

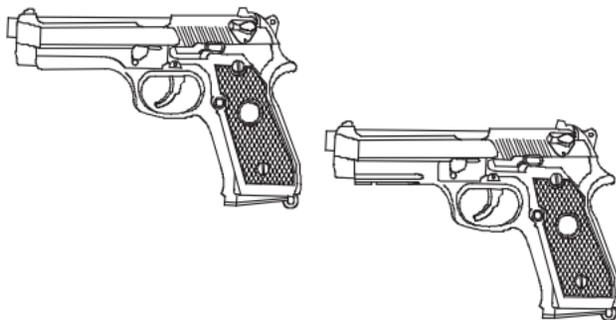
*** ARMY TM 9-1005-317-10
AIR FORCE TO 11W3-3-5-1
COAST GUARD COMDTINST M8370.6
MARINE CORPS TM 08993-OR/1A
NAVY SW370-AA-OPI-010 Rev 2**

**PISTOL, SEMIAUTOMATIC, 9mm,
M9 (1005-01-118-2640) (EIC: 4MN)**

**PISTOL, SEMIAUTOMATIC, 9mm,
M9A1 (1005-01-525-7966)**

**PISTOL, SEMIAUTOMATIC, 9MM,
GO PISTOL (1005-01-588-5964)**

**AIR FORCE ONLY GO PISTOL
(1005-01-480-1274)**



* This publication supersedes TM 9-1005-317-10, dated 30 May 2013

See inside back cover for distribution and destruction information.

**HEADQUARTERS, DEPARTMENTS OF THE ARMY, AIR FORCE, NAVY,
AND HEADQUARTERS, U.S. MARINE CORPS AND COAST GUARD
20 JUNE 2016**

PCN 184 089930 00

WARNING SUMMARY

Read this manual carefully before handling, loading, or operating the pistol.

Pistol can fire accidentally or inadvertently if loaded. Never point the pistol at personnel or targets not intended to be fired upon when loading, clearing, or firing. Always keep pistol aimed in a safe direction. Personnel injury or death can result for failing to follow these precautions.

The weapon will fire any time the trigger is squeezed. For safety, the hammer should always be lowered to the fully down position by depressing the decocking/safety lever when not firing the pistol. Failure to comply can result in personnel injury or death.

The pistol will fire anytime the trigger is squeezed. The M9/M9A1 incorporates single and double action modes of fire. The pistol will fire when squeezing the trigger with the decocking/safety lever is in the fire (up) position and a round in the chamber while the hammer is down, halfcocked, or full cocked position. Always keep the pistol pointed in a safe direction. Failure to follow can result in personnel injury or death.

The decocking/safety lever can be moved to the fire (up) position with a minimum amount of force, this can occur during pistol removal/insertions into the holster. Carefully remove/insert the pistol into the holster and when removing from the holster verify the cocking/safety lever is in the safe (down) position. Failure to comply can result in personnel injury or death.

A missing or damaged (does not return to flush with the slide surface after firing) firing pin block can allow the pistol to fire if dropped. Ensure the firing pin block is not damaged and has returned to being flushed with the pistol slide after completion of the firing task. Failure to comply can result in personnel injury or death.

WARNING SUMMARY (cont)

During loading, the pistol can fire if the decocking/safety lever is in the fire (up) position and the trigger gets squeezed. Ensure the decocking/safety lever is in the safe (down) position when loading the magazine. Failure to comply can result in personnel injury or death.

A dirty pistol or obstruction in the barrel can cause the pistol to miss the target or damage the barrel. Inspect the barrel to ensure it is clean and free of dirt, mud, grease, lodged bullet and foreign objects before loading a magazine. Failure to comply can result in damage to the pistol and injury to personnel.

A live round in the chamber during pistol inspection can be discharged. Ensure the pistol is clear and inspect the chamber is empty before starting any pistol inspection procedure. Do not keep live ammunition near work/maintenance area. Failure to comply can result in personnel injury or death.

A live round in the chamber during safety/functions check can be discharged. Before performing a safety/function check, ensure to clear the pistol and magazine in accordance with the unloading/clearing procedures (WP 0006 00). Failure to comply can result in personnel injury or death.

A misfire or lodged bullet can occur from using unauthorized ammunition. Use only ammunition authorized in work package WP 0015 00. Failure to comply can result in damaged to the pistol or personnel injury.

Firing corroded or dented cartridges can cause misfire or a bullet to be lodged in the barrel. Do not fire heavily corroded or dented cartridges, cartridges with loose bullets, or any other defective rounds detected by visual inspection. Dispose of these cartridges following local SOP. Failure to comply can result in damage to the pistol or personnel injury.

Hearing damage may occur when firing the pistol. Wear the proper hearing protection when firing the pistol. Failure to comply can result in damage to personal hearing.

Accidental pistol firing can occur when carrying the pistol with the finger within the trigger guard. Always keep the finger outside the trigger guard except when preparing to fire. Make sure the pistol is not loaded by inspecting the magazine and chamber when not prepared to fire. Failure to comply can result in personnel injury or death.

If a round has been assembled without powder, the primer alone has enough power to expel the bullet from the case and cause it to be lodge in the bore. A bullet lodged in the bore may destroy the pistol if another round is fired. When firing a round, if the recoil or sound level are not what is expected then cease fire and inspect the pistol for an obstructed barrel. Failure to comply can result in damage to the pistol and/or personnel injury.

An uncleared pistol can be discharged during troubleshooting procedures. Before performing any troubleshooting procedures, ensure the pistol is clear/unloaded in accordance with unloading/clearing procedures (WP 0006 00). Failure to comply can result in personnel injury or death.

For further information on safety, care and handling of ammunitions, refer to TM 9-1300-206. Air Force users refer to AFI 21-201 and AFMAN 91-201.

For further information on first aid, refer to TC 4-02.1.

ICON SUMMARY



EXPLOSION

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

LIST OF EFFECTIVE PAGES

Dates of issue for original and change pages are:

Original: 20 June 16

<u>Page thru Page</u>	<u>Change</u> <u>No.</u>	<u>Page thru Page</u>	<u>Change</u> <u>No.</u>
a-d	0	0006 00-1 thru -10	0
A-B	0	0007 00-1 thru -4	0
i-iv	0	0008 00-1 thru -6	0
0001 00-1 thru -6	0	0009 00-1 thru -14	0
0002 00-1 thru -3	0	0010 00-1 thru -11	0
0003 00-1 thru -2	0	0011 00-1 thru -2	0
0004 00-1 thru -2	0	0012 00-1 thru -21	0
0005 00-1 thru -8	0	0013 00-1 thru -6	0

LIST OF EFFECTIVE PAGES (cont)

List of Effective Pages (cont)

Page thru Page	Change No.	Page thru Page	Change No.
0014 00-1 thru -2	0		
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0018 00-1 thru -4	0		
0019 00-1 thru -4	0		
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Authentication	0		
Back Cover	0		
Cover	0		

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WASHINGTON, D.C., 20 JUNE 2016

OPERATOR MANUAL

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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.

Army - The preferred method is to submit your DA Form 2028 (Recommended Changes to Publications and Blank Forms) through the Internet on the TACOM Unique Logistics Support Applications (TULSA) Web site. The Internet address is <https://tulsa.tacom.army.mil>. Access to all applications requires CAC authentication, and you must complete the Access Request form the first time you use it. The DA Form 2028 is located under the TULSA Applications on the left-hand navigation bar. Fill out the form and click on SUBMIT. Using this form on the TULSA Web site will enable us to respond more quickly to your comments and to 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-IMP/TECH PUBS, MS 727, 6501 E. 11 Mile Road, Warren, MI 48397-5000. The e-mail address is tacomlcmc.daform2028@us.army.mil. The fax number is DSN 786-1856 or Commercial (586) 282-1856. A reply will be furnished to you.

(F) Air Force – Air Force personnel proposing changes or reporting errors to this technical order shall be submitted on an AFTO Form 22 through their MAJCOM in accordance with TO 00-5-1. The MAJCOM will forward completed AFTO Form 22 to the Technical Order Management Agency (TOMA) at: robins.ce.afto2@robins.af.mil.

(CG) Coast Guard – Submit DA Form 2028. Send memo to COMDT (CG-721), Attn: Small Arms Program, 2703 Martin Luther King Jr. Ave. SE Stop 7331, Washington, DC, 20593-7331.

(MC) Marine Corps – Submit notice of discrepancies or suggest changes on a NAVMC 10772. Users with CAC/PKI certificates may submit the NAVMC via the Internet using website <https://pubs.ala.usmc.mil/navmc/default.asp>. The form can be filled in and submitted via the automated NAVMC 10772 Tracking Program. NAVMC forms may also be submitted by electronic mail attachments to SMB.LQG.Tech.Pubs.fct@usmc.mil, or by mailing a paper copy of the NAVMC 10772 in an envelope addressed to Commander, Marine Corps Systems Command, Attn: Assistant Commander Acquisition and Logistics (LOG/TP), 814 Radford Blvd. Suite 20343, Albany, Georgia 31704-0343. Problems or questions regarding the NAVMC 10772 program should be reported by calling DSN 567-7574, DSN 567-7628, DSN 567-5017, or DSN 567-6439. In addition to electronic submittal of the NAVMC form via the above web links, forward an informational copy (cc:) or mail a paper copy to the Life Cycle Logistician at the following address: Commander, Marine Corps System Command, Attn: PMM-132 (IW), 814 Radford Blvd, STE 20343, Albany, GA, 31704-0343

(N) Navy – Reporting errors and recommending improvements may be submitted using NAVSEA Form 4160/1 (NAVSEA/SPAWAR) Technical Manual Deficiency/Evaluation Report (TMDER) at web site <https://nsdsa.nmci.navy.mil> or mail directly to: Commander, Code 310 TMDERs, NAVSURFWARCEM DIV NSDSA, 4363 Missile Way BLDG 1389, Port Hueneme CA 934043-4307.

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CHAPTER 1

GENERAL INFORMATION

SCOPE

Type of Manual. Operator's manual.

Model Number and Equipment Name. M9 9MM Semi-automatic Pistol.

M9A1,9MM Semi-automatic Pistol. (USMC only)

GO Pistol, 9MM Semi-automatic Pistol.

Purpose of Equipment. The purpose of the M9/M9A1 pistol is to provide personnel with an offensive/defensive capability to engage targets in the field. These weapons provide a lightweight, operator friendly, flexible, lethal, and reliable tool.

MAINTENANCE FORMS, RECORDS, AND REPORTS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by (as applicable) DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual; DA PAM 738-751, Functional Users Manual for the Army Maintenance Management Systems-Aviation (TAMMS-A); or AR 700-138, Army Logistics Readiness and Sustainability.

Maintenance forms and records used by Air Force personnel are prescribed in AFI 21-101 and the applicable TO 00-20, Series Technical Orders.

Department of Navy organizations and commands will follow OPNAVINST 4790.16 Condition-Based Maintenance and Condition-Based Maintenance Plus Policy regarding the implementation of local maintenance policy. Marine Corps users refer to TM 4700-15/1, Ground Equipment Record Procedures.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR)

If your M9/M9A1 pistol needs improvement, let us know. Send us an EIR. You, the user,

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR) - Cont.

are the only one who can tell us what you do not like about your equipment. Let us know why you do not like the design of performance.

Army users all non-Aviation/Missile EIRs and PQDRs must be submitted through the Product Data Reporting and Evaluation Program (PDREP) Web site. The PDREP site is: <https://www.pdrep.csd.disa.mil/>. If you do not have Internet access, you may submit your information using an SF 368 (Product Quality Deficiency Report). You can send your SF 368 using email, regular mail, or fax using the addresses/fax numbers specified in DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual. We will send you a reply.

Air Force users submit Materiel Deficiency Report (MDR) and Product Quality Deficiency Report to WR-ALC/LZBS, Robins AFB GA 31098-5609 in accordance with TO 00-35D-54 Materiel Deficiency Reporting and Investigating System.

Navy users, EIRs shall be submitted via Product Quality Deficiency Report (PQDR) or Conventional Ordnance Deficiency Reports (CODR) at <https://awis.navair.navy.mil/AWIS/index.asp> using the Deficiency Report System (DRWEB) application. Users may also send EIRs via letter directly to: Commanding Officer, Code JXN, Bldg. 3422, NAVSURFWARCENDIV, 300 Hwy 361, Crane, IN 47522-5001 or submit via email: smallarms@navy.mil.

Marine Corps users submit QDR's or SF 368 in accordance with MCO 4855.10 to: Commanding General, Marine Corps Logistics Base (Code 808), Albany, GA 31704-5000.

CORROSION PREVENTION AND CONTROL

Corrosion Prevention and Control (CPC) of Army materiel is a continuing concern. It is important that any corrosion problems with this item be reported so the problem can be corrected and improvements can be made to prevent the problem in future items.

Corrosion specifically occurs with metals. It is an electrochemical process that causes the degradation of metals. It is commonly caused by exposure to moisture, acids, bases, or salts. An example is the rusting of iron. Corrosion damage in metals can be seen, depending on the metal, as tarnishing, pitting, fogging, surface residue, and/or cracking. Plastics, composites, and rubbers can also degrade. Degradation is caused by thermal (heat), oxidation (oxygen), solvency (solvents), or photolytic (light, typically UV) processes. The most common exposures are excessive heat or light. Damage from these processes will appear as cracking, softening, swelling, and/or breaking.

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 ensure that the information is identified as a CPC problem. Army users submit SF 368, Product Quality Deficiency Report, to: ATTN: AMSTA-AR-QAW-C, TACOM-ARDEC, 6501 E. 11 Mile Road, Warren, MI 48397-5000. Air Force users submit Material Deficiency Report (MDR) and Quality Deficiency Report (QDR) to Director Material Management, ATTN: MMOA, Robins AFB, GA 31098-1604.

CORROSION PREVENTION AND CONTROL - Cont.

Marine Corps users submit Materiel Deficiency Report (MDR) to Commanding General, Code 808-1, Marine Corps Logistics Base, Albany, GA 31704-5000.

Navy users shall submit letter or SF 368 (Product Quality Deficiency Report) directly to: Commander, Code JXN, Bldg 3422, NAVSURFWARCENDIV, 300 Hwy 361, Crane, IN 47522-5001, smallarms@navy.mil.

Coast Guard users submit memorandum to COMDT (CG-721), 2703 Martin Luther King Jr. Ave SE Stop 7331, Washington, DC 20593-7331.

HAZARDOUS WASTE DISPOSAL INFORMATION

When servicing this weapon, performing maintenance, or disposing of materials such as: cleaning fluids, dry cleaning solvents, lubricants, waste thread locking compounds, and waste CARC mixtures (or items, such as cleaning rags, contaminated with these substances) consult your unit/local hazardous waste disposal center or safety office for local regulatory guidance. If further information is needed, please contact The Army Environmental Hotline at 1-855-846-3940/ OCONUS: 210-466-1590 or online at <http://www.aec.army.mil/ContactUs.aspx>. Accidental or intentional introduction of contaminants into the environment violates military, state, and federal regulations. Failure to comply may adversely affect the public or environment.

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Procedures and materials used for the destruction of the pistol to prevent enemy use are be found in TM 750-244-7.

PREPARATION FOR STORAGE OR SHIPMENT

Requirements for storage will be in accordance with DOD 5100.76-M, Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives, and follow guidance in AR 190-11, Physical Security of Arms, Ammunition and Explosives.

For Air Force only-Air Force personnel will follow guidance in DOD 5100.76-M, Physical Security of Sensitive Conventional Arms, Ammunition and Explosives and Specialized Packaging Instruction (SPI) 00-317-2468 for shipment and storage.

NOMENCLATURE CROSS REFERENCE LIST**Common****Official**

Magazine.....	Magazine, Round
Extractor/Loaded Chamber Indicator.....	Extractor
Slide.....	Slide Assembly
Magazine Release Button.....	Magazine Catch Assembly
Round.....	Cartridge
Decocking/Safety Lever.....	Safety w/Lever

NUCLEAR, BIOLOGICAL AND CHEMICAL (NBC)

General procedures can be found in FM 3-11.3, FM 3-11.4, and FM 3-11.5.

Air Force will follow procedures in Air Force Handbook 32-4014, USAF Ability to Service and Operate Procedures in a Nuclear, Biological, and Chemical (NBC) Environment.

END OF WORK PACKAGE

The M9/M9A1 Pistol has a short recoil system using a falling locking block.

Upon firing, the pressure developed by the combustion gases recoils the slide-barrel assembly. After a short run, the locking block will stop the rearward movement of the barrel and release the slide that will continue its rearward movement. The slide will then extract and eject the fired round case, cock the hammer and compress the recoil spring. Then the slide moves forward, feeding the next round from the magazine into the chamber.

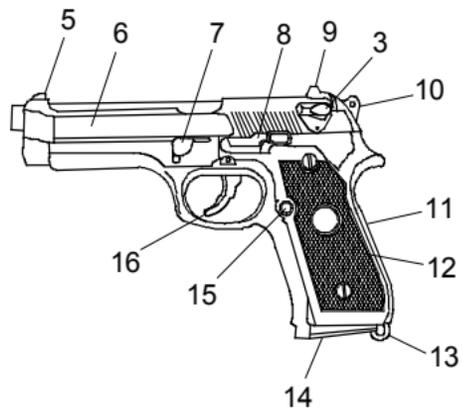
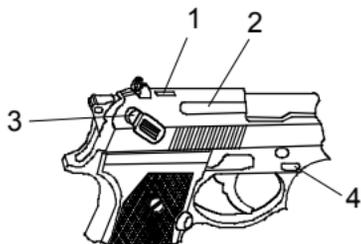
The slide should remain locked to the rear and the chamber open after the last round has been fired and ejected if the magazine is present.

The M9A1 Pistol has an integrated rail built into the receiver. (USMC only)

EQUIPMENT DESCRIPTION (cont)**0002 00**

1. Firing Pin Block
2. Extractor/Loaded Chamber Indicator Catch
3. Decocking/Safety Lever
4. Disassembly Button
5. Front Sight
6. Slide Assembly
7. Disassembly Lever
8. Slide Stop
9. Rear Sight
10. Hammer
11. Receiver
12. Grip
13. Lanyard Loop
14. Magazine (Seated)
15. Magazine Release Button
16. Trigger

0002 00-2



END OF WORK PACKAGE

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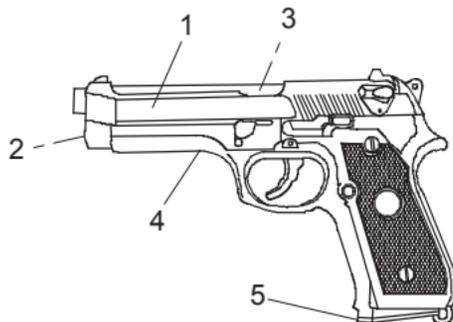
LOCATION AND DESCRIPTION OF MAJOR COMPONENTS

0003 00

SLIDE ASSEMBLY (1) - Houses the firing pin, striker, and extractor, and cocks hammer during recoil cycle, the slide assembly also houses the decocking/safety lever.

RECOIL SPRING AND RECOIL SPRING GUIDE (2) - Absorbs recoil and returns the slide assembly to its forward position.

BARREL ASSEMBLY (3) - Houses round for firing, directs projectile, and locks barrel in position during firing.



2LR0002

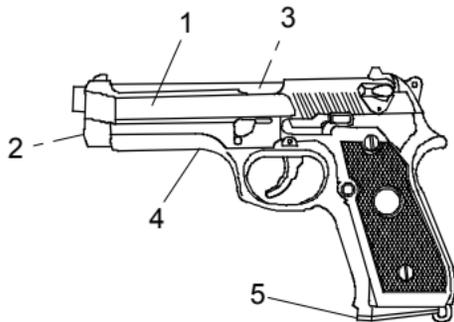
0003 00-1

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS (cont)

0003 00

RECEIVER (4) - Serves as a support for all major components. Houses action of pistol through four major components, and controls functioning of pistol. The M9A1 has an integrated rail on the receiver just forward of the trigger housing. (USMC only).

MAGAZINE (5) - Holds 15 cartridges in place for stripping and chambering.



2LR0002

END OF WORK PACKAGE

0003 00-2

NOTE

Equipment data for the M9 and M9A1 Pistols are the same.

Caliber	9 x 19mm (9mm NATO)
System of operation.....	Short recoil, semiautomatic
Locking system.....	Delayed locking block
Length.....	217mm (8.54 in.)
Width	38mm (1.50 in.)
Height.....	140mm (5.51 in.)
Weight (W/empty magazine)	960 gr (33.86 oz)
Weight (w/15 round magazine).....	1145 gr (40.89 oz)
Barrel length.....	125mm (4.92 in.)
Rifling.....	R.H., 6 groove (pitch 250mm (approx. 1 turn in 10 in.))
Muzzle velocity	375 meters/sec (1230.3 ft/sec)
Muzzle energy	569.5 newton meters (420 ft/lbs)
Maximum effective range.....	50 meters (54.7 yards)
Maximum range	1800 meters (1969.2 yards)

EQUIPMENT DATA (cont)

0004 00

Front sight	Blade, integral with slide
Rear sight	Notched bar, dovetailed to slide
Sighting line	158mm (6.22 in.)

Safeties:

- Manual decocking/safety lever, located on the slide, which separates the firing pin from the hammer, lowers the hammer when cocked, and interrupts the connection between trigger and sear.
- Firing pin block, prevents any motion of the firing pin and is overcome only by pulling the trigger.

Hammer (half cock)	Helps prevent accidental discharge
Magazine	Staggered, 15 round capacity
Slide	Held open upon firing of last round when magazine is present
Grips	Plastic, checkered

END OF WORK PACKAGE

0004 00-2

CHAPTER 2
OPERATING PROCEDURES



EXPLOSION

WARNING

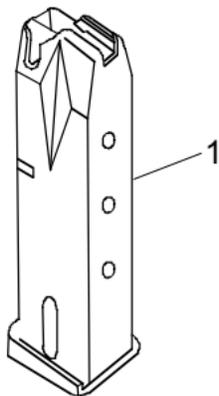
Accidental pistol firing can occur when carrying the pistol with the finger within the trigger guard. Always keep the finger outside the trigger guard except when preparing to fire. Make sure the pistol is not loaded by inspecting the magazine and chamber when not prepared to fire. Failure to comply can result in personnel injury or death.

DOUBLE/SINGLE ACTION - For double action, pulling the trigger will cock the hammer and immediately release it, discharging the first chambered round. To fire the first chambered round in single action, the hammer must be manually locked to the rear (fully cocked position) before pulling the trigger. All shots after the first one will be fired single action because the slide automatically cocks the hammer after each shot.

**DESCRIPTION AND USE OF
OPERATOR'S CONTROLS AND INDICATORS (cont)**

0005 00

MAGAZINE (1) - Has a 15 round capacity.

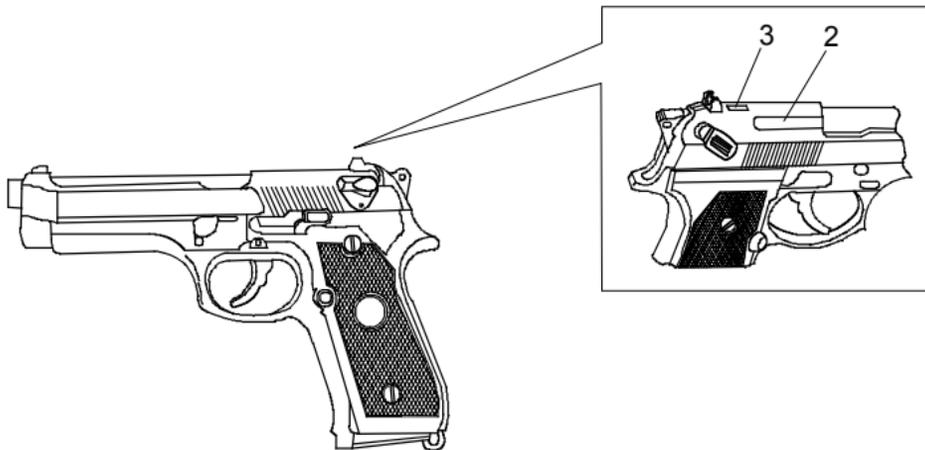


NOTE

In non-tactical situations, visual inspection of the chamber is recommended.

0005 00-2

EXTRACTOR/LOADED CHAMBER INDICATOR (2) - When there is a round in the chamber, the upper surface of the extractor protrudes from the right side of the slide. In the dark, the protrusion can be felt by touch. The loaded chamber indicator should be used in tactical situations when visibility is limited or where visual inspection of the chamber is not desirable.



2LR0003

0005 00-3



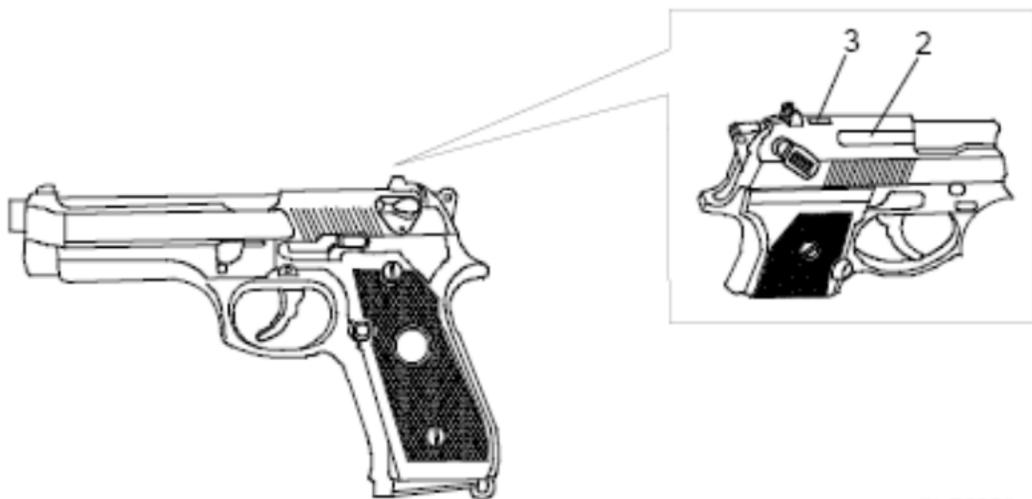
EXPLOSION

WARNING

A missing or damaged (does not return to flush with the slide surface after firing) firing pin block can allow the pistol to fire if dropped.

Ensure the firing pin block is not damaged and has returned to being flushed with the pistol slide after completion of the firing task. Failure to comply can result in personnel injury or death.

FIRING PIN BLOCK (3) - Unless the trigger is squeezed, the firing pin block secures the firing pin and prevents it from moving forward, even if the pistol is dropped.



2LR0003

0005 00-5



EXPLOSION

WARNING

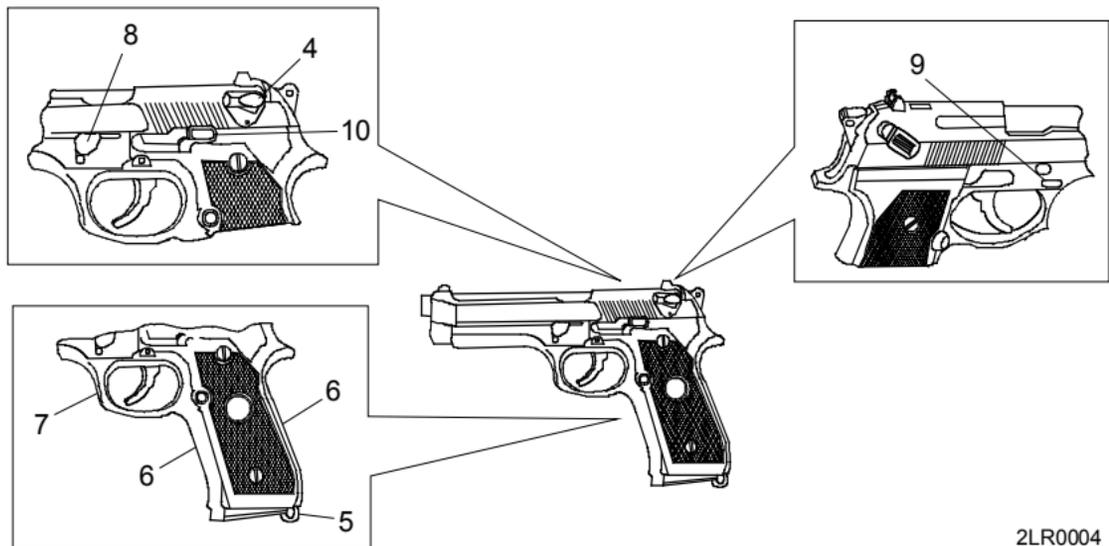
The decocking/safety lever can be moved to the fire (up) position with a minimum amount of force, this can occur during pistol removal/insertions into the holster. Carefully remove/insert the pistol into the holster and when removing from the holster verify the cocking/safety lever is in the safe (down) position. Failure to comply can result in personnel injury or death.

DECOCKING/SAFETY LEVER (4) - Allows safe operation of the pistol by both right and left handed users, and lowers the hammer without causing an accidental discharge. Pistol is shown with decocking/safety lever in the fire (up) position. When hammer is cocked, it may be safely lowered by moving the decocking/safety lever to the safe (down) position.

LANYARD LOOP (5) - Compatible with standard lanyards.

RECEIVER (6) AND TRIGGER GUARD (7) - The front and back straps of the grip are vertically grooved to ensure a firm grip even with wet hands, or under conditions of rapid combat fire. The trigger guard (7) is extended, and the concave forward portion is grooved for a firm grip when using two hands or gloves. The M9A1's integrated rail allows for use of sighting devices.

DISASSEMBLY LEVER (8) AND DISASSEMBLY BUTTON (9) - Allows for quick field stripping, and at the same time prevents accidental disassembly.



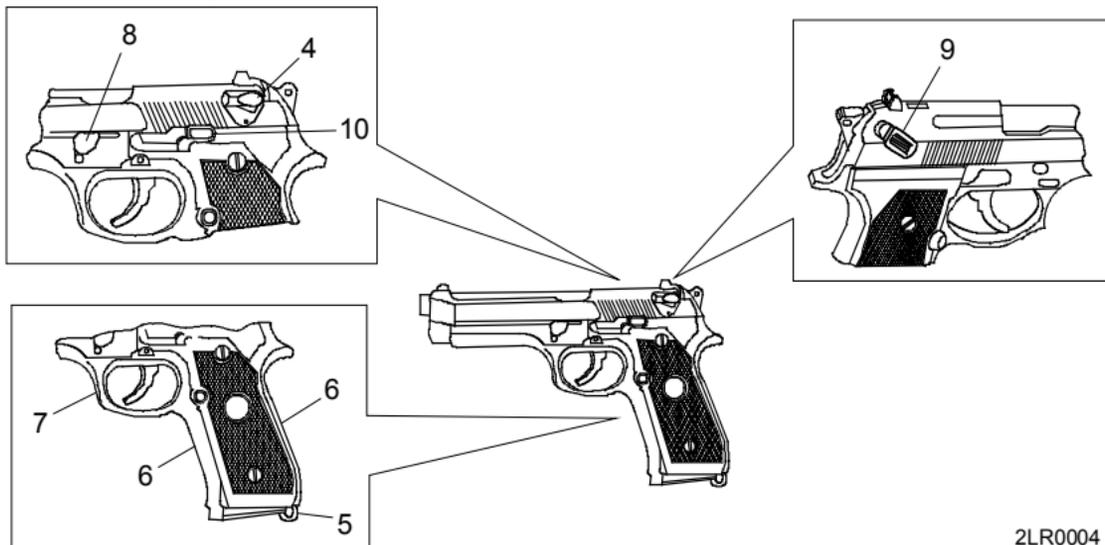
0005 00-7

2LR0004

DESCRIPTION AND USE OF OPERATOR'S CONTROLS AND INDICATORS (cont)

0005 00

SLIDE STOP (10) - Holds the slide to rear after the last round is fired. It can also be manually operated.



2LR0004

END OF WORK PACKAGE

0005 00-8

**EXPLOSION****WARNING**

Accidental pistol firing can occur when carrying the pistol with the finger within the trigger guard. Always keep the finger outside the trigger guard except when preparing to fire. Make sure the pistol is not loaded by inspecting the magazine and chamber when not prepared to fire. Failure to comply can result in personnel injury or death.

The weapon will fire any time the trigger is squeezed. For safety, the hammer should always be lowered to the fully down position by depressing the decocking/safety lever when not firing the pistol. Failure to comply can result in personnel injury or death.

PREPARATION FOR FIRING

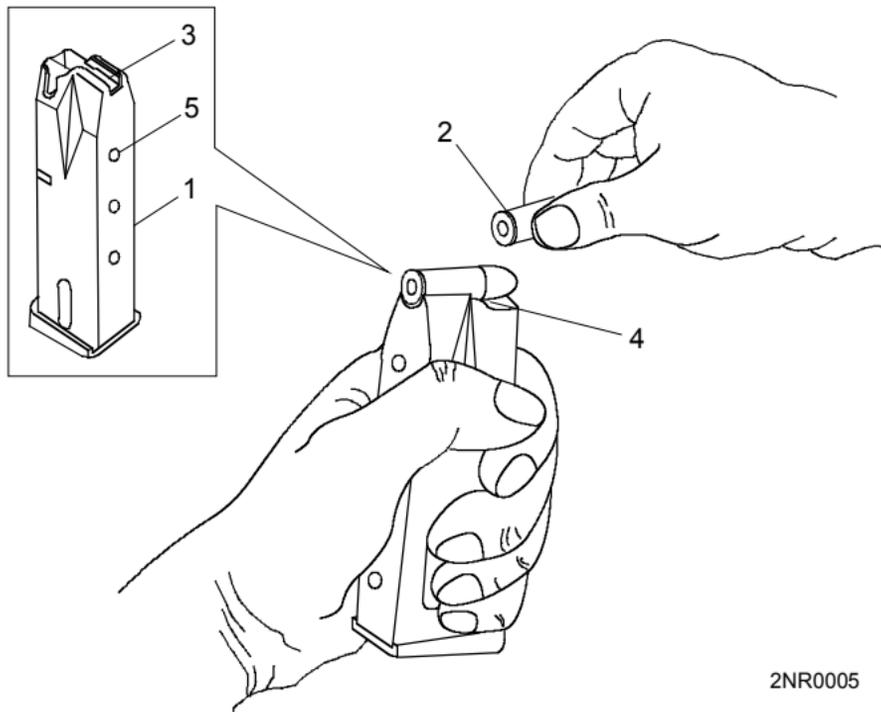
Perform the BEFORE (B) PMCS (WP 0010 00).

LOADING THE MAGAZINE**NOTE**

Do not store magazines with ammunition in them.

Hold the magazine (1) in one hand. With the other hand place a round (2) on the follower (3) in front of the lips (4). Press down and slide the round completely back under the lips.

Repeat above step until the magazine is fully loaded (15 round). Holes (5) on the backside of the magazine allow for visual counting of round.



0006 00-3

2NR0005

LOADING THE PISTOL**EXPLOSION****WARNING**

The pistol will fire anytime the trigger is squeezed. The M9/M9A1 incorporates single and double action modes of fire. The pistol will fire when squeezing the trigger with the decocking/safety lever is in the fire (up) position and a round in the chamber while the hammer is down, halfcocked, or full cocked position. Always keep the pistol pointed in a safe direction. Failure to follow can result in personnel injury or death. Pistol can fire accidentally or inadvertently if loaded. Never point the pistol at personnel or targets not intended to be fired upon when loading, clearing, or firing. Always keep pistol aimed in a safe direction. Personnel injury or death can result for failing to follow these precautions.

NOTE

The decocking/safety lever should be in the down position that indicates the pistol is in a safe condition before loading.

NOTE (Navy only)

Weapon Conditions: A weapon's readiness is described by one of four conditions. The following steps in the loading and unloading/cleaning process take the pistol through four specific conditions of readiness for live fire:

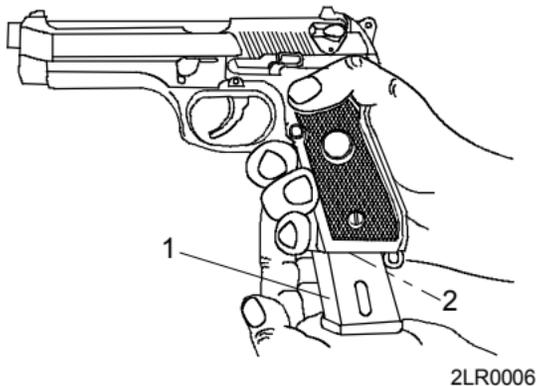
CONDITION 1: Safety on, magazine inserted, round in chamber, slide forward.

CONDITION 2: Not applicable.

CONDITION 3: Safety on, magazine inserted, chamber empty, slide forward.

CONDITION 4: Safety on, magazine removed, chamber empty, slide forward.

Insert the loaded magazine (1) into the magazine well (2) of the pistol until a click of the magazine catch is heard. This will ensure proper catch engagement.



EXPLOSION

WARNING

The pistol has a round loaded in the chamber. The pistol is now loaded and ready to fire. Do not point the pistol in the direction of personnel. Failure to comply can result in personnel injury or death.

With the pistol pointing in a safe direction, grasp the serrated portion of the slide and pull to the rear. Releasing the slide will strip a round from the magazine and chamber it.

0006 00-5

NOTE

- For double action firing, the hammer must be in the forward or half cocked position, and the decocking/safety lever in the fire position.
- For single action firing, squeezing the trigger will cock and release the hammer, firing the pistol.

After the first shot the pistol will continually fire in the single action mode. When the hammer is in the down position, the single action firing mode can be accomplished by manually cocking the hammer with the thumb, with the decocking/safety lever in the up (fire) position.

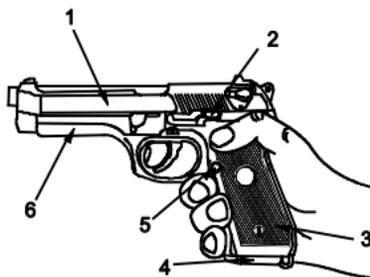
When the last round in the magazine has been fired, the slide should remain to the rear.

Reloading During Shooting

Press magazine catch (5) on receiver (6).

Insert loaded magazine (4) in magazine well (3).

Press down the slide stop (2) or retract slide (1) and release slide.



0006 00-7

WHEN READY TO FIRE

Rotate the decocking/safety lever (1) to the fully upward (fire) position with the thumb. Aim the pistol at the target. Fire by squeezing the trigger (2).

**EXPLOSION****WARNING**

The pistol has a round loaded in the chamber. The pistol is now loaded and ready to fire. Do not point the pistol in the direction of personnel. Failure to comply can result in personnel injury or death.

**0006 00-8**

2LR0007

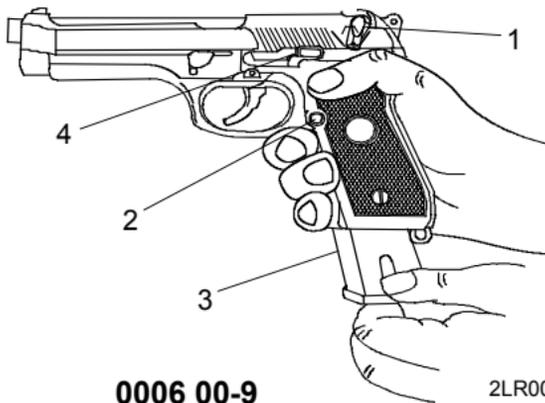
UNLOADING/ CLEARING THE PISTOL

WARNING

Pistol can fire accidentally or inadvertently if loaded. Never point the pistol at personnel or targets not intended to be fired upon when loading, clearing, or firing. Always keep pistol aimed in a safe direction. Personnel injury or death can result for failing to follow these precautions.

Place decocking/safety lever (1) in "safe" (down) position.

Depress the magazine release button (2) to remove the magazine (3) from the pistol.



0006 00-9

2LR0008

With the pistol pointing in a safe direction, grasp the slide serrations and fully retract the slide to eject the chambered round.

Lock the slide to the rear using the slide stop (4), and visually inspect the chamber to ensure that it is empty.

NOTE

Weapon should be stored slide forward and hammer decocked.

UNLOADING THE MAGAZINE

With one hand, hold the magazine upright with front end forward. With the thumb, firmly press down on the round rim and push forward. As the round moves forward, tip it upward and out with the index finger.

Repeat the above step until the magazine is empty.

NOTE

Do not leave ammunition in magazine when not in use. Doing so will cause a permanent set to the spring.

END OF WORK PACKAGE**0006 00-10**

**EXPLOSION****WARNING**

Accidental pistol firing can occur when carrying the pistol with the finger within the trigger guard. Always keep the finger outside the trigger guard except when preparing to fire. Make sure the pistol is not loaded by inspecting the magazine and chamber when not prepared to fire. Failure to comply can result in personnel injury or death.

The weapon will fire any time the trigger is squeezed. For safety, the hammer should always be lowered to the fully down position by depressing the decocking/safety lever when not firing the pistol. Failure to comply can result in personnel injury or death.

CAUTION

If extensive corrosion is found and cleaning does not solve the problem, notify field maintenance.

NOTE

Unusual conditions are defined as any climatic condition requiring special maintenance of the pistol.

Perform the maintenance outlined for the climate that most applies to your operational area. Refer to WP 0011 00 for lubrication instructions.

EXTREME COLD

When operating pistol in extreme cold climates, clean and lubricate the pistol inside at room temperature if possible.

Apply a light coat of CLP/LAW (item 3 or 4, WP 0019 00) to all functional parts.

To prevent freezing, keep the pistol covered when moving from a warm to a cold area. This will allow gradual cooling.

Always keep the pistol dry.

Do not lay a hot pistol in snow or ice.

Keep ammunition dry; moisture will cause malfunctions. Do not lubricate the ammunition.

Always keep snow out of the bore of the barrel. If snow should get into the bore, clean the bore before firing using a swab and cleaning rod.

HOT, WET CLIMATES

Perform maintenance more frequently. Inspect hidden surfaces for corrosion. If corrosion is found, clean and lubricate.

To help prevent corrosion, remove handprints with a cloth. Dry and lubricate the pistol with CLP/LSA (item 3 or 5, WP 0019 00).

Check ammunition and magazines frequently for corrosion. Clean the magazine using CLP/LSA and wipe dry with a cloth. If necessary, clean ammunition with a dry cloth.

Always keep mud out of the bore of the barrel. If mud should get into the bore, clean the bore before firing using a swab and cleaning rod.

HOT, DRY CLIMATES

Dust and sand will get into pistol and cause malfunctions and excessive wear on component contact surfaces during firing. Keep pistol covered when possible.

Corrosion is less likely to form on metal parts in a dry climate. Therefore, clean frequently and generously lubricate internal working surfaces only with CLP/LSA (item 3 or 5, WP 0019 00). Do not lubricate external parts of the pistol. Wipe any excess lubricant from exposed surfaces. Do not lubricate internal components of magazine.

HEAVY RAIN AND FORDING OPERATIONS - ALL CLIMATES

Perform maintenance in accordance with appropriate climatic conditions.

Always attempt to keep pistol dry.

Always drain any water from barrel prior to firing. Dry the bore with a swab and cleaning rod.

Lightly lube the bore and chamber. Generously lube internal and external surfaces of the pistol with CLP /LAW/LSA (item3, 4 or 5, WP 0019 00).

IMMEDIATE ACTION

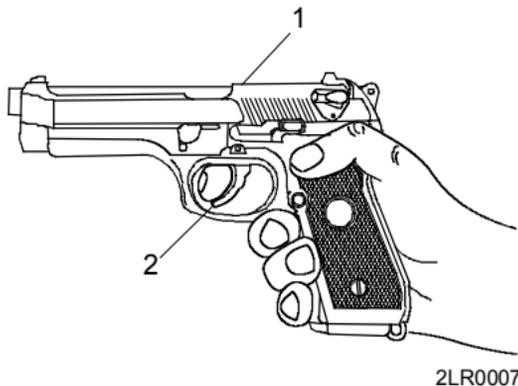
Immediate action is the prompt action taken by the user to correct a stoppage. The procedure for applying immediate action should become automatic to the user, without the user attempting to discover the cause of the stoppage. It is important that the user apply immediate action automatically to correct a stoppage.

**EXPLOSION****WARNING**

The pistol can fire anytime a round is in chamber after a misfire/ stoppage has occurred. Always keep the pistol pointed in a safe direction. Failure to comply can result in personnel injury or death.

When the slide (1) is fully forward and the pistol fails to fire, apply immediate action as follows:

Ensure that decocking/safety lever is in the fire (up) position. Ensure that the magazine is fully seated, retract the slide and barrel assembly to the rear and release to chamber next round.



2LR0007

Squeeze the trigger (2).

If the pistol still does not fire, remove the magazine and retract the slide to eject the chambered round. Insert a new magazine; retract the slide and release to chamber another round.

Squeeze the trigger.

0008 00-3

If the pistol still does not fire, replace the ammunition.

If the pistol still does not fire, clear/unload the pistol, refer to WP 0006 00 to determine cause of stoppage. If the operator cannot determine cause, evacuate the pistol to field level maintenance repair level.



EXPLOSION

WARNING

When the slide does not fully seat forward do not attempt to fire the pistol. Keep the pistol pointed in a safe direction. Failure to comply may result in damage to the pistol or personnel injury.

When the slide is not fully seated forward, remove finger from the trigger. With the other hand, attempt to push the slide fully forward. If the slide will not move forward, proceed as follows:

Place decocking/safety lever in safe (down) position.

Remove magazine.

Grasp the slide and retract to the rear, locking it with the slide stop.

Inspect the chamber and bore and remove any obstruction.

Insert another loaded magazine into the pistol.

Release slide.

Place decocking/safety lever in fire (up) position, aim and attempt to fire.

**EXPLOSION****WARNING**

If a round has been assembled without powder, the primer alone has enough power to expel the bullet from the case and cause it to be lodge in the bore. A bullet lodged in the bore may destroy the pistol if another round is fired. When firing a round, if the recoil or sound level are not what is expected then cease fire and inspect the pistol for an obstructed barrel. Failure to comply can result in damage to the pistol and/or personnel injury.

In a non-tactical situation, clear/unload the pistol.

If the pistol does not fire after the application of immediate action above, a detailed inspection should be made to determine the cause of the stoppage (WP 0009 00). If the operator cannot determine the cause, evacuate the pistol to field level maintenance authorized repair level.

END OF WORK PACKAGE

CHAPTER 3

MAINTENANCE PROCEDURES

GENERAL

This table lists the common malfunctions that you may find during the operation or maintenance of the pistol or its components. You should perform the tests/inspections and corrective actions in the order listed.

This manual cannot list all the malfunctions that may occur, nor all tests or inspections and corrective actions. If a malfunction is not listed or is not corrected by listed corrective actions, notify field maintenance.

WARNING

Pistol can fire accidentally or inadvertently. Never point the pistol at personnel or targets not intended to be fired upon when loading, clearing, or firing. Always keep pistol aimed in a safe direction. Personnel injury or death can result for failing to follow these precautions.

**EXPLOSION****WARNING**

An uncleared pistol can be discharged during troubleshooting procedures. Before performing any troubleshooting procedures, ensure the pistol is clear/unloaded in accordance with unloading/clearing procedures (WP 0006 00). Failure to comply can result in personnel injury or death.

NOTE

In this table, evacuate to field maintenance also means evacuate to the next higher level of maintenance.

SYMPTOM

Ammunition does not feed.

MALFUNCTION

Improperly positioned top round in magazine (1).

CORRECTIVE ACTION

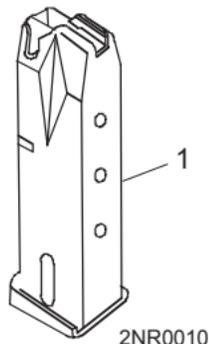
Reload magazine.

MALFUNCTION

Dirty or rusty magazine.

CORRECTIVE ACTION

Properly clean and lubricate magazine (WP 0013 00).



MALFUNCTION

Improperly assembled magazine.

CORRECTIVE ACTION

Assemble magazine correctly (WP 0012 00).

MALFUNCTION

Broken, damaged or bent parts in magazine.

CORRECTIVE ACTION

Replace magazine.

MALFUNCTION

Dirty or damaged ammunition.

CORRECTIVE ACTION

Clean or replace ammunition.

MALFUNCTION

Parts missing, damaged or broken parts.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

SYMPTOM

Ammunition does not chamber.

MALFUNCTION

Dirty or damaged ammunition.

CORRECTIVE ACTION

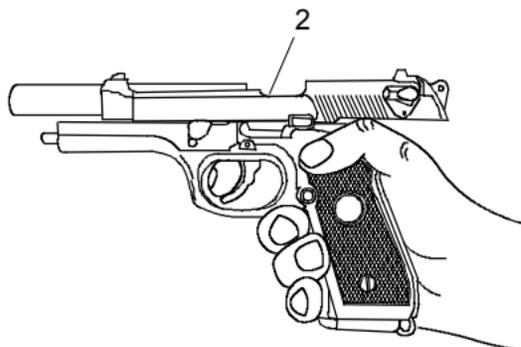
Clean/replace ammunition.

MALFUNCTION

Obstructions or dirt in the chamber (2) and/or bore.

CORRECTIVE ACTION

Clean chamber and bore (WP 0013 00).



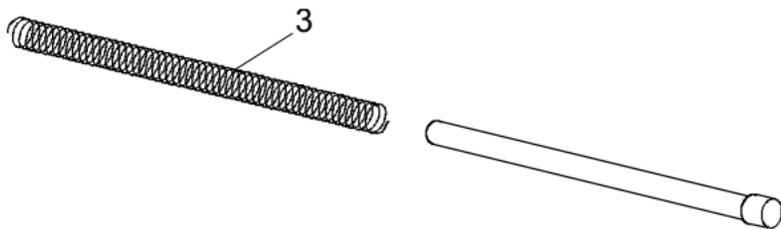
2LR0011

MALFUNCTION

Damaged or broken recoil spring (3).

CORRECTIVE ACTION

Evacuate pistol to field maintenance.



2LR0012

0009 00-5

SYMPTOM

Slide does not lock fully forward.

MALFUNCTION

Dirty/corroded locking block lugs.

CORRECTIVE ACTION

Clean pistol (WP 0013 00).

MALFUNCTION

Lack of lubrication.

CORRECTIVE ACTION

Lubricate pistol (WP 0013 00).

MALFUNCTION

Broken or damaged locking block lugs.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

MALFUNCTION

Damaged or broken recoil spring.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

MALFUNCTION

Damaged or burred slide.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

SYMPTOM

Pistol does not fire.

MALFUNCTION

Decocking/safety lever improperly positioned.

CORRECTIVE ACTION

Place decocking/safety lever in fire (up) position.

SYMPTOM (cont)

Pistol does not fire.

MALFUNCTION

Faulty ammunition.

CORRECTIVE ACTION

Replace ammunition.

MALFUNCTION

Light or no firing pin indent of primer.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

MALFUNCTION

Hammer does not fall.

CORRECTIVE ACTION

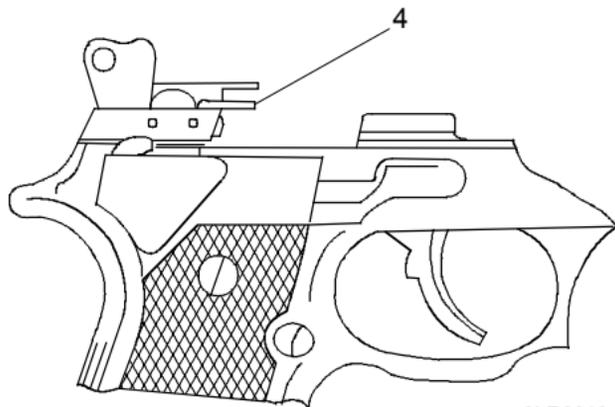
Evacuate pistol to field maintenance.

MALFUNCTION

Broken firing pin block lever (4).

CORRECTIVE ACTION

Evacuate to field maintenance.



2LR0013

0009 00-9

SYMPTOM

Slide does not unlock.

MALFUNCTION

Faulty ammunition, as determined by short recoil.

CORRECTIVE ACTION

Check bore and replace ammunition.

MALFUNCTION

Broken or damaged locking block and lugs.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

MALFUNCTION

Damaged or broken slide.

CORRECTIVE ACTION

Evacuate to field maintenance.

MALFUNCTION

Burred/deformed chamber/feed ramp.

CORRECTIVE ACTION

Evacuate to field maintenance.

SYMPTOM

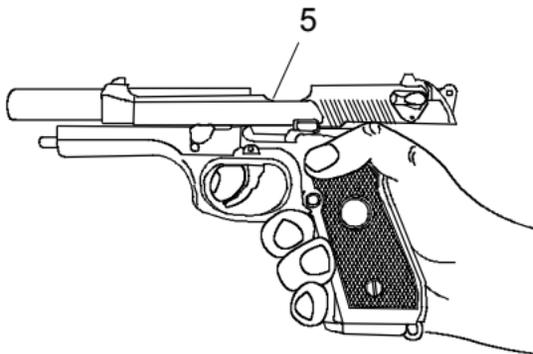
Round does not extract.

MALFUNCTION

Dirty or obstructed chamber (5).

CORRECTIVE ACTION

Clean chamber and barrel
(WP 0013 00).



2LR0014

SYMPTOM (cont)

Round does not extract.

MALFUNCTION

Dirty or corroded ammunition.

CORRECTIVE ACTION

Replace ammunition.

MALFUNCTION

Pitted or damaged chamber.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

MALFUNCTION

Broken or weak extractor spring.

CORRECTIVE ACTION

Evacuate pistol to field maintenance if there is little or no resistance.

MALFUNCTION

Damaged or broken extractor.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

SYMPTOM

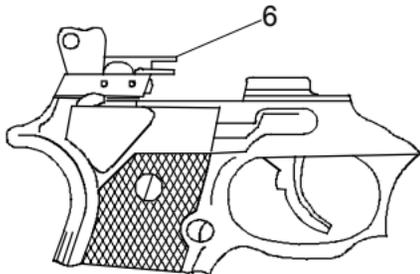
Round does not eject.

MALFUNCTION

Ejector (6) is broken.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.



2LR0015

SYMPTOM

Hammer does not cock with decocking/safety lever in fire (up) position.

MALFUNCTION

Hammer drops with weapon in FIRE; will not stay cocked.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

SYMPTOM

Hammer does not decock with decocking/safety lever in safe (down) position.

MALFUNCTION

Hammer stays cocked.

CORRECTIVE ACTION

Evacuate pistol to field maintenance.

END OF WORK PACKAGE

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

0010 00

GENERAL

Always keep in mind the WARNINGS and CAUTIONS before and during operation. Be sure to perform your after (A) PMCS.

Perform BEFORE PMCS if:

- You are the assigned operator and the pistol has been stored and not used for a period of 90 days.
- You have been issued the pistol for the first time.

BEFORE (B) - Checks and services performed prior to the equipment leaving its containment area or performing its intended mission.

DURING (D) - Checks begin when the equipment is being used in its intended mission.

0010 00-1

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) (cont)

0010 00

AFTER (A) - Checks and services begin when the equipment is taken out of its mission mode or returned to its containment area.

Your PMCS table lists inspections and care required to keep your M9 pistol in good operating condition.

The interval column tells you when and the procedure column tells you how to do a certain check or service. The equipment condition listed in "NOT FULLY MISSION CAPABLE IF" column indicates problems which must be corrected before you can operate the pistol. The terms "ready/available" and "mission capable" refer to the same status: equipment is on hand and is able to perform its combat missions (see DA PAM 750-8).

If your M9 Pistol does not perform as required, refer to Troubleshooting in WP 0009 for possible malfunctions and corrective actions. Report malfunctions on proper DA Form 2404/5988e or refer to DA PAM 750-8. Navy: EIRs shall be submitted via Product Quality Deficiency Report (PQDR) or Conventional Ordnance Deficiency Reports (CODR) at <https://awis.navair.navy.mil/AWIS/index.asp> using the Deficiency Report System (DRWEB) application. Users may also send EIRs via letter directly to: Commanding Officer, Code JXN, Bldg. 3422, NAVSURFWARCENDIV, 300 Hwy 361, Crane, IN 47522-5001 or submit via email: smallarms@navy.mil.

0010 00-2



EXPLOSION

WARNING

A live round in the chamber can be fired accidentally or inadvertently. Before starting an inspection procedures clear the pistol. Inspect the chamber to ensure that it is empty and do not keep live ammunition near work/ maintenance area. Failure to comply can result in personnel injury or death.

Pistol can fire accidentally or inadvertently if loaded. Never point the pistol at personnel or targets not intended to be fired upon when loading, clearing, or firing. Always keep pistol aimed in a safe direction. Personnel injury or death can result for failing to follow these precautions.

NOTE

See WP 0006 00 for unloading/ clearing the pistol and magazine.

If equipment is NOT READY/AVAILABLE, evacuate the pistol to field maintenance repair level as soon as possible.

Pistol should be stored slide and barrel assembly forward with hammer decocked. Magazine should be kept unloaded and separated from pistol. Magazine follower, the magazine floorplate, and the recoil spring guide may be made from synthetic material instead of metal.

**PREVENTIVE MAINTENANCE
CHECKS AND SERVICES (PMCS) (cont)**

0010 00

Table 1. Preventive Maintenance Checks and Services

Item No.	Interval	Item to be Checked/ Serviced	Procedure	Not Fully Mission Capable If:
1	B	Equipment	Check the Basic Issue Items (BI) and assigned Additional Authorized Equipment (AAL) for completeness and serviceability (WP 0017 00 and WP 0018 00).	Components are damaged or missing.

NOTE

Report all damaged or missing parts to field maintenance/
next authorized repair level.

2

B

M9/M9A1
Pistol

Visually inspect the entire pistol
for damage or missing
components; more than 1/3
receiver surface finish missing.

Visually inspect integral rail for
nicks/burrs. (M9A1 only)

Components
are damaged
or missing;
more than 1/3
receiver
surface finish
is missing.

Rail does not
accept
accessory
equipment.



2LR0016

0010 00-5

**PREVENTIVE MAINTENANCE
CHECKS AND SERVICES (PMCS) (cont)**

0010 00

Table 1. Preventive Maintenance Checks and Services (cont)

Item No.	Interval	Item to be Checked/ Serviced	Procedure	Not Fully Mission Capable If:
3	B	Decocking/ Safety Lever	<p>Place decocking/safety lever (1) in safe (down) position, squeeze trigger. Hammer should not move.</p> <p>Place decocking/safety lever in fire (up) position. Squeeze trigger. Hammer should cycle.</p>	<p>Hammer moves to the rear.</p> <p>Hammer does not move to the rear.</p>



0010 00-6

3
(cont)

4

B

Slide
Stop

Place decocking/safety lever (1) in safe (down) position. Manually cock hammer. Hammer should fall.

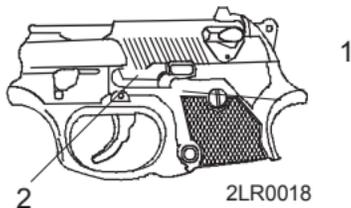
Place decocking/safety lever (1) in fire (up) position. Pull slide and barrel assembly fully to the rear while pushing up on slide stop (2). Slide should lock to the rear.

Insert empty magazine into weapon. Pull slide and barrel assembly fully to rear, slide should lock to the rear.

Hammer remains cocked.

Slide does not lock and slide returns to forward position.

Slide does not lock to rear.



0010 00-7

**PREVENTIVE MAINTENANCE
CHECKS AND SERVICES (PMCS) (cont)**

0010 00

Table 1. Preventive Maintenance Checks and Services (cont)

Item No.	Interval	Item to be Checked/ Serviced	Procedure	Not Fully Mission Capable If:
5	B	Magazine Catch Assembly	Insert an empty magazine into the magazine well until fully seated in place. Hold pistol in an upright position. Magazine should remain seated.	Magazine falls free.



0010 00-8

5
(cont)

6

B

Magazine
Assembly

Prepare to catch magazine. Depress magazine release button (3). Magazine should fall free.

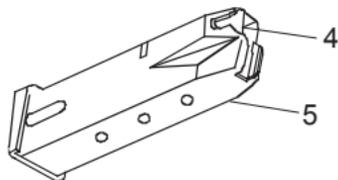
Disassemble magazine (5) and inspect all parts for breaks, cracks, burrs, or bends that hinder functioning.

Depress follower (4) with finger and release. Follower should move freely.

Magazine does not fall freely from weapon.

Parts are broken, cracked, burred or bent.

Follower does not return to upper-most position.



2LR0020

0010 00-9

**PREVENTIVE MAINTENANCE
CHECKS AND SERVICES (PMCS) (cont)**

0010 00

Table 1. Preventive Maintenance Checks and Services (cont)

Item No.	Interval	Item to be Checked/ Serviced	Procedure	Not Fully Mission Capable If:
7	B/D	Pistol and Magazine	<p>Periodically inspect pistol and magazine to ensure that they are clean.</p> <p>Clean and lubricate pistol and magazine daily, when in use (WP 0013 00).</p>	Pistol/magazine are dirty to the extent it prohibits functioning.
8	A	M9/M9A1 Pistol	<p>Disassemble pistol (WP 0012 00). Clean and lubricate according to instructions. Inspect all parts (WP 0012 00) for serviceability.</p>	Pistol is dirty to the extent it prohibits functioning. Parts are missing or damaged.

0010 00-10

9	A	Magazine Assembly	Disassemble magazine (WP 0012 00), clean and lubricate according to instructions (WP 0013 00). Do not lube interior of magazine. Inspect all parts for serviceability.	Parts are missing or damaged.
10	B/A	M9/M9A1 Pistol	Perform Safety/Function Check (WP 0014 00).	Pistol fails any portion of safety/ function check.

END OF WORK PACKAGE

0010 00-11/12 blank

NOTE

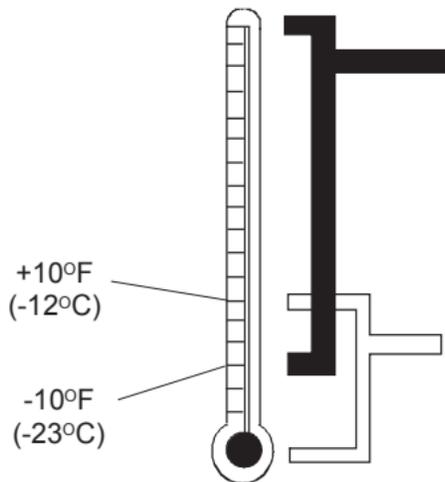
Lubrication instructions are mandatory. Do not mix lubricants on the same weapon. The weapon must be thoroughly cleaned during change from one lubricant to another. Cleaning solvent (available to field maintenance) is recommended for cleaning during change from one lubricant to another. Only lubricants and cleaners specified in this manual are authorized for use on this weapon.

Under all but the coldest arctic conditions, CLP (Item 3, WP 0019 00), LSA (Item 5, WP 0019 00), and LAW (Item 4, WP 0019 00), are the only lubricants to use on your pistol. Remember to remove excessive oil from the bore before firing.

Lightly lube – A film of oil barely visible to the eye.

Generously lube - A film of oil heavy enough to be spread with the finger.

For further lubrication instructions, see Cleaning and Lubrication (WP 0013 00).



2AN0075

CLP - Cleaner, lubricant and preservative (Item 3, WP 0019 00).

LSA - Weapons lubricating oil, semi-fluid (Item 5, WP 0019 00).

Between 10°F (-12°C) and -10°F (-23°C) use CLP, LSA or LAW. Below -10°F (-23°C) use only LAW.

LAW - Weapons lubricating oil, artic (Item 4, WP 0019 00).

END OF WORK PACKAGE

DISASSEMBLY**WARNING**

A live round in the chamber during pistol inspection can be discharged. Ensure the pistol is clear and inspect the chamber is empty before starting any pistol inspection procedure. Do not keep live ammunition near work/maintenance area. Failure to comply can result in personnel injury or death.

CAUTION

Dry firing of the pistol, without a dummy round, should only be done in conjunction with the function checks in PMCS (WP 0010 00). The M917 dummy round should be used in all training actions.

Do not allow the hammer to fall with full force by pulling the trigger when the slide is removed, as damage to the receiver will occur. If necessary, the hammer should be manually lowered.

Before disassembly, ensure that decocking/safety lever is in the safe (down) position.

NOTE

Disassembly of the M9 pistol beyond field strip (operator) level is not authorized.

MAINTENANCE PROCEDURES - FIELD STRIPPING (cont)

0012 00

DISASSEMBLY (cont)

Clear/unload the pistol (WP 0006 00).

Allow slide (2) to return fully forward.

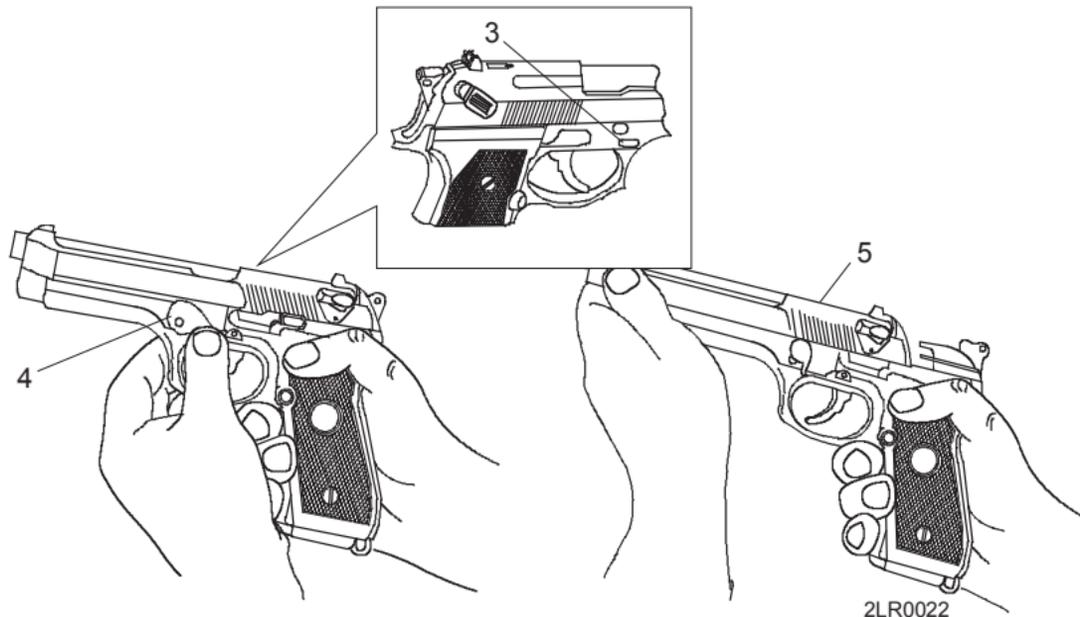


2LR0021

0012 00-2

Hold pistol in the right hand with muzzle slightly elevated. With forefinger press disassembly lever release button (3), and with thumb rotate disassembly lever (4) downward until it stops.

Pull slide and barrel assembly (5) forward and remove.



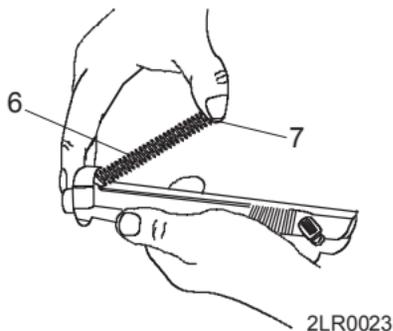
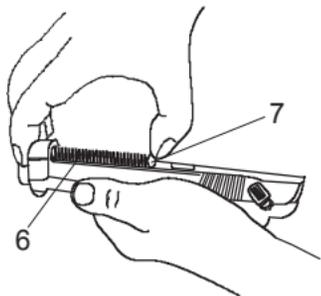
0012 00-3

DISASSEMBLY (cont)

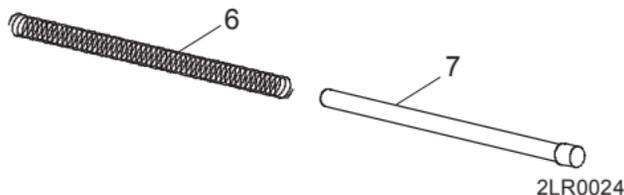
WARNING

Recoil spring is under spring compression. Care must be used when removing/installing the recoil spring and spring guide. When removing/installing the recoil spring, keep pressure on the spring and release the pressure slowly. Failure to comply can cause damage to the spring or injury to personnel.

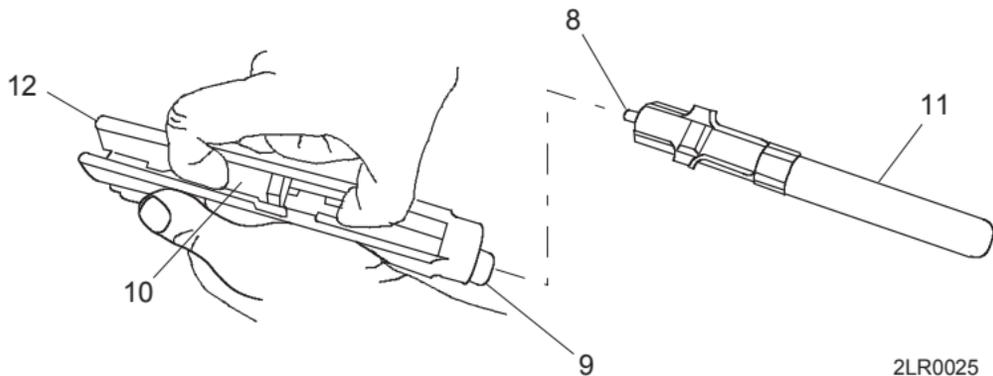
Slightly compress recoil spring (6) and spring guide (7), while at the same time lifting and removing recoil spring (6) and spring guide (7). Allow the recoil spring to expand slowly.



Separate the recoil spring (6) from spring guide (7).



Push in on locking block plunger (8) while pushing barrel (9) forward slightly. Lift and remove locking block (10) and barrel assembly (11) from slide (12).



0012 00-5

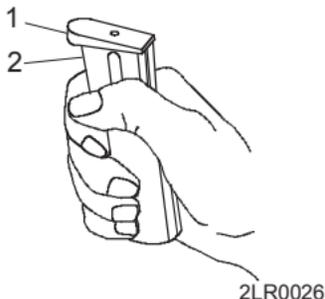
DISASSEMBLY (cont)

NOTE

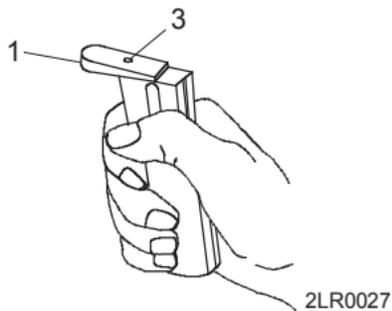
Use the following steps to disassemble the magazine.

Unload the magazine (WP 0006 00).

Grasp the magazine firmly with the floor plate (1) up and the back of the magazine tube (2) against the palm of the hand.



Release the floor plate (1) by pushing down on the floor plate retainer stud (3) in the center of the floor plate (1). At the same time, slide the floor plate (1) forward for a short distance using the thumb.



0012 00-7

DISASSEMBLY (cont)

CAUTION

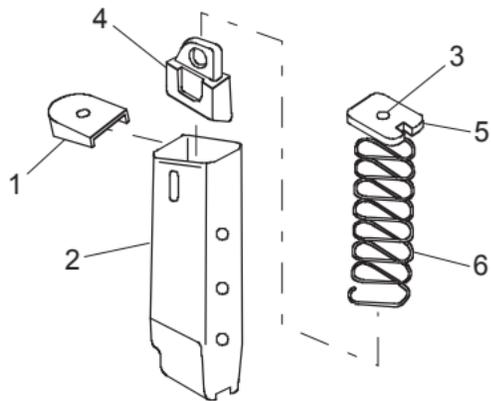
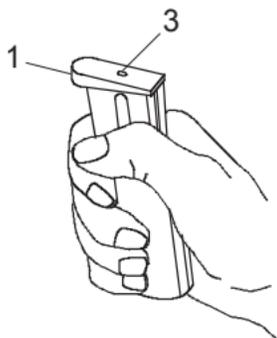
Magazine spring is under slight tension. Use care when removing magazine floor plate.

While maintaining the magazine spring pressure with the thumb, remove the floor plate (1) from the magazine.

Remove the floor plate retainer (5), magazine spring (6) and follower (4) from the magazine tube (2). Remove floor plate retainer (5) from the magazine spring (6).

NOTE

The operator is not authorized disassembly of the M9 pistol beyond field strip.



2LR0028

0012 00-9

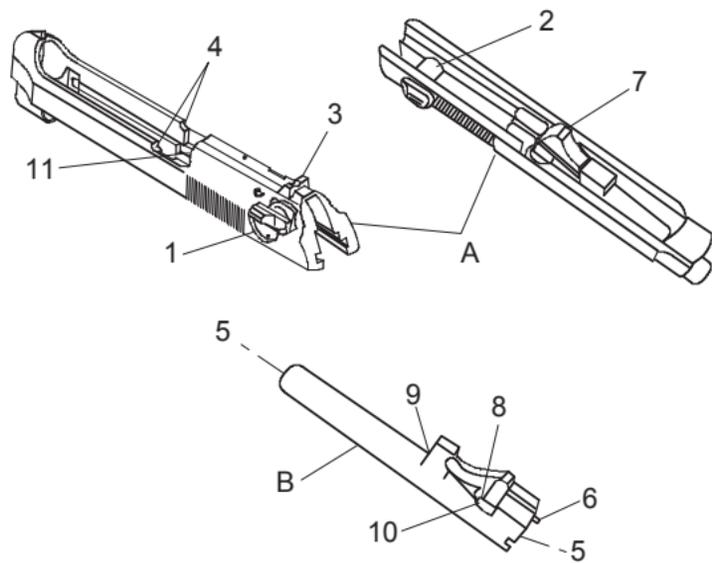
INSPECTION

NOTE

If faults are found during inspection that cannot be corrected, evacuate pistol to field maintenance repair level.

SLIDE ASSEMBLY (A). Check for free movement of decocking/safety lever (1) and push on firing pin block (2). Check for rear sight (3) looseness. Check for cracks in slide and barrel assembly (4).

BARREL ASSEMBLY (B). Inspect bore and chamber (5) for pitting or obstructions. Check locking block plunger (6) for free movement of locking block (7). Inspect locking lugs (8) and barrel lugs (9 and 10) for cracks and burrs. Check slide for cracks in the locking area (11).



2LR0029

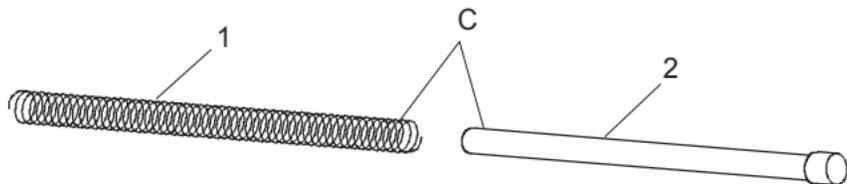
0012 00-11

INSPECTION (cont)

RECOIL SPRING AND RECOIL SPRING GUIDE (C). Check recoil spring (1) for damage. Check that it is not bent. Check recoil spring guide (2) for straightness and smoothness. Check to be sure that it is free of cracks and burrs.

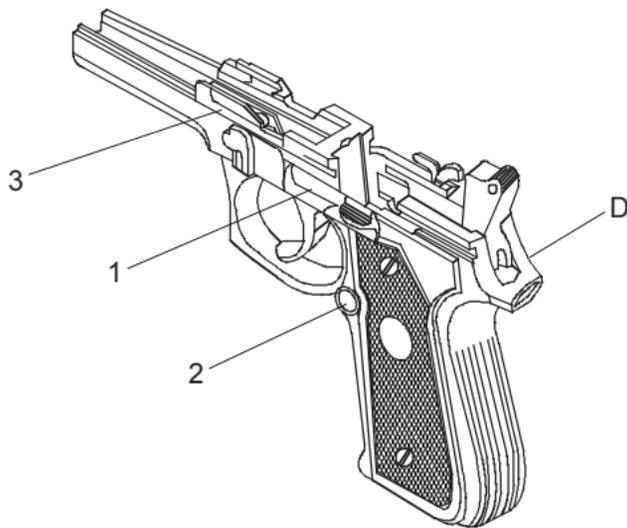
NOTE

Recoil spring guide (2) may be made of synthetic material instead of metal.



2LR0030

RECEIVER ASSEMBLY (D). Check for bends, chips, and cracks. Check for free movement of slide stop (1), and magazine catch assembly (2). Check guide rails (3) for excessive wear, burrs, cracks, or chips.



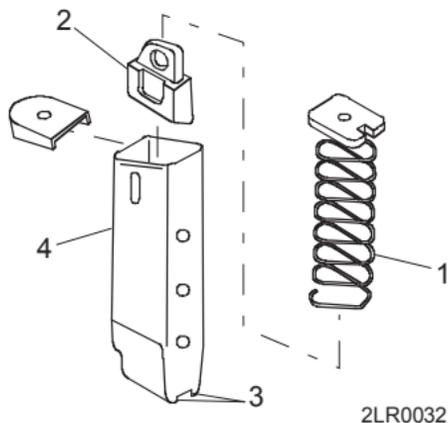
2LR0030

0012 00-13

**MAINTENANCE PROCEDURES -
FIELD STRIPPING (cont)**

0012 00

MAGAZINE ASSEMBLY. Check for spring (1) and follower (2) damage. Ensure that the lips (3) of the magazine are not excessively bent and are free of cracks and burrs. The magazine tube (4) should not be bent or dirty.

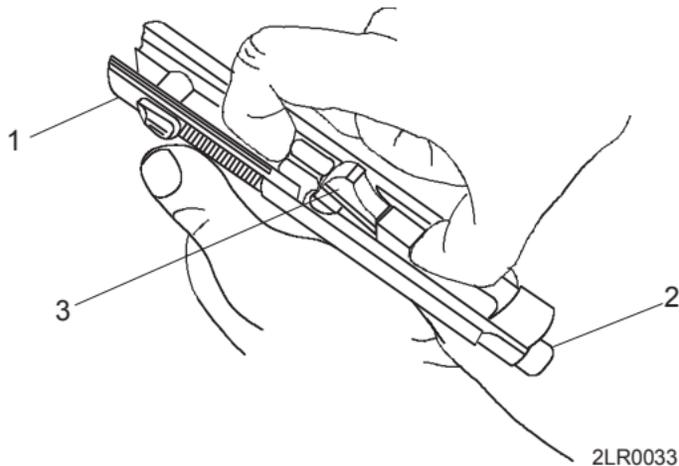


0012 00-14

REASSEMBLY

Grasp the slide (1) with the bottom facing up. With the other hand grasp the barrel assembly (2) with the locking block (3) facing up.

Insert muzzle of the barrel assembly (2) into the forward end of the slide (1). At the same time lower the rear of the barrel assembly by aligning the extractor cutout with the extractor. The locking block will fall into the locked position in the slide.



0012 00-15

REASSEMBLY (cont)

WARNING

Recoil spring is under spring tension. Care must be used when removing/installing the recoil spring and spring guide. When removing/installing the recoil spring, keep pressure on the spring and release the pressure slowly. Failure to comply can cause damage to the spring or injury to personnel.

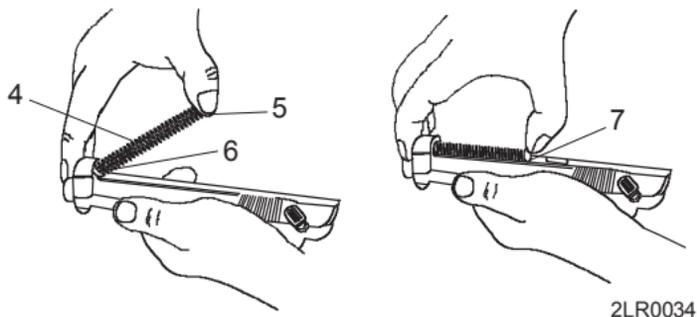
Be sure hammer is uncocked and firing pin block lever is in the down position. If the hammer is cocked, carefully and manually lower the hammer.

Do not squeeze trigger while placing the slide into the receiver.

Before reassembly ensure that decocking/safety lever is in the safe (down) position.

Insert recoil spring (4) onto recoil spring guide (5).

Insert end of recoil spring (4) and recoil spring guide (5) into slide recoil spring housing (6). At the same time, compress the recoil spring and lower the spring guide until fully seated onto the locking block cutaway (7).



0012 00-17

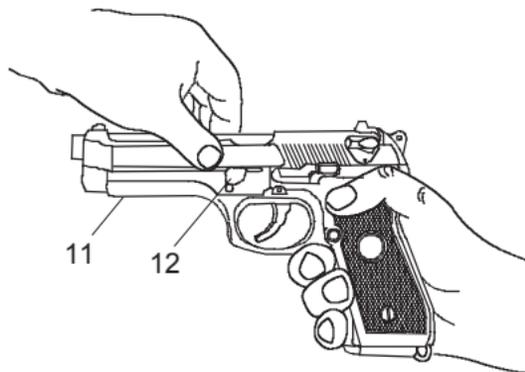
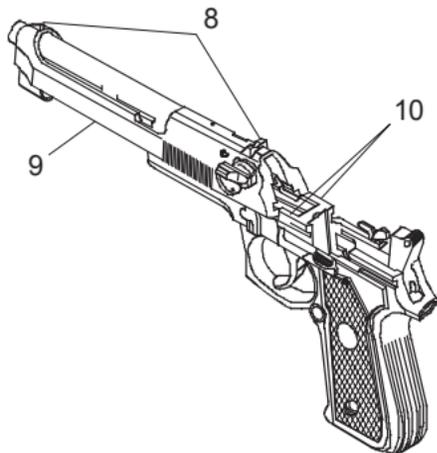
MAINTENANCE PROCEDURES - FIELD STRIPPING (cont)

0012 00

REASSEMBLY (cont)

Grasp the slide and barrel assembly, sights (8) up, and align the slide (9) onto the receiver assembly guide rails (10).

Push until the rear of the slide (9) is a short distance beyond the rear of the receiver assembly (11) and hold. At the same time, rotate the disassembly latch lever (12) upward. A click indicates a positive lock.



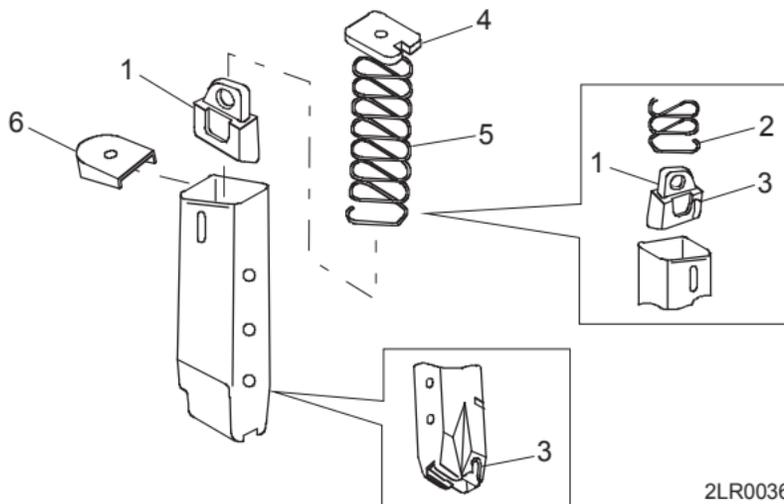
0012 00-18

2LR0035

NOTE

Use the following steps to reassemble the magazine.

Insert the follower (1) into the top coil (2) of the magazine spring (5). The top coil has an upward and forward pointing end. Ensure that the notches (3) on the follower and magazine tube are on the same side.



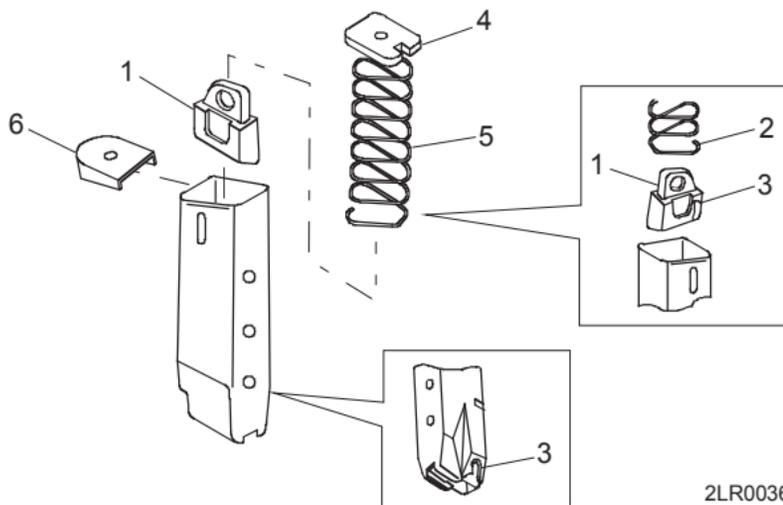
2LR0036

0012 00-19

REASSEMBLY (cont)

Insert the magazine spring with the follower into the magazine.

Turn the magazine bottom up with the backside against the palm of the hand. Attach and center the floor plate retainer (4) to the bottom spring coil.



2LR0036

CAUTION

After insertion, spring tension must be maintained using the thumb.

Do not place lips of magazine tube on a hard surface during reassembly.

Push and hold the magazine spring (5) and floor plate retainer (4) down. At the same time, slide floor plate (6) over the sidewalls until fully seated. This will be indicated by a click.

Insert the magazine into the magazine well of the pistol carefully. A click indicates the locked position.

END OF WORK PACKAGE

0012 00-21/22 blank

CAUTION

Bore brush is for cleaning bore only. Use of bore brush on any other part of the pistol can cause finish damage.

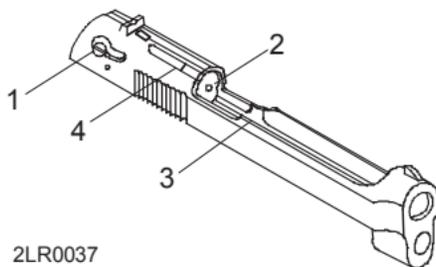
NOTE

When cleaning, be careful not to lose component parts.

SLIDE ASSEMBLY

Clean slide assembly with cloth. A soft brush with CLP can assist in removal of excess dirt and carbon buildup. Ensure the decocking/safety lever (1), breech face (2), slide guides (3) and extractor (4) are free of excess dirt and residue.

Wipe dry with a cloth and apply a light coat of CLP/LSA.



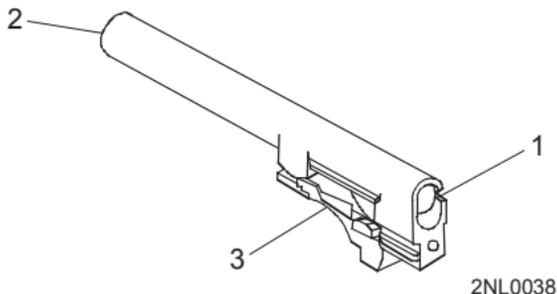
2LR0037

BARREL ASSEMBLY

Using cleaning rod, insert a cleaning patch soaked with CLP in chamber end of barrel and push out muzzle to remove loose firing residues and soften carbon deposits.

Insert bore brush into chamber end (1) of barrel, making sure it completely clears the muzzle (2) before it is pulled back through the bore. Repeat several times to loosen carbon deposits.

Wipe loose carbon deposits from bore with another clean patch soaked with CLP.



Dry the barrel by pushing a swab through the bore. Repeat as necessary until a clean or dull gray swab can be observed.

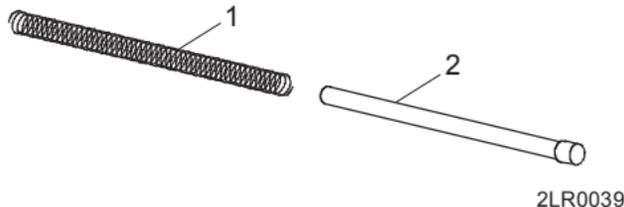
Clean locking block (3) with a soft brush such as toothbrush (item 5, WP 0018 00).

Apply a light coat of CLP/LSA to the barrel bore and chamber area. Also, lubricate the extractor surfaces of the barrel and locking block.

RECOIL SPRING AND RECOIL SPRING GUIDE

Clean recoil spring (1) and Recoil spring guide (2) using CLP and a soft brush or cloth.

After wiping the recoil spring (1) and recoil spring guide (2), apply a light coat of CLP/LSA.



2LR0039

0013 00-3

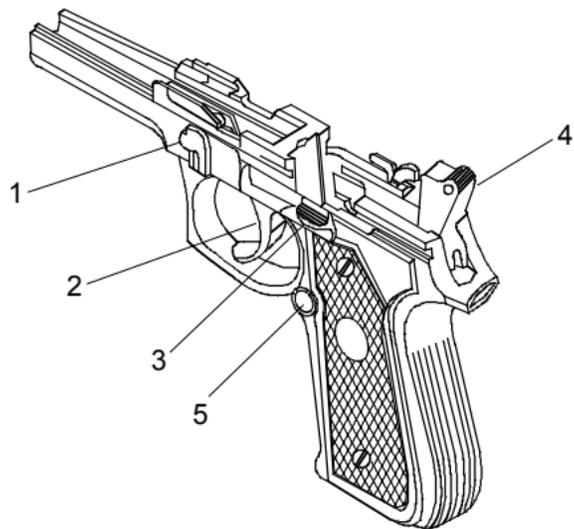
RECEIVER ASSEMBLY**CAUTION**

Do not allow the hammer to fall full force by pulling the trigger when the slide is removed, as damage to the receiver will occur. If necessary, the hammer should be manually lowered.

When cleaning the magazine well area, take care not to dislodge the trigger bar spring from the hole provided in the trigger bar and receiver.

Wipe receiver assembly clean with cloth. Use a soft brush for hard to clean areas. Pay special attention to disassembly lever (1), trigger (2), slide stop (3), hammer (4), and magazine release button (5).

Apply a light coat of CLP/LSA.



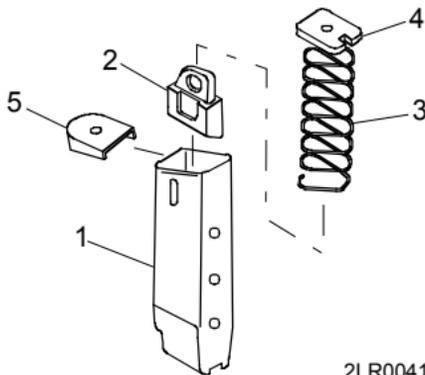
2LR0040

0013 00-5

MAGAZINE

Wipe magazine tube (1) and follower (2) with a cloth. Clean the magazine tube and follower with CLP and a soft brush. Wipe inside of magazine tube (1) dry.

With a cloth, wipe the magazine spring (3), floor plate retainer (4), and floor plate (5) clean. Apply a light coat of lube to exterior of magazine only.



2LR0041

END OF WORK PACKAGE

**EXPLOSION****WARNING**

A live round in the chamber during safety/functions check can be discharged. Before performing a safety/function check, ensure to clear the pistol and magazine in accordance with the unloading/clearing procedures (WP 0006 00). Failure to comply can result in personnel injury or death.

Depress the slide stop. Insert an empty magazine into the pistol, and ensure that the magazine catch locks the magazine in place.

Retract the slide and release it. The magazine follower should push up on the slide stop, locking the slide to the rear.

Depress the magazine release button allowing the magazine to fall free.

Rotate the decocking/safety lever to the safe (down) position. Depress the slide stop allowing the slide to return fully forward. At the same time, the hammer should fall to the full forward position.

SAFETY/FUNCTION CHECK

0014 00

Squeeze and release trigger on pistol. Firing pin block should move up and down. Hammer should not move. Trigger should return to fully forward position under spring tension.

Place decocking/safety lever on pistol to fire (up) position.

To check double action, squeeze trigger on pistol. Hammer should cock and fall.

Squeeze trigger again on pistol. While holding trigger to rear manually retract and release slide on pistol then release trigger. A click should be heard and hammer should not fall.

To check single action, squeeze trigger on pistol. Hammer should fall.

Rotate decocking/safety lever on pistol to safe (down) position. Then manually cock hammer and release. Hammer should fall to fully forward position.

If above safety/function checks perform as indicated, pistol is mission ready.

If checks do not perform as indicated, notify field maintenance.

0014 00-2

CHAPTER 4
AMMUNITION

**EXPLOSION****WARNING**

Use of ammunition other than authorized can result in rounds lodged in the barrel or rounds falling short of target. Use M882 ammunition only. Use of other ammunition is at the discretion and responsibility of local commander. Failure to comply can result in damage to pistol or personnel injury or death.

Firing corroded or dented cartridges can cause misfire or a bullet to be lodged in the barrel. Do not fire heavily corroded or dented cartridges, cartridges with loose bullets, or any other defective rounds detected by visual inspection. Dispose of these cartridges following local SOP. Failure to comply can result in damage to the pistol or personnel injury.

NOTE

In Figure 1. From far left to right, M882 Ball (WITH CANNELURE), M882 Ball (WITHOUT CANNELURE), MK 243 MOD 0 JACKETED HOLLOW PT, M917A1 DUMMY ROUND, Frangible (AIR FORCE TRAINING ONLY).



Figure 1. Ammunition.

AMMUNITION THAT FAILS TO FIRE

Dispose of any ammunition that fails to fire according to authorized procedures.

CARE, HANDLING, AND PRESERVATION

Protect ammunition from mud, sand, and water. If the ammunition gets wet or dirty, wipe it off at once with a clean dry cloth. Wipe off light corrosion as soon as it is discovered. Turn in heavily corroded cartridges.

Do not expose ammunition to the direct rays of the sun. If the powder is hot, excessive pressure may develop when the pistol is fired.

Do not oil or grease ammunition. Dust and other abrasives that collect on greasy ammunition may cause damage to the operating parts of the pistol. Oiled cartridges produce excessive chamber pressure.

END OF WORK PACKAGE

0015 00-3/4 blank

CHAPTER 5
SUPPORTING INFORMATION

SCOPE

This work package lists all forms, field manuals, technical manuals, tables, regulations, standards, and miscellaneous publications referenced in this manual.

TECHNICAL MANUALS

TM 740-90-1	Administrative Storage of Equipment
TM 750-244-7	Procedures for Destruction of Equipment to Prevent Enemy Use
TM 9-1300-206	Care and Storage of Ammunition

COMMON TABLE OF ALLOWANCES (CTA)

CTA 50-970	Expendable/Durable Items (except: Medical, Class V, Repair Parts and Heraldic Items)
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DEPARTMENT OF THE ARMY PAMPHLETS AND FORMS

- DA PAM 25-30Consolidated Index of Army Publications and
Blank Forms
- DA PAM 750-8The Army Maintenance Management
System (TAMMS)
- SB 740-95-200.....Storage Serviceability Standardss for
AMCCOM Materiel

FIELD MANUALS

- FM 3-11.4.....Multiservice Tactics, Techniques, and Procedures for
Nuclear, Biological, and Chemical (NBC) Protection
- FM 3-11.5.....Multiservice Tactics, Techniques, and Procedures for
Chemical, Biological, Radiological, and
Nuclear Decontamination
- FM 3-11.3.....Multiservice Tactics, Techniques, and Procedures for
Chemical, Biological, Radiological, and
Nuclear Decontamination Contamination
Avoidance
- FM 3-23.35..... ..Combat Training with Pistols, M9 and M11

TECHNICAL ORDERS

- TO 00-35D-54.....Material Deficiency Reporting and
Investigation System
- TO 11W11-10.....Historical Data Recording of Inspection,
Maintenance, and Firing Data for Ground
Weapons

TRAINING CIRCULAR

- TC 4-02.1.....First Aid

FORMS

- DA Form 2028Recommended Changes to Publications and
Blank Forms
- NAVMC Form 10772Recommended Changes to Publications and
Blank Forms
- SF 368.....Quality Deficiency Report
- DA Form 2404Equipment Inspection and Maintenance
Worksheet
- OPNAVINST 4790.16..... Condition-Based Maintenance and
Condition-Based Maintenance Plus Policy

AIR FORCE PUBLICATIONS AND FORMS

- AFI 21-201.....Management and Maintenance of Non-
Nuclear Munitions
- AFI 36-2654.....Combat Arms Program
- AFI 21-115.....Production Quality Deficiency Report
Program
- AFMAN 91-201.....Explosive Safety Standards
- AFMAN 44-163(I)First Aid Manual
- SPI 00-317-2468Specialized Packing Instructions for M9
Pistol
- AF Handbook 32-4014 V.4.....Ability to Survive and Operate Procedures in
a Nuclear, Biological and Chemical (NBC)
Environment
- AS 538.....Allowance Standard (AF)
- AFTO Form 22Technical Order System Publications
Improvement Report and Reply

END OF WORK PACKAGE

COMPONENTS OF END ITEMS AND BASIC ISSUE ITEMS LIST

0017 00

SCOPE

This work package lists components of the end item and basic issue items for the pistol to help you inventory items required for safe and effective operation.

GENERAL

The Components of the End Item (COEI) and Basic Issue Items (BII) lists are divided into the following:

Components of the End Item (COEI): This is for informational purposes only and is not authority to requisition replacements. These items are part of the pistol. 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. Illustrations are furnished to assist you in identifying the items.

0017 00-1

COMPONENTS OF END ITEMS AND BASIC ISSUE ITEMS LIST (cont)

0017 00

Basic Issue Items (BII): These are the minimum essential items required to place the M9/M9A1 Pistol in operation, to operate it, and to perform emergency repairs. Although shipped separately packaged, BII must be with the pistol during operation and whenever 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. Air Force users follow guidance as outlined in Allowance Standard 538. Illustrations are furnished to help you find and identify the items.

EXPLANATION OF COLUMNS IN THE COEI 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, Part Number/(CAGEC). Identifies the Federal item name (in 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 Commercial and Government Identity Code (CAGEC) (in parenthesis).

0017 00-2

Column (4) - Usable On Code. When applicable, 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>
J96	M9 Pistol
BP6	M9A1 Pistol
BX9	General Officer Pistol

Column (5) – U/I. Unit of issue (U/I) indicates the physical measurement or count of the item as issued per the National Stock Number shown in column (2).

Column (6) – Qty Rqr. Indicates the quantity required.

COMPONENTS OF END ITEM

Not Applicable.

**COMPONENTS OF END ITEMS AND
BASIC ISSUE ITEMS LIST (cont)**

0017 00

BASIC ISSUE ITEMS

Table 1. Basic Issue Items

(1) Illus Numb	(2) National Stock Number	(3) Description CAGEC and Part Number	(4) UOC	(5) U/I	(6) Qty Rqr
1	N/A	Operator's Manual M9, 9mm, Pistol M 9-1005-317-10		EA	1
2	1005-01-204-4376	Magazine, Round 9mm		EA	1

0017 00-4

COMPONENTS OF END ITEMS AND BASIC ISSUE ITEMS LIST (cont)

0017 00



Figure 1. Operators Manual.

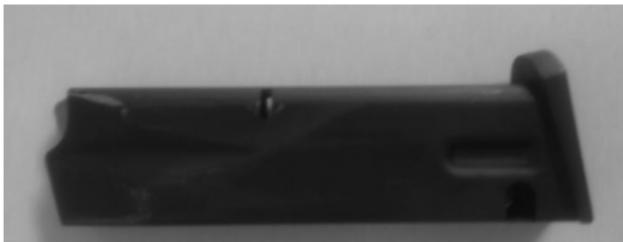


Figure 2. Magazine, Round 9mm.

END OF WORK PACKAGE

0017 00-5/6 blank

ADDITIONAL AUTHORIZATION LIST AND ASSOCIATED EQUIPMENT LIST

0018 00

SCOPE

This work package lists additional items you are authorized for the support of the M9/M9A1 Pistol.

GENERAL

This list identifies items that do not have to accompany the pistol and that do not have to be turned in with it. These items are all authorized to you by CTA, MTOE, TDA, or JTA. For Air Force users these items are authorized by Allowance Standard 538.

EXPLANATION OF COLUMNS IN THE AAL

Column (1) - National Stock Number (NSN). Identifies the stock number of the item to be used for requisitioning purposes.

Column (2) - Description, Part Number/(CAGEC). Identifies the Federal item name (in capital letters) followed by a minimum description when needed. The last line below the description is the part number and Commercial and Government Identity Code (CAGEC) (in parenthesis).

0018 00-1

**ADDITIONAL AUTHORIZATION LIST AND
ASSOCIATED EQUIPMENT LIST (cont)**

0018 00

EXPLANATION OF COLUMNS IN THE AAL (cont)

Column (3) - Usable On Code. When applicable, 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>
J96	M9 Pistol
BP6	M9A1 Pistol
BX9	General Officer Pistol

Column (4) – U/I. Unit of issue (U/I) indicates the physical measurement or count of the item as issued per the National Stock Number shown in column (2).

Column (5) – Qty Rqr. Indicates the quantity required.

NOTE (Navy only):

Allowance Equipage List (AEL)

- Blue Water M9, Pistol 9MM, AEL #1: 0-006400403
- Blue Water M9, Pistol 9MM, AEL #2: 0-006400404
- Blue Water M9, Pistol 9MM, AEL #3: 0-006400405
- Enhanced M9, Pistol 9MM, AEL: 0-00640A836

0018 00-2

Table 1. Additional Authorization List

(1) NATIONAL STOCK NUMBER	(2) DESCRIPTION PART NUMBER AND CAGEC	(3) USABLE ON CODE	(4) U/I	(5) QTY RQR
1095-01-339-2213	Extender, Hip, Holster M-1425 (50905)		EA	1
1095-01-247-3917	Harness, Shoulder, Holster 14211 (50905)		EA	1
1095-01-194-3343	Holster, Pistol, Hip, M12 (Forest Green) 9388057 (19200)		EA	1
1095-00-973-2353	Holster, Pistol, M7 (Shoulder) (Black) 7791527 (19205)		EA	1
8465-00-262-5237	Lanyard, Individual (White) A-A-55120 (58536)		EA	1
8465-00-965-1705	Lanyard, Individual (Green) A-A-55120 (58536)		EA	1
1005-01-204-4376	Magazine, Cartridge 9436413 (19200)		EA	2

0018 00-3

**ADDITIONAL AUTHORIZATION LIST AND
ASSOCIATED EQUIPMENT LIST (cont)**

0018 00

Table 1. Additional Authorization List (cont)

(1) NATIONAL STOCK NUMBER	(2) DESCRIPTION PART NUMBER AND CAGEC	(3) USABLE ON CODE	(4) U/I	(5) QTY RQR
8465-01-207-5573	Pocket, Ammunition, M1 4-3-84 (81337)		EA	2
1005-00-556-4102	Rod, Cleaning, M4 5564102 (19204)		EA	1
1005-00-716-2132	Brush, Cleaning		EA	1

ASSOCIATED EQUIPMENT LIST

Not Applicable.

END OF WORK PACKAGE

0018 00-4

EXPENDABLE/DURABLE SUPPLIES AND MATERIALS LIST

0019 00

This work package lists expendable/durable supplies and materials you need to operate and maintain the M9/M9A1 Pistol. This is for informational purposes only and is not authority to requisition the listed items. These items are authorized to you by CTA 50-970, Expendable/Durable Items (Except Medical, Class V, Repair Parts, and Heraldic items); or CTA 8-100, Army Medical Department Expendable/ Durable Items.

Air Force personnel may use this TM (TO) as authorization to requisition the items listed in the expendable/durable items list.

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 (Use Cleaner, Lubricant and Preservative (Item 1, WP 0023 00)).

Column (2) Level. This column identifies the lowest level of maintenance that requires the listed item.

C - Operator/Crew

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**EXPENDABLE/DURABLE SUPPLIES
AND MATERIALS LIST (cont)**

0019 00

Column (3) National Stock Number (NSN). This is the NSN assigned to the item that you can use to requisition it.

Column (4) Item Name, Description, Part Number/(CAGEC). This column provides the other information you need to identify the item. The last line below the description is the part number and the Commercial and Government Entity Code (CAGEC) (in parentheses).

Column (5) Unit of Issue (U/I) code shows the physical measurement or count of an item, such as gallon, dozen, gross, etc.

Table 1. Expendable/Durable Supplies and Materials List

(1) ITEM NO.	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) ITEM NAME, DESCRIPTION PART NUMBER/CAGEC	(5) U/I
1	C	1005-00-716-2132	Brush, Cleaning Small (Bore Brush) 7162131 (19205)	PG
2	C	1005-00-494-6602	Brush, Cleaning, Small Arms (Toothbrush) 8448462 (19204)	EA
3	C	9150-01-102-1473	Cleaner, Lubricant Preservative (CLP) MIL-PRF-63460 (81349) 1/2 oz. btl	BT
4	C	9150-00-292-9689	Lubricating Oil, Weapons (LAW) MIL-PRF-14107 (81349) 1 qt can	QT

**EXPENDABLE/DURABLE SUPPLIES
AND MATERIALS LIST (cont)**

0019 00

Table 1. Expendable/Durable Supplies and Materials List (cont)

(1) ITEM NO.	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) ITEM NAME, DESCRIPTION PART NUMBER/CAGEC	(5) U/I
5	C	9150-00-889-3522	Lubricating Oil, Weapons Semi-fluid (LSA) 8436793 (19204) 4 oz. btl	BT
6	C	7920-00-205-1711	Rag, Wiping A-A-531 (58536) 50 lb. bl	BE
7	C	1005-00-288-3565	Swab, Small Arms Pack 5019316 (19204)	PG

END OF WORK PACKAGE

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By Order of the Secretary of the Army:
Official:



GERALD B. O'KEEFE

*Administrative Assistant to the
Secretary of the Army*

1615301

MARK A. MILLEY
*General, United States Army
Chief of Staff*

By Order of the Secretary of the Air Force:

ELLEN M. PAWLIKOWSKI
General, United States Air Force
Commander, AFMC

DAVID L. GOLDFEIN
General, United States Air Force
Chief of Staff

By Order of the Assistant Commandant for Capabilities:

JOHN P. NADEAU
RDML, United States Coast Guard

By Order of the Commandant of the Marine Corps:

M. R. LEWIS

Program Manager, Infantry Weapons (PdM-IW PMM 113.3)
Marine Corps System Command

By Order of the Secretary of the Navy:

John G. Taylor

LCDR, Small Arms Program Manager
Naval Sea Systems Command

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