9724	19200	12597054	SPRING, HELICAL COMPRESSION UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	1
18	PAFZZ	5315-01-251-9722	19200	12597056	PIN, STRAIGHT, HEADLESS UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	1
19	PAFZZ	5340-01-033-1484	19200	11826122	COVER, ACCESS.....	1
20	PAFZZ	5310-01-033-8380	19200	11826121	WASHER , FLAT	4
21	PAFZZ	5305-01-035-2479	19200	11826120	SCREW, MACHINE	4
22	PAFZZ	5315-01-435-8728	19200	12976846	PIN, HINGE UOC: BB2, BJ8, BN4, BT5.....	1

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER ASSEMBLY, M240/M240C, NSNA, PN 11826192; M240B, NSNA, PN 12976834;
M240D, NSNA PN 12977104; M240E1, NSNA, PN 12597044; M240H, NSNA, PN 13008744;
M240L, NSNA, PN 13016494; M240N, NSNA, PN 12999179 (cont)**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 (cont)						
FIGURE 14. RECEIVER ASSEMBLY, M240/M240C, PN 11826192; M240B, PN 12976834; M240D, PN 12977104; M240E1, PN 12597044; M240H, PN 13008744; M240L, PN 13016494; M240N, PN 12999179 (cont)						
23	PAFZZ	1005-01-441-5758	19200	12976843	COVER, EJECTION PORT UOC: BB2, BJ8, BN4, BT5	1
24	PAFZZ	5360-01-440-4914	19200	12976844	SPRING, HELICAL TORSION UOC: BB2, BJ8, BN4, BT5	1
25	PAFZZ	5340-01-440-3809	19200	12976845	PLUNGER UOC: BB2, BJ8, BN4, BT5	1
26	XAFDA		19200	11826080	RECEIVER BODY ASSEMBLY SEE FIG.15 FOR BRKDWN UOC: AGB, BB2, BC2, BN4, BJ8, G69, L04.....	1
26	XAFDA		19200	13016495	RECEIVER BODY ASSEMBLY SEE FIG 15 FOR BRKDWN UOC: BT5	1
27	PAFZZ	5315-01-409-0136	19200	12976850	PIN, SPRING UOC: BB2, BJ8, BT5	1
28	PAFZZ	5342-01-408-5435	19200	12976848	LATCH, BIPOD UOC: BB2, BJ8, BT5	1
29	PAFZZ	5360-01-408-5998	19200	12976849	SPRING, BODY LATCH UOC: BB2, BJ8, BT5	1
30	PAFZZ	5325-01-408-5439	19200	12976847	RING, SLING UOC: BB2, BC2, BJ8, BN4, BT5	1
31	AFFFF		19200	12997576	ACCESSORY RAIL ASSEMBLY SEE FIG. 15 FOR BRKDWN UOC: BB2, BN4, BT5	1
32	PAFZZ	5310-00-596-7691	96906	MS35335-32	...WASHER, LOCK, FLAT, EXTERNAL TOOTH UOC: BB2, BN4, BT5	8
33	PAFZZ	5305-01-505-5994	80205	NAS 1351N-3-36B	...SCREW, CAP UOC: BB2, BN4, BT5	2
34	PAFZZ	5970-01-486-3660	19200	12997575	...INSULATOR UOC: BB2, BN4, BT5	6
35	PAFZZ	1005-01-486-3661	19200	12997574	...RAIL UOC: BB2, BN4, BT5	2
36	PAFZZ	5305-01-500-6514	80205	NAS 1351N-3-9B	...SCREW, CAP UOC: BB2, BN4, BT5	6
37	PAFZZ	1005-01-489-5357	19200	12997573	...BODY UOC: BB2, BN4, BT5	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
RECEIVER BODY ASSEMBLY, M240, M240B, M240C, M240D, M240E1, M240H,
M240N NSNA, PN 11826080; M240L NSNA , PN 13016495**

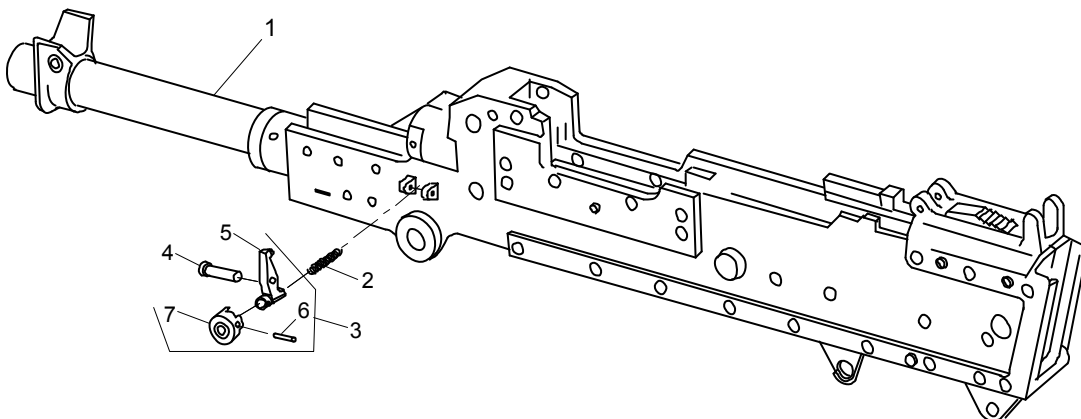


Figure 15. Receiver Body Assembly, M240, M240B, M240C, M240D, M240E1, M240H, M240N NSNA, PN 11826080; M240L NSNA , PN 13016495

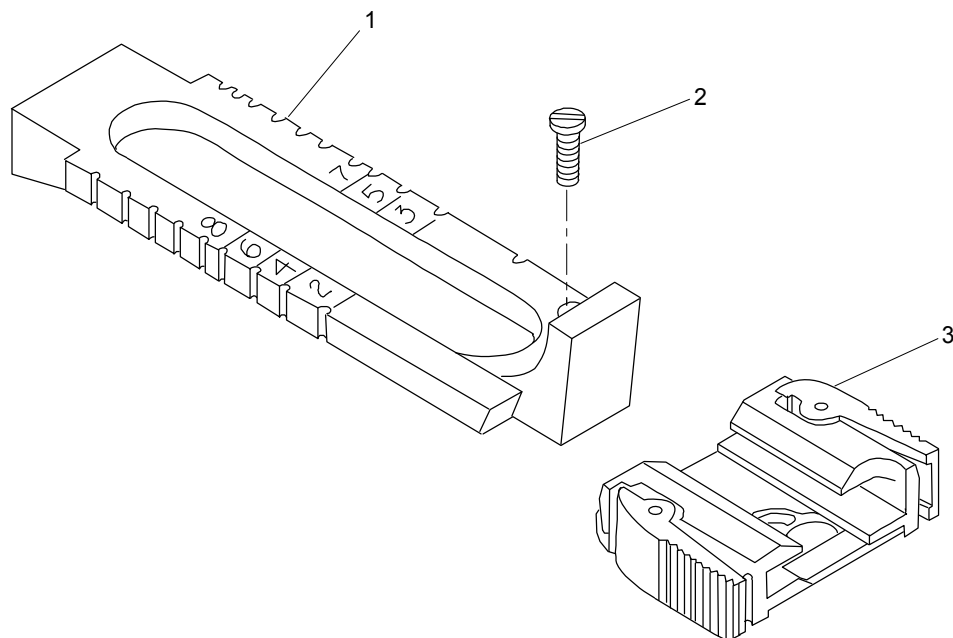
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0601						
FIGURE 15. RECEIVER BODY ASSEMBLY, M240, M240B, M240C, M240D, M240E1, M240H, M240N NSNA, PN 11826080; M240L NSNA, PN 13016495						
1	XAFDA		19200	11826081	RECEIVER ASSEMBLY, BODY UOC: AG8,BB2,BC2,BJ8,BN4,G69,L04.....	1
1	XAFDA		19200	13016496	RECEIVER ASSEMBLY, BODY UOC: BT5.....	1
2	PAFZZ PAOZZ*	5360-01-033-8884	19200	11826131	SPRING, HELICAL.....	1
3	PAFFF	1005-01-484-9927	19200	12997500	LATCH ASSEMBLY, BARREL.....	1
4	PAFZZ PAOZZ*	5315-01-033-3885	192 00	11826130	. PIN, GROOVED, HEADED.....	1
5	X AFZZ		19200	12997498	. LATCH, BARREL.....	1
6	PAFZZ	5315-00-812-1007	96906	MS39086-91	. PIN, SPRING, TUBULAR.....	1
7	PAFZZ	1005-01-489-5380	19200	12997499	. BUTTON, LATCH.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
REAR SIGHT ASSEMBLY, M240B/M240D/M240E1/M240H/M240L/M240N,
NSNA, PN 12597046**



1BL0325

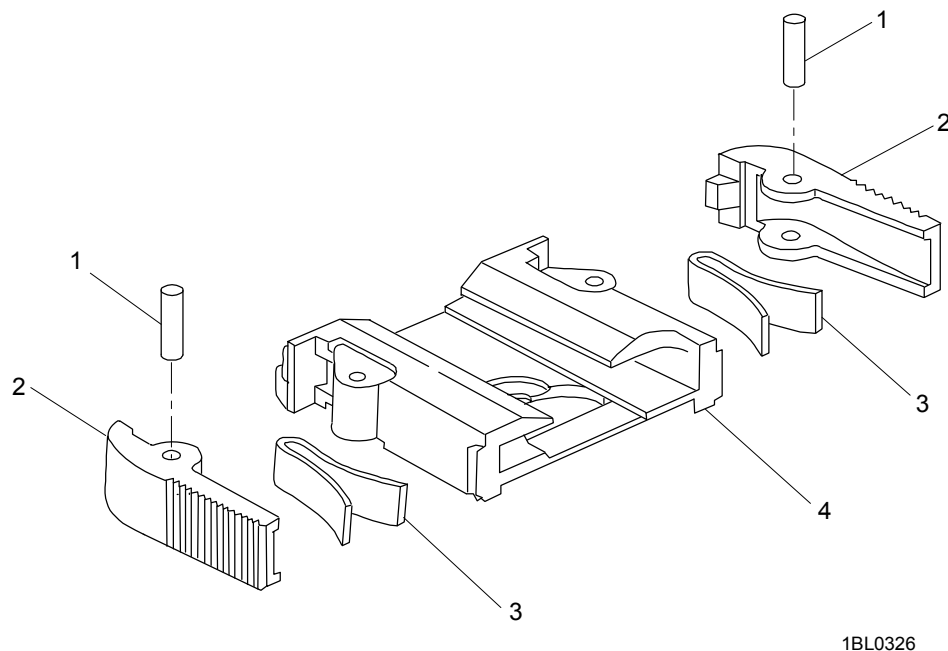
Figure 16. Rear Sight Assembly, PN 12597046

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0602						
FIGURE 16. REAR SIGHT ASSEMBLY, PN 12597046						
1	PAFZZ	1005-01-251-9691	19200	12597047	LEAF, REAR, SIGHT UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	1
2	PAFZZ	5305-01-251-9738	19200	12597053	SCREW, CAP, SOCKET HEAD SIGHT, LEAF UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	1
3	PAFFF	1005-01-251-9690	19200	12597048	SLIDE ASSEMBLY, REAR SIGHT SEE FIG. 17 FOR BRKDOWN UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
SLIDE ASSEMBLY, M240B/M240D/M240E1/M240H/M240L/M240N,
NSN 1005-01-251-9690, PN 12597048**



1BL0326

Figure 17. Slide Assembly, PN 12597048

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 060201						
FIGURE 17. SLIDE ASSEMBLY, PN 12597048						
1	PAFZZ	5315-01-251-9723	19200	12597052	PIN, STRAIGHT, HEADLESS UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	2
2	PAFZZ	1005-01-251-9700	19200	12597050	CATCH, REAR SIGHT UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	2
3	PAFZZ	5360-01-251-9699	19200	12597051	SPRING, CATCH UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	2
4	XAFZZ		19200	12597049	SLIDE, REAR SIGHT UOC: AG8,BB2,BC2,BJ8,BN4,BT5.....	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
BIPOD ASSEMBLY, M240B/M240G, NSN 1005-01-408-5905, PN 12976883**

