

Firing Pin: With the firing pin assembly removed from the bolt as described above (See Fig. 2.) drive the firing pin cross pin out with a punch, leaving the punch in the hole to hold the parts together to prevent the spring tension from spreading them forcefully; compress the main spring with the bolt plug until the coin, punch and firing pin head can be removed and release the spring tension carefully. Assemble in reverse order.

Ejector: Drive out ejector pin. Leave punch in hole. Compress ejector spring by pressing on ejector. Remove punch. Release ejector slowly until ejector spring is no longer loaded. Remove ejector spring with tail of ejector or top bolt head on wood until ejector spring falls out. Assemble in reverse order.

Bolt Stop: Drive out bolt stop pin, drop rear end of trigger housing, remove bolt stop and bolt stop spring.

Trigger Housing: With bolt stop removed, drive out sear pin. Trigger housing with attached parts can then be removed from bottom of receiver. Remove sear and safety cam from top of trigger housing.

Safety and Bolt Stop Release: With a screwdriver or coin push the safety snap washer out of the slot in the safety pivot pin. The safety detent spring, safety detent ball, safety pivot pin, bolt stop release, and safety can then be removed. Be careful, do not lose the safety detent ball. Remove the front trigger adjusting screw and the trigger spring. Remove the trigger stop screw. Drive out the trigger pin and remove trigger and trigger connector. Assemble in reverse order.

IMPORTANT: No adjustment or removal of the rear trigger adjusting screw is recommended unless replacement is necessary. The rear trigger adjusting screw is set at the factory to engage the trigger cam and provide the correct amount of supporting trigger connector surface beneath the sear.

Full of Trigger: Is adjusted to the desired weight by turning the front trigger adjusting screw clockwise for a heavier weight adjustment and counter clockwise for a lighter weight adjustment.

Travel of the Trigger: May be reduced by turning the trigger stop screw clockwise until the firing pin will not fall when the trigger is pulled. Then while keeping pressure on the trigger, back off the trigger stop screw, counter clockwise, until the firing pin falls. This method of adjustment will allow the least amount of trigger overtravel.

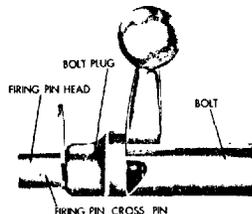


Figure 2

CARE OF RIFLE

Exclusive use of Remington Ammunition with KLEANBORE Priming or Peters Ammunition with JUSTLESS Priming will reduce the amount of care necessary to keep the rifle in good condition. These cartridges are non-corrosive and will not cause rust or corrosion. With jacketed bullets cleaning is unnecessary, other than passing an oily rag through the bore to protect it against extreme moisture when the gun is laid away for some time.

However, if corrosive ammunition is used, clean bore immediately after shooting to prevent residue from rusting or pitting the bore. Cleaning can be done by scrubbing bore with cloth or bristle brush saturated with powder solvent. If this is not available, pour one pint of boiling water through barrel to dissolve residue. Use small funnel to prevent spilling. Wipe clean and dry, then lubricate with light rust preventive oil to prevent rusting. Repeat wiping and oiling again in a day or two.

Should the rifle be fired in sub-zero temperatures special attention should be given to removing excess oil and using dry graphite as a lubricant.

Send all guns for factory service and inquiries on service and parts to

REMINGTON ARMS COMPANY, INC.
Arms Service Division
Ilion, New York

All other inquiries are to be addressed to
REMINGTON ARMS COMPANY, INC.
Bridgeport, Connecticut

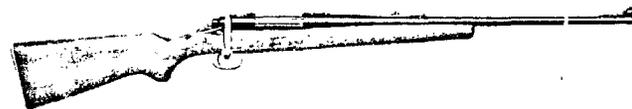
INSTRUCTIONS FOR OPERATION AND CARE

of the

Remington



MODELS 721 AND 722



CENTER FIRE BOLT ACTION RIFLE

IMPORTANT: REMOVE GREASE FROM BORE OF BARREL BEFORE FIRING

REMINGTON ARMS COMPANY, INC. • Ilion, New York, U.S.A

DIRECTIONS FOR OPERATING

Barrel Obstructions: Before loading your gun *always* be sure there are no obstructions in the barrel such as heavy grease, snow, cleaning patches, etc. (See instructions below for removing bolt.)

