TM 9-1005-211-12

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR AND ORGANIZATIONAL
MAINTENANCE MANUAL
INCLUDING BASIC ISSUE
ITEMS LIST AND
REPAIR PARTS AND SPECIAL
TOOLS LIST

PISTOL, CALIBER .45, AUTOMATIC, M1911A1, WITH HOLSTER, HIP (1005-673-7965) AND PISTOL, CALIBER .45, AUTOMATIC, M1911A1, WITH HOLSTER, SHOULDER (1005-561-2003)

HEADQUARTERS, DEPARTMENT OF THE ARMY

SEPTEMBER 1968

WARNING

Care must be exercised to either have the pistol raised or pointed down range when loading.

Before firing, the firer must be sure that the bore of the pistol is free from any foreign matter. Firing a pistol with any obstruction in the bore will result in damage to the weapon and possible injury to personnel.

Before starting an inspection, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Remove magazine, inspect the chamber to insure that it is empty and check to see that no ammunition is in position to be introduced.

Avoid skin contact with P-C-111. The compound should be washed off thoroughly with running water if it comes in contact with the skin. A good lanolin base cream, after exposure to the compound, is helpful. The use of rubber gloves and protective equipment is recommended.

Clear the weapon of all ammunition before starting an inspection. Remove the magazine and check the chamber to insure it is empty. Do NOT actuate the trigger until the weapon has been cleared.

CHANGE
No. 1

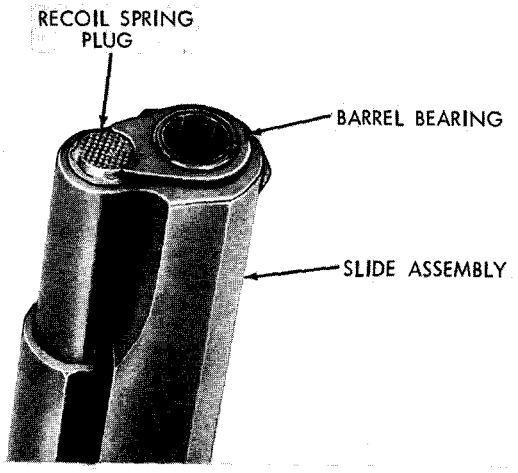
HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., *24 June 1969*

Operator and Organizational Maintenance Manual
Including Basic Issue Items List and
Repair Parts and Special Tools List

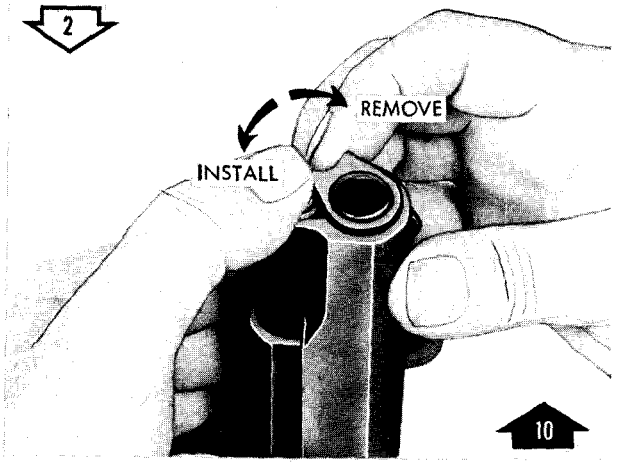
PISTOL, CALIBER .45, AUTOMATIC, M1911A1,
WITH HOLSTER, HIP (1005-673-7965)
AND PISTOL, CALIBER 45, AUTOMATIC, M1911A1,
WITH HOLSTER, SHOULDER (1005-561-2003)

TM 9-1005-211-12, 16 September 1968, is changed as follows:

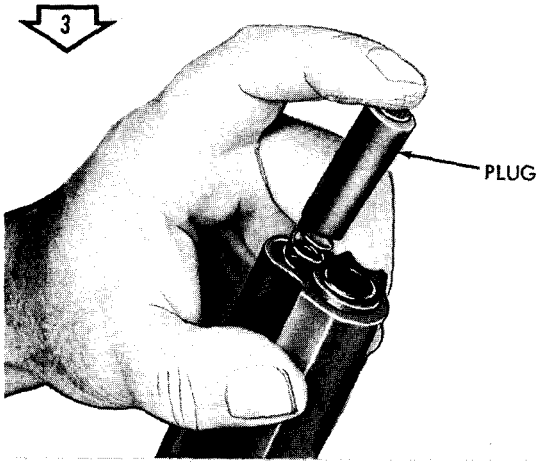
Page 3-6. Figure 3-7, is superseded as follows:

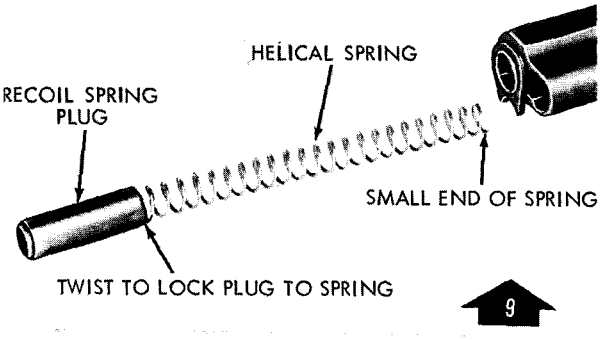


VIEWING MUZZLE END OF PISTOL.

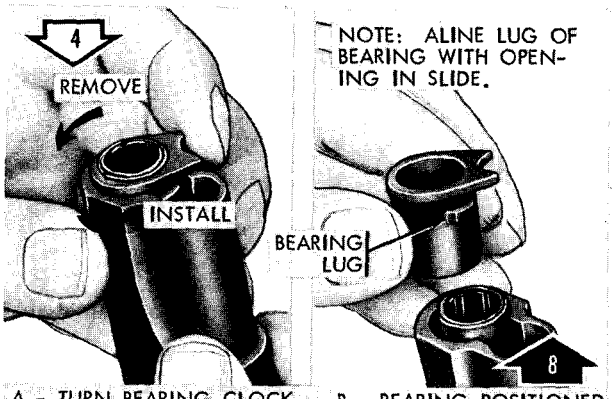


COMPRESS RECOIL SPRING PLUG AND ROTATE BARREL BEARING.





REMOVE/INSTALL RECOIL SPRING PLUG AND SPRING.



A - TURN BEARING CLOCKWISE TO REMOVE, COUNTERCLOCKWISE TO INSTALL.

B - BEARING POSITIONED FOR INSTALLATION/REMOVAL.

REMOVE/INSTALL BARREL BEARING.

COCK HAMMER FOR REMOVING/INSTALLING SLIDE GROUP.

WE 17139A

Figure 3-7 Operator's disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1. (2 of 3)

Table 3–5 — Inspection and Repair Procedures

Component Part or Assembly	Inspection	Repair	Reference
Page 3–15.			
Pistol	Overall condition: (Added) The ejector will be examined for burs and cracking. Looseness is of no concern as long as the ejector retaining pin is not missing or the ejector will not lift out of the receiver after removal of the slide. Nicks, scratches, and burs. * * * * * * * * * * *		
Slide Group	(Superseded) Recoil spring must have a free overall length of not less than 6 inches or more than 6⅛ inches. The pistol will not be considered unserviceable due to the absence of the detent on the recoil spring plug as long as the pistol is otherwise serviceable. *Note.* (Added) Care must be exercised to preclude forceful ejection of the recoil spring and/or plug as the barrel bushing is turned during disassembly. Spring will not exhibit weakness, distortion or kinks. There will be no flat surfaces on the coil contour. Uniform diameter of all coils is permissible. A "flat" appearance on either end of the half-coil is not required.		
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By Order of the Secretary of the Army:

W. C. WESTMORELAND,
General, United States Army,
Chief of Staff.

Official:

KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General.

Distribution:

To be distributed in accordance with DA Form 12–40 (qty rqr Block #116), Organizational maintenance requirements for Pistol, Cal. .45, Automatic M1911A1.

☆U.S. GOVERNMENT PRINTING OFFICE: 1969-342-018/3399

CHANGE
No. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., *24 June 1969*

Operator and Organizational Maintenance Manual
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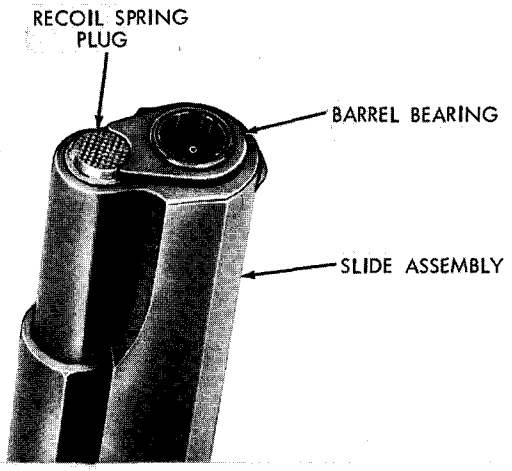

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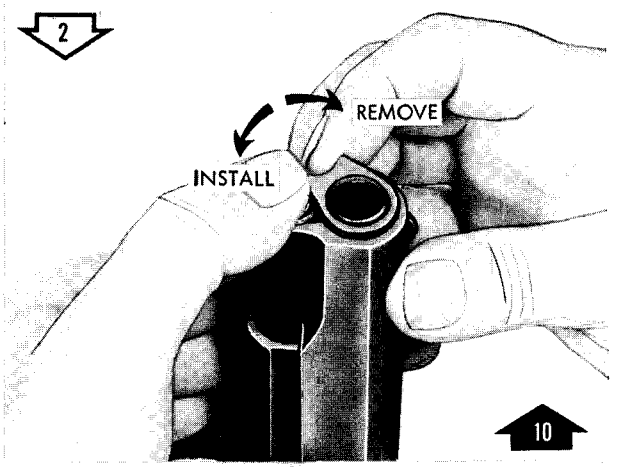

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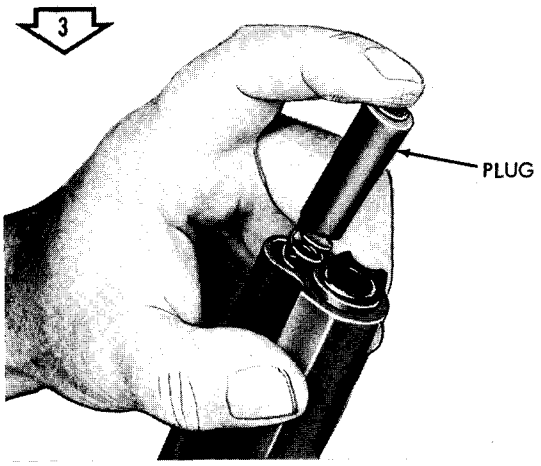

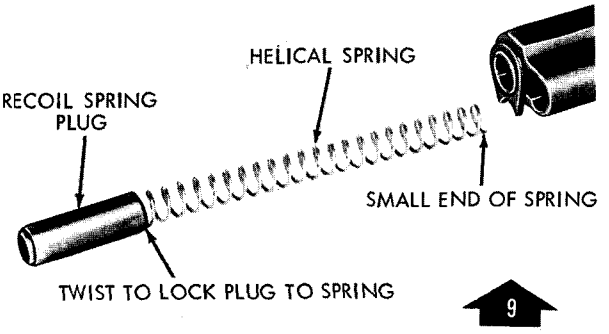

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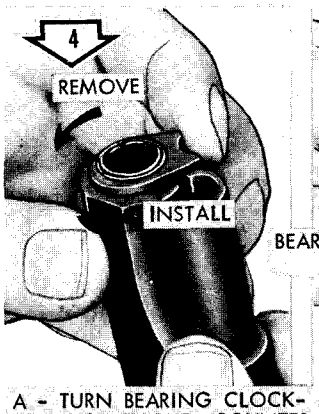

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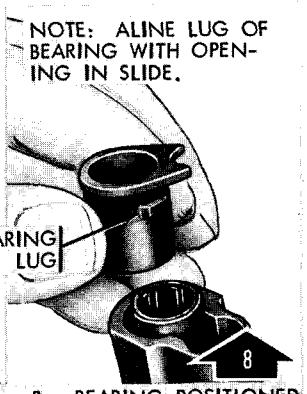

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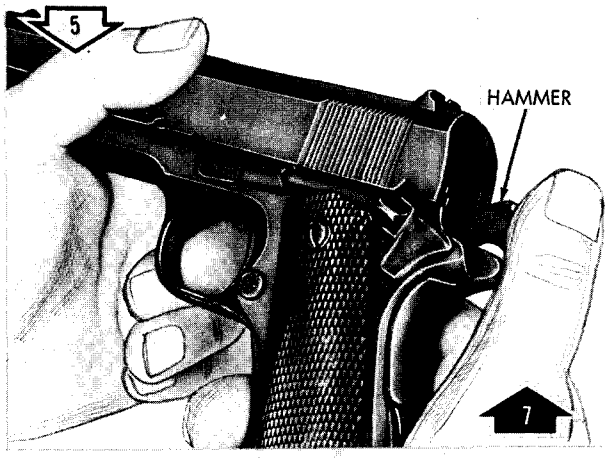
REMOVE/INSTALL BARREL BEARING.



COCK HAMMER FOR REMOVING/INSTALLING SLIDE GROUP.

WE 17139A

Figure 3–7 Operator's disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1. (2 of 3)

Table 3–5 — Inspection and Repair Procedures

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Technical Manual
No. 9-1005-211-12

HEADQUARTERS,
DEPARTMENT OF THE ARMY
Washington, D.C., *16 September 1968*

OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL INCLUDING BASIC ISSUE ITEMS LIST AND REPAIR PARTS AND SPECIAL TOOLS LIST

PISTOL, CALIBER .45, AUTOMATIC, M1911A1, WITH HOLSTER, HIP (1005-673-7965) AND PISTOL, CALIBER .45, AUTOMATIC, M1911A1, WITH HOLSTER, SHOULDER (1005-561-2003)

This manual is current as of 6 February 1968.

*This manual supersedes TM 9-1005-211-12P/2, 29 April 1964

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual contains instructions for the operator and organizational maintenance personnel of the Caliber .45 Automatic Pistol M1911A1 as allocated by the Maintenance Allocation Chart.

1-2. Forms and Records

a. General. DA Forms and procedures used for equipment maintenance will be only those prescribed in TM 38-750, Army Equipment Record Procedures.

b. Recommendations for Equipment Publication Improvements. Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to DA Publications) and forwarded direct to the Commanding General, U.S. Army Weapons Command, ATTN: AMSWE-SMM-P, Rock Island, Illinois 61201.

Section II. DESCRIPTION AND DATA

1-3. General

The Caliber .45 Automatic Pistol M1911A1 (figs 1-1 and 1-2) is a recoil operated hand weapon. It is fed from a seven round magazine and is a semiautomatic weapon, firing one round each time the trigger is squeezed. The weapon can be carried in either a hip or shoulder holster. The pistol can be broken down into two major groups (fig. 1-3).