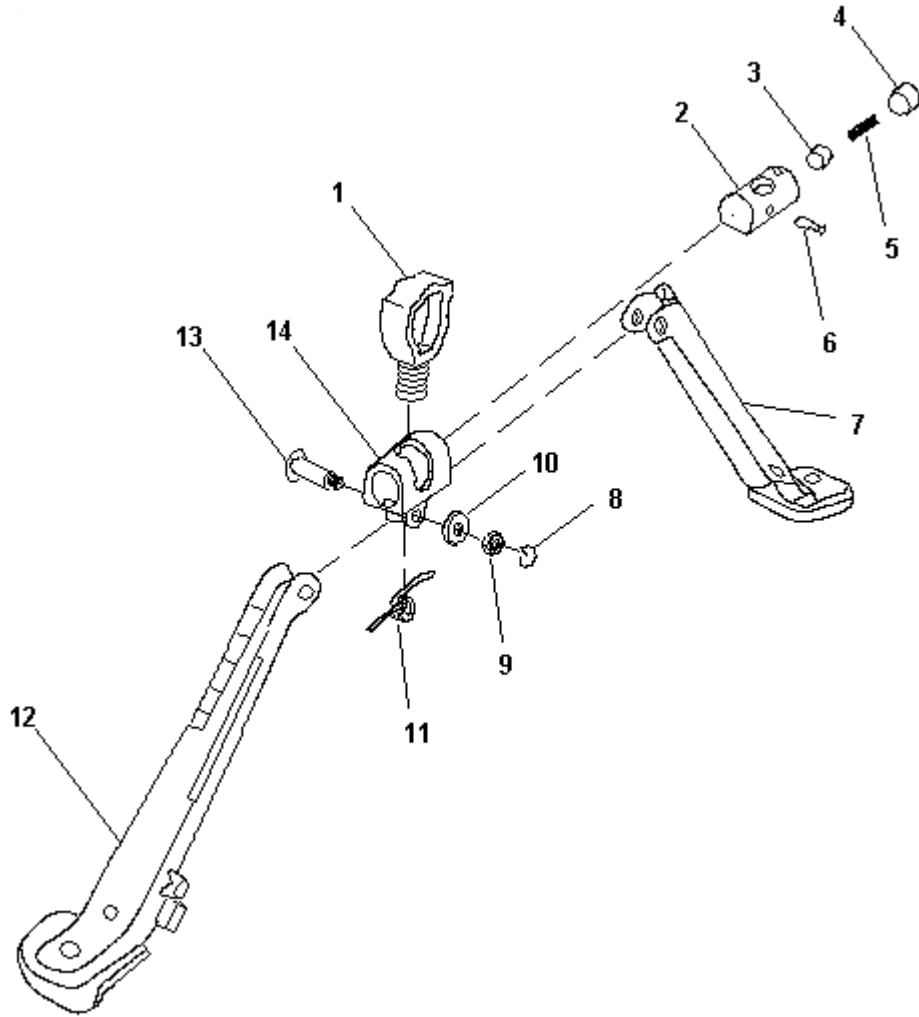


Figure 18. Bipod Assembly, M240B /M240G, PN 12976883

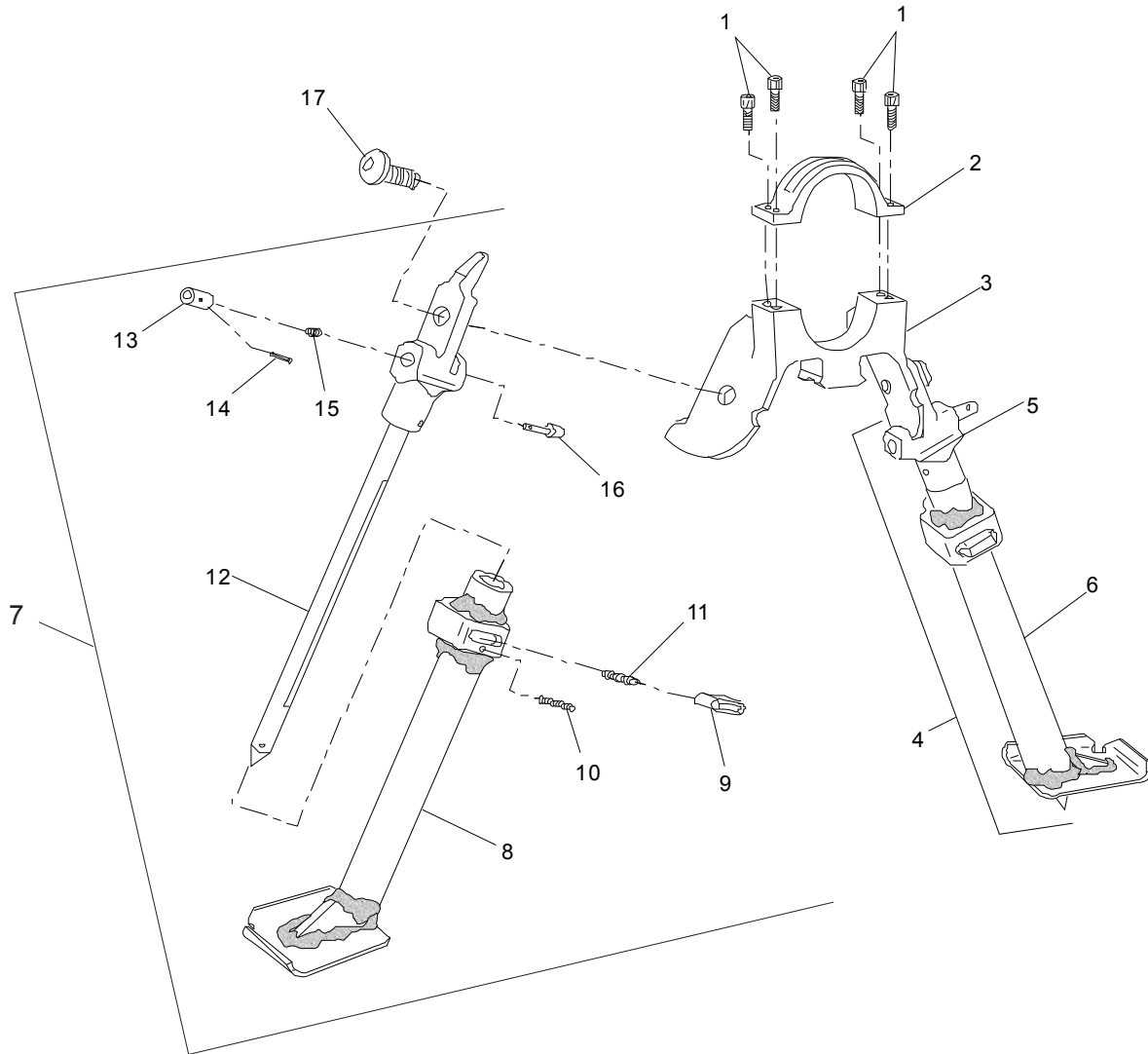
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0603						
FIGURE 18. BIPOD ASSEMBLY, M240B/M240G, PN 12976883;						
1 X	AFZZ XAOZZ*	192	00	12976900	HEAD, BIPOD UOC: BB2, BC6.....	1
2	PAFZZ PAOZZ*	1005-01-408-5437	192 00	12976903	CYLINDER, ACTUATING UOC: BB2, BC6.....	1
3	PAFZZ PAOZZ*	1005-01-408-5438	19200	12976901	PLUNGER, RETAINING, BIPOD UOC: BB2, BC6.....	1
4	PAFZZ PAOZZ*	5360-01-408-6000	19200	12976899	SPRING, HELICAL COMPRESSION UOC: BB2, BC6.....	1
5	PAFZZ PAOZZ*	5315-01-408-6676	19200	12976898	BUSHING, RETAINING HEAD PLUNGER UOC: BB2, BC6.....	1
6	PAFZZ PAOZZ*	5315-01-408-6413	19200	12976904	PIN, SPRING, TUBULAR, SLOTTED UOC: BB2, BC6.....	1
7	PAFZZ PAOZZ*	1005-01-408-6002	19200	12976884	LEG, RIGHT, ASSEMBLY UOC: BB2, BC6.....	1
8	PAFZZ PAOZZ*	5325-01-408-9050	19200	12976906	RING, AXIS PIN, LEG UOC: BB2, BC6.....	1
9	PAFZZ PAOZZ*	5310-01-408-9456	19200	12976907	NUT, AXIS PIN, LEG UOC: BB2, BC6.....	1
10	PAFZZ PAOZZ*	5310-01-408-9052	19200	12976908	WASHER, AXIS, PIN UOC: BB2, BC6.....	1
11	PAFZZ PAOZZ*	5360-01-408-6675	192 00	12976905	SPRING, LEG UOC: BB2, BC6.....	1
12	PAFZZ PAOZZ*	1005-01-408-6671	19200	12976894	LEG, LEFT, ASSEMBLY UOC: BB2, BC6.....	1
13	PAFZZ PAOZZ*	1005-01-408-6011	192 00	12976897	PIN, AXIS, LEG, BIPOD UOC: BB2, BC6.....	1
14	PAFZZ PAOZZ*	1005-01-408-6678	192 00	12976902	HEAD, HINGE, BODY BIPOD UOC: BB2, BC6.....	1

END OF FIGURE

*MARINE CORPS ONLY

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR
BIPOD ASSEMBLY, M240H, NSN 1005-01-522-0759, PN 13001481**



Only one leg show disassembled, parts are the same unless otherwise specified.

Figure 19. Bipod Assembly, M240H, PN 13001481

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0603						
FIGURE 19. BIPOD ASSEMBLY, M240H, PN 13013483						
1 X	AFZZ		19200	13001502 YOKE,	BIPOD	
					UOC: BN4	1
2	PAFFF	1005-01-522-0761	19200	13001482	LEG, LEFT ASSEMBLY	1
3	PAFFF	1005-01-522-0764	19200	13001491	. LEG, UPPER, LEFT	
					UOC: BN4	1
4 X	AFZZ		19200	13001483	. LEG, LOWER LEFT	
					UOC: BN4	1
5	PAFFF	1005-01-522-0767	19200	13001485	LEG, RIGHT ASSEMBLY	1
6 X	AFZZ		19200	13001486	. LEG, LOWER RIGHT	
					UOC: BN4	1
7	PAFZZ	1005-01-522-0762	19200	13001488	. LATCH	
					UOC: BN4	2
8	PAFZZ	5305-01-524-2975	96906	AN565A540H7	. SETSCREW	
					UOC: BN4	2
9	PAFZZ	5360-01-522-0763	19200	13001489	. SPRING, HELICAL COMP.	
					UOC: BN4	2
10	PAFFF	1005-01-522-0769	19200	13001487	. LEG, UPPER RIGHT	
					UOC: BN4	1
11 X	AFZZ				.. LEG ASSEMBLY	
					UOC: BN4	1
12	PAFZZ	5340-01-522-0765	19200	13001494	.. PLUNGER, DETENT	
					UOC: BN4	2
13	PAFZZ	5360-01-522-0766	19200	13001496	.. SPRING, HELICAL COMP.	
					UOC: BN4	2
14	PAFZZ	5315-01-114-2396	96906	NAS1407-5M5	.. PIN, SPRING	
					UOC: BN4	2
15	PAFZZ	1005-01-522-0768	19200	13001495	.. CAP, DETENT	
					UOC: BN4	2
16	PAFZZ	5305-01-563-5472	19200	13013482	SCREW , SHOULDER	
					UOC: BN4	2
17	PAFZZ	5305-00-245-8825	80205	MS16228-4C	NUT, SELF-LOCKING	
					UOC: BN4	2

END OF FIGURE

END OF WORK PACKAGE

BULK MATERIAL

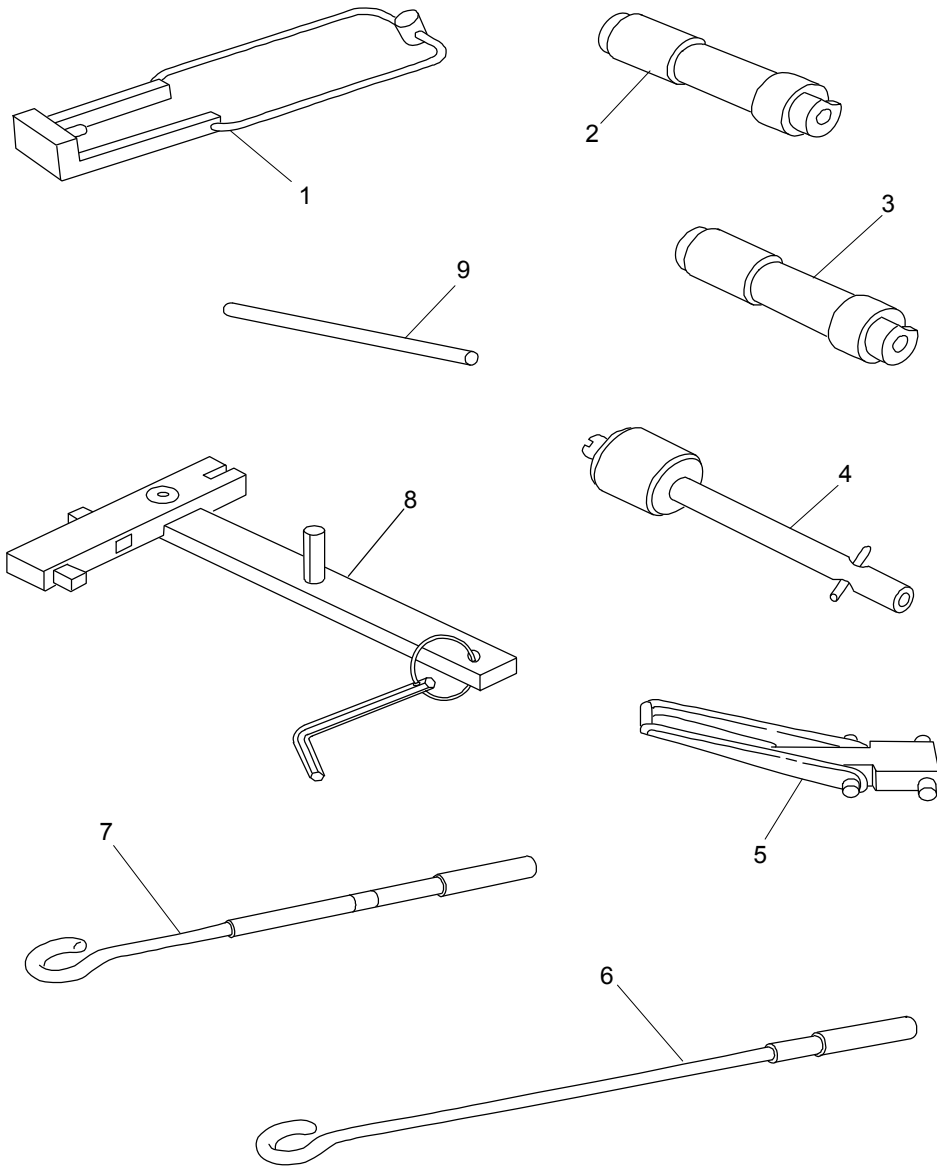
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 9900						
FIGURE BULK ITEMS						
1	PAFZZ	4720-01-156-0549	11862	9439046	TUBING, NON-METALLIC	V
2	PAFZZ	9525-00-995-3177	7X677	MS9226-04	WIRE, STEEL, CRES., SAFETY.....	V

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR SPECIAL TOOLS LIST
M240 SERIES**

Group 9500. Special Tools List.



