

TECHNICAL MANUAL }
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OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL

**INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST
 SHOTGUN, 12-GAGE, WINCHESTER MODEL 1200,
 RIOT TYPE, 20-INCH BARREL, W/E**

This manual is current as of 1 June 1968.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

I-1. scope

These instructions are in accordance with the MAC (app C) and are published for the use of operator, organizational, direct and general support maintenance personnel maintaining the Winchester Shotgun, Model 1200.

I-2. Forms and Records

a. **General.** DA forms and procedures used for equipment maintenance will be only those

prescribed in TM 33-750, Army Equipment Record Procedures,

b. **Recommendations for Maintenance Manual Improvements.** Reports 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 Commanding General, Headquarters, U.S. Army Weapons Command, ATTN: **AMSWE-SMM-P**, Rock Island, Ill. 61201.

Section II. DESCRIPTION AND DATA

I-3. Description

a. **General.** The Winchester Model 1200 (fig I-1) is a manually operated, repeating shotgun of the slide action, hammerless and **takedown** type, with a 20" barrel. It has a capacity of five rounds, one in the chamber and four in the magazine.

b. **Major Group8 and Assemblies.** The following is a brief description of the major groups and assemblies :

(1) **Gun shoulder stock group.** (1, fig B-2) Composed of butt stock screws, butt plate, machine bolt, lock washer, gun shoulder stock, swivel screw, and swivel assembly. The stock is an extension of the barrel and receiver group and provides a support to shoulder fire the weapon.

(2) **Barrel and bayonet band assembly.** (10, fig B-2) Composed of barrel, bayonet barrel screws, front sight and bayonet barrel assembly. The bayonet band assembly provides a location for the bayonet M1917 and a locking

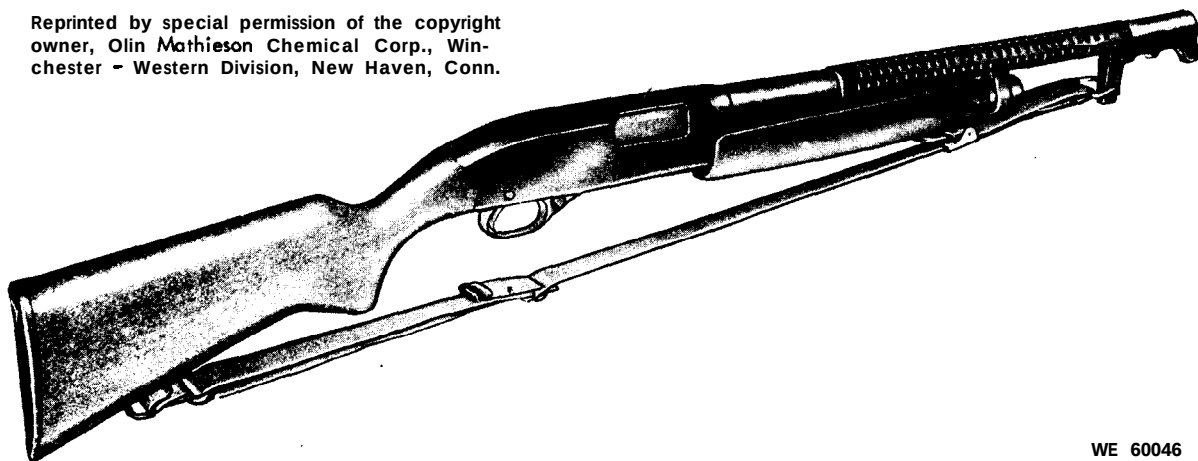
lug for securing the bayonet to the shotgun. The front sight serves as an aiming device.

(3) **Trigger guard group. (16, fig B-2)** composed of trigger stop pin screw, left-hand and right-hand slide arm supports, carrier assembly, carrier plunger, carrier spring, disconnector assembly, disconnector spring, sear bracket assembly, hammer pin, hammer pin supports, hammer, safety, trigger pin, trigger and trigger guard. It houses the components required to provide locking, initial feeding, loading, firing and safety functions of the weapon.

(4) **Fore end group.** (18, fig B-2) Composed of slide arm cap, fore end and slide arm extension. The slide arm extension is utilized to open and close the breech bolt group, permitting loading, firing and unloading the weapon.

(5) **Breech bolt group. (22, fig B-2)** Composed of slide arm bridge, firing pin, firing pin spring, cam pin, firing pin collar extractor spring, extractor breech bolt and bolt slide.

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WE 60046

Figure 1-1. 12 Gage, Riot Type, Winchester Shotgun, Model 1200—right rear view.

The breech bolt feeds and locks the round in the chamber. The firing pin detonates the primer to fire the weapon. The (fired) round is removed from the chamber by the extractor.

(6) *Receiver* and magazine group. (23, fig B-2) Composed of cartridge ejector; magazine tube, magazine plug, magazine spring, magazine follower and receiver. The magazine tube serves as a retainer for the fore end group and provides a storage area for the cartridges. The receiver houses the cartridge ejector and serves as support for all major groups and assemblies of the weapon.

1-4. Tabulated Data

Gage of bore 12 gage

Diameter of bore	.0.729 in.
Boring of barrel	Cylinder
Type of action	Slide
Type of firing mechanism	Hammerless
Type of magazine	Tubular
Capacity of magazine	4 rd
Operation	Manual
Cooling.	Air
Length of barrel	20 in.
Length of stock and receiver (approx)	20 in.
Length of assembled gun (approx)	40 in.
Weight of assembled gun w/o bayonet band assembly	6.6 lb
Weight of assembled gun with attachments	8.5 lb
Weight of bayonet M1917 (approx)	1 lb 2 oz

1-5. Serial Number

The serial number is located on the bottom of the front end of receiver.

CHAPTER 2

OPERATING INSTRUCTIONS

Section I. CONTROLS

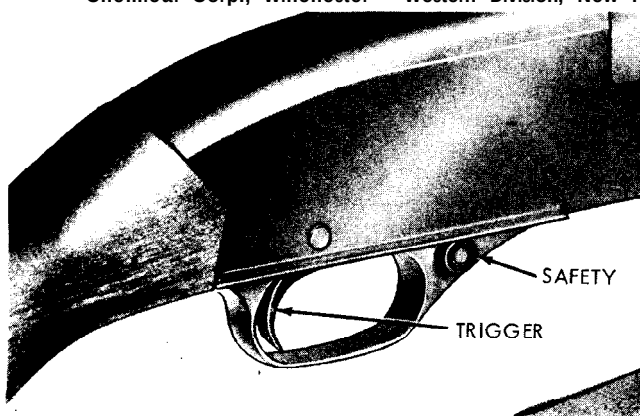
2-1. General

Refer to table 2-1.

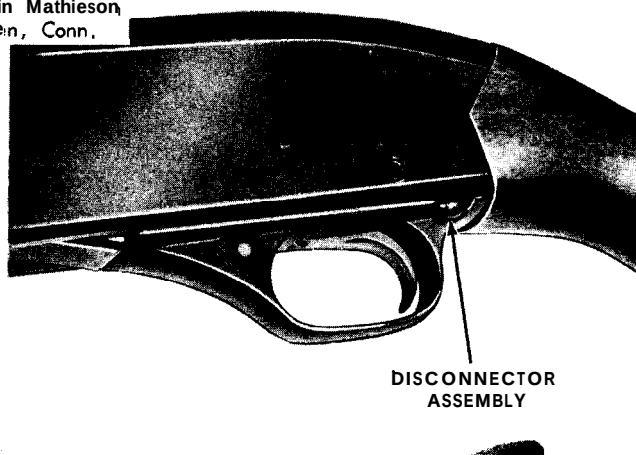
Table 2-1. Controls

<i>Control of instrument</i>	<i>Function</i>	<i>Reference</i>
Disconnecter assembly	When depressed, releases the fore end group for loading and unloading weapon.	B, figure 2-1
Safety	When in locked ("ON") position, prevents firing of weapon	A, figure 2-1
Trigger	Controls firing of weapon	A, figure 2-1

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A. TRIGGER AND SAFETY



B. DISCONNECTOR ASSEMBLY

WE 60047

Figure 2-1. Controls.

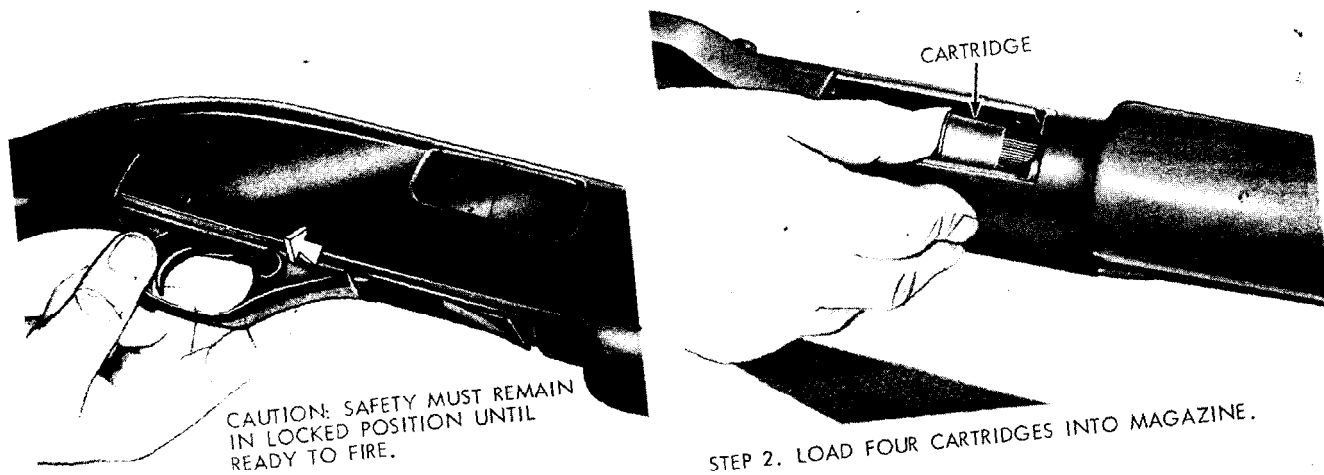
Section II. OPERATION UNDER USUAL CONDITIONS

2-2. Loading, Firing and Unloading

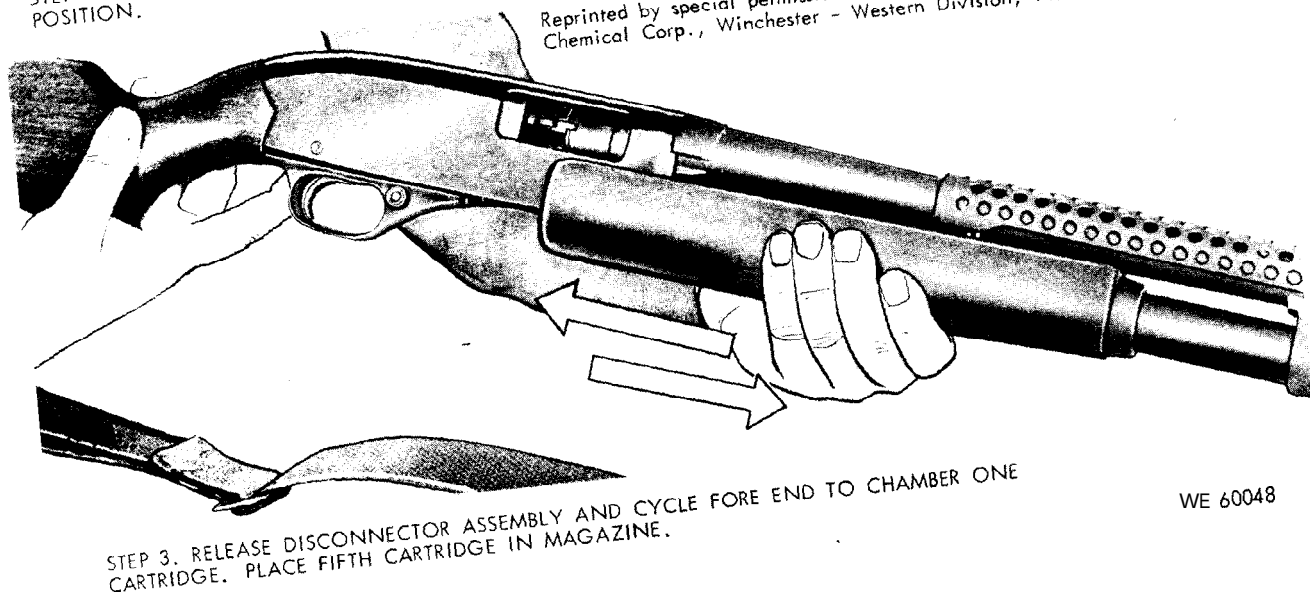
Note. Prior to loading, check bore and chamber of barrel assembly for obstructions and condition. If re-

quired, clean barrel assembly. Check breech bolt group for excess oil or dirt. If required, place a drop of oil in firing pin hole and the face of the breech bolt.

a. Refer to figures 2-2 through 2-4.

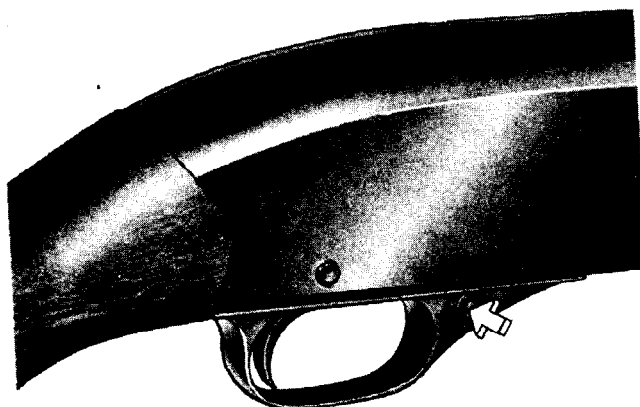


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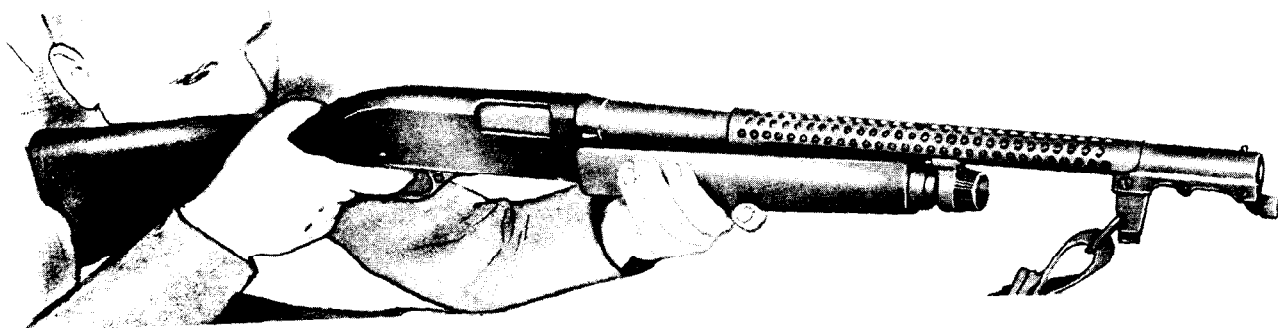


WE 60048

Figure 2-2. Loading shotgun.

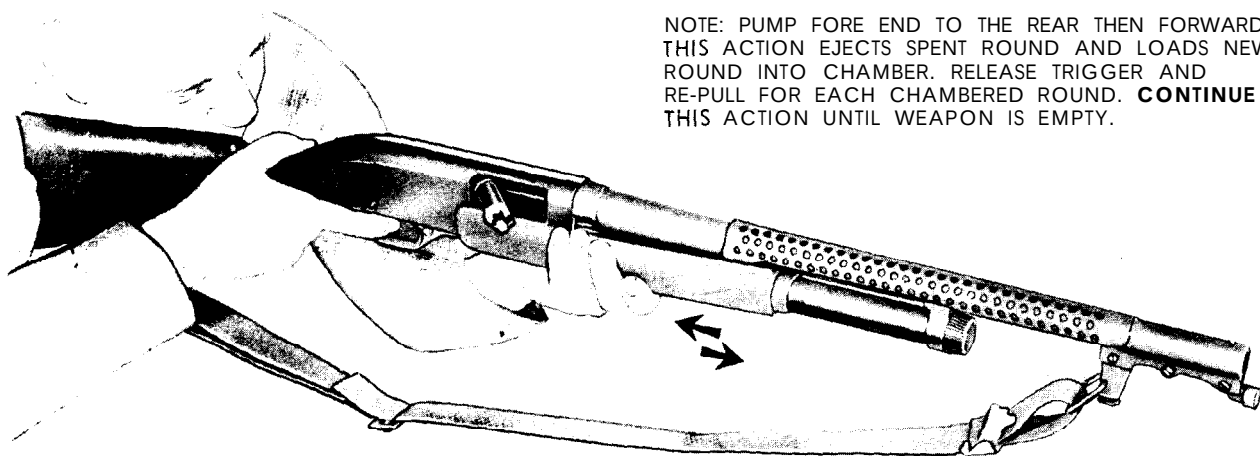


STEP 1. PUSH SAFETY TO "OFF"
(UNLOCKED) POSITION.



STEP 2. PULL TRIGGER TO FIRE.