Figure 1-1. *Caliber* .45 *Automatic Pistol, M*1911*A*1 *—right front view.*

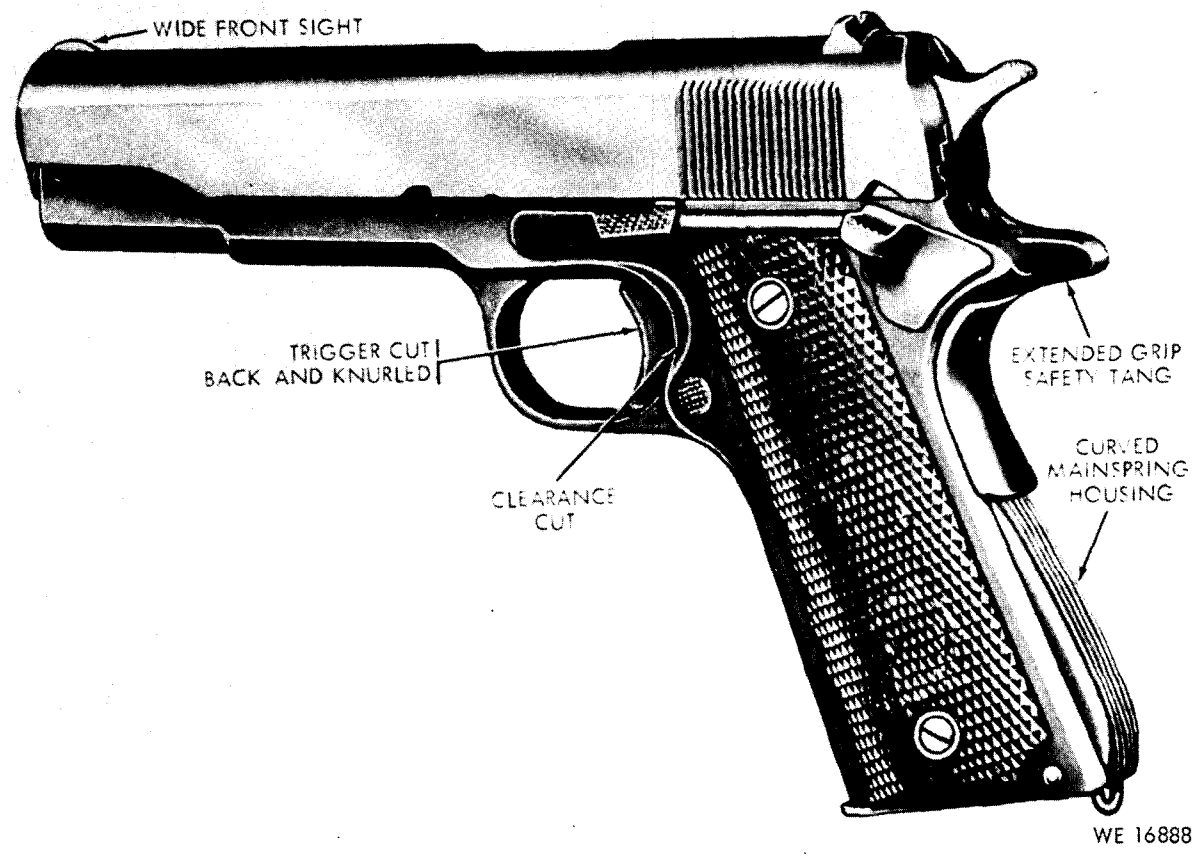


Figure **1-2.** ***Caliber .45 Automatic Pistol, M1911A1****—left rear view.*

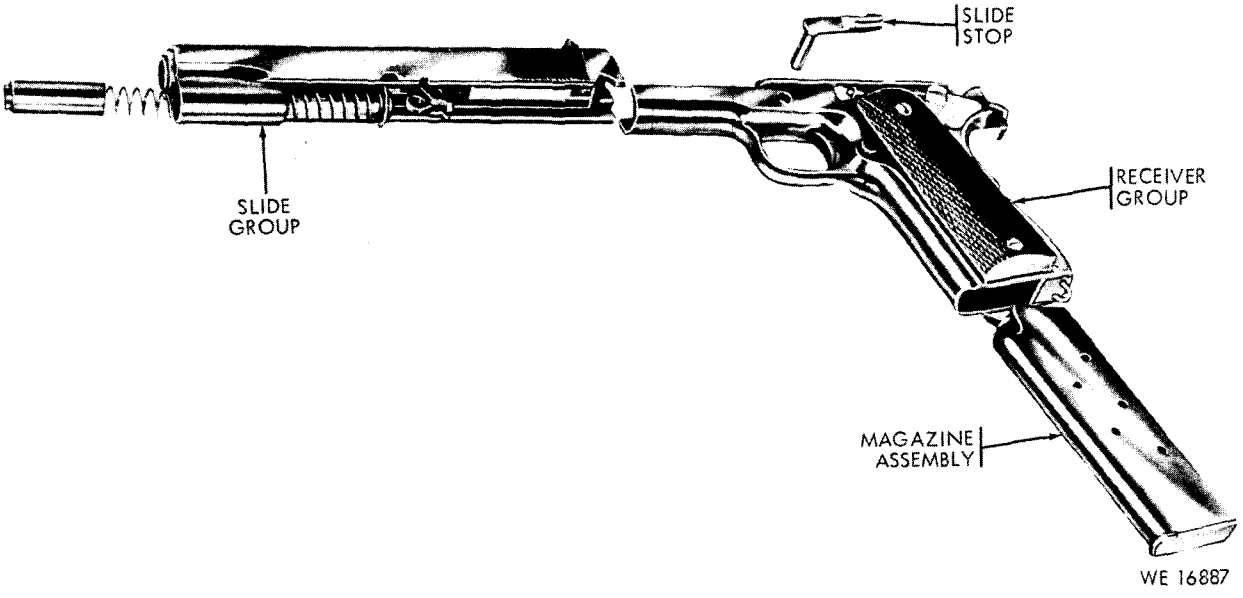


Figure **1-3.** ***Caliber .45 Automatic Pistol, M1911A1****—major groups and assemblies.*

1-4. Tabulated Data

Length	8-5/8 in.
Weight:	
Empty magazine	2.5 lb (approx)
Loaded magazine	3.0 lb (approx)
Height of front sight above axis of bore	0.5597 in.
Sight radius	6.481 in.
Muzzle velocity (max)	830 fps
Maximum range	1500 meters
Maximum effective range	50 meters
Trigger pull	5 to 6-1/2 lb
Diameter of bore (caliber)	0.45 in.
Number of lands and grooves	6
Rifling, left hand, one turn in	16 in.
Length of barrel	5.03 in.
Length of rifling	4.118 in. (min)
Depth of grooves	0.003 in.
Cooling system	air

CHAPTER 2

OPERATING INSTRUCTIONS

Section I. SERVICE UPON RECEIPT OF MATERIEL

2-1. General

Refer to table 2-1.

Table 2-1. Service Upon Receipt of Materiel

Step	Action	Reference
1	Remove pistol and items from container.	
2	Remove VCI packaging.	
3	Check for missing items. *Note.* Items must agree with Basic Issue Items List.	App B
4	Field strip weapon and inspect for: Missing parts Proper assembly	Par. 3-9
5	Clean and lubricate (if necessary).	Par. 3-3, 3-4, and 3-10a
6	Assemble.	Par. 3-9
7	Hand function.	

Section II. OPERATION UNDER USUAL CONDITIONS

2-2. General

Care and cleaning of the pistol includes daily preventive maintenance, which is the ordinary care of the pistol required to preserve its condition and appearance when no firing is done. Before-firing cleaning insures that the pistol is safe to fire and is properly lubricated for efficient operation, and after-firing maintenance insures that all corrosion-inducing agents are completely removed. For cleaning procedures refer to paragraph 3-10a. For lubrication procedures refer to paragraphs 3-3 and 3-4. The operator must be thoroughly familiar with all safety features of the pistol. For safety tests, refer to table 3-2.

2-3. Loading, Firing, and Unloading

a. Loading.

Warning. **Care must be exercised to either have the pistol raised or pointed down range when loading.**

Warning. The firer must be sure that the bore of the pistol is free from any foreign matter. Firing a pistol with any obstruction in the bore will result in damage to the weapon and possible injury to personnel.

Draw pistol from holster, insert magazine, pull slide to the rear and release, putting a round in the chamber, press the safety lock (small arms safety) up into the SAFE position.

b. Firing.

To fire the pistol, press the safety lock (small arms safety) down to the FIRE position to prevent disturbing the firing grip of the right hand. Obtain the correct sight alinement and sight picture and squeeze the trigger. To fire successive shots, the trigger must be released and squeezed again. When the last cartridge from the magazine has been fired, the slide remains to the rear.

c. Unloading. To unload press the magazine catch and remove the magazine. If the slide is in the forward position, pull the slide to the rear and push the slide stop up. Inspect the chamber to insure that the pistol is clear. Press the slide stop down, allowing the slide to go forward. Pull trigger while weapon is in safe position.

2-4. Firing Malfunctions and Stoppages

a. Malfunctions. A malfunction is a failure of the weapon to function properly. Malfunctions are classified as defects in the weapon that normally do not cause a break in the cycle of operation.

b. Stoppages. A stoppage is an unintentional interruption in the cycle of operation. A stoppage occurs when the pistol does not fire through no fault of the firer.

c. Immediate Action in Case of Firing Malfunctions.

(1) Immediate action is the prompt action taken by the firer to reduce a stoppage. The procedure for applying immediate action should become instinctive to the operator of the pistol. If a stoppage occurs, immediate action is applied automatically in an effort to reduce the stoppage without attempting to discover the cause at that time.

(2) In the event the slide is fully forward, the hammer falls, and the pistol fails to fire, apply immediate action as follows:

(a) Manually cock the hammer without opening the chamber and make one additional attempt to fire. If the pistol still fails to fire, wait 10 seconds, and then raise the pistol. Grasp the slide with the thumb and first finger of the non-firing hand, keeping the thumb on the right side of the slide. Pull the slide rearward rapidly, to its full extent. Rotate the pistol to the right allowing the unfired round to drop out, release the slide and allow it to return to the forward position, chambering a new cartridge.

Caution. **Keep the weapon pointed down range during this operation.**

(b) Aim and attempt to fire.

(3) In the event the slide is not fully forward, remove the trigger finger from the trigger guard and with the non-firing hand attempt to push the slide fully forward. If the slide will not move forward, proceed as follows:

(a) Bring the weapon to a safe position.

(b) Remove the magazine.

(c) Grasp the slide with the left hand, pull the slide to the rear, and lock it with the slide stop.

(d) Inspect the chamber. Remove any obstructions.

(e) Insert another loaded magazine into the pistol

(f) Release the slide.

(g) Aim and attempt to fire.

(4) If the weapon does not fire after the application of immediate action as outlined above, a detailed inspection should be made to determine the cause of the stoppage.

Section III. OPERATION UNDER UNUSUAL CONDITIONS

2-5. General

In addition to the normal operation of the pistol, special care in cleaning and lubrication must be observed where extremes of temperature, humidity, and atmospheric conditions exist or are anticipated. Proper cleaning, lubrication, storage, and handling of lubricants not only insure operation of the weapon, but also guard against wear of the working parts and deterioration of the material.

2-6. Operation in Extreme Cold

a. In temperatures below freezing, it is necessary that the moving parts of the weapon be kept free from moisture. Excess oil on working parts will solidify and cause sluggish operation or complete failure.

b. Before cleaning, allow the weapon to attain room temperature. Perform detailed disassembly (par 3-9) and complete cleaning (par 3-10a) before use in temperatures below 0°F. Working surfaces that show signs of wear may be lubricated by rubbing lightly with a rag that has been wet with weapons lubricating oil (LAW).

2-7. Operation in Extreme Heat

a. In tropical climates where temperature and humidity are high, or where salt air is present, and during rainy seasons the weapon should be disassembled, inspected, all parts wiped dry, and lightly oiled daily.

b. In hot, dry climates where sand and dust may get into the weapon, daily disassembly, inspection and cleaning should be accomplished. After cleaning, the pistol should be wiped dry and no lubricants applied.

CHAPTER 3

OPERATOR AND ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

Section I. OPERATORS TOOLS AND EQUIPMENT

3-1. General

For operators tools and equipment, refer to appendix B.

Section II. ORGANIZATIONAL MAINTENANCE REPAIR PARTS

3-2. General

For the listing of organizational maintenance authorized repair parts refer to appendix B.

Section III. LUBRICATION INSTRUCTIONS

3-3. General Lubrication Instructions

a. Use lubricating oil, general purpose (PL special) for lubrication above 0°F, and weapons lubricating oil (LAW) for lubrication below 0°F on all parts of the weapon. Prior to firing all interior parts must have a light coat of oil, *except* the bore which must be wiped dry of any lubrication, and other interior parts that come into contact with ammunition.

b. Refer to table 3-1 for listing of lubrication and cleaning materials and stock numbers for requisitioning purposes.

Table 3-1. Lubrication and Cleaning Materials

Federal stock number	Description
6850-224-6656	CLEANING COMPOUND, RIFLE BORE: (CR) (2 oz can)
6850-224-6657	CLEANING COMPOUND, RIFLE BORE: (CR) (6 oz can)
6850-281-1985	DRY CLEANING SOLVENT: (SD) (1 gal can)
6850-965-2332	CARBON REMOVING COMPOUND: (P-C-111) (5 gal pail)
7920-205-1711	RAG, WIPING: cotton (50 lb bale)
9150-273-2389	LUBRICATING OIL, GENERAL PURPOSE: (PL special) (4 oz can)
9150-292-9689	LUBRICATING OIL, WEAPONS: (LAW) for below zero operations (1 qt can)

3-4. Specific Lubrication Instructions

The following areas must be well lubricated prior to firing the weapon:

Guide rails of the receiver

Grooves on the slide

Caution. **Prior to loading the weapon, attention should be directed to wiping all visible oil from the pistol grip areas. Excessive oil could cause loss of control during firing.**

Section IV. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

3-5. Preventive Maintenance Performed by the Operator

a. The pistol should be inspected (par 3-10b) each day and cleaned (par 3-10a), if necessary.

b. Refer to table 3-2 for specific preventive maintenance checks and services to be performed by the operator.