1BL0328

Figure 20. Special Tools List

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 9500						
FIGURE 20. SPECIAL TOOLS LIST						
1 PAFZZ		4933-01-038-7179	19200	11826076	TOOL, REMOVING, EJECTOR BOI: 1 PER GUN AT FIELD (SERVICE) 2 PER FIELD SHOP	
2 PAFZZ		5220-01-043-8211	19200	11826299	GAGE, HEADSPACE BOI: 2 PER FIELD	
3 PAFZZ		5220-01-043-8212	19200	11826274	GAGE, HEADSPACE BOI: 2 PER FIELD	
4 PAFZZ		4933-01-043-9450	19200	11826304	GAGE, FIRING PIN PROTRUSION BOI: 2 PER FIELD	
5 PAFZZ		4933-01-038-7183	19200	11826077	TOOL, DISASSEMBLY, COVER BOI: 2 PER FIELD	
6 PAFZZ		5220-01-082-5564	19200	11826276	GAGE, MUZZLE AND BREECHBORE WEAR BOI: 2 PER FIELD	
7 PAFZZ		5210-01-082-1714	19200	11826298	GAGE, BREECHBORE, MACHINE EROSION BOI: 2 PER FIELD	
8 PAFZZ		1005-01-458-7004	19200	12012086	ADJUSTING TOOL, COMB. FRONT SIGHT BOI: 1 PER GUN AT FIELD (SERVICE) 2 PER FIELD SHOP	
9 PAFZZ		1005-01-512-9284	19200	13002076	UOC: AG8,BB2,BC2,BJ8,BN4,BT5 TOOL, EROSION, GAS PORT BOI: 2 PER ARMS ROOM 2 PER FIELD	

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE FOR BASIC ISSUE ITEMS
CASE, SPARE BARREL, NSN 1005-01-470-3006, PN 12991853**

Basic Issue Items List.

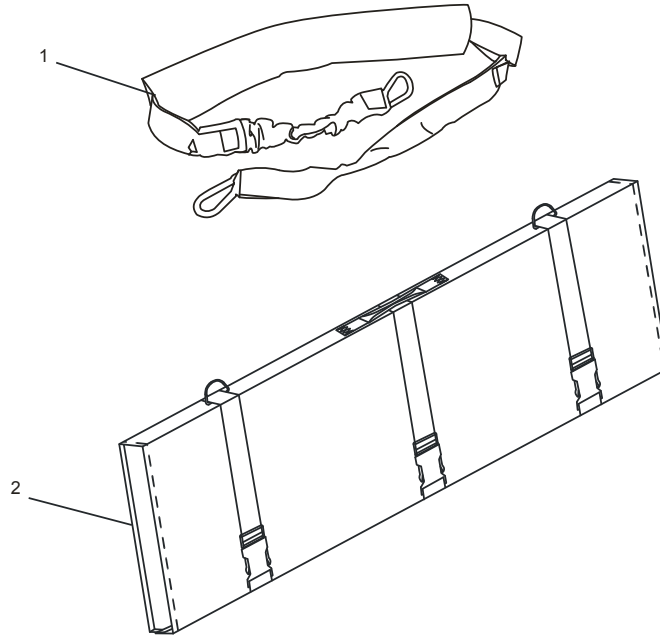


Figure 21. Case, Spare Barrel, PN 13013655

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP BASIC ISSUE ITEMS						
FIGURE 21. BASIC ISSUE ITEMS						
1	PAF	ZZ	1005-01-526-8280	19200	13017802	SLING UOC: BB2, BN4..... 1
2	X	AFZZ		19200	13017807	CASE, SPARE BARREL UOC: BB2, BN4..... 1

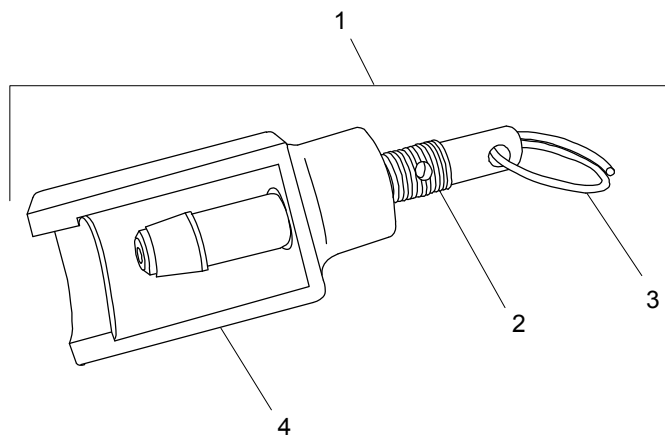
END OF FIGURE

NPN - NO PART NUMBER

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL AUTHORIZATION EQUIPMENT
M24 BLANK FIRING ATTACHMENT, NSN 1005-01-480-0289, PN 12993733**

Additional Authorization List.



1BL0329

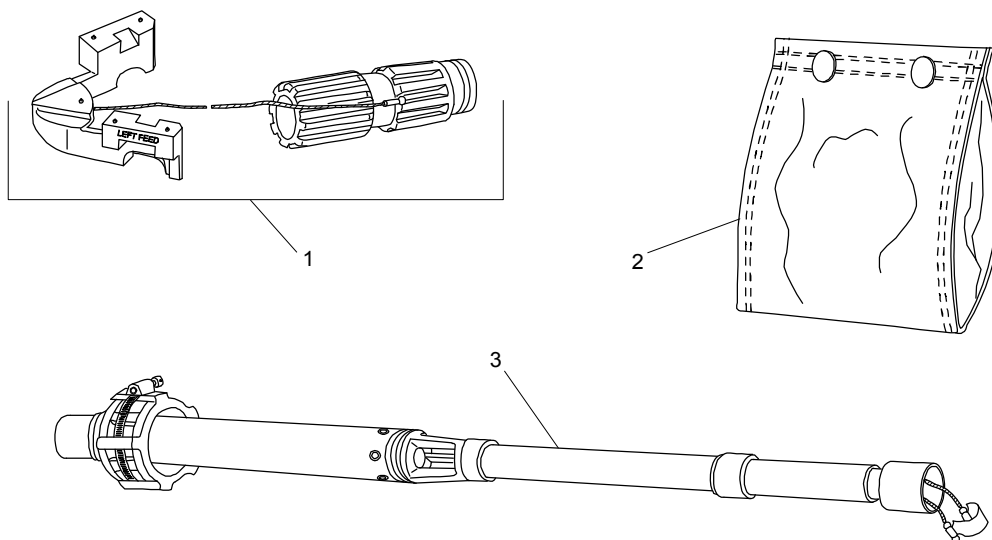
**Figure 22. Additional Authorized Equipment,
M24 Blank Firing Attachment**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP ADDITIONAL AUTHORIZED EQUIPMENT	
					FIGURE 22. M24 BLANK FIRING ATTACHMENT, PN 12993733	
1	PAFFF	1005-01-480-0289	19200	12993733	M24 BLANK FIRING ATTACHMENT UOC: BB2, BC2, BJ8, BN4, BT5.....	1
2	PAF	5340-01-481-8127	19200	12993735	. SHAFT UOC: BB2, BC2, BJ8, BN4, BT5.....	1
3	PAF	5325-01-480-6849	19203	7548584	. RING, PULL UOC: BB2, BC2, BJ8, BN4, BT5.....	1
4	X	AFZZ	19200	12993734	. BODY UOC: BB2, BC2, BJ8, BN4, BT5.....	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL AUTHORIZATION EQUIPMENT
BLANK FIRING ATTACHMENT, M21, NSN NA, PN 11833471**



1BL0348

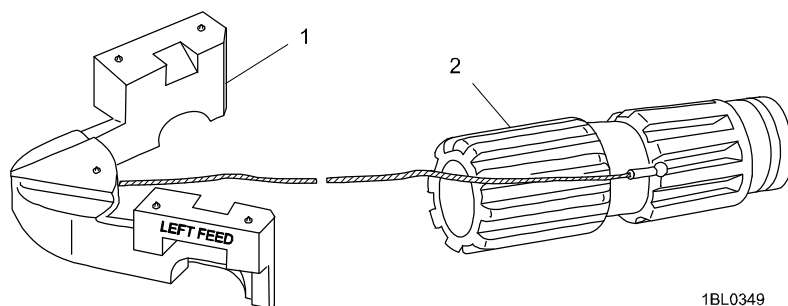
**Figure 23. Additional Authorized Equipment,
Blank Firing Attachment, M21, PN 11833471**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
FIGURE 23. BLANK FIRING ATTACHMENT, M21, PN 11833471						
1	PAFFF	1005-01-142-2841	19200	11833460	CHAMBER AND DISCRIMINATOR ASSEMBLY SEE FIG. 22 FOR BRKDOWN UOC: AG8, G69, L04	1
2	PAFZZ	8105-01-147-9841	19200	11833468	BAG, ORDNANCE, WEAPON SPARE PARTS UOC: AG8, G69, L04	1
3	PAFFF	1005-01-218-0693	19200	11833475	ADAPTER, FIRING, ATTACHMENT, M1/M1A1 SEE FIG. 24 FOR BRKDOWN UOC: G69	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL AUTHORIZED EQUIPMENT,
CHAMBER AND DISCRIMINATOR ASSEMBLY, NSN 1005-01-142-2841, PN 11833460**



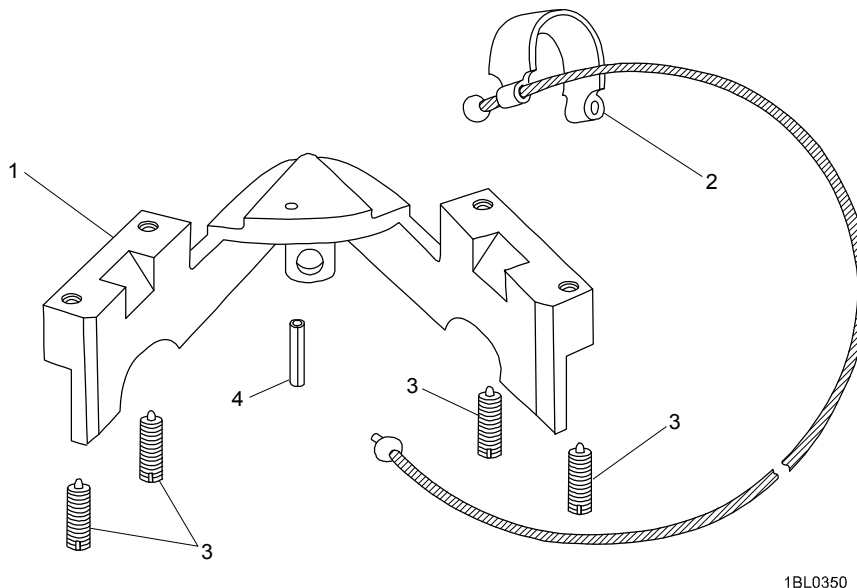
**Figure 24. Additional Authorized Equipment,
Chamber and Discriminator Assembly, PN 11833460**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP ADDITIONAL AUTHORIZED EQUIPMENT	
					FIGURE 24. CHAMBER AND DISCRIMINATOR ASSEMBLY, PN 11833460	
1 X	AFFF		19200	11833472	DISCRIMINATOR ASSEMBLY SEE FIG. 23 FOR BRKDOWN UOC: AG8, G69, L04	1
2 PAF	ZZ	1005-01-544-1698	19200	11833464	CHAMBER UOC: AG8, G69, L04	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL AUTHORIZED EQUIPMENT,
DISCRIMINATOR ASSEMBLY, NSN NA, PN 11833472**