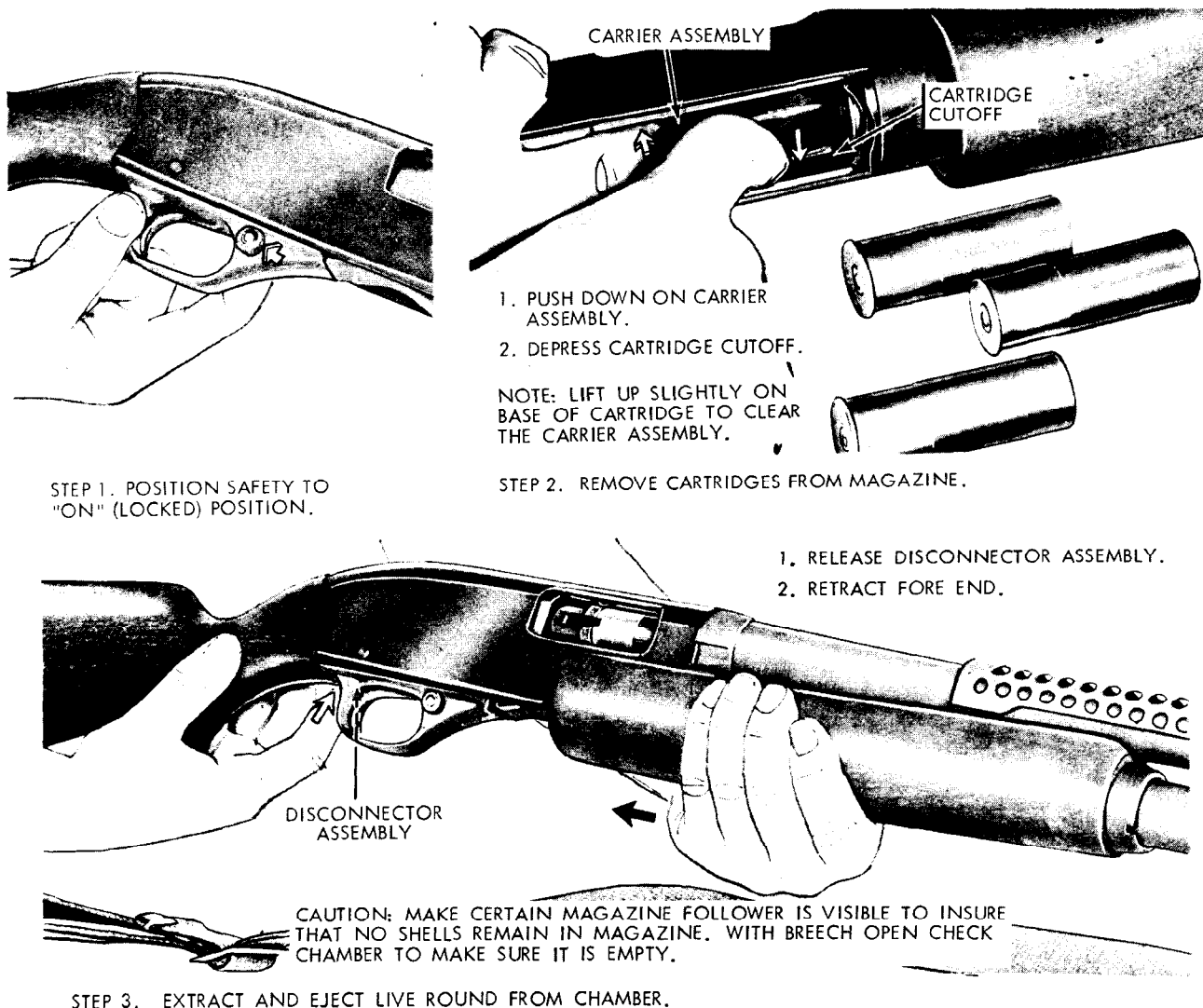
NOTE: PUMP FORE END TO THE REAR THEN FORWARD.
THIS ACTION EJECTS SPENT ROUND AND LOADS NEW
ROUND INTO CHAMBER. RELEASE TRIGGER AND
RE-PULL FOR EACH CHAMBERED ROUND. **CONTINUE**
THIS ACTION UNTIL WEAPON IS EMPTY.



STEP 3. EXTRACTING AND EJECTING SPENT ROUND.

WE 60049

Figure 2-3. Firing shotgun.



WE 60050

Figure 2-4. Unloading shotgun.

b. Inspect, clean, and oil weapon (table 3-5).

2-4. Service after Firing

Refer to table 3-5.

2-3. Double Feed

Refer to table 4-2.

Section III. OPERATION UNDER UNUSUAL CONDITIONS

2-5. General

Refer to table 3-4.

CHAPTER 3

OPERATOR AND ORGANIZATIONAL SERVICE AND MAINTENANCE INSTRUCTIONS

Section I. SERVICE UPON RECEIPT OF MATERIEL

3-1. General

Refer to table 2-I.

Table S-1. Service Upon Receipt of Materiel

Step	Action	Reference
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

FSN	Item
6850-965-2332	CARBON REMOVING COM- POUND: (P-C-111) (5 gal. pail).

FSN	Item
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, jean- cloth-backing, closed coating, 9 w, 11 lg, 50-sh-sleeve (CA).
8010-582-5382	LACQUER: black (jet) lusterless type I, color 37038 (16 oz aerosol can) Spec TT L 0050 type I nitrocellulose base.
8010-221-0611	LINSEED OIL, RAW: (TT-L- 00215) (1 gal. can). LUBRICATING OIL, GENERAL PURPOSE : (PL special).

<i>FSN</i>	<i>Item</i>
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

<i>Step</i>	<i>Procedure</i>
	<i>Note. 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.</i>
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).
	<i>Note. For general cleaning procedures, refer to TM 9-208-I and TM 9-247.</i>
4	All components affected by powder fouling will be cleaned with carbon removing compound (P-C-111).
	Warning: Avoid skin contact. 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.
5	Wipe 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.
	<i>Note. With patch and cleaning rod, remove oil from bore and chamber of barrel assembly before firing.</i>

Table 3-4. Lubrication Instructions for Unusual Conditions

<i>Type Of Climate</i>	<i>Procedure</i>
	<i>Note. Reduce lubrication intervals to less than daily, if inspection indicates rust or corrosion.</i>
Extreme cold (below 0°F.)	Lubricate with weapons lubricating oil (LAW). Keep weapon protected as much as possible. <i>Note. Make certain all components are dry and free from condensation before applying lubrication. Also refer to TM 11-20i.</i>
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. <i>Note. 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.</i>
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. <i>Note. Protect weapon from water while fording, if possible.</i>
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					Org.	Item to be inspected	Procedure	Reference
	Operator								
	B	D	A	W	M				
							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. Note. 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.	Figure 6-2	
							Stock cannot be cracked or loose. Structural strength must not be impaired.	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 As; sembly.	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 to fire	Failure to load Empty magazine Faulty ammunition	<i>Note. For corrective action of malfunctions not listed in this table, refer to direct support personnel.</i> Pump shell into chamber. Load magazine (step 2, fig. 2-2). 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 to load or feed	Obstruction in the chamber Defective carrier assembly Foreign matter in RH or LH slide arm supports or magazine tube.	Clean receiver (table 3-3). Notify direct support maintenance. 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. INSPECTION Visually inspect the components for wear, cracks, dents and damage. Make certain all parts are properly installed and in working condition. REPAIR Remove all traces of rust or scarred areas from finished surfaces with cloth, moistened with light oil.	
Shotgun				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. <i>Note.</i> 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. <i>Note.</i> 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.	

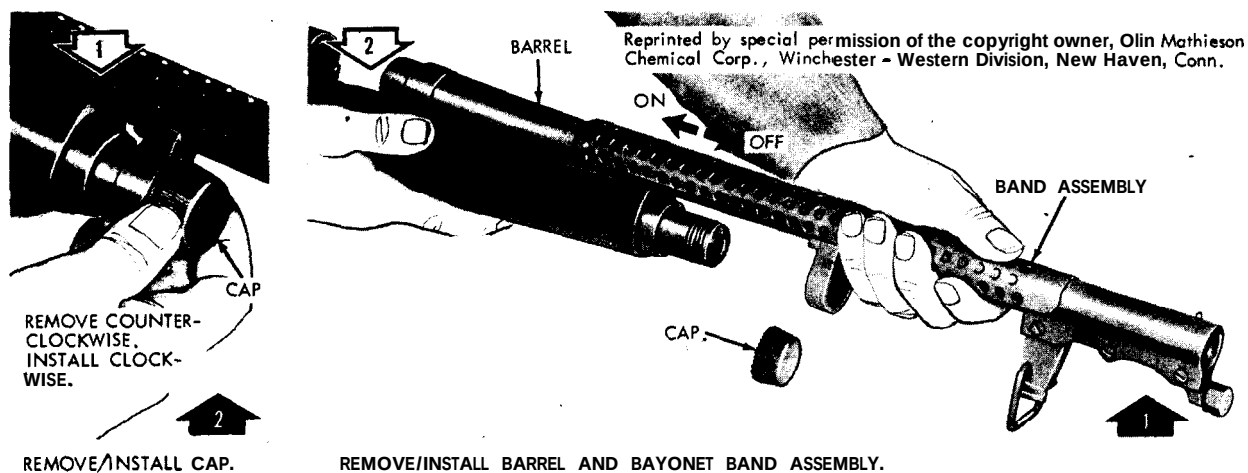
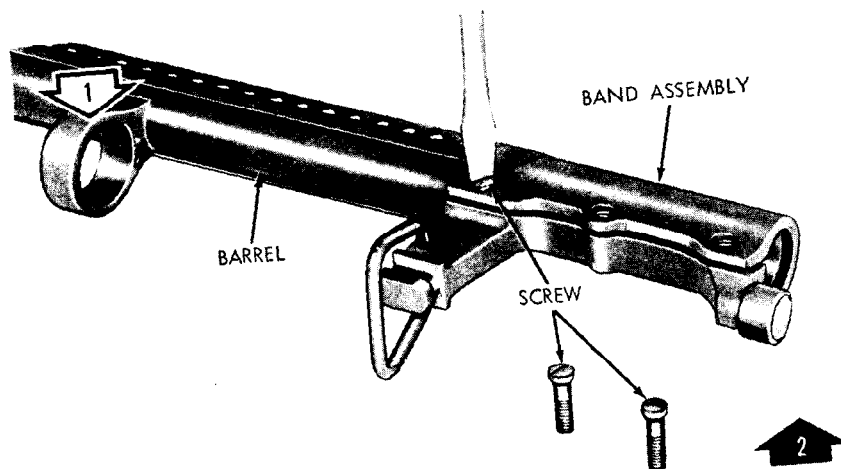
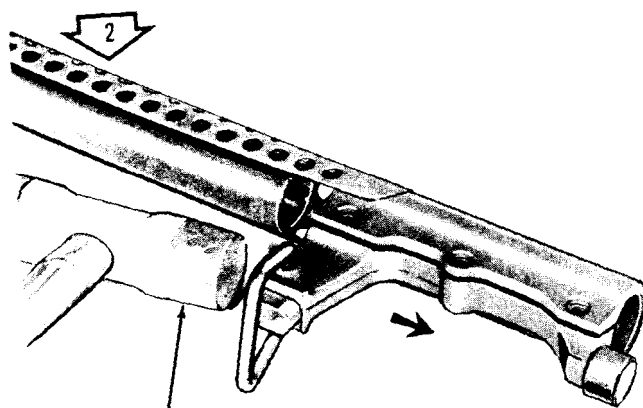


Figure 3-1. Removal/installation of barrel and bayonet band assembly.

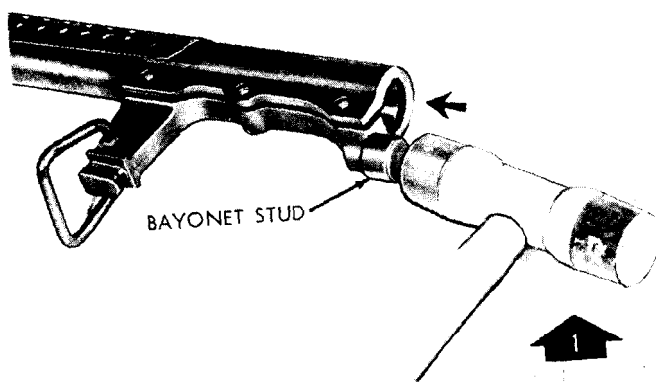


REMOVE/INSTALL SCREWS.



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.

4-2. **Maintenance** Repair Parts

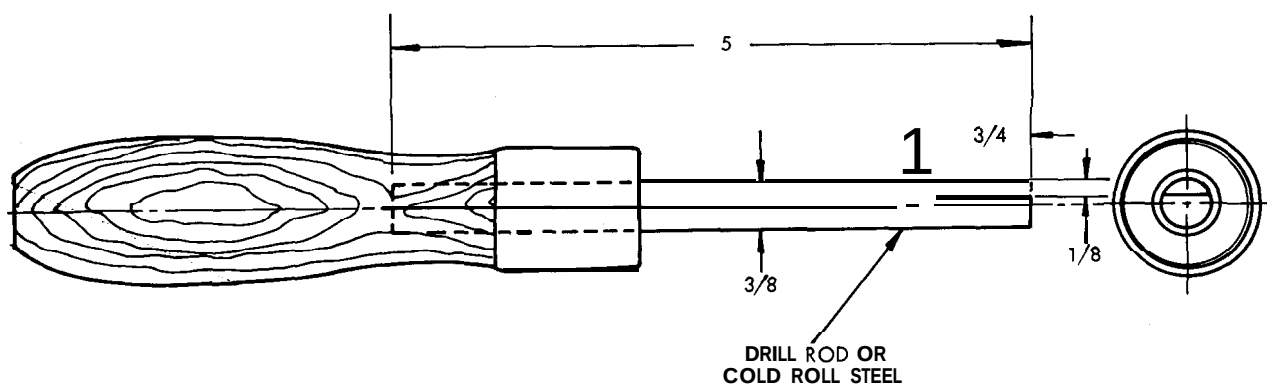
Refer to appendix B.

4-3. Improvised Tools and Equipment

Refer to table 4-1.

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.

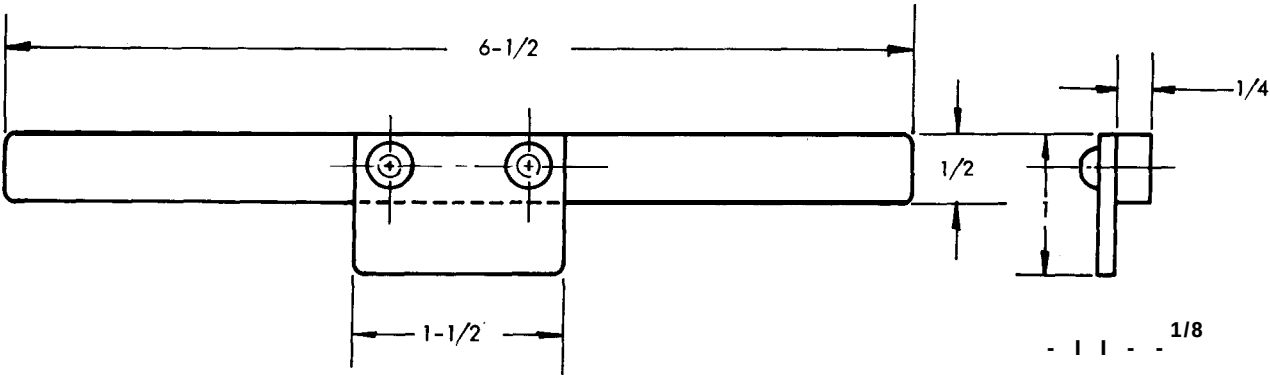


NOTE: ALL DIMENSIONS SHOWN
ARE IN INCHES.

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

Table 4-2. Troubleshooting

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

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, fig. B-2). Turn in weapon for replacement. Replace (26, fig. B-2).
Double feeding	Foreign matter in magazine tube Burred or broken LH or RH slide arm supports. Note. Cartridge stop and cut off are components of above items. 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 Note. Slide arms are components of slide arm extension assembly. 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, fig. B-3). Repair or replace slide arm extension (21, fig. 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

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.

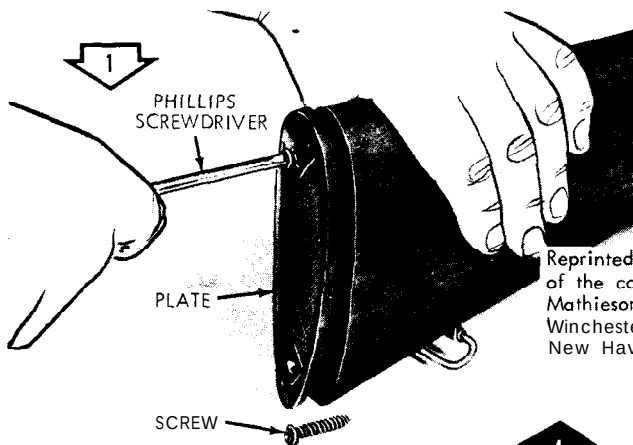
Section II. MAINTENANCE OF SHOTGUN

S-5. Specific

Refer to table 5- 1.