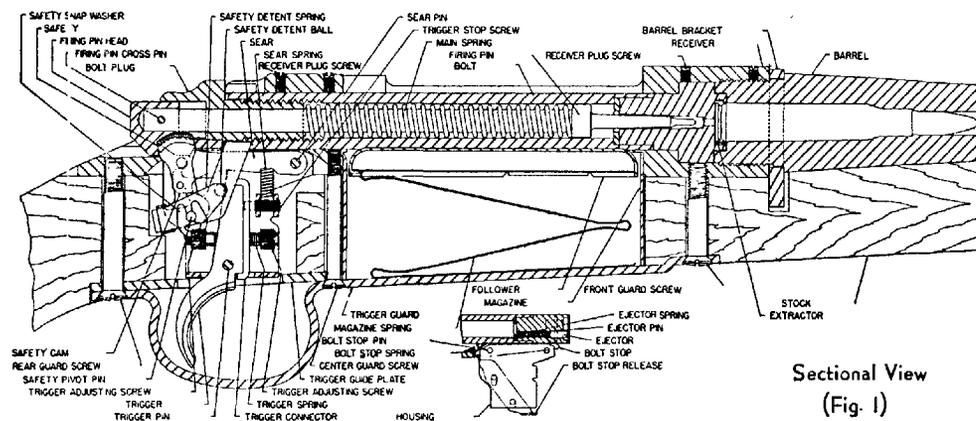
To Load Barrel: If single shots are desired, open bolt by turning bolt handle upward as far as possible; pull rearward to bolt stop; lay cartridge on magazine platform (or press cartridge down into magazine or insert cartridge directly into chamber), then close bolt by pushing forward and lock by turning bolt handle downward. **BE SURE GUN IS POINTED WHERE YOU WANT TO SHOOT.** The gun is now ready to fire. (In the interest of safety, keep the bolt open at all times except when you are actually using the gun.)

To Load Magazine: With bolt open lay cartridge on magazine platform and press into magazine until held by side walls; repeat until four (three in 300 H. & H. Magnum and five in the .222 Rem. and Rem. Magnum) cartridges are inserted. An extra cartridge may then be loaded directly into the chamber by holding down the top cartridge in the magazine to allow the bolt to pass over the cartridges in the magazine and close on the cartridge in the chamber by turning the bolt handle downward.

To Put "Or Safe": Move safety rearward as far as it will go, at which point a definite detent, or click, will be felt or heard. This will disengage the sear and firing pin and lock the bolt handle in the closed position.

To Fire: Make sure the bolt is closed by turning the handle completely downward. **BE SURE GUN IS POINTED WHERE YOU WANT TO SHOOT.** Push the safety forward to "FIRE" position. Pull trigger to fire.

To Unload Barrel: To remove the cartridge from the chamber the bolt must first be fully closed with the handle down, then open bolt by turning handle upward and slowly pull the bolt rearward until the cartridge can be grasped with the fingers before the cartridge clears the receiver. Continue the rearward stroke of the bolt while the hand grasps the cartridge allowing it to be removed from the face of the bolt before ejection occurs.



Sectional View
(Fig. 1)

To Unload Magazine: Point muzzle upward, push bolt about halfway forward or until cartridge is clear of magazine, pull bolt rearward allowing the cartridge to follow the bolt, turn the gun to the right dropping the cartridge into the hand. Repeat until magazine is empty. (In the interest of safety, make sure each time you handle your gun, other than actually firing it, that the chamber and magazine are empty.)

To Remove Bolt or Cleaning Barrel: Unload barrel and magazine as described above, then press upward on bolt stop release in front of trigger and pull bolt out of receiver. It is not necessary to operate the bolt stop release to reassemble

SIGHT ADJUSTMENT

Open Sights: Sights on this Remington rifle are targeted at 100 yards and carefully adjusted at the factory for average shooters.

Windage Adjustment, rear sight leaf (eyepiece) may be moved to the left by turning windage screw clockwise. This will move the bullet impact at target to the left. By turning windage screw counter clockwise, rear sight leaf may be moved to the right. This will move the bullet impact to the right. NOTE: Windage screw is located beneath eyepiece on leaf.

Elevation or Range Adjustment, rear sight may be raised or lowered by adjusting notched sight leaf beneath rear sight eyepiece. Bullet impact at target will lift, or range increase, by raising rear sight. Bullet impact will drop, or range decrease, if rear sight is lowered.

Telescope or Receiver Sights: The all-purpose stock on this Remington rifle is adapted for use with telescope or receiver sights as well as gun factory sights. Location and design of rear sight holes are standard for most target telescope mounts.

If rear sight is removed for receiver sighting clearance, rear sight barrel screw holes may be filled with receiver plug screws.