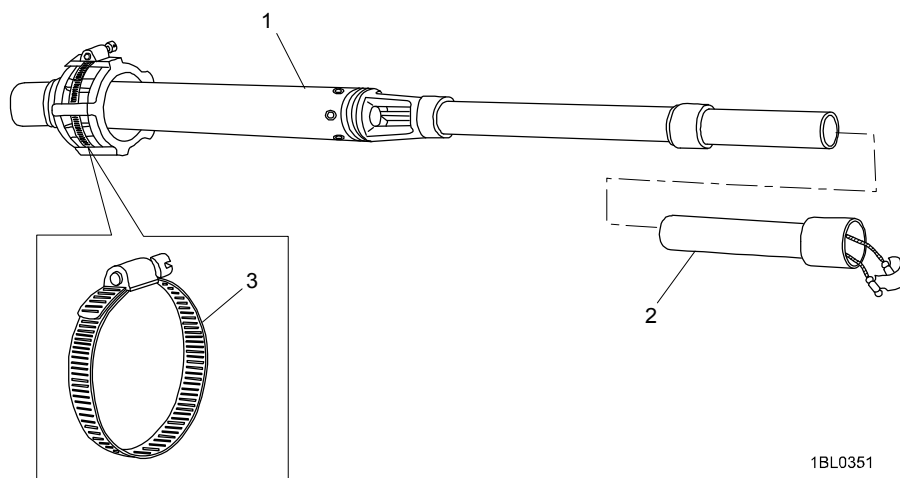
**Figure 25. Additional Authorized Equipment,
Discriminator Assembly, PN 11833472**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP ADDITIONAL AUTHORIZED EQUIPMENT						
FIGURE 25. DISCRIMINATOR ASSEMBLY, PN 11833472						
1 X	AFZZ		19200	11833463	DISCRIMINATOR UOC: AG8, G69, L04	1
2	PAFZZ	4010-01-171-4833	19200	11833467	WIRE ROPE ASSEMBLY, SINGLE LEG UOC: AG8, G69, L04	1
3	PAFZZ	5340-00-932-1790	01226	M50N	PLUNGER, QUICK RELEASE UOC: AG8, G69, L04	4
4	PAFZZ	5315-00-881-2253	80205	MS16562-221	PIN UOC: AG8, G69, L04	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL AUTHORIZED EQUIPMENT,
ADAPTER, NSN 1005-01-218-0693, PN 11833475**



1BL0351

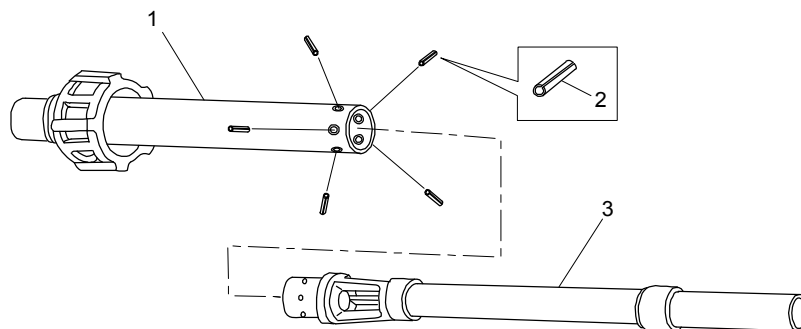
**Figure 26. Additional Authorized Equipment,
Adapter, PN 11833475**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP ADDITIONAL AUTHORIZED EQUIPMENT	
					FIGURE 26. ADAPTER, PN 11833475	
1	PAFFF	1005-01-217-1193	19200	11833481 EX	TENSION ASSEMBLY SEE FIG. 25 FOR BRKDOWN UOC: G69	1
2	PAFFF	1005-01-217-1191	19200	11833476	COUPLER ASSEMBLY SEE FIG. 26 FOR BRKDOWN UOC: G69	1
3	PAFZZ	4730-00-908-6293	06481 T	-218758	CLAMP, HOSE UOC: G69	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL AUTHORIZED EQUIPMENT,
EXTENSION ASSEMBLY, NSN 1005-01-217-1193, PN 11833481**



1BL0352

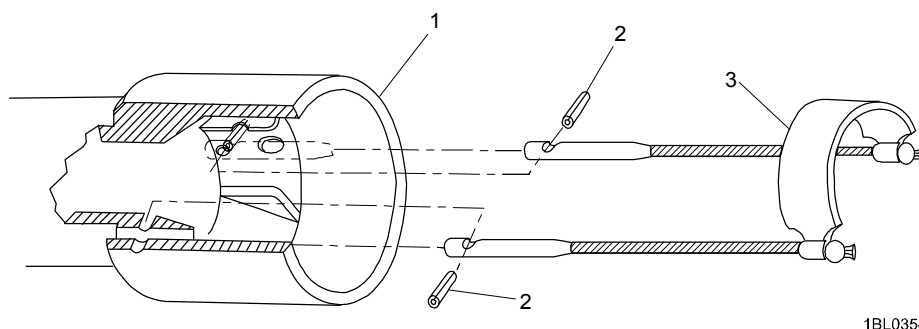
**Figure 27. Additional Authorized Equipment,
Extension Assembly, PN 11833481**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP ADDITIONAL AUTHORIZED EQUIPMENT	
					FIGURE 27. EXTENSION ASSEMBLY, PN 11833481	
1 X	AFZZ		19200	11833488	TUBE ASSEMBLY, FORWARD UOC: G69	1
2	PAFZZ	5315-00-598-6435	96906	MS171646	PIN, SPRING UOC: G69	5
3	XAFZZ		19200	11833484	TUBE ASSEMBLY, REAR UOC: G69	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR ADDITIONAL AUTHORIZED EQUIPMENT,
COUPLER ASSEMBLY, NSN 1005-01-217-1191, PN 11833476**



**Figure 28. Additional Authorized Equipment,
Coupler Assembly, PN 11833476**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP ADDITIONAL AUTHORIZED EQUIPMENT	
					FIGURE 28. COUPLER ASSEMBLY, PN 11833476	
1 X	AFZZ		19200	11833477	COUPLER UOC: G69	1
2	PAFZZ	5315-00-846-2141	96906	MS39086-127	PIN, SPRING UOC: G69	2
3	PAFZZ	4010-01-217-1192	19200	11833478	HARNESS ASSEMBLY UOC: G69	1

END OF FIGURE

END OF WORK PACKAGE

**FIELD MAINTENANCE REPAIR PARTS LIST FOR COMPONENT OF END ITEM,
ADAPTER ASSEMBLY, AMMO, NSN 1005-01-431-8324,PN 12976909**

Component of End Item List.

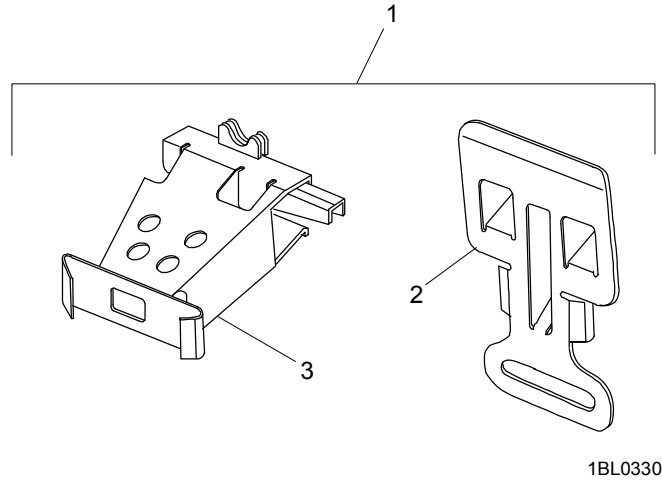


Figure 29. Component of End Item, Adapter Assembly, Ammo, PN 12976909

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP COMPONENT OF END ITEM						
FIGURE 29. ADAPTER ASSEMBLY, AMMO, PN 12976909						
1	PAFFF	1005-01-431-8324	19200	12976909	ADAPTER ASSEMBLY, AMMO UOC: BB2, BT5.....	1
2	PAFZZ	1005-01-431-8325	19200	12976915	BRACKET, AMMO UOC: BB2, BT5.....	1
3	X AFZZ		19200	12976910	ASSEMBLY, BANDOLIER UOC: BB2, BT5.....	1

END OF FIGURE

END OF WORK PACKAGE

CROSS REFERENCE INDEX – NATIONAL STOCK NUMBER

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>	<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
5310-00-020-3260	11	5	1005-01-033-1505	5	3
5310-00-036-6770	10	11	1005-01-033-1516	12	11
5315-00-058-6044	14	6	1005-01-033-1523	7	2
5305-00-068-0502	10.1	10	1005-01-033-1524	10	2
5315-00-181-6984	14	13	1005-01-033-1525	8	1
5310-00-209-0786	10.1	9	1005-01-033-1526	10	1
5305-00-245-8825	19	17	1005-01-033-1528	10	9
5315-00-410-4853	3	1	5360-01-033-1535	10	14
5305-00-500-9394	5	18	10.1		3
5315-00-515-2854	5	17	1005-01-033-3629	14	8
5310-00-596-7691	14	32	1005-01-033-3646	10	6
5315-00-598-6435	27	2	5310-01-033-3851	5	7
5340-00-600-8937	5	19	5315-01-033-3885	15	4
5315-00-710-2735	2	4	5315-01-033-3886	5	2
1005-00-726-5561	5	22	6		8
5315-00-731-2517	5	20	5315-01-033-3887	8	4
5315-00-806-0213	5	12	5315-01-033-3888	1	13
6		7	5315-01-033-3889	14	5
5315-00-812-1007	15	6	5315-01-033-3890	10	12
5315-00-832-4132	5	8	10.1		4
5315-00-836-0643	14	1	1005-01-033-3897	12	6
5315-00-846-2141	28	2	5315-01-033-3898	12	1
5315-00-849-5579	14	3	1005-01-033-3899	2	8
5315-00-881-2253	25	4	1005-01-033-3900	2	6
4730-00-908-6293	26	3	1005-01-033-3901	7	5
1005-00-918-2617	5	21	5340-01-033-3909	5	11
5340-00-932-1790	25	3	6		6
5310-00-956-4549	10	4	5340-01-033-3910	14	11
9525-00-995-3177	BULK	2	5360-01-033-3926	5	10
1005-01-032-8142	8	7	6		5
1005-01-032-8143	1	6	5325-01-033-3927	12	2
1005-01-032-8145	14	14	5365-01-033-3931	5	6
5340-01-032-8146	2	5	1005-01-033-4538	8	5
5340-01-032-8147	5	9	5340-01-033-6597	12	7
5342-01-032-8148	12	9	5340-01-033-6598	12	8
1005-01-032-8149	5	4	1005-01-033-8328	10	8
1005-01-032-8150	5	5	5310-01-033-8380	14	20
1005-01-032-8152	2	2	5360-01-033-8385	12	4
1005-01-032-8154	12	12	5315-01-033-8872	12	5
5340-01-033-1484	14	19	5315-01-033-8873	7	4
1005-01-033-1501	12	3	5360-01-033-8884	15	2
1005-01-033-1502	10	5	5360-01-033-8885	8	2

CROSS REFERENCE INDEX – NATIONAL STOCK NUMBER

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>	<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
1005-01-033-9410	8	3	1005-01-218-0693	23	3
5315-01-034-1583	10	13	1005-01-251-9687	3	5
1005-01-034-1617	14	2	5360-01-251-9688	3	4
5360-01-034-1639	14	10	1005-01-251-9689	14	16
1005-01-034-4113	10	3	1005-01-251-9690	16	3
5360-01-034-4114	13	1	1005-01-251-9691	16	1
5360-01-034-4115	14	4	1005-01-251-9692	1	11
1005-01-034-6503	2	7	5340-01-251-9695	5	9
5315-01-035-0827	1	14	1005-01-251-9696	10	7
1005-01-035-0829	1	23	1005-01-251-9697	11	2
5360-01-035-0838	13	2	1005-01-251-9698	11	1
5305-01-035-2479	14	21	5360-01-251-9699	17	3
1005-01-036-7160	2	9	1005-01-251-9700	17	2
5315-01-037-5586	7	3	1005-01-251-9701	1	4
4933-01-038-7179	20	1	2		1
4933-01-038-7183	20	5	5315-01-251-9722	14	18
5220-01-043-8211	20	2	5315-01-251-9723	17	1
5220-01-043-8212	20	3	5360-01-251-9724	14	17
4933-01-043-9450	20	4	5360-01-251-9725	5	14
1005-01-044-1026	1	1	5360-01-251-9726	11	3
2		10	5340-01-251-9729	3	3
5210-01-082-1714	20	7	5305-01-251-9731	2	12
5220-01-082-5564	20	6	5310-01-251-9734	11	6
1005-01-090-8050	12	6	5305-01-251-9738	16	2
5315-01-090-8051	12	1	5355-01-251-9755	14	12
1005-01-090-8052	12	10	1005-01-251-9757	2	13
1005-01-090-8120	12	12	1005-01-255-4232	3	2
1005-01-090-8121	12	11	1005-01-255-4233	3	2
1005-01-091-0682	12	3	1005-01-257-9253	1	12
1005-01-091-0683	1	7	5315-01-276-5877	14	9
5315-01-114-2396	19	14	1005-01-394-1928	1	25
5325-01-121-8093	5	15	1030-01-408-3578	2	17
3120-01-127-8980	9	2	1005-01-408-3585	2	18
5360-01-133-8874	9	3	1005-01-408-3590	4	2
1005-01-142-2841	23	1	5310-01-408-3593	4	3
8105-01-147-9841	23	2	1005-01-408-3594	6	4
4720-01-156-0549	BULK	1	1005-01-408-4361	10	18
5315-01-158-7862	9	4	10.1		1
4010-01-171-4833	25	2	1005-01-408-4600	10	20
5306-01-192-0677	10	10	5305-01-408-4890	6	1
1005-01-217-1191	26	2	5305-01-408-4953	10	21
4010-01-217-1192	28	3	1005-01-408-5416	10	22
1005-01-217-1193	26	1	1005-01-408-5417	6	2