Table 3-2. Preventive Maintenance Checks and Services

Item to be inspected	Procedure	Reference
Pistol and Holster	General appearance and proper functioning of component parts. *Warning.* **Before starting an inspection, be sure to clear the weapon. Do not actuate the trigger until the weapon has been cleared. Remove magazine, inspect the chamber to insure that it is empty and check to see that no ammunition is in position to be introduced.**	
Safety tests	*Safety Lock Test.* With the pistol unloaded cock the hammer and press the safety upward into the safe (locked) position. Grasp the grip so the grip safety is depressed and squeeze the trigger tightly 3 or 4 times. If the hammer falls, return pistol to organizational maintenance.	Fig 3-1
	Grip Safety Test. With the pistol unloaded, cock the hammer, and without depressing the grip safety, point the pistol downward and squeeze the trigger 3 or 4 times. If the hammer falls because the grip safety is depressed by its own weight return the pistol to organizational maintenance.	Fig 3-2
	Half-Cock Position Test. With the pistol unloaded, draw back the hammer until the sear engages the half-cock position notch, then squeeze the trigger. If the hammer falls, return the pistol to organizational maintenance. Draw the hammer back nearly to full cock position, do not squeeze trigger, and then let thumb slip off hammer. The hammer should fall only to the half-cock notch.	Fig 3-3 and 2-8
	Disconnector Test. 1. With the pistol unloaded, cock the hammer, push the slide group 1-1/4 inch to the rear and hold in that position while squeezing trigger. Let slide group go forward, maintaining pressure on trigger. If the hammer falls, return pistol to organizational maintenance. 2. Pull the slide group rearward until slide stop is engaged. Squeeze trigger and release slide group simultaneously. The hammer should not fall, if it does, return pistol to organizational maintenance. 3. Release the pressure on the trigger and then squeeze it. The hammer should then fall, if it does not fall return pistol to organizational maintenance. Also, check for a faulty disconnector which would prevent the hammer from falling. The disconnector should prevent the release of the hammer unless the slide group is in a forward position and locked into battery. *Note.* This also prevents the firing of more than one shot with each squeeze of the trigger	Fig 3-5

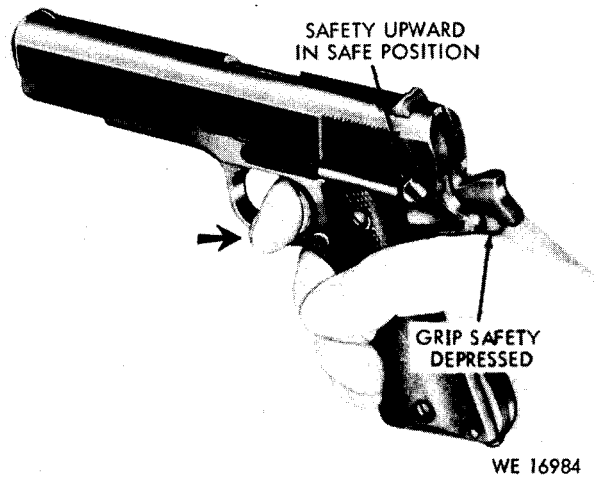


Figure 3-1. Safety lock test.

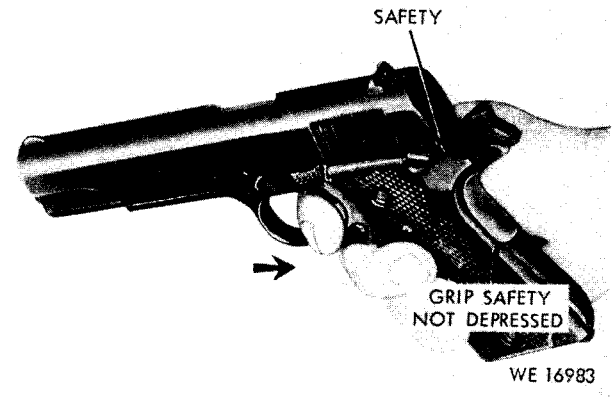


Figure 3-2. Grip safety test.

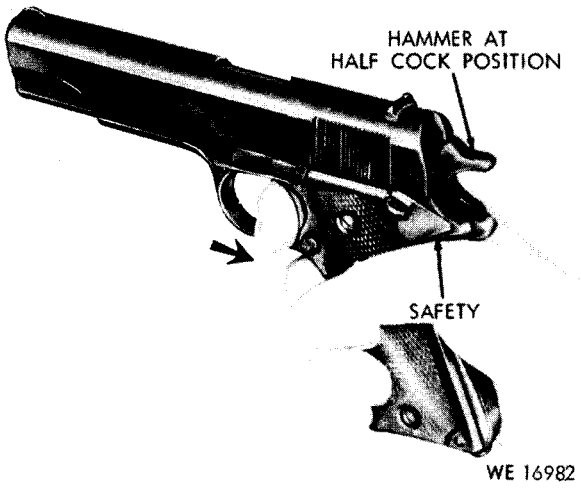


Figure 3-3. Half-cock position test. (1 of 2)

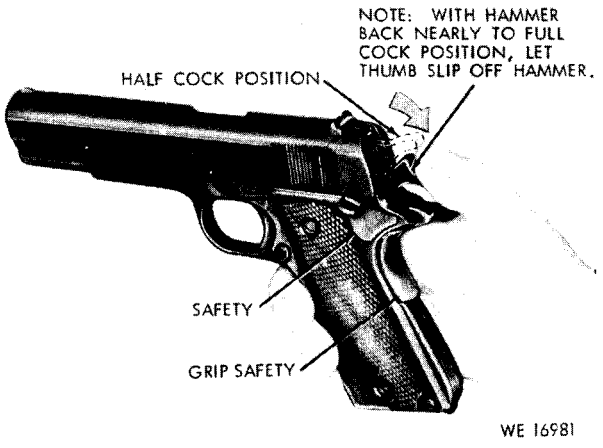
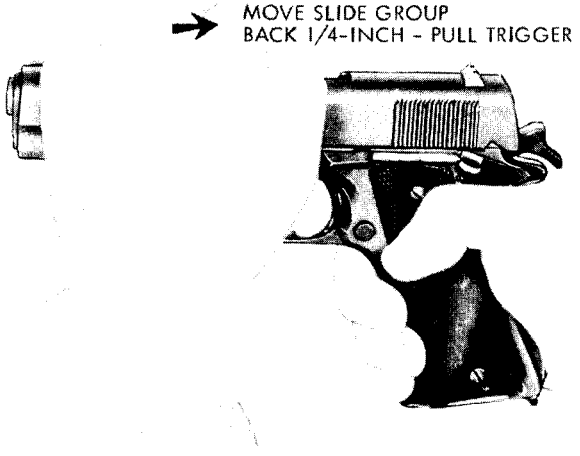
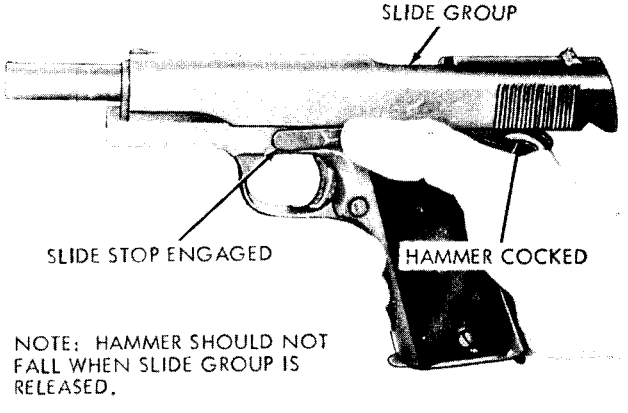


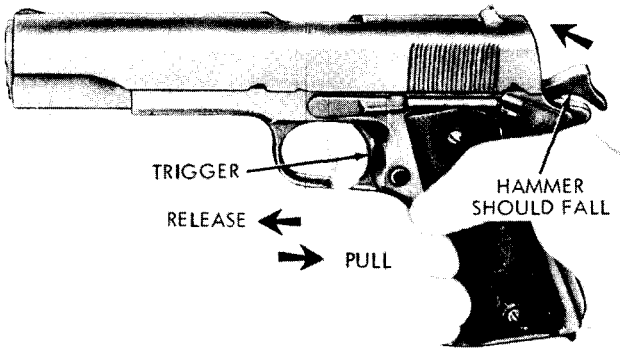
Figure 3-4. Half-cock position test. (2 of 2)



POSITIONING SLIDE GROUP TO DETERMINE IF DISCONNECTOR IS WORN.



SLIDE GROUP IN REARWARD POSITION, PREPARING TO RELEASE SLIDE STOP.



SLIDE GROUP IN FORWARD POSITION PRIOR TO TESTING HAMMER.

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Fgiure 3-5. Disconnector test.

3-6. Preventive Maintenance Performed by Organizational Maintenance Personnel

For preventive maintenance checks and services to be performed by organizational maintenance personnel refer to table 3-2. These should be performed weekly. During periods of inactivity perform preventive maintenance, every 90 days, unless inspection reveals more frequent servicing is necessary.

Section V. TROUBLESHOOTING

3-7. Troubleshooting by the Operator

a. Refer to table 3-3.

b. Return pistol to organizational maintenance for corrective action not authorized to the operator.

Table 3-3. Troubleshooting by the Operator

Malfunction	Probable cause	Corrective action
Failure to feed	The top cartridge in the magazine is not properly positioned.	Reload magazine.
	Dirty or rusty magazine.	Clean and lubricate.
	Improper assembly of magazine.	Reassemble, fig 3-9.
	Broken, damaged or bent parts.	Replace magazine assy, 1, fig B-1.
Failure to chamber	Obstruction or dirty chamber.	Clean chamber.
	Weak recoil spring.	Par 3-7b.
Failure to lock	The barrel locking ribs do not interlock with the locking recesses in the slide.	
	Lack of lubrication of operating parts.	Lubricate, par 3-3 and 3-4.
	Dirty or burred barrel locking ribs or locking recesses.	Clean, par 3-7b.
	Weak recoil spring.	Par 3-7b.
	Broken barrel link.	Par 3-7b.
Failure to fire	The hammer falls but the primer of the cartridge is not ignited.	
	Bent or broken hammer strut.	Par 3-7b.
	Broken firing pin.	Par 3-7b.
	Weak mainspring.	Par 3-7b.
Failure to unlock	The barrel locking ribs do not disengage from the recesses in the slide.	
	Broken barrel link.	Par 3-7b.
	Broken link pin.	Par 3-7b.
	Broken barrel lugs.	Par 3-7b.
Failure to extract	The cartridge case is not removed from the chamber.	
	Dirty chamber.	Clean chamber, par 3-10.
	Pitted chamber.	Par 3-7b.
	Broken or worn extractor.	Par 3-7b.
Failure to eject	The cartridge case is not ejected from the pistol.	
	Faulty extractor or ejector.	Par 3-7b.
Failure to cock	Defective sear spring.	Par 3-7b.
	Worn or broken disconnector, sear or full cock notch on hammer.	Par 3-7b.
Miscellaneous	Two or more shots fired in succession by one trigger squeeze.	Par 3-7b.

3-8. Organizational Troubleshooting

Refer to table 3-4.

Table 3-4. Organizational Troubleshooting

Malfunction	Probable cause	Corrective action
Failure to chamber	Weak recoil spring.	Par 3-12c(3).
Failure to lock	Dirty or burred barrel locking ribs or locking recesses.	Stone burs; clean, par 3-12 and 3-12c.
	Weak recoil spring.	Par 3-12c(3).
	Broken barrel link.	Replace, 9, fig B-1.
Failure to fire	Bent or broken hammer strut.	Replace, 22, fig B-1.
	Broken firing pin.	Replace, 11, fig B-1.
	Weak mainspring.	Par 3-12c(3).
Failure to unlock	Broken barrel link.	Replace, 9, fig B-1.
	Broken link pin.	Replace, 8, fig B-1.
	Broken barrel lugs.	Par 3-12c(3).
Failure to extract	Pitted chamber.	Par 3-12c(3).
	Broken or worn extractor.	Par 3-12c(3).
Failure to eject	Faulty extractor or ejector.	Par 3-12c(3).
Failure to cock	Defective sear spring.	Replace, 18, fig B-1.
	Worn or broken disconnector, sear, or full cock notch on hammer.	Par 3-12c(3).

Section VI. OPERATORS MAINTENANCE PROCEDURES

3-9. Disassembly/Assembly Procedures

a. For disassembly/assembly of the weapon authorized to the operator refer to figures 3-6 through 3-8.

Note. White arrows, shown on illustrations, indicate removal or disassembly sequence, and black arrows assembly or installation sequence.

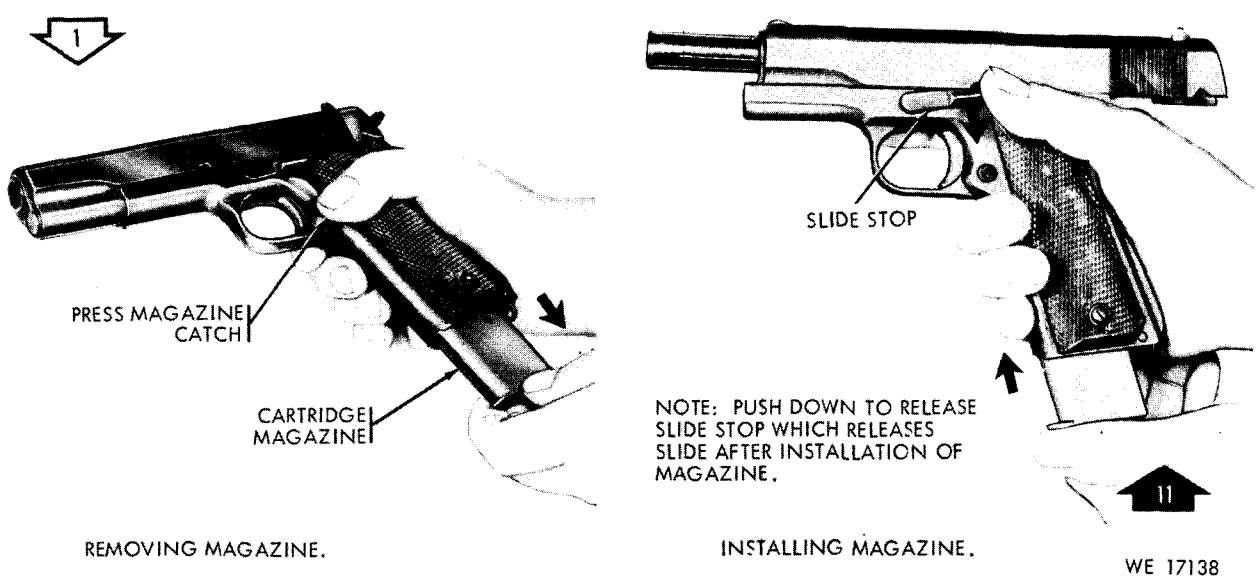
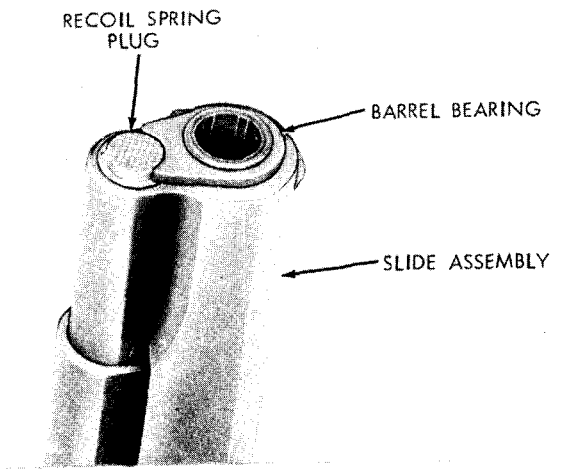
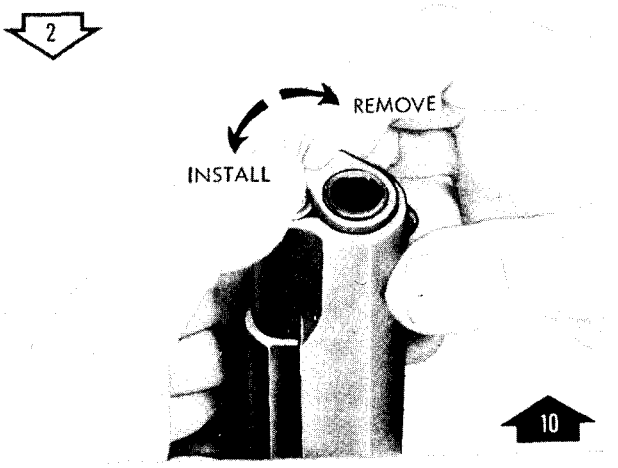


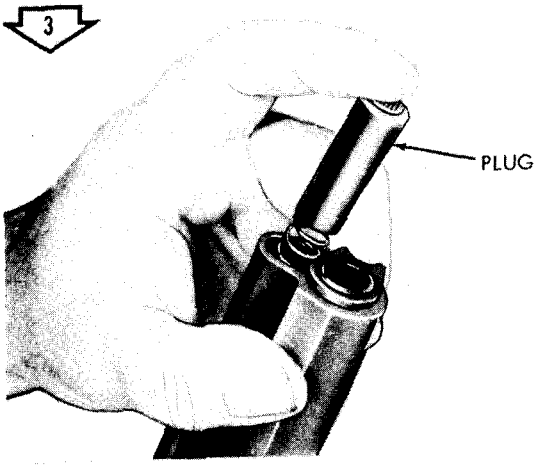
Figure 3-6. Operator's disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1. (1 of 8)

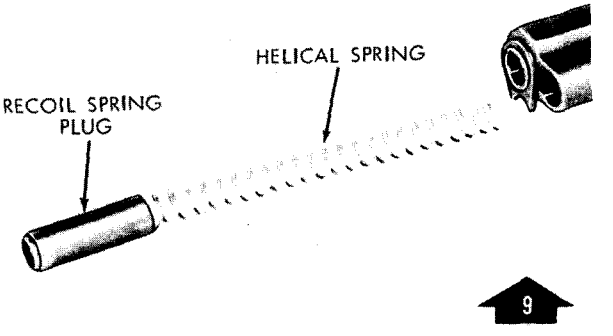


VIEWING MUZZLE END OF PISTOL.

