

# CHAPTER 3

## OPERATOR AND ORGANIZATIONAL SERVICE AND MAINTENANCE INSTRUCTIONS

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### Section I. SERVICE UPON RECEIPT OF MATERIEL

#### 3-1. General

Refer to table 2-1.

*Table S-1. Service Upon Receipt of Materiel*

<i>Step</i>	<i>Action</i>	<i>Reference</i>
1	Remove shotgun and items from container.	
2	Remove VCI, clean and lubricate.	Paragraph 3-4
3	Inspect for: Missing parts Proper assembly	Figure B-2
4	Function, using once-fired empty round.	Figures 2-2 and 2-3.

*Caution:* Do **not use live ammunition when hand functioning weapon.**

### Section II. REPAIR PARTS, SPECIAL TOOLS AND EQUIPMENT

#### 3-2. Special Tools and Equipment

*a. Operator.* Refer to appendix B, section II.

*b. Organizational.* Refer to appendix B, section V.

#### 3-3. Repair Parts

*a. Operator.* None authorized.

*b. Organizational.* Refer to appendix B, section IV.

### Section III. LUBRICATION INSTRUCTIONS

#### 34. General

*a.* Refer to table 3-2 for cleaning and lubrication materials. Use stock numbers for requisitioning purposes.

*b.* Refer to table 3-3 for usual lubrication instructions.

*c.* Refer to table 3-4 for lubrication instructions for unusual conditions.

*Table 3-2. Materials Required for Maintenance Functions*

<i>FSN</i>	<i>Item</i>
6850-965-2332	CARBON REMOVING COMPOUND: (P-C-111) (5 gal. pail).

<i>FSN</i>	<i>Item</i>
6850-224-6657	CLEANING COMPOUND, RIFLE BORE: small arms bore cleaner, solution (CR) (6 oz can).
5350-221-0872	CLOTH, ABRASIVE : crocus, ferric oxide and quartz, <b>jean</b> -cloth-backing, closed coating, 9 w, 11 lg, <b>50-sh-sleeve</b> (CA).
8010-582-5382	LACQUER: black (jet) lusterless type I, color 37038 (16 oz aerosol can) <b>Spec</b> TT L <b>0050</b> type I nitrocellulose base.
8010-221-0611	LINSEED OIL, RAW: ( <b>TT-L-00215</b> ) (1 gal. can). LUBRICATING OIL, GENERAL PURPOSE : (PL special).

FSN	Item
9150-273-2389	4 oz can.
9150-231-6689	1 qt can.
9150-292-9689	LUBRICATING OIL, WEAPONS: (LAW) for below zero operations (1 qt can).
7920-205-1711	RAG, WIPING: cotton for general purpose use (50 lb bale).
8030-081-2341	SEALING COMPOUND :150/375 in-lb locking torque 10-15 viscosity, gun color MIL-S-22473 Grade AA (10-CC bottle).

**Table 3-3. Lubrication Instructions for Usual Conditions**

Step	Procedure
	<b>Note.</b> Shotgun will ONLY be disassembled for cleaning and lubrication into major groups and assemblies when a THOROUGH INSPECTION indicates the weapon is dirty and contaminated and that functioning of the weapon would be impaired.
1	Clean bore and locking lug area of the barrel assembly and other powder-fouled surfaces with rifle bore cleaning compound (CR). Remove all foreign matter.
2	Thoroughly dry bore and chamber, including the locking lug area.
3	Lightly oil bore, barrel extension, and external surfaces of the weapon, using general purpose lubricating oil (PL special).
	<b>Note.</b> For general cleaning procedures, refer to TM 9-208-1 and TM 9-247.
4	All components affected by powder fouling will be cleaned with carbon removing compound (P-C-111).
	<b>Warning:</b> Avoid skin contact. <b>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 compound, is helpful. The use of gloves and protective equipment is recommended.</b>
5	<b>Wipe</b> or blow dry and oil with general purpose lubricating oil.
6	Thereafter, clean and oil as required.
7	Wipe wooden components with slightly oiled rag. Remove surplus oil with a dry cloth. Apply a light coat of linseed oil and rub into wood with heel of hand.
	<b>Note.</b> With patch and cleaning rod, remove oil from bore and chamber of barrel assembly before firing.

**Table 3-4. Lubrication Instructions for Unusual Conditions**

Type Of Climate	Procedure
	<b>Note.</b> Reduce lubrication intervals to less than daily, if inspection indicates rust or corrosion.
Extreme cold (below 0°F.)	Lubricate with weapons lubricating oil (LAW). Keep weapon protected as much as possible. <b>Note.</b> Make certain all components are dry and free from condensation before applying lubrication. Also refer to TM 11-20i.
Hot and humid	Inspect shotgun frequently for rust. Lightly oil with general purpose lubricating oil (PL special). If exposed to salt air, high humidity or moisture, more frequent cleaning and oiling will be required to protect components. <b>Note.</b> Weapons which are intended for infrequent firing, or are placed in arms rooms for safekeeping for prolonged periods, will have a film of general purpose lubricating oil (PL special) applied to the internal and external groups immediately after inspection and cleaning. Special attention should be given to bore, chamber, and locking lug area.
Hot and dry	Clean shotgun daily (or as required). In sandy or dusty areas, wipe weapon free of oil to prevent sand and dust from collecting on the outside and working components. <b>Note.</b> Protect weapon from water while fording, if possible.
Immersion in water.	During deep fording, it is possible for the weapon to become completely submerged. If this occurs, eject the round from the chamber to allow water to run from the bore. Normally, if the round is left in the chamber, it will form a vacuum and will not allow the water to drain freely. If the above condition occurs, the weapon should be wiped dry as soon as possible. If inspection reveals rust or corrosion is evident, the weapon should be turned in to organizational maintenance for complete cleaning and lubrication of all components.

## Section IV. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

### 3-5. General

#### a. Refer to table 3-5.

**b. All deficiencies, shortcomings, and corrective action taken will be recorded on DA Form 2407 at the earliest opportunity.**

Table 3-5. Preventive Maintenance Checks and Services

Item No.	Interval					Item to be inspected	Procedure	Reference			
	Operator				Org.				B--before operation D--during operation	A--after operation W--weekly	M--monthly
	Daily								B	D	A
							<b>Warning: Before starting inspection, make certain that weapon is cleared. Inspect the chamber and magazine tube to insure that both are empty. Determine that no ammunition is in position to be introduced.</b>				
							<b>Note.</b> Weekly and monthly inspections apply only if weapon is used drily.				
1			X	X	X	Shotgun	Clean and lubricate	Tables 3-3, 34			
2	X		X	X	X		Actuate controls	Figure 2-1			
3	X		X	X	X		Check for missing parts, proper assembly of weapon and if major groups and assemblies are properly secured.	Table 3-1 and fig. B-2			
4	X		X	X	X	Gun Shoulder Stock Group	Determine that sling is secured to gun shoulder stock group and bayonet band assembly. Stock cannot be cracked or loose. Structural strength must not be impaired.	Figure 6-2 Figure 5-1			
5	X		X	X	X	Magazine Cap	Check for burrs, stripped threads, and if properly secured to magazine tube.	Figure 3-1			
6	X		X	X	X	Barrel and Bayonet Band Assembly	Bayonet band assembly must be secured to barrel assembly. Check for unusual pits or damage to bore of barrel assembly. Assure that bore is dry and free of obstructions before firing.	Figure 3-2			
7	X		X	X	X	Trigger Guard Pin	Check for burrs and if bent or loose	Figure 5-3			
8	X		X	X	X	Trigger Guard Group	Check hammer, safety and trigger for proper operation. Actuate disconnecter assembly for proper functioning. Check left hand and right hand slide arm support for being bent or other damage. Check carrier assembly for freedom of movement.	Figures 5-7, 5-8 and 5-9			
9	X		X	X	X	Slide Arm Bridge Retaining Screw.	Check for stripped threads and damaged screw slot. Determine that slide arm bridge is secured to bolt slide.	Figure 5-4			
10	X		X	X	X	Fore End Group	Check for proper functioning and cracks in fore end. Structural strength must not be impaired. Check slide arm extensions for excessive wear, burrs or being bent. Slide arm extension cap must be secure to the slide arm extension. Check assembly slots on cap for burrs.	Figure 5-10			
11	X		X	X	X	Breech Bolt Group	Cam pin must be free of burrs. Breech bolt must have free movement in camways of receiver. Check protrusion of firing pin. Check extractor claw for damage. Check component for visible rust or corrosion.	Figures 5-11, 5-12			
12	X		X	X	X	Ejector	Check for burrs or being bent. Test weapon with dummy round or once-fired empty round to insure proper ejection of cartridge. Check ejector support pin for being secure in receiver and if damaged.	Figures 5-5, 5-6			

13	X		X	X	X	Receiver and Magazine Group.. Magazine tube should be secured to the receiver. Check tube for dents, burrs or damage which will restrict the cartridge. Check helical compression spring (magazine) for kinks, and magazine follower for being broken or burred. Check for rust and corrosion in components.	Figure 5-13
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## Section V. TROUBLESHOOTING

### 3-6. General

Refer to table 3-6.

*Table 3-6. Troubleshooting*

Malfunction	Probable cause	Corrective action
Failure <b>to</b> fire	Failure to load	<i>Note.</i> <b>For corrective action of malfunctions not listed in this table, refer to direct support personnel.</b> Pump shell into chamber.
	Empty magazine	Load magazine (step 2, fig. 2-2).
	Faulty ammunition	Pump out defective shell and use other ammunition.
	Foreign matter in firing pin aperture of cam pin, bolt or bolt slide.	Clean applicable items (4, 8, or 9, fig. B-4 and table 3-3).
	Operator fails to disengage safety. Foreign matter in safety aperture in trigger.	Disengage safety (step 1, fig. 2-3). Clean trigger (16, fig. B-3 and table 3-3).
	Failure to move bolt slide fully forward.	Push fore end forward (step 3, fig. 2-2).
Failure <b>to</b> load or feed	<b>Obstruction</b> in the chamber	Clean receiver (table 3-3).
	Defective carrier assembly	Notify direct support maintenance.
	Foreign matter in RH or LH slide arm supports <i>or</i> magazine tube.	Clean applicable items (2, 3, fig. B-3 and 28, fig. B-2).
Failure to function correctly	Foreign matter in bolt, bolt slide or safety well of trigger guard.	Clean applicable items or area (8, 9, fig. B-4 and 18, fig. B-3).

## Section VI. MAINTENANCE PROCEDURES

### 3-7. Removal/Installation of Major Components

a. **Operator. Field stripping of weapon into major groups and assemblies is not authorized.**

b. **Organizational. Refer to table 3-7.**

### 3-8. Disassembly/Assembly of Major Components

a. **Operator. None authorized.**

b. **Organizational. Refer to table 3-7.**

Note. White arrows shown on illustrations indicate disassembly, black arrows indicate assembly.

### 3-9. Cleaning, inspection and Repair

a. **Cleaning instructions. Refer to table 3-3.**

b. **Inspection. Refer to tables 3-5 and 3-7.**

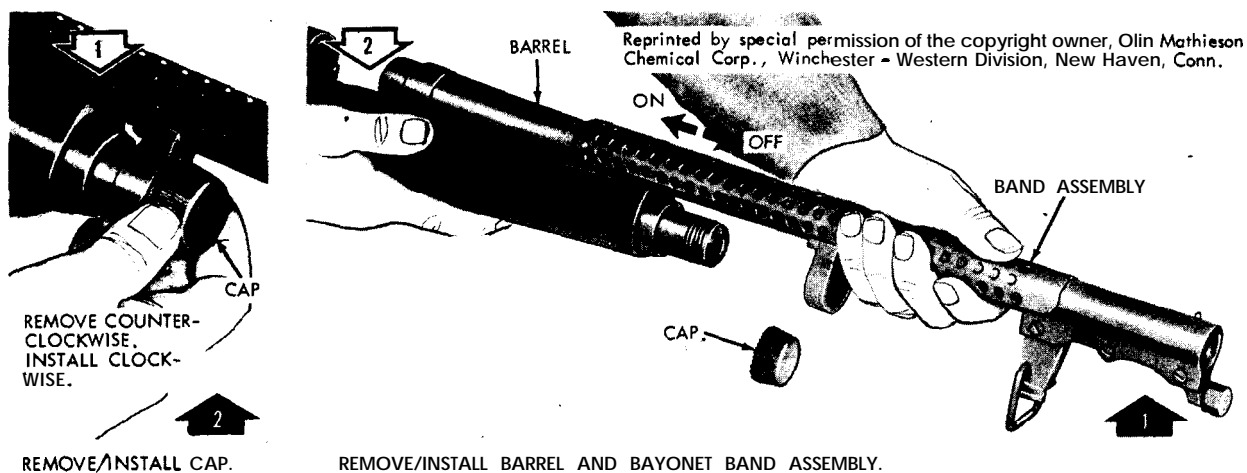
c. **Repair.**

(1) **Replace- bayonet band screws or bayonet band assembly if damaged or unserviceable.**

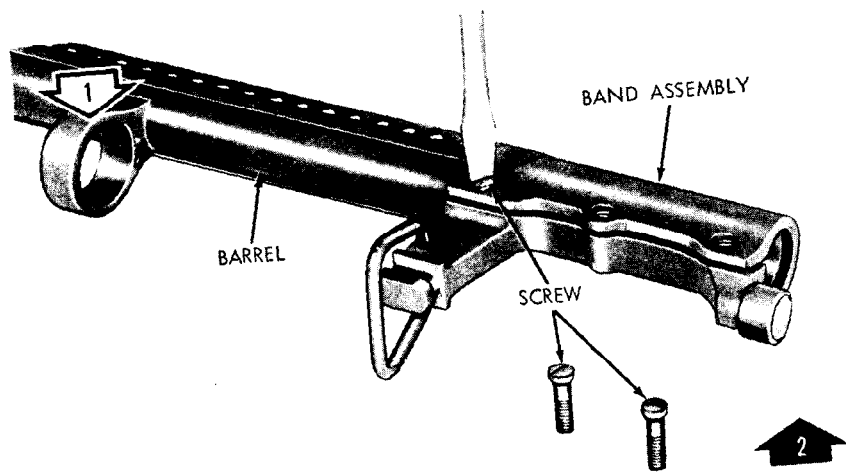
(2) **No other repair parts are authorized for organizational maintenance. If necessary, evacuate shotgun to direct support maintenance personnel.**

**Table 3-7. Operator and Organizational Maintenance Guide for Winchester Shotgun, Model 1200**

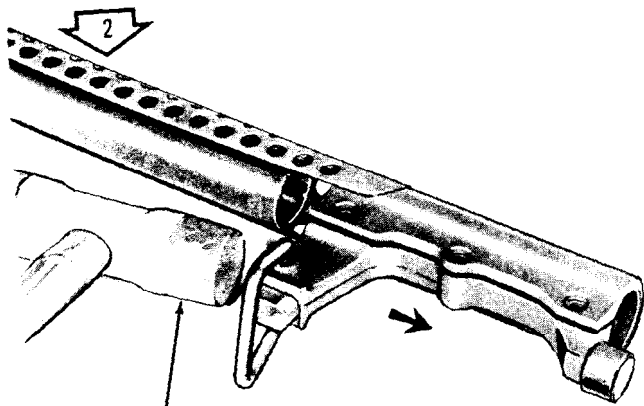
Group of assembly	Removal/installation	Disassembly assembly	Cleaning, inspection and repair	Figure No.
Shotgun .....			CLEANING Refer to paragraph 3-4.	
Shotgun ... ..			INSPECTION Visually inspect the components for wear, cracks, dents and damage. Make certain all parts are properly installed and in working condition.	B-2 thru B-4
S h o t g u n .....			REPAIR Remove all traces of rust or scarred areas from finished surfaces with cloth, moistened with light oil.	
Gun shoulder stock group			Tables 3-3 thru 3-6. <b>Note.</b> Stock group will not be removed from receiver and magazine group.	
Barrel and bayonet band assembly.	Figures 3-1 and 3-2.		Paragraph 3-9c. Remove burs on barrel assembly by stoning (Organizational maintenance only).	
Trigger guard group	16, figure B-2,		Tables 3-3 thru 3-5.	
Fore end group ..	18, figure B-2.		Tables 3-3 thru 3-5. <b>Note.</b> Fore end group will not be removed from receiver and magazine group.	
Breech bolt group .	22, figure B-2.	.....	Tables 3-3 thru 3-5.	
Receiver and magazine group.	28, figure B-2.		Tables 3-3 thru 3-6.	



**Figure 3-1. Removal/installation of barrel and bayonet band assembly.**

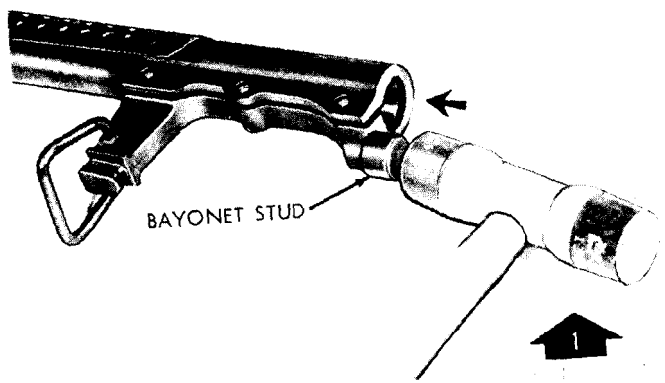


REMOVE/INSTALL SCREWS.



PLASTIC HAMMER

REMOVE BAYONET BAND ASSEMBLY.



INSTALL BAYONET BAND ASSEMBLY.

WE 60053

Figure Y-2. Removal/installation of bayonet band assembly.

## CHAPTER 4

### DIRECT AND GENERAL SUPPORT MAINTENANCE INSTRUCTIONS

#### Section I. REPAIR PARTS, SPECIAL TOOLS AND EQUIPMENT

#### 4-1. Special Tools and Equipment

Refer to appendix B.

#### 4-3. Improvised Tools and Equipment

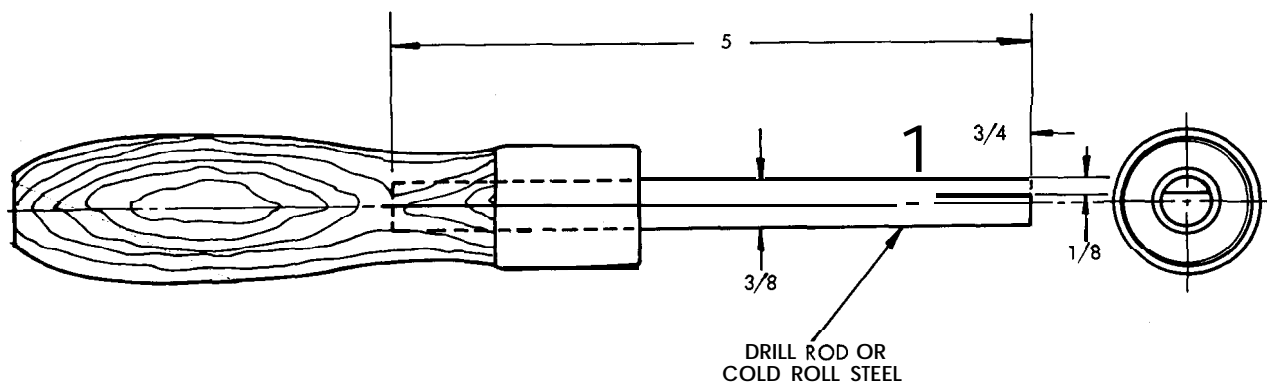
Refer to table 4-1.

#### 4-2. **Maintenance** Repair Parts

Refer to appendix B.

*Table 4-1. Improvised Tools*

Item	Reference	Required for
TOOL, assembling cam pin ..	Figures 4-1 and 5-12 ..	To assemble cam pin to breech bolt and bolt slide.
TOOL, disassembling and assembling slide arm extension cap.	Figures 4-2 and 5-10	To disassemble and assemble slide arm extension cap to front end of slide arm extension assembly.



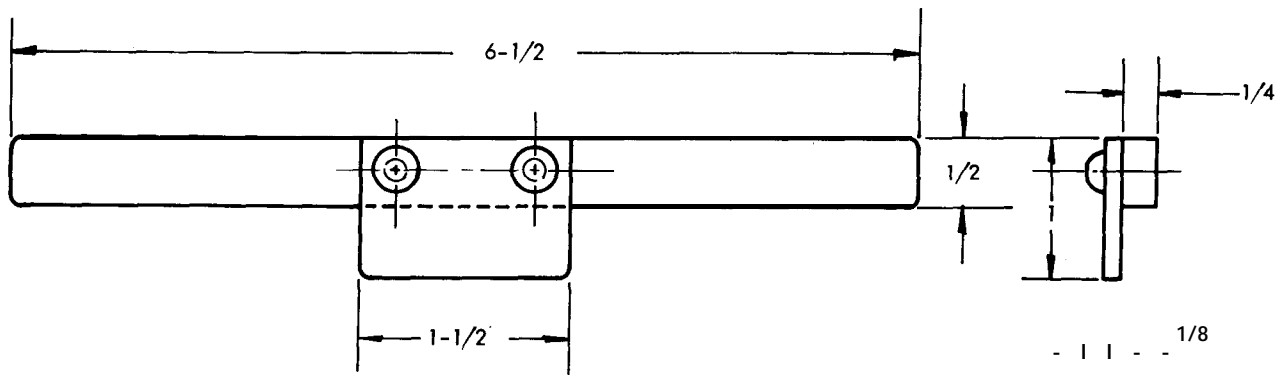
NOTE: ALL DIMENSIONS SHOWN  
ARE IN INCHES.

WE 60216

*Figure 4-1. Improvised tool for assembling cam pin.*



BODY: 6-1/2 LONG BY 1/4 THICK COLD ROLL STEEL.  
 BLADE: 1 INCH BY 1/8 X 1-1/2 TOOL STEEL, FLAT STOCK.  
 RIVETS: 3/16 BY 1/2 LONG.



NOTE: ALL DIMENSIONS SHOWN  
 ARE IN INCHES.

WE 60215

Figure 4-2. Improvised tool for disassembling and assembling slide arm extension cap.

## Section II. TROUBLESHOOTING

### 4-4. General

Troubleshooting malfunctions, probable causes,

and corrective actions for the 12 Gage, Shotgun, Riot Type, Winchester, Model 1200 are listed in table 4-2.

Table 4-2. Troubleshooting

Malfunction	Probable cause	Corrective action
Failure to fire	<p><b>Failure to feed</b></p> <p>Short or broken firing pin . . .</p> <p>Foreign matter in firing pin aperture in bolt.</p> <p>Broken hammer</p> <p>Bent or damaged helical torsion spring (hammer).</p> <p>Burred or broken trigger spring</p> <p><b>Note. Trigger spring is a component of sear bracket assembly.</b></p> <p>Broken sear</p> <p>Broken <b>trigger</b></p> <p>Foreign matter in sear notch of hammer.</p> <p>Burred trigger guard or foreign <b>mat in</b> safety well.</p> <p>Damaged disconnecter assembly or helical torsion spring (disconnecter).</p>	<p>Repair magazine tube (28, fig. B-2). If unserviceable, turn in weapon for replacement.</p> <p>Replace (2, fig. B-4).</p> <p><b>Clean</b> aperture in bolt and bolt slide (8, 9, fig. B-4).</p> <p>Replace (13, fig. B-3).</p> <p>Replace (12, fig. B-3).</p> <p>Remove burs or replace sear bracket assembly (9, fig. B-3).</p> <p>Replace sear bracket assembly (9, fig. B-3).</p> <p>Replace (16, fig. B-3).</p> <p>Clean sear notch on hammer (table 3-3 and 13, fig. B-3).</p> <p>Repair <b>trigger</b> guard or clean safety well (18, fig. B-3 and table 3-3).</p> <p>Replace, 7, 8, fig. B-3).</p>

Table 4-2. *Troubleshooting—Continued*

Malfunction	Probable cause	Corrective action
Failure to extract or eject	Worn, burred or broken extractor Bent or broken helical compression spring (extractor).	Replace (7, fig. B-4). Replace (6, fig. B-4).
Failure to load or feed	Burred or bent ejector Broken or bent carrier assembly Corroded magazine follower  Damaged magazine tube Broken or kinked helical compression spring (magazine).	Repair or replace (24, fig. B-2). Replace (4, fig. B-3). Clean (table 3-3) or replace magazine follower (27, <b>fig.</b> B-2). Turn in weapon for replacement. Replace (26, fig. B-2).
Double feeding	Burred or broken LH or RH slide arm supports. <b>Note. Cartridge stop and cut off are components of above items.</b> Foreign matter under LH and RH slide arm supports.	Clean magazine tube (28, fig. B-2). Replace (2, 3, fig. B-3).  Clean (table 3-3) (2, 3, fig. B-3).
Failure to function correctly	Damaged disconnecter assembly Burs or foreign matter in bolt slide and bolt. Broken or bent disconnecter or helical torsion spring (disconnecter). Burred or bent slide arms  <b>Note. Slide arms are components of slide arm extension assembly.</b> Broken or burred cam pin Weak or damaged firing pin Safety sticks Burred safety Damaged hammer housing	Replace (7, fig. B-3). Repair (8, 9, fig. B-4) or clean (table 3-3). Replace (7, 8, <b>fig.</b> B-3). Repair or replace slide arm extension (21, <b>fig.</b> B-2).  Repair or replace (4, fig. B-4). Replace (2, fig. B-4). Repair (14, fig. B-3). Repair (14, fig. B-3). Replace (17, fig. B-3).

### Section III. INSPECTION

#### 4-5. General

Refer to **TB 9-1000-247-35**.

## CHAPTER 5

### REPAIR INSTRUCTIONS

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#### Section I. GENERAL MAINTENANCE

##### 5-1. General

This section provides instructions on general maintenance procedures.

##### 5-2. General Repair Methods

###### **a. Disassembly and Assembly Procedures.**

(1) In disassembling the shotgun, remove the major groups and assemblies whenever possible. Refer to figure B-2 and paragraph 1-3b. Groups and assemblies may be disassembled, as necessary, into individual parts.

(2) Complete disassembly of a unit is not always necessary in order to make a required repair or replacement. Good judgment should be exercised to keep disassembly and assembly operations to a minimum.

(3) During assembly, assemblies and groups should be assembled first, then installed to form a complete unit. Lubricate frictional (sliding) surfaces before assembly.

###### **b. Replacement of Parts.**

(1) Parts will be replaced, when unserviceable.

(2) If screws and washer are damaged, they will be replaced.

(3) All springs should be replaced if they are broken, deformed, fail to function properly, or fail to meet specific requirements.

##### **5-3. Cleaning and lubrication**

**a. Cleaning.** Refer to figures 5-14 thru 5-16.

**b. Lubrication.** Prior to assembly of major groups and assemblies, all components will be lubricated in accordance with table 3-3.

##### **5-4. Finished Surfaces**

a. All metal surfaces subjected to wear and abrasions and which reflect light or will be subject to rust or erosion, will be treated with black lacquer.

b. All surfaces must be clean and dry prior to spraying. Allow two hours for lacquer to dry.

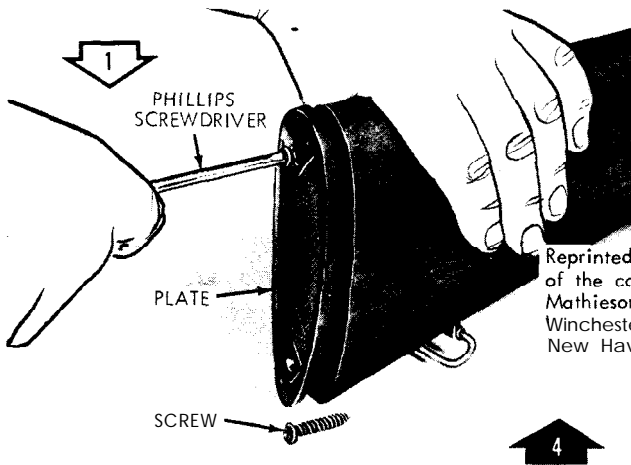
#### Section II. MAINTENANCE OF SHOTGUN

##### S-5. Specific

Refer to table 5- 1.

Table 5-1. Guide to Maintenance Function of Shotgun

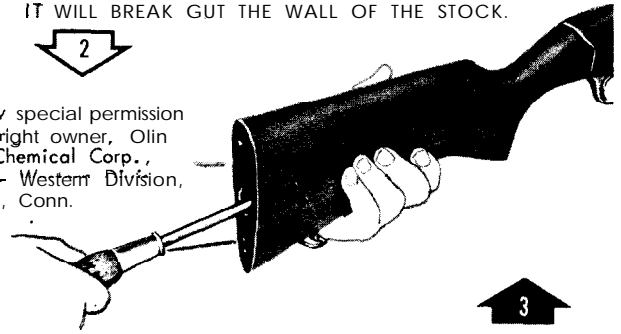
Item	Removal/installation	Disassembly/assembly	Cleaning, inspection and repair
<p>Gun shoulder stock group                      Magazine cap ... ..                      Barrel and bayonet band assembly                      Trigger guard group ..</p>	<p>Figure 5-1 .....                      Figure 3 - 1 .....                      Figure 3-1 .....                      Figures 5-3 and B-2 .....</p>	<p><i>Note.</i> All pins should be removed from left to right installed right to left when applicable.</p> <p>Figure B-2 .....                      Figure B-2 .....                      Figures 3-2 and 5-2 .....                      Figures 5-7, 5-8, and 5-9 .....</p> <p><i>Note.</i> To assemble disconnecter spring, turn spring upright so tail of spring is engaged in its proper position in trigger guard pin hole slot. Turn disconnecter to upright position and slide front of spring under ledge on disconnecter. Compress front of disconnecter downward until disconnecter button is in line with slot in trigger guard. Hold in this position and push inward until disconnecter pin engages hole in opposite side of sear bracket and hammer housing.</p>	<p>Refer to figures 5-14 thru 5-16 for cleaning instructions.</p> <p>Repair (para 5-2)                      Repair (para 62)                      Repair (para 5-2)                      Repair (para 5-2)</p> <p><i>Note.</i> If new trigger assembly is installed, it must be adjusted to fit as follows:</p> <p>a. With the safety in safe position and trigger pulled, check the trigger through trigger stop pin hole with 0.252040005 diameter pin.</p> <p>b. With the safety in safe position and trigger pulled, adjust trigger adjustment screw within 0.003-0.005 of sear. Break off end of screw end apply sealing compound.</p>
<p>Fore end group</p>	<p>Figure 5-4 .....  <i>Note.</i> When barrel and bayonet band assembly have been removed do not slam the fore end forward or pull the trigger allowing hammer to fall. This may jar the action, making necessary the removal of trigger guard end the recocking of the hammer by hand.</p>	<p>Figure 5-10 .....</p>	<p>Repair (para 5-2)</p>
<p>Breech bolt group ...                      Receiver and magazine group</p>	<p>Figure 5-4 .....</p>	<p>Figure 5-11, 5-12 .....                      Figures 5-5, 5-6 and 5-13 .....  <i>Note.</i> When breech bolt group is removed, the ejector will fall free of the support pin in the receiver.</p>	<p>Repair (para 5-2)</p>



REMOVE/INSTALL BUTT PLATE SCREWS AND BUTT PLATE.

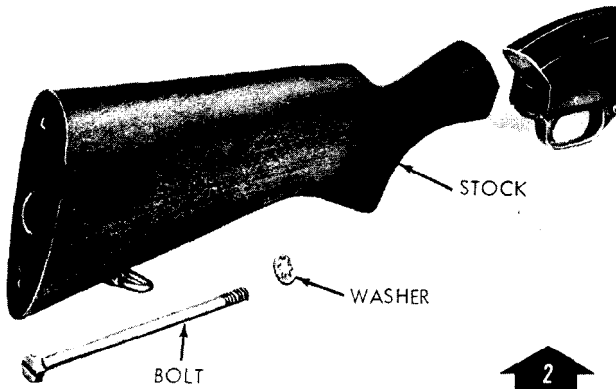
CAUTION: IF SCREWDRIVER IS USED, CARE MUST BE TAKEN TO INSURE THAT SCREWDRIVER IS IN SLOT IN BOLT AND NOT BETWEEN HEAD OF BOLT AND WALL OF STOCK. IF PRESSURE IS APPLIED TO SCREWDRIVER WHEN IN LATTER POSITION, IT WILL BREAK GUT THE WALL OF THE STOCK.

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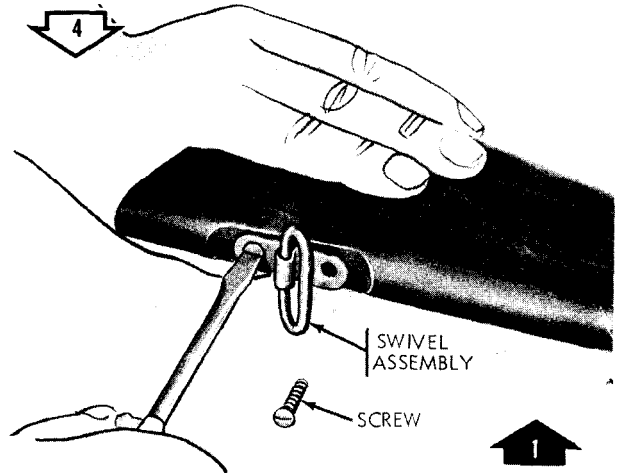


REMOVE/INSTALL MACHINE BOLT AND LOCK WASHER.

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REMOVE/INSTALL STOCK WITH SWIVEL ASSEMBLY.



REMOVE/INSTALL SCREWS AND SWIVEL ASSEMBLY.

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Figure 5-1. Removal/installation of gun shoulder stock.

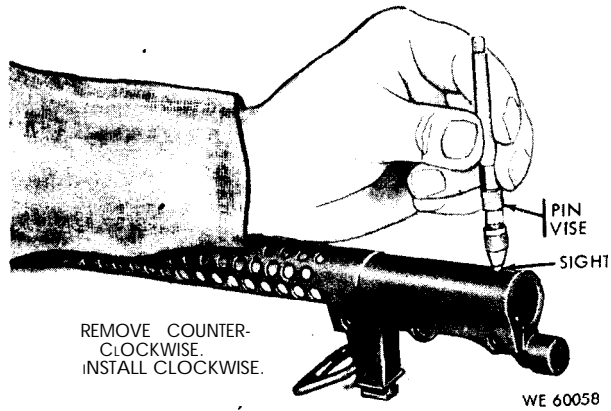
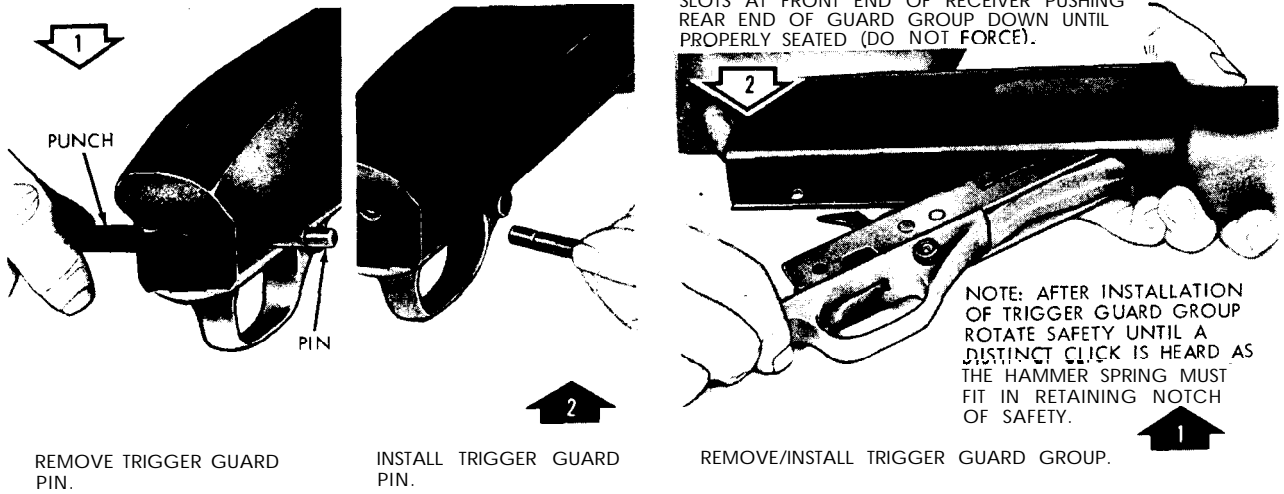


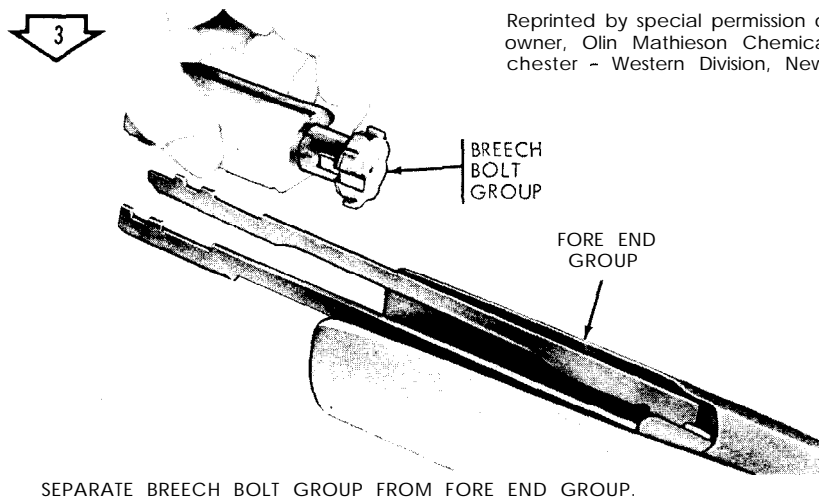
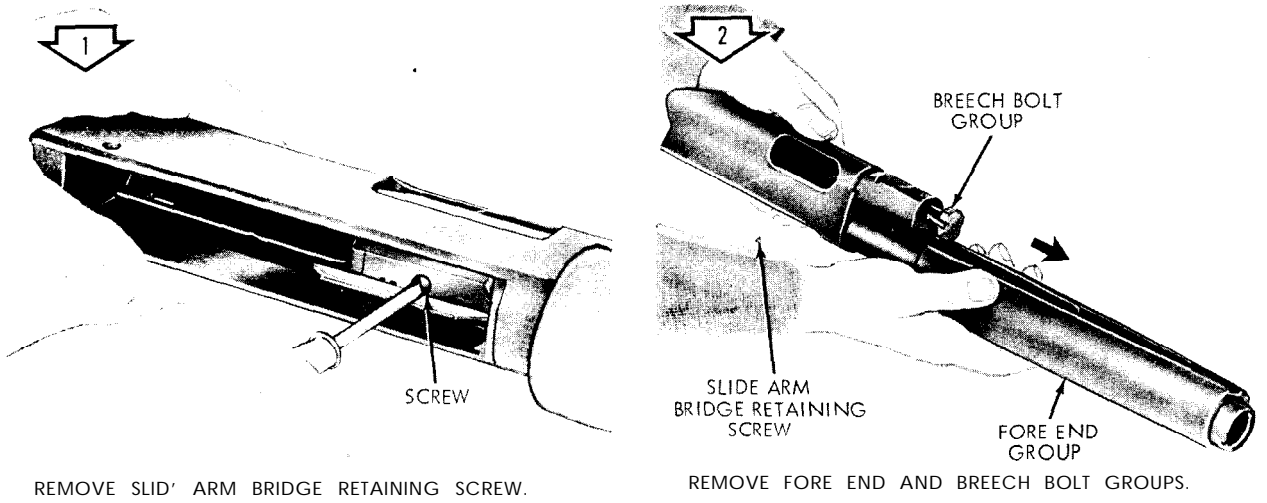
Figure 5-2. Removal/installation of front sight.

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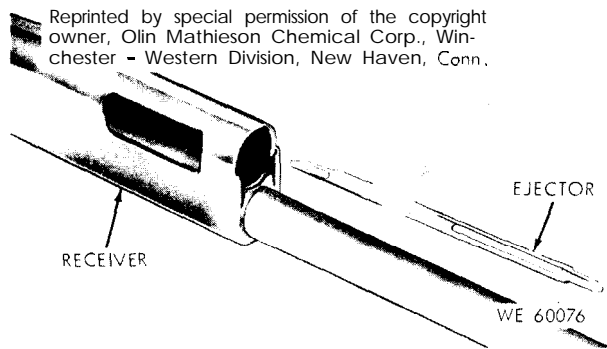
Figure 5-3. Removal/installation of trigger guard group.



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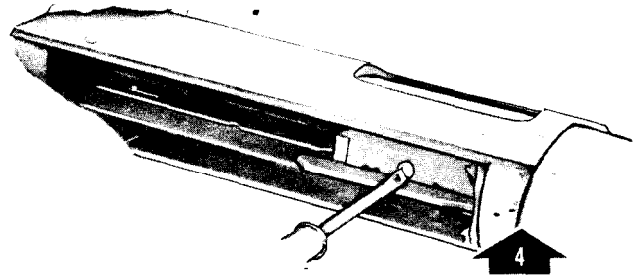
Figure 5-4. Removal/installation of fore end and breech bolt groups.



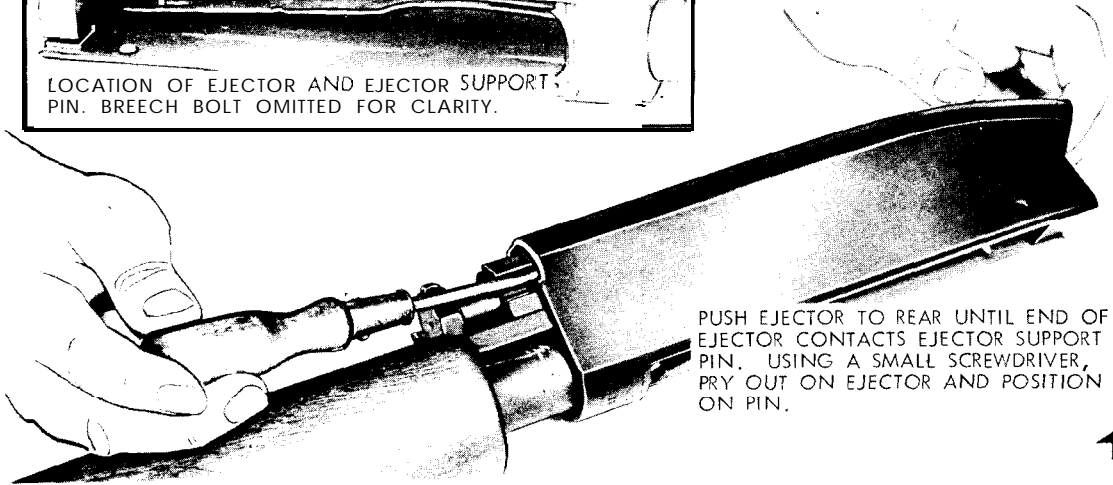
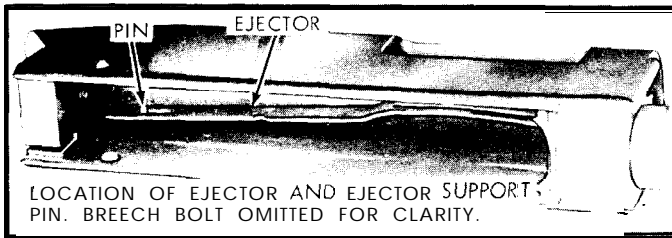
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Figure 5-5. Remove ejector.

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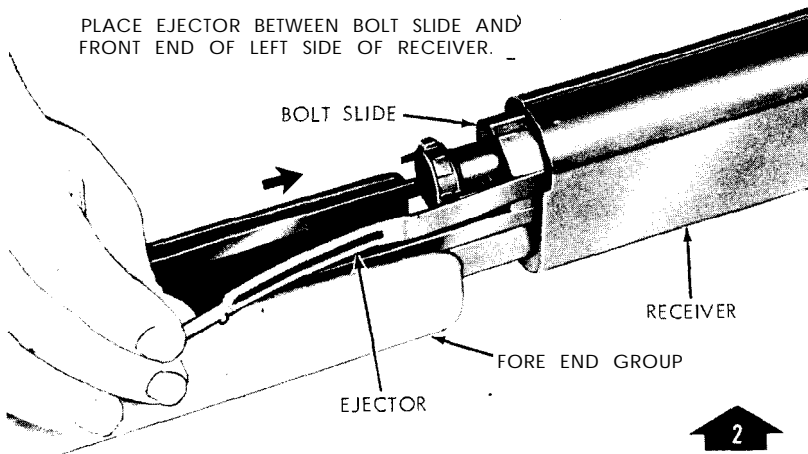
INSTALL SLIDE ARM RETAINING SCREW.



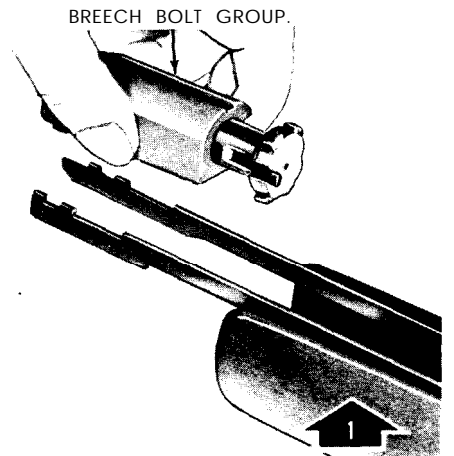
PUSH EJECTOR TO REAR UNTIL END OF EJECTOR CONTACTS EJECTOR SUPPORT PIN. USING A SMALL SCREWDRIVER, PRY OUT ON EJECTOR AND POSITION ON PIN.

SEAT EJECTOR ON EJECTOR SUPPORT PIN.

PLACE EJECTOR BETWEEN BOLT SLIDE AND FRONT END OF LEFT SIDE OF RECEIVER.



INSTALL BREECH BOLT AND FORE END GROUPS AND EJECTOR IN RECEIVER.

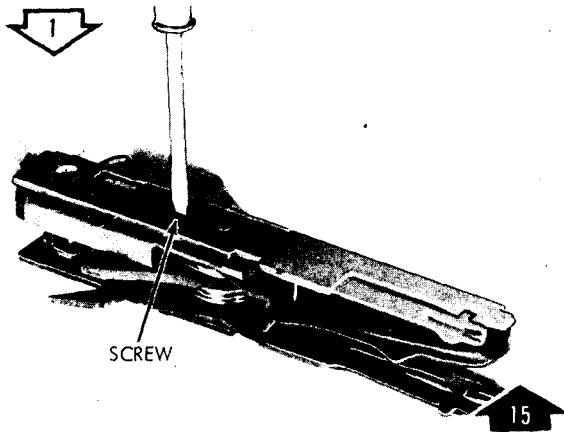


INSTALL BREECH BOLT GROUP ON FORE END GROUP.

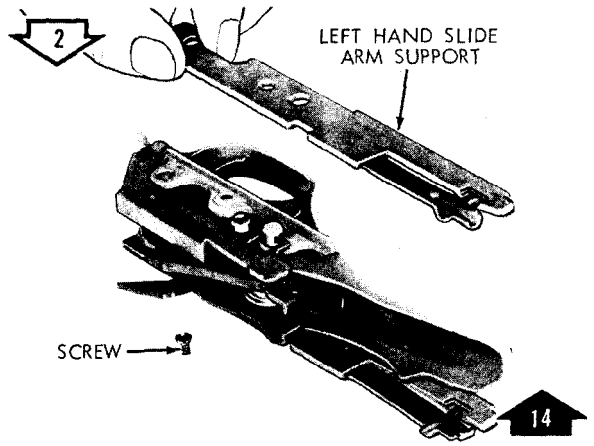
WE 60061

Figure 5-6. Install breech bolt group, ejector and slide arm bridge retaining screw.



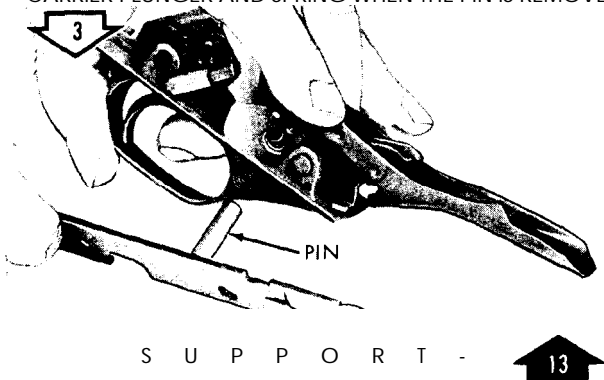


REMOVE/INSTALL TRIGGER STOP PIN SCREW.

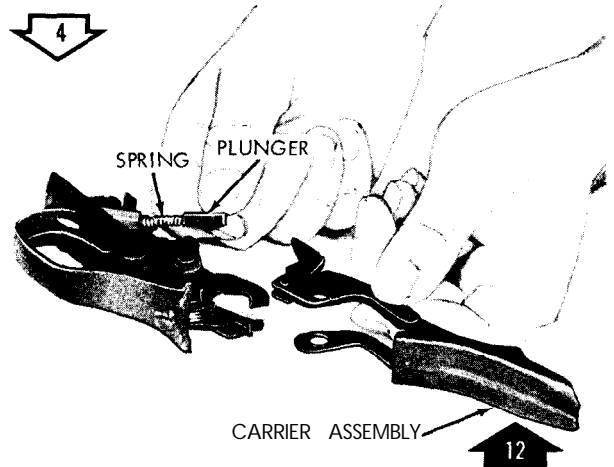


REMOVE/INSTALL LEFT HAND SLIDE ARM SUPPORT.

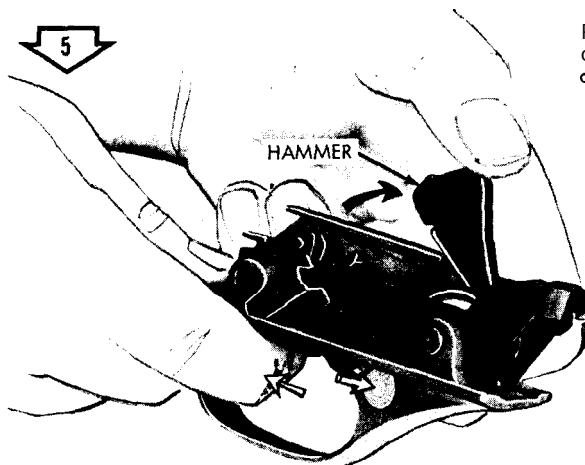
CAUTION: THE CARRIER PIN IS A COMPONENT OF RH SLIDE ARM SUPPORT. WHEN REMOVING SUPPORT, PLACE THUMB OR FINGER OVER CARRIER ASSEMBLY TO PREVENT LOSS OF CARRIER PLUNGER AND SPRING WHEN THE PIN IS REMOVED.



REMOVE/INSTALL RIGHT HAND SLIDE ARM SUPPORT.



REMOVE/INSTALL CARRIER ASSEMBLY, CARRIER PAWL PLUNGER AND HELICAL COMPRESSION SPRING (CARRIER).



RELEASE HAMMER.

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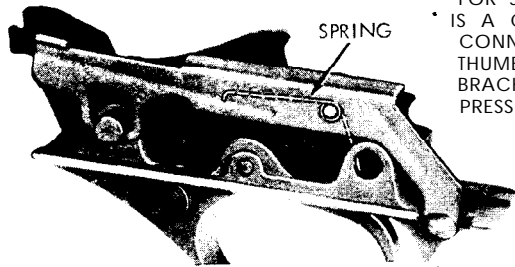
1. PUSH SAFETY TO "OFF" (UNLOCKED) POSITION.
2. PULL TRIGGER.

NOTE: HOLD HAMMER WITH THUMB AND SLOWLY RELEASE SPRING PRESSURE WHEN TRIGGER IS PULLED.

WE 60065

Figure 5-7. Disassembly/assembly of trigger guard group (1 of 3).

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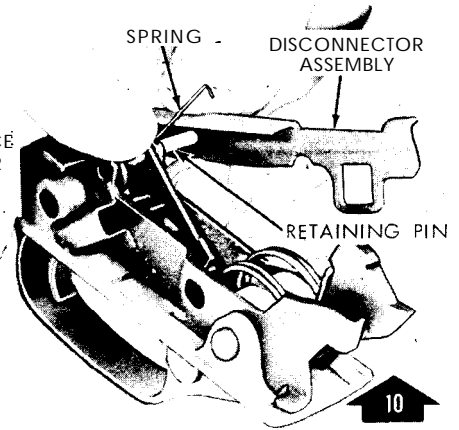


NOTE: DOTTED LINE SHOWS PROPER POSITION OF DISCONNECTER SPRING AT ASSEMBLY.

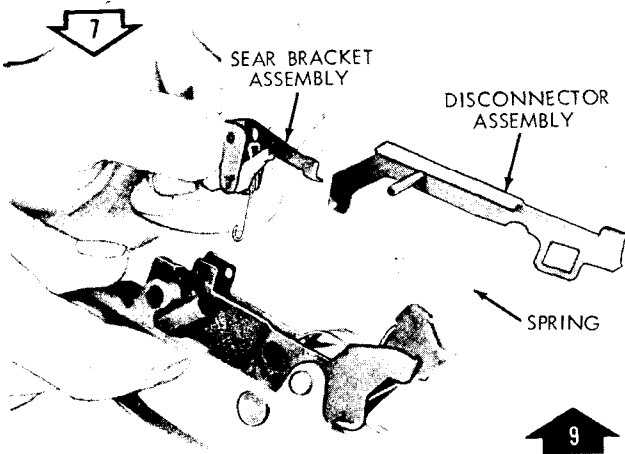
LOCATION OF DISCONNECTER AND SPRING.

6

NOTE: THE RETAINING PIN FOR SEAR BRACKET ASSEMBLY IS A COMPONENT OF DISCONNECTER ASSEMBLY. PLACE THUMB OR FINGER OVER SEAR BRACKET AS IT IS UNDER PRESSURE OF TRIGGER SPRING.

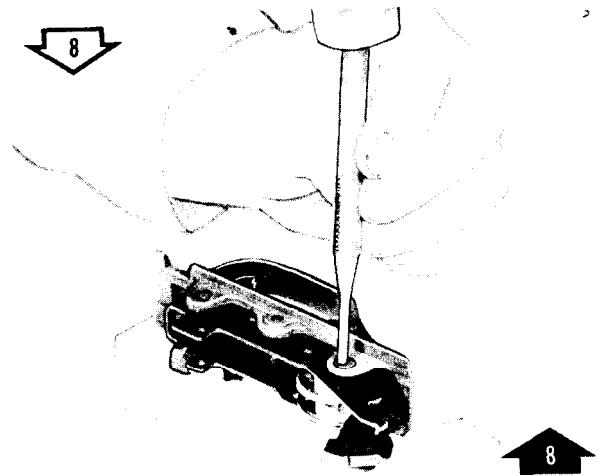


REMOVE/INSTALL DISCONNECTER ASSEMBLY AND HELICAL TORSION SPRING (DISCONNECTOR).

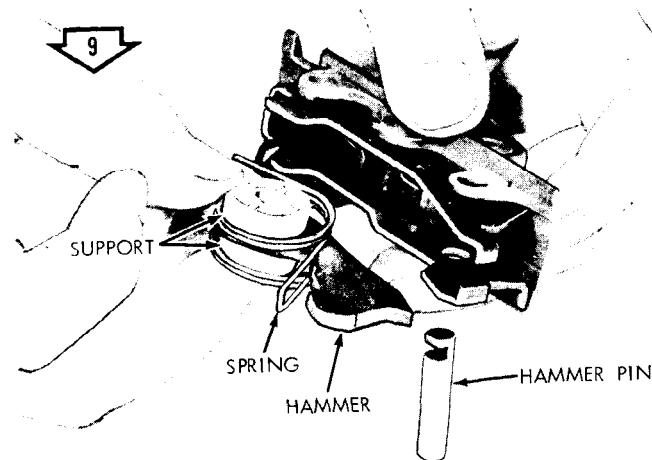


REMOVE/INSTALL SEAR BRACKET ASSEMBLY.

8



REMOVE/INSTALL HAMMER PIN.



REMOVE/INSTALL HAMMER GROUP.

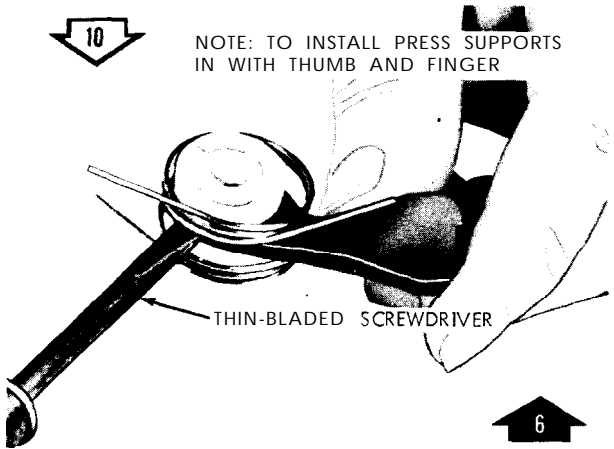
NOTE: WHEN ASSEMBLING HAMMER PIN, HAMMER SPRING SUPPORTS AND HAMMER, NOTE THAT THESE COMPONENTS EACH CONTAIN A FLAT CUT, AND MUST BE IN PROPER ALINEMENT WITH HAMMER HOUSING AT TIME OF ASSEMBLY.

DO NOT DRIVE HAMMER PIN FLUSH WITH THE HOUSING. IT MUST PROTRUDE APPROXIMATELY 1/8 INCH TO ALLOW PROPER FUNCTIONING OF DISCONNECTOR.

7

WE 60066

Figure 5-8. *Disassembly/assembly Of trigger guard group (2 of 3).*

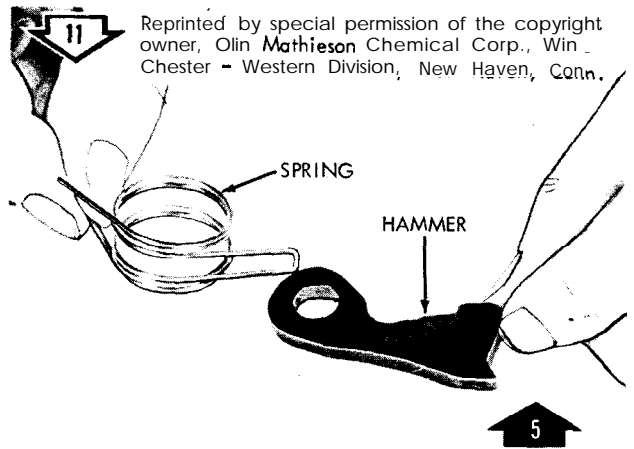


NOTE: TO INSTALL PRESS SUPPORTS IN WITH THUMB AND FINGER

THIN-BLADED SCREWDRIVER

6

REMOVE/INSTALL HAMMER SPRING SUPPORTS.



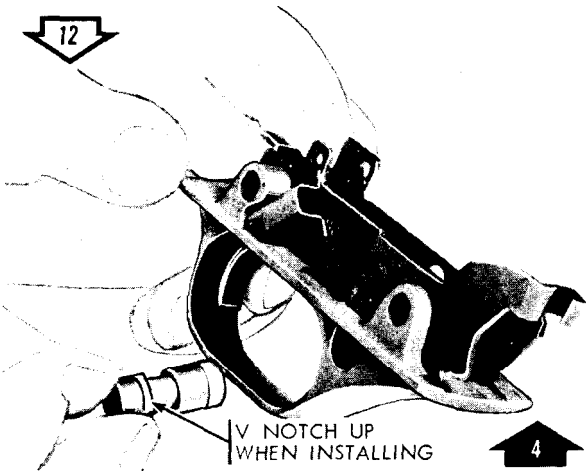
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SPRING

HAMMER

5

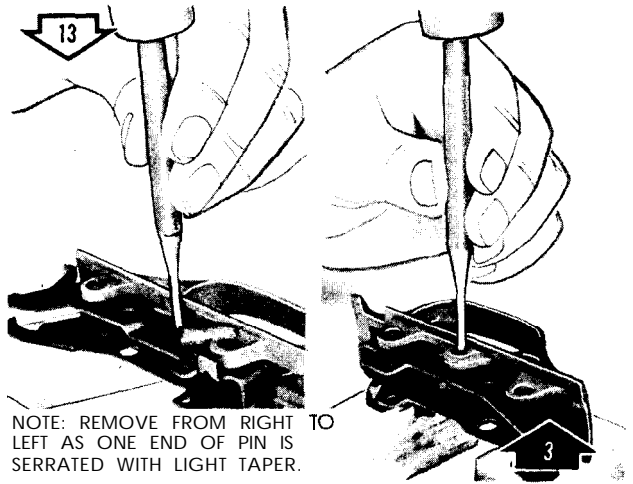
SEPARATE/ASSEMBLE HAMMER AND HELICAL TORSION SPRING.



V NOTCH UP WHEN INSTALLING

4

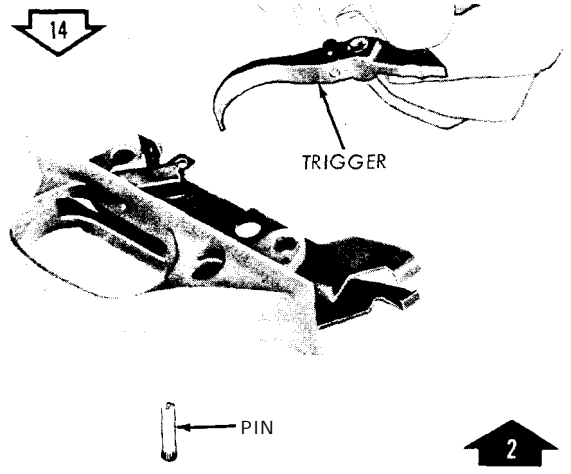
REMOVE/INSTALL SAFETY



NOTE: REMOVE FROM RIGHT TO LEFT AS ONE END OF PIN IS SERRATED WITH LIGHT TAPER.

3

REMOVE/INSTALL TRIGGER PIN.

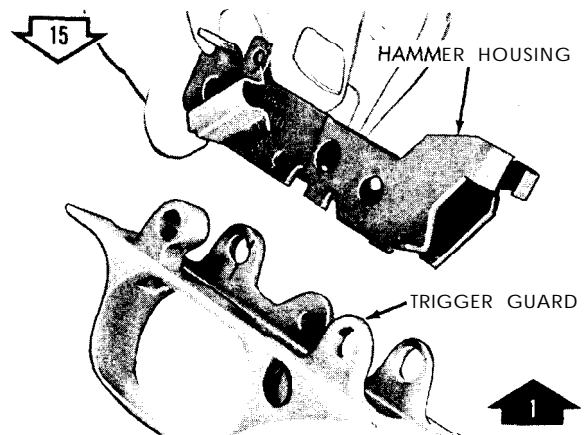


TRIGGER

PIN

2

REMOVE/INSTALL TRIGGER.



HAMMER HOUSING

TRIGGER GUARD

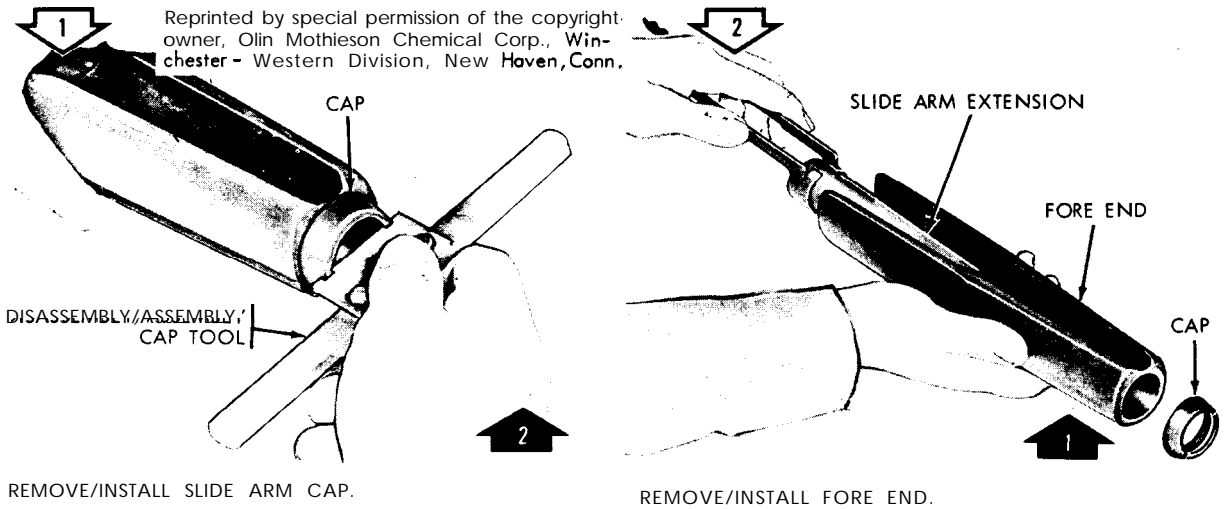
1

NOTE: IT MAY BE NECESSARY TO USE SOME FORCE WHEN REMOVING HOUSING. PULL UP AND OUT FROM TRIGGER GUARD. DO NOT PRY.

REMOVE/INSTALL HAMMER HOUSING.

WE 60068

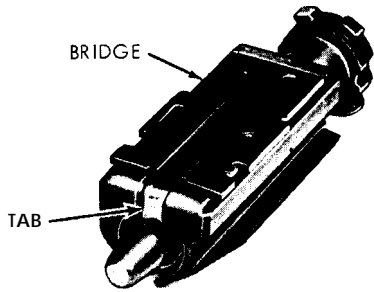
Figure 5-9. Disassembly/assembly of trigger guard group (3 of 3).



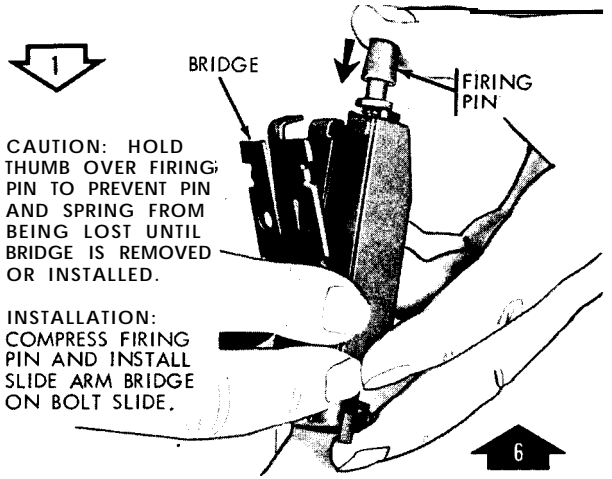
WE 60062

*Figure 5-10. Disassembly/assembly of fore end group.*

MAKE CERTAIN THAT THE TAB OF THE BRIDGE DROPS DOWN BETWEEN THE FLANGE AND THE HEAD OF FIRING PIN TO RETAIN IT IN PLACE.



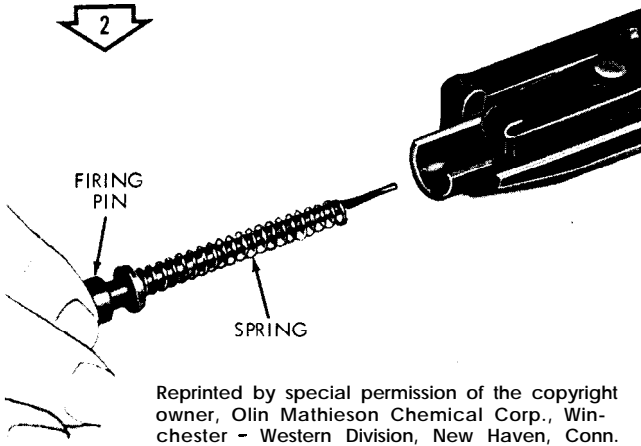
SLIDE ARM BRIDGE INSTALLED.



CAUTION: HOLD THUMB OVER FIRING PIN TO PREVENT PIN AND SPRING FROM BEING LOST UNTIL BRIDGE IS REMOVED OR INSTALLED.

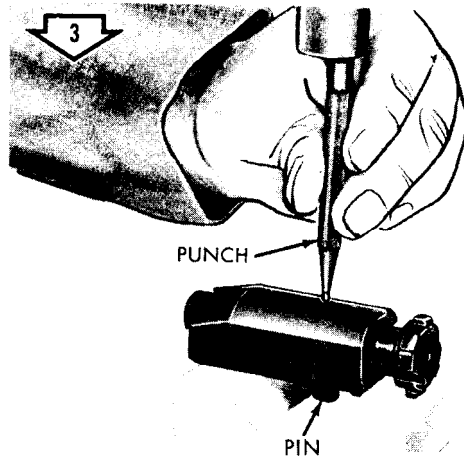
INSTALLATION: COMPRESS FIRING PIN AND INSTALL SLIDE ARM BRIDGE ON BOLT SLIDE.

REMOVE/INSTALL SLIDE ARM BRIDGE.

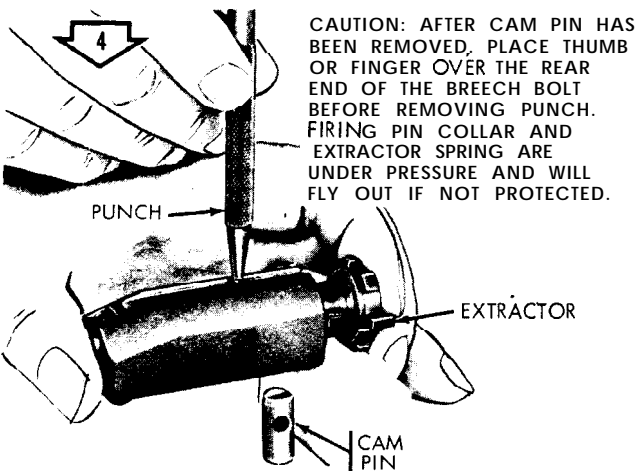


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REMOVE FIRING PIN AND SPRING.

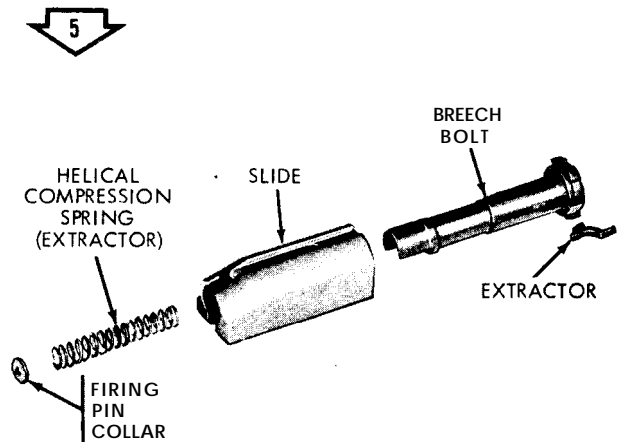


REMOVE CAM PIN.



CAUTION: AFTER CAM PIN HAS BEEN REMOVED, PLACE THUMB OR FINGER OVER THE REAR END OF THE BREECH BOLT BEFORE REMOVING PUNCH. FIRING PIN COLLAR AND EXTRACTOR SPRING ARE UNDER PRESSURE AND WILL FLY OUT IF NOT PROTECTED.

RETAINING FIRING PIN COLLAR AND EXTRACTOR SPRING DURING REMOVAL OF BREECH BOLT COMPONENTS.

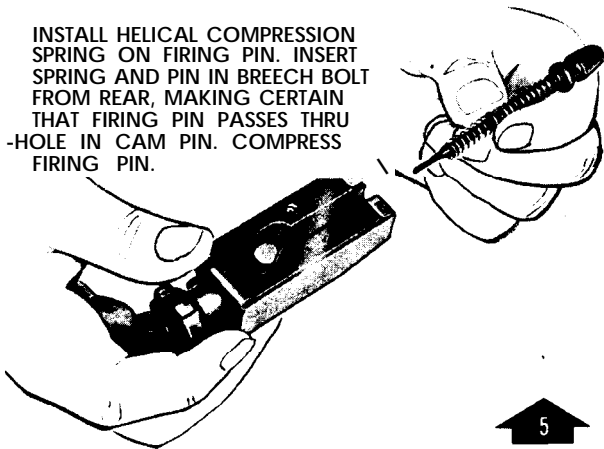


REMOVE FIRING PIN COLLAR, HELICAL COMPRESSION SPRING, EXTRACTOR AND BREECH BOLT.

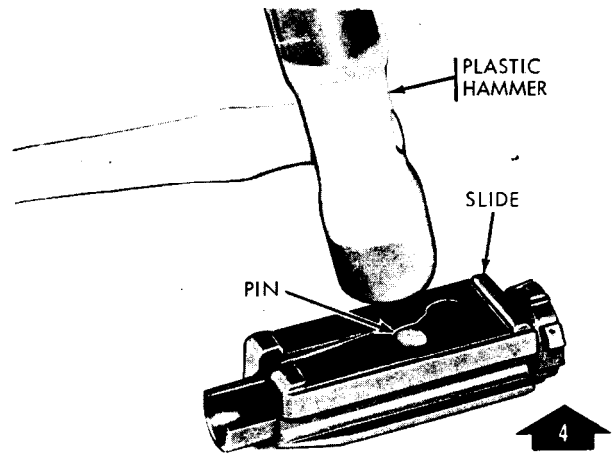
WE 60063

Figure 5-11. Disassembly/assembly of breech bolt group (1 of 2).

INSTALL HELICAL COMPRESSION SPRING ON FIRING PIN. INSERT SPRING AND PIN IN BREECH BOLT FROM REAR, MAKING CERTAIN THAT FIRING PIN PASSES THRU HOLE IN CAM PIN. COMPRESS FIRING PIN.



INSTALL FIRING PIN AND HELICAL COMPRESSION SPRING (FIRING PIN).

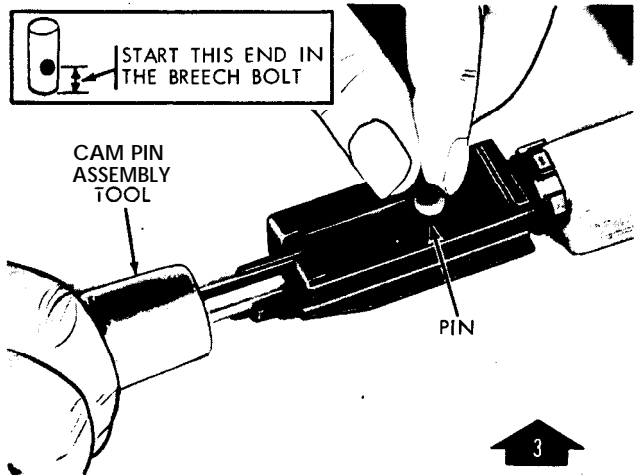


SEAT CAM PIN.

NOTE: ALINE CAM SLOT WITH CAM PIN HOLE IN THE BOLT BY LIFTING BOLT SLIDE SLIGHTLY. START END OF CAM PIN NEAREST FIRING PIN HOLE INTO THE BOLT. THE HOLE IN CAM PIN MUST BE IN LINE WITH THE LONG AXIS OF BOLT. USING DRIFT PIN OR (IMPROVISED) CAM PIN ASSEMBLY TOOL, PUSH FIRING PIN COLLAR DOWN TO COMPRESS THE HELICAL COMPRESSION SPRING.

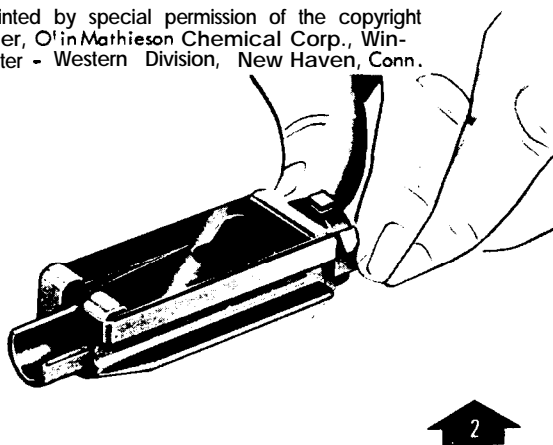
CAUTION: DO NOT HAVE YOUR FACE IN LINE WITH BACK END OF BOLT DURING THIS OPERATION. PUSH CAM PIN IN AS FAR AS IT WILL GO. AT THIS POINT COLLAR MAY PREVENT PIN FROM SEATING FULLY. IF NECESSARY, USE A SMALL ROD OR SCREWDRIVER TO DEPRESS THE UPPER EDGE OF COLLAR WHILE SEATING CAM PIN.

BOLT SHOULD BE BOTTOM SIDE UP WITH EXTRACTOR ON RIGHT HAND SIDE. LOOKING THRU BOLT FROM REAR, CLEAR PASSAGE FOR FIRING PIN SHOULD BE VISIBLE.

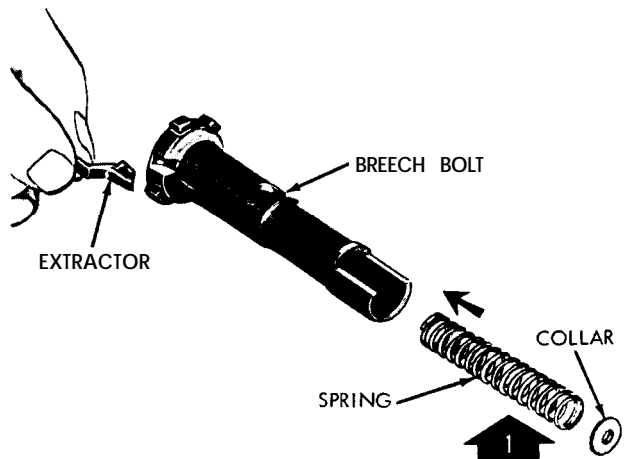


INSTALL CAM PIN.

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INSTALL BREECH BOLT.

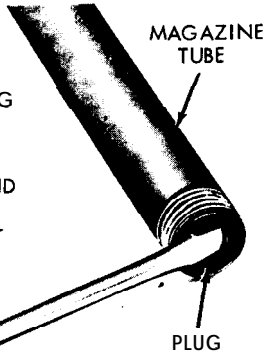


INSTALL EXTRACTOR, SPRING AND COLLAR.

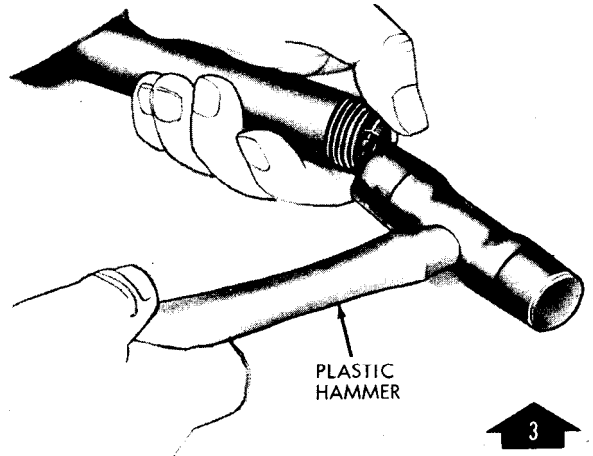
Figure 5-12. Disassembly/assembly of breech bolt group (2 of 2).

1

CAUTION: WHEN REMOVING MAGAZINE PLUG, RETAIN PRESSURE ON PLUG WITH THUMB AND FOREFINGER TO PREVENT THE PLUG AND MAGAZINE SPRING FROM FLYING OUT AND BECOMING LOST.



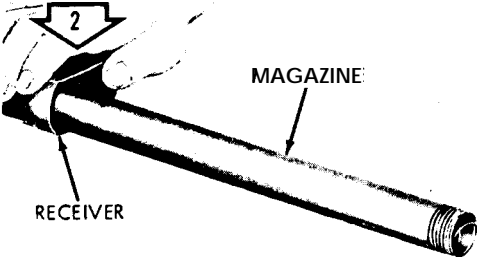
REMOVE MAGAZINE PLUG.



INSTALL MAGAZINE PLUG.

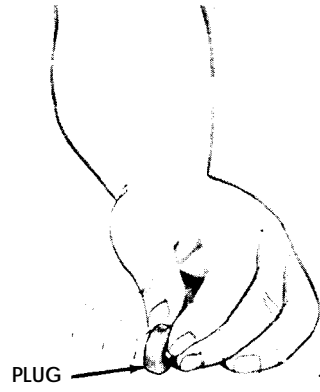
3

2



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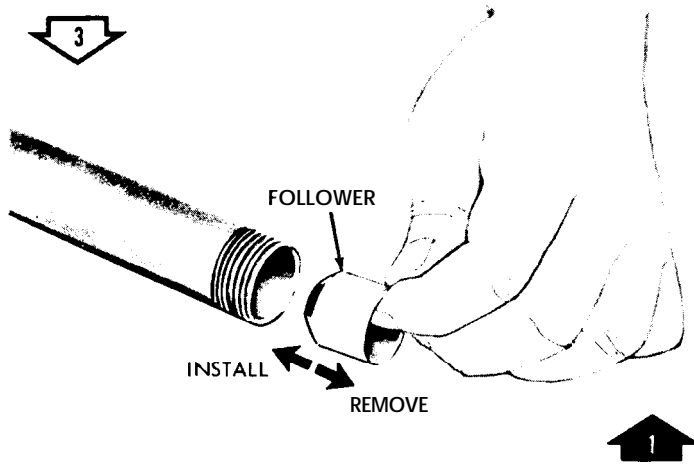
NOTE: DO NOT ATTEMPT TO REMOVE MAGAZINE FROM RECEIVER AS THIS IS A FACTORY ASSEMBLY OPERATION ONLY.



REMOVE/INSTALL PLUG AND HELICAL COMPRESSION SPRING (MAGAZINE).

2

3



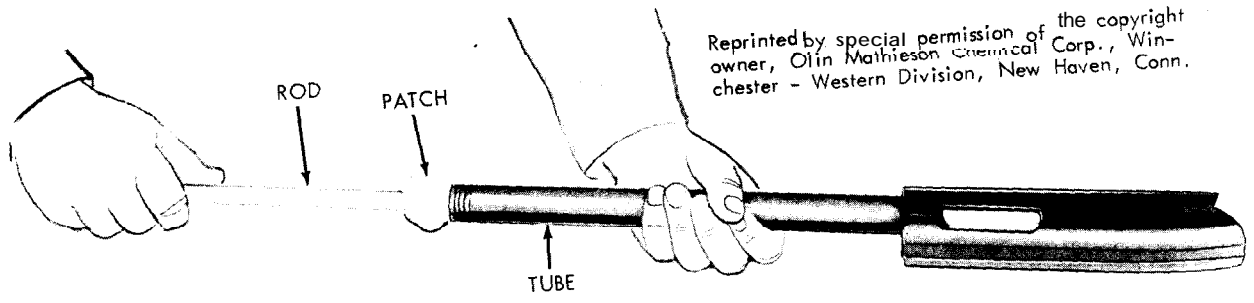
REMOVE/INSTALL MAGAZINE FOLLOWER.

1

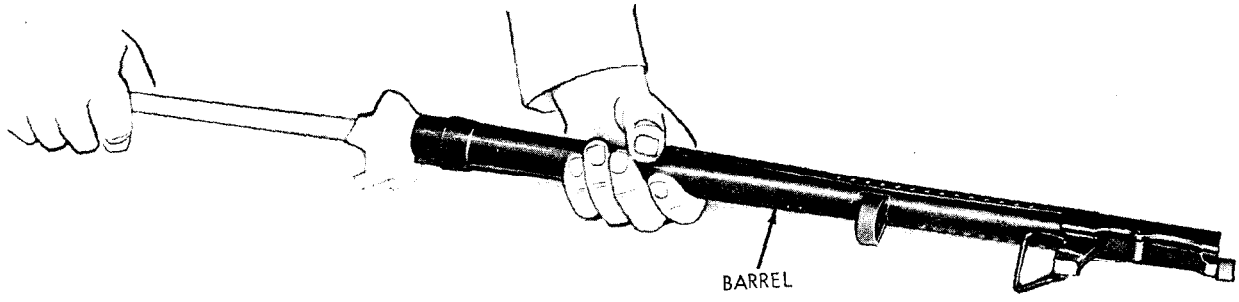
WE 60069

Figure 5-13. Disassembly/assembly of magazine.

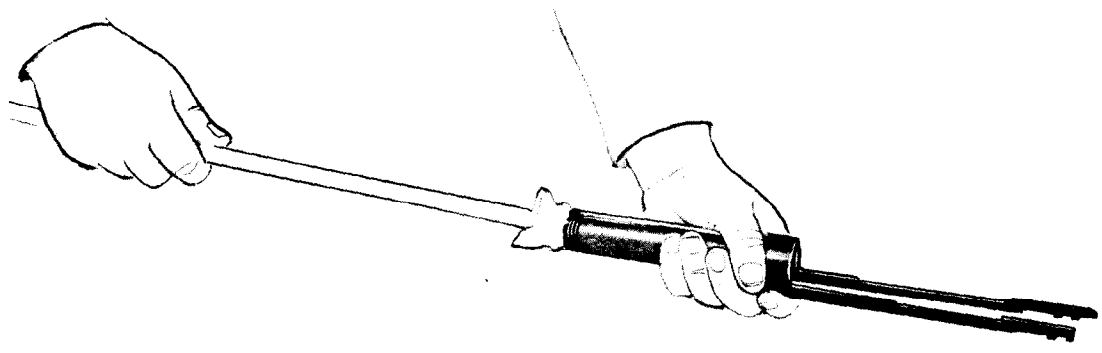
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A - CLEANING MAGAZINE TUBE.



B - CLEANING BARREL.



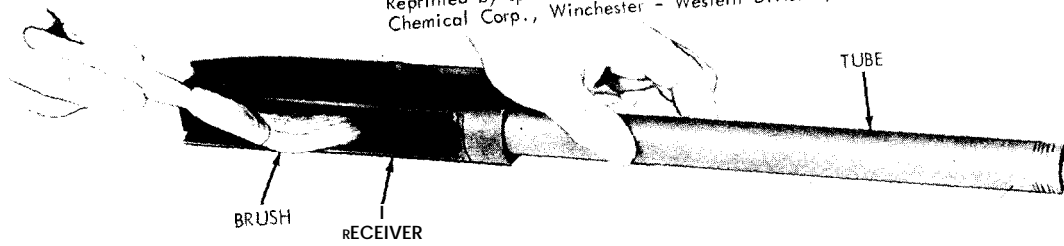
C - CLEANING SLIDE ARM EXTENSION.

WE 60071

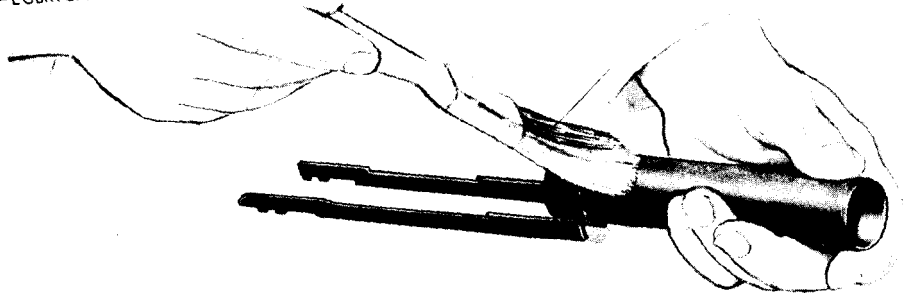
*Figure 5-14. Cleaning instructions.*



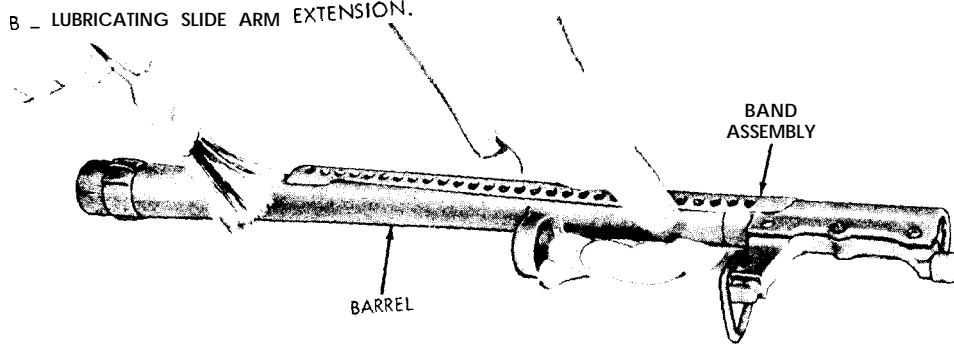
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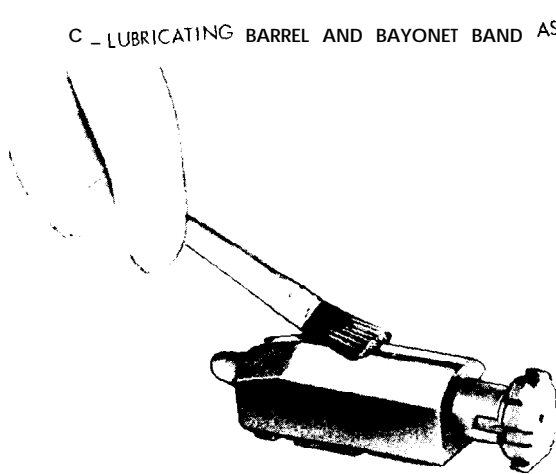
A - LUBRICATING RECEIVER AND MAGAZINETUBE.



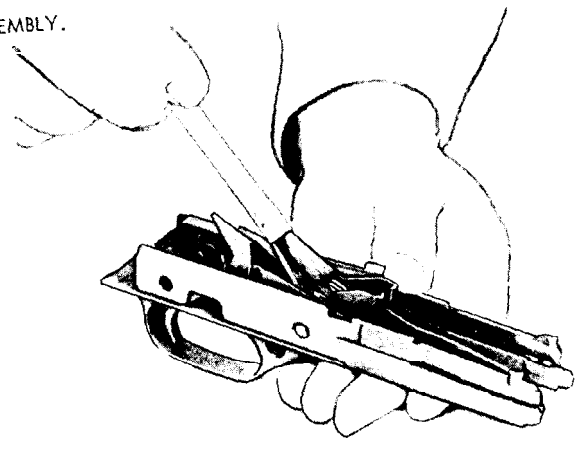
B - LUBRICATING SLIDE ARM EXTENSION.



C - LUBRICATING BARREL AND BAYONET BAND ASSEMBLY.



D - LUBRICATING BREECH BOLT GROUP.



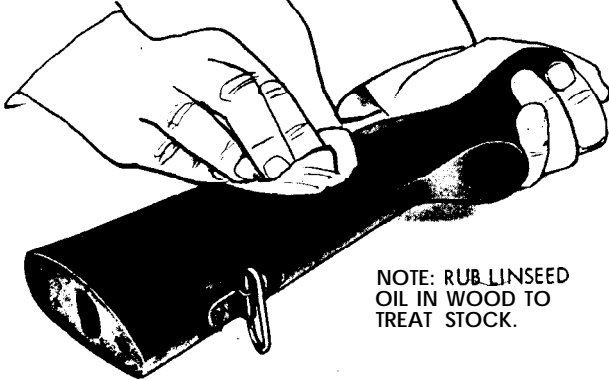
E - LUBRICATING TRIGGER GUARD GROUP.

WE 60070

Figure 5-1 5. Lubricating instructions.

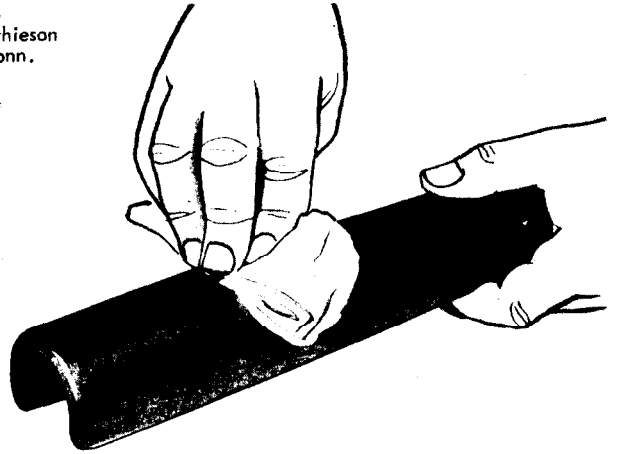
AGO 20027

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A. STOCK WITH SWIVEL ASSEMBLY.

NOTE: RUB LINSEED OIL IN WOOD TO TREAT STOCK.



B. FORE END.

WE 60072

*Figure 5-16. Cleaning and treating wooden components.*

### 5-6. Functioning with Once-Fired Empty Rounds

Shotguns authorized to be repaired in the field

will be handfunctioned, using five once-fired empty rounds. Shotguns which fail in above-noted test will be corrected by replacement of defective parts.

## CHAPTER 6

### MATERIAL USED IN CONJUNCTION WITH MAJOR ITEM

#### 6-1. General

This chapter contains information on materiel used with the major item.

#### 6-2. Description

a. **Bayonet, M1917.** (fig. B-1) It is used for close contact, guarding of prisoners and riot duty. It can also be used as a general utility knife. It has a cutting edge of 14.81 inches at the bottom running from the point. The handle fits comfortably and has a knurled surface for a firm grip.

b. **Sling, Ml.** (fig. B-1) It hooks on the gun shoulder stock swivel and adapter swivel of bayonet band assembly and aids the operator in carrying and firing the weapon.

c. **Scabbard, Bayonet, M1917.** (fig. B-1) It is used to carry the bayonet M1917 when not being used on the shotgun.

#### 6-3. Removal/Installation

a. **Bayonet, M1917.** Refer to figure 6-1.

b. **Sling, Ml.** Refer to figure 6-2.

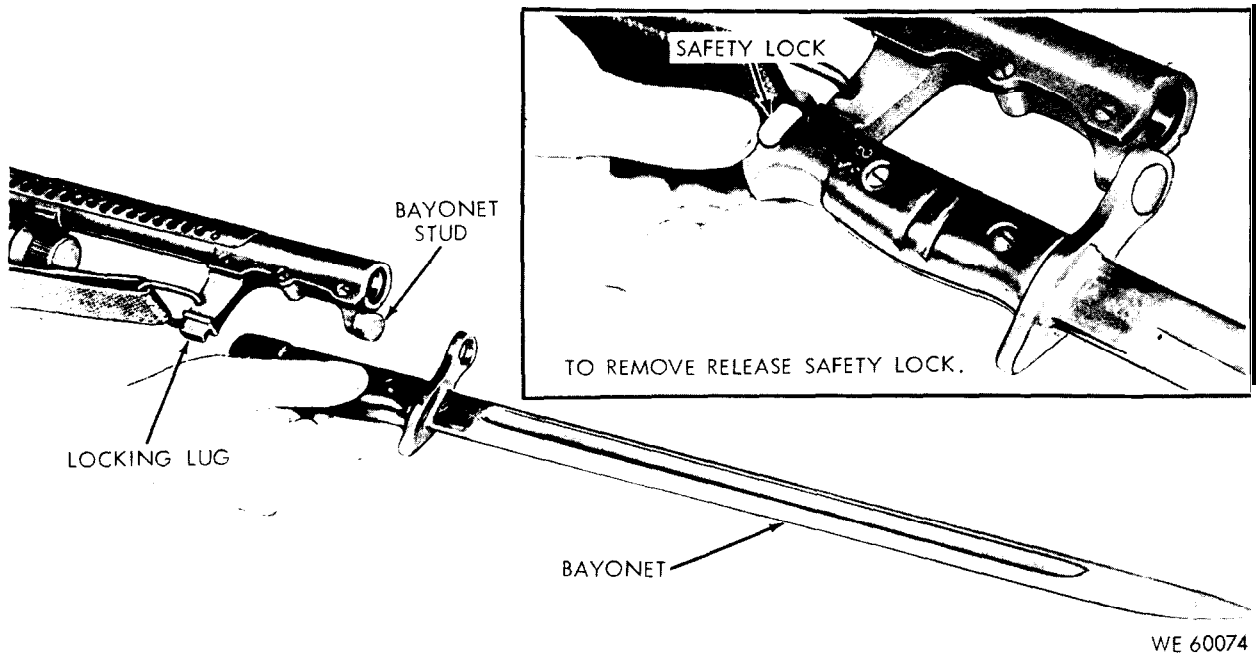


Figure F-1. Remove/install bayonet, B1917.

#### 6-4. Disassembly/Assembly

None authorized.

#### 6-5. Cleaning, Inspection and Repair

a. *Cleaning.*

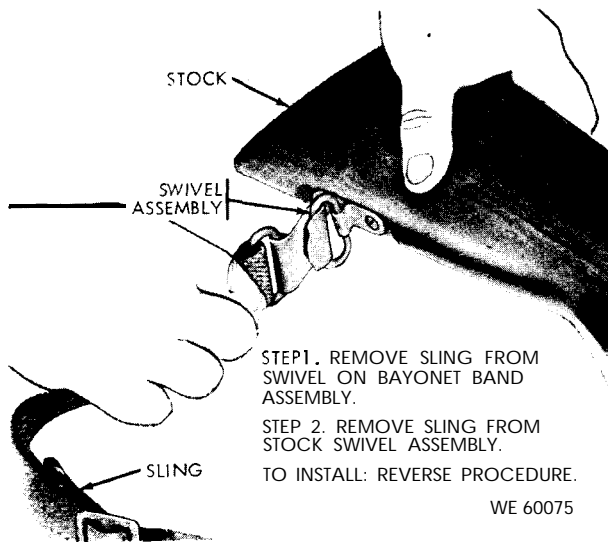


Figure 6-2. Remove/install sling.

(1) Bayonet *M1917*. Remove grease, oil, and dirt with carbon removing compound (P-C-111). Lubricate with general purpose lubricating oil (PL special).

(2) Sling, *M1*. Clean with dry cleaning solvent (SD), using cloth or bristle brush.

(3) *Scabbard, M1917*. Clean metal parts with carbon removing compound. The same compound can be used to clean plastic com-

ponents if required. Lubricate with general purpose lubricating oil.

*b. Inspection.*

(1) *Bayonet, M1917.*

(a) Should fit shotgun properly and latch securely.

(b) If blade tip or grips are broken, replace.

(c) Blade should be free of nicks, turned edges, rust and corrosion.

(2) *Sling, M1.*

(a) Inspect for required components such as hooks, fasteners, etc.

(b) Check for cuts or other damage which will reduce strength or protective qualities.

(c) Examine corners, seams and edges closely.

(3) *Scabbard, Bayonet, M1917.*

(a) Metal parts should be dark. Re-paint if required).

(b) Spring should hold bayonet when inserted in scabbard.

(c) Loops or hooks for attaching to belt should not be damaged. They will be securely fastened to the metal top plate.

*c. Repair.* Replace bayonet, *M1917*, Sling, *M1*, Scabbard, Bayonet, *M1917* or cleaning rod (wooden) if unserviceable.