CROSS REFERENCE INDEX – NATIONAL STOCK NUMBER

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>	<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
1005-01-408-5419	2	20	5305-01-461-0327	6	12
5342-01-408-5435	14	28	1005-01-461-2658	1	10
1005-01-408-5437	18	2	5355-01-464-1091	14	12
1005-01-408-5438	18	3	1005-01-472-8350	6	9
5325-01-408-5439	14	30	1005-01-480-0289	22	1
1005-01-408-5897	1	5	5325-01-480-6849	22	3
2		16	5340-01-481-8127	22	2
1005-01-408-5905	1	27	1005-01-484-9927	15	3
5360-01-408-5998	14	29	5970-01-486-3660	14	34
5360-01-408-6000	18	5	1005-01-486-3661	14	35
1005-01-408-6002	18	7	1005-01-489-5357	14	37
1005-01-408-6011	18	13	1005-01-489-5380	15	7
5315-01-408-6413	18	6	5315-01-497-0126	14	7
1005-01-408-6669	1	24	5305-01-500-6514	14	36
1005-01-408-6671	18	12	5305-01-505-5994	14	33
5360-01-408-6675	18	11	1005-01-512-6424	2	8
5315-01-408-6676	18	4	1005-01-512-9284	20	9
1005-01-408-6678	18	14	1005-01-522-0758	14	12
5325-01-408-9050	18	8	1005-01-522-0760	1	30
5310-01-408-9052	18	10	1005-01-522-0761	19	2
5310-01-408-9456	18	9	1005-01-522-0762	19	7
5315-01-409-0136	14	27	5360-01-522-0763	19	9
5315-01-409-0142	2	21	1005-01-522-0764	19	3
1005-01-409-0143	14	8	5340-01-522-0765	19	12
1005-01-409-0144	10	19	5360-01-522-0766	19	13
10.1		2	1005-01-522-0767	19	5
1005-01-410-8498	10	16	1005-01-522-0768	19	15
1005-01-410-8544	10	15	1005-01-522-0769	19	10
5360-01-410-9257	2	19	1005-01-522-4817	1	3
1005-01-413-6992	7	5	2		16
1005-01-431-0664	2	15	5305-01-522-8055	1	29
1005-01-431-8324	29	1	1005-01-524-2427	2	16
1005-01-431-8325	29	2	5305-01-524-2975	19	8
1005-01-432-9538	12	10	1005-01-524-7773	10	1
5315-01-435-8728	14	22	1005-01-525-5050	1	25
5340-01-440-3809	14	25	1005-01-526-8280	21	1
5360-01-440-4914	14	24	1005-01-544-1698	24	2
1005-01-440-8010	1	26	1005-01-549-8488	5	16
1005-01-441-5758	14	23	1005-01-549-8493	10.1	8
1005-01-453-9051	6	3	1005-01-549-8495	10.1	7
1005-01-458-7004	20	8			
5315-01-460-3383	14	9	1005-01-549-8497	1	16
1005-01-461-0326	6	11	5315-01-549-8499	4.1	1

CROSS REFERENCE INDEX – NATIONAL STOCK NUMBER

<u>NATIONAL STOCK NUMBER</u>	<u>FIGURE</u>	<u>ITEM</u>
5340-01-550-1620 10.1		5
5315-01-550-1623 4.1		3
1005-01-550-1628 2		18
5315-01-550-2774 10.1		6
5315-01-550-2775 5		13
5315-01-550-2777 10.1		13
1005-01-551-5420 10.1		11
5315-01-553-0682 10.1		12
1005-01-561-3292 2		17
5305-01-563-5472 19		16
1005-01-565-2588 4.1		2
1005-01-565-6692 1		28
5360-13-110-9364 8		6

CROSS REFERENCE LIST – PART NUMBER

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
AN565A540H7 5305	-01-524-2975	96906	19	8
M50N 5340	-00-932-1790	01226	25	3
MS15795-814B 5310	-00-036-6770	80205	10	11
MS16228-4C 5305	-00-245-8825	80205	19	17
MS16562-106 5315	-00-058-6044	80205	14	6
MS16562-122 5315	-00-710-2735	80205	2	4
MS16562-221 5315	-00-881-2253	80205	25	4
MS171475 5315	-00-806-0213	96906	5	12
			6	16
MS171526 5315	-00-881-2253	96906	25	4
MS171646 5315	-00-598-6435	96906	27	2
MS21083C5 5310	-00-020-3260	96906	11	5
MS21083C6 5310	-00-956-4549	96906	10	4
MS24665-437 5315	-00-849-5579	80205	14	3
MS3215-4025 5325	-01-121-8093	96906	5	15
MS35335-32 5310	-00-596-7691	96906	14	32
MS35335-33 5310	-00-209-0786	96906	10.1	9
MS35842-15 4730	-00-908-6293	96906	26	3
MS39086-91 5315	-00-812-1007	96906	15	6
MS39086-147 5315	-00-832-4132	96906	5	8
MS39086-205 5315	-00-836-0643	96906	14	1
MS39086-406 5315	-01-276-5877	96906	14	9
MS39086-127 5315	-00-846-2141	96906	28	2
MS51923-152 5315	-00-410-4853	80205	3	1
MS90725-6 5305	-00-068-0502	80205	10.1	10
MS9226-04 9525	-00-995-3177	96906	BULK	2
			4	4
MS9286-24 5306	-01-192-0677	96906	10	10
NAS 1351N-3-9B	5305-01-500-6514	80205	14	36
NAS 1351N-3-36B	5305-01-505-5994	80205	14	33
NAS1352-3LB8B	5305-01-522-8055 8020	5	1	29
NAS1407-5M5 5315	-01-114-2396	96906	19	14
T-218758 4730	-00-908-6293	06481	26	3
11825982		19200	13	3
11825985 1005	-01-044-1026	19200	1	1
			2	10
11825986		19200	2	3
11825992 1005	-01-036-7160	19200	2	9
11825997 1005	-01-034-6503	19200	2	7
11825999 5340	-01-032-8146	19200	2	5
11826001 1005	-01-033-3900	19200	2	6
11826002 1005	-01-032-8152	19200	2	2
11826003 1005	-01-033-3899	19200	2	8

CROSS REFERENCE LIST – PART NUMBER (cont)

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
11826006 1005	-01-032-8143	19200	1	6
11826017 1005	-01-091-0682	19200	12	3
11826018 5315	-01-090-8051	19200	12	1
11826020 1005	-01-091-0683	19200	1	7
11826022 1005	-01-090-8052	19200	12	10
11826023 1005	-01-090-8120	19200	12	12
11826024 1005	-01-035-0829	19200	1	23
11826035 1005	-01-090-8121	19200	12	11
11826038		19200	1	8
11826039 1005	-01-090-8050	19200	12	6
11826040 1005	-01-033-9410	19200	8	3
11826041		19200	9	1
11826042 3120	-01-127-8980	19200	9	2
11826046 5360	-01-133-8874	19200	9	3
11826047 5315	-01-158-7862	19200	9	4
11826054 5315	-01-037-5586	19200	7	3
11826057		19200	7	1
11826060 1005	-01-033-4538	19200	8	5
11826061 1005	-01-032-8142	19200	8	7
11826062 5360	-13-110-9364	19200	8	6
11826065 1005	-01-033-1523	19200	7	2
11826067 1005	-01-033-1525	19200	8	1
11826068-1 5315	-01-033-8873	19200	7	4
11826068-2 5315	-01-033-3889	19200	14	5
11826068-3 5315	-01-033-3887	19200	8	4
11826069 5360	-01-033-8885	19200	8	2
11826070		19200	1	22
11826072 1005	-01-033-3901	19200	7	5
11826076 4933	-01-038-7179	19200	20	1
11826077 4933	-01-038-7183	19200	20	5
11826080		19200	14	26
11826081		19200	15	1
11826120 5305	-01-035-2479	19200	14	21
11826121 5310	-01-033-8380	19200	14	20
11826122 5340	-01-033-1484	19200	14	19
11826130 5315	-01-033-3885	19200	15	4
11826131 5360	-01-033-8884	19200	15	2
11826135 1005	-01-033-3629	19200	14	8
11826145 1005	-01-032-8145	19200	14	14
11826152		19200	5	1
11826153 1005	-01-034-1617	19200	14	2

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
11826155 5360	-01-034-4115	19200	14	4
11826156 5340	-01-033-3910	19200	14	11
11826158 5360	-01-034-1639	19200	14	10
11826160 5315	-01-033-3888	19200	1	13
11826177 1005	-01-033-1501	19200	12	3
11826182 5360	-01-035-0838	19200	13	2
11826189 5360	-01-034-4114	19200	13	1
11826191		19200	13	3
11826192		19200	1	15
11826200 5325	-01-033-3927	19200	12	2
11826201 5360	-01-033-8385	19200	12	4
11826202 5315	-01-033-8872	19200	12	5
11826203 5340	-01-033-6598	19200	12	8
11826204 5340	-01-033-6597	19200	12	7
11826205 5315	-01-033-3898	19200	12	1
11826206 5342	-01-032-8148	19200	12	9
11826207 1005	-01-033-1516	19200	12	11
11826208 1005	-01-032-8154	19200	12	12
11826209 1005	-01-033-3897	19200	12	6
11826211 1005	-01-257-9253	19200	1	12
11826213 5340	-01-032-8147	19200	5	9
11826214 5360	-01-033-3926	19200	5	10
			6	5
11826215 5340	-01-033-3909	19200	5	11
			6	6
11826216 5315	-01-033-3886	19200	5	2
			6	8
11826218 1005	-01-033-1505	19200	5	3
			6	2
11826219 1005	-01-032-8149	19200	5	4
			6	3
11826220 1005	-01-032-8150	19200	5	5
			6	4
11826221 5310	-01-033-3851	19200	5	7
			6	6
11826222 5365	-01-033-3931	19200	5	6
			6	5
11826230 1005	-01-440-8010	19200	1	26
11826231 1005	-01-033-3646	19200	10	6
11826232-1 1005	-01-033-1528	19200	10	9
11826232-2 1005	-01-034-4113	19200	10	3
11826234 1005	-01-033-1502	19200	10	5
11826240 1005	-01-033-1526	19200	10	1
11826250 5315	-01-034-1583	19200	10	13

CROSS REFERENCE LIST – PART NUMBER (cont)

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
11826304 4933	-01-043-9450	19200	20	4
11833460 1005	-01-142-2841	19200	23	1
11833463		19200	25	1
11833464 1005	-01-544-1698	19200	24	2
11833467 4010	-01-171-4833	19200	25	2
11833468 8105	-01-147-9841	19200	23	2
11833472		19200	24	1
11833473 5340	-00-932-1790	19200	25	3
11833475 1005	-01-218-0693	19200	23	3
11833476 1005	-01-217-1191	19200	26	2
11833477		19200	28	1
11833478 4010	-01-217-1192	19200	28	3
11833481 1005	-01-217-1193	19200	26	1
11833484		19200	27	3
11833488		19200	27	1
12012086 1005	-01-458-7004	19200	20	8
12597035 1005	-01-251-9701	19200	1	4
			2	1
12597036 1005	-01-251-9757	19200	2	13
12597038		19200	2	11
12597039 1005	-01-251-9687	19200	3	5
12597040-1 1005	-01-255-4233	19200	3	2
12597040-2 1005	-01-255-4232	19200	3	2
12597041 5340	-01-251-9729	19200	3	3
12597042 5360	-01-251-9688	19200	3	4
12597043 5305	-01-251-9731	19200	2	12
12597044		19200	1	16
12597045 5355	-01-251-9755	19200	14	12
12597046		19200	14	15
12597047 1005	-01-251-9691	19200	16	1
12597048 1005	-01-251-9690	19200	16	3
12597049		19200	17	4
12597050 1005	-01-251-9700	19200	17	2
12597051 5360	-01-251-9699	19200	17	3
12597052 5315	-01-251-9723	19200	17	1
12597053 5305	-01-251-9738	19200	16	2
12597054 5360	-01-251-9724	19200	14	17
12597055 1005	-01-251-9689	19200	14	16
12597056 5315	-01-251-9722	19200	14	18
12597057 1005	-01-251-9692	19200	1	11
12597058		19200	5	1
12597062 5340	-01-251-9695	19200	5	9
12597063 1005	-01-251-9694	19200	5	16

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
12597051 5360	-01-251-9699	19200	17	3
12597052 5315	-01-251-9723	19200	17	1
12597053 5305	-01-251-9738	19200	16	2
12597054 5360	-01-251-9724	19200	14	17
12597055 1005	-01-251-9689	19200	14	16
12597056 5315	-01-251-9722	19200	14	18
12597057 1005	-01-251-9692	19200	1	11
12597058		19200	5	1
12597062 5340	-01-251-9695	19200	5	9
12597069 5360	-01-251-9725	19200	5	14
12597070 1005	-01-394-1928	19200	1	25
12597071 1005	-01-251-9696	19200	10	7
12597072		19200	11	4
12597073 1005	-01-251-9698	19200	11	1
12597076 1005	-01-251-9697	19200	11	2
12597077 5360	-01-251-9726	19200	11	3
12597078 5310	-01-251-9734	19200	11	6
12976817		19200	1	2
12976818 1005	-01-408-5897	19200	1	5
12976819 1005	-01-408-3585	19200	2	18
12976820 1005	-01-408-3590	19200	4	2
			4.1	2
12976821 5310	-01-408-3593	19200	4	3
12976823		19200	4	1
12976826 5315	-01-549-8499	19200	4.1	1
12976827 5360	-01-410-9257	19200	2	19
12976828 1005	-01-408-5419	19200	2	20
12976829 5315	-01-409-0142	19200	2	21
12976830 1030	-01-408-3578	19200	2	17
12976831 1005	-01-431-0664	19200	2	15
12976834		19200	1	19
12976835 1005	-01-409-0143	19200	14	8
12976843 1005	-01-441-5758	19200	14	23
12976844 5360	-01-440-4914	19200	14	24
12976845 5340	-01-440-3809	19200	14	25
12976846 5315	-01-435-8728	19200	14	22
12976847 5325	-01-408-5439	19200	14	30
12976848 5342	-01-408-5435	19200	14	28
12976849 5360	-01-408-5998	19200	14	29
12976850 5315	-01-409-0136	19200	14	27
12976852 1005	-01-453-9051	19200	6	3
12976861 1005	-01-408-3594	19200	6	4

CROSS REFERENCE LIST – PART NUMBER (cont)

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
12976863 1005	-01-408-5417	19200	6	2
12976864 5305	-01-408-4890	19200	6	1
12976866		19200	1	22
12976867 1005	-01-413-6992	19200	7	5
12976869 1005	-01-408-6669	19200	1	24
12976870 1005	-01-408-4361	19200	10	18
			10.1	1
12976874 1005	-01-410-8544	19200	10	15
12976875 1005	-01-410-8498	19200	10	16
12976876		19200	10	17
12976877 1005	-01-408-4600	19200	10	20
12976880 5305	-01-408-4953	19200	10	21
12976881 1005	-01-408-5416	19200	10	22
12976882 1005	-01-409-0144	19200	10	19
			10.1	2
12976883 1005	-01-408-5905	19200	1	27
12976884 1005	-01-408-6002	19200	18	7
12976894 1005	-01-408-6671	19200	18	12
12976897 1005	-01-408-6011	19200	18	13
12976898 5315	-01-408-6676	19200	18	4
12976899 5360	-01-408-6000	19200	18	5
12976900		19200	18	1
12976901 1005	-01-408-5438	19200	18	3
12976902 1005	-01-408-6678	19200	18	14
12976903 1005	-01-408-5437	19200	18	2
12976904 5315	-01-408-6413	19200	18	6
12976905 5360	-01-408-6675	19200	18	11
12976906 5325	-01-408-9050	19200	18	8
12976907 5310	-01-408-9456	19200	18	9
12976908 5310	-01-408-9052	19200	18	10
12976909 1005	-01-431-8324	19200	29	1
12976910		19200	29	3
12976915 1005	-01-431-8325	19200	29	2
12977101		19200	1	9
12977102 1005	-01-432-9538	19200	12	10
12977104		19200	1	17
12977106 5355	-01-464-1091	19200	14	12
12977107 5315	-01-460-3383	19200	14	9
12988984 1005	-01-472-8350	19200	6	9
12988985 5305	-01-461-0327	19200	6	12
12988986 1005	-01-461-2658	19200	1	10

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
12988988 1005	-01-461-0326	19200	6	11
12988989		19200	6	10
12991418 5315	-01-479-0126	19200	14	7
12993733 1005	-01-480-0289	19200	22	1
12993734		19200	22	4
12993735 5340	-01-481-8127	19200	22	2
12997498		19200	15	5
12997499 1005	-01-489-5380	19200	15	7
12997500 1005	-01-484-9927	19200	15	3
12997573 1005	-01-489-5357	19200	14	37
12997574 1005	-01-486-3661	19200	14	35
12997575 5970	-01-486-3660	19200	14	34
12997576		19200	14	31
12999179		19200	1	18
12999955 1005	-01-522-0757	19200	2	17
12999957 1005	-01-522-0758	19200	14	12
13001482 1005	-01-522-0761	19200	19	2
13001483		19200	19	4
13001485 1005	-01-522-0767	19200	19	5
13001486		19200	19	6
13001487 1005	-01-522-0769	19200	19	10
13001488 1005	-01-522-0762	19200	19	7
13001489 5360	-01-522-0763	19200	19	9
13001491 1005	-01-522-0764	19200	19	3
13001494 5340	-01-522-0765	19200	19	12
13001495 1005	-01-522-0768	19200	19	15
13001496 5360	-01-522-0766	19200	19	13
13001502		19200	19	1
13001503 1005	-01-522-0760	19200	1	30
13001504 5305	-01-522-7621	19200	19	15
13001601 1005	-01-512-6424	19200	2	8
13002076 1005	-01-512-9284	19200	20	9
13008220 1005	-01-522-4817	19200	1	3
			2	16
13008368 1005	-01-525-5050	19200	1	25
13008369 1005	-01-524-7773	19200	10	1
13008744		19200	1	21
13008850	1920	0	1	2
		19200	2	14
13008851 1005	-01-524-2427	19200	2	16
13011320 1005	-01-549-8488	19200	5	16
13011321 5315	-01-550-2775	19200	5	13
13011767 1005	-01-533-4093	19200	21	1
13013482 5305	-01-563-5472	19200	19	16

CROSS REFERENCE LIST – PART NUMBER (cont)

<u>PART NUMBER</u>	<u>NATIONAL STOCK NUMBER</u>	<u>CAGEC</u>	<u>FIGURE</u>	<u>ITEM</u>
13013483 1005	-01-565-6692	19200	1	28
13016091 1005	-01-561-3292	19200	2	17
13016469		19200	1	2
			2	14
13016470 1005	-01-549-8497	19200	2	16
13016472		19200	2	13
13016091 1005	-01-561-3292	19200	2	17
13016478 1005	-01-550-1628	19200	2	18
13016479		19200	4.1	4
13016480 5315	-01-550-1623	19200	4.1	3
13016481 1005	-01-565-2588	19200	4.1	2
13016482		19200	2	15
13016484		19200	1	23A
13016485		19200	10.1	14
13016486 1005	-01-549-8493	19200	10.1	8
13016488 1005	-01-551-5420	19200	10.1	11
13016489 5315	-01-553-0682	19200	10.1	12
13016490 1005	-01-549-8495	19200	10.1	7
13016491 5340	-01-550-1620	19200	10.1	5
13016492 5315	-01-550-2774	19200	10.1	6
13016493 5315	-01-550-2777	19200	10.1	13
13016494		19200	1	20
13016495		19200	14	26
			15	1
13017802 1005	-01-526-8280	19200	21	1
13017807		19200	21	2
5009369 1005	-00-918-2617	19200	5	21
5009394 5305	-00-500-9394	19200	5	18
5152854 5315	-00-515-2854	19200	5	17
590479 5315	-00-181-6984	21450	14	13
6008937 5340	-00-600-8937	19200	5	19
7265561 1005	-00-726-5561	19204	5	22
7312517 5315	-00-731-2517	19200	5	20
7548584 5325	-01-480-6849	19203	22	3
9439046 4720	-01-156-0549	11862	BULK	1

END OF WORK PACKAGE

REFERENCES

A-1. DEPARTMENT OF ARMY PAMPHLETS AND FORMS.

DA PAM 750-8 The Army Maintenance Management System (TAMMS) Users Manual

DA Form 2028 Recommended Changes to Publications and Blank Forms.

SF 364 Report of Discrepancy (ROD)

SF 368 Product Quality Deficiency Report

A-2. FIELD MANUALS.

FM 4-25.11 First Aid

A-3. AIR FORCE PUBLICATIONS AND FORMS.

AF HANDBOOK 32-4014 Ability to Survive and Operate Procedures in a Nuclear, Bioenvironmental, and Chemical (NBC) Environment

AFI 21-201 Munitions Management

AFI 36-2226 Combat Arms Program

AFJMAN 23-215 Reporting of Supply Discrepancies

AFMAN 44-163 (I) First Aid

AFMAN 91-201 Explosives Safety Standards

AFTO Form 22 Recommended Changes to Technical Publications

AFTO 95 Historical Data Record

AFTO 105 Inspection Maintenance Firing Data for Ground Weapons Allowance Standard 538

TO 00-5-1 Air Force Technical Order System

TO 00-35D-54 U.S. Air Force Deficiency Reporting and Investigating System

TO 11W-1-10 Historical Data Recording of TO Operational Supplement 11W2-6-5-2-1 Supplemental Inspection Criteria

A-4. USMC PUBLICATIONS AND FORMS.

NAVMC Form 10722 Recommended Changes to Technical Publications

TI 8005-24/20D Trigger Weight Measurements and Pre-Fire Inspections

TM 3080-12 Corrosion, Prevention and Control for Marine Corps Ground Equipment

TM 4700.15/1 Equipment Record Procedures

MCO 4855.10 Product Quality Deficiency Report

REFERENCES (cont)

A-5. TECHNICAL MANUALS.

TM 9-1005-313-10/..... Operator’s Manual, Machine Gun, 7.62, M240 (1005-01-025-8095);
 TO 11W2-6-5-1/ Machine Gun, 7.62, M240B (1005-01-412-3129); Machine Gun, 7.62,
 TM 08670A/09712A-10/1B/ M240C (1005-01-085-4758); Machine Gun, 7.62, M240D
 SW360-AH- OPI-010 (1005-01-418-6995); Machine Gun, 7.62, M240E1 (1005-01-252-
 4288); Machine Gun, 7.62, M240H (1005-01-518-2410); Machine
 Gun, 7.62, M240L (1005-01-549-5837); Machine Gun, 7.62, M240N
 (1005-01-493-1666)

TM 750-244-7 Procedures for Destruction of Equipment in Federal Supply
 Classification
 1000, 1005, 1010, 1015, 1020, 1025, 1030, 1055, 1090, and 1095 to
 Prevent Enemy Use

A-6. MISCELLANEOUS PUBLICATIONS.

CTA 50-970 Expendable/Durable Items (Except Medical Class V, Repair Parts and
 Heraldic Items)

CTA 8-100 Army Medical Department Expendable/Durable items

END OF WORK PACKAGE

**FIELD MAINTENANCE
MAINTENANCE ALLOCATION CHART (MAC)
FOR M240 SERIES MACHINE GUN**

**MAINTENANCE ALLOCATION CHART (MAC)
INTRODUCTION**

The Army Maintenance System MAC

This introduction provides a general explanation of all maintenance and repair functions authorized at the two maintenance levels under the Two-Level Maintenance System concept.

The MAC (immediately following the introduction) designates overall authority and responsibility for the performance of maintenance functions on the identified end item or component. The application of the maintenance functions to the end item or component shall be consistent with the capacities and capabilities of the designated maintenance levels, which are shown on the MAC in column (4) as:

Field – Includes three sub-columns, Crew (C), Service (O) and Field maintenance (F).

Sustainment – Includes two sub-columns, Below Depot (H) and Depot (D).

The tools and test equipment requirements (immediately following the MAC) list the tools and test equipment (both special tools and common tool sets) required for each maintenance function as referenced from the MAC.

The remarks (immediately following the tools and test equipment requirements) contain supplemental instructions and explanatory notes for a particular maintenance function.

Maintenance Functions

Maintenance functions are limited to and defined as follows:

1. **Inspect.** To determine the serviceability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examination (e.g., by sight, sound, or feel). This includes scheduled inspection, gagings and evaluation of cannon tubes.
2. **Test.** To determine the serviceability by measuring the mechanical, pneumatic, hydraulic, or electrical characteristics of an item and comparing those characteristics with prescribed standards on a scheduled basis, i.e., load testing of lift devices and hydrostatic testing of pressure hoses.
3. **Service.** Operations required periodically to keep an item in proper operating condition; e.g., to clean (includes decontaminate, when required), to preserve, to drain, to paint or to replenish fuel, lubricants, chemical fluids, or gases. This includes scheduled exercising and purging of recoil mechanisms. The following are examples of service functions:
 - a. **Unpack.** To remove from packing box for service or when required for the performance of maintenance operations.
 - b. **Repack.** To return item to packing box after service and other maintenance operations.
 - c. **Clean.** To rid the item of contamination.
 - d. **Touch-up.** To spot paint scratched or blistered surfaces
 - e. **Mark.** To restore obliterated identification.
4. **Adjust.** To maintain or regulate, within prescribed limits, by bringing into proper position, or by setting the operating characteristics to specific parameters.

**FIELD MAINTENANCE
MAINTENANCE ALLOCATION CHART (MAC)
FOR M240 SERIES MACHINE GUN (cont)**

Maintenance Functions (cont)

5. **Align.** To adjust specific variable elements of an item to bring about optimum or desired performance.
6. **Calibrate.** To determine or cause corrections to be made or to be adjusted on instruments of test, measuring, and diagnostic equipment used in precision measurement. Consists of comparisons of two instruments, one of which is certified standard of known accuracy, to detect and adjust and discrepancy in the accuracy of the instrument being compared.

Maintenance functions are limited to and defined as follows (cont):

7. **Remove/Install.** To remove and install the same item when required to perform service or other maintenance functions. 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.
8. **Paint.** To prepare and spray color coats of paint so that the ammunition can be identified and protected. The color indicating primary use is applied, preferably, to the entire exterior surface as the background color of the item. Other markings are to be repainted as original so as to retain proper ammunition identification.
9. **Replace.** To remove an unserviceable item and install a serviceable counterpart in its place. "Replace" is authorized by the MAC and assigned maintenance level is shown as the third position of the Source, Maintenance and Recoverability (SMC) code.
10. **Repair.** The application of maintenance services, including fault location/troubleshooting, removal/installation, disassembly/assembly procedures, and maintenance actions to identify troubles and 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.