DIRECTIONS FOR DISMOUNTING AND ASSEMBLING

To Remove Firing Pin Assembly: Pull firing pin head rearward until a coin can be inserted between it and the bolt plug. (Fig. 2.) This can be done by catching the notch in the firing pin head on a sharp corner. Unscrew the bolt plug to remove the assembly from the bolt.

To Remove Barrel and Action from the Stock: Remove the three guard screws, trigger guard, magazine spring, follower, and trigger guide plate from the bottom. The magazine will remain either in the receiver or in the stock. In assembling the barrel and action to the stock be sure the magazine is seated properly in the receiver.

REPLACEMENT PARTS: Parts may be identified by name and location from Sectional View (Fig. 1). Prices for parts will be furnished upon application. When ordering parts, specify model, caliber, part name, and serial number of gun. The sale of barrel assemblies (includes receiver), and bolt assemblies is restricted. When these parts are needed for replacement, the arm must be returned to the factory as the use of special tools and gauges is required to assure proper operation. All other parts will be shipped as ordered but, since they are made to close dimensions the particular part may require slight adjustment or fitting to assure proper functioning

Proper Tools Are Required for the Following Operations: (Work should be done by qualified gun repairmen.)

Extractor: With pointed tweezers inserted in the holes provided in the ends of extractor, compress the ends together until the extractor can be removed from the face of the bolt. Do not attempt to remove only one end of the extractor and then pull it from the bolt face as distortion will result. With extractor hook facing towards bolt face, use tweezers to reassemble extractor into bolt. Do not try to assemble by forcing it into the recess with the fingers.

INSTRUCTIONS FOR OPERATION AND CARE

of the

Remington



MODELS 721 AND 722



CENTER FIRE
BOLT ACTION RIFLE

IMPORTANT: REMOVE GREASE FROM BORE OF BARREL BEFORE FIRING

REMINGTON ARMS COMPANY, INC. • Ilion, New York, U. S. A

RD-5645 Rev 659

R2523819

DIRECTIONS FOR OPERATING

Instructions: Before loading your gun always be sure there are no obstructions in the chamber as heavy grease, snow, cleaning patches, etc. (See instructions below for removing bolt.)

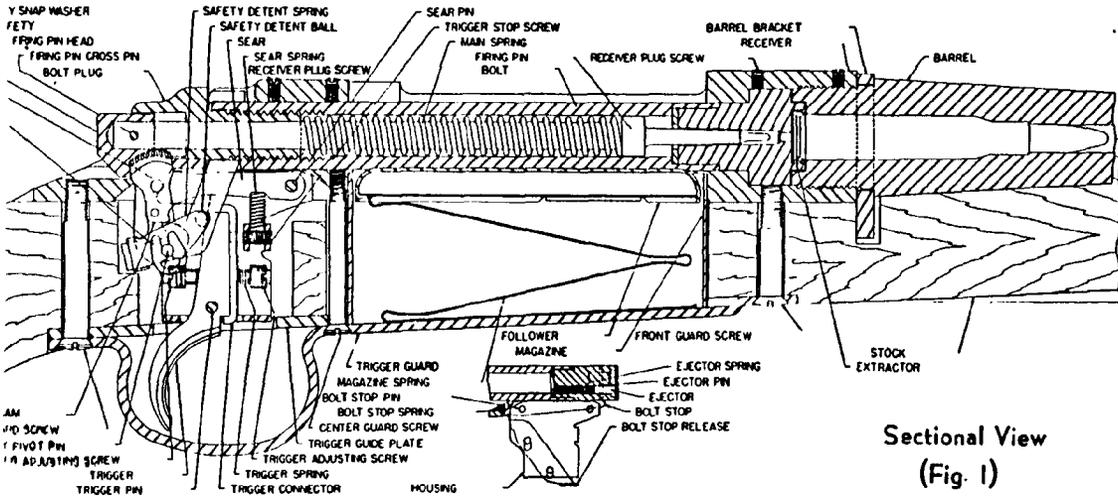
Barrel: If single shots are desired, open bolt by turning bolt handle upward as far as possible rearward to bolt stop; lay cartridge on magazine platform (or press cartridge down into or insert cartridge directly into chamber), then close bolt by pushing forward and lock bolt handle downward. **BE SURE GUN IS POINTED WHERE YOU WANT TO SHOOT.** Now ready to fire. (In the interest of safety, keep the bolt open at all times except when actually using the gun.)

Magazine: With bolt open lay cartridge on magazine platform and press into magazine by side walls; repeat until four (three in 300 H. & H. Magnum and five in the .222 Rem. and num) cartridges are inserted. An extra cartridge may then be loaded directly into the chamber by pushing down the top cartridge in the magazine to allow the bolt to pass over the cartridges in the magazine and close on the cartridge in the chamber by turning the bolt handle downward.

On Safe: Move safety rearward as far as it will go, at which point a definite detent, or be felt or heard. This will disengage the sear and firing pin and lock the bolt handle in closed position.

Make sure the bolt is closed by turning the handle completely downward. **BE SURE GUN IS POINTED WHERE YOU WANT TO SHOOT.** Push the safety forward to "FIRE" position. Pull trigger

Barrel: To remove the cartridge from the chamber the bolt must first be fully closed and handle down, then open bolt by turning handle upward and slowly pull the bolt rearward until cartridge can be grasped with the fingers before the cartridge clears the receiver. Continue third stroke of the bolt while the hand grasps the cartridge allowing it to be removed from the chamber before ejection occurs.



Sectional View
(Fig. 1)

SIGHT ADJUSTMENT

Open Sights: Sights on this Remington rifle are targeted at 100 yards and carefully adjusted at the factory for average shooters.

Windage Adjustment, rear sight leaf (eyepiece) may be moved to the left by turning windage screw clockwise. This will move the bullet impact at target to the left. By turning windage screw counter clockwise, rear sight leaf may be moved to the right. This will move the bullet impact to the right. **NOTE:** Windage screw is located beneath eyepiece on leaf.

Elevation or Range Adjustment, rear sight may be raised or lowered by adjusting notched sight step beneath rear sight eyepiece. Bullet impact at target will lift, or range increase, by raising rear sight. Bullet impact will drop, or range decrease, if rear sight is lowered.

Telescope or Receiver Sights: The all-purpose stock on this Remington rifle is adapted for use with telescope or receiver sights as well as gun factory sights. Location and design of rear sight holes are standard for most target telescope mounts.

If rear sight is removed for receiver sighting clearance, rear sight barrel screw holes may be filled with receiver plug screws.

DIRECTIONS FOR DISMOUNTING AND ASSEMBLING

To Remove Firing Pin Assembly: Pull firing pin head rearward until a coin can be inserted between it and the bolt plug. (Fig. 2.) This can be done by catching the notch in the firing pin head on a sharp corner. Unscrew the bolt plug to remove the assembly from the bolt.

To Remove Barrel and Action from the Stock: Remove the three guard screws, trigger guard, magazine spring, follower, and trigger guide plate from the bottom. The magazine will remain either in the receiver or in the stock. In assembling the barrel and action to the stock be sure the magazine is seated properly in the receiver.

REPLACEMENT PARTS: Parts may be identified by name and location from Sectional View (Fig. 1). Prices for parts will be furnished upon application. When ordering parts, specify model, caliber, part name, and serial number of gun. The sale of barrel assemblies (includes receiver), and bolt assemblies is restricted. When these parts are needed for replacement, the arm must be returned to the factory as the use of special tools and gauges is required to assure proper operation. All other parts will be shipped as ordered but, since they are made to close dimensions the particular part may require slight adjustment or fitting to assure proper functioning

Proper Tools Are Required for the Following Operations: (Work should be done by qualified gun repairmen.)

Extractor: With pointed tweezers inserted in the holes provided in the ends of extractor, compress the ends together until the extractor can be removed from the face of the bolt. Do not attempt to remove only one end of the extractor and then pull it from the bolt face as distortion will result. With extractor hook facing towards bolt face, use tweezers to reassemble extractor into bolt. Do not try to assemble by forcing it into the recess with the fingers.

Magazine: Point muzzle upward, push bolt about halfway forward or until cartridge is in magazine, pull bolt rearward allowing the cartridge to follow the bolt, turn the gun to the right and slide the cartridge into the hand. Repeat until magazine is empty. (In the interest of safety, be sure each time you handle your gun, other than actually firing it, that the chamber and magazine are empty.)

Bolt for Cleaning Barrel: Unload barrel and magazine as described above, then press down bolt stop release in front of trigger and pull bolt out of receiver. It is not necessary to press bolt stop release to reassemble

Firing Pin: With the firing pin assembly removed from the bolt as described above (See Fig. 2.) drive the firing pin cross pin out with a punch, leaving the punch in the hole to hold the parts together to prevent the spring tension from spreading them forcefully; compress the main spring with the bolt plug until the coin, punch and firing pin head can be removed and release the spring tension carefully. Assemble in reverse order.

Ejector: Drive out ejector pin. Leave punch in hole. Compress ejector spring by pressing on ejector. Remove punch. Release ejector slowly until ejector spring is no longer loaded. Remove ejector spring with tail of ejector or tap bolt head on wood until ejector spring falls out. Assemble in reverse order.

Bolt Stop: Drive out bolt stop pin, drop rear end of trigger housing, remove bolt stop and bolt stop spring.

Trigger Housing: With bolt stop removed, drive out sear pin. Trigger housing with attached parts can then be removed from bottom of receiver. Remove sear and safety cam from top of trigger housing.

Safety and Bolt Stop Release: With a screwdriver or coin push the safety snap washer out of the slot in the safety pivot pin. The safety detent spring, safety detent ball, safety pivot pin, bolt stop release, and safety can then be removed. Be careful, do not lose the safety detent ball. Remove the front trigger adjusting screw and the trigger spring. Remove the trigger stop screw. Drive out the trigger pin and remove trigger and trigger connector. Assemble in reverse order.

IMPORTANT: No adjustment or removal of the rear trigger adjusting screw is recommended unless replacement is necessary. The rear trigger adjusting screw is set at the factory to engage the trigger and provide the correct amount of supporting trigger connector surface beneath the sear.

Pull of Trigger: Is adjusted to the desired weight by turning the front trigger adjusting screw clockwise for a heavier weight adjustment and counter clockwise for a lighter weight adjustment.

Travel of the Trigger: May be reduced by turning the trigger stop screw clockwise until the firing pin will not fall when the trigger is pulled. Then while keeping pressure on the trigger, back off the trigger stop screw, counter clockwise, until the firing pin falls. This method of adjustment will allow the least amount of trigger overtravel.

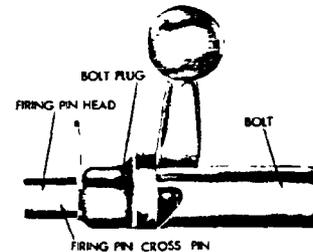


Figure 2

CARE OF RIFLE

Exclusive use of Remington Ammunition with KLEANBORE Priming or Peters Ammunition with RUSTLESS Priming will reduce the amount of care necessary to keep the rifle in good condition. These cartridges are non-corrosive and will not cause rust or corrosion. With jacketed bullets cleaning is unnecessary, other than passing an oily rag through the bore to protect it against extreme moisture or when the gun is laid away for some time.

However, if corrosive ammunition is used, clean bore immediately after shooting to prevent residue from rusting or pitting the bore. Cleaning can be done by scrubbing bore with cloth or bristle brush saturated with powder solvent. If this is not available, pour one pint of boiling water through barrel to dissolve residue. Use small funnel to prevent spilling. Wipe clean and dry, then lubricate with light rust preventive oil to prevent rusting. Repeat wiping and oiling again in a day or two.

Should the rifle be fired in sub-zero temperatures special attention should be given to removing excess oil and using dry graphite as a lubricant.

Send all guns for factory service and inquiries on service and parts to

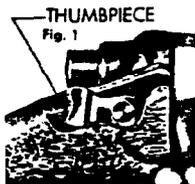
REMINGTON ARMS COMPANY, INC.
Arms Service Division
Ilion, New York

All other inquiries are to be addressed to
REMINGTON ARMS COMPANY, INC.
Bridgeport, Connecticut

THREE POSITION SAFETY LOCK

Safe "S"

(Fig. 1)
Cock rifle then rotate safety lock thumbpiece fully rearward to "S" mark on receiver. Bolt is locked closed in this position and bolt handle cannot be raised.

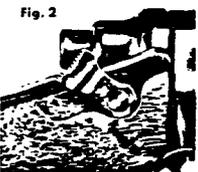


THUMBPIECE

Fig. 1

Unlock Position

Fig. 2



(Fig. 2)
Rotate the safety lock thumbpiece to UNLOCK position between "S" and "F" (no mark). Bolt handle can then be raised and the bolt unlocked.

NOTE: Rifle cannot be fired when safety thumbpiece is set for unlock position.

Fire "F"

(Fig. 3)
Rotate the safety lock thumbpiece fully forward to "F" mark on receiver.



Fig. 3

SIGHT ADJUSTMENTS

OPEN SIGHTS

The sights on the Remington 725 are targeted at 100 yards and carefully adjusted at the factory.

For Windage Adjustment the rear sight eyepiece may be moved to the left by turning the windage screw clockwise. By turning the windage screw counter clockwise the rear sight eyepiece may be moved to the right.

NOTE: The windage screw is located beneath the eyepiece.

For elevation or range adjustment the rear sight may be raised or lowered by adjusting the notched sight step beneath the rear sