

**ARMY
*TM 9-1005-325-23&P
AIR FORCE
TO 11W3-3-4-12
NAVY
SW370-AG-MMI-010/9MM M11**

TECHNICAL MANUAL

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

Pistol, Compact 9mm, M11

NSN 1005-01-336-8265

Pistol, Compact 9mm, M11 with Tritium Sights

NSN 1005-01-340-0096 (EIC 4LL)



* **SUPERCEDURE NOTICE** - TM 9-1005-325-23&P dated 16 January 2012 supersedes TM 9-1005-325-23&P dated 1 March 1993, including all changes.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY
16 JANUARY 2012**

WARNING SUMMARY

This warning summary contains general safety warnings 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 the 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



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



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



RADIATION – three bladed design symbol shows that the material emits radioactive energy and can injure human tissue. In properly sealed shielded form it presents no hazard.

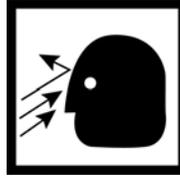


WEAPON FIRE – Weapon could accidentally discharge causing serious injury or death.

WARNING SUMMARY – (Continued)

GENERAL SAFETY WARNINGS DESCRIPTION

FLYING PARTICLES



To avoid injury to eyes, use safety glasses or goggles when removing and installing spring-loaded parts.

RADIATION



When inspecting or removing illuminated sights, follow radiation safety procedures to prevent damage to sight base or dovetail.

WEAPON FIRE



Before starting an inspection, be sure to clear the weapon. Do not pull the trigger until the weapon has been cleared. Inspect the chamber to ensure that it is empty and no ammunition is in position to be chambered.

WARNING SUMMARY – (Continued)

EXPLANATION OF HAZARDOUS MATERIALS ICONS



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



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



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



RADIATION – three bladed design symbol shows that the material emits radioactive energy and can injure human tissue. In properly sealed shielded form it presents no hazard. Shows the presence of radioactive material (exempted from NRC licensing).



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

HAZARDOUS MATERIALS DESCRIPTION

WARNING



CLEANING SOLVENT

DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

WARNING SUMMARY – (Continued)

Use extreme care with cleaning solvents. Cleaning solvents evaporate quickly and can irritate exposed skin upon contact. In cold weather, contact of exposed skin with cleaning solvents can cause frostbite. Failure to follow this warning may cause injury or death to personnel.

DEFINITION OF ALERTS THROUGHOUT THIS MANUAL:

WARNING: Identifies a danger to the operator or others near the operator.

CAUTION: Identifies risk of damage to the equipment.

NOTE: Used to highlight essential procedures, conditions, statements or important instructional data.

LIST OF EFFECTIVE PAGES/WORK PACKAGES

NOTE: Zero in the "Change No." column indicates an original page or work package.

Date of issue for original manual is:

16 January 2012

TOTAL NUMBER OF PAGES FOR FRONT AND REAR MATTER IS 30 AND TOTAL NUMBER OF WORK PACKAGES IN THIS MANUAL IS 22 , CONSISTING OF THE FOLLOWING:

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**HEADQUARTERS
DEPARTMENT OF THE ARMY, AIR FORCE AND NAVY
WASHINGTON, D.C., 16 JANUARY 2012**

**TECHNICAL MANUAL
FIELD MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
OPERATOR'S MANUAL
PISTOL, COMPACT, 9mm, M11
(NSN 1005-01-336-8265)
PISTOL, COMPACT, 9mm, M11 WITH TRITIUM SIGHTS
(NSN 1005-01-340-0096)**

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. 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-MPP/ 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. (F) Air Force – Send Air Force AFTO form 22 through unit's respective MAJCOM in Joint Computer-aided Acquisition and Logistics Support (JCALS) system. Refer to Section 5 of Air Force Technical Order 00-5-1 for guidance. (N) Navy – Send letter directly to Commander, Code JXRS, Bldg. 2521E, NAVSURF WARCENDIV, 300 Hwy 361, Crane, IN 47522-5001. A reply will be furnished to you.

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HOW TO USE THIS MANUAL

HOW TO USE THIS MANUAL

The safest, easiest, and best way to maintain the M11 Compact Pistol is to use this manual. Learning to use this technical manual (TM) is as easy as reading through the next few pages of this section. Knowing what is in this manual and how to use it will save you time and work and will help you to avoid exposing yourself to unnecessary hazards while performing your job.

So where do you start?

Right here, if this is the first time you are using this TM. Be sure to completely read this section on how to use this manual first. There's a lot of information here that you need to know.

Organization

This manual covers the maintenance of the M11 Compact Pistol. The manual itself is divided into eight chapters. Chapters are divided into Work Packages. The eight chapters and what they contain are found in the Table of Contents in the front of this manual. For example, to learn about maintenance of M11 Compact Pistol, you would look in the table of contents and discover that Chapter 5 provides all pertinent information about the maintenance of the weapon. Since Chapter 5 covers a great deal of information, you will have to scan the chapter to find the specific information you will need.

In the final chapter of this manual, you will find supporting information. Each work package provides specific information that will assist you in performing the various operational tasks. The work packages provide such information as references (i.e., other TMs or FMs), as in WP 0019, and Maintenance Allocation Chart (MAC), as in WP 0021. Others provide information unique to the needs of the weapon. Become familiar with all supporting information before beginning any maintenance task.

Am I ready to use this TM?

If you've taken the time necessary to read this section, and are sure of the location and arrangement of the different sections of this TM, you are ready to begin. Remember, this TM has been arranged with you, the user, in mind. Your safety and ability to perform the maintenance tasks in the most efficient manner hinge on your ability to perform and understand the information contained in this manual. If you fully understand the arrangement and purpose of this TM and have taken the time to read through this section, you will have no trouble maintaining this weapon in the manner for which it was designed.

CHAPTER 1

**GENERAL INFORMATION, EQUIPMENT DESCRIPTION AND THEORY OF
OPERATION**

FOR

Pistol, Compact 9mm, M11
Pistol, Compact 9mm, M11 with Tritium Sights

FIELD MAINTENANCE

GENERAL INFORMATION

SCOPE

Type of Manual. Field maintenance manual.

Model Number and Equipment Name. M11 Pistol, Compact.

Purpose of Equipment. The purpose of the M11 Compact Pistol is to provide personnel with a 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

1. (A) 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.
2. (F) Maintenance forms and records used by Air Force personnel are prescribed in AFI 21-101 and the applicable TO 00-20 Series Technical Orders.
3. (N) Navy users should refer to their service peculiar directives to determine applicable maintenance forms and records to be used. Accidents involving injury to personnel or damage to material will be reported on DA Form 285, U.S. Army Accident Report in accordance with AR 385-40. Explosives and ammunition malfunctions will be reported in accordance with AR 75-1.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR) and PRODUCT QUALITY DEFICIENCY REPORTS (PQDR).

If your M11 Compact Pistol needs improvement, let us know. Send us an EIR. You, the user, 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 or performance. If you have Internet access, the easiest and fastest way to report problems or suggestions is to follow the instructions and links below: For ALL non-Aviation/Missile Warranty, EIR and PQDRs must be submitted through the Web Product Quality Deficiency Reporting (PQDR) site. Note that all CECOM managed (B16), including aviation, items must also be submitted through the following site. The Web PQDR Web site is: <http://www.nslcptsmh.csd.disa.mil/webpqdr/webpqdr.htm>. New accounts can be established at the following address: <http://www.nslcptsmh.csd.disa.mil/accessforms/uarform.htm>. All AMCOM (Aviation and Missile Command) Deficiency Reports (DRs), (Warranty, EIR, and PQDRs) must be submitted through the Joint Deficiency Reporting System (JDRS) at https://jdrs.mil/DR_Initiate.cfm?service=AR. You may also submit your information using an SF 368 (Product Quality Deficiency Report). You can send your SF 368 using e-mail, regular mail, or fax using the addresses/fax numbers specified in (DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual OR DA PAM 738-751, Functional Users Manual for the Army Maintenance Management Systems - Aviation (TAMMS-A) for aviation systems). 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 Technical Order 00-35D-54 (Technical Manual USAF: Materiel Deficiency Reporting and Investigating System).

CORROSION PREVENTION AND CONTROL (CPC)

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 that 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), solvation (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. SF 368, Product Quality Deficiency Report should be submitted to the address specified in DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual.

Hazardous Waste Disposal Information

When servicing the M11 Compact Pistol, performing maintenance or disposing of materials such as cleaning fluids, cleaning compounds and lubricants (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 1-800-872-3845.

OCONUS: 410-436-1244 or online at <http://aec.army.mil/usaec/contactus.html>. 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 MATERIAL TO PREVENT ENEMY USE

Procedures and materials used for the destruction of the M11 Compact Pistol in order to prevent enemy use will be found in TM 750-244-7.

PREPARATION FOR SHIPPING OR STORAGE

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

PREEMBARKATION INSPECTION OF MATERIEL IN UNITS ALERTED FOR OVERSEAS MOVEMENT

WARNING



To prevent personnel injury or death, before starting an inspection ensure to clear the weapon. Ensure the magazine is removed, the pistol is clear of ammunition and barrel and chamber have no obstructions.

Inspection Criteria

1. Before inspection, the materiel must be thoroughly cleaned of all grease, dirt, or other foreign material that might interfere with its proper function or the use of gages and tools during inspection.
2. Ensure pistol is free of burrs, rust and corrosion.
3. Ensure parts are not loose, cracked, bent, distorted or damaged and free of excessive wear.
4. Minor defects in metal components normally do not affect their acceptability, i.e., tool marks ordinarily are of no importance.

5. Inspect finish of metal surface. Satisfactory metal surfaces for weapons range from black to light gray. Weapons will be rejected if exterior parts have a reflective surface. Sights must have a dull gray or black finish on surfaces to prevent glare.

Inspection Areas

1. Springs must be free of distortion and broken coils. Springs must have sufficient tension to perform intended function.
2. Ensure barrel is clean and free of rust and corrosion.
3. Ensure barrel not bulged.
4. Pits in bore are allowable if they do not exceed the width of a land and 3/8 inch in length.
5. If chipping or flaking are present in chamber and/or bore area, it is cause for rejection of barrel.
6. Tool marks are acceptable. They may appear as lines running longitudinally in grooves or may run spirally across tops of lands.
7. Lands that appear dark due to coating of gilding metal from projectiles will not be cause for rejection.
8. Ensure sear and cocking notches are 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.
9. Chips, flat spots, pits, or bent strike points on firing pins will be cause for rejection of firing pins.
10. Cartridge case engaging surfaces on extractor must not be chipped or deformed.
11. Decocking lever must reposition positively (up). Trigger must reposition to double action position.
12. Ensure each pistol is hand functioned to check for unusual binding, positive cocking action and general operation. Dummy ammunition may be used to ensure positive chambering, extraction and ejection action.
13. Ensure all markings and serial numbers are legible.

Table 1. Standards for Preembarkation Inspection of M11 Compact Pistol in Units Alerted for Overseas Movement

ITEM	STANDARD
General	Clear weapon of any ammunition and inspect in accordance with procedures outlined above.
Trigger Pull	
Double Action	Between 12.0 lb and 16.5 lb
Single Action	Between 4.0 and 6.5 lb
Recoil Spring	A flat spot on either end of half coil is not required. If flat spots are present other than on ends of spring it is cause for rejection of spring.
Main Spring	A flat spot on either end of half coil is not required. If flat spots are present other than on ends of spring it is cause for rejection of spring.

WARRANTY INFORMATION

The M11 Compact Pistol is warranted by the manufacturer for 18 months from date of government acceptance for conformance to performance requirements. Warranty starts on the acceptance date found on DD 250 Material Inspection and Receiving Report. Warranty start date is the same as the acceptance date on the DD 250 and is contained in columns 76-80 of the weapons serial number control card. Submit all suspected warranty claims on SF 368 (QDR) to your appropriate command.

LIST OF ABBREVIATIONS/ACRONYMS**Table 2. Acronyms and Abbreviations List**

Abbreviation	Acronym
AAL	Additional Authorization List
BII	Basic Issue Items
COEI	Components of End Item
H ₃	Radioactive tritium gas
in	inch
fps	feet per second
kg	kilogram
lb	pound
m	meters
mm	millimeter
mps	meters per second
N/A	not applicable
SOP	Standard Operating Procedures

QUALITY OF MATERIAL

Material used for replacement, repair, or modification must meet the requirements of this TM 9-1005-325-23&P. If quality of material requirements is not stated in this TM 9-1005-325-23&P, 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

Care must be taken when handling the M11 Compact Pistol. Always clear the weapon before inspection or maintenance. Follow product cautions when using cleaning materials.

Always wear appropriate eye and ear protection when firing the weapon.

Tritium sights (3 ea) on M11 Pistol contain 6.0 millicuries each of radioactive tritium gas in sealed source form. The beta radiation emitted by tritium is only a hazard if the tritium vial is broken and is ingested by personnel. If a release of tritium gas occurs in a confined space such as an arms room, or unventilated room, tritium oxide may be absorbed through the skin with direct contact of the contaminated surfaces or devices. Immediately report any suspected lost or damaged tritium sights to your Radiation Safety Officer (RSO) for guidance on proper containment, cleanup and disposal of this materiel. If your local Radiation Safety Officer cannot be reached, contact the TACOM LCMC Safety Office during regular duty hours at DSN 786-7635, or 6194. After duty hours contact the Staff Duty Office through the operator at DSN 786-6692. Disposal of tritium sights must be performed in a controlled manner. Return to Trijicon for disposal. Place damaged sights in a small zip lock bag and label it "Damaged Tritium sight 18 mci DO NOT OPEN". Trijicon will provide a return authorization number for shipment of tritium sights to their facility. The local RSO will assist in packaging the tritium lamps for shipment back to Trijicon.

END OF WORK PACKAGE

FIELD MAINTENANCE

EQUIPMENT DESCRIPTION AND DATA

EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES

CHARACTERISTICS

The M11 Compact Pistol is a mechanically locked, short-recoil operated weapon featuring an automatic firing pin safety lock, double-action trigger, decocking lever and external slide stop. Loading is automatic with each shot fired, until the magazine is empty. This slide is held open after the last shot has been fired.

CAPABILITIES AND FEATURES

WARNING — The M11 Compact Pistol incorporates single- and double-action modes of fire. Any time the trigger is pulled with a round in the chamber, the pistol will fire from either the hammer-down or cocked position. To prevent injury or death, make sure weapon is clear.

The automatic firing pin lock provides optimal safety with the hammer in either the cocked or decocked position. The weapon can be fired only by pulling the trigger.

The double-action trigger and the absence of manual safeties provide immediate first-shot potential.

A decocking lever allows the cocking hammer to be lowered into the safety intercept notch without touching the trigger. During this procedure, the firing pin remains automatically locked.

The external slide stop is located so that it can be thumbed with the shooting hand.

High-contrast sights allow rapid target acquisition, even under poor light conditions.

The closed design limits dirt and sand infiltration.

LOCATION AND DESCRIPTIONS OF MAJOR COMPONENTS

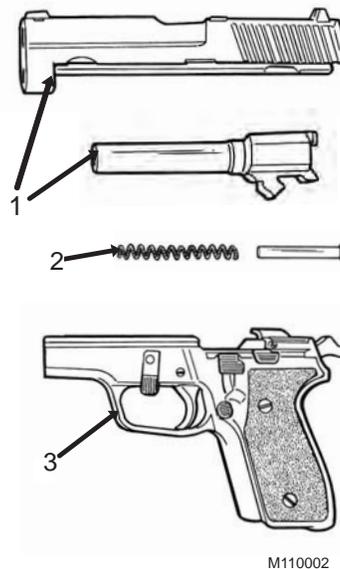


Figure 1. M11 Pistol, Compact

1. **Slide and Barrel Assembly.** Slide houses the firing pin and extractor, and cocks hammer during recoil cycle. Barrel houses cartridge for firing and directs projectile.

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – (CONTINUED)

2. **Recoil Spring and Recoil Spring Guide.** Absorbs recoil and returns the slide and barrel assembly to the forward position.
3. **Receiver Assembly.** Serves as a support for all major components. Controls action of pistol through the major components. Locking insert locks barrel in position during firing.

DIFFERENCES BETWEEN MODELS**M11, 9mm Pistol, Compact with Tritium Sights**

This pistol configuration includes radioactively illuminated front and rear sights for improved low-light sight alignment.

M11, 9mm Pistol, Compact

This pistol configuration includes the standard front and rear sights.

EQUIPMENT DATA**Table 1. EQUIPMENT DATA**

Measurement	U.S.	Metric
Caliber	9mm x 19 parabellum (Luger)	
Length, overall	7.08 in.	180 mm
Height, overall	5.35 in.	136 mm
Width, overall	1.46 in.	37 mm
Barrel length	3.86 in.	98 mm
Rifling lead	9.84 in.	250 mm
Number of rifling grooves	6	
Sight base	5.71 in.	145 mm
Weight, excluding magazine	26.1 oz.	745 grams
Magazine weight, empty	3.0 oz.	85 grams
Trigger pull, approx.	DA 12.12 lb / SA 4.4 lb	DA 5.5 kg / SA 2.0 kg
Magazine capacity	13	

END OF WORK PACKAGE

FIELD MAINTENANCE
THEORY OF OPERATION

SYSTEM THEORY



Figure 1. M11 Pistol

Disconnecter Operation.

Upon firing, the blowback action forces the slide and barrel assembly rearward. The slide disconnects the trigger bar from the safety lever, allowing the firing pin and firing pin safety lock to reset to the locked position, as well as releasing the sear. The sear returns to its initial position and holds the hammer as the slide goes forward.

Decocking Lever, Safety Intercept Notch, and Hammer Reset Spring.

The decocking lever allows the cocked hammer to be safely lowered into the safety intercept notch. The safety intercept notch is the rest position of the hammer in the double-action position. Thumbing down the decocking lever moves the sear out of register with the hammer's single-action notch. The hammer then drops forward, and the decocking lever returns to its original position. The hammer is held by the sear engaging in the safety intercept notch. During this operation, the safety lever remains in its rest position and does not lift the safety lock. The hammer reset spring maintains contact with the hammer ensuring constant engagement of the safety intercept notch, except when firing.

Firing Pin Safety Lock.

The firing pin is locked in the slide by the safety lock. When the trigger is pulled, the trigger bar pivots the safety lever to raise the safety lock and free the firing pin immediately prior to releasing the hammer. When the trigger is pulled in the single-action mode, the trigger bar is drawn forward, pivoting the safety lever which lifts the safety lock to free the firing pin, and moves the sear to release the hammer. After each shot, the firing pin spring retracts the firing pin, allowing engagement of the safety lock during each cycle of operation.

Locking and Unlocking.

At the instant of firing, the weapon is locked; the barrel is seated on the upper step of the locking insert, and is locked into the slide. The blowback action forces the slide and barrel assembly rearward against the recoil spring. After recoiling about 1/8 inch, the barrel is cammed down and held by the locking insert. The slide continues rearward, extracting and ejecting the fired cartridge case while compressing the recoil spring. The compressed recoil spring forces the slide forward, stripping a round from the magazine, and chambering it. The barrel and slide lock together again approximately 1/8 inch before reaching firing position.

Slide Catch Lever.

After firing the last round, the slide is locked to the rear, in an open position. The follower of the empty magazine raises the slide stop which engages the slide and locks it to the rear in the open position. When the slide stop is depressed, the slide is released and moves forward under recoil spring pressure.

END OF WORK PACKAGE

CHAPTER 2
TROUBLESHOOTING PROCEDURES
TROUBLESHOOTING MASTER INDEX
FOR

Pistol, Compact 9mm, M11
Pistol, Compact 9mm, M11 with Tritium Sights

**FIELD MAINTENANCE
TROUBLESHOOTING MASTER INDEX**

<u>Malfunction/Symptom</u>	<u>Troubleshooting Procedure/ Page</u>
1. AMMUNITION DOES NOT CHAMBER	WP 0005-1
2. CARTRIDGE DOES NOT EXTRACT	WP 0005-2
3. FAILURE TO EJECT	WP 0005-3
4. FAILURE TO FEED	WP 0005-3
5. FAILURE TO FIRE.	WP 0005-4
6. HAMMER DOES NOT COCK	WP 0005-6
7. HAMMER DOES NOT DECOCK WITH USE OF DECOCKING LEVER	WP 0005-4
8. PISTOL FAILS TO FIRE IN DOUBLE-ACTION	WP 0005-5
9. SLIDE DOES NOT LOCK FULLY FORWARD	WP 0005-5
10. SLIDE DOES NOT UNLOCK.	WP 0005-6

END OF WORK PACKAGE

CHAPTER 3

TROUBLESHOOTING PROCEDURES

FOR

Pistol, Compact 9mm, M11
Pistol, Compact 9mm, M11 with Tritium Sights

FIELD MAINTENANCE
TROUBLESHOOTING PROCEDURES

INITIAL SETUP:**References**

WP 0008

Equipment Condition

Function check has been performed.

GENERAL

Troubleshooting procedures are limited to those listed in the troubleshooting table. The table lists the common malfunctions which you may find during the maintenance of the M11 Compact Pistol. You should perform the tests/inspections and corrective actions in the order listed.

This manual cannot list all 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 your supervisor.

TROUBLESHOOTING PROCEDURE**OVERALL WEAPON****SYMPTOM**

Lack of discharge

MALFUNCTION

AMMUNITION DOES NOT CHAMBER

CORRECTIVE ACTION**WARNING**

- **Before starting an inspection, ensure to clear weapon. Do not actuate trigger until weapon has been cleared. Inspect chamber to ensure empty. Ensure there are no obstructions in barrel.**
- **DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.**
- **Use extreme care with cleaning solvents. Cleaning solvents evaporate quickly and can irritate exposed skin upon contact. In cold weather, contact of exposed skin with cleaning solvents can cause frostbite. Failure to follow this warning may cause injury or death to personnel.**

STEP 1. Check for dirt and obstructions in slide and locking insert area.

- a. Remove obstructions, clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022).

STEP 2. Check for dirty or damaged ammunition.

- a. Clean with a clean, dry cloth, and replace ammunition.

STEP 3. Check for dirt or burrs on breech face. Dirt or burrs can prevent cartridge base head/rim from sliding upward for extractor engagement.

- a. Carefully remove burrs from breech face and polish using crocus cloth. Clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022) and lubricate with CLP (Item 4, WP 0022)/LSA (Item 11, WP 0022). If burrs cannot be removed, replace breechblock in accordance with maintenance procedures.

STEP 4. Check for sharp or burred chamber entrance.

- a. If damaged, evacuate pistol to direct support maintenance. If sharp or burred edges are detected, replace barrel in accordance with maintenance procedures.

STEP 5. Check for damaged or broken recoil spring or spring guide.

- a. If sharp or burred edges are detected, replace barrel in accordance with maintenance procedures.

STEP 6. Check for damaged magazine spring and/or follower.

- a. If damaged, replace magazine.

TROUBLESHOOTING PROCEDURE

SYMPTOM

Lack of discharge

MALFUNCTION

CARTRIDGE DOES NOT EXTRACT

CORRECTIVE ACTION

WARNING



DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

STEP 1. Check for powder residue and for dirt jamming extractor.

- a. Clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022) and lubricate with CLP (Item 4, WP 0022)/LSA (Item 11, WP 0022).

STEP 2. Check for broken or damaged extractor.

- a. If broken, damaged, or worn, replace extractor in accordance with maintenance procedures.

STEP 3. Check chamber for dirt or corrosion.

- a. Clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022) and lubricate with CLP (Item 4, WP 0022)/LSA (Item 11, WP 0022).

STEP 4. Check for short recoil, defective cartridge.

- a. Cartridge case or projectile may be lodged in chamber or bore. Inspect bore and remove any obstructions. Replace ammunition.

STEP 5. Check dirty, rusty, or pitted chamber.

- a. If chamber is dirty, clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022) and lubricate with CLP (Item 4, WP 0022)/LSA (Item 11, WP 0022). If the chamber is rusty or pitted, replace barrel in accordance with maintenance procedures.

TROUBLESHOOTING PROCEDURE

SYMPTOM

Lack of discharge

MALFUNCTION

FAILURE TO EJECT

CORRECTIVE ACTION

STEP 1. Check for broken or damaged ejector.

- a. If broken or damaged, evacuate pistol to direct support maintenance.

STEP 2. Check for short recoil, defective cartridge.

- a. Cartridge case or projectile may be lodged in chamber or bore. Inspect bore and remove any obstructions. Replace ammunition.

TROUBLESHOOTING PROCEDURE

SYMPTOM

Lack of discharge

MALFUNCTION

FAILURE TO FEED

CORRECTIVE ACTION

WARNING



DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

STEP 1. Check for dirty/damaged magazine.

- a. Clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022). If damaged, replace magazine.

STEP 2. Check for damaged chamber entrance.

- a. If sharp or burred edges are detected on feed ramp, polish carefully with crocus cloth/honing stone without deforming feed ramp. If pistol fails to feed after removing sharp or burred edges from feed ramp, replace barrel in accordance with maintenance procedures.

STEP 3. Check for cartridge nose jamming against chamber entrance.

- a. Magazine lips are too tight. Replace the magazine.

STEP 4. Check for cartridge nose jamming against upper chamber.

- a. Magazine lips are too open. Replace the magazine.

STEP 5. Check for slide riding over cartridge.

- a. Magazine not seated properly. Check magazine catch assembly.

TROUBLESHOOTING PROCEDURE

SYMPTOM

Lack of discharge

MALFUNCTION

FAILURE TO FIRE

CORRECTIVE ACTION

STEP 1. Check for faulty ammunition.

- a. If heavily corroded or dented, replace ammunition.

STEP 2. Check for broken trigger bar.

- a. If broken, replace in accordance with maintenance procedures.

STEP 3. Check for broken or damaged firing pin.

- a. If broken or damaged, replace firing pin in accordance with maintenance procedures.

STEP 4. Check for broken firing pin safety lock.

- a. If broken, replace in accordance with maintenance procedures.

TROUBLESHOOTING PROCEDURE

SYMPTOM

Lack of discharge

MALFUNCTION

HAMMER DOES NOT DECOCK WITH USE OF DECOCKING LEVER

CORRECTIVE ACTION

WARNING



DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

STEP 1. Check for dirt or obstructions in receiver jamming hammer.

- a. Remove dirt or obstructions.
- b. Disassemble receiver in accordance with maintenance procedures. Clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022) and lubricate with CLP (Item 4, WP 0022)/LSA (Item 11, WP 0022).

STEP 2. Check for defective (worn or broken) decocking lever.

- a. Look into magazine well from top and check that decocking lever engages the sear. If decocking lever fails to engage sear, replace in accordance with maintenance procedure.

TROUBLESHOOTING PROCEDURE

SYMPTOM

Lack of discharge

MALFUNCTION

PISTOL FAILS TO FIRE IN DOUBLE-ACTION

CORRECTIVE ACTION

STEP 1. Check for missing or defective trigger bar spring.

- a. Evacuate pistol to direct support maintenance.

STEP 2. Check for broken trigger bar.

- a. If a worn or broken trigger bar is suspected, field strip pistol. Look down into trigger cavity from top of receiver. Pull trigger to verify if trigger bar post is broken. Remove right pistol grip. Pull trigger and observe trigger bar lug as it engages sear, cock and release hammer. If trigger bar fails to cock and release hammer, replace in accordance with maintenance procedures.

TROUBLESHOOTING PROCEDURE**SYMPTOM**

Lack of discharge

MALFUNCTION

SLIDE DOES NOT LOCK FULLY FORWARD

CORRECTIVE ACTION**WARNING**

DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

STEP 1. Check for broken or damaged locking insert and barrel lug.

- a. If burrs are detected carefully remove with a fine honing stone or polish with crocus cloth. If burr cannot be removed, replace locking insert in accordance with maintenance procedures.

STEP 2. Check for damaged or broken recoil spring.

- a. If broken, replace recoil spring in accordance with maintenance procedures.

STEP 3. Check for damaged or burred slide.

- a. Inspect slide for burrs. If burrs are detected, remove with a fine honing stone or polish with crocus cloth. If burrs cannot be removed, replace slide in accordance with maintenance procedures.

STEP 4. Check for dirty or damaged chamber.

- a. If chamber is dirty, clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022) and lubricate with CLP (Item 4, WP 0022)/LSA (Item 11, WP 0022). If chamber is damaged, replace barrel in accordance with maintenance procedures.

STEP 5. Check for damaged or burred breechblock.

- a. Inspect breechblock for burrs. If burrs are detected, remove with a fine honing stone or polish with crocus cloth. If burrs cannot be removed, replace breechblock in accordance with maintenance procedures.

TROUBLESHOOTING PROCEDURE

SYMPTOM

Lack of discharge

MALFUNCTION

SLIDE DOES NOT UNLOCK

CORRECTIVE ACTION

WARNING



DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

STEP 1. Check for dirt and obstructions in slide and locking insert area.

- a. Remove obstructions. Clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022) and lubricate with CLP (Item 4, WP 0022)/LSA (Item 11, WP 0022).

STEP 2. Check for broken or damaged locking insert.

- a. If broken, replace slide locking insert in accordance with maintenance procedures.

STEP 3. Check for broken, cracked or damaged slide.

- a. If damaged (burrs), attempt to polish using crocus cloth oil and a fine honing stone. If broken, cracked, or damaged beyond repair, replace slide in accordance with maintenance procedures.

STEP 4. Check for faulty ammunition (determined by short recoil).

- a. Inspect bore and remove any obstructions. Replace ammunition.

TROUBLESHOOTING PROCEDURE

SYMPTOM

Lack of discharge

MALFUNCTION

HAMMER DOES NOT COCK

CORRECTIVE ACTION

WARNING

DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

- STEP 1. Check for dirt preventing sear from engaging hammer notch.
 - a. Disassemble receiver in accordance with maintenance procedures. Clean with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022) and lubricate with CLP (Item 4, WP 0022)/LSA (Item 11, WP 0022).
- STEP 2. Check for defective sear spring.
 - a. Inspect visually in the top rear of the receiver just forward of the hammer. If broken, replace in accordance with maintenance procedures.
- STEP 3. Inspect for correct installation of sear spring.
 - a. If incorrectly installed, reinstall in accordance with maintenance procedures.
- STEP 4. Check for broken sear spring pin.
 - a. Inspect by removing sear. If broken, replace in accordance with maintenance procedures.
- STEP 5. Check hammer for broken or worn sear and/or hammer notches.
 - a. If broken or worn, replace in accordance with maintenance procedures.

END OF WORK PACKAGE

CHAPTER 4
MAINTENANCE INSTRUCTIONS
FOR
Pistol, Compact 9mm, M11
Pistol, Compact 9mm, M11 with Tritium Sights

FIELD MAINTENANCE**PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) INTRODUCTION**

GENERAL

Preventive Maintenance Checks and Services (PMCS) must be performed by field maintenance personnel to be sure the M11 Compact Pistol is in good operating condition and ready for its primary mission.

To ensure maximum operational readiness, it is necessary that the M11 Compact Pistol be inspected at regular intervals so that any defects can be discovered and corrected before serious damage or failure occurs.

EXPLANATION OF COLUMN ENTRIES**Item No. Column.**

Checks and services are numbered in disassembly sequence. This column shall be used as a source of item numbers for the "TM Number" column on DA Form 5988-E, Equipment Inspection and Maintenance Worksheet-Electronic, or DA Form 2404, Equipment Inspection and Maintenance Worksheet, in recording results of PMCS.

Interval Column.

This column gives the designated interval when each check is to be performed.

Man-Hour Column.

This column indicates the amount of time required to perform the check or service.

Item To Be Checked or Serviced Column.

This column lists the items to be checked or serviced.

Procedure Column.

This column contains a brief description of the procedure by which the check is to be performed. It contains all the information required to accomplish the checks and services.

Equipment Not Ready/Available If: Column.

This column contains a brief statement of the condition (e.g., malfunction, deficiency) that would cause the covered equipment to be unavailable to perform its assigned mission.

END OF WORK PACKAGE

FIELD MAINTENANCE

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

INITIAL SETUP:

Preventive Maintenance Checks and Services for M11 Compact Pistol

ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
			<p style="text-align: center;">WARNING</p> <p>To prevent personnel injury/death, before starting an inspection and/or performing any maintenance procedures, ensure to clear weapon. Do not squeeze trigger until pistol has been cleared. Inspect chamber to ensure empty, ensure there are no obstructions in barrel. Do not keep live ammunition near work/maintenance area.</p> <p style="text-align: center;">NOTE</p> <p>GENERAL - Inspect all assemblies for missing, broken or loose parts. Inspect parts for cracks, dents, burrs, excessive wear, rust or corrosion. Ensure all items are cleaned and lubricated. Inspect external surfaces for adequate finish. Repair or replace authorized defective parts or evacuate to direct support maintenance/next authorized repair level.</p>	
1	Quarterly	Pistol	Field strip pistol per WP 0009.	
2	Quarterly	Slide/Barrel assembly	<ol style="list-style-type: none"> 1. Visually inspect slide rails for burrs or cracks. 2. Visually inspect inner and outer pins. The slot of breechblock outer pin should point upward at 12 o'clock and the slot of inner pin should point down at 6 o'clock. 3. Visually inspect sights. Ensure front and rear sights are both secure in slide dovetail slots. 4. Check that tritium light sources in sights are present and provide sufficient illumination. 	<p>Pin slots are not positioned at approximately 12 o'clock and 6 o'clock. (1800 apart).</p> <p>Sights are missing or loose.</p> <p>If light sources do not illuminate, refer to radiation warning.</p>

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) – (CONTINUED)

ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
			<p>5. Visually inspect barrel and barrel lug for cracks and obstructions. Visually inspect chamber area for cracks, obstructions, or excessive pitting.</p> <p style="text-align: center;">NOTE</p> <p>Suspected excessive pitting should be evaluated to direct support maintenance.</p> <p>6. Visually inspect recoil spring for flat spots. Visually inspect recoil spring and recoil spring guide for straightness and burrs. Check that recoil spring guide passes freely into both ends of recoil spring.</p>	<p>Barrel or barrel lug have cracks or obstructions. Chamber has cracks, obstructions, or excessive pitting.</p> <p>Recoil spring has flat spots. Recoil spring or recoil spring guide is bent or has burrs. Recoil spring guide does not pass freely into recoil spring.</p>
3	Quarterly	Receiver Assembly	<p>1. Visually inspect receiver rails for bends, cracks or burrs.</p> <p>2. Visually inspect magazine well for cleanliness and burrs.</p>	<p>Receiver rails are bent, cracked, or burred.</p> <p>Magazine well is dirty or burred.</p>
4	Quarterly	Pistol	<p>1. Assemble pistol. Ensure parts are installed correctly and are in good working condition. Perform safety/function test in WP 0013.</p> <p>2. Check all moving parts for binding or hesitation.</p>	<p>Parts incorrectly installed. Parts no in serviceable condition.</p> <p>Moving parts bind or hesitate.</p>

END OF WORK PACKAGE

CHAPTER 5
MAINTENANCE INSTRUCTIONS
FOR
Pistol, Compact 9mm, M11
Pistol, Compact 9mm, M11 with Tritium Sights

**FIELD MAINTENANCE
SERVICE UPON RECEIPT**

INITIAL SETUP:

NOT APPLICABLE

GENERAL

WARNING

Before starting an inspection, ensure to clear weapon. Do not actuate trigger until weapon has been cleared. Inspect chamber to ensure empty. Ensure there are no obstructions in barrel.

NOTE

Reporting of deficiencies shall be as follows: Army users submit an SF 368 (Quality Deficiency Report) to: Commander, Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-QAD, Rock Island, IL 61299-6000. Navy users submit Quality Deficiency Report to: Commanding Officer, Naval Weapons Support Center, Code 20, Crane, IN 47522-5020. Air Force users submit Material Deficiency Report (MDR), and Quality Deficiency Reports (QDR), in accordance with the guidance in TO 00-35D-54, USAF Deficiency Reporting and Investigating System.

Used, waste, and/or spilled cleaning solvents and lubricants as well as items contaminated by these substances (such as cleaning rags) must be disposed of properly. See Hazardous Waste Disposal Information on page 0001-2 for further information.

When a new or reconditioned weapon is first received, it is the responsibility of the officer-in-charge to determine whether the weapon has been properly prepared for service by supplying organization and whether it is in proper condition to perform its mission.

Table 1. Service Upon Receipt of Materiel.

Location	Item	Action	Remarks
1. Container	a. Pistol	a. Check container for damage prior to unpacking. Check unpacked equipment. b. Inspect equipment for damage incurred during shipment. c. Inspect for modifications of equipment. d. Check the equipment against the packing slip to see if the shipment is complete.	See Operators Manual: Army TM 9-1005-325-10; Air Force TO 11W3-3-4-11; Navy SW370-AG-OPI-010/9mm-Mil. a. If equipment has been damaged, report damage on SF 361, Transportation Discrepancy Report. c. Report all discrepancies in accordance with applicable service instructions (ex, for Army instructions, see DA PAM 738-750). Army submit an SF 368 (Quality Deficiency Report) to: Commander, U.S. Army

SERVICE UPON RECEIPT - (CONTINUED)

Armament, Munitions and Chemical Command, ATTN: AMSMC-QAD, Rock Island, IL 61299-6000.

Air Force submit Material Deficiency Report (MDR) to WR-ALC/LZBS, Robbins AFB, GA 31098-5609.

Navy submit Quality Deficiency Report to: Commander, Naval Surface Warfare Center, Crane Division, Code 2041, Crane IN 47522-5020.

- | | | |
|-----------|--------------|---|
| 2. Pistol | a.
Barrel | a. Remove corrosion inhibitor from barrel. |
| | b.
Pistol | a. Field strip. Inspect pistol for missing parts.
b. Clean and lubricate.
c. Reassemble.
d. Perform safety/function check (WP 0013). |

END OF TASK

AMMUNITION HANDLING**Ammunition****WARNING**

1. Use M882 ammunition only. Use of other ammunition is at discretion and responsibility of local commander.
2. Do not fire heavily corroded or dented cartridges, cartridges with loose bullets or any other defective rounds detected by visual inspection.

CAUTION

MK 243 MOD 0 ammunition is only authorized for use within the United States and its territories without an army policy review and consultation with host nations on a nation-by-nation basis. MK 243 MOD 0 ammunition is not authorized for use in combat. LE personnel traveling to location where MK 243 MOD 0 ammunition is not authorized will be issued ball ammunition (A363) or equivalent.



Figure 1. Ammunition.

NOTE

In Figure 1. above from far left to right, M882 Ball (WITH CANNELURE), M882 Ball (WITHOUT CANNELURE), MK243 MOD 0 JACKETED HOLLOW PT, M917A1 DUMMY ROUND, Frangible (AIR FORCE TRAINING ONLY)

AMMUNITION WHICH FAILS TO FIRE. Dispose of any ammunition which fails to fire according to authorized procedures.

CARE, HANDLING, AND PRESERVATION.

1. Protect ammunition from mud, sand, and water. If 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.
2. Do not expose ammunition to direct rays of sun. If powder is hot, excessive pressure may develop when pistol is fired.
3. Do not oil or grease ammunition. Dust and other abrasives that collect on greasy ammunition may cause damage to operating parts of pistol. Oiled cartridges produce excessive chamber pressure. Oil on cartridges can penetrate sealants to contaminate primer and propellant to cause hangfires, misfires, and bullet-in-bore weapon stoppages.

Table 2. Authorized Ammunition

Authorized Ammunition	DODIC
M882 Ball	A360, A363, AA49 (commercial pack)
M917A1	AB45
MK243 MOD 0 (Law Enforcement in CONUS and US territories Only)	A260 (NSN 1305-01-357-8488 Only)
Frangible (Air Force Only)	AA16

NOTE

Air Force Only - 9mm frangible ammunition is for TRAINING USE ONLY.

END OF TASK

END OF WORK PACKAGE

FIELD MAINTENANCE
PISTOL ASSEMBLY, DISASSEMBLY, CLEANING, INSPECTION, REPAIR OR REPLACEMENT, ASSEMBLY

INITIAL SETUP:**Tools and Special Tools**

Tool Set, Small Arms, (Item 1, WP 0022)

Lubricant oil, weapons (LAW), (Item 10, WP 0022)

Lubricant oil, weapons semi-fluid (LSA), (Item 11, WP 0022)

Materials/Parts

Cleaner, lubricant and preservative (CLP), (Item 4, WP 0022)

Rag Wiping, (Item 13, WP 0022)

Cleaning compound, solvent: rifle bore cleaner (RBC), (Item 6, WP 0022)

Solid film lubricant, (Item 9, WP 0022)

Gloves, chemical and oil protective, (Item 8, WP 0022)

Solvent, dry cleaning, (Item 14, WP 0022)

Equipment Condition

Clear/Unloaded

This task covers disassembly, cleaning, inspection, repair or replacement, assembly of the M11 Compact Pistol.

DISASSEMBLY**FIRE, VAPOR, ICE HAND**

DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

Use extreme care with cleaning solvents. Cleaning solvents evaporate quickly and can irritate exposed skin upon contact. In cold weather, contact of exposed skin with cleaning solvents can cause frostbite. Failure to follow this warning may cause injury or death to personnel.

CAUTION

Dry fire pistol only in conjunction with function checks in PMCS and/or during training.

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

1. Ensure weapon (Figure 1, Item 4) is clear/unloaded.
2. Allow slide (Figure 1, Item 1) to return fully forward.
3. Hold weapon (Figure 1, Item 4) in right hand with muzzle slightly elevated. Pull slide (Figure 1, Item 1) to rear until slide stop (Figure 1, Item 3) and rounded cutout in slide are aligned. With thumb, rotate disassembly lever (Figure 1, Item 5) downward until it stops.
4. Pull slide and barrel assembly (Figure 1, Item 1) forward and remove from frame (Figure 1, Item 2).

DISASSEMBLY – (CONTINUED)

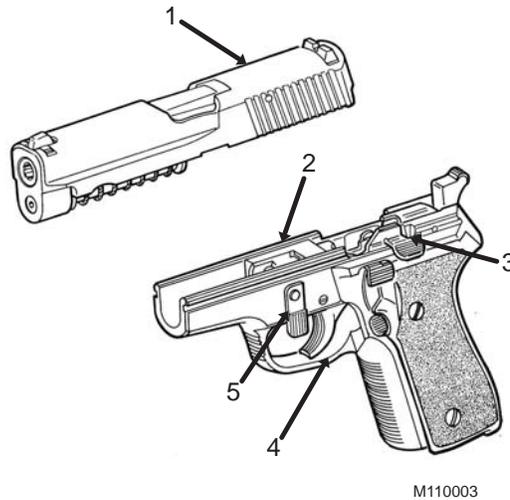
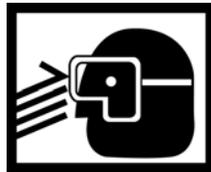


Figure 1. Disassembly Compact Pistol

WARNING

Use care when removing recoil spring and spring guide. Because of the amount of compression, assembly will be released under spring tension and could cause possible injury to personnel, or become damaged or lost.

5. Slightly compress recoil spring (Figure 2, Item 4) and spring guide (Figure 2, Item 3), simultaneously lifting and removing recoil spring and spring guide from slide (Figure 2, Item 1).
6. Remove recoil spring (Figure 2, Item 4) from spring guide (Figure 2, Item 3).
7. Lift and remove barrel (Figure 2, Item 2) from slide (Figure 2, Item 1).

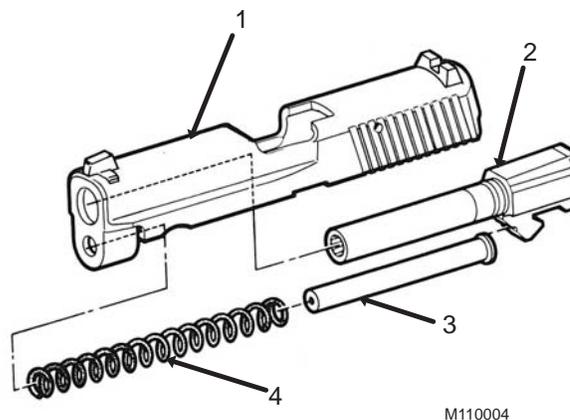
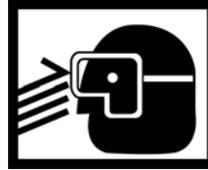


Figure 2. Disassembly Compact Pistol

DISASSEMBLY – CONTINUED

8. Depress magazine insert (Figure 3, Item 3) through opening in floorplate (Figure 3, Item 1).

WARNING

Use care when removing spring. The compression of assembly will be released under spring tension and could cause possible injury to personnel, or become damaged or lost.

9. Slide floorplate (Figure 2, Item 1) off magazine tube (Figure 2, Item 5).
10. Remove magazine spring (Figure 3, Item 4), magazine insert (Figure 3, Item 3) and magazine follower (Figure 3, Item 2) from magazine tube (Figure 3, Item 5).

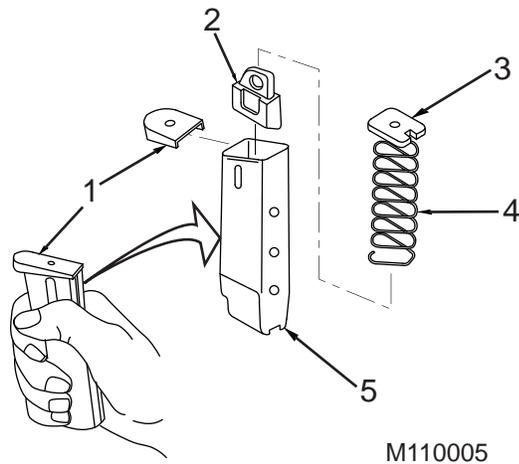


Figure 3. Disassembly, Compact Pistol

END OF TASK

CLEANING**WARNING**

DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

Use extreme care with cleaning solvents. Cleaning solvents evaporate quickly and can irritate exposed skin upon contact. In cold weather, contact of exposed skin with cleaning solvents can cause frostbite. Failure to follow this warning may cause injury or death to personnel.

Remove dirt, corrosion or powder residue from parts with wiping rag (Item 13, WP 0022) dampened with CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022).

END OF TASK**INSPECTION OF INSTALLED ITEMS**

1. Visually inspect all parts for damage.
2. Inspect external surfaces for proper finish (black surfaces should not reflect light).
3. Touch up as required with solid film lubricant (Item 9, WP 0022).

CAUTION

If solid film lubricant (Item 9, WP 0022) comes in contact with any moving or internal part, clean part with dry cleaning solvent (Item 9, WP 0022) to prevent equipment damage.

4. Apply solid film lubricant (Item 9, WP 0022) to all external surfaces showing wear. Allow to dry a minimum of 12 hours before using weapon.

END OF TASK**ASSEMBLY****NOTE**

Grasp slide with bottom facing up. With other hand, grasp barrel by barrel lug.

1. Install barrel (Figure 4, Item 2) into slide (Figure 4, Item 1).
2. Install recoil spring (Figure 4, Item 5) on recoil spring guide (Figure 4, Item 4).

ASSEMBLY – CONTINUED**CAUTION**

During spring insertion, spring tension must be maintained until spring guide is fully seated on cutaway on barrel lug to prevent damage or loss of spring.

3. Insert end of recoil spring (Figure 4, Item 5), recoil spring guide (Figure 4, Item 4) into slide (Figure 4, Item 1). Simultaneously, compress recoil spring, lower spring guide until fully seated on barrel lug (Figure 4, Item 3).

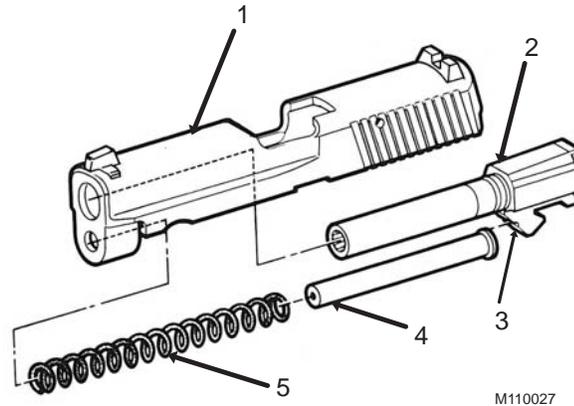


Figure 4. Assembly. Compact Pistol

CAUTION

If hammer is cocked, carefully lower hammer manually. Do not pull trigger while placing slide on receiver or equipment damage will occur.

4. Grasp slide and barrel assembly (Figure 5, Item 1), sights up, and align slide and barrel assembly on receiver guide rails (Figure 5, Item 2).
5. Push until round cutout in slide and barrel assembly (Figure 5, Item 1) is aligned with slide stop (Figure 5, Item 3).
6. Rotate disassembly lever (Figure 5, Item 5) upward on receiver (Figure 5, Item 4) and release slide and barrel assembly (Figure 5, Item 1).

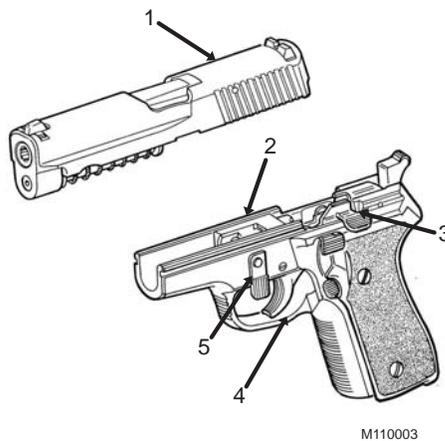


Figure 5. Assembly. Compact Pistol

7. Install magazine follower (Figure 6, Item 2) on magazine spring (Figure 6, Item 4).

ASSEMBLY – (CONTINUED)

8. Install magazine follower (Figure 6, Item 2), magazine spring (Figure 6, Item 4) into magazine tube (Figure 6, Item 5).

NOTE

Ensure insert locks into floorplate opening.

9. Install magazine insert (Figure 6, Item 3) onto magazine spring (Figure 6, Item 4) and compress to install magazine floorplate (Figure 6, Item 1).

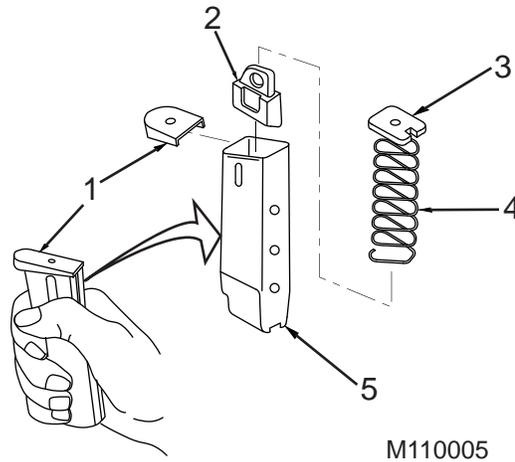


Figure 6. Assembly. Compact Pistol

END OF TASK

END OF WORK PACKAGE

FIELD MAINTENANCE

SLIDE ASSEMBLY DISASSEMBLY, REPAIR, ASSEMBLY

INITIAL SETUP:

Tools and Special Tools

Tool Set, Small Arms, (SC 5180-95-CL-A07),
(Item 1, WP 0021)

Tool Set, Small Arms, (SC 4933-95-CL-A11),
(Item 2, WP 0021)

Lubricant, (Item 10, WP 0022)

Solid film lubricant, (Item 9, WP 0022)

Solvent, dry cleaning, (Item 14, WP 0022)

Wiping rag, (Item 13, WP 0022)

Pin, P/N 34-221-600, (1), (Item 2, WP 0016)

Pin, P/ N 34-221-650, (1), (Item 1, WP 0016)

Materials/Parts

Cleaning compound, solvent: rifle bore cleaner
(RBC), (Item 6, WP 0022)

Cloth, abrasive, crocus, (Item 7, WP 0022)

Equipment Condition

Pistol field stripped.

This work package covers Disassembly, Repair, Assembly of slide assembly.

DISASSEMBLY

WARNING

To prevent personnel injury or death, ensure weapon is clear and there are no obstructions in barrel or chamber. Do not keep live ammunition near work/maintenance area.

1. Using 1/8" punch, tap out inner pin (Figure 1, Item 2) and outer pin (Figure 1, Item 3) from slide (Figure 1, Item 1). Discard pins.
2. Remove breechblock (Figure 1, Item 4) from slide (Figure 1, Item 1).

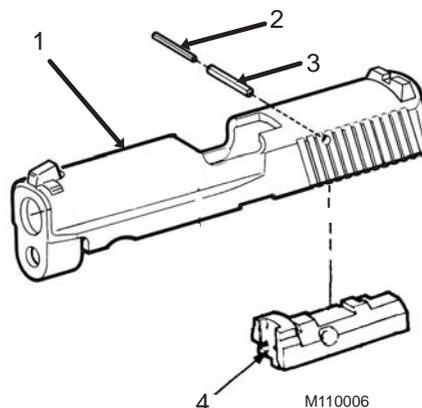


Figure 1. Disassembly. Slide Assembly

DISASSEMBLY – (CONTINUED)

3. Press firing pin (Figure 2, Item 4) forward and remove firing pin safety lock (Figure 2, Item 6) and firing pin safety lock spring (Figure 2, Item 5) from breechblock (Figure 2, Item 2).
4. Remove firing pin (Figure 2, Item 4) and firing pin spring (Figure 2, Item 3) from breechblock (Figure 2, Item 2).

NOTE

To remove firing pin spring from firing pin. Grip tightly where firing pin spring attaches to firing pin. Turn and pull in a clockwise direction.

5. Loosen extractor (Figure 2, Item 1) at its rear, using 1/8" screwdriver, and remove from breechblock (Figure 2, Item 2).

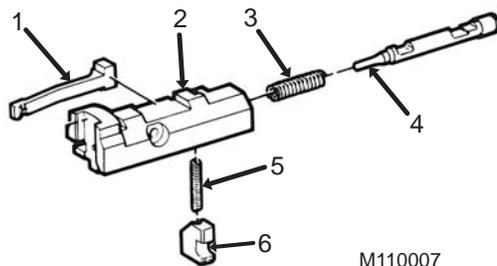


Figure 2. Disassembly. Slide Assembly

WARNING

When inspecting or removing radioactively illuminated sights, follow radiation safety procedures to prevent damage to sight base or dovetail. As noted below.

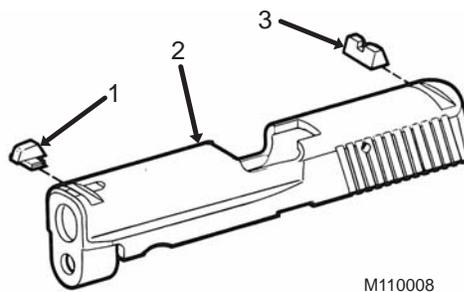
CAUTION

Install and remove the sights from left side of the slide to prevent damage to sight base or dovetail.

6. Mark location of front sight (Figure 3, Item 1) and rear sight (Figure 3, Item 3) in dovetails of slide (Figure 3, Item 2) using a pencil.

DISASSEMBLY – CONTINUED**NOTE**

1. Use soft-jaw vise and brass punch to remove front and rear sights.
2. Do Not discard tritium sights in trash.
3. Place all spent tritium sights into a small sealable bag and label "tritium sights do not open, contains 6 mci each H3 per sight." Turn into your local Radiation Safety Officer (RSO) for proper disposal ASAP.
4. If sight has known damage, wash hands immediately after performing repair.
5. Non-illuminated sights must be removed and disposed of properly.
7. Remove front sight (Figure 3, Item 1) and rear sight (Figure 3, Item 3) from slide (Figure 3, Item 2).



M110008

Figure 3. Disassembly. Slide Assembly

END OF TASK**REPAIR OR REPLACEMENT**

Repair as needed with authorized parts.

END OF TASK

ASSEMBLY**WARNING**

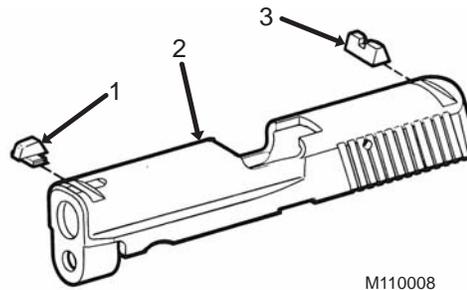
When inspecting or removing radioactively illuminated sights, follow radiation safety procedures to prevent damage to sight base or dovetail. As noted below.

CAUTION

Install and remove the sights from left side of the slide to prevent damage to sight base or dovetail.

NOTE

1. Align sights to pencil marks.
 2. Do Not discard tritium sights in trash.
 3. Place all spent tritium sights into a small sealable bag and label "tritium sights do not open, contains 6 mci each H3 per sight." Turn into your local Radiation Safety Officer (RSO) for proper disposal ASAP.
 4. If sight has known damage, wash hands immediately after performing repair.
 5. Non-illuminated sights must be removed and disposed of properly.
1. Install front sight (Figure 4, Item 1) and rear sight (Figure 4, Item 3) on slide (Figure 4, Item 2).



M110008

Figure 4. Assembly. Slide Assembly

2. Install extractor (Figure 5, Item 1) on breechblock (Figure 5, Item 2).
3. Install firing pin spring (Figure 5, Item 3), with narrow end leading, on firing pin (Figure 5, Item 4).

NOTE

Ensure cutouts are toward top of breechblock.

4. Install firing pin spring (Figure 5, Item 3), firing pin (Figure 5, Item 4) on breechblock (Figure 5, Item 2).
5. Install firing pin safety lock spring (Figure 5, Item 5), firing pin safety lock (Figure 5, Item 6) into the breechblock (Figure 5, Item 2).

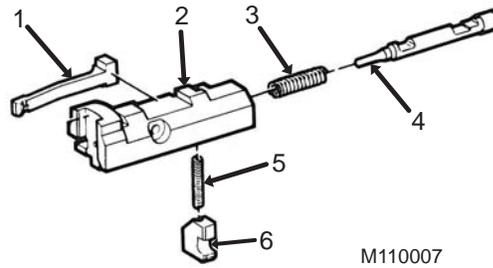
ASSEMBLY – CONTINUED

Figure 5. Assembly. Slide Assembly

CAUTION

Ensure that slot of breechblock outer pin points upward at 12 o'clock and slot of inner pin points down at 6 o'clock.

6. Install new outer pin (Figure 6, Item 3) slot at 12 o'clock. Start outer pin into slide (Figure 6, Item 1) until pin is flush with inside of slide.
7. Hold breechblock (Figure 6, Item 4) by rib on breechblock and install in slide (Figure 6, Item 1). Ensure breechblock is fully seated.
8. Hold breechblock (Figure 6, Item 4), press firing pin (Figure 6, Item 5) slightly rearward, drive new outer pin (Figure 6, Item 3) into first half of breechblock in slide (Figure 6, Item 1).
9. Drive new inner pin (Figure 6, Item 2), with slot at 6 o'clock, flush with slide (Figure 6, Item 1).

NOTE

Ensure firing pin and firing pin safety lock function smoothly.

10. Finish installing inner pin (Figure 6, Item 2) and outer pin (Figure 6, Item 3) until pins are centered in slide (Figure 6, Item 1).

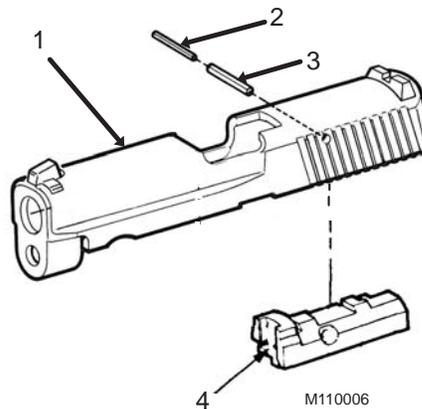


Figure 6. Assembly. Slide Assembly

FOLLOW-ON MAINTENANCE

Pistol assembled.

END OF TASK

END OF WORK PACKAGE

FIELD MAINTENANCE

RECEIVER ASSEMBLY DISASSEMBLY, CLEANING, INSPECTION, REPAIR, ASSEMBLY

INITIAL SETUP:

Tools and Special Tools

Tool Set, Small Arms, (SC 5180-95-CL-A07),
(Item 1, WP 0021)
Tool Set, Small Arms, (SC 4933-95-CL-A11),
(Item 2, WP 0021)

Cleaning compound, solvent: rifle bore cleaner
(RBC), (Item 6, WP 0022)
Cloth, abrasive, crocus, (Item 7, WP 0022)
Solid film lubricant, (Item 9, WP 0022)
Lubricant oil, weapons semi-fluid (LSA), (Item 11,
WP 0022)
Wiping rag, (Item 13, WP 0022)

Materials/Parts

Brush, cleaning, small arms (toothbrush),
(Item 2, WP 0022)

Equipment Condition

Pistol field stripped.

DISASSEMBLY

This work package covers Disassembly, Cleaning, Inspection, Repair, Assembly of the receiver assembly.

WARNING



To prevent personnel injury or death, make certain weapon is clear and there are no obstructions in the barrel or chamber. Do not keep live ammunition near work/maintenance area.

NOTE

Insert forefinger into magazine well and gently lift up on pistol grip to remove from receiver.

1. Remove two grip screws (Figure 1, Item 2) from receiver (Figure 1, Item 1). Repeat procedure to remove other grip (Figure 1, Item 3).

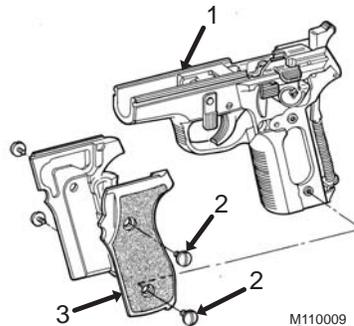


Figure 1. Disassembly. Grip Removal

2. Decock hammer (Figure 2, Item 3) using decocking lever (Figure 2, Item 4).

DISASSEMBLY – (CONTINUED)

3. Rotate disassembly lever (Figure 2, Item 5) upward to vertical position and remove from receiver (Figure 2, Item 6).
4. Push locking insert (Figure 2, Item 1) and slide stop spring (Figure 2, Item 2) forward and remove from receiver (Figure 2, Item 6).
5. Remove slide stop spring (Figure 2, Item 2) from locking insert (Figure 2, Item 1).

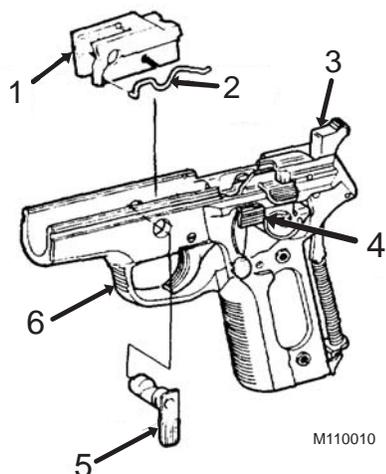


Figure 2. Disassembly. Receiver Disassembly

6. Remove trigger bar spring (Figure 3, Item 1) from receiver (Figure 3, Item 5).
7. Remove trigger pivot pin (Figure 3, Item 4) from receiver (Figure 3, Item 5). Discard trigger pivot pin.
8. Remove slide stop (Figure 3, Item 3) from receiver (Figure 3, Item 5).
9. Remove trigger (Figure 3, Item 6) and trigger bar (Figure 3, Item 2) from receiver (Figure 3, Item 5).
10. Remove trigger bar (Figure 3, Item 2) from trigger (Figure 3, Item 6).

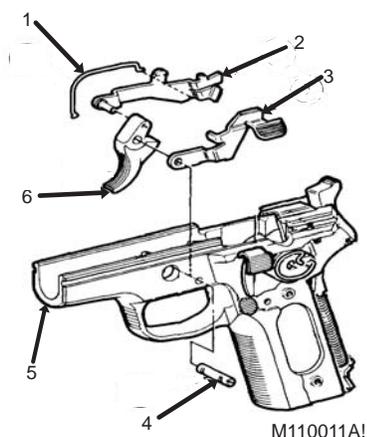


Figure 3. Disassembly. Trigger Disassembly

11. Compress main spring seat upward (Figure 4, Item 7) remove hammer strut assembly (Figure 4, Item 8) from receiver (Figure 4, Item 9).

DISASSEMBLY – CONTINUED**NOTE**

For sear spring pin. Replace only if damaged.

12. Remove sear spring pin (Figure 4, Item 11) from sear spring (Figure 4, Item 12).
13. Remove sear pivot pin (Figure 4, Item 5) from receiver (Figure 4, Item 9).
14. Remove safety lever (Figure 4, Item 1), sear (Figure 4, Item 2), and sear spring (Figure 4, Item 12) from receiver (Figure 4, Item 9).
15. Remove ejector (Figure 4, Item 10) from receiver (Figure 4, Item 9).
16. Remove hammer pivot pin (Figure 4, Item 6) from hammer (Figure 4, Item 3).

NOTE

For hammer strut pin. Replace only if damaged.

17. Remove hammer strut pin (Figure 4, Item 4), hammer (Figure 4, Item 3) from receiver (Figure 4, Item 9). Discard hammer strut pin.

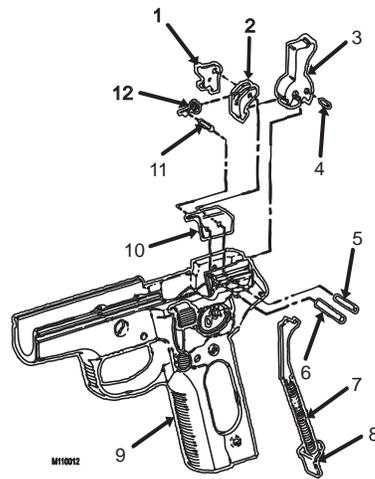


Figure 4. Disassembly. Hammer Strut Assembly

18. Remove hammer stop pin (Figure 5, Item 3) from receiver (Figure 5, Item 4). Discard hammer stop pin.
19. Remove hammer stop (Figure 5, Item 2) from receiver (Figure 5, Item 4).
20. Remove reset spring (Figure 5, Item 1) from receiver (Figure 5, Item 4).

DISASSEMBLY – (CONTINUED)

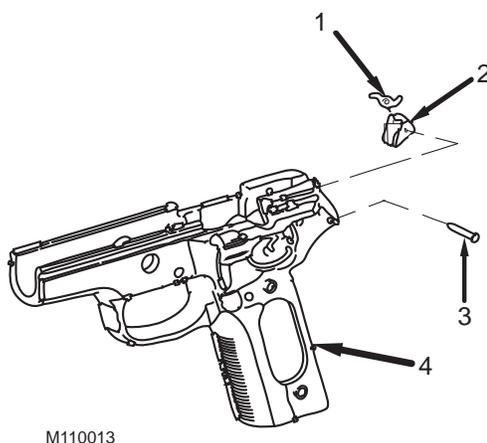


Figure 5. Disassembly. Hammer Assembly

21. Remove decocking lever spring (Figure 6, Item 3) from rear of decocking lever (Figure 6, Item 2).
22. Remove decocking lever (Figure 6, Item 2) from receiver (Figure 6, Item 4).
23. Remove decocking lever support (Figure 6, Item 1) from receiver (Figure 6, Item 4).

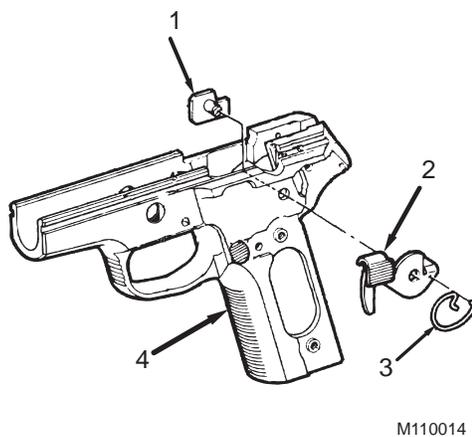


Figure 6. Disassembly. Decocking lever

24. Press magazine catch detent (Figure 7, Item 6) in and remove magazine catch detent, magazine catch detent spring (Figure 7, Item 5) from magazine catch (Figure 7, Item 4).
25. Remove magazine catch (Figure 7, Item 4), magazine catch spring (Figure 7, Item 3) from receiver (Figure 7, Item 1).
26. Remove magazine catch retainer (Figure 7, Item 2) from receiver (Figure 7, Item 1).

DISASSEMBLY – CONTINUED

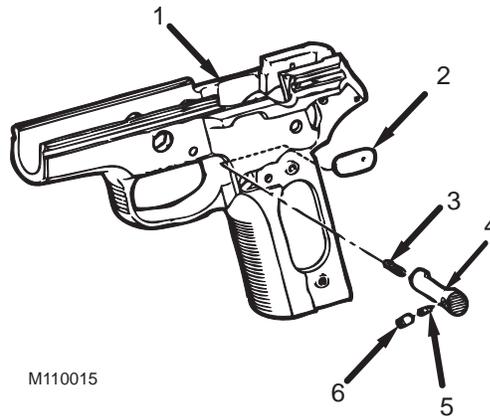


Figure 7. Disassembly. Decocking lever

END OF TASK

CLEANING

WARNING

DO NOT breathe cleaning solvents for a prolonged period of time or use solvent near open flames. To avoid illness, explosion, or fire, use solvent only in well-ventilated areas away from open flames. Failure to follow this warning may cause injury or death to personnel.

Use extreme care with cleaning solvents. Cleaning solvents evaporate quickly and can irritate exposed skin upon contact. In cold weather, contact of exposed skin with cleaning solvents can cause frostbite. Failure to follow this warning may cause injury or death to personnel.

1. Remove dirt and corrosion from powder-fouled parts with wiping rag (Item 13, WP 0022) dampened in CLP (Item 4, WP 0022)/RBC (Item 6, WP 0022).
2. Lightly lubricate with CLP (Item 4, WP 0022).
3. Clean internal threads in receiver handle with brush cleaning (toothbrush) (Item 2, WP 0022).

END OF TASK

REPAIR OR REPLACEMENT**NOTE**

If receiver is distorted, receiver has cracks, or receiver rails have cracks, the receiver is unserviceable.

1. Check receiver for distortion and burrs.
2. Check receiver and receiver rails for cracks.
3. Remove burrs from parts with a crocus cloth (Item 7, WP 0022).
4. Check pins for distortion, cracks, or excessive wear. Replace if distorted, cracked, or excessively worn.
5. Check springs for breaks, cracks, distortion. Replace broken, cracked, or permanently set springs.
6. External surface finish is critical. If any shiny surfaces exist, use solid film lubricant (Item 9, WP 0022).

END OF TASK**ASSEMBLY****NOTE**

To reverse magazine catch assembly, install button and magazine catch retainer on opposite side of pistol.

1. Install magazine catch retainer (Figure 8, Item 2) on receiver (Figure 8, Item 1).
2. Install magazine catch (Figure 8, Item 4) and magazine catch spring (Figure 8, Item 3) on receiver (Figure 8, Item 1).
3. Install magazine catch detent (Figure 8, Item 6), magazine catch detent spring (Figure 8, Item 5) on receiver (Figure 8, Item 1).

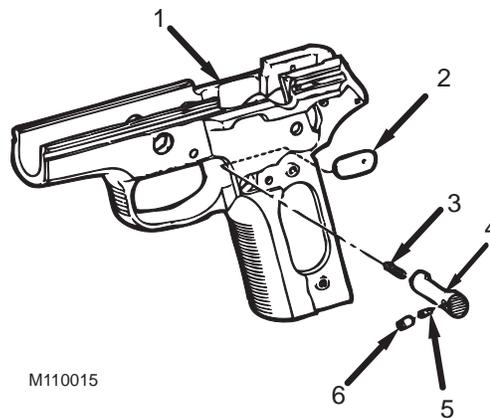


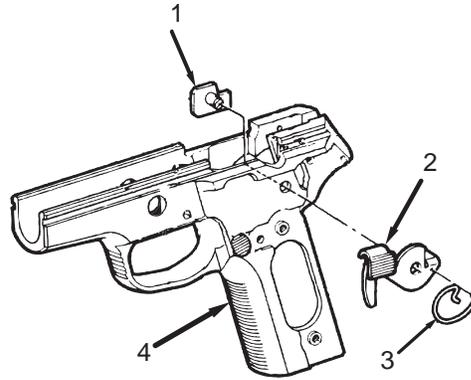
Figure 8. Assembly. Magazine Catch

4. Install decocking support (Figure 9, Item 1) on receiver (Figure 9, Item 4).
5. Install decocking lever (Figure 9, Item 2) on decocking lever support (Figure 9, Item 1).

ASSEMBLY – CONTINUED**NOTE**

Decocking lever spring applies tension when hooked into hole at rear of decocking lever.

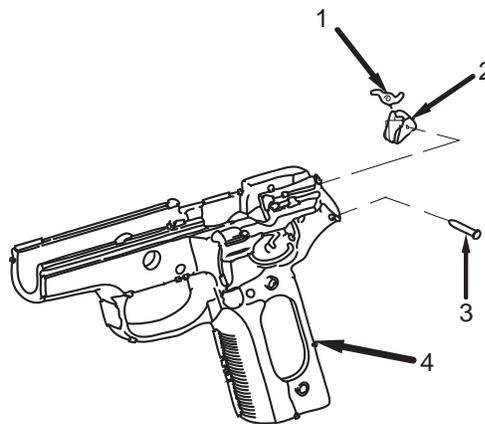
6. Install decocking lever spring (Figure 9, Item 3) on decocking lever support (Figure 9, Item 1).



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Figure 9. Assembly. Decocking Assembly

7. Install reset spring (Figure 10, Item 1) and hammer stop (Figure 10, Item 2) on receiver (Figure 10, Item 4).
8. Install new hammer stop pin (Figure 10, Item 3) in receiver (Figure 10, Item 4).



M110013

Figure 10. Assembly. Reset spring

9. If removed, install new hammer strut pin (Figure 11, Item 4) on hammer (Figure 11, Item 3).

ASSEMBLY – (CONTINUED)**NOTE**

Ensure arm of reset spring rests on hammer strut pin. Ensure that hammer is in decocked position before installing hammer strut assembly.

10. Install hammer (Figure 11, Item 3), new hammer pivot pin (Figure 11, Item 6) on receiver (Figure 11, Item 9).

NOTE

Position hammer strut onto hammer. Ensure hammer is in decocked position before installing hammer strut assembly.

11. Install hammer strut assembly (Figure 11, Item 8) on receiver (Figure 11, Item 9).

12. Mount main spring seat (Figure 11, Item 7) on receiver (Figure 11, Item 9).

13. If removed, install sear spring pin (Figure 11, Item 11) on receiver (Figure 11, Item 9).

14. Install ejector (Figure 11, Item 10) on receiver (Figure 11, Item 9).

15. Partially install new sear pivot pin (Figure 11, Item 5) on receiver (Figure 11, Item 9).

16. Install safety lever (Figure 11, Item 1) on sear pivot pin (Figure 11, Item 5).

NOTE

Maintain the sears position with sear pivot pin.

17. Install sear (Figure 11, Item 2) on receiver (Figure 11, Item 9).

18. Install sear spring (Figure 11, Item 12) under sear spring pin (Figure 11, Item 11).

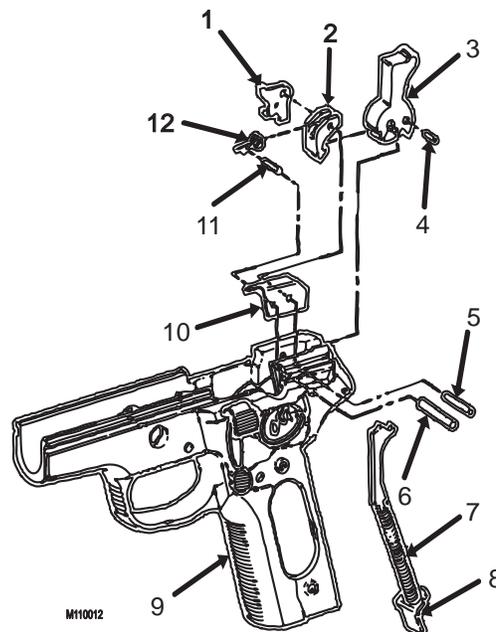


Figure 11. Assembly. Hammer strut

ASSEMBLY – CONTINUED

19. Install trigger bar (Figure 12, Item 2) and trigger (Figure 12, Item 6) on receiver (Figure 12, Item 5).

NOTE

Position trigger pin at right side of receiver with notches down and the slot at the end of the pin left and horizontal.

20. Install new trigger pivot pin (Figure 12, Item 4) on receiver (Figure 12, Item 5).

21. Install slide stop (Figure 12, Item 3) on receiver (Figure 12, Item 5). Centered on trigger pivot pin (Figure 12, Item 4).

22. Install trigger bar spring (Figure 12, Item 1) on trigger bar (Figure 12, Item 2).

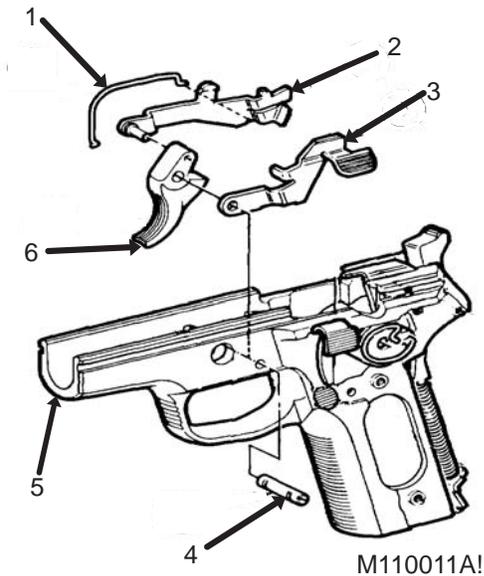


Figure 12. Assemble. Trigger Assembly

23. Install slide stop spring (Figure 13, Item 2) on locking insert (Figure 13, Item 1).

NOTE

Upon installation, align holes for disassembly lever.

24. Install locking insert (Figure 13, Item 1) on receiver (Figure 13, Item 4).

NOTE

Upon installation, seat disassembly lever by turning and pushing inward.

25. Install disassembly lever (Figure 13, Item 3) on receiver (Figure 13, Item 4).

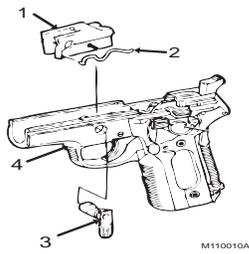
ASSEMBLY – (CONTINUED)

Figure 13. Assembly. Disassembly lever

26. Install two grip screws (Figure 14, Item 2) through grip (Figure 14, Item 3) on receiver (Figure 14, Item 1). Repeat procedure to other grip.

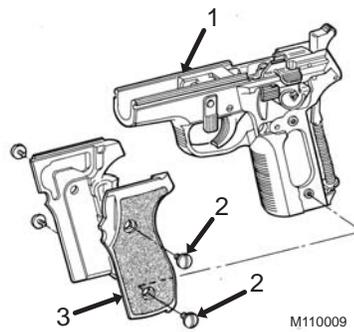


Figure 14. Assembly. Grip Assembly

FOLLOW-ON MAINTENANCE

Pistol assembled.

END OF TASK**END OF WORK PACKAGE**

FIELD MAINTENANCE

HAMMER STRUT DISASSEMBLY, REPAIR, ASSEMBLY

INITIAL SETUP:

Tools and Special Tools

Tool Set, Small Arms, (SC 5180-95-CL-A07),
(Item 1, WP 0021)
Tool Set, Small Arms, (SC 4933-95-CL-A11),
(Item 2, WP 0021)

Lubricant oil, weapons semi-fluid (LSA), (Item 11,
WP 0022)
Wiping rag, (Item 13, WP 0022)
Pin, (Item 18, WP 0016)

Materials/Parts

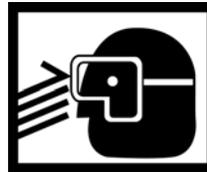
Cleaner, lubricant and preservative (CLP),
(Item 4, WP 0022)

Equipment Condition

Pistol field stripped.

DISASSEMBLY

This work package covers Disassembly, Repair, Assembly of hammer strut assembly.

WARNING

Wear adequate eye protection and use caution when relaxing main spring or personnel injury could result. During removal of the main spring pin, carefully allow the main spring to expand to prevent injury to personnel or accidental loss of parts.

1. Remove main spring pin (Figure 1, Item 2) from hammer strut (Figure 1, Item 1). Discard main spring pin.
2. Remove main spring seat (Figure 1, Item 4), main spring (Figure 1, Item 3) from hammer strut (Figure 1, Item 1).

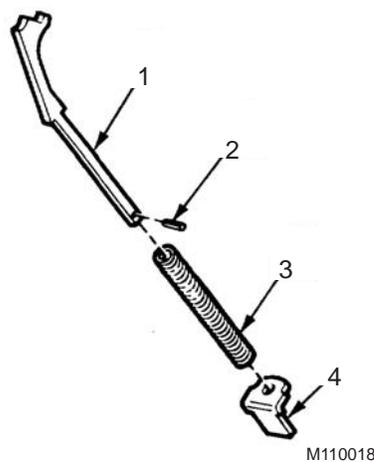
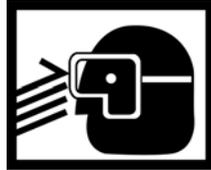


Figure 1. Disassembly. Hammer Strut Assembly

END OF TASK

REPAIR OR REPLACEMENT

Repair is by replacement of authorized parts as needed.

END OF TASK**ASSEMBLY****WARNING**

Wear adequate eye protection and use caution when installing main spring or personnel injury could result.

1. Install main spring (Figure 2, Item 3), main spring seat (Figure 2, Item 4) on hammer strut (Figure 2, Item 1).
2. Install new main spring pin (Figure 2, Item 2) on hammer strut (Figure 2, Item 1).

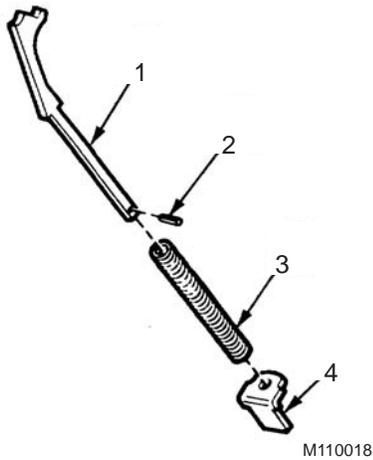


Figure 2. Assembly. Hammer Strut Assembly

FOLLOW-ON MAINTENANCE

Pistol assembled.

END OF TASK**END OF WORK PACKAGE**

FIELD MAINTENANCE
FUNCTION, TRIGGER PULL, FUNCTION-FIRE TEST

INITIAL SETUP:

NOT APPLICABLE

FUNCTION TEST

WARNING



To prevent personnel injury or death, ensure weapon is clear and there are no obstructions in barrel or chamber. Do not keep live ammunition near work/maintenance area.

1. Press slide stop (Figure 1, Item 3). Insert an empty magazine (Figure 1, Item 6) into pistol (Figure 1, Item 9). Ensure that magazine catch assembly (Figure 1, Item 7) locks empty magazine in place.

NOTE

Magazine follower should push up on slide stop, locking slide to rear.

2. Retract slide (Figure 1, Item 1) and release.
3. Press magazine catch button (Figure 1, Item 7) on the receiver (Figure 1, Item 5), to release magazine (Figure 1, Item 6) from receiver.
4. Press slide stop (Figure 1, Item 3), ensure slide (Figure 1, Item 1) returns fully forward.
5. Press decocking lever (Figure 1, Item 4) to engage hammer (Figure 1, Item 2).
6. Squeeze trigger (Figure 1, Item 8) to check double-action. Hammer (Figure 1, Item 2) should cock and fall.
7. Squeeze trigger (Figure 1, Item 8) again and hold to rear. Manually retract and release slide (Figure 1, Item 1) while holding trigger to rear. Release trigger; click should be heard, hammer should not fall.
8. Squeeze trigger (Figure 1, Item 8) to check single-action. Hammer (Figure 1, Item 2) should fall.
9. If above safety/function checks do not perform as indicated, evacuate pistol (Figure 1, Item 9) to direct support maintenance/next authorized repair level.

TEST AND INSPECTION – (CONTINUED)



Figure 1. Function Test

END OF TASK

TRIGGER PULL TEST

WARNING

To prevent personnel injury or death, ensure weapon is clear and there are no obstructions in barrel or chamber. Do not keep live ammunition near work/maintenance area. Always keep finger off trigger when operating decocking lever or slide release to prevent pistol from firing and causing possible injury or death.

1. Place test fixture (Figure 2, Item 5) on bench and add test weights (Figure 2, Item 4) until load of 4.0 lbs. is achieved.
2. Single-Action: Manually cock hammer (Figure 2, Item 3) on pistol (Figure 2, Item 2).
3. Hold pistol (Figure 2, Item 2) in vertical position. Place end of test fixture (Figure 2, Item 5) over trigger (Figure 2, Item 1). Slowly raise pistol in a line parallel to barrel until fixture and weights (Figure 2, Item 4) are suspended.

NOTE

If the hammer falls, the trigger pull is too light and the sear and/or hammer must be replaced. Replace sear and/or hammer in accordance with maintenance procedures in (WP 0011). If replacement of hammer and/or sear does not correct trigger pull concern, replace the main spring.

4. Hammer (Figure 2, Item 3) on pistol (Figure 2, Item 2) must not fall.

TEST AND INSPECTION – CONTINUED**NOTE**

If hammer does not fall, replace sear and/or hammer.

5. Add weights (Figure 2, Item 4) to test fixture (Figure 2, Item 5) until maximum load of 6.5 lbs. is reached. Repeat steps two through four.

NOTE

The hammer must be forward to begin test. Do not cock hammer.

6. Double-Action: Add test weights (Figure 2, Item 4) until minimum of 12 lbs. is reached.
7. Hold pistol (Figure 2, Item 2) in vertical position. Place the end of test fixture (Figure 2, Item 5) over trigger (Figure 2, Item 1). Slowly raise pistol in a line parallel to barrel until fixture and weights are suspended.

NOTE

If the hammer falls, trigger pull is too light and trigger bar and/or hammer must be replaced. Replace trigger bar and/or hammer in accordance with the maintenance procedures in (WP 0011). If replacement of hammer and/or trigger bar fails to correct light trigger pull, replace main spring.

8. The hammer (Figure 2, Item 3) must not fall.

NOTE

In order to reach the maximum weight of 16.5 lbs., both trigger pull test fixtures, which are included in the shop set small arms SC 4933-95 CL-A11, must be used. A new trigger pull test fixture rod must be fabricated to accommodate all weights totaling 16.5 lbs. Fabrication drawing is shown in (WP 00014).

9. Add weights (Figure 2, Item 4) until a maximum load of 16.5 lbs. is reached.

NOTE

If a part has been replaced to correct single- or double-action trigger pull, repeat the complete trigger pull test. If hammer does not meet these requirements, replace trigger bar and or hammer and retest.

10. Repeat step 7. The hammer must cock and fall.

TEST AND INSPECTION – (CONTINUED)

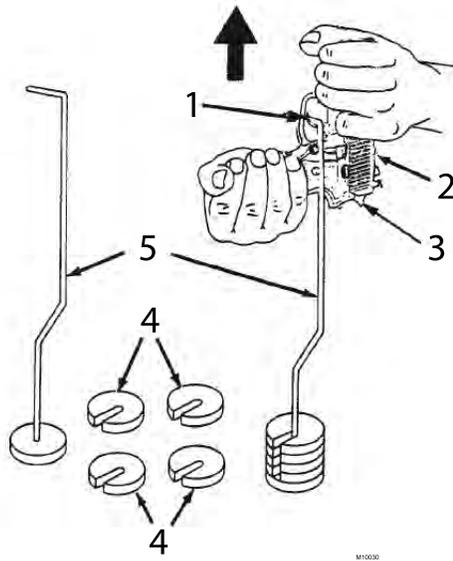


Figure 2. Trigger Pull

END OF TASK

FUNCTION-FIRE TEST

WARNING

To prevent personnel injury or death, ensure weapon is clear and there are no obstructions in barrel or chamber. Do not keep live ammunition near work/maintenance area. Always keep finger off trigger when operating decocking lever or slide release to prevent pistol from firing and causing possible injury or death.

NOTE

If possible upon completion of maintenance procedures, the M11 Compact Pistol should be function-fired to ensure proper operation. If test firing facility or live ammunition is not available, use dummy ammunition to check chambering, extraction and ejection.

1. Fire three rounds in single-action.
2. Fire three rounds in double-action.

TEST AND INSPECTION – CONTINUED**WARNING**

To prevent personnel injury or death, ensure weapon is clear and there are no obstructions in barrel or chamber. Do not keep live ammunition near work/maintenance area.

3. Upon completion of function-f ring test, clean and lubricate pistol in accordance with (WP 0009).

END OF TASK

END OF WORK PACKAGE

CHAPTER 6
MAINTENANCE INSTRUCTIONS
FOR
Pistol, Compact 9mm, M11
Pistol, Compact 9mm, M11 with Tritium Sights

FIELD MAINTENANCE

ILLUSTRATED LIST OF MANUFACTURED ITEMS

INITIAL SETUP:

NOT APPLICABLE

SCOPE

This work package includes complete instructions for making items authorized to be manufactured or fabricated at the direct support maintenance. A part number index is not applicable.

Explanation of the Illustrations of Manufactured Items

All instructions needed by maintenance personnel to manufacture the item are included on the illustrations. All bulk materials needed for manufacture of an item are listed by part number or specification number in a tabular list on the illustration.

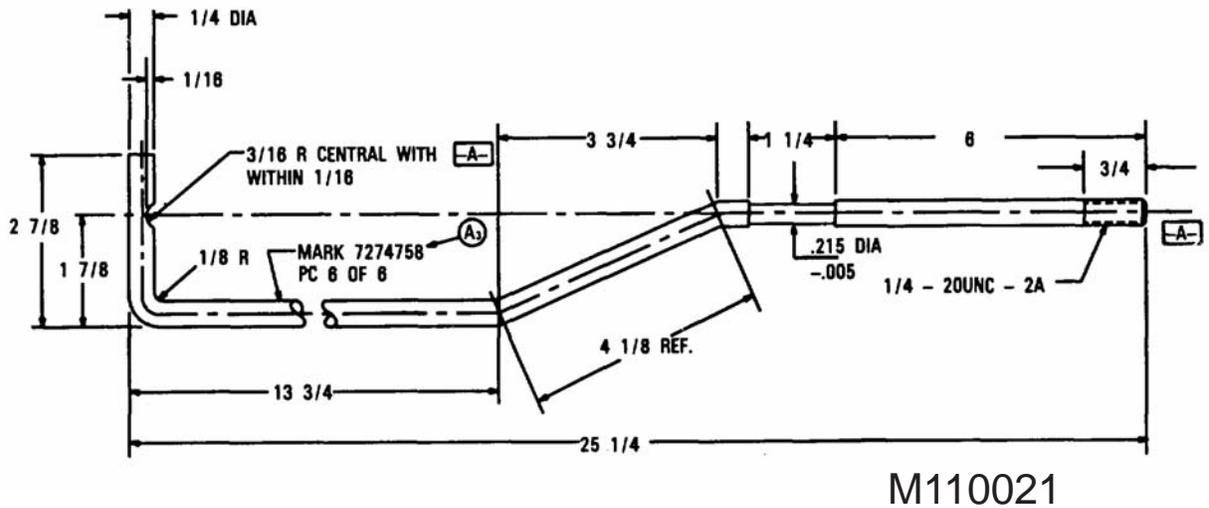


Figure 1. Trigger pull test fixture rod

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

BREAK ALL CORNERS 1/32

TOLERANCES OF DECIMALS +0.01, ANGLES 20 FRACTIONS +1/64.

USE NSN 9505-00-228-6209 (81346) ASTM A108.

WASHER, NSN 5310-00-639-7554 (81348) FF-W-92.

HEX NUT, NSN 5310-00-761-6882 (96906) MS51967-2.

NOTE: HEAT TREATING NOT REQUIRED

END OF WORK PACKAGE

CHAPTER 7
REPAIR PARTS LIST
FOR
Pistol, Compact 9mm, M11
Pistol, Compact 9mm, M11 with Tritium Sights

FIELD MAINTENANCE

INTRODUCTION TO REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)

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 M11 Compact Pistol. 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 must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. 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 parts kits are listed at the end of the individual work packages. Repair parts for reparable special tools are also listed in a separate work package. Items listed are shown on the associated illustrations.
2. **Special Tools List Work Packages.** Work packages containing lists 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 (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number. The Part Number Index work package refers you to 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

<u>Source Code</u>	<u>Maintenance Code</u>	<u>Recoverability Code</u>
XX 1st two positions: How to get an item.	XX 3rd position: Who can install, replace, or use the item.	X 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.

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

Table 2. SMR Code Explanation

<u>Source Code</u>	<u>Application/Explanation</u>
PA	

PB	NOTE
PC	Items coded PC are subject to deterioration. 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.
PD	
PE	
PF	
PG	
PH	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.
PR	
PZ	
KD	
KF	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
KB	
MO-Made at service/AMC level	
MF-Made at field/ASB level	
MH-Made at below depot sustainment level	
ML-Made at SRA/TASMG	code, but the source code indicates it is made at higher level, order the item from the higher level of maintenance.
MD-Made at depot	
MG-Navy only	Items with these codes are not to be requested/requisitioned individually.
AO-Assembled by service/AMC level	The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source
AF-Assembled by field/ASB level	
AH-Assembled by below depot sustainment level	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.
AL-Assembled by SRA/TASMG	
AD-Assembled by depot	
AG-Navy only	
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 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:

Table 3. SMR Code Explanation

<u>Maintenance 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.

Fourth Position. The maintenance code entered in the fourth 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 a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

Table 4. SMR Code Explanation

<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 Depot Sustainment 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 -	Nonreparable. No repair is authorized.
B -	No repair is authorized. No parts or special tools are authorized for the 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 entered in the fifth position of the SMR code as follows:

Table 5. SMR Code Explanation

<u>Recoverability Code</u>	<u>Application/Explanation</u>
Z -	Nonreparable 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/ASB level.
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 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 reparable 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.

Explanation of Cross-Reference Indexes Work Packages Format and Columns

1. National Stock Number (NSN) Index Work Package. NSNs 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. 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.

For example, if the NSN is 5385-01-574-1476, the NIIN is 01-574-1476.

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 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.

Table 6. Usable On Code

<u>Code</u>	<u>Used On</u>
AS3	Pistol, Compact, 9mm, M11, (NSN 1005-01-336-8265)
AS6	Pistol, Compact, 9mm, M11 with Tritium Sights (NSN 1005-01-340-0096)

Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk materials are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in the appropriate maintenance work packages of this manual.

Index Numbers. Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the NSN / Part Number (P/N) Index work packages and the bulk material list in the repair parts list work package.

How To Locate Repair Parts

1. When NSN or Part Numbers 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 subassembly 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.

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.

END OF WORK PACKAGE

FIELD MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)

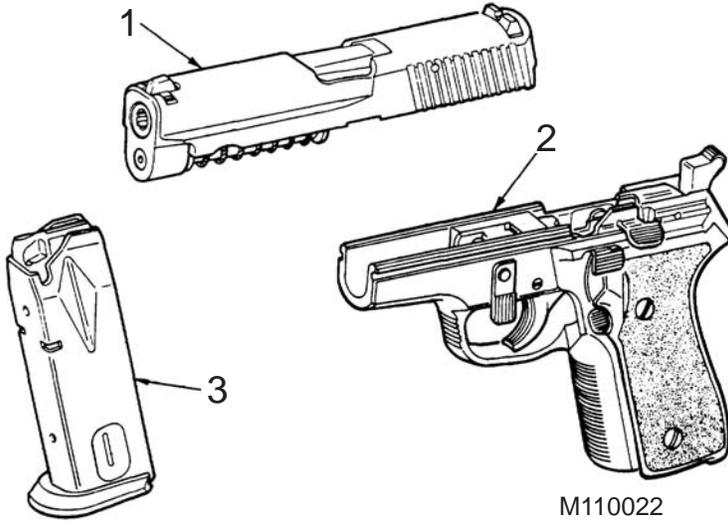


Figure 1. Pistol, Compact, 9mm, M11; Pistol, Compact, 9mm, M11, with Tritium Sight.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 00 PISTOL, COMPACT, 9MM, M11	
					FIGURE 1 Pistol, Compact, 9mm, M11; Pistol, Compact, 9mm, M11, with Tritium Sight.	
1	AFOFF		19200	NPNB	BARREL & SLIDE ASSEMBLY	1
					UOC: AS3	
1	AFOFF		19200	NPN	BARREL & SLIDE ASSEMBLY	1
					UOC: AS6	
2	XAFFA		19200	NPN	RECEIVER ASSEMBLY	1
3	PACZZ	1005-01-359-8310	1EF82	34-280-222	MAGAZINE, CARTRIDGE	1
					END OF FIGURE	

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
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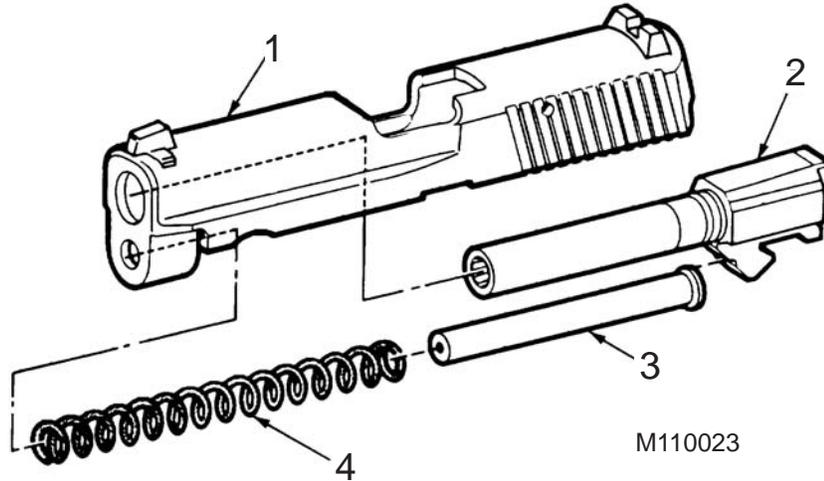


Figure 2. Barrel and Slide Assembly.

(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 AND SLIDE ASSEMBLY	
					FIGURE 2 Barrel and Slide Assembly.	
1	AFFFF		19200	NPN	SLIDE ASSEMBLY	1
					UOC: AS3	
1	AFFFF		19200	NPN	SLIDE ASSEMBLY	1
					UOC: AS6	
2	PAOZZ	1005-01-359-8437	1EF82	34-280-304	BARREL, PISTOL.	1
3	PAOZZ		1EF82	34-280-9298	GUIDE, RECOIL SPRING	1
4	PAOZZ	5360-12-173-8308	1EF82	34-225-490	SPRING, HELICAL, COMPRESSION: RECOIL	1
END OF FIGURE						

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
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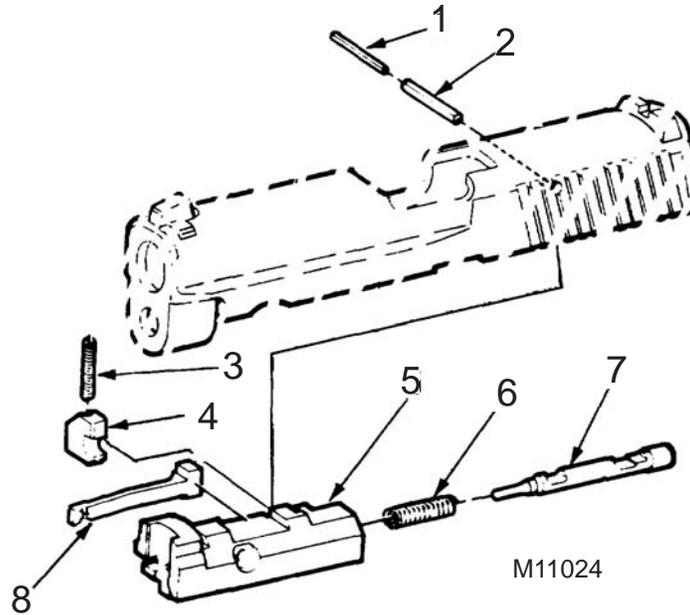


Figure 3. Slide Assembly.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0101 SLIDE ASSEMBLY	
					FIGURE 3 Slide Assembly.	
1	PAFZZ	5315-01-359-8291	1EF82	34-221-650	PIN, SPRING. INNER	1
2	PAFZZ	5315-01-359-8292	1EF82	34-221-600	PIN, SPRING. OUTER	1
3	PAFZZ	5360-12-173-8303	1EF82	34-225-590	SPRING, HELICAL, COMPRESSION SAFETY LOCK	1
4	PAFZZ	1005-01-359-8435	1EF82	34-280-315	LOCK, GUN SAFETY	1
5	PAFZZ	1005-01-359-8425	1EF82	34-280-338	BREECH BLOCK	1
6	PAFZZ	5360-12-173-8300	1EF82	34-221-560	SPRING, HELICAL, COMPRESSION.	1
7	PAFZZ	1005-01-359-8426	1EF82	34-280-314	PIN FIRING	1
8	PAFZZ	1005-01-359-8428	1EF82	34-280-313	EXTRACTOR, CARTRIDGE	1
END OF FIGURE						

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
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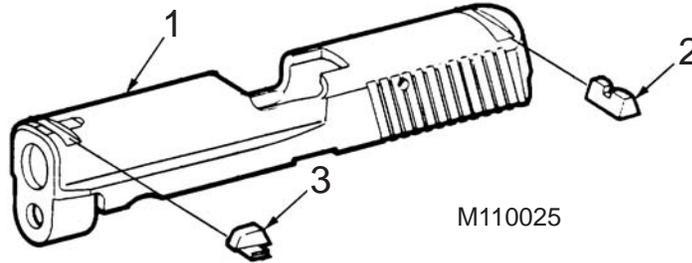


Figure 4. Slide with Sights.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 010101 SLIDE WITH SIGHTS	
					FIGURE 4 Slide with Sights.	
1	PAFZZ	1005-01-360-2413	1EF82	34-280-306.0	SLIDE AUTOMATIC PISTOL	1
2	PCFZA	1005-01-359-8431	1EF82	P00008-8A	SIGHT, REAR	1
					UOC: AS6	
2	PAFZZ	1005-01-359-8432	1EF82	11-760009	SIGHT, REAR	1
					UOC: AS3	
3	PCFZA	1005-01-359-8429	1EF82	P00007-8A	SIGHT, FRONT	1
					UOC: AS6	
3	PAFZZ	1005-01-359-8430	1EF82	34-225-540.08	SIGHT, FRONT	1
					UOC: AS3	
					END OF FIGURE	

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
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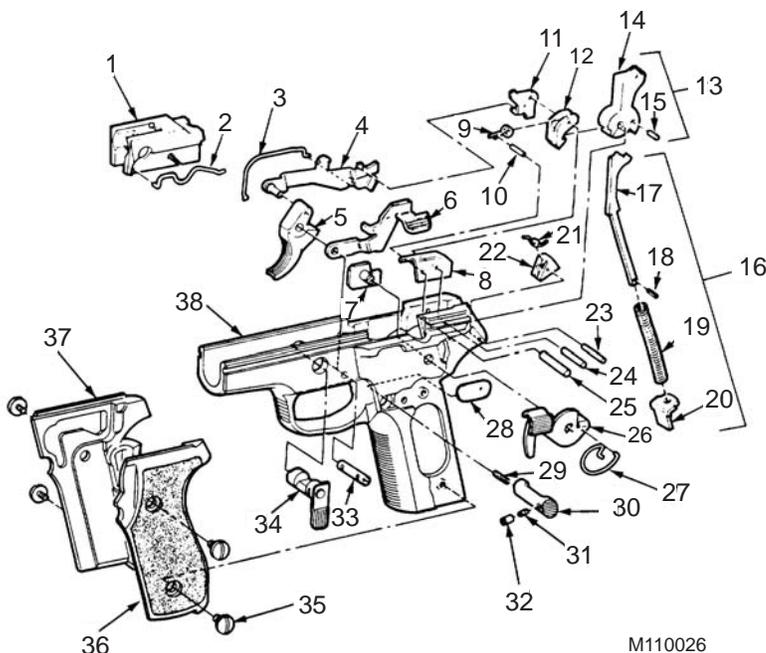


Figure 5. Receiver Assembly.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 02 RECEIVER ASSEMBLY	
					FIGURE 5 Receiver Assembly.	
1	PAFZZ	1005-01-359-9300	1EF82	34-280-317	INSERT, LOCKING	1
2	PAFZZ	5360-12-327-7020	1EF82	34-260-307	SPRING, HELICAL, TORSION SLIDE	1
3	PAFZZ	5360-12-327-7017	1EF82	34-260-242	SPRING, HELICAL, TORSION TRIGGER BAR.	1
4	PAFZZ	1005-01-359-9302	1EF82	34-280-321	BAR, TRIGGER.	1
5	PAFZZ	1005-01-359-8434	1EF82	34-280-319	TRIGGER	1
6	PAFZZ	1005-01-359-9301	1EF82	34-280-318	STOP, SLIDE.	1
7	PAFZZ	1005-01-359-9295	1EF82	34-260-110.01	SUPPORT, DECOCKING LEVER	1
8	PAFZZ	1005-01-361-5025	1EF82	34-280-327	EJECTOR, CARTRIDGE.	1
9	PAFZZ	5360-12-173-2910	1EF82	34-221-070	SPRING, HELICAL, TORSION: SEAR	1
10	PAFZZ	5315-12-156-4741	1EF82	34-260-710	PIN, SPRING: SEAR	1
11	PAFZZ	1005-01-359-8436	1EF82	34-280-324	SAFETY, SMALL ARMS	1
12	PAFZZ	1005-01-359-8427	1EF82	34-280-322	SEAR	1
13	AFFFF		19200		HAMMER ASSEMBLY.	1
14	PAFZZ	1005-01-359-8433	1EF82	34-280-325	HAMMER, FIRING	1
15	PAFZZ	5315-12-173-9826	1EF82	34-221-120	PIN, STRAIGHT, HEADLESS: HAMMER STRUT	1
16	AFFFF		19200		STRUT ASSEMBLY, HAMMER	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
17	PAFZZ	1005-01-359-9293	1EF82	34-280-328	STRUT, HAMMER	1
18	PAFZZ	5315-12-126-6718	1EF82	34-221-200	PIN, SPRING: MAIN.	1
19	PAFZZ	5360-12-173-6672	1EF82	34-225-680	SPRING, HELICAL, COMPRESSION MAIN	1
20	PAFZZ	5340-01-361-1442	1EF82	34-280-329	SEAT, HELICAL COMPRESSION: MAIN SPRING	1
21	PAFZZ	5360-12-184-0960	1EF82	34-225-390	SPRING, HELICAL, TORSION HAMMER RESET	1
22	PAFZZ	1005-12-173-8293	1EF82	34-225-190	STOP, HAMMER	1
23	PAFZZ	5315-12-169-2256	1EF82	34-225-280	PIN, STRAIGHT, HEADLESS: HAMMER STOP	1
24	PAFZZ	5315-01-361-1431	1EF82	34-280-323	PIN, STRAIGHT, HEADLESS: SEAR PIVOT	1
25	PAFZZ	5315-01-361-1430	1EF82	34-280-326	PIN, STRAIGHT, HEADLESS: HAMMER PIVOT	1
26	PAFZZ	1005-01-359-9294	1EF82	34-280-330	LEVER, DECOCKING	1
27	PAFZZ	5360-12-173-2909	1EF82	34-221-040	SPRING, HELICAL, TORSION: DECOCKING LEVER	1
28	PAOZZ	1005-01-360-3532	1EF82	34-280-332	RETAINER, MAGAZINE CATCH	1
29	PAOZZ	5360-01-383-8285	1EF82	34-225-210	SPRING, HELICAL, COMPRESSION: MAGAZINE CATCH	1
30	PAOZZ	1005-01-359-9297	1EF82	34-280-331	CATCH, MAGAZINE.	1
31	PAOZZ	5360-12-173-6684	1EF82	34-225-230	SPRING, HELICAL, COMPRESSION: MAGAZINE CATCH	1
32	PAOZZ	1005-01-359-9296	1EF82	34-280-333	DETENT, MAGAZINE CATCH	1
33	PAFZZ	5315-01-359-8293	1EF82	34-280-320	PIN, STRAIGHT, HEADLESS: TRIGGER PIVOT	1
34	PAOZZ	1005-01-359-9299	1EF82	34-280-316	LEVER, DISASSEMBLY	1
35	PAOZZ	5305-01-359-8387	1EF82	34-280-334	SCREW, MACHINE	1
36	PAOZZ	1005-01-362-3820	1EF82	34-280-107	GRIP, PISTOL: LEFT	1
37	PAOZZ	1005-01-362-3819	1EF82	34-280-102	GRIP, PISTOL: RIGHT.	1
38	XAFZZ		1EF82	34-280-337	RECEIVER, PISTOL	

END OF FIGURE

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FIELD MAINTENANCE
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5315-01-359-8291	3	1	1005-01-359-9302	5	4
5315-01-359-8292	3	2	1005-01-360-2413	4	1
5315-01-359-8293	5	33	1005-01-360-3532	5	28
1005-01-359-8310	1	3	5315-01-361-1430	5	25
5305-01-359-8387	5	35	5315-01-361-1431	5	24
1005-01-359-8425	3	5	5315-01-361-1442	5	20
1005-01-359-8426	3	7	1005-01-361-5025	5	8
1005-01-359-8427	5	12	1005-01-362-3819	5	37
1005-01-359-8428	3	8	1005-01-362-3820	5	36
1005-01-359-8429	4	3	5315-12-126-6718	5	18
1005-01-359-8430	4	3	5315-12-156-4741	5	10
1005-01-359-8431	4	2	5315-12-169-2256	5	23
1005-01-359-8432	4	2	5360-12-173-2909	5	27
1005-01-359-8433	5	14	5360-12-173-2910	5	9
1005-01-359-8434	5	5	5360-12-173-6672	5	19
1005-01-359-8435	3	4	5360-12-173-6684	5	31
1005-01-359-8436	5	11	1005-12-173-8293	5	22
1005-01-359-8437	2	2	5360-12-173-8300	3	6
1005-01-359-9293	5	17	5360-12-173-8303	3	3
1005-01-359-9294	5	26	1005-01-359-8425	3	5
1005-01-359-9295	5	7	5360-12-175-8308	2	4
1005-01-359-9296	5	32	5360-01-383-8285	5	29
1005-01-359-9297	5	30	5315-12-173-9826	5	15
1005-01-359-9298	2	3	5360-12-184-0960	5	21
1005-01-359-9299	5	34	5360-12-327-7020	5	2
1005-01-359-9300	5	1	5360-12-327-7017	5	3
1005-01-359-9301	5	6			

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FIELD MAINTENANCE

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
	1	1	34-280-304	2	2
	1	1	34-280-305	2	3
	4	2	34-280-306.01	4	1
	2	1	34-280-313	3	8
	2	1	34-280-314	3	7
	5	13	34-280-315	3	4
	5	16	34-280-316	5	3
11-760-009	4	2	34-280-317	5	1
34-221-040	5	27	34-280-318	5	6
34-221-070	5	9	34-280-319	5	5
34-221-090	5	10	34-280-320	5	33
34-221-120	5	15	34-280-321	5	4
34-221-200	5	18	34-280-322	5	12
34-221-560	3	6	34-280-323	5	24
34-221-600	3	2	34-280-324	5	11
34-221-650	3	1	34-280-325	5	14
34-225-230	5	22	34-280-325	5	14
34-225-210	5	29	34-280-326	5	25
34-225-230	5	31	34-280-327	5	8
34-225-280	5	23	34-280-328	5	17
34-225-390	5	21	34-280-329	5	20
34-225-490	2	4	34-280-330	5	26
34-225-540.08	4	3	34-280-331	5	30
34-225-590	3	3	34-280-332	5	28
34-225-680	5	19	34-280-333	5	32
34-260-110.01	5	7	34-280-334	5	35
34-260-242	5	3	34-280-337	5	38
34-260-307	5	2	34-280-338	3	5
34-280-102	5	37	P00008-8A	4	2
34-280-107	5	36	P00007-8A	4	3
34-280-222	1	3			

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CHAPTER 8
SUPPORTING INFORMATION
FOR
Pistol, Compact 9mm, M11
Pistol, Compact 9mm, M11 with Tritium Sights

FIELD MAINTENANCE
REFERENCES

Scope

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

FIELD MANUALS

AFMAN 44-163	First Aid
FM 4-25.11	First Aid

FORMS

AR Form 385-40	Accident Reporting and Records
AFTO Form 22	Technical Order System Publications Improvement Report
DA Form 2028	Recommended Changes to Publications and Blank Forms
DA Form 2404	Equipment Inspection and Maintenance Worksheet
DA Form 285	Ground Accident Form
DA Form 4379	Ammunition Malfunction Report
DA Form 5988-E	Equipment Inspection and Maintenance Worksheet-Electronic

MISCELLANEOUS PUBLICATIONS

AR 190-11	Physical Security of Arms, Ammunition and Explosives
AR 75-1	Malfunctions Involving Ammunition and Explosives
AR 750-1	Army Materiel Maintenance Policy
CTA 50-909	Field and Garrison Furnishings and Equipment
CTA 50-970	Expendable/Durable Items (Except Medical, Class V, Repair Parts, and Heraldic Items)
CTA 8-100	Army Medical Department Expendable/Durable Items
DA PAM 738-750	The Army Maintenance Management System (TAMMS) Users Manual
DD250	Material Inspection and Receiving Report
DoD 5100.76M	Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives
SF 368	Product Quality Deficiency Report
TO 00-35D-54	USAF Deficiency Reporting and Investigating System

TECHNICAL MANUALS

	Procedures for destruction of equipment in federal supply classifications 1000, 1005, 1010, 1015, 1020, 1025, 1030, 1055, 1090 and 1095 to prevent enemy use
TM 9-1005-325-10	Operator Manual
TO11W3-3-4-11	Operator Manual
SW 370-AG-OPI-010	Operator Manual

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FIELD MAINTENANCE

MAINTENANCE ALLOCATION CHART (MAC) INTRODUCTION

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 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 components 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 two sub columns, Crew (C), Maintainer (F).

Sustainment – Includes two sub columns, Below Depot (H), and Depot (D).

The maintenance to be performed at field and sustainment levels is described as follows:

1. Crew maintenance. The responsibility of a using organization to perform maintenance on its assigned equipment. It normally consists of inspecting, servicing, lubricating, adjusting, and replacing parts, minor assemblies, and subassemblies. The replace function for this level of maintenance is indicated by the letter "C" in the third position of the SMR code. A "C" appearing in the fourth position of the SMR code indicates complete repair is possible at the crew maintenance level.
2. Maintainer maintenance. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "F" appearing in the third position of the SMR code. An "F" appearing in the fourth position of the SMR code indicates complete repair is possible at the field maintenance level. Items are returned to the user after maintenance is performed at this level.
3. Below depot sustainment. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "H" appearing in the third position of the SMR code. An "H" appearing in the fourth position of the SMR code indicates complete repair is possible at the below depot sustainment maintenance level. Items are returned to the supply system after maintenance is performed at this level.
4. Depot sustainment. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "D" or "K" appearing in the third position of the SMR code. Depot sustainment maintenance can be performed by either depot personnel or contractor personnel. A "D" or "K" appearing in the fourth position of the SMR code indicates complete repair is possible at the depot sustainment maintenance level. Items are returned to the supply systems after maintenance is performed at this level. The tools and test equipment requirements table (immediately following the MAC) lists the tools and test equipment (both special tools and common tool sets) required for each maintenance function as referenced from the MAC. The remarks table (immediately following the tools and test equipment requirements) contains 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. sight, sound, feel). This includes scheduled inspection.

2. **Test.** To verify serviceability by measuring the mechanical characteristics of an item and comparing those characteristics with prescribed standards on a scheduled basis.
3. **Service.** Operations required periodically to keep an item in proper operating condition; e.g., clean, preserve.
 - 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 specified parameters.
5. **Align.** To adjust specified variable elements of an item to bring about optimum or desired performance.
6. **Calibrate.** To determine and cause corrections to be made or 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 any discrepancy in the accuracy of the instrument being compared.
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. **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 code of the Source, Maintenance and Recoverability (SMR) code.
9. **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, 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 breakdown (taking apart) of a spare/functional group coded item to the level of its least component, that is assigned an SMR code for the level of maintenance under consideration (i.e., identified as maintenance significant).

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 like new condition.
11. **Rebuild.** Consists of those services/actions necessary for the restoration of unserviceable equipment to 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 Functional Group Code (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). (For a detailed explanation of these functions refer to "Maintenance Functions" outlined above).

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 sub column. This work time figure represents the active time required to perform that maintenance function at the indicated level of maintenance. If the number or complexity of the tasks within the listed maintenance function varies at different maintenance levels, appropriate work time figures are to be shown for each level. 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:

Field:

C - Crew maintenance

F - Maintenaner maintenance

Sustainment:

H - Below Depot maintenance

D - Depot maintenance

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 alphabetic 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.

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 column (6) of the MAC.

Column (2) - Remarks. This column lists information pertinent to the maintenance function being performed as indicated in the MAC.

END OF WORK PACKAGE

**FIELD MAINTENANCE
MAINTENANCE ALLOCATION CHART (MAC)**

Table 1. MAC for M11 Pistol, Compact, 9mm.

(1) GROUP NUMBER	(2) COMPONENT/ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL				(5) TOOLS AND EQUIPMENT REF CODE	(6) REMARKS CODE						
			FIELD		SUSTAINMENT									
			CREW	MAIN- TAINER	BELOW DEPOT	DEPOT								
			C	F	H	D								
00	Pistol, Compact, 9mm, M11	Inspect		0.6			1, 2	ILLUSTRATED LIST OF MANUFACTURED ITEMS						
		Test		0.2										
		Service		0.2										
		Repair		0.6										
01	Slide and Barrel Assembly	Inspect	0.2	0.1					1, 2					
		Service	0.2	0.1										
		Repair		0.1										
		Replace		0.1										
0101	Slide Assembly	Inspect	0.2	0.1							1, 2			
		Service	0.2	0.1										
		Repair		0.2										
010101	Slide with Sights	Inspect	0.2	0.1									1, 2	
		Repair		0.1										
02	Receiver Assembly	Inspect	0.2	0.1			1, 2							
		Service	0.2	0.1										
		Repair		0.4										
0201	Hammer Assembly	Inspect		0.1					1, 2					
		Service		0.1										
		Repair		0.1										
0202	Hammer Strut Assembly	Inspect		0.1										
		Service		0.1										
		Repair		0.2										

Table 2. Tools and Test Equipment for M11 Pistol, Compact, 9mm.

TOOLS OR TEST EQUIPMENT REF CODE	MAINTENANCE LEVEL	NOMENCLATURE	NATIONAL STOCK NUMBER	TOOL NUMBER
1	O	Tool Set, Small Arms	5180-01-506-8287	GOV92608
2	F	Shop Set, Small Arms	4933-00-754-066	SC-4933-95-CL-A11

TOOLS AND TEST EQUIPMENT REQUIREMENTS – (CONTINUED)**Table 3. REMARKS CODE**

REMARKS CODE	REMARKS
	Not Applicable.

END OF WORK PACKAGE

**FIELD MAINTENANCE
EXPENDABLE AND DURABLE ITEMS LIST**

Scope

This work package lists expendable and durable items that you will need to operate and maintain the M11. 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); CTA 50-909, Field and Garrison Furnishings and Equipment; or CTA 8-100, Army Medical Department Expendable/Durable Items.

Explanation of Columns in the Expendable/Durable Items List

Column (1) - Item No. This number is assigned to the entry in the list and is referenced in the narrative instructions to identify the item (e.g., Use cleaning solvent (Item 13, WP 0022)).

Column (2) Level. This column identifies the lowest level of maintenance that requires the listed item C = Crew, O = AMC.

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, 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) - U/I. Unit of Issue (U/I) 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	(4) ITEM NAME, DESCRIPTION, CAGEC, AND PART NUMBER	(5) U/I
1	O	8020-00-244-0153	BRUSH, ARTIST'S: Metal ferrule, fat, chisel edge, 7/16 inch with, 1-1/8 inch l exposed bristle (81348) H-B-241	EA
2	C	1005-00-494-6602	BRUSH, CLEANING, SMALL ARMS: Toothbrush (19204) 8448462	EA
3	C	1005-00-716-2132	BRUSH, CLEANING, SMALL (Bore Brush) (19205) 7162132	EA
4	O	9150-01-054-6453	CLEANER, LUBRICANT AND PRESERVATIVE: GRADE 2 (CLP) 1-pint bottle (81349) MIL-PRF-63460	PT
		9150-01-102-1473	1/2 o/z bottle	OZ
		9150-01-079-6124	4 oz bottle	OZ
5	C	9920-00-292-9946	CLEANER, TOBACCO PIPE: Cotton tuft, wire core, 32 per pk (89855) DILLS PIPE CLEANER	EA
6	O	6850-00-224-6657	CLEANING COMPOUND, SOLVENT: RIFLE BORE CLEANER (RBC) 8 OZ. MILC372 (81349) MIL-PRF-372,	OZ

EXPENDABLE AND DURABLE ITEMS LIST – (CONTINUED)

(1) ITEM NUMBER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) ITEM NAME, DESCRIPTION, CAGEC, AND PART NUMBER	(5) U/I
		6850-00-224-6663	1-GAL. CAN	GL
7	O	5350-00-221-0872	CLOTH, ABRASIVE, CROCUS 50-sheet package (58536) A-A-1206	SH
8	O	8415-00-823-7455	GLOVES, CHEMICAL AND OIL PROTECTIVE Size 9 (81348) ZZ-G-381	PR
		8415-00-823-7456	Size 10	
		8415-00-823-7457	Size 11	
9	O	9150-00-126-2534	LUBRICANT, SOLID FILM (81349) MIL-L-23398	
10	O	9150-00-292-9689	LUBRICATING OIL, WEAPONS (LAW) 1-qt can (81349) MIL-PRF-14107	QT
11	O	9150-00-935-6597	LUBRICATING OIL, WEAPONS SEMI-FLUID (LSA) 2-oz bottle (81349) MIL-L-46000	OZ
		9150-00-889-3522	4-oz bottle	OZ
		9150-00-687-4241	1 qt can	QT
		9150-00-753-4686	1 gal can	GL
12	C	1005-00-556-4102	ROD, CLEANING, M4 (19204) 5564102	EA
13	C	7920-00-205-1711	RAG, WIPING 50-lb bag 58536 A-A-531	LB
14	O	6850-01-474-2302	CLEANING SOLVENT (SD) 1-gal. can 81349 MIL-PRF-680	GL
15	C	1005-00-288-3565	SWAB, SMALL ARMS PK 1000 per package 19204 5019316	EA

END OF WORK PACKAGE

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Tools and Test Equipment	WP 0021-1
Troubleshooting	WP 0005-1

W

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TO (Forward to proponent of publication or form) (Include ZIP Code) U.S. Army TACOM Life Cycle Management Command ATTN: AMSTA-LCL- MPP/TECH PUBS 6501 E. 11 Mile Road, Warren, MI 48390						FROM (Activity and location) (Include ZIP Code) Your mailing address		
PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS								
PUBLICATION/FORM NUMBER TM 9-1005-325-23&P						DATE 16 January 2012	TITLE Pistol, Compact 9mm, M11 NSN 1005-01-336-8265 Pistol, Compact 9mm, M11 With Tritium Sights NSN 1005-01-340-0096	
ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON (Exact wording of recommended change must be given)		
1	0025-3			1		The part number for M4 mounting adapter assembly, P/N 13019498, is incorrect. <div style="text-align: center; font-size: 48px; transform: rotate(-15deg); opacity: 0.5;"> SAMPLE </div>		
TYPED NAME, GRADE OR TITLE John Doe, CPL						TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION XXX-XXX-XXXX		SIGNATURE Your Signature

TO (Forward direct to addressee listed in publication) U.S. Army TACOM Life Cycle Management Command ATTN: AMSTA-LCL-MPP/TECH PUBS 6501 E. 11 Mile Road, Warren, MI 48397-5000	FROM (Activity and location) (Include ZIP Code) <i>Your Address</i>	DATE 16 June 2011
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PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/ SUPPLY MANUALS

PUBLICATION NUMBER <i>TM 9 -1005 -325 -23&P</i>	DATE 16 January 2012	TITLE <i>Pistol, Compact 9mm, M11 NSN 1005-01-336-8265 Pistol, Compact 9mm, M11 With Tritium Sights NSN 1005-01-340-0096</i>
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PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION
0025-3	3	1	502-04-568-4853		1	1		The part number for M4 mounting adapter assembly, P/N 13019498, is incorrect.

SAMPLE

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 <i>John Doe, CPL</i>	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION <i>XXX -XXX -XXXX</i>	SIGNATURE <i>Your Signature</i>
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By Order of the Secretary of the Army:

RAY MOND T. ODIERNO
General, United States Army
Chief of Staff

Official:

A handwritten signature in black ink that reads "Joyce E. Morrow". The signature is written in a cursive, flowing style.

JOYCE E. MORROW
Administrative Assistant to the
Secretary of the Army
1134702

By Order of the Secretary of the Air Force:

Norton A. Swartz
General, United States Air Force
Chief of Staff

Donald J. Ho man
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

Distribution: To be distributed in accordance with the Initial Distribution Number (IDN) 401056, requirements for TM 9-1005-325-23&P.

THE METRIC SYSTEM AND EQUIVALENTS

LINEAR MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meter = 0.3937 Inch
 1 Decimeter = 10 Centimeters = 3.94 Inches
 1 Meter = 10 Decimeters = 100 Centimeters
 = 1000 Millimeters = 39.37 Inches
 1 Dekameter = 10 Meters = 32.8 Feet
 1 Hectometer = 10 Dekameters = 328.08 Feet
 1 Kilometer = 10 Hectometers = 1000 Meters
 = 0.621 Mile = 3,280.8 Feet
 Millimeters = Inches times 25.4
 Inches = Millimeters divided by 25.4

WEIGHTS

1 Centigram = 10 Milligrams = 0.154 Grain
 1 Decigram = 10 Centigrams = 1.543 Grains
 1 Gram = 0.001 Kilogram = 10 Decigrams
 = 1000 Milligrams = 0.035 Ounce
 1 Dekagram = 10 Grams = 0.353 Ounce
 1 Hectogram = 10 Dekagrams = 3.527 Ounces
 1 Kilogram = 10 Hectograms = 1000 Grams
 = 2.205 Pounds
 1 Quintal = 100 Kilograms = 220.46 Pounds
 1 Metric Ton = 10 Quintals = 1000 Kilograms
 = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liter = 0.034 Fluid Ounce
 1 Centiliter = 10 Milliliters = 0.34 Fluid Ounce
 1 Deciliter = 10 Centiliters = 3.38 Fluid Ounces
 1 Liter = 10 Deciliters = 1000 Milliliters
 = 33.82 Fluid Ounces
 1 Dekaliter = 10 Liters = 2.64 Gallons
 1 Hectoliter = 10 Dekaliters = 26.42 Gallons
 1 Kiloliter = 10 Hectoliters = 264.18 Gallons

SQUARE MEASURE

1 Sq Centimeter = 100 Sq Millimeters = 0.155 Sq Inch
 1 Sq Decimeter = 100 Sq Centimeters = 15.5 Sq Inches
 1 Sq Meter (Centare) = 10 Sq Decimeters
 = 10,000 Sq Centimeters = 10.764 Sq Feet
 1 Sq Dekameter (Are) = 100 Sq Meters = 1,076.4 Sq Feet
 1 Sq Hectometer (Hectare) = 100 Sq Dekameters
 = 2.471 Acres
 1 Sq Kilometer = 100 Sq Hectometers
 = 1,000,000 Sq Meters = 0.386 Sq Mile

CUBIC MEASURE

1 Cu Centimeter = 1000 Cu Millimeters = 0.061 Cu Inch
 1 Cu Decimeter = 1000 Cu Centimeters = 61.02 Cu Inches
 1 Cu Meter = 1000 Cu Decimeters
 = 1,000,000 Cu Centimeters = 35.31 Cu Feet

TEMPERATURE

$5/9 (°F - 32°) = °C$
 $(9/5 x °C) + 32° = °F$
 -35° Fahrenheit is equivalent to -37° Celsius
 0° Fahrenheit is equivalent to -18° Celsius
 32° Fahrenheit is equivalent to 0° Celsius
 90° Fahrenheit is equivalent to 32.2° Celsius
 100° Fahrenheit is equivalent to 38° Celsius
 212° Fahrenheit is equivalent to 100° Celsius

APPROXIMATE CONVERSION FACTORS

<u>TO CHANGE</u>	<u>TO</u>	<u>MULTIPLY BY</u>	<u>TO CHANGE</u>	<u>TO</u>	<u>MULTIPLY BY</u>
Inches	Centimeters.....	2.540	Centimeters.....	Inches.....	0.394
Feet.....	Meters.....	0.305	Meters.....	Feet.....	3.280
Yards	Meters.....	0.914	Meters.....	Yards.....	1.094
Miles.....	Kilometers.....	1.609	Kilometers.....	Miles.....	0.621
Square Inches	Square Centimeters.....	6.451	Square Centimeters ...	Square Inches.....	0.155
Square Feet.....	Square Meters.....	0.093	Square Meters.....	Square Feet.....	10.764
Square Yards.....	Square Meters.....	0.836	Square Meters.....	Square Yards.....	1.196
Square Miles	Square Kilometers.....	2.590	Square Kilometers.....	Square Miles.....	0.386
Acres.....	Square Hectometers.....	0.405	Square Hectometers....	Acres.....	2.471
Cubic Feet	Cubic Meters.....	0.028	Cubic Meters.....	Cubic Feet.....	35.315
Cubic Yards.....	Cubic Meters.....	0.765	Cubic Meters.....	Cubic Yards.....	1.308
Fluid Ounces.....	Milliliters.....	29.573	Milliliters.....	Fluid Ounces.....	0.034
Pints.....	Liters.....	0.473	Liters.....	Pints.....	2.113
Quarts.....	Liters.....	0.946	Liters.....	Quarts.....	1.057
Gallons.....	Liters.....	3.785	Liters.....	Gallons.....	0.264
Ounces.....	Grams.....	28.349	Grams.....	Ounces.....	0.035
Pounds.....	Kilograms.....	0.454	Kilograms.....	Pounds.....	2.205
Short Tons.....	Metric Tons.....	0.907	Metric Tons.....	Short Tons.....	1.102
Pound-Feet.....	Newton-Meters.....	1.356	Newton-Meters.....	Pound-Feet.....	0.738
Pounds-Inches.....	Newton-Meters.....	0.11375	Kilopascals.....	Pounds per Square Inch....	0.145
Pounds per Square Inch..	Kilopascals.....	6.895	Kilometers per Liter ...	Miles per Gallon.....	2.354
Ounce-Inches.....	Newton-Meters.....	0.007062	Kilometers per Hour ...	Miles per Hour.....	0.621
Miles per Gallon.....	Kilometers per Liter.....	0.425	°Fahrenheit.....	°Celsius.....	$°C = (°F-32) \times 5/9$
Miles per Hour.....	Kilometers per Hour.....	1.609	°Celsius.....	°Fahrenheit.....	$°F = (9/5 \times °C) + 32$