NOTE

The following definitions are applicable to the "repair" maintenance function:

Services – Inspect, test, service, adjust, align, calibrate, and/or replace.

Fault location/troubleshooting – The process of investigating and detecting the cause of equipment malfunctioning; the act of isolating a fault within a system or Unit Under Test (UUT).

Disassembly/assembly – The step-by-step taking apart (or breakdown) of a spare/functional group coded item to the level of its least component identified as maintenance significant (i.e., assigned an SMR code) for the level of maintenance under consideration.

Actions – Welding, grinding, riveting, straightening, facing, machining, and/or resurfacing.

10. **Overhaul** – That maintenance effort (service/action) prescribed to restore an item to a completely serviceable/operational condition as required by maintenance standards in appropriate technical publications. Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to a like new condition.

11. Rebuild. Those services/actions necessary for the restoration of unserviceable equipment to a like new condition in accordance with original manufacturing standards. Rebuild is the highest degree of materiel maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (e.g., hours/miles) considered in classifying Army equipment/components.

Explanation of Columns in the MAC

Column (1) – Group Number. Column (1) lists FGC numbers, the purpose of which is to identify maintenance significant components, assemblies, subassemblies and modules with the Next Higher Assembly (NHA).

Column (2) – Component/Assembly. Column (2) contains the item names of components, assemblies, subassemblies and modules for which maintenance is authorized.

Column (3) – Maintenance Function. Column (3) lists the functions to be performed on the item listed in Column (2).

Column (4) – Maintenance level. Column (4) specifies each level of maintenance authorized to perform each function listed in column (3), by indicating work time required (expressed as man-hours in whole hours or decimals) in the appropriate subcolumn. This work time figure represents the active time required to perform that maintenance function at the indicated level of maintenance. 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 (including any necessary disassembly/assembly time), troubleshooting/fault location time and quality assurance time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the MAC. The symbol designations for the various maintenance levels are as follows:

- C Operator or crew maintenance
- F Field maintenance
- D Sustainment depot maintenance

NOTE

The “L” maintenance level is not included in column (4) of the MAC. Functions to this level of maintenance are identified by a work time figure in the “H” column of column (4), and an associated reference code is used in the REMARKS column (6). This code is keyed to the remarks and the SRA complete repair application is explained there.

Column (5) – Tools and Equipment Reference Code. Column (5) specifies, by code, those common tool sets (not individual tools), common Test, Measurement and Diagnostic Equipment (TMDE), and special tools, special TMDE and special support equipment required to perform the designated function. Codes are keyed to the entries in the tools and test equipment table.

Column (6) – Remarks Code. When applicable, this column contains a letter code, in alphabetical order, which is keyed to the remarks table entries.

Explanation of Columns in the Tools and Test Equipment Requirements

Column (1) – Tool or Test Equipment Reference Code. The tool or test equipment reference code correlates with a code used in column (5) of the MAC.

Column (2) – Maintenance Level. The lowest level of maintenance authorized to use the tool or test equipment.

Column (3) - Nomenclature. Name or identification of the tool or test equipment.

**FIELD MAINTENANCE
MAINTENANCE ALLOCATION CHART (MAC)
FOR M240 SERIES MACHINE GUN (cont)**

Column (4) – National Stock Number (NSN). The NSN of the tool or test equipment.

Column (5) – Tool Number. The manufacturer's part number.

Explanation of Columns in the Remarks.

Column (1) Remarks Code. The code recorded in remarks code entry of the MAC.

Column (2) – Remarks. This entry lists information pertinent to the maintenance function being performed as indicated in the MAC.

FIELD MAINTENANCE

**M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun
MAINTENANCE ALLOCATION CHART (MAC)**

Table 1. Maintenance Allocation Chart for M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun

NOTE

This section applies to Army users only.

(1) GROUP NUMBER	(2) COMPONENT/ ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL					(5) TOOLS AND EQUIPMENT REFERENCE CODE	(6) REMARKS CODE
			FIELD SUSTAINMENT						
			CREW	SERVICE	FIELD	BELOW DEPOT	DEPOT		
			C O		F	H	D (CLS)		
00	MACHINE GUN, 7.62MM, M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N	Inspect Test Service Repair Adjust Overhaul	0.2 0.2		0.2 0.3 0.3 0.5 0.1			1, 2, 3, 14 9	A
01	BARREL ASSEMBLY	Inspect Test Service Install Replace Repair Overhaul	0.1 0.2 0.1		0.1 0.1 0.3 0.1 0.4			0.5 10, 11, 14	
0101	Front Sight Assembly	Inspect Service Replace Repair Overhaul	0.1 0.1		0.1 0.1 0.2 0.2			0.5 11	
0102	Handle Assembly, Carrying	Inspect Service Replace Repair Overhaul	0.1 0.1	0.1	0.1 0.2 0.2			0.3	
02	BUFFER ASSEMBLY/ BUFFER AND SPADE GRIP ASSEMBLY/ BUTTSTOCK AND BUFFER ASSEMBLY/ BUTTSTOCK AND HYDRAULIC BUFFER ASSEMBLY	Inspect Service Replace Repair Overhaul	0.1 0.1		0.1 0.1 0.2 0.4			1.0 10, 11	
03	BOLT AND OPERATING ROD ASSEMBLY	Inspect Service Replace Repair Overhaul	0.1 0.1		0.1 0.1 0.2 0.4			2.0 10	
0301	BOLT ASSEMBLY	Inspect Test Service Repair Adjust Overhaul	0.2 0.2		0.1 0.1 0.2 0.1 0.6			1.0 7 6, 10	

FIELD MAINTENANCE

**M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun
MAINTENANCE ALLOCATION CHART (MAC)**

Table 1. Maintenance Allocation Chart for M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun (Cont)

(1) GROUP NUMBER	(2) COMPONENT/ ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL					(5) TOOLS AND EQUIPMENT REFERENCE CODE	(6) REMARKS CODE
			FIELD SUSTAINMENT						
			CREW	SERVICE	FIELD	BELOW DEPOT	DEPOT		
			C O		F	H	D (CLS)		
030101	BREECHBODY ASSEMBLY	Inspect Test Service Install Replace Repair Overhaul	0.1 0.2 0.1		0.1 0.1 0.2		0.1	11	
04 TRIGGER	HOUSING ASSEMBLY	Inspect Service Replace Repair Overhaul	0.1 0.1		0.1 0.1 0.2 0.5		1.0	10, 11	
0401 Trigger	Actuating Assembly	Service Replace Repair Overhaul	0.1		0.1 0.2 0.2		0.5	10	
05 COVER	ASSEMBLY	Inspect Service Replace Repair Overhaul	0.1 0.1		0.1 0.1 0.1 0.3		1.2	11	
0501 Feed	Pawl Assembly	Service Replace Repair Overhaul	0.1		0.1 0.2 0.1		0.5	11	
06 RECEIVER	ASSEMBLY	Inspect Service Repair Overhaul	0.1 0.2		0.1 0.2 0.5		0.5	8, 10, 11	A
0601 Receiver	Body	Service Repair Overhaul	0.1		0.1 0.2		1.0	11	A
0602 Rear	Sight Assembly	Inspect Service Replace Repair Overhaul	0.1 0.1		0.1 0.1 0.1 0.1		0.1	10	
060201 Slide	Assembly	Service Replace Repair Overhaul	0.1		0.1 0.1 0.1		0.1	10	
0603 Machine	Gun Bipod (M240B/M240H/ M240L))	Inspect Service Replace Repair	0.1 0.1		0.1 0.1 0.1 0.5				

Table 2. Tool and Test Equipment Requirements for M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun

(1) TOOL OR TEST EQUIPMENT	(2) MAINTENANCE LEVEL	(3) NOMENCLATURE	(4) NATIONAL STOCK NUMBER	(5) TOOL NUMBER
1	F	Gage, Headspace Warning	4933-01-043-8211	1182 6299(CB39)
2	F	Gage, Headspace Reject	4933-01-043-8212	1182 6274(CB40)
3	F	Gage, Firing Pin Protrusion 4933	-01-043-9450	11826304(CB189)
4	F	Gage, Breech Bore Erosion	5210-01-082-1714	11826298
5	F	Gage, Muzzle and Breechbore Wear	5220-01-082-5564	1182 6276
6	C	*Tool, Combination Scraper and Extractor	4933-01-033-1503	1182 6059
7	O	Tool, Removing, Ejector	4933-01-038-7179	11826076
8	F	Tool Disassembly, Cover Detent Plunger	4933-01-038-7183	1182 6077
9	O	Tool, Combination Front Sight Adjusting	1005-01-458-7004	1259 7079
10 O	O/F	Tool Kit, Small Arms Repairman (Marine Corps only: Kit with addition of SL-3-00607A)	5180-01-559-5981	5180 -95-B71
11	F	Tools Kit, Intermediate Maintenance (Marine Corps only)	5180-01-147-2468	SL-3-087 24A
12	O	Tools Kit, Organizational (Marine Corps only)	5180-01-147-2467	SL-3-006 07A
13	F	Shop Set, Small Arms: Field Maintenance, Basic Less Power	4933-00-754-0664	SC 4933-95-CL-A11
14	O	Gas Port Erosion Tool	1005-01-512-9284	13002076

*Refer to WP 0029 for fabrication instructions of protective cover for this tool.

Table 3. Remarks for M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun

Reference Code	Remarks
A	The A in the 5 th position of the SMR Code indicates special handling. This item meets security requirements and is serialized for accountability purposes.

END OF WORK PACKAGE

FIELD MAINTENANCE

**M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun
EXPENDABLE AND DURABLE ITEMS LIST**

INTRODUCTION

Scope

This work package lists expendable and durable items that you will need to operate and maintain the M240 Series Machine Gun. This list is for information 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.

Explanation of Columns in the Expendable/Durable Items List

Column (1) – Item Number. This number is assigned to the entry in the list and is referenced in the narrative instructions to identify the item (e.g., “Use Sealing Compound (WP 0065 00, item 5)”).

Column (2) – Level. This column includes the lowest level of maintenance that requires the listed item (C=Operator/Crew).

- C – Operator/Crew
- O – Field (Service) Maintenance
- F – Field Maintenance

Column (3) – National Stock Number (NSN). This is the NSN assigned to the item, which you can use to requisition it.

Column (4) – Item Name, Description, Commercial and Government Entity Code (CAGEC), and Part Number (P/N). This column provides the other information you need to identify the item.

Column (5) – Unit of Measure (U/M). This code shows the physical measurement or count of an item, such as gallon, dozen, gross, etc.

Table 1. Expendable and Durable Items List

(1) Item Number	(2) Level	(3) National Stock Number (NSN)	(4) Item Name, Description, Part Number/(CAGEC)	(5) U/M
NOTE CLP is an alternative to LSA and LAW. Do not mix lubricants on the same weapon. The weapon must be thoroughly cleaned with cleaning solvent before changing lubricants.				
1	O	9150-01-054-6453 9150-01-053-6688	CLEANER, LUBRICANT AND PRESERVATIVE: (CLP) (81349) MIL-PRF-63460 1 pint bottle 1 gal bottle	PT GL
2	O	6850-00-224-6657 6850-00-224-6663	CLEANING COMPOUND, SOLVENT: Rifle bore cleaner (RBC) (81349) MIL-PRF-372 8 oz can 1 gal can	OZ GL

FIELD MAINTENANCE

M240, M240B, M240C, M240D, M240E1, M240H, M240L, M240N Machine Gun
EXPENDABLE AND DURABLE ITEMS LIST

Table 1. Expendable /Durable Items List (cont)

(1) Item Number	(2) Level	(3) National Stock Number (NSN)	(4) Item Name, Description, Part Number/(CAGEC)	(5) U/M
3 O		5350-00-221-0872	CLOTH, ABRASIVE, CROCUS (76381) 051144-02435 50 sheet package	SH
4 O		6850-01-474-2319	CLEANING COMPOUND, SOLVENT (81349) MIL-PRF-680 1 gal can	GL
5 F		8030-01-499-3589	COMPOUND, SEALING; THREAD LOCKING (05972) 29513 10 cc bottle	BT
6 O		9150-01-260-2534	LUBRICANT, SOLID FILM (81349) MIL-L-23398 16 oz aerosol can	OZ
7 O		9150-00-231-6689 9150-00-231-9062	LUBRICATING OIL, GENERAL PURPOSE (81349) MIL-PRF-32033 1 qt can 5 gal can	QT GL
8 O		9150-00-292-9689	LUBRICATING OIL, WEAPONS (LAW) (81349) MIL-PRF-14107 1 qt can	QT
9 O		9150-00-753-4686	LUBRICATING OIL, SEMIFLUID (LSA) (81349) MILL46000 1 gal can	GL
10	C O	9150-00-949-0323 9150-01-109-7793	LUBRICATING OIL, SEMIFLUID(LSA-T) (81349) MIL-L-46150 8 oz tube 1 lb can (Marine Corps only)	EA LB
11 C		7920-00-205-1711	RAG, WIPING (80244) 7920-00-205-1711 50 lb bale	LB
12 O/F		8030-01-025-1692	SEALING COMPOUND (81346) ASTM D5363 250 cc bottle	BT
13			DELETED	
14 O		7930-00-965-4868	SOAP, LAUNDRY (80244) 7930-00-965-4868 60 cakes to case	EA

END OF WORK PACKAGE

**FIELD MAINTENANCE
M240L Machine Gun
COMPONENTS OF END ITEM (COEI) AND BASIC ISSUE ITEMS (BII) LISTS**

INTRODUCTION

Scope

This work package lists COEI and BII for the M240 machine gun to help you inventory items for safe and efficient operation of the equipment.

General

The COEI and BII information is divided into the following lists:

Components of End Item (COEI). This list is for information purposes only and is not authority to requisition replacements. These items are part of the M240 machine gun. As part of the end item, these items must be with the end item whenever it is issued or transferred between property accounts. Items of COEI are removed and separately packaged for transportation or shipment only when necessary.

Basic Issue Items (BII). These essential items are required to place the M240L machine guns in operation, operate it, and to do emergency repairs. Although shipped separately packaged, BII must be with the M240 series machine gun during operation and when it is transferred between property accounts. Listing these items is your authority to request/requisition them for replacement based on authorization of the end item by the TOE/MTOE.

Explanation of Entries in the COEI List and BII List

Column (1), Illus Number, gives you the number of the item illustrated.

Column (2), National Stock Number (NSN), identifies the stock number of the item to be used for requisitioning purposes.

Column (3), Description, CAGEC, and Part Number, identifies the Federal item name (in all capital letters) followed by a minimum description when needed. The stowage location of COEI and BII is also included in this column. The last line below the description is the CAGEC (Commercial and Government Entity Code) (in parentheses) and the part number.

Column (4), Usable On Code, gives you a code if the item you need is not the same for different models of equipment. These codes are identified below:

<u>Code</u>	<u>Used On</u>	<u>Code</u>	<u>Used On</u>
G69	M240	AG8	
BB2	M240B	BN4	
L04	M240	C	BT5
BC2	M240D		
		BJ8	M240N
			M240E1
			M240 H
			M240L

Column (5), U/M (unit of measure), indicates how the item is issued for the National Stock Number shown in column (2).

Column (6), Qty Rqr., indicates the quantity required.

**FIELD MAINTENANCE
M240L Machine Gun
COMPONENTS OF END ITEM (COEI) AND BASIC ISSUE ITEMS (BII) LISTS.**

Table 1. Components of End Item List

(1) Illus Number	(2) National Stock Number (NSN)	(3) Description Part Number/(CAGEC)	(4) Usable on Code	(5) U/M	(6) Qty Rqr
1	1005-01-533-4093	SLING ASSEMBLY (19200) 13011767	BT5	1	
2	1005-01-431-8324	ADAPTOR ASSEMBLY, AMMUNITION (19200) 12976909	BT5	1	
3	1005-01-431-8325	ADAPTOR, BANDOLEER (19200) 12976915	BT5	1	

Table 1. Basic Issue Items (BII) List

(1) Illus Number	(2) National Stock Number (NSN)	(3) Description Part Number/(CAGEC)	(4) Usable on Code	(5) U/M	(6) Qty Rqr
1		LIGHTWEIGHT BARREL ASSEMBLY W/HEATSHIELD (19200) 13016469, COMPOSED OF: 1 - LIGHTWEIGHT BARREL ASSEMBLY (19200) 13016470 1 - HEATSHIELD ASSEMBLY (19200) 13016482	BT5	1	
2	1005-01-536-9646	CARRYING CASE, SPARE BARREL (19200) 13013655	BT5	1	
3	1005-01-033-1510	EXTRACTOR, RUPTURED CARTRIDGE (19200) 11826264	BT5	1	
4		MANUAL, OPERATOR, MACHINE GUN, 7.62MM: M240, M240B, M240C, M240E1, M240G (19200) TM 9-1005-313-10	BT5	1	

END OF WORK PACKAGE

ALPHABETICAL INDEX

A

Additional Authorized Equipment

- Adapter WP 0057 00
- Chamber and Discriminator Assembly WP 0055 00
- Coupler Assembly WP 0059 00
- Discriminator Assembly WP 0056 00
- Extension Assembly WP 0058 00
- M21 Blank Firing Attachment WP 0054 00
- M24 Chamber Assembly WP 0053 00
- Annual Gaging of M240 Series Machine Gun WP 0027 01

B

- Barrel Assembly WP 0008 00
- Basic Issue Items (BII) List (M240L) WP 0066 00
 - Case, Barrel Bag WP 0052 00
- Bipod Assembly
 - (M240B/M240L) WP 0025 00
 - (M240H) WP 0026 00
- Bolt Assembly WP 0015 00
- Bolt and Operating Rod Assembly WP 0014 00
- Buffer Assembly (M240/M240C) WP 0011 00
- Buffer and Spade Grip Assembly (M240D/M240E1/M240H) WP 0012 00
- Buttstock and Hydraulic Buffer Assembly (M240B/M240L/M240N) WP 0013 00
- Breech Body Assembly WP 0015 01

C

- Carrying Handle Assembly
 - (M240B/M240D/M240H/M240N) WP 0010 00
 - (M240L) WP0010 01
- Common Tools and Equipment WP 0001 00-4
- Components of End Item (COEI) (M240L) WP 0066 00
 - Adapter Assembly, Ammunition WP 0060 00
- Cover Assembly WP 0019 00
- Corrosion Prevention and Control WP0001 00-3
- Cross References Index – Part Number WP 0062 00
- Cross References Index – National Stock Number WP 0061 00

D

- Description of Major Components WP0002 00-1
- Destruction of Army Materiel to Prevent Enemy use WP 0001 00-4
- Differences Between Models WP 0002 00-4

E

- Equipment Data WP 0002 00-5
- Equipment Description and Data WP0002 00-1
- Equipment Characteristics, Capabilities, and Features WP 0002 00-1
- Equipment Improvement Recommendations (EIR), Reporting WP 0001 00-3
- Expendable and Durable Items List WP 0065 00

ALPHABETICAL INDEX

F

Failure to Chamber..... WP 0004 00-2
 Failure to Cock or Runaway Gun WP 0004 00-6
 Failure to Eject WP 0004 00-5
 Failure to Extract WP 0004 00-5
 Failure to Feed WP 0004 00-4
 Failure to Fire WP 0004 00-3
 Feed Pawl Assembly..... WP 0020 00
 Field Manuals WP 0063 00
 Final Inspection of M240 Series Machine Gun WP 0027 00
 Forms, Department of Army/Air Force/USMC..... WP 0063 00
 Front Sight Assembly WP 0009 00

G

Gaging of M240 Series Machine Gun, Annual..... WP 0027 00
 Gun Ruptures Cartridges Cases WP 0004 00-7

H

Handle Assembly, Carrying
 (M240B/M240D/M240H/M240N)..... WP 0010 00
 (M240L) WP 0010 01
 How to use this Manual vi

I

Illustrated List of Manufactured Items WP 0029 00

L

Location and Description of Major Components WP 0002 00-1

M

Machine Gun, M240 Series..... WP 0007 00
 Maintenance Allocation Chart WP 0064 00
 Maintenance Forms, Records and Reports WP 0001 00-3
 Maintenance of:
 Barrel Assembly WP 0008 00
 Bipod Assembly (M240B/M240L)..... WP 0025 00
 Bipod Assembly (M240H)..... WP 0026 00
 Bolt and Operating Rod Assembly WP 0014 00
 Bolt Assembly WP 0015 00
 Buffer and Spade Grip Assembly (M240D/M240E1/M240H)..... WP 0012 00
 Buffer Assembly (M240/M240C) WP 0011 00
 Buttstock and Hydraulic Buffer Assembly (M240B/M240L/M240N)..... WP 0013 00
 Carrying Handle Assembly
 (M240B/M240D/M240H/M240N)..... WP 0010 00
 (M240L) WP 0010 01
 Cover Assembly WP 0019 00
 Feed Pawl Assembly WP 0020 00
 Final Inspection of M240 Series Machine Gun WP 0027 00
 Front Sight Assembly WP 0009 00
 Machine Gun, M240 Series..... WP 0007 00
 Rear Sight Assembly(M240B/M240D/M240E1/M240H/M240L/M240N) WP 0023 00
 Receiver Assembly..... WP 0021 00
 Receiver Body Assembly WP 0022 00
 Slide Assembly (M240B/M240D/M240E1/M240H/M240L/M240N) WP 0024 00

Trigger Actuating Assembly (M240D/M240E1/M240H).....WP 0018 00
 Trigger Housing Assembly
 (M240/M240C/M240D/M240E1/M240H)WP 0016 00
 (M240B/M240N).....WP 0017 00
 (M240L).....WP 0017 01
 Maintenance Troubleshooting Procedures:
 Failure to ChamberWP 0004 00-2
 Failure to Cock or Runaway Gun.....WP 0004 00-6
 Failure to EjectWP 0004 00-5
 Failure to Extract.....WP 0004 00-5
 Failure to FeedWP 0004 00-4
 Failure to FireWP 0004 00-3
 Gun Ruptures Cartridges Cases.....WP 0004 00-7
 Safety does not functionWP 0004 00-7
 Sluggish OperationWP 0004 00-3
 Manufactured Items, Illustrated List.....WP 0029 00

O

Official Nomenclature, Names, and DesignationsWP 0001 00-4

P

Preembarkation Inspection of Materiel for Units
 Alerted for Overseas Movement.....WP 0028 00
 Preparation for Storage and ShipmentWP 0001 00-4
 Preventive Maintenance Checks and ServicesWP 0005 00
 Publications, Army/Air Force/USMCWP 0063 00

Q

Quality of MaterialWP 0001 00-4

R

Rear Sight Assembly (M240B/M240D/M240E1/M240H/M240L/M240N).....WP 0023 00
 Receiver AssemblyWP 0021 00
 Receiver Body AssemblyWP 0022 00
 References.....WP 0063 00
 Repair Parts and Special Tools List, (General)WP 0030 00
 Repair Parts and Special Tools List for:
 Barrel AssemblyWP 0032 00
 Bipod Assembly (M240B/M240L)WP 0048 00
 Bipod Assembly (M240H)WP 0049 00
 Bolt and Operating Rod Assembly.....WP 0037 00
 Bolt AssemblyWP 0038 00
 Breech Body AssemblyWP 0039 00
 Buffer Assembly (M240/M240C); Buffer and Spade Grip
 Assembly (M240D/M240E1/M240H))WP 0035 00
 Bulk ItemsWP 0050 00
 Buttstock and Hydraulic Buffer Assembly (M240B/M240N)WP 0036 00
 Carrying Handle Assembly
 (M240B/M240D/M240H /M240N)WP 0034 00
 (M240L)WP 0034 01
 Cover AssemblyWP 0042 00
 Feed Pawl AssemblyWP 0043 00
 Front Sight Assembly.....WP 0033 00

ALPHABETICAL INDEX

R (cont)

Repair Parts and Special Tools List for:

Machine Gun, M240 Series.....	WP 0031 00
■ Rear Sight Assembly (M240B/M240D/M240E1/M240H/M240L/M240N).....	WP 0046 00
Receiver Assembly.....	WP 0044 00
Receiver Body Assembly	WP 0045 00
■ Slide Assembly (M240B/M240D/M240E1/M240H/M240L/M240N)	WP 0047 00
Special Tools	WP 0051 00
Trigger Actuating Assembly (M240D/M240E1/M240H)	WP 0041 00
Trigger Housing Assembly (M240/M240C/M240D/M240H/M240E1) and Trigger Housing, Infantry (M240B/M240N)	WP 0040 00
■ Trigger Housing Assembly (M240L).....	WP 0040 01
Reporting Equipment Improvement Recommendations	WP 0001 00-3

S

■ Safety, Care and Handling	WP 0001 00-4
Safety Does Not Function	WP 0004 00-7
Service Upon Receipt of Materiel.....	WP 0006 00-1
■ Slide Assembly (M240B/M240D/M240E1/M240H/M240L/M240N)	WP 0024 00
Sluggish Operation.....	WP 0004 00-3
■ Special Tools	WP 0051 00
Special Tools, TMDE and Support Equipment.....	WP 0001 00-4

T

Theory of Operation	WP 0003 00
Trigger Actuating Assembly (M240D/M240E1/M240H)	WP 0018 00
Trigger Housing Assembly (M240/M240C/M240D/M240E1/M240H).....	WP 0016 00
(M240B/M240N)	WP 0017 00
■ (M240L)	WP 0017 01

U

Usable on Codes	WP 0030 00-6
-----------------------	--------------

W

Warning Summary.....	a
----------------------	---

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is ODISC4.						Use Part II (<i>reverse</i>) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
TO: (<i>Forward to proponent of publication or form</i>) (<i>Include ZIP Code</i>) AMSTA-LC-LPIT / TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630						FROM: (<i>Activity and location</i>) (<i>Include ZIP Code</i>)	
PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER TM 9-1005-313-23&P						DATE 14 December 2007	TITLE M240, M240B, M240C, M240D, M240E1, M240L, M240H, M240N Machine Guns
ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO. *	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON <i>(Provide exact wording of recommended changes, if possible).</i>	
<i>*Reference to line numbers within the paragraph or subparagraph.</i>							
TYPED NAME, GRADE OR TITLE					TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE

TO: <i>(Forward direct to addressee listed in publication)</i> AMSTA-LC-LPIT / TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630	FROM: <i>(Activity and location) (Include ZIP Code)</i>	DATE
--	---	------

PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION/FORM NUMBER TM 9-1005-313-23&P	DATE 14 December 2007	TITLE M240, M240B, M240C, M240D, M240E1, M240L, M240H, M240N Machine Guns
---	--------------------------	---

PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

PART III - REMARKS *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
----------------------------	--	-----------