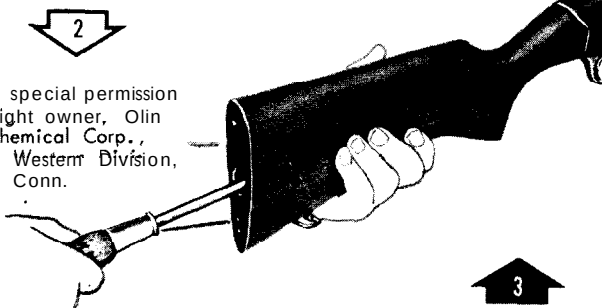
Table 5-1. Guide to Maintenance Function of Shotgun

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



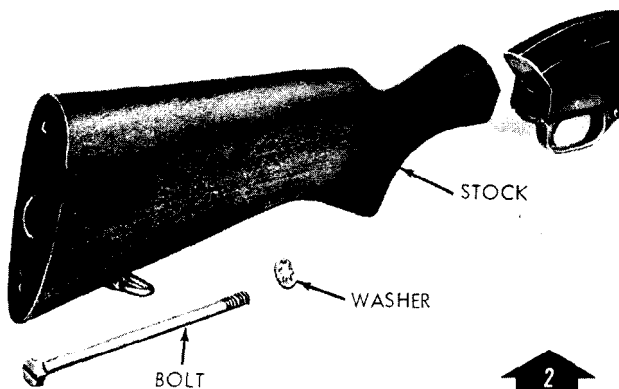
REMOVE/INSTALL BUTT PLATE SCREWS AND BUTT PLATE.

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.

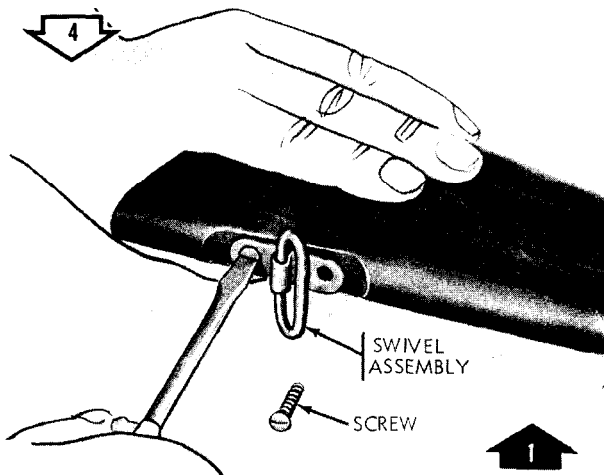


REMOVE/INSTALL MACHINE BOLT AND LOCK WASHER.

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REMOVE/INSTALL STOCK WITH SWIVEL ASSEMBLY.



REMOVE/INSTALL SCREWS AND SWIVEL ASSEMBLY.

WE 60057

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

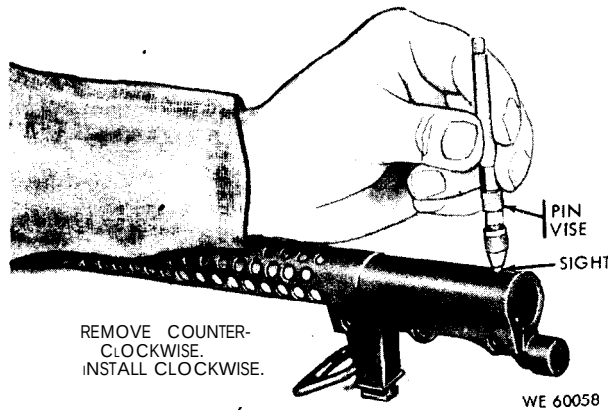
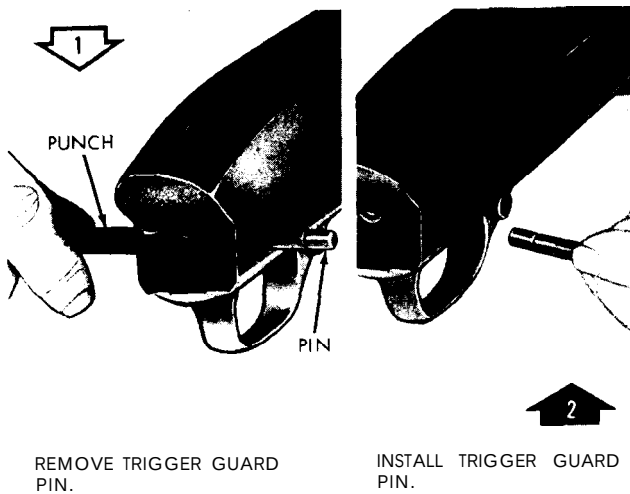
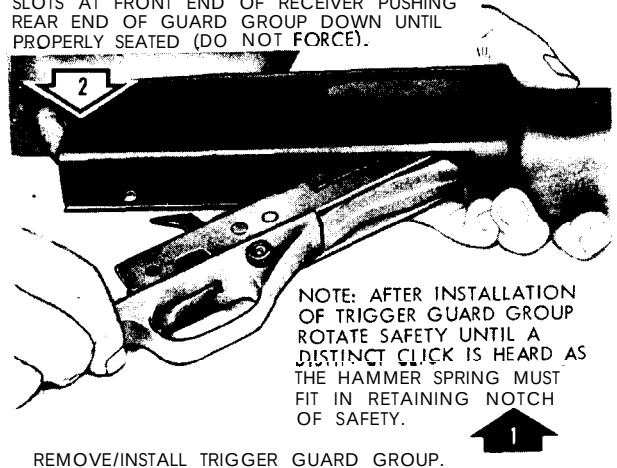


Figure 5-2. Removal/installation of front sight.

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NOTE, INSTALL TRIGGER GUARD GROUP TO RECEIVER BY INSERTING FRONT END OF RIGHT AND LEFT HAND SLIDE ARM SUPPORTS INTO SLOTS AT FRONT END OF RECEIVER PUSHING REAR END OF GUARD GROUP DOWN UNTIL PROPERLY SEATED (DO NOT FORCE).



WE 50059

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

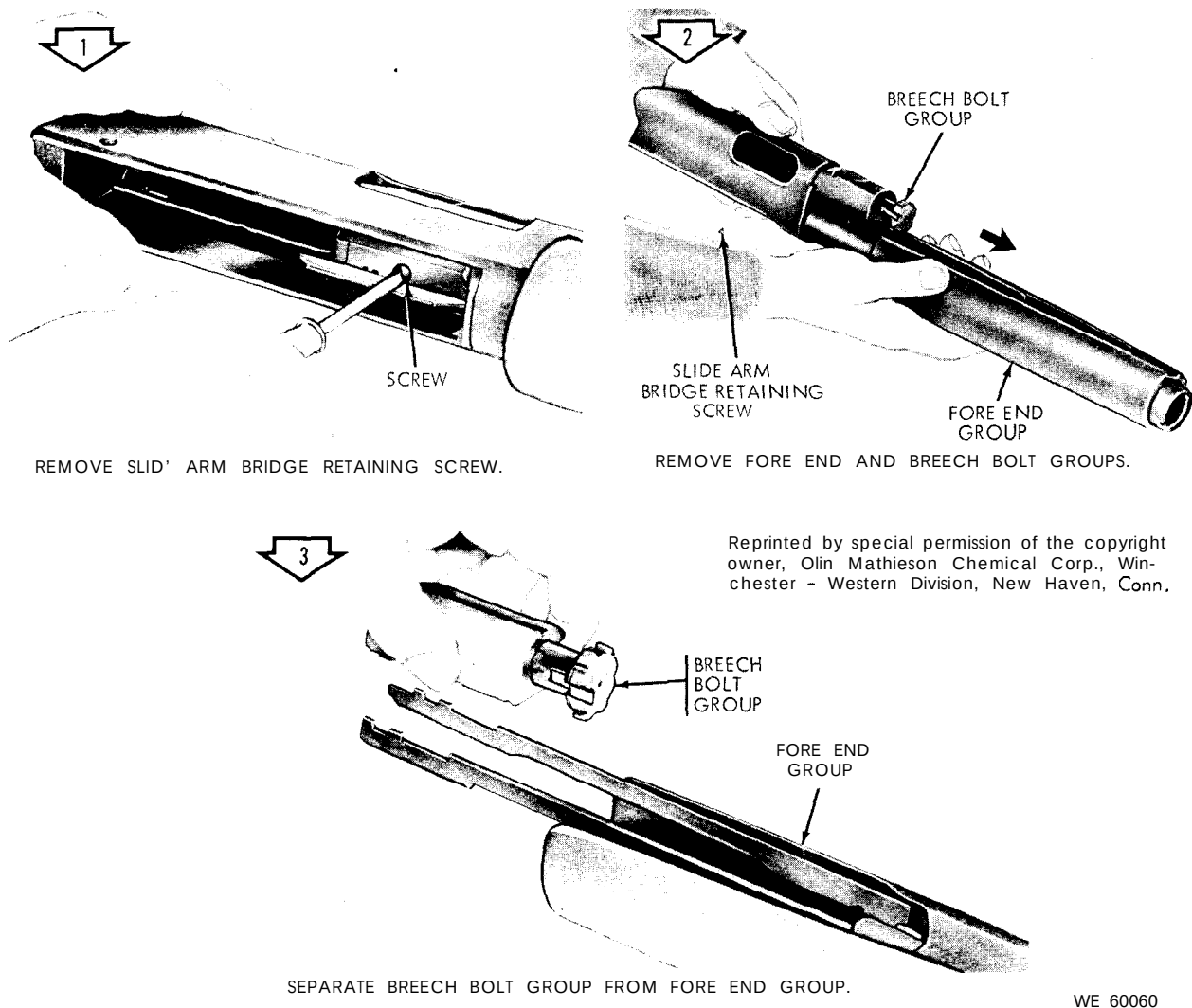


Figure 5-4. Removal/installation of fore end and breech bolt groups.

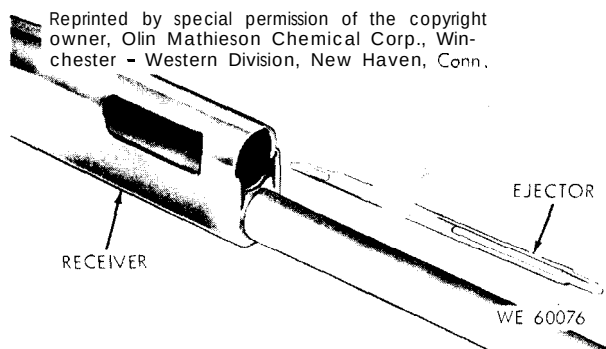
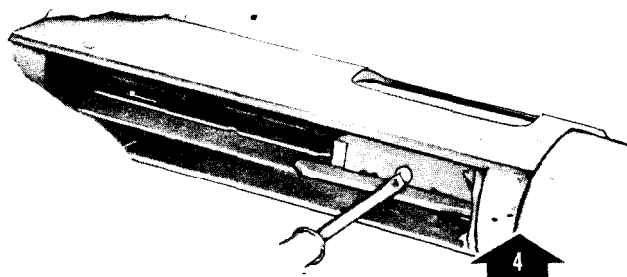
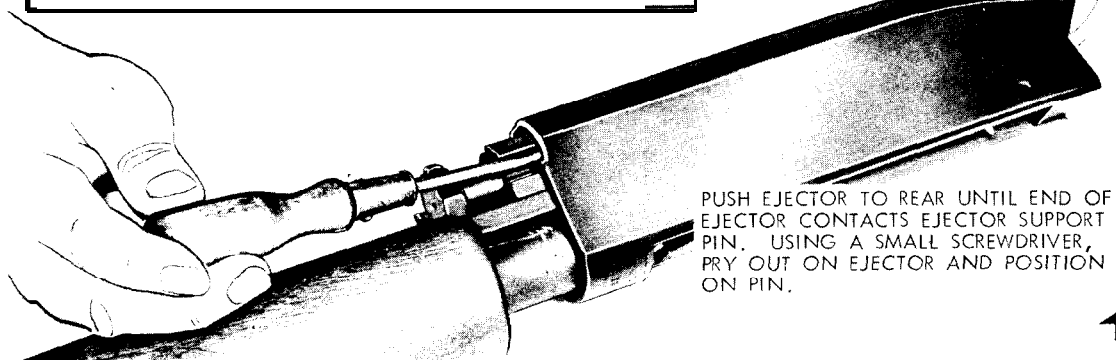
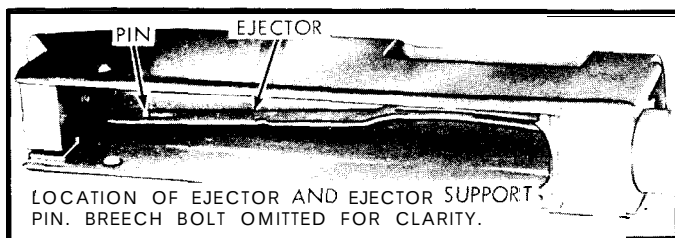


Figure 5-5. Remove ejector.

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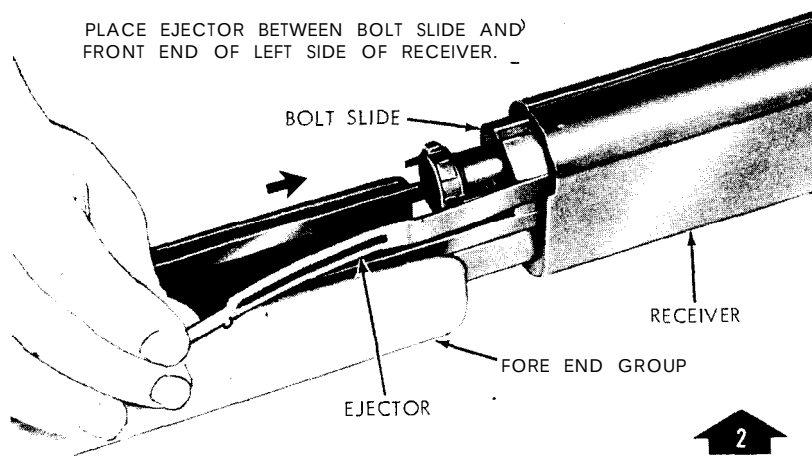


INSTALL SLIDE ARM RETAINING SCREW.

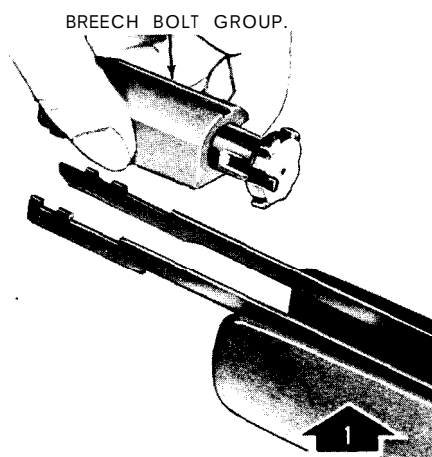


SEAT EJECTOR ON EJECTOR SUPPORT PIN.

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



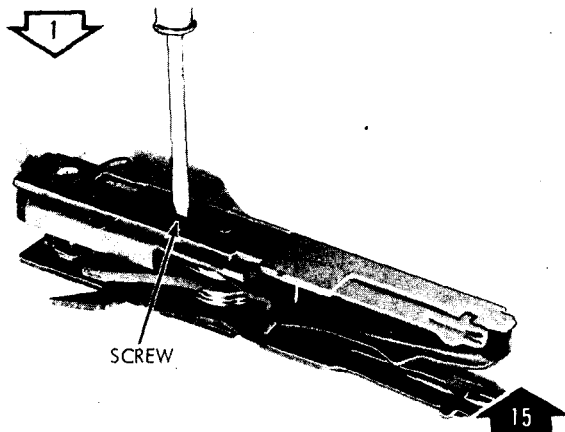
INSTALL BREECH BOLT AND FORE END GROUPS AND EJECTOR IN RECEIVER.



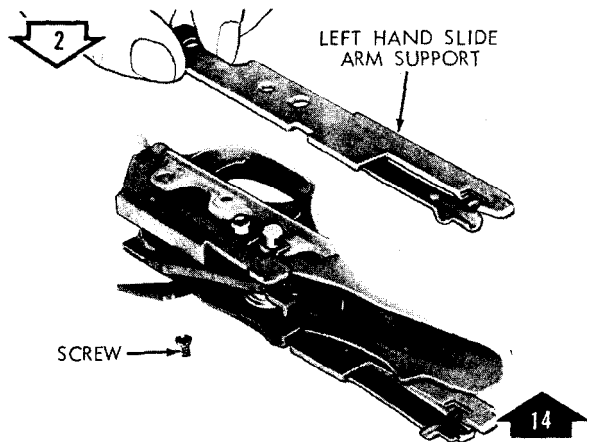
INSTALL BREECH BOLT GROUP ON FORE END GROUP.

WE 60061

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

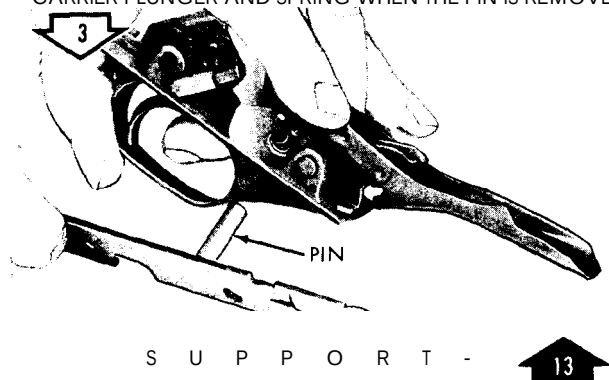


REMOVE/INSTALL TRIGGER STOP PIN SCREW.

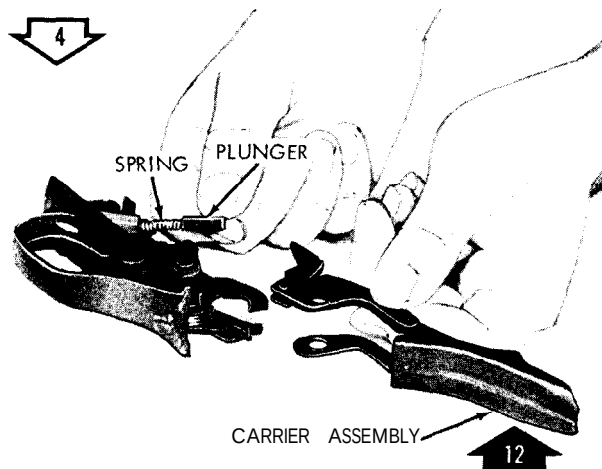


REMOVE/INSTALL LEFT HAND SLIDE ARM SUPPORT.

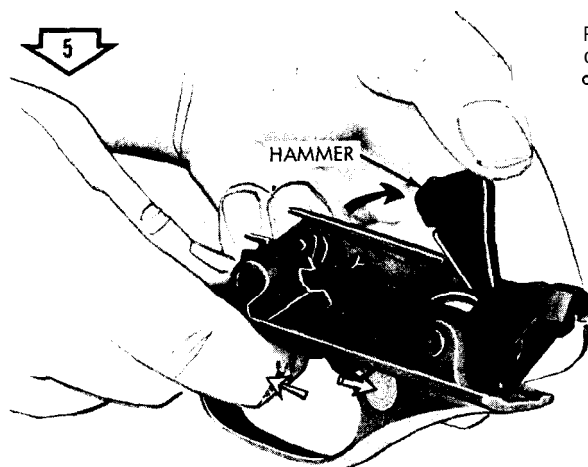
CAUTION: THE CARRIER PIN IS A COMPONENT OF RH SLIDE ARM SUPPORT. WHEN REMOVING SUPPORT, PLACE THUMB OR FINGER OVER CARRIER ASSEMBLY TO PREVENT LOSS OF CARRIER PLUNGER AND SPRING WHEN THE PIN IS REMOVED.



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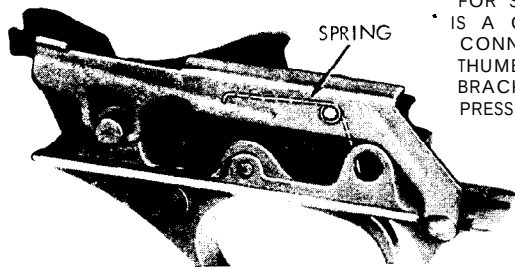
1. PUSH SAFETY TO "OFF" (UNLOCKED) POSITION.
2. PULL TRIGGER.

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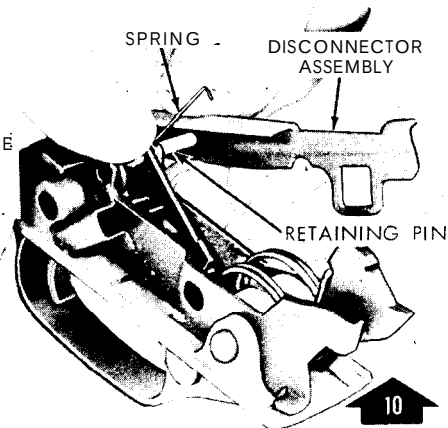
NOTE: DOTTED LINE SHOWS PROPER POSITION OF DISCONNECTOR SPRING AT ASSEMBLY.

LOCATION OF DISCONNECTOR AND SPRING.

11

6

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



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

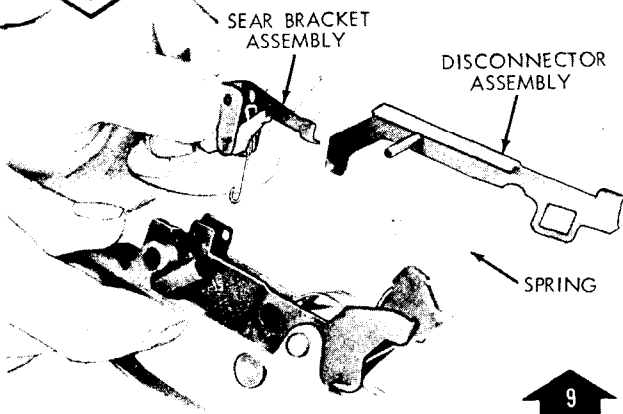
10

7

SEAR BRACKET ASSEMBLY

DISCONNECTOR ASSEMBLY

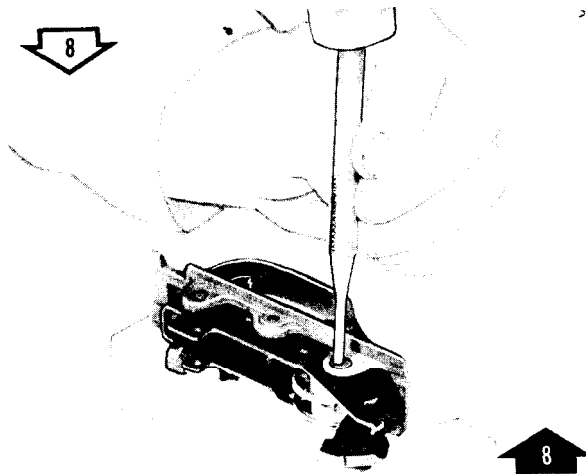
SPRING



REMOVE/INSTALL SEAR BRACKET ASSEMBLY.

9

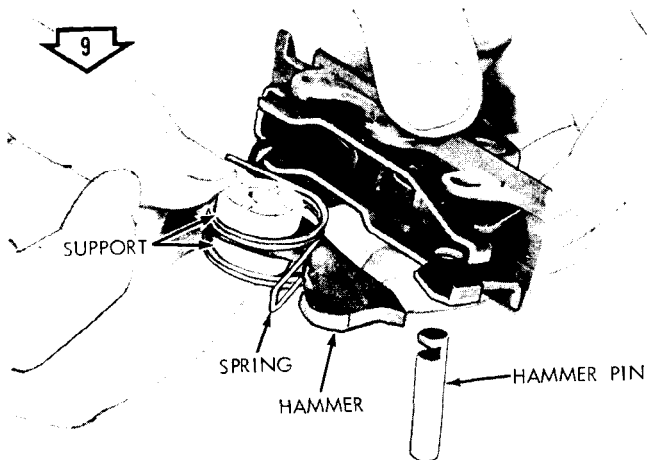
8



REMOVE/INSTALL HAMMER PIN.

8

9



REMOVE/INSTALL HAMMER GROUP.

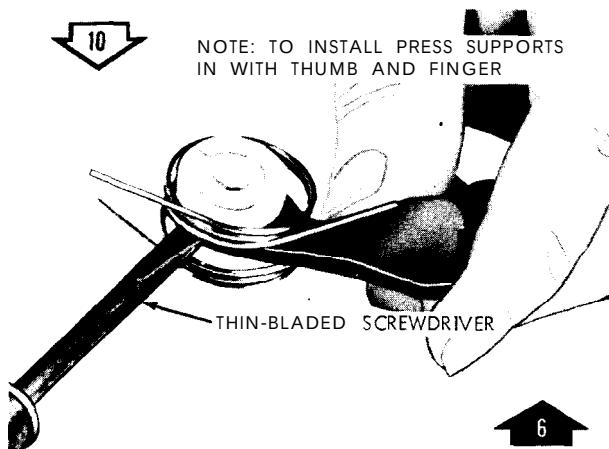
NOTE: WHEN ASSEMBLING HAMMER PIN, HAMMER SPRING SUPPORTS AND HAMMER, NOTE THAT THESE COMPONENTS EACH CONTAIN A FLAT CUT, AND MUST BE IN PROPER ALINEMENT WITH HAMMER HOUSING AT TIME OF ASSEMBLY.

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

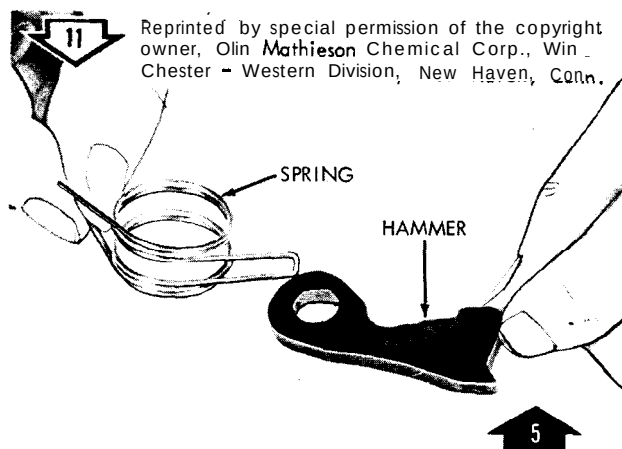
7

WE 60066

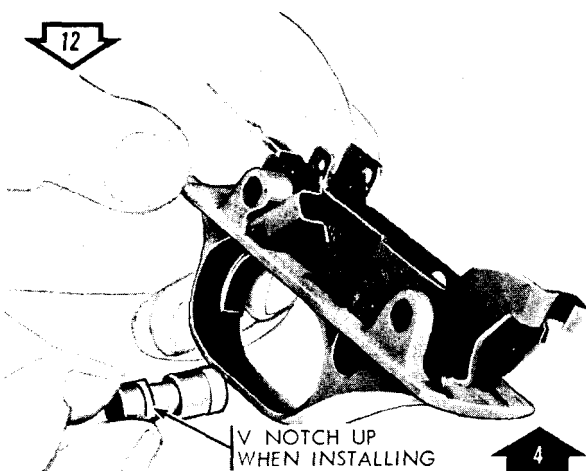
Figure 5-8. *Disassembly/assembly Of trigger guard group (2 of 3).*



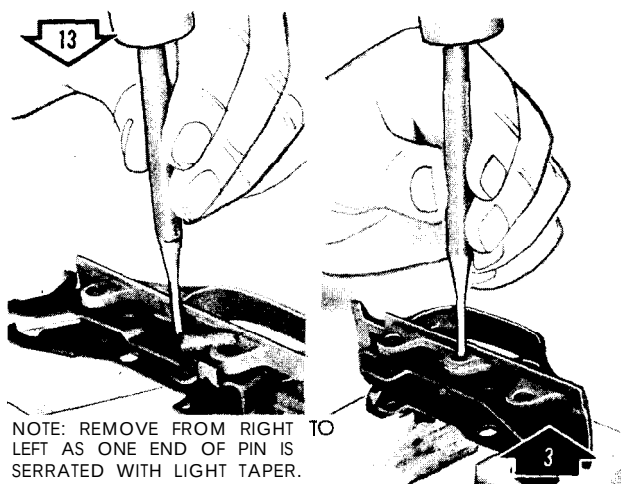
REMOVE/INSTALL HAMMER SPRING SUPPORTS.



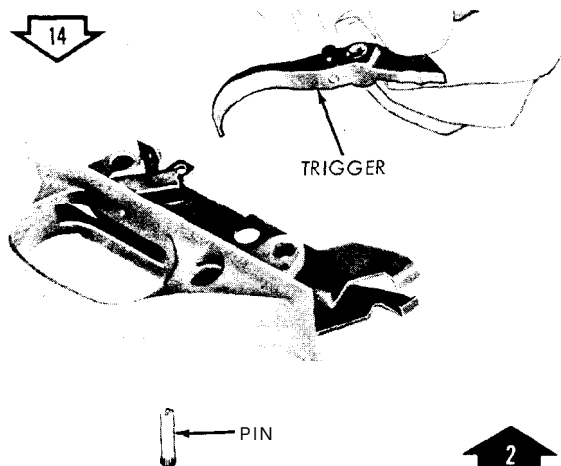
SEPARATE/ASSEMBLE HAMMER AND HELICAL TORSION SPRING.



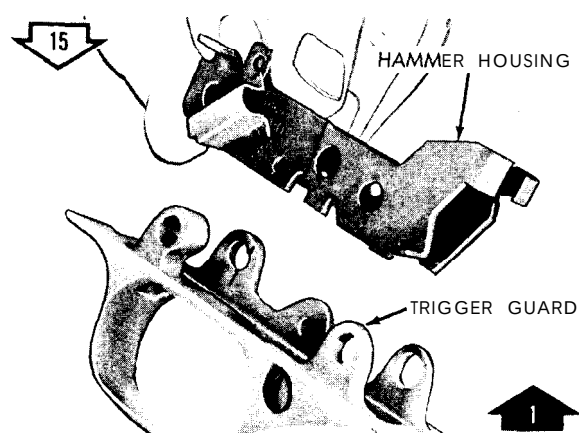
REMOVE/INSTALL SAFETY



REMOVE/INSTALL TRIGGER PIN.



REMOVE/INSTALL TRIGGER.



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).

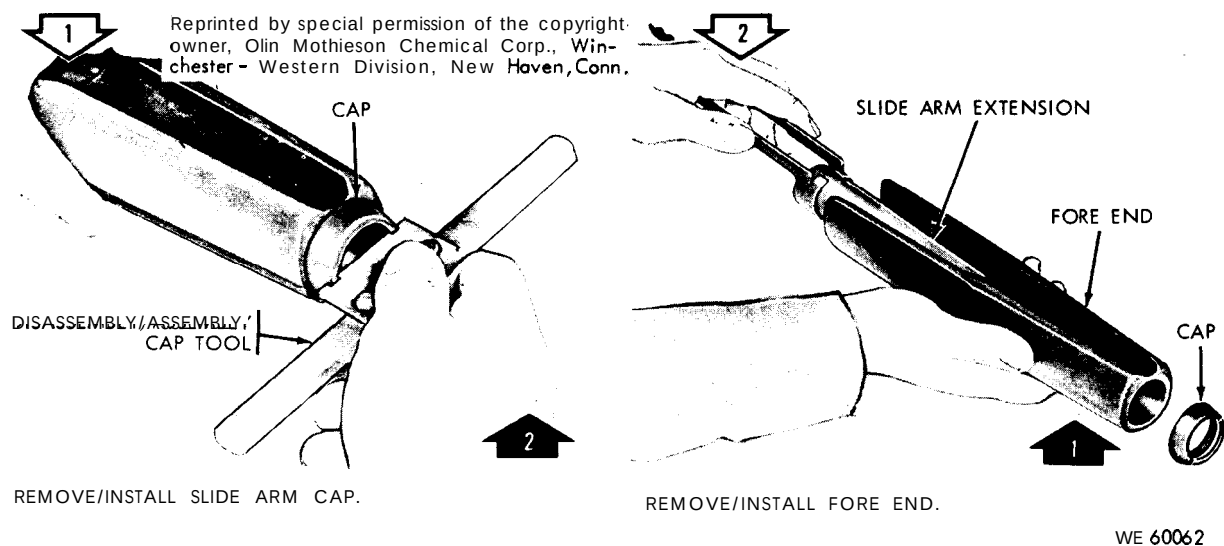
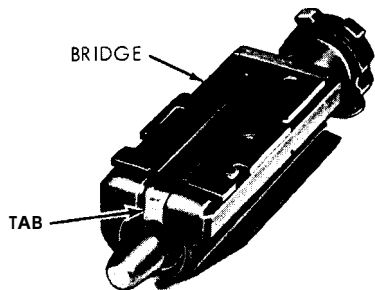
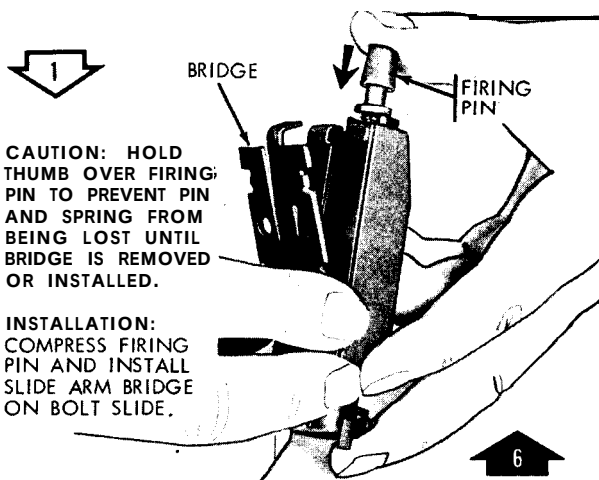


Figure 5-10. Disassembly/assembly of fore end group.

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



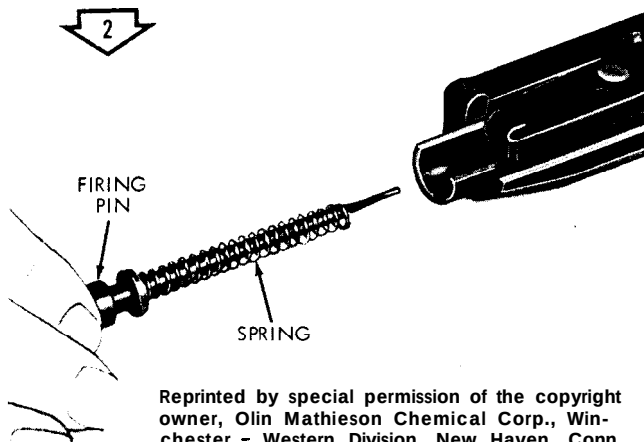
SLIDE ARM BRIDGE INSTALLED.



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

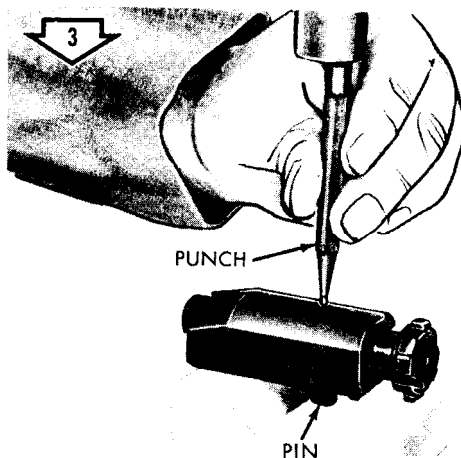
INSTALLATION: COMPRESS FIRING PIN AND INSTALL SLIDE ARM BRIDGE ON BOLT SLIDE.

REMOVE/INSTALL SLIDE ARM BRIDGE.

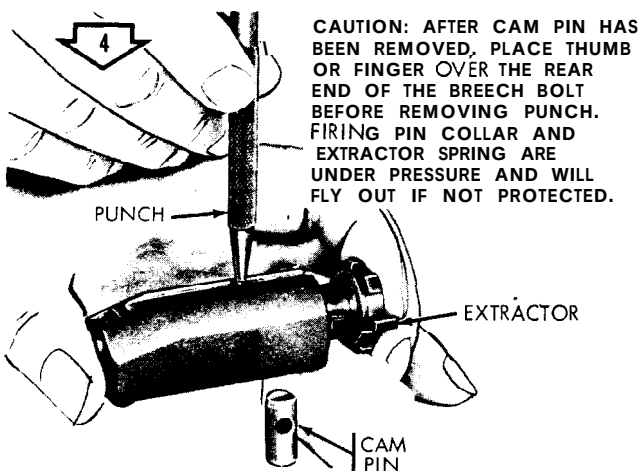


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REMOVE FIRING PIN AND SPRING.

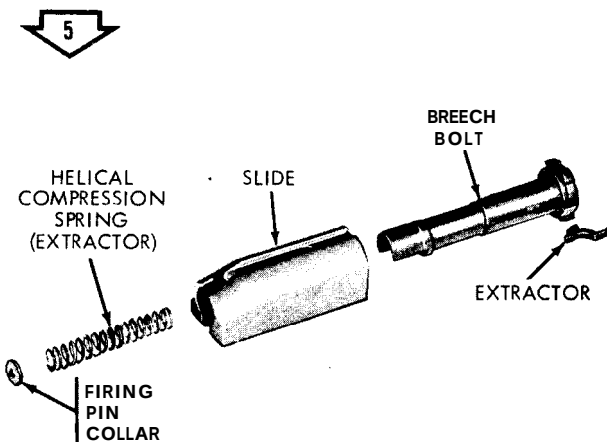


REMOVE CAM PIN.



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.

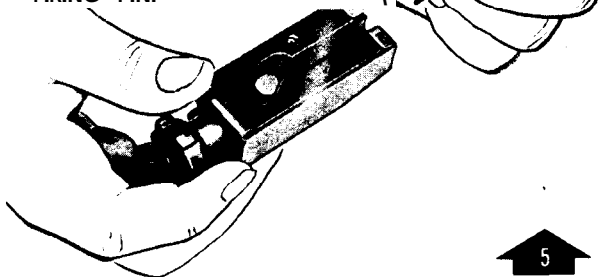


REMOVE FIRING PIN COLLAR, HELICAL COMPRESSION SPRING, EXTRACTOR AND BREECH BOLT.

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.



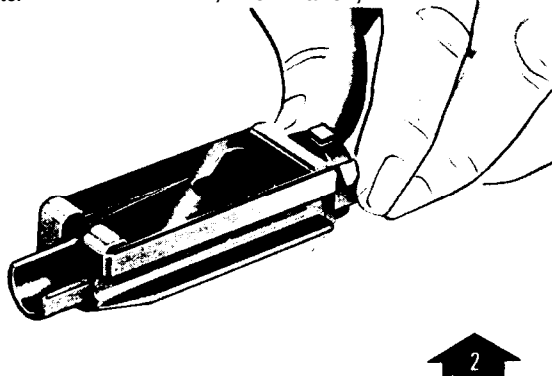
INSTALL FIRING PIN AND HELICAL COMPRESSION SPRING (FIRING PIN).

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.

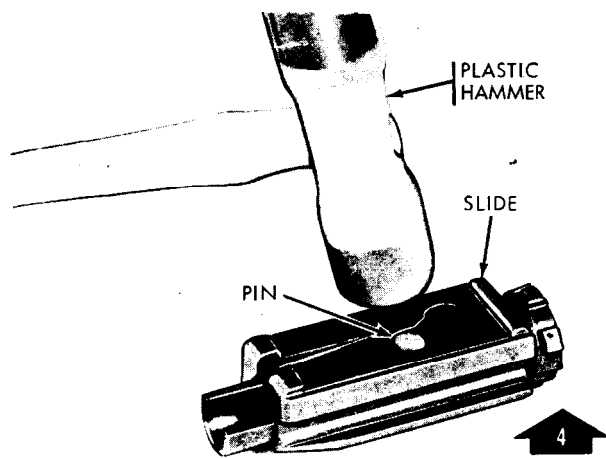
CAUTION: DO NOT HAVE YOUR FACE IN LINE WITH BACK END OF BOLT DURING THIS OPERATION. PUSH CAM PIN IN AS FAR AS IT WILL GO. AT THIS POINT COLLAR MAY PREVENT PIN FROM SEATING FULLY. IF NECESSARY, USE A SMALL ROD OR SCREWDRIVER TO DEPRESS THE UPPER EDGE OF COLLAR WHILE SEATING CAM PIN.

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.

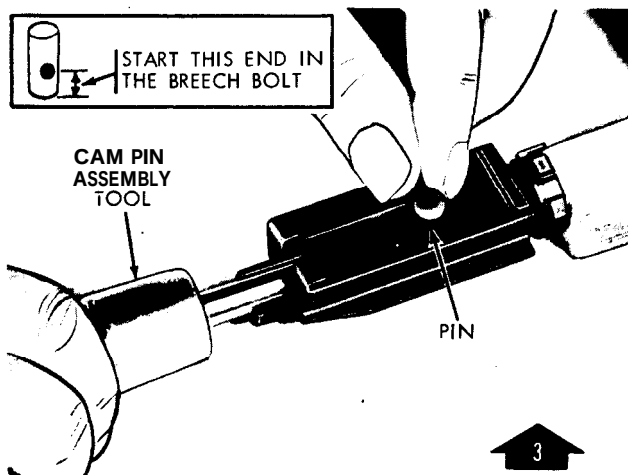
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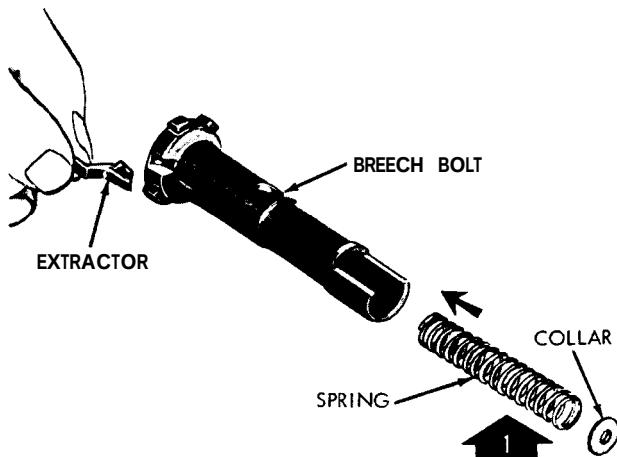
INSTALL BREECH BOLT.



SEAT CAM PIN.



INSTALL CAM PIN.



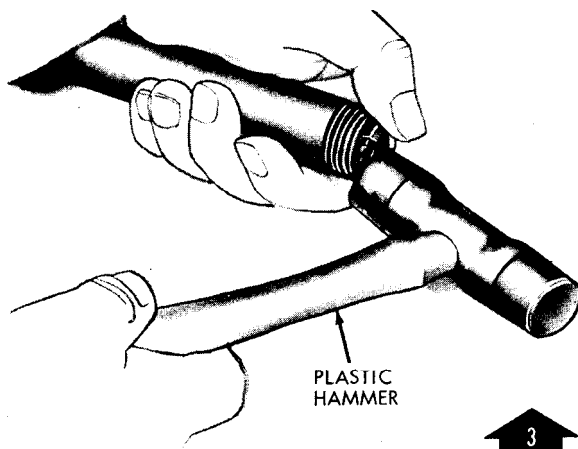
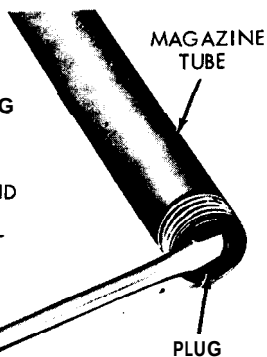
INSTALL EXTRACTOR, SPRING AND COLLAR.

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.

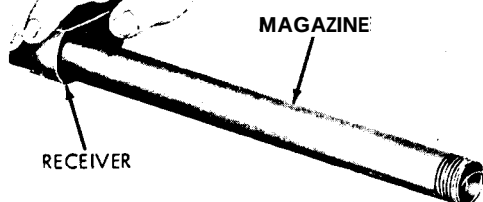


INSTALL MAGAZINE PLUG.

3

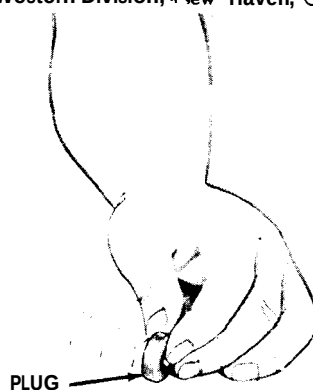
2

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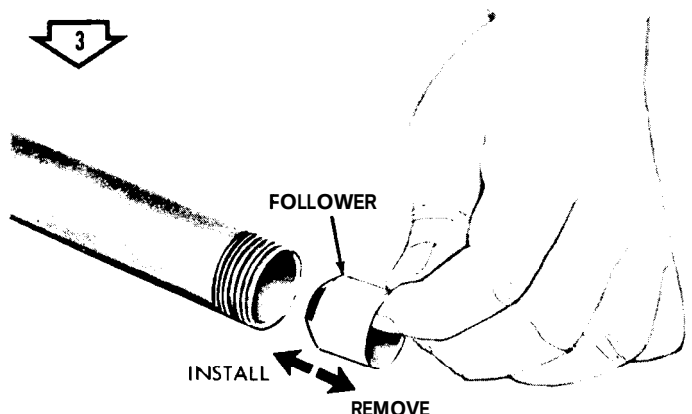
NOTE: DO NOT ATTEMPT TO REMOVE MAGAZINE FROM RECEIVER AS THIS IS A FACTORY ASSEMBLY OPERATION ONLY.

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



2

3



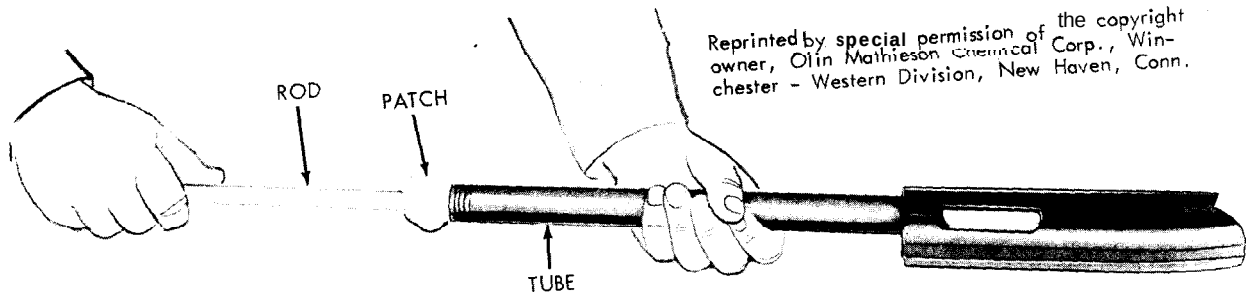
REMOVE/INSTALL MAGAZINE FOLLOWER.

1

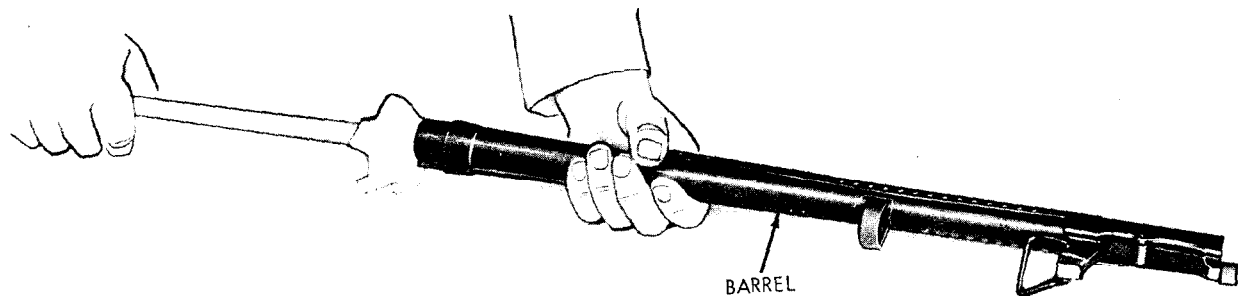
WE 60069

Figure 5-13. Disassembly/assembly of magazine.

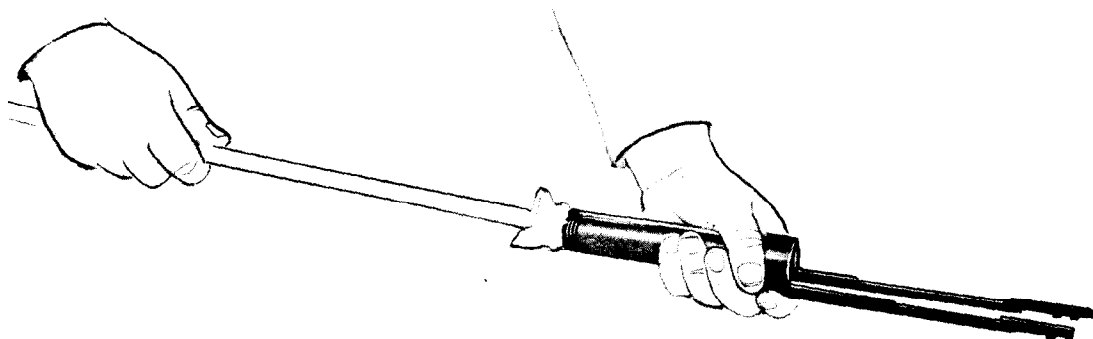
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A - CLEANING MAGAZINE TUBE.



B - CLEANING BARREL.

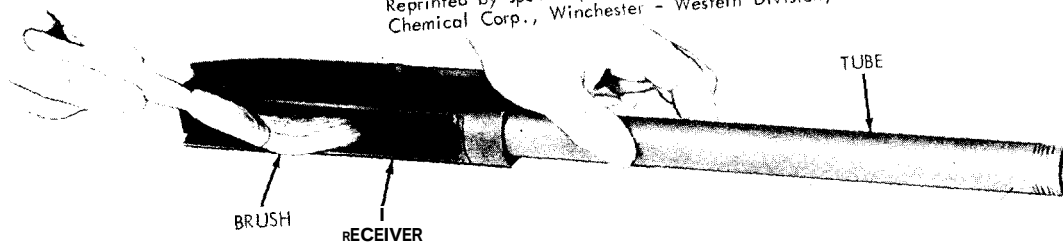


C - CLEANING SLIDE ARM EXTENSION.

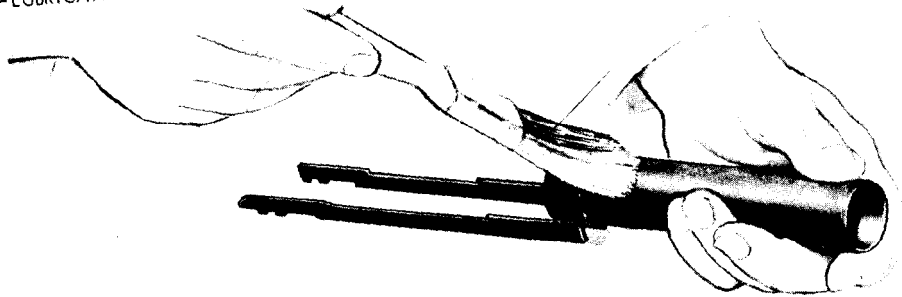
WE 60071

Figure 5-14. Cleaning instructions.

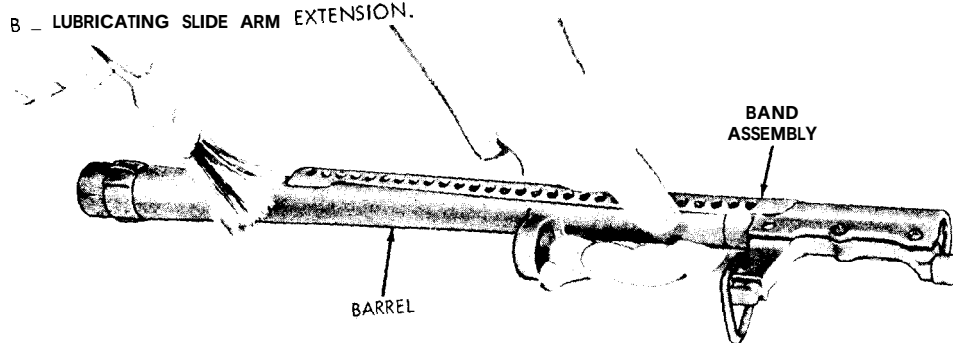
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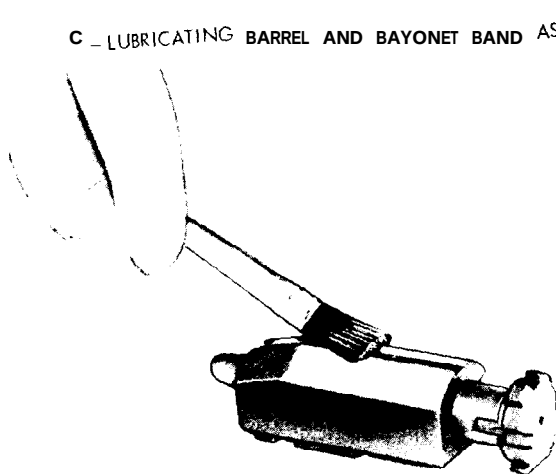
A - LUBRICATING RECEIVER AND MAGAZINE TUBE.



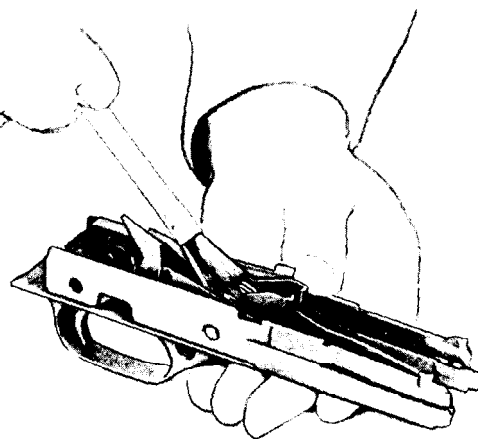
B - LUBRICATING SLIDE ARM EXTENSION.



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.

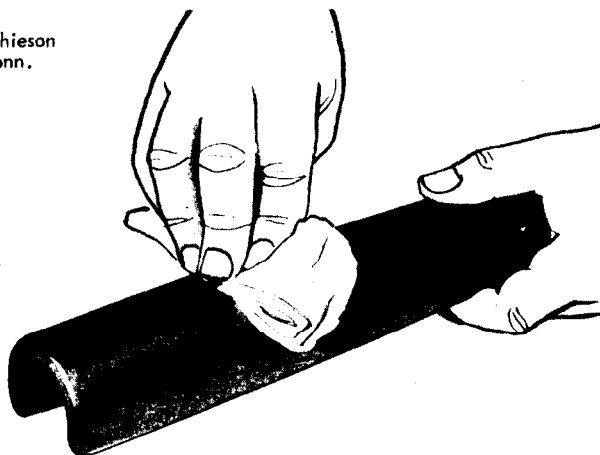
AGO 20027

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NOTE: RUB LINSEED
OIL IN WOOD TO
TREAT STOCK.

A. STOCK WITH SWIVEL ASSEMBLY.



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, M1.** (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, M1.** Refer to figure 6-2.

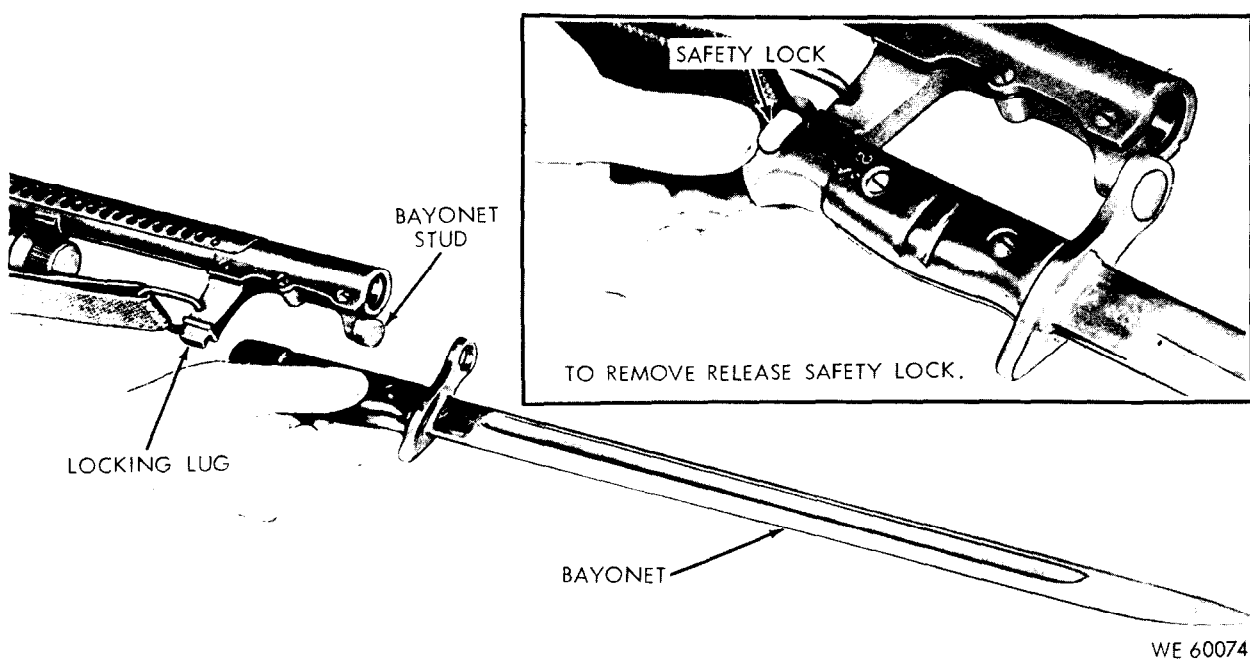


Figure F-1. Remove/install bayonet, B1917.

6-4. Disassembly/Assembly

None authorized.

6-5. Cleaning, Inspection and Repair

a. *Cleaning.*

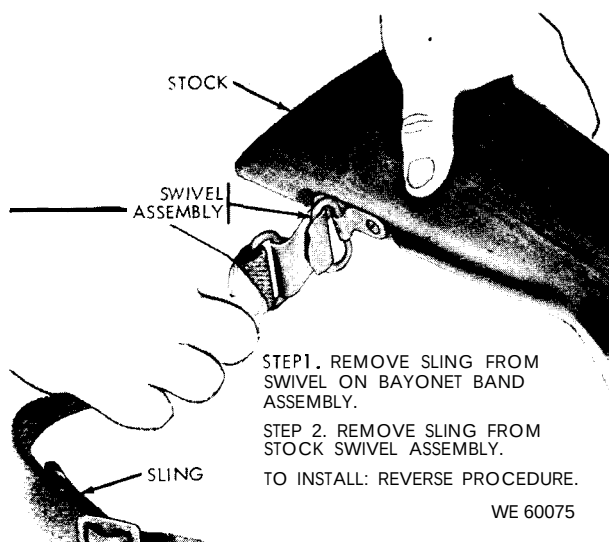


Figure 6-2. Remove/install sling.

(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. Repaint 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.

CHAPTER 7

AMMUNITION

7-1. General

The ammunition (fig. 7-1) for the shotgun is classified as small arms ammunition and is issued in the form of a complete round. The cartridge consists of the lead pellets (00 buckshot), cartridge case (which is water proofed), wadding, propellant powder and primer necessary to fire the weapon. For additional information, refer to SC 1305/30-IL and TM 9-1305-200.

7-2. Functioning Test

Function fire shotgun with once-fired empty rounds (para 5-6).

Note. The empty round should be weighted to approximately the same weight as a "live" round.

7-3. Malfunctions Involving Ammunition and Explosives

Refer to TM 9-1300-206.

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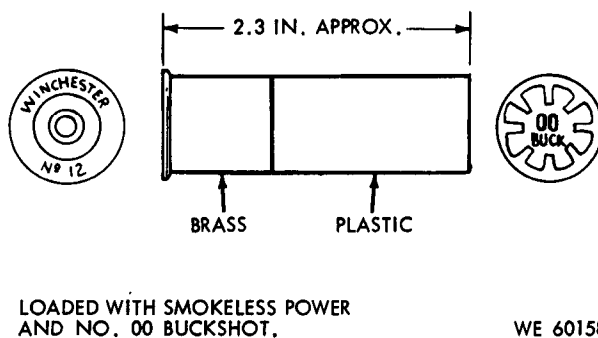


Figure 7-1. 12-gage shotgun cartridge.

CHAPTER 8

FINAL INSPECTION

8-1. Inspection Procedures

Refer to table 8-1.

Table 8-1. Final Inspection

Component or assembly	Point or item of inspection	Method of inspection	Acceptable condition
Shot gun		Visual	Complete and serviceable weapon.
	Exposed surfaces (metal).	Visual	Dull finish (phosphate). Free of scratches and abrasions.
	Exposed surfaces (wood).	Visual	Smooth finish (linseed oil). Free of cracks, chips and gouges.
Trigger pull	Trigger	Functional	3.5 lb minimum to 8.0 lb maximum.
Gun shoulder stock group.		Visual	Must fit mating surfaces of receiver.
	Butt plate	Visual	Must be secured to stock. Mounting holes must not be stripped. Scratches and small gouges are acceptable.
	Swivel assembly	Visual	Must be free swinging and properly secured to stock.
Barrel	Bore and chamber	Visual	Must be free of powder residue, bulges, cracks, and deep pits.
Bayonet band assembly.	Guard and adapter	Visual	Hand guard must be firmly secured to adapter. Locking lug of adapter must be free of burs. Swivel must be free swinging. Front sight must not be loose or protrude through adapter.
Trigger guard group.		Visual	Will not bind or fit loosely in receiver.
	Safety	Functional	Must function properly in "ON" and "OFF" positions without binding and provide a positive stop.
	Trigger guard	Visual	Will not be cracked or damaged which will impair movement of trigger and safety.
	Trigger	Functional	Cock and pull trigger. Any evidence of creep must be removed.
	Carrier assembly	Functional	Must function up and down freely.
	Left and right hand slide arms supports.	Visual	Will not have burs or be bent.
		Functional	Hand function weapon with five empty rounds to insure that shell stop and cartridge cutoff function properly.
Fore end group		Visual	Will not have cracks or other damage. Must function freely with receiver and magazine group and slide arm extension.

Table 8-1. Final Inspection—Continued

Component or assembly	Point or item of inspection	Method of inspection	Acceptable condition
Breech bolt group	Firing pin hole	Visual	Must be secured to slide arm supports.
	Extractor	Visual	Must be free of residue and corrosion.
	Extractor spring	Visual	Free of burs, hand spring tension and the hook will not be cracked or mutilated.
Magazine	Magazine tube	Visual	Press on extractor, with thumb, to see if spring is providing proper tension. Must not be weak.
	Magazine plug, follower.		Must be secured to receiver.
Magazine cap			Must be free of burs, dents, bulges and rust. Follower must slide easily into magazine tube.
Receiver group		Visual	Must be secured to magazine tube.
	Ejector	Functional or visual	Will be free of burs, dents, and bulges on all operating surfaces.
	Ejector support pin	Functional or visual	Will be free of burs and not bent. Should eject empty cartridges.
			Will be free of burs and not broken or bent.

8-2. Functioning and Firing Tests

a. Shotguns will be hand functioned in accordance with paragraph 5-6 and fired on a firing range or a provisional range using five "live" cartridges. Shotguns which fail to meet the functioning and firing tests are to be corrected by the replacement of defective components.

b. Upon completion of firing, shotguns will be properly cleaned and lubricated (para 3-4).

8-3. Completion of Inspection

When shotgun has been restored to a serviceable condition, and inspected to certify serviceability, it will be returned to the user or to stock.

CHAPTER 9

ADMINISTRATIVE STORAGE AND DEMOLITION OF MATERIEL TO PREVENT ENEMY USE

9-1. Administrative Storage

Refer to TM 740-90-1.

9-2. Demolition of Materiel To Prevent Enemy Use

a. Destruction of the shotgun 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. The authority for ordering the destruction of equipment is vested in divisional or higher commanders when the situation requires. 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 cannibaliza-

tion. The reporting of the destruction of equipment is to be done through command channels.

b. Priorities for destruction of parts and equipment are:

Receiver and magazine group

Barrel assembly and bayonet band assembly

Breech bolt group

Trigger guard group

c. The same priority for destruction of component parts of a major item necessary to render that item inoperable must 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.

Index of Administrative Publications	DA Pam 310-1
Index of Army Films, Transparencies, GTA Charts, and Recordings	DA Pam 108-1
Index of Blank Forms	DA Pam 310-2
Index of Doctrinal, Training, and Organizational Publications	DA Pam 310-3
Index of Graphic Training Aids and Devices	DA Pam 310-5
Index of Supply Catalogs and Supply Manuals (Excluding Types 7, 8 and 9)	DA Pam 310-6
Index of Technical Manuals, Technical Bulletins, Supply Manuals, (Types 7, 8 and 9) Supply Bulletins, and Lubrication Orders	DA Pam 310-4

A-2. Supply Catalogs

Sets, Kits and Outfits Components Lists, Tool Set, Direct and General Support Maintenance, Basic Small Arms	SC 4933-95-CL-E04
Ammunition and Explosives	SC 1305/30-IL

A-3. Forms

The following forms pertain to this material.

- DA Form 2028, Recommended Changes to DA Technical Manual, Parts Lists or Supply Manual 7, 8 and 9
- DA Form 2407, Maintenance Request

A-4. Other Publications

The following explanatory publications pertain to this materiel.

a. Ammunition.

Care, Handling, Preservation and Destruction of Equipment	TM 9-1300-206
Small Arms Ammunition	TM 9-1305-200

b. Cleaning.

Cleaning of Ordnance Materiel	TM 9-208-1
Materials Used for Cleaning, Preserving, Abrading, and Cement-	

ing Ordnance Materiel and Related Materials Including Chemicals

	TM 9-247
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c. Inspection.

Small Arms Weapons: Standards for Visual Inspection of Barrels	TB ORD 437
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Standards for Oversea Shipment or Domestic Issue of Small Arms,
Aircraft Armament, Towed Howitzers, Mortars, Recoilless Rifles,
Rocket Launchers and Associated Fire Equipment TB 9-1000-247-35

d. Issue of Supplies and Equipment.

The Army Equipment Record Procedures TM 38-750

e. Logistics.

Operation and Maintenance of Army Materiel in Extreme Cold
Weather 0° to -65° TM 9-207

f. Storage.

Administrative Storage of Equipment TM 740-90-1

APPENDIX B

COMBINED ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT 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, direct support and general support maintenance of the Winchester Shotgun, Model 1200.

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 shotgun and are required by the operator/crew for installation, operation, or maintenance.

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

c. Prescribed Load Allowance (PLA). Not applicable.

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

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

f. Repair Parts—Section VI. A list of repair parts authorized for the performance of maintenance at the direct support and general

support level in figure and item number sequence.

g. Special Tools, Test and Support Equipment—Section VII. A list of special tools, test and support equipment authorized for the performance of maintenance at the direct support and general support level.

h. Federal Stock Number and Reference Number Index—Section VIII. A list of Federal stock numbers in ascending numerical sequence, followed by a list of reference numbers appearing in all the listings, in ascending alphanumeric sequence, crossreferenced 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 VII.

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

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

Code	Explanation
P	Repair parts which are stocked in or supplied from the GSA/DSA, or Army supply system, and authorized for use at indicated maintenance categories.
M	Repair parts which are not procured or stocked but are manufactured at indicated maintenance categories.
A	Assemblies which are not procured or stocked as such but are made up of two or more units, each of which carry individual FSNs and descriptions and are procured and stocked and can be assembled by units at indicated maintenance categories.

Code	Explanation
X	Parts and assemblies which are not procured or stocked; the mortality of which is normally below that of the applicable end item; and the failure of which should result in retirement of the end item from the supply system.
X1	Repair parts which are not procured or stocked, the requirements for which will be supplied by use of next higher assembly or component.
X2	Repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain through cannibalization; if not obtainable through cannibalization, such repair parts will be requisitioned with supporting justification through normal supply channels.
C	Repair parts authorized for local procurement. When not obtainable from local procurement, such repair parts will be requisitioned through normal supply channels with a supporting statement of nonavailability from local procurement.
G	Major assemblies that are procured with PEMA funds for initial issue only to be used as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above DSU and GSU level or returned to Depot supply level.

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

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

(3) *Recoverability Code.* Indicates whether unserviceable items should be returned for recovery or salvage.

Code	Explanation
R	Repair parts and assemblies which are economically repairable at DSU and GSU activities and are normally furnished by supply on an exchange basis.
T	High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts are normally repaired or overhauled at depot maintenance activities.
U	Repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, high dollar value reusable casings, etc.
S	Repair parts and assemblies which are economically repairable at DSU and GSU activities and normally are furnished by supply on an exchange basis. However, when these items are determined to be uneconomically repairable by a GSU they will be evacuated to a depot for evaluation and analysis before final disposition.

No Code Indicated Parts will be considered expendable.

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 and a brief description of the item. 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. Repair parts quantities included in the kits, sets, and assemblies are shown in front of the repair part name.

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 or assembly. A "V" appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated (e.g. shims, spacers, etc).

f. *Quantity Furnished with 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 sub-column 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 "RE" 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 prescribed 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. Revision to the range of item authorized will be made by Headquarters, U.S. Army Weapons Command based upon engineering experience and demand data, or TAERS information.

l. 30-Day DS/GS Maintenance Allowances.

Note. Allowances in GS column are for GS maintenance only.

(1) The allowance columns are divided into three 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. Sub-

sequent appearances of the same item will have the letters "RE" in the applicable 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 DS/GS levels of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

(3) Determination of the total quantity of parts required for maintenance of more than 100 of these equipments can be accomplished 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 40; for 150 equipments multiply 40 by 1.50 or 60 parts required.

m. 1-Year Allowances Per 100 Equipments/Contingency Planning Purposes. Indicates opposite the first appearance of each item the total quantity required for distribution and contingency planning purposes. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year.

n. Illustration.

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

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

B-4. How to Locate Repair Parts

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

(2) *First.* Using the table of contents determine the functional group or subgroup, i.e., stock group, barrel and bayonet band assembly, breech bolt group within which the repair part belongs. This is necessary because separate illustrations are prepared for functional groups or subgroups and listings are divided into the same groups.

(2) *Second.* Find the illustration cover.

ing the functional group or subgroup to which the repair part belongs.

Note. Do not bypass this part of the procedure. Positive identification of the repair part is required.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the functional group or subgroup to which the repair part belongs and 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 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 functional group or subgroup of the repair part and the illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

B-5. Federal Supply Codes for Manufacturers

Code	Manufacturers
19204	Rock Island Arsenal Rock Island, Ill. 61201
19205	Springfield Armory Springfield, Mass. 01101
66118	Olin Mathieson Chemical Corp Winchester-Western Division 275 Winchester Ave New Haven, Conn. 06504

Section II. BASIC ISSUE ITEMS LIST

(1) Source, Maint. and Recov. code			(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty. Inc. In Unit	(6) Qty. Furn. With Equip.	(7) Illustration	
(a) Source	(b) Maint.	(c) Recov.						(a) Fig. no.	(b) Item No.
P	C		1005-913-2602	REPAIR PARTS: NONE AUTHORIZED TOOLS AND EQUIPMENT BAYONET: M1917 11686400 (19204) ROD, CLEANING, SMALL ARMS: M9 6301446 (19204) SCABBARD, BAYONET: M1917 7265706 (19205)	EA EA		1 1	B-1 B-1	3 1
P	C		1005-630-1446		EA		1	B-1	2
P	C		1095-726-5706		EA		1	B-1	4
P	C		1005-654-4058	SLING, SMALL ARMS: M1, WEBBING 6544058 (19204)					

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
SHOTGUN	1005-288-3565	SWAB, SMALL ARMS CLEANING: COTTON 2½ SQ (1000 IN PKG) 5019316 (19205)	*		FOR GENERAL CLEAN- ING AND LUBRICATING PURPOSES (ITEM IS AUTHORIZED FOR USE AS INDICATED BY THE ASTERISK)

Section IV. REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE

(1) Source, Maint. and Recov. code			(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty. Inc. In Unit	(6) 15 Day Organizational Maint. Allowance				(7) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(A) (A)	(B) (B)	(C) (C)	(D) (D)	(A) Figure no.	(B) Item no.
							1-5	6-20	21-50	51-100		
P	O		5305-930-5729	REPAIR PARTS FOR: SCREW, BAYONET BAND: 6284554 (19205)	EA	3	*	*	*	*	B-2	11
P	O		1005-939-7170	BAND ASSEMBLY, BAYONET: 11686389 (19205)	EA	1	*	*	*	*	B-2	12

Section V. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT FOR ORGANIZATIONAL MAINTENANCE

(1) Source, Maint. and Recov. code			(2) Federal Stock No.	(3) Description	(4) Unit of Meas	(5) Qty. Inc. In Unit	(6) 15 Day Organizational Maint. Allowance				(7) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(A) 1-5	(B) 6-20	(C) 21-50	(D) 51-100	(a) Fig. no.	(b) Item No.
P	O		1005-288-3565	TOOLS AND EQUIPMENT AUTHORIZED FOR UNIT REPLACEMENT SWAB, SMALL ARMS CLEANING: COTTON, 2½ SQ (1000 IN PKG) 5019316 (19204)	PG		*	*	*	2		
P	C		1005-630-1446	ROD, CLEANING, SMALL ARMS: M9 6301446 (19204)	EA		*	*	*	2	B-1	1
P	C		1005-654-4058	SLING, SMALL ARMS: M1, WEBBING 6544058 (19204)	EA		*	*	*	2	B-1	4
P	C		1005-913-2602	BAYONET: M1917 11686400 (19204)	EA		*	*	*	2	B-1	3
P	C		1095-726-5706	SCABBARD, BAYONET: M1917 7265706 (19205)	EA		*	*	*	2	B-1	2

Section VI. REPAIR PARTS FOR DIRECT AND GENERAL SUPPORT MAINTENANCE

(1) Source, Maint. and Recov. code			(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty. Inc. In Unit	(6) Direct Support 30-Day Maint. Allowance			(7) General Support 30-Day Maint. Allowance			(8) 1 Yr. Alw. Per 100 Equip/ Cntgcy Plan- ning	(9) Illustration		
(a) Source	(b) Maint.	(c) Recov.					(A) 1-20	(B) 21-50	(C) 51-100	(A) 1-20	(B) 21-50	(C) 51-100		(a) Fig. no.	(b) Item No.	
				REPAIR PARTS FOR: MAJOR GROUPS, ASSEMBLIES AND ATTACHING PARTS												
A				GUN SHOULDER STOCK GROUP				1						B-2	1	
P	F		5305-021-0143	SCREW, BUTT PLATE: PHILLIPS HD 12009112 (66118)			EA	2	*	*	2	*	*	2	24	B-2 2
P	F		1005-809-0721	PLATE, BUTT, SHOULDER: 8812-G-1390 (66118)			EA	1	*	*	2	*	*	2	24	B-2 3
P	F		5306-020-9913	BOLT, MACHINE: 120014102 (66118)			EA	1	*	*	2	*	*	2	24	B-2 4
P	F		5310-017-8687	WASHER, LOCK: 120015102 (66118)			EA	1	*	*	2	*	*	2	24	B-2 5
P	F		1005-614-6873	SCREW, BUTT PLATE, SMALL: SLTD 6146873 (19205)			EA	2	*	*	2	*	*	2	24	B-2 6
P	F		1005-614-7721	SWIVEL ASSEMBLY, SLING: 6147721 (19205)			EA	1	*	*	2	*	*	1	24	B-2 7
P	F		1005-805-3367	STOCK, GUN, SHOULDER: 120013102-D (66118)			EA	1	*	*	2	*	*	2	24	B-2 8
P	F		1005-805-3754	CAP, MAGAZINE: 120034102 (66118)			EA	1	*	*	2	*	*	2	24	B-2 9
A				BARREL AND BAYONET BAND ASSEMBLY				1							B-2	10
P	O		5305-930-5729	SCREW, BAYONET BAND: 6284554 (19205)			EA	3	*	*	2	*	*	2	24	B-2 11
P	O		1005-939-7170	BAND ASSEMBLY, BAYONET: 11686389 (19205)			EA	1	*	*	2	*	*	2	24	B-2 12
P	F		1005-805-3267	SIGHT, FRONT: 11686387 (19204)			EA	1	*	*	2	*	*	2	24	B-2 13
P	F		1005-805-4048	BARREL ASSEMBLY: 120041028 (66118)			EA	1	*	*	2	*	*	2	24	B-2 14
P	F		5315-017-8673	PIN, TRIGGER GUARD: 120066102 (66118)			EA	1	*	*	2	*	*	2	24	B-2 15
A				TRIGGER GUARD GROUP				1							B-2	16
P	F		5305-021-0114	SCREW, RETAINING: SLIDE ARM BRIDGE 12002514 (66118)			EA	1	*	*	2	*	*	2	24	B-2 17
A				FORE END GROUP				1							B-2	18
P	F		1005-805-4246	CAP, SLIDE ARM EXTENSION: 120054102 (66118)			EA	1	*	*	2	*	*	2	24	B-2 19

(1) Source, Maint. and Recov. code			(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty. Inc. In Unit	(6) Direct Support 30-Day Maint. Allowance			(7) General Support 30-Day Maint. Allowance			(8) 1 Yr. Alw. Per 100 Equip/ Cntgcy Plan- ning	(9) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(A) 1-20	(B) 21-50	(C) 51-100	(A) 1-20	(B) 21-50	(C) 51-100		(a) Fig. no.	(b) Item No.
P.	F		1005-805-3709	FORE END, GUN: 120029102-AC (66118)	EA	1	*	*	2	*	*	2	24	B-2	20
P	F		1005-805-4257	EXTENSION, SLIDE ARM: 120055102-NS (66118)	EA	1	*	*	2	*	*	2	24	B-2	21
A				BREECH BOLT GROUP		1								B-2	22
A				RECEIVER AND MAGAZINE GROUP		1								B-2	23
P	F		1005-805-3537	EJECTOR, CARTRIDGE: 120022102 (66118)	EA	1	*	*	2	*	*	2	24	B-2	24
P	F		1005-805-4195	PLUG, MAGAZINE TUBE: 120044102 (66118)	EA	1	*	*	2	*	*	2	24	B-2	25
P	F		1005-805-3409	SPRING, HELICAL COMPRESSION: MAGAZINE 120016212 (66118)	EA	1	*	*	2	*	*	2	24	B-2	26
P	F		1005-805-3939	FOLLOWER, MAGAZINE: 120037102 (66118)	EA	1	*	*	2	*	*	2	24	B-2	27
X				RECEIVER AND MAGAZINE TUBE:										B-2	28
				TRIGGER GUARD GROUP											
P	F		5305-021-0411	SCREW, TRIGGER STOP PIN: 120062102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	1
P	F		1005-805-4259	SUPPORT, LEFT HAND SLIDE ARM: 120057102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	2
P	F		1005-805-4284	SUPPORT, RIGHT HAND SLIDE ARM: 120059102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	3
P	F		1005-805-3425	CARRIER ASSEMBLY: 120017102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	4
P	F		1005-805-3440	PLUNGER, CARRIER PAWL: 120018102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	5
P	F		1005-805-3475	SPRING, HELICAL COMPRESSION: (CARRIER PLUNGER) 120019102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	6
P	F		1005-805-3488	DISCONNECTOR, ASSEMBLY: 120020102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	7
P	F		1005-805-3489	SPRING, HELICAL TORSION: (DISCONNEC- TOR) 120021102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	8
P	F		1005-805-4218	BRACKET ASSEMBLY, SEAR: 120050102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	9
P	F		1005-805-3744	PIN, HAMMER: 120032102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	10

P	F	1005-805-4066	SUPPORT, HAMMER SPRING: 120041270 (66118)	EA	1	*	*	2	*	*	2	24	B-3	11
P	F	1005-805-3745	SPRING, HELICAL TORSION (HAMMER) 120033102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	12
P	F	1005-805-3710	HAMMER, FIRING, SMALL ARMS: 120030102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	13
P	F	1005-805-4201	SAFETY, SMALL ARMS: 120049102-NS (66118)	EA	1	*	*	2	*	*	2	24	B-3	14
P	F	5315-17-8672	PIN, TRIGGER: 120067102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	15
P	F	1005-805-4290	TRIGGER: 120061102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	16
P	F	1005-805-3711	HOUSING, HAMMER: 120031102-NS (66118)	EA	1	*	*	2	*	*	2	24	B-3	17
P	F	1005-805-4291	GUARD, TRIGGER: 120063102-NS (66118)	EA	1	*	*	2	*	*	2	24	B-3	18
BREECH BOLT GROUP														
P	F	1005-805-4244	BRIDGE, SLIDE ARM: 120053102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	1
P	F	1005-805-3632	PIN, FIRING: 120026102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	2
P	F	1005-805-3702	SPRING, HELICAL, COMPRESSION: (FIRING PIN) 120028102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	3
P	F	1005-805-3382	PIN, CAM: 120016102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	4
P	F	1005-805-3686	COLLAR, FIRING PIN: 120027102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	5
P	F	1005-805-3602	SPRING, HELICAL, COMPRESSION: (EXTRACTOR) 120025102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	6
P	F	1005-805-3555	EXTRACTOR, CARTRIDGE: 120024102 (66118)	EA	1	*	*	24	*	*	2	24	B-4	7
P	F	1005-805-4306	BOLT, BREECH: 12008102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	8
P	F	1005-805-3366	SLIDE, BREECH BOLT: 120012102-A (66118)	EA	1	*	*	2	*	*	2	24	B-4	9

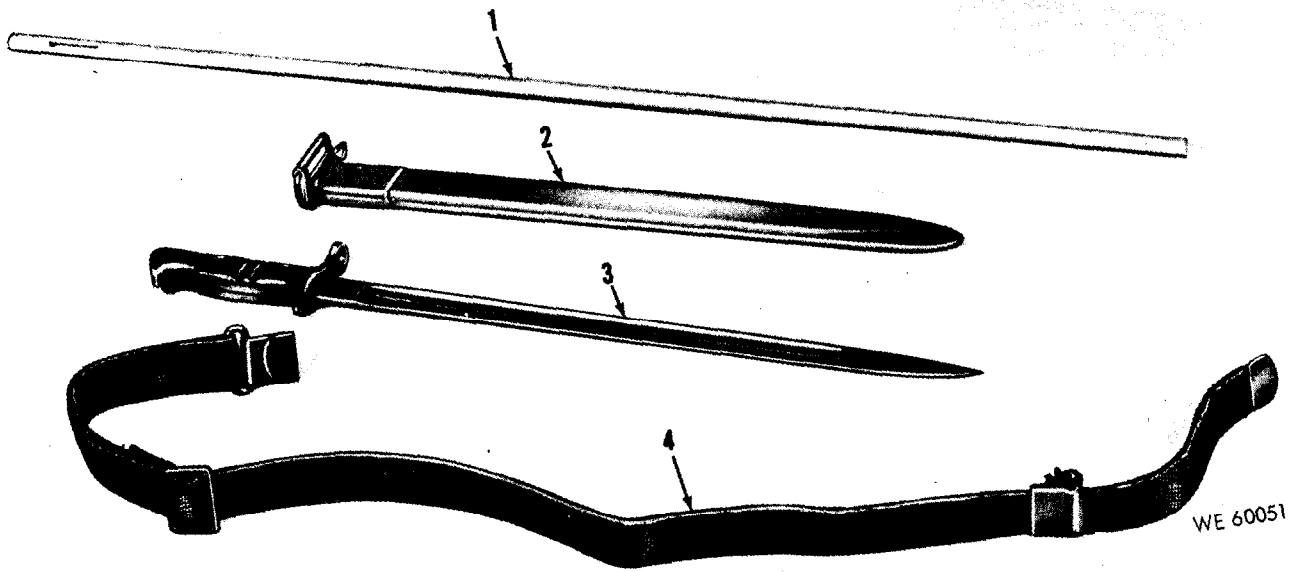
Section VII. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT LIST

(1) Source, Maint. and Recov. code			(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty. Inc. In Unit	(6) Direct Support 30-Day Maint. Allowance			(7) General Support 30-Day Maint. Allowance			(8) 1 Yr. Alw. Per 100 Equip/ Cntgcy Plan- ning	(9) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(A) 1-20	(B) 21-50	(C) 51-100	(A) 1-20	(B) 21-50	(C) 51-100		(a) Fig. no.	(b) Item No.
P	O		1005-288-3565	SWAB, SMALL ARMS, CLEANING: COTTON, 2½ SQ (1000 IN PKG) 5019316 (19204)	PG	--	*	*	2	*	*	2	24	-	-
P	C		1005-630-1446	ROD, CLEANING: M9 6301446 (19204)	EA	--	*	*	2	*	*	2	24	B-1	1
P	C		1005-654-4058	SLING, SMALL ARMS: M1, WEBBING 6544058 (19204)	EA	--	*	*	2	*	*	2	24	B-1	4
P	C		1005-913-2602	BAYONET: M1917 11686400 (19204)	EA	--	*	*	2	*	*	2	24	B-1	3
P	C		1095-726-5706	SCABBARD, BAYONET: M1917 7265706 (19205)	EA	--	*	*	2	*	*	2	24	B-1	2

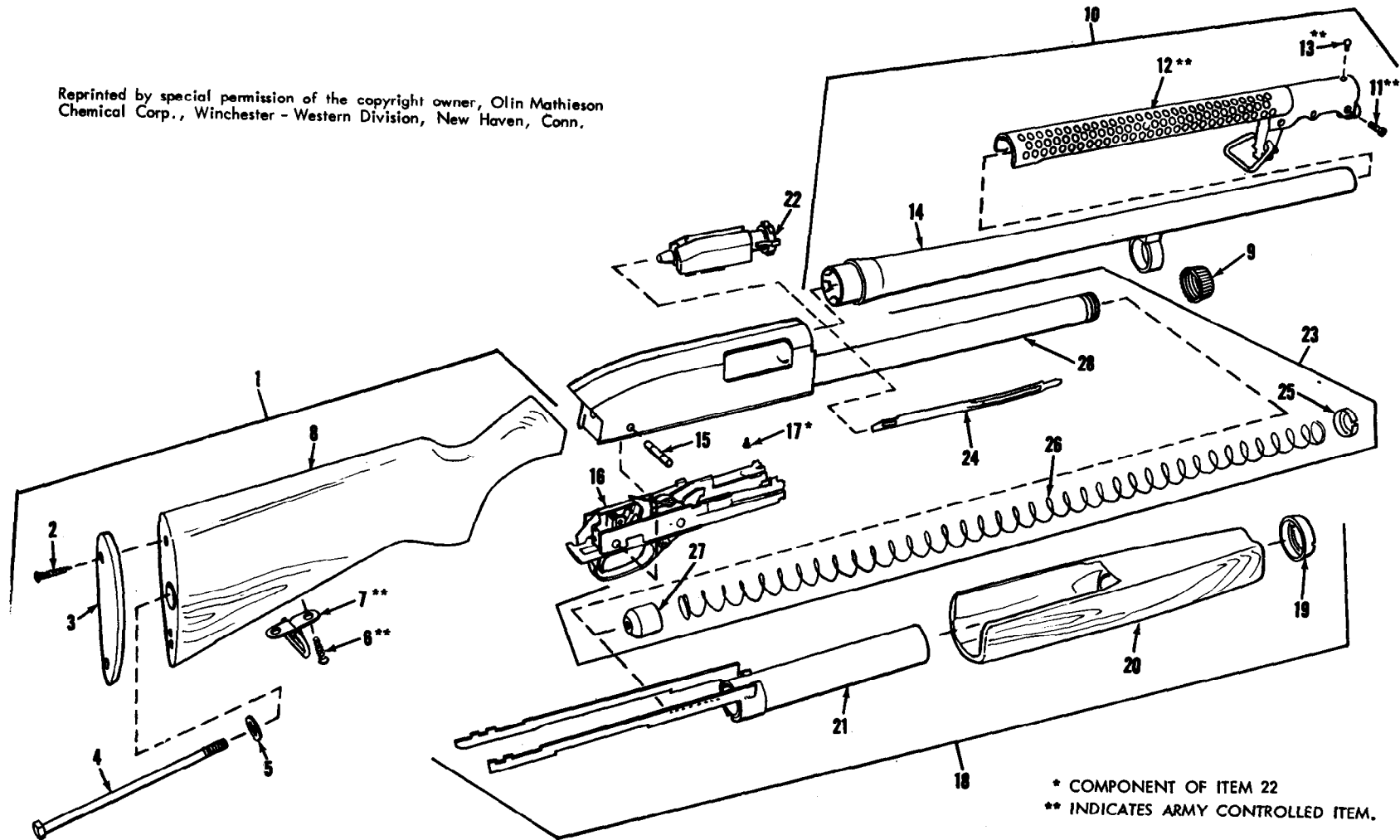
P	F	1005-805-4066	SUPPORT, HAMMER SPRING: 120041270 (66118)	EA	1	*	*	2	*	*	2	24	B-3	11
P	F	1005-805-3745	SPRING, HELICAL TORSION (HAMMER) 120033102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	12
P	F	1005-805-3710	HAMMER, FIRING, SMALL ARMS: 120030102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	13
P	F	1005-805-4201	SAFETY, SMALL ARMS: 120049102-NS (66118)	EA	1	*	*	2	*	*	2	24	B-3	14
P	F	5315-17-8672	PIN, TRIGGER: 120067102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	15
P	F	1005-805-4290	TRIGGER: 120061102 (66118)	EA	1	*	*	2	*	*	2	24	B-3	16
P	F	1005-805-3711	HOUSING, HAMMER: 120031102-NS (66118)	EA	1	*	*	2	*	*	2	24	B-3	17
P	F	1005-805-4291	GUARD, TRIGGER: 120063102-NS (66118)	EA	1	*	*	2	*	*	2	24	B-3	18
BREECH BOLT GROUP														
P	F	1005-805-4244	BRIDGE, SLIDE ARM: 120053102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	1
P	F	1005-805-3632	PIN, FIRING: 120026102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	2
P	F	1005-805-3702	SPRING, HELICAL, COMPRESSION: (FIRING PIN) 120028102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	3
P	F	1005-805-3382	PIN, CAM: 120016102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	4
P	F	1005-805-3686	COLLAR, FIRING PIN: 120027102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	5
P	F	1005-805-3602	SPRING, HELICAL, COMPRESSION: (EXTRACTOR) 120025102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	6
P	F	1005-805-3555	EXTRACTOR, CARTRIDGE: 120024102 (66118)	EA	1	*	*	24	*	*	2	24	B-4	7
P	F	1005-805-4306	BOLT, BREECH: 12008102 (66118)	EA	1	*	*	2	*	*	2	24	B-4	8
P	F	1005-805-3366	SLIDE, BREECH BOLT: 120012102-A (66118)	EA	1	*	*	2	*	*	2	24	B-4	9

Section VII. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT LIST

(1) Source, Maint. and Recov. code			(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty. Inc. In Unit	(6) Direct Support 30-Day Maint. Allowance			(7) General Support 30-Day Maint. Allowance			(8) 1 Yr. Alw. Per 100 Equip/ Cntgcy Plan- ning	(9) Illustration	
(a) Source	(b) Maint.	(c) Recov.					(A) 1-20	(B) 21-50	(C) 51-100	(A) 1-20	(B) 21-50	(C) 51-100		(a) Fig. no.	(b) Item No.
P	O		1005-288-3565	SWAB, SMALL ARMS, CLEANING: COTTON, 2½ SQ (1000 IN PKG) 5019316 (19204)	PG	--	*	*	2	*	*	2	24	-	-
P	C		1005-630-1446	ROD, CLEANING: M9 6301446 (19204)	EA	--	*	*	2	*	*	2	24	B-1	1
P	C		1005-654-4058	SLING, SMALL ARMS: M1, WEBBING 6544058 (19204)	EA	--	*	*	2	*	*	2	24	B-1	4
P	C		1005-913-2602	BAYONET: M1917 11686400 (19204)	EA	--	*	*	2	*	*	2	24	B-1	3
P	C		1095-726-5706	SCABBARD, BAYONET: M1917 7265706 (19205)	EA	--	*	*	2	*	*	2	24	B-1	2

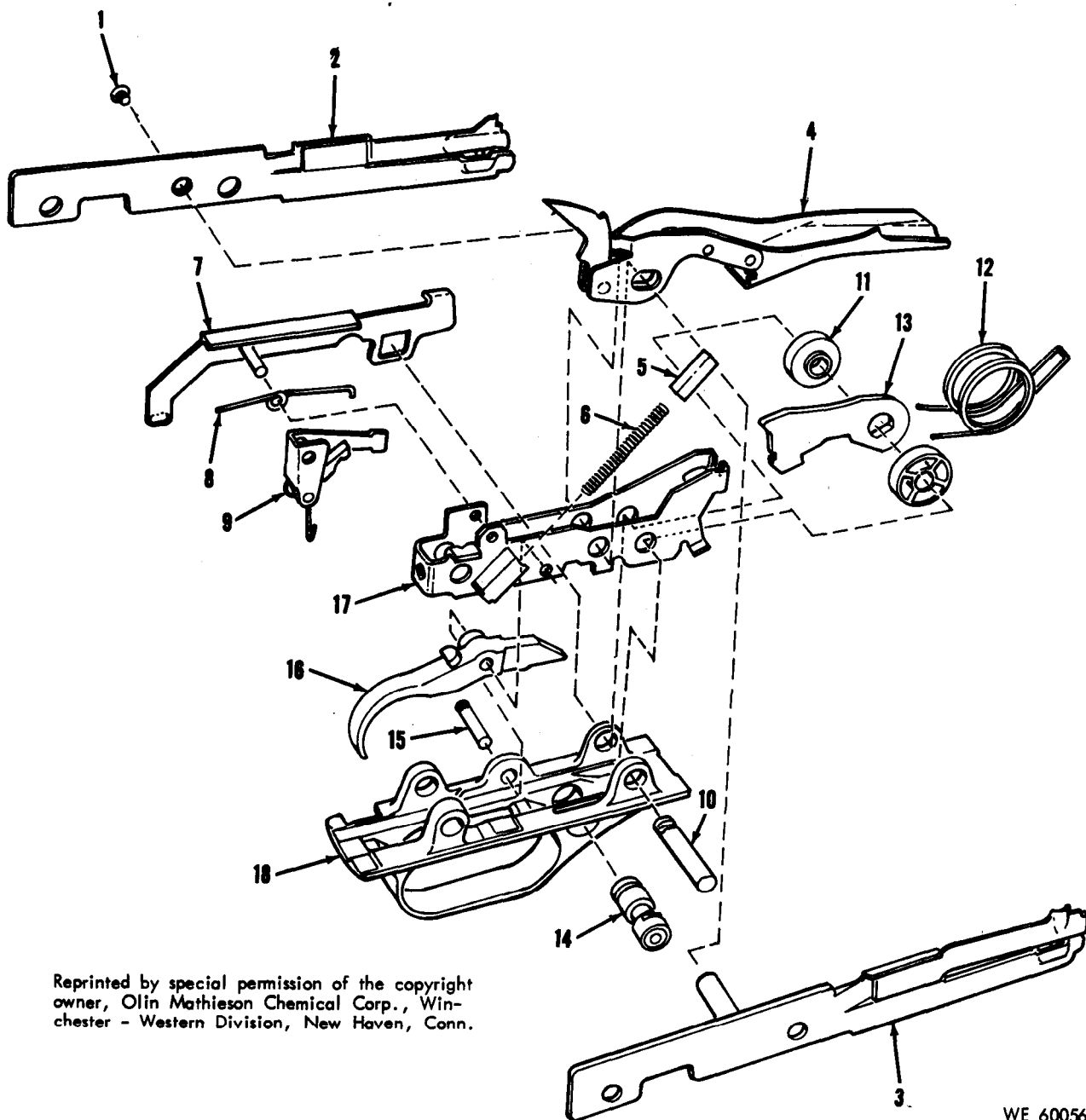


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WE 60054

Figure B-2. Major group assemblies and attaching parts.

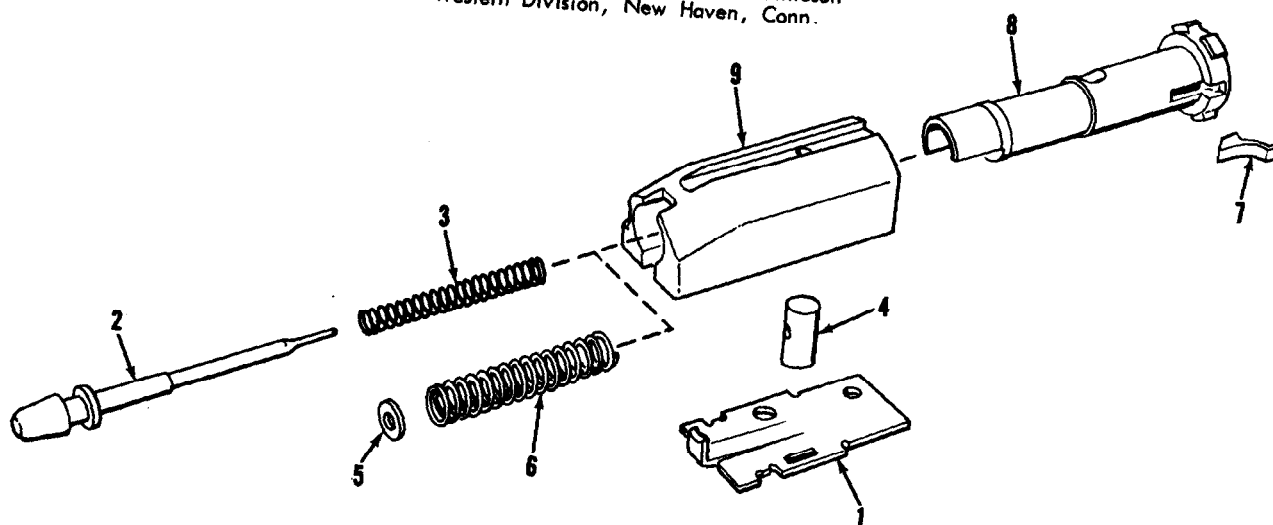


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Figure B-3. Trigger guard group.

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WE 6005

Figure B-4. Breech bolt group.

Section VIII INDEX—FEDERAL STOCK NUMBER AND REFERENCE NUMBER

CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

<i>Stock Number</i>	<i>Figure No.</i>	<i>Item No.</i>	<i>Reference No.</i>	<i>Mfg Code</i>	<i>Fig. No.</i>	<i>Item No.</i>
1005-614-6873	B-2	6	8812-G-1390	66118	B-2	3
1005-614-7721	B-2	7	6146873	19205	B-2	6
1005-630-1446	B-1	1	6147721	19205	B-2	7
1005-654-4058	B-1	4	6284554	19205	B-2	11
1005-805-3267	B-2	13	6301446	19204	B-1	1
1005-805-3366	B-4	9	6544058	19204	B-1	4
1005-805-3367	B-2	8	7265706	19205	B-1	2
1005-805-3382	B-4	4	11686387	19204	B-2	13
1005-805-3409	B-2	26	11686389	19205	B-2	12
1005-805-3425	B-3	4	11686400	19204	B-1	3
1005-805-3440	B-3	5	12002514	66118	B-2	17
1005-805-3475	B-3	6	12008102	66118	B-4	8
1005-805-3488	B-3	7	12009112	66118	B-2	2
1005-805-3489	B-3	8	120014102	66118	B-2	4
1005-805-3537	B-2	24	120015102	66118	B-2	5
1005-805-3555	B-4	7	120016102	66118	B-4	4
1005-805-3602	B-4	6	120016212	66118	B-2	26
1005-805-3632	B-4	2	120017102	66118	B-3	4
1005-805-3686	B-4	5	120018102	66118	B-3	5
1005-805-3702	B-4	3	120019102	66118	B-3	6
1005-805-3709	B-2	20	120020102	66118	B-3	7
1005-805-3710	B-3	13	120021102	66118	B-3	8
1005-805-3711	B-3	17	120022102	66118	B-2	24
1005-805-3744	B-3	10	120024102	66118	B-4	7
1005-805-3745	B-3	12	120025102	66118	B-4	6
1005-805-3754	B-2	9	120026102	66118	B-4	2
1005-805-3939	B-2	27	120027102	66118	B-4	5
1005-805-4048	B-2	14	120028102	66118	B-4	3
1005-805-4066	B-3	11	120030102	66118	B-3	13
1005-805-4195	B-2	25	120032102	66118	B-3	10
1005-805-4201	B-3	14	120033102	66118	B-3	12
1005-805-4218	B-3	9	120034102	66118	B-2	9
1005-805-4244	B-4	1	120037102	66118	B-2	27
1005-805-4246	B-2	19	120041028	66118	B-2	14
1005-805-4257	B-2	21	120041270	66118	B-3	11
1005-805-4259	B-3	2	120044102	66118	B-2	25
1005-805-4284	B-3	3	120050102	66118	B-3	9
1005-805-4290	B-3	16	120053102	66118	B-4	1
1005-805-4291	B-3	18	120054102	66118	B-2	19
1005-805-4306	B-4	8	120057102	66118	B-3	2
1005-809-0721	B-2	3	120059102	66118	B-3	3
1005-913-2602	B-1	3	120061102	66118	B-3	16
1005-939-7170	B-2	12	120062102	66118	B-3	1
1095-726-5706	B-1	2	120066102	66118	B-2	15
5305-021-0114	B-2	17	120067102	66118	B-3	15
5305-021-0143	B-2	2	120012102-A	66118	B-4	9
5305-021-0411	B-3	1	120029102-AC	66118	B-2	20
5305-930-5729	B-2	11	120013102-D	66118	B-2	8
5306-020-9913	B-2	4	120031102-NS	66118	B-3	17
5310-017-8687	B-2	5	120049102-NS	66118	B-3	14
5315-017-8672	B-3	15	120055102-NS	66118	B-2	21
5315-017-8673	B-2	15	120063102-NS	66118	B-3	18

APPENDIX C

MAINTENANCE ALLOCATION CHART

Section I. INTRODUCTION

C-1. General

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

C-2. Maintenance Functions

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

INSPECT	To determine serviceability of an item by comparing its physical and mechanical, and electrical characteristics with established standards.
TEST	To verify serviceability and to detect electrical or mechanical failure by use of test equipment.
SERVICE	To clean, preserve, to charge, and to add fuel, lubricant, cooling agents and air.
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 reading 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 discrepancy in the accuracy of the instrument being compared with the certified standard.
INSTALL	To set up for use in an operational environment such as an emplacement, site, or vehicle.

REPLACE	To replace unserviceable items with serviceable assemblies, subassemblies, or parts.
REPAIR	To restore an item to 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, as prescribed by maintenance serviceability standards, using the Inspect and Repair Only as Necessary (IROAN) Technique.
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

column will be used to specify those tools and test equipment required to perform the designated function.

f. Column e, Remarks. Self-explanatory.

e. Column d, Tools and Equipment. This

Note. Columns not utilized are considered not applicable.

Section II. MAINTENANCE ASSIGNMENT

a Group Number	Component assembly nomenclature b	Maintenance function c										Tools and equipment d	Remarks e	
		Inspect	Test	Service	Adjust	Align	Calibrate	Install	Replace	Repair	Overhaul			Rebuild
1	GUN SHOULDER STOCK GROUP	C		C				F		F				
2	BARREL AND BAYONET BAND ASSEMBLY	C		C				O		O				
2a	BARREL ASSEMBLY	C		C				O	F	O				
2b	BAYONET BAND ASSEMBLY	C		C				O	O	O				
3	TRIGGER GUARD GROUP	C		C				F		F				
4	FORE END GROUP	C		C				F		F				
5	BREECH BOLT GROUP	C		C				F		F				
6	RECEIVER AND MAGAZINE GROUP	C		C				O		F				

By Order of the Secretary of the Army:

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

Official:

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

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