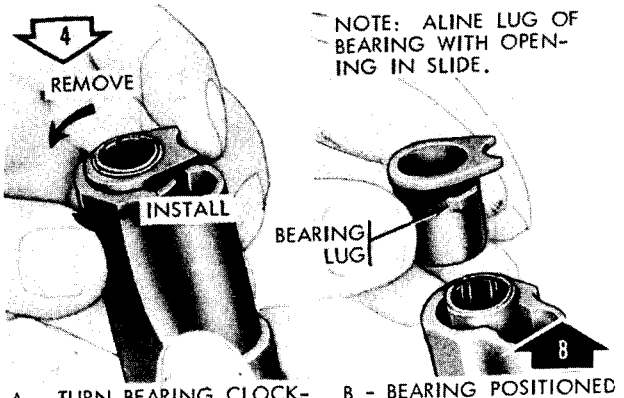


COMPRESS RECOIL SPRING PLUG AND ROTATE BARREL BEARING.





REMOVE/INSTALL RECOIL SPRING PLUG AND SPRING.



A - TURN BEARING CLOCKWISE TO REMOVE, COUNTERCLOCKWISE TO INSTALL.

B - BEARING POSITIONED FOR INSTALLATION/REMOVAL.

REMOVE/INSTALL BARREL BEARING.

COCK HAMMER FOR REMOVING/INSTALLING SLIDE GROUP.

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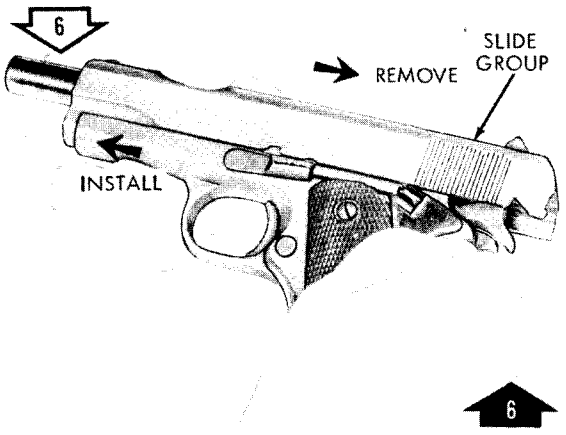
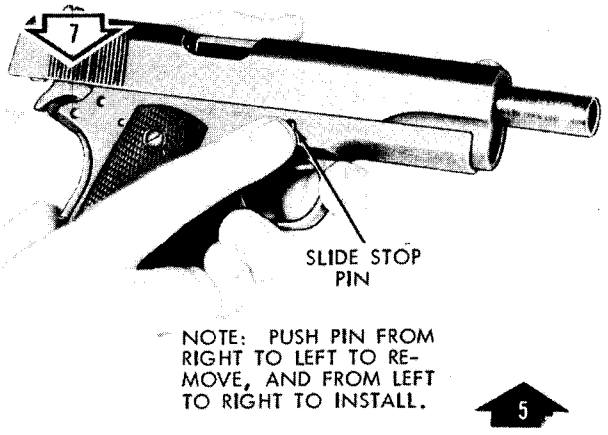
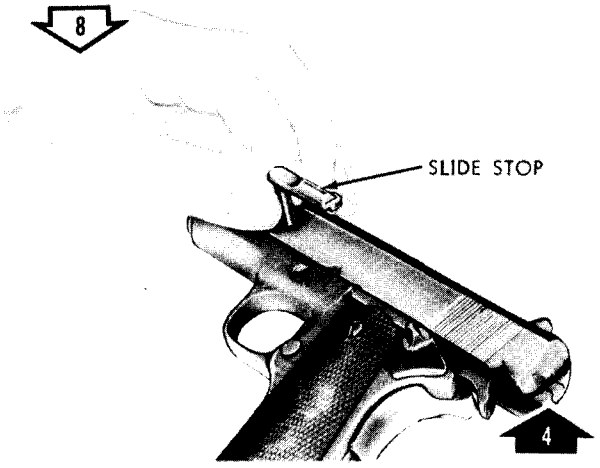
Figure 3-7. Operator's disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1. **(2 *of* 3)**



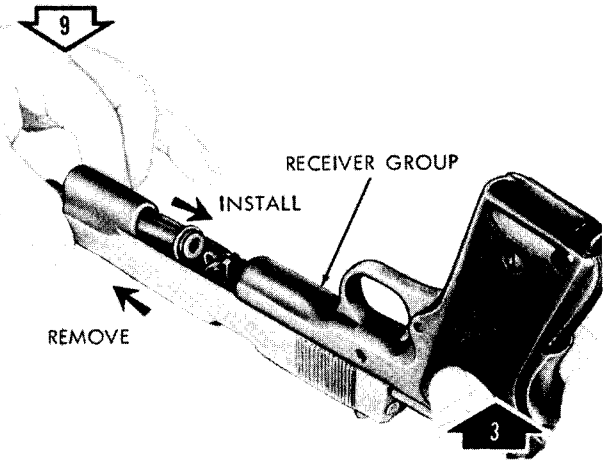
POSITION SLIDE GROUP.



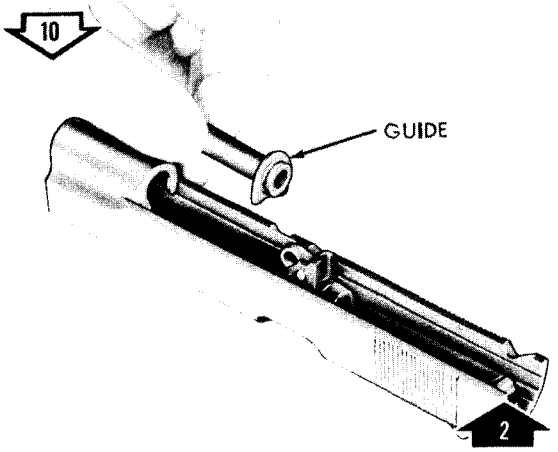
UNSEAT/SEAT PIN PORTION OF SLIDE STOP.



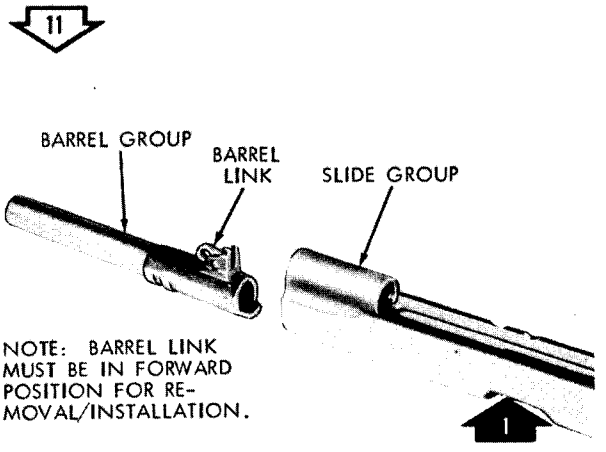
REMOVE/INSTALL SLIDE STOP.



REMOVE/INSTALL SLIDE GROUP FROM RECEIVER GROUP.



REMOVE/INSTALL RECOIL SPRING GUIDE.



REMOVE/INSTALL BARREL GROUP.

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Figure 8-8. Operator's disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1. (8 of 8)

b. To test the pistol, for correct assembly, pull the slide fully to the rear and release it, the hammer should remain cocked. Hold the pistol in a normal grasp to depress the grip safety and squeeze the trigger. The hammer should fall.

3-10. Cleaning, Inspection and Repair

a. Cleaning.

(1) *General.* Disassemble the pistol and clean all parts with a rag saturated with dry cleaning solvent (SD). Dry parts, apply a light coat of oil and assemble the pistol. The pistol should be inspected each day.

(2) *Cleaning after firing.* The pistol must be thoroughly cleaned as soon as possible, after firing, in the following manner.

(a) Disassemble the pistol.

(b) Clean all parts with dry cleaning solvent (SD), dry all parts and apply a light coat of oil.

(c) Clean the bore and chamber as follows:

1. Wet a swab with rifle bore cleaning compound (CR) and run it back and forth through the bore several times.

2. Attach the pistol bore brush (1, fig B-2) to the cleaning rod (2, fig B-2) and run it through the bore and chamber several times.

3. Run dry swabs through the bore and chamber until they are clean.

4. Inspect the bore for cleanliness. If it is not free of all residue, repeat the cleaning process.

5. When the chamber and bore are clean, coat them with rifle bore cleaning compound (CR) and leave overnight.

6. Assemble the pistol.

7. Perform the test for correct assembly (par 3-9b).

8. Apply a light coat of oil to the exterior surfaces of the pistol.

b. Inspection. The operator should daily inspect the weapon. Particular attention should be directed to making sure the pistol is free from rust, any foreign matter, and that it is clean. Refer to table 3-2 for detailed procedures that are applicable to inspections as well as preventive maintenance.

c. Repair.

(1) Operator's repairs to the weapon will be limited to replacement of the magazine. The magazine can be disassembled in accordance with figure 3-9 for cleaning purposes.

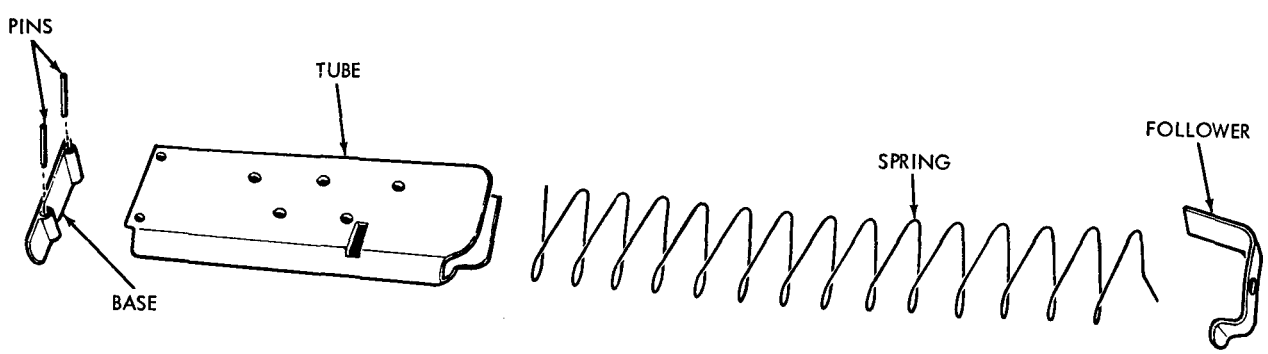


Figure 3-9. Magazine assembly—exploded view.

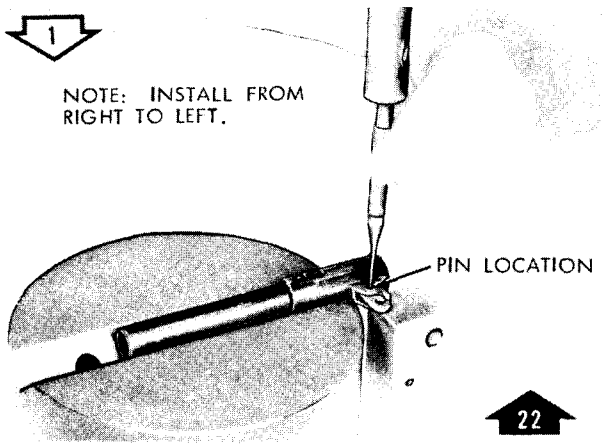
(2) For repairs other than authorized above, return pistol to organizational maintenance personnel.

Note. Magazine assembly (old manufacture) shown for disassembly cleaning purposes. New manufactured magazine assembly has welded base.

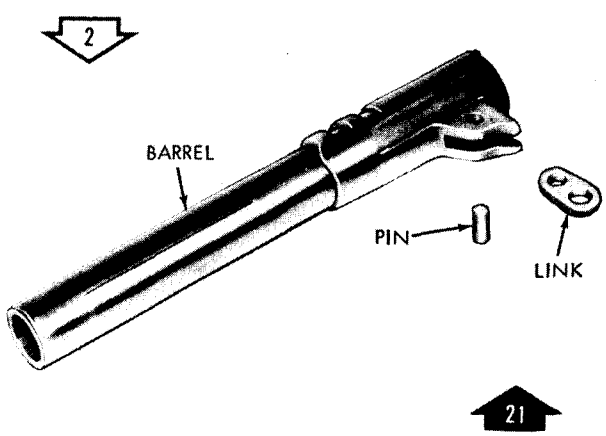
Section VII. ORGANIZATIONAL MAINTENANCE PROCEDURES

3-11. Disassembly/Assembly Procedures

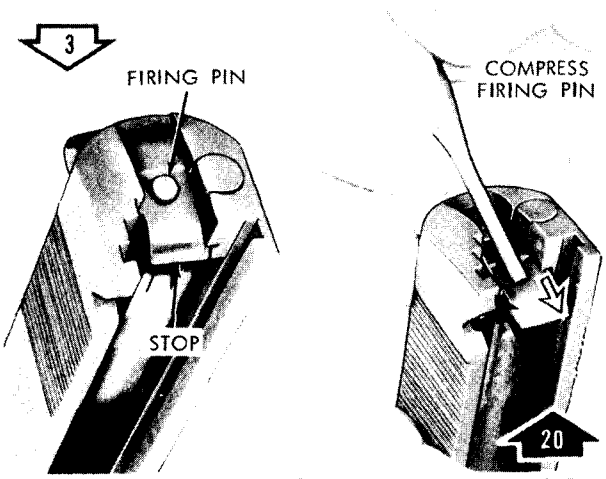
Refer to figures 3-10 through 3-15 for detailed procedures on disassembly/assembly of the pistol.



REMOVE/INSTALL BARREL LINK PIN.

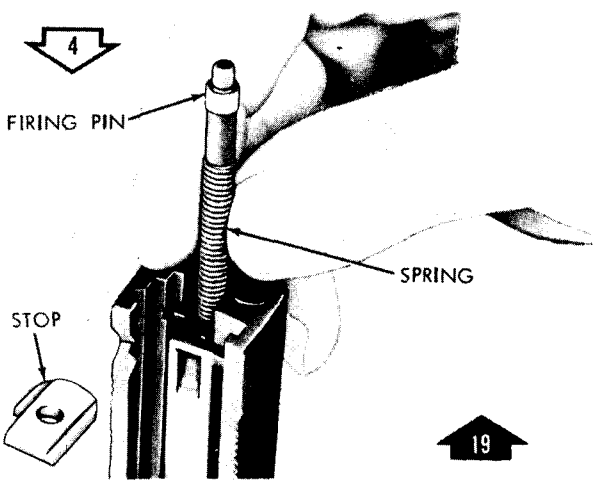


REMOVE/INSTALL BARREL LINK.

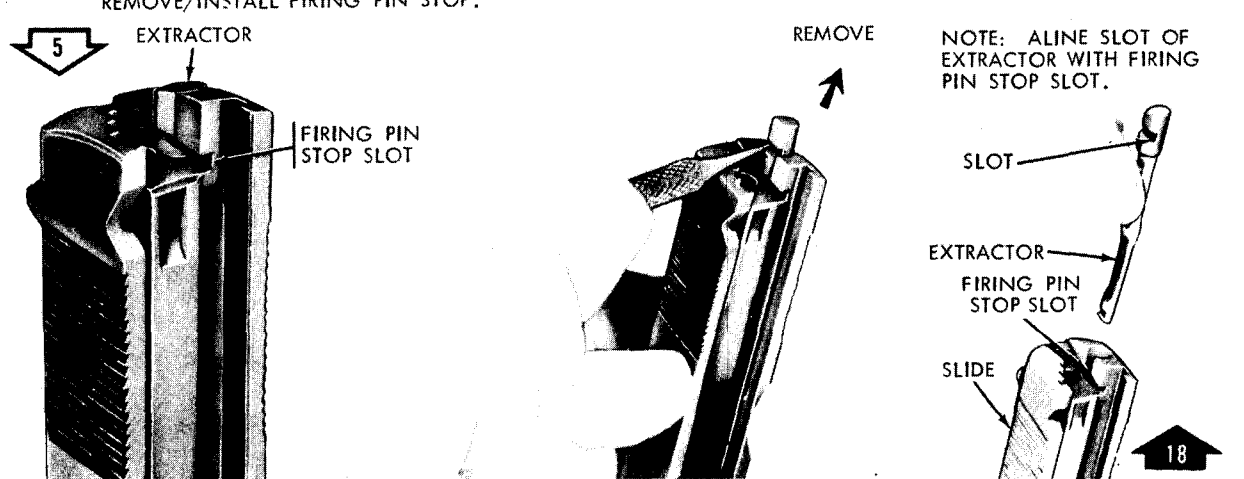


A - FIRING PIN AND STOP. B - COMPRESS FIRING PIN TO REMOVE/INSTALL STOP.

REMOVE/INSTALL FIRING PIN STOP.



REMOVE/INSTALL FIRING PIN AND FIRING PIN SPRING.



A - CORRECT LOCATION OF EXTRACTOR AT FIRING PIN STOP SLOT.

B - UNSEAT/SEAT EXTRACTOR.

C - EXTRACTOR POSITIONED.

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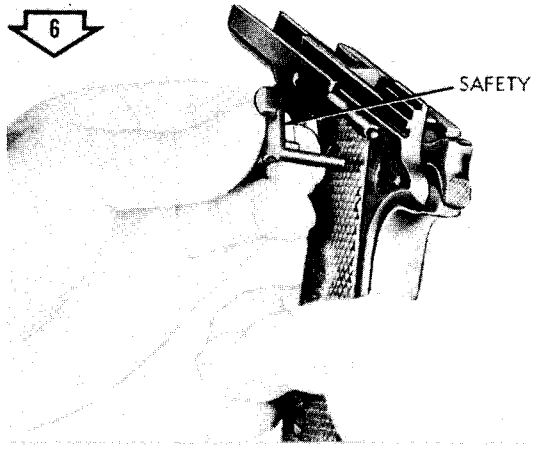
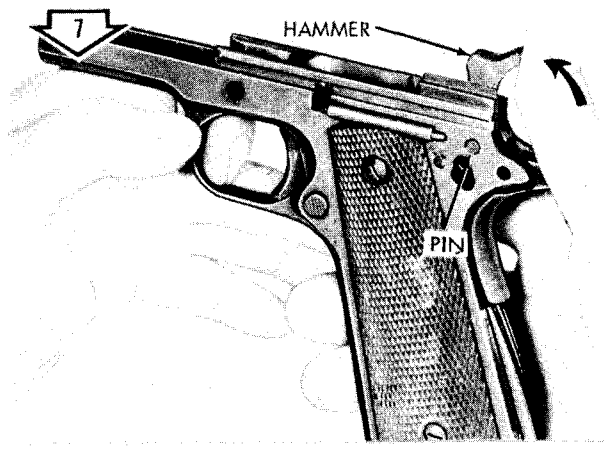
REMOVE/INSTALL CARTRIDGE EXTRACTOR.

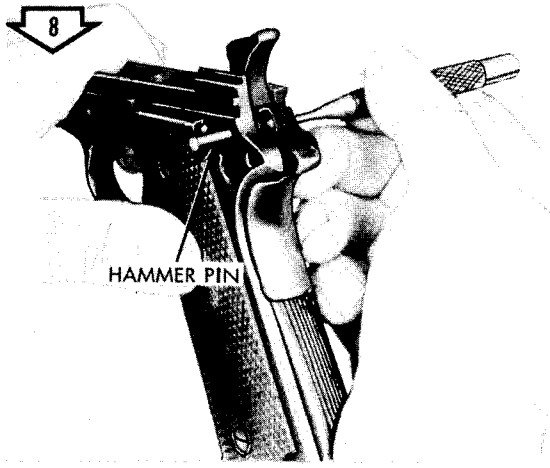
Figure 3-10. *Organizational disassembly/assembly of Caliber* .45 *Automatic Pistol, M1911A1.* (1 *of* 6)



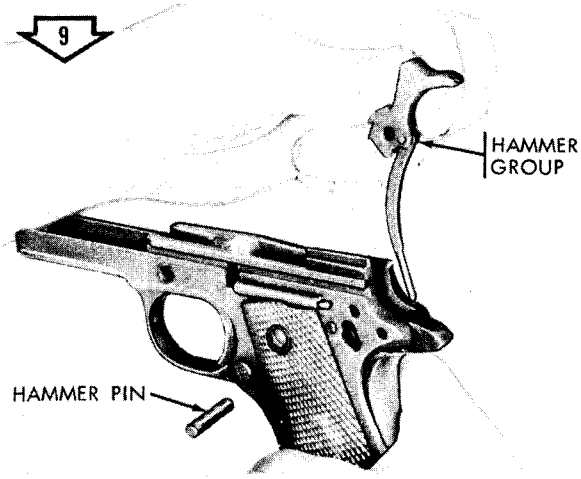
REMOVE SAFETY.



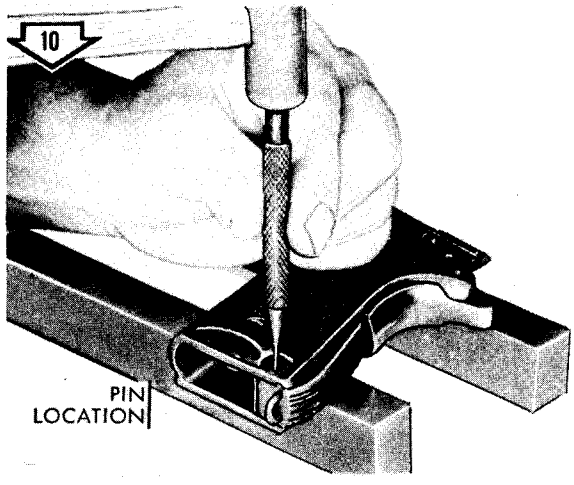
RELEASE HAMMER PRIOR TO REMOVING HAMMER PIN.



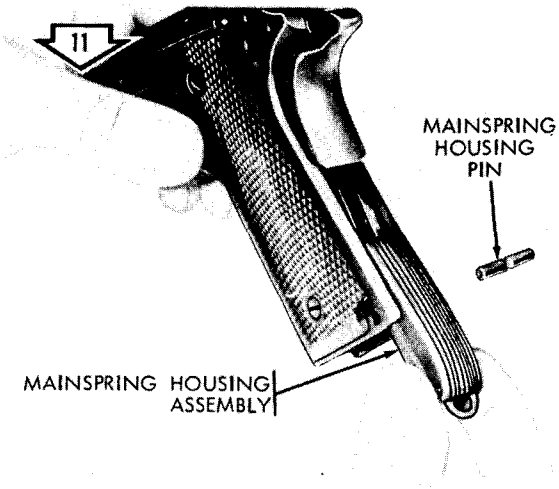
REMOVE HAMMER PIN.



REMOVE HAMMER GROUP.



REMOVE MAINSPRING HOUSING PIN.



REMOVE MAINSPRING HOUSING ASSEMBLY.

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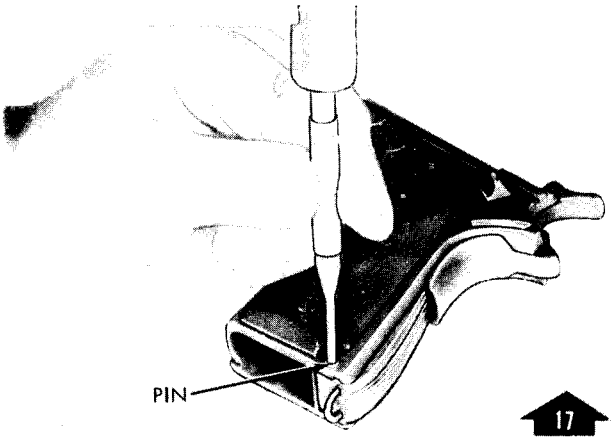
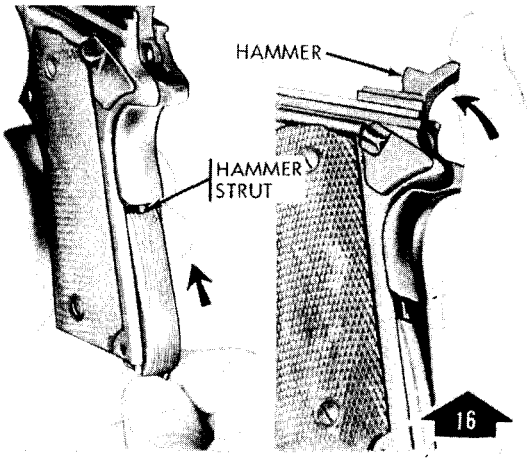
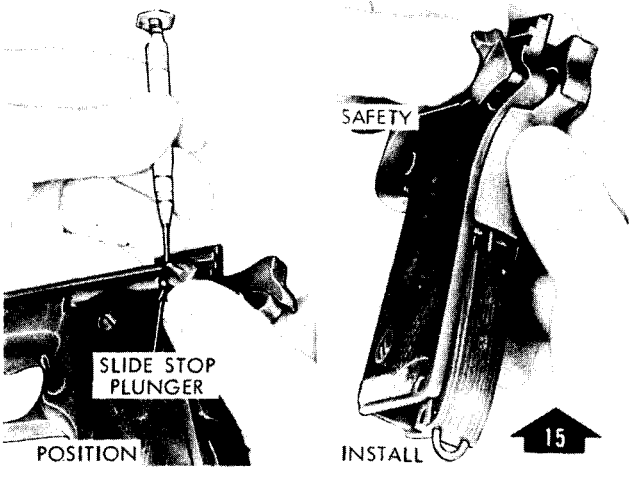
Figure 3-11. *Organizational disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1.* (2 *of* 6)



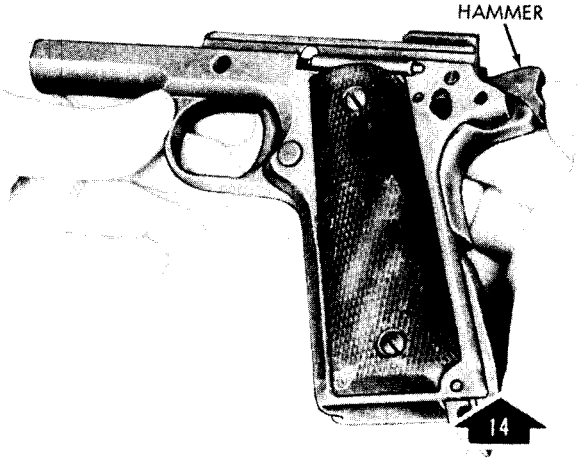
INSTALL MAINSPRING HOUSING PIN.



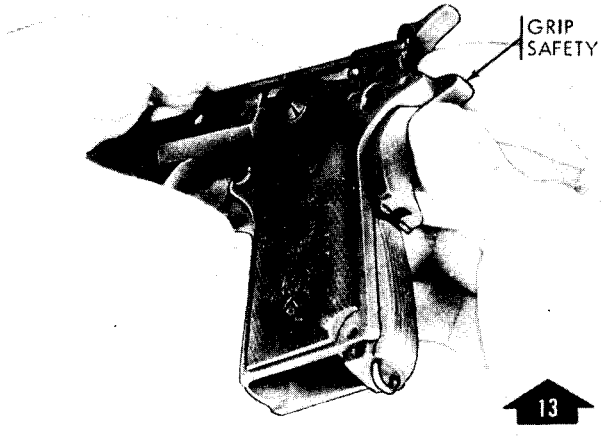
RELEASE HAMMER AND POSITION HAMMER STRUT INTO MAINSPRING HOUSING ASSEMBLY.



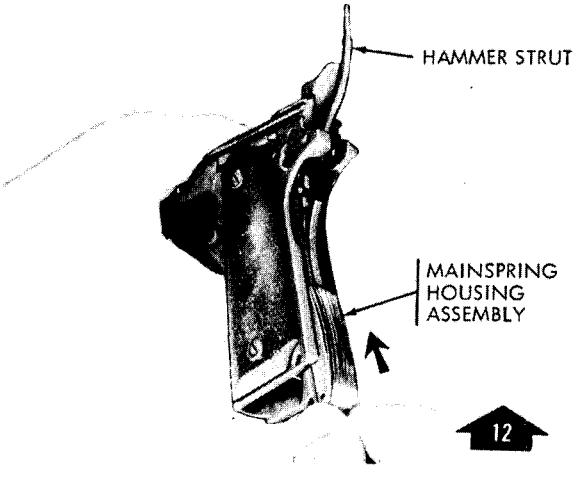
POSITION AND INSTALL SAFETY.



COCK HAMMER PRIOR TO INSTALLING SAFETY.



DROP HAMMER STRUT AND INSTALL GRIP SAFETY.



PARTIALLY INSTALL MAINSPRING HOUSING ASSEMBLY TO HOLD SEAR SPRING IN POSITION.

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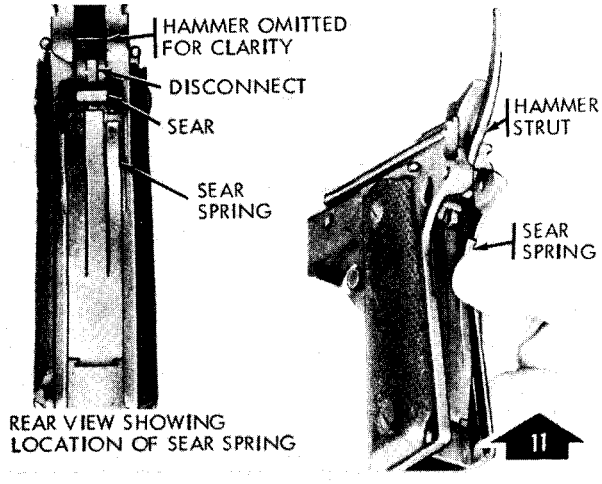
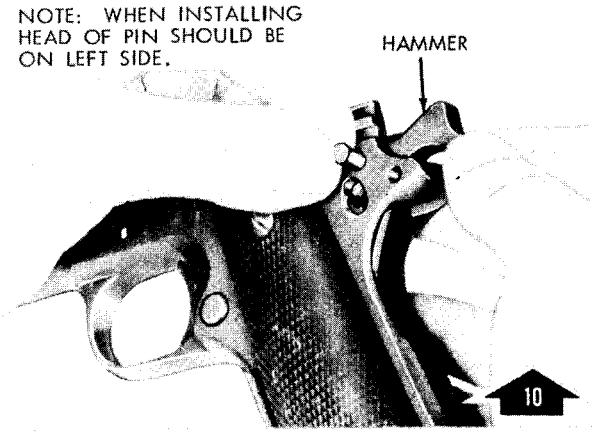
Figure 3-12. *Organizational disassembly/assembly of Caliber* .45 *Automatic Pistol, M1911A1.* (3 *of* 6)

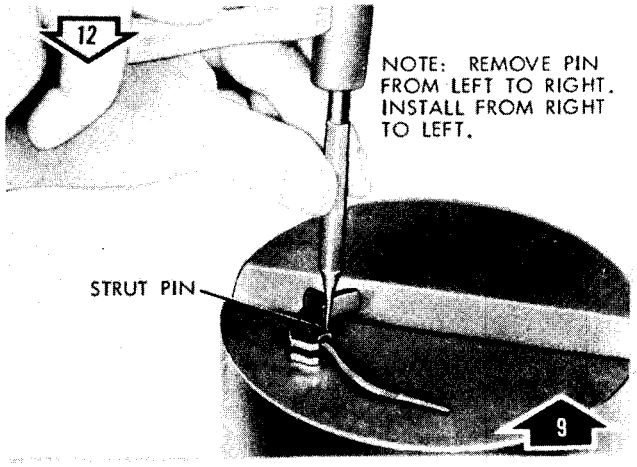


REAR VIEW SHOWING LOCATION OF SEAR SPRING

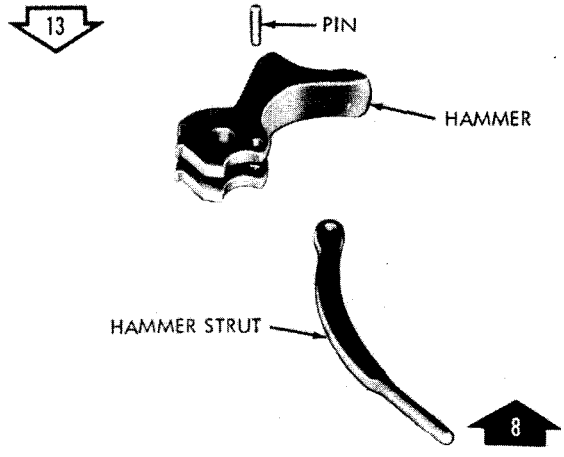
RAISE HAMMER STRUT AND INSTALL SEAR SPRING.



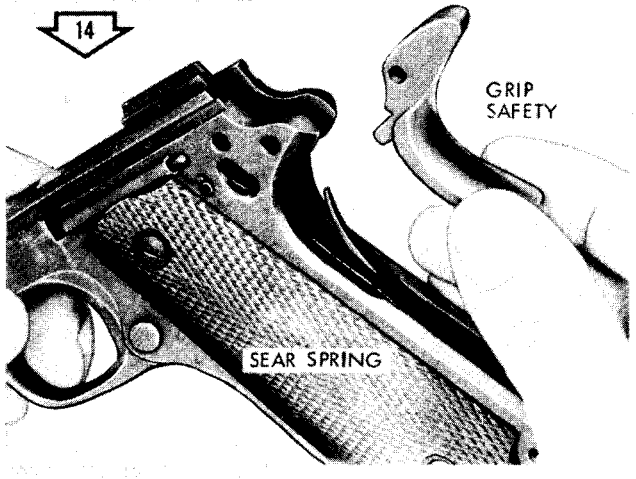
INSTALL HAMMER AND HAMMER PIN.



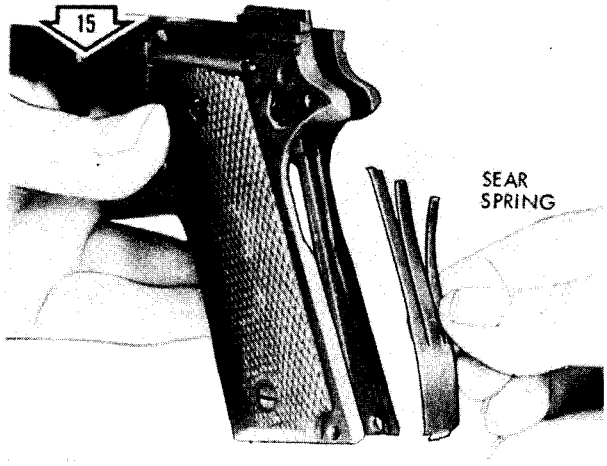
REMOVE/INSTALL HAMMER STRUT PIN.



SEPARATE/CONNECT HAMMER STRUT AND HAMMER.



REMOVE GRIP SAFETY.



REMOVE SEAR SPRING.

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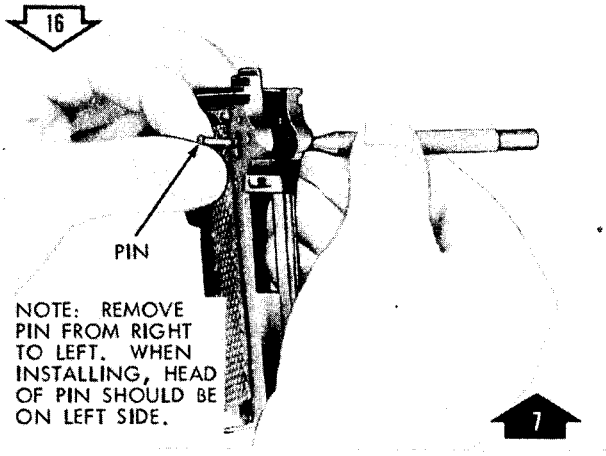
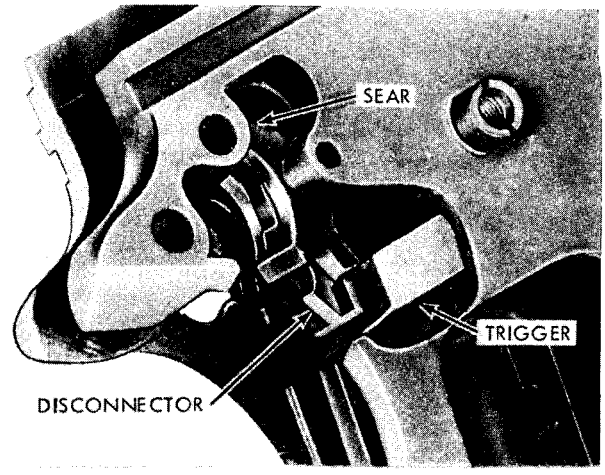
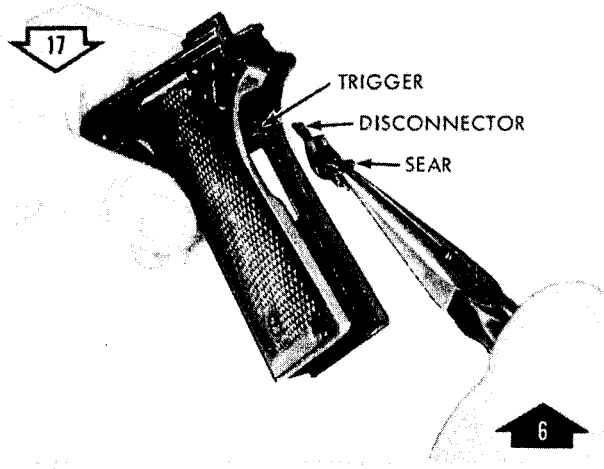
Figure 3-18. *Organizational disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1.* (4 *of* 6)



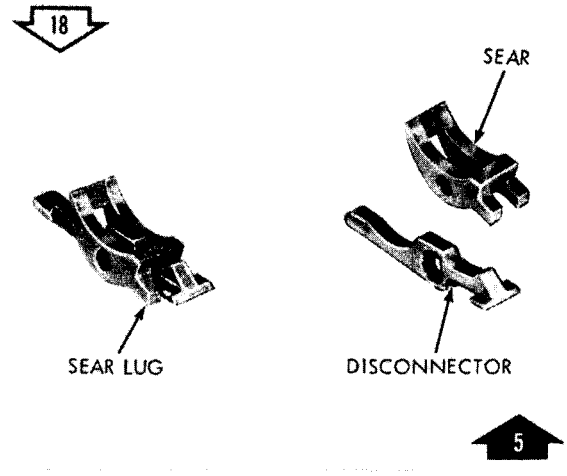
REMOVE/INSTALL SEAR PIN.



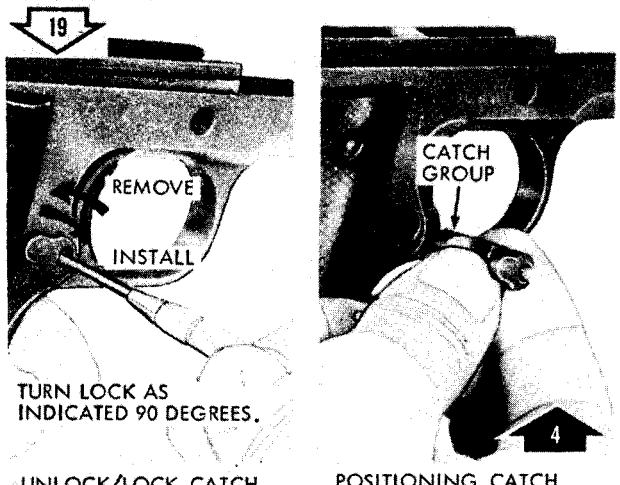
CUTAWAY VIEW SHOWING LOCATION OF SEAR AND DISCONNECTOR.



REMOVE/INSTALL SEAR AND DISCONNECTOR.



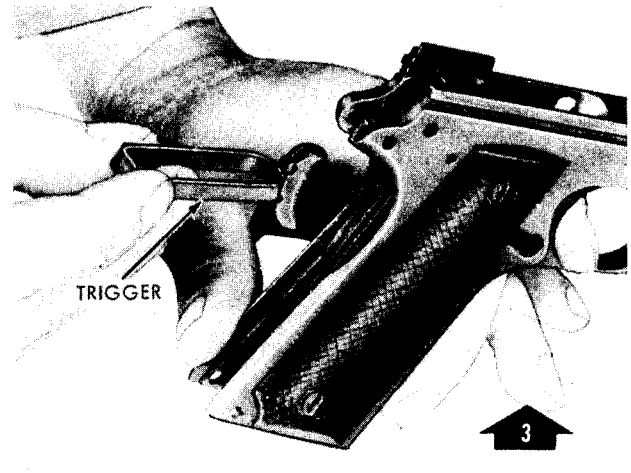
SEPARATE/CONNECT SEAR AND DISCONNECTOR.



UNLOCK/LOCK CATCH GROUP.

POSITIONING CATCH GROUP.

REMOVE/INSTALL MAGAZINE CATCH GROUP.



REMOVE/INSTALL TRIGGER.

WE 17135

Figure 3-14. Organizational disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1. (5 of 6)

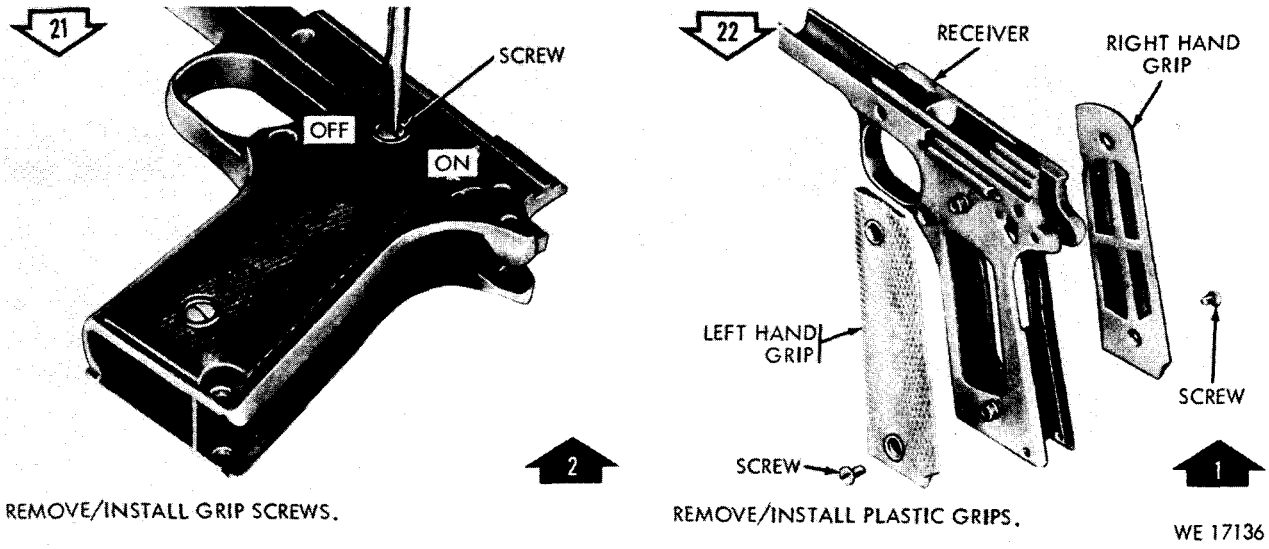


Figure 3-15. *Organizational disassembly/assembly of Caliber .45 Automatic Pistol, M1911A1.* (6 *of* 6)

3-12. Cleaning, Inspection and Repair

a. Cleaning. For general cleaning instructions refer to TM 9-208-1 and TM 9-247. For specific cleaning procedures refer to paragraph 3-10a. On those component parts which contain a hard carbon residue it may be necessary to clean the parts with carbon removing compound, P-C-111. Observe the following procedures when using P-C-111.

Warning. **Avoid skin contact with P-C-111. The compound should be washed off thoroughly with running water if it comes in contact with the skin. A good lanolin base cream, after exposure to the compound, is helpful. The use of rubber gloves and protective equipment is recommended.**

(1) Using a suitable container, fill with fresh compound.

(2) Before soaking parts in the compound, remove all loose dirt, grease, and oil. Place parts to be cleaned in the container, making certain they are completely immersed.

(3) Depending on the amount of residue to be removed, soak for 2 to 16 hours.

(4) Rinse parts with water and dry cleaning solvent (SD), and brush with a stiff bristle brush.

(5) Wipe parts dry and lubricate (par 3-3 and 3-4).

b. Inspection.

Warning. **Clear the weapon of all ammunition before starting an inspection. Remove the magazine and check the chamber to insure it is empty. Do NOT actuate the trigger until the weapon has been cleared.**

Refer to table 3-5 for inspection and repair procedures.

c. Repair.

(1) Remove burs, rough spots, rust and scored areas with a fine stone or crocus cloth moistened with oil. When stoning, care must be taken not to alter any surfaces from the original dimensions.

(2) Replace only those parts which are authorized to organizational maintenance personnel. (Refer to appendix B.)

(3) For repair or replacement of parts, not authorized for organizational maintenance, return pistol to direct support personnel.

(4) For specific repair functions refer to table 3-5.

Table 3-5. Inspection and Repair Procedures

Component part or assembly	Inspection	Repair	Reference
Pistol	Overall condition:		
	Nicks, scratches, and burs.	Stone or use crocus cloth.	Par 3-12c(1)
	Rust or dirt.	Clean and lubricate.	Par 3-12a, 3-3 and 3-4
	Check safety and disconnector tests.		Table 3-2
Magazine Assembly	Rust or dirt.	Clean and lubricate.	Par 3-12a, 3-3 and 3-4
	Proper assembly.	Assemble properly.	Par 3-9 and 3-11
	Dull black finish, damaged parts, and proper functioning.	Replace magazine assembly.	1, fig B-1
Slide Group	Damaged parts.	Replace only items 8, 9, 11, and 12, fig B-1, if damaged.	Par 3-12c(2)
	Recoil spring must have a free overall length of 6-1/2 inches.		Par 3-12c(3)
	Check for loose sights		Par 3-12c(3)
	Rust, dirt or foreign matter.	Clean and lubricate.	Par 3-12a, 3-3 and 3-4
Receiver Group	Damaged parts.	Replace only items 18, 22, 26, 27, 28, and 30, fig B-1, if damaged.	Par 3-12c(2) and (3)
	Rust, dirt or foreign matter.	Clean and lubricate.	Par 3-12a, 3-3 and 3-4
Holster	Leather will be soft and pliable, free from tears, cuts and cracks. Stitching will be secure and must have all snaps, hooks and pads in place.	Leather material after being water soaked should be cleaned with saddle soap after drying in the shade. Apply mildew preservative leather dressing for field treatment.	3 or 4, fig B-2
	Note. Brass portions and surrounding leather will be free of verdigris. Leather will be black.		

CHAPTER 4

AMMUNITION

4-1. General

Ammunition for the Caliber .45 Automatic Pistol, M1911A1 is issued in the form of a complete round. A complete round (cartridge) consists of all the components (cartridge case, bullet, propellant powder, and primer) necessary to fire the weapon once.

4-2. Classification and Identification of Ammunition

The contents of original boxes or containers can be identified by markings on the box. These markings indicate the number of cartridges in the container, the caliber, the type, the code symbol, and the lot number. The types, uses and means of identification of ammunition for use in the pistol are:

a. Cartridge, Caliber .45, Ball, M1911, is for use against personnel and light material targets. The ball bullet consists of a metal jacket surrounding a lead alloy core. The bullet tip is unpainted.

b. Cartridge, Caliber .45, Blank, M9, is used to simulate fibre and for salutes. This cartridge can be fired single shot only in the pistol. It can be identified by the absence of a bullet and by its tapered mouth.

c. Cartridge, Caliber .45, Dummy, M1921, is used for training personnel in the operation of loading and unloading the pistol, and for testing weapons. This cartridge can be identified by the empty primer pocket and two holes in the cartridge case.

d. Cartridge, Caliber .45, Tracer, M26 is used for observation of fire. Secondary uses are for incendiary effect and for signaling. The bullet consists of three parts: a copper-plated or gilding metal-clad steel jacket, a slug of lead hardened with antimony and a tracer mixture in the rear portion of the jacket. The bullet is painted red for a distance of approximately 3/16 inch from the tip.

e. Cartridge, Caliber .45, High Density Shot, XM261 is used against personnel. It employs 16 spheres incased in a sabot similar in shape to the ball bullet.

CHAPTER 5

DEMOLITION TO PREVENT ENEMY USE

5-1. General

a. Destruction of the pistol when subject to capture or abandonment in the combat zone, will be undertaken only when in the judgment of the commander concerned such action is necessary. If destruction is resorted to, the equipment must be so badly damaged that it cannot be restored to a usable condition in the combat zone either by repair or cannibalization. The reporting of the destruction of equipment is to be through regular channels.

b. Priorities for destruction of parts are:

(1) Firing pin
(2) Barrel
(3) Slide assy w/sights
(4) Receiver

c. The same priority for the destruction of component parts of the pistol are to be given to the destruction of similar components in spare parts storage areas.

APPENDIX A
REFERENCES

A-1. Publication Indexes

The following indexes should be consulted frequently for the latest changes or revision of references given in this appendix and for new publications relating to material covered in this manual.

Military Publications:

Index of Administrative Publications	DA Pam 310-1
Index of Army Films, Transparencies, GTA Charts, and Recordings	DA Pam 108-1
Index of Doctrinal, Training and Organizational Publications	DA Pam 310-3
Index of Technical Manuals, Technical Bulletins, Supply Manuals (types 7, 8 and 9) Supply Bulletins and Lubrication Orders	DA Pam 310-4

A-2. Forms

DA Form 2028, Recommended Changes to DA Publications
DA Form 2407, Maintenance Request
DD Form 6, Report of Damage or Improper Shipment

A-3. Other Publications

The following explanatory publications pertain to this material.

a. General.	
Pistols and Revolvers	FM 23-35
Army Equipment Record Procedures	TM 38-750
b. Cleaning.	
Cleaning of Ordnance Materiel	TM 9-208-1
c. Safety.	
Accident Reporting and Records	AR 385-40

APPENDIX B

BASIC ISSUE ITEMS LIST AND ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

B-1. Scope

This appendix lists basic issue items, repair parts and special tools required for the performance of organizational maintenance of the Caliber .45 Automatic Pistol, M1911A1 with hip holster and Caliber .45 Automatic Pistol, M1911A1 with shoulder holster.

B-2. General

This Basic Issue Items, Repair Parts, and Special Tools List is divided into the following sections:

a. Basic Issue Items—Section II. A list of items which accompany the pistols.

b. Maintenance and Operating Supplies—Section III. A listing of maintenance and operating supplies required for initial operation.

c. Prescribed Load Allowance (PLA)—Section IV. A composite listing of repair parts and special tools having quantitative allowances for initial stockage at the organizational level.

d. Repair Parts—Section V. A list of repair parts authorized for the performance of maintenance at the organizational level in figure and item number sequence.

e. Special Tools and Support Equipment—Section VI. A list of special tools and support equipment authorized for the performance of maintenance at the organizational level.

f. Federal Stock Number and Reference Number Index—Section VII. A list of Federal stock numbers in ascending numerical sequence, followed by a list of reference numbers appearing in all the listings, in ascending alpha-numeric sequence, cross-referenced to the illustration figure number and item number.

B-3. Explanation of Columns

The following provides an explanation of columns in the tabular lists in Sections II through VI.

a. Source, Maintenance, and Recoverability Codes (SMR).

(1) *Source Code.* Indicates the selection status and source for the listed item. Source code used is:

Code	*Explanation*
P	Applied to repair parts which are stocked in or supplied from Army supply system.

(2) *Maintenance Code.* Indicates the lowest category of maintenance authorized to install the listed item. The maintenance level codes are:

Code	*Explanation*
C	Operator/crew
O	Organizational

(3) *Recoverability Code.* Indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability code is:

Code	*Explanation*
R	Applied to repair parts and assemblies which are economically reparable and are furnished by supply on an exchange basis.

b. Federal Stock Number. Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description. Indicates the Federal item name and any additional description of the item required. The abbreviation "w/e" when used as a part of the nomenclature, indicates the Federal stock number includes all armament, equipment, accessories and repair parts issued with the item. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parentheses.

d. Unit of Measure (U/M). A 2 character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

e. Quantity Incorporated in Unit. Indicates the quantity of the item used in the functional group.

f. Quantity Furnished with the Equipment. Indicates the quantity of an item furnished with the equipment (BIIL only).

g. Component Application. Identifies the component application of each maintenance or operating supply item (M & O supplies only).

h. Quantity Required for Initial Operation. Indicates the quantity of each maintenance or operating supply item required for initial operation of the equipment (M & O supplies only).

i. Quantity Required for 8 Hours Operation. Indicates the estimated quantities required for an average 8 hours of operation (M & O supplies only).

j. Notes. Indicates informative notes keyed to data appearing in a preceding column (M & O supplies only).

k. 15-Day Organizational Maintenance Allowances.

(1) The allowance columns are divided into four subcolumns. Indicated in each subcolumn opposite the first appearance of each item is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have the letters "REF" in the allowance columns. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for organizational level of maintenance represents one initial load for a 15-day period for the number of equipments supported. Units and organizations authorized additional prescribed loads will multiply the number of prescribed loads authorized by the quantity of repair parts reflected in the appropriate density column to obtain the total quantity of repair parts authorized.

(3) Organizational units providing maintenance for more than 100 of these equipments shall determine the total quantity of parts required by converting the equipment quantity to a decimal factor by placing a decimal point before the next to last digit of the number to indicate hundredths, and multiplying the decimal factor by the parts quantity authorized in the 51-100 allowance column. Example, authorized allowance for 51-100 equipments is 12; for 140 equipments multiply 12 by 1.40 or 16.80 rounded off to 17 parts required.

(4) Subsequent changes to allowances will be limited as follows: No change in the range of items is authorized. If additional items are considered necessary, recommendation should be forwarded to Commanding General, Headquarters, U.S. Army Weapons Command, ATTN: AMSWE-SMM-SA, Rock Island, Illinois 61201, for exception or revision to the allowance list. Revisions to the range of items authorized will be made by the U.S. Army Weapons Command based upon engineering experience, demand data, or TAERS information.

l. Illustration.

(1) *Figure Number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item Number.* Indicates the call-out number used to reference the item in the illustration.

B-4. Special Information

Identification of the usable on codes of this publication are:

Code	*Used on*
	Parts without any code are used on either the Pistol, Caliber .45, Automatic, M1911A1 with Hip Holster or Pistol, Caliber .45, Automatic M1911A1 with Shoulder Holster.
A	Pistol, Caliber .45, Automatic, M1911A1 with hip holster only.
B	Pistol, Caliber .45, Automatic, M1911A1 with shoulder holster only.

B-5. How to Locate Repair Parts

a. When Federal stock number or reference number is unknown:

(1) *First.* Find illustration B-1 covering the Caliber .45 Automatic Pistol, M1911A1.

(2) *Second.* Identify the repair part on the illustration and figure and item number of the repair part.

(3) *Third.* Using the Repair Parts Listing locate the illustration figure and item number noted on the illustration.

b. When Federal stock number or reference number is known:

(1) *First.* Using the Index of Federal Stock Numbers and Reference Numbers find the pertinent Federal stock number or reference number. This index is in ascending FSN sequence followed by a list of reference numbers in alpha-numeric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* Using the Repair Part Listing, find the illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

B-6. Abbreviations

Abbreviations	*Explanation*
fil-hd	fillister head
NS	American National Special Thread
o/a	over-all
phos-ctd	phosphate coated
S	steel

B-7. Federal Supply Codes for Manufacturers

Codes	*Manufacturers*
19204	Rock Island Arsenal Rock Island, Ill. 61201
19205	Springfield Armory Springfield, Mass. 01101
73277	E.F. Houghton and Co 303 W. Lehigh Ave Philadelphia, Pa. 19133
81348	Federal Specifications
81349	Military Specification
98308	Bray Oil Co 3344 Medford St Los Angeles, Calif. 90063

Section II. BASIC ISSUE ITEMS LIST

(1) Source, Maint. and Recov. Code (a) Source	(b) Maint.	(c) Recov.	(2) Federal Stock No.	(3) Description Reference No. & Mfr. Code	Usable On Code	(4) Unit Of Meas	(5) Qty. Inc. In Unit	(6) Qty. Furn. With Equip	(7) Illustration (a) Fig. No.	(b) Item No.
P	C		1005-550-8694	MAGAZINE, CARTRIDGE: 5508694 (19205)		EA	1	2	B-1	1
			1005-550-4036	BRUSH, CLEANING, SMALL ARMS: M5, BORE 5504036 (19205)		EA	.....	1	B-2	1
			1005-556-4102	ROD, CLEANING, SMALL ARMS: M4 5564102 (19205)		EA	.....	1	B-2	2
			1095-592-6491	HOLSTER, PISTOL: HIP, M1916 (BLACK) 7791466 (19205)	A	EA	.....	1	B-2	3
			1095-973-2353	HOLSTER, PISTOL: SHOULDER, M7 (BLACK) 7791527 (19205)	B	EA	.....	1	B-2	4

Section III. MAINTENANCE AND OPERATING SUPPLIES

(1) Component Application	(2) Federal Stock No.	(3) Description	(4) Qty. Required For Initial Operation	(5) Qty. Required For 8 Hours Operation	(6) Notes
GENERAL APPLICATION	1005-288-8565	SWAB, SMALL ARMS CLEANING (1000 PER PG)	*		

Section IV. PRESCRIBED LOAD ALLOWANCE

(1) Federal Stock No.	(2) Description / Usable On Code	(3) Qty. Inc. In Unit Pack	(4) 15-Day Organizational Maint. Allowance			
			(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100
1005-501-3198	LINK, BARREL:	5	...	...	...	2
1005-550-8694	MAGAZINE, CARTRIDGE:	1	...	...	2	2
1005-288-3565	SWAB, SMALL ARMS CLEANING:	1	...	...	...	2
1005-550-4036	BRUSH, CLEANING, SMALL ARMS:	10	...	...	2	2
1005-556-4102	ROD, CLEANING, SMALL ARMS:	1	...	...	...	2
5305-601-9023	SCREW, MACHINE:	20	...	...	...	2
5315-501-3199	PIN, STRAIGHT, HEADLESS:	10	...	...	...	2

Section V. REPAIR PARTS LIST

(1) Source, Maint. and Recov. Code (A) Source	(B) Maint.	(C) Recov	(2) Federal Stock No.	(3) Description / Reference Number & Mfr. Code / Usable on Code	(4) Unit Of Meas	(5) Qty. Inc. In Unit	(6) 15-Day Organizational Maint. Allowance (A) 1-5	(B) 6-20	(C) 21-50	(D) 51-100	(7) Illustration (A) Figure No.	(B) Item No.
				REPAIR PARTS FOR: PISTOL, CAL. .45, AUTOMATIC, M1911A1								
P	C		1005-550-8694	MAGAZINE, CARTRIDGE: 5508694 (19205)	EA	1	*	*	2	2	B-1	1
P	O		5315-501-3199	PIN, STRAIGHT, HEADLESS: S, 0.1595 MAX DIA. 0.358 O/A LG (BARREL LINK) 5013199 (19205)	EA	1	*	*	*	2	B-1	8
P	O		1005-501-3198	LINK, BARREL: 5013198 (19205)	EA	1	*	*	*	2	B-1	9
P	O		1005-600-8599	PIN, FIRING: 6008599 (19205)	EA	1	*	*	*	*	B-1	11
P	O		1005-501-3204	SPRING, HELICAL, COMPRESSION: 40 COILS, FIRING PIN 5013204 (19205)	EA	1	*	*	*	*	B-1	12
P	O		1005-600-8602	SPRING, SEAR: 6008602 (19205)	EA	1	*	*	*	*	B-1	18
P	O		1005-600-8600	STRUT, HAMMER: 6008600 (19205)	EA	1	*	*	*	*	B-1	22
P	O		5305-601-9023	SCREW, MACHINE: FIL-HD, S, PHOS-CTD, 0.150-50NS, 0.260 O/A LG (GRIP) 6019023 (19205)	EA	4	*	*	*	2	B-1	26
P	O		1005-556-4063	GRIP, PISTOL: LH, PLASTIC, CHECKERED 5564063 (19205)	EA	1	*	*	*	*	B-1	27
P	O		1005-556-4062	GRIP, PISTOL: RH, PLASTIC, CHECKERED 5564062 (19205)	EA	1	*	*	*	*	B-1	28
P	O		1005-501-3194	SPRING, HELICAL, COMPRESSION: 14-1/2 COILS, PLUNGER 5013194 (19205)	EA	1	*	*	*	*	B-1	30

Section VI. SPECIAL TOOLS LIST

(1) Source, Maint. and Recov. Code (A) Source	(B) Maint.	(C) Recov.	(2) Federal Stock No.	(3) Description Reference Number & Mfr. Code	Usable on Code	(4) Unit Of Meas	(5) Qty. Inc. In Unit	(6) 15-Day Organizational Maint. Allowance (A) 1-5	(B) 6-20	(C) 21-50	(D) 51-100	(7) Illustration (A) Figure No.	(B) Item No.
				TOOLS AND EQUIPMENT AUTHORIZED FOR UNIT REPLACEMENT									
			1005-298-3565	SWAB, SMALL ARMS CLEANING: COTTON, 2-1/2 SQ. (1,000 per pg) 5019316 (19204)		PG	...	*	*	*	2		
			1005-550-4036	BRUSH, CLEANING, SMALL ARMS: M5 BORE 5504036 (19205)		EA	...	*	*	2	2	B-2	1
			1005-556-4102	ROD, CLEANING, SMALL ARMS: M4 5564102 (19205)		EA	...	*	*	*	2	B-2	2
			1095-592-6491	HOLSTER, PISTOL: HIP, M1916 (BLACK) 7791466 (19205)	A	EA	...	*	*	*	*	B-2	3
			1095-973-2353	HOLSTER, PISTOL: SHOULDER, M7, (BLACK) 7791527 (19205)	B	EA	...	*	*	*	*	B-2	4

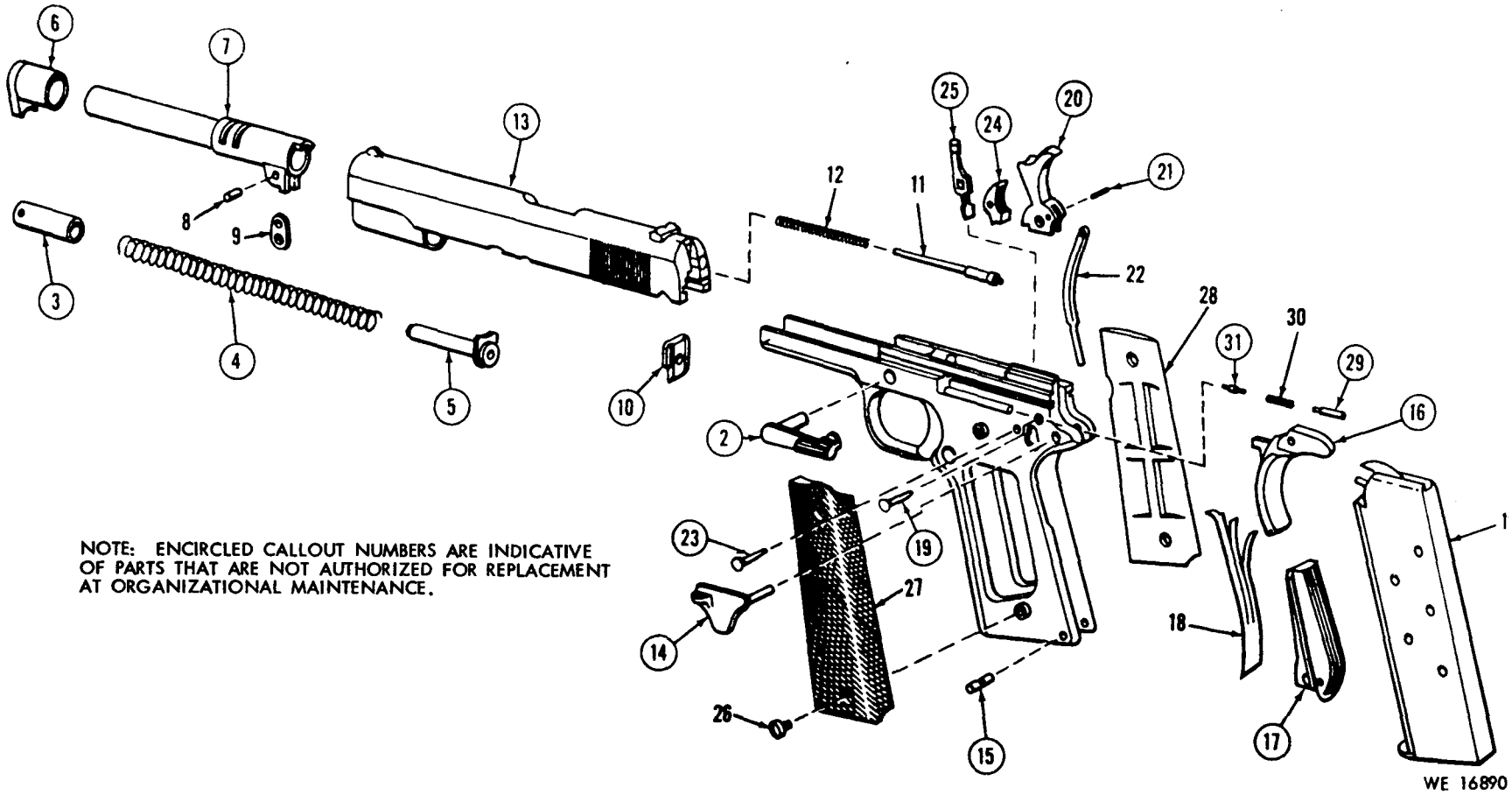


Figure B-1. Caliber .45, Automatic, Pistol, M1911A1—partial exploded view.

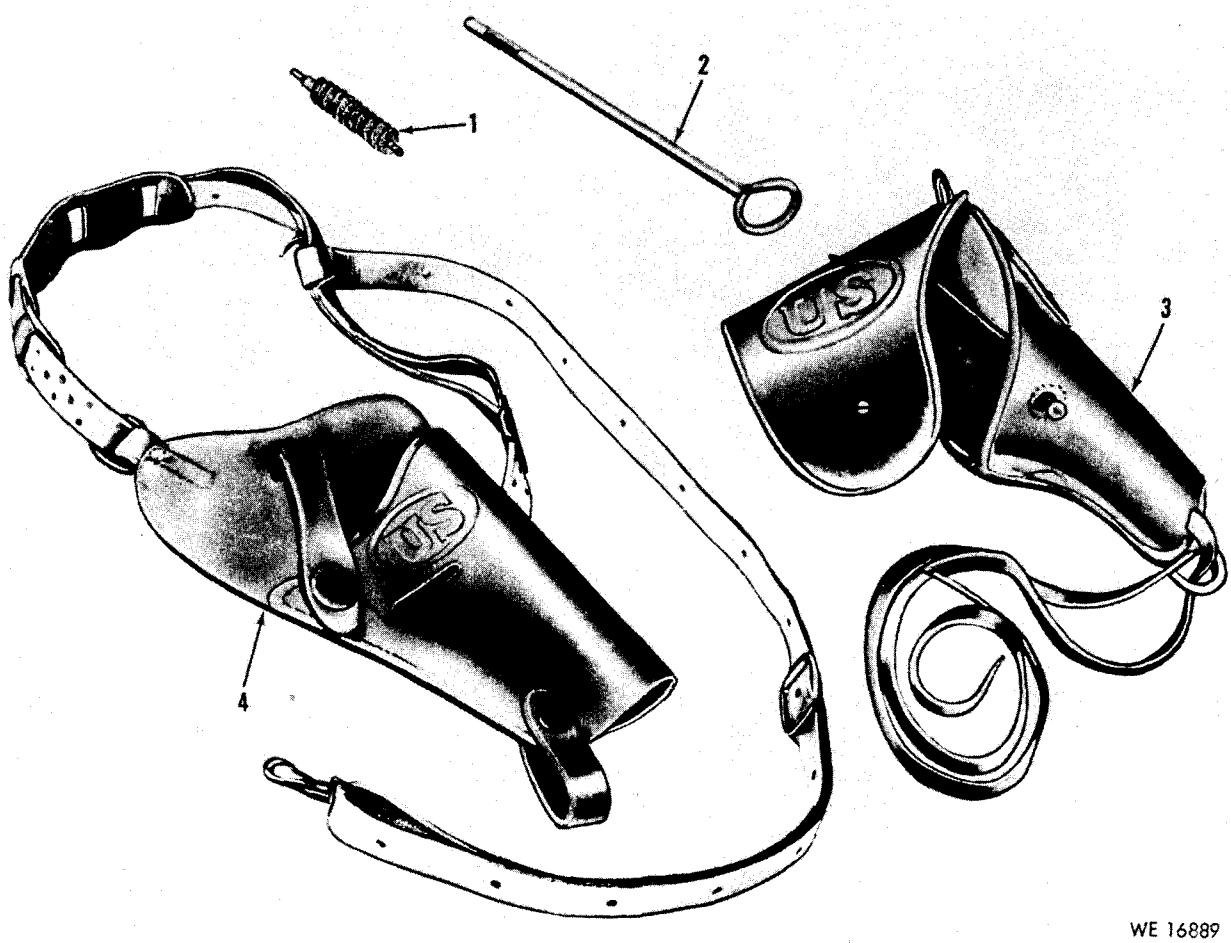


Figure B-2. Special tools and equipment.

Section VII. INDEX—FEDERAL STOCK NUMBER AND PART NUMBER

CROSS REFERENCE TO FIGURE AND ITEM NUMBER

Stock Number	*Figure No.*	*Item No.*	*Part No.*	*Mfg No.*	*Fig No*	*Item No.*
1005-501-3194	B-1	30	5013194	19205	B-1	30
1005-501-3198	B-1	9	5013198	19205	B-1	9
1005-501-3204	B-1	12	5013199	19205	B-1	8
1005-550-4036	B-2	1	5013204	19205	B-1	12
1005-550-8694	B-1	1	5504036	19205	B-2	1
1005-556-4062	B-1	28	5508694	19205	B-1	1
1005-556-4063	B-1	27	5564062	19205	B-1	28
1005-556-4102	B-2	2	5564063	19205	B-1	27
1005-600-8599	B-1	11	5564102	19205	B-2	2
1005-600-8600	B-1	22	6008599	19205	B-1	11
1005-600-8602	B-1	18	6008600	19205	B-1	22
1095-592-6491	B-2	3	6008602	19205	B-1	18
1095-973-2353	B-2	4	6019023	19205	B-1	26
5305-601-9023	B-1	26	7791466	19205	B-2	3
5315-501-3199	B-1	8	7791527	19205	B-2	4

APPENDIX C

MAINTENANCE ALLOCATION CHART

Section I. INTRODUCTION

C-1. General

The maintenance allocation chart indicates specific maintenance operations performed at proper maintenance levels. Deviation from maintenance operations allocated in the chart is authorized only upon approval of the Commanding Officer.

C-2. Maintenance Functions

The maintenance allocation chart designates overall responsibility for the maintenance function of an end item of assembly. Maintenance functions will be limited to and defined as follows:

INSPECT	To determine serviceability of an item by comparing its physical and mechanical characteristics with established standards.
TEST	To verify serviceability and to detect electrical or mechanical failure by use of test equipment.
SERVICE	To clean, preserve and lubricate.
ADJUST	To rectify to the extent necessary to bring into proper operating range.
ALIGN	To adjust specified variable elements of an item to bring to optimum performance.
CALIBRATE	To determine the corrections to be made in the readings of instruments or test equipment used in precise measurement. Consists of the comparison of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discepancy in the accuracy of the instrument being compared with the certified standard.
INSTALL	To set up for use in an operational environment.
REPLACE	To replace unserviceable items with serviceable assemblies, subassemblies, or parts.
REPAIR	To restore an item to a serviceable condition. This includes, but is not limited to, inspection, cleaning, preserving, adjusting, replacing, welding, riveting, and strengthening.
OVERHAUL	To restore an item to a completely serviceable condition by disassembling the item to determine the condition of each of its component parts and reassembling it using serviceable or new assemblies, subassemblies or parts.
REBUILD	To restore an item to a standard as nearly as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item, inspection of all parts or components, repair or replacement of worn or unserviceable elements (items) using original manufacturing tolerances and specifications, and subsequent reassembly of the item.

C-3. Explanation of Format

Purpose and use of the format are as follows:

a. Column a, Group Number. Lists group numbers, to identify components and assemblies.

b. Column b, Component Assembly Nomenclature. Lists the noun names of groups and assemblies on which maintenance is authorized.

c. Column c, Maintenance Functions. Lists the various categories of maintenance to be performed on the weapon.

d. Use of Codes. Explanation of the use of codes in maintenance function, column c, is as follows:

Code	*Explanation*
C	Operator/Crew
O	Organizational Maintenance
F	Direct Support Maintenance
H	General Support Maintenance
D	Depot Maintenance

e. Column d, Tools and Equipment. This column will be used to specify those tools and test equipment required to perform the designated function.

f. Column e, Remarks. Self-explantory.

Note. Columns not utilized are considered not applicable.

Section II. MAINTENANCE ALLOCATION CHART

PISTOL, CALIBER .45, AUTOMATIC, M1911A1

a Group number	b Functional group	c Maintenance function: Inspect	Test	Service	Adjust	Align	Calibrate	Install	Replace	Repair	Overhaul	Rebuild	d Tools and equipment	e Remarks
	PISTOL, CAL. .45 AUTOMATIC M1911A1	..	F	..	..	..	..	..	..	..	D			
	MAGAZINE CARTRIDGE	C	..	C	..	..	..	C	C					
	STOP, SLIDE	..	..	C	..	..	..	C	F					
	SLIDE GROUP	C	..	C	..	..	..	C	..	O				
	RECEIVER GROUP	C	..	C	..	..	..	..	..	O				

By Order of the Secretary of the Army:

W. C. WESTMORELAND,
General, United States Army,
Chief of Staff.

Official:
KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General.

DISTRIBUTION:

To be distributed in accordance with DA Form 12-40 (qty rqr Block #116) requirements for Organizational maintenance, Pistol, Cal. .45, Automatic M1911A1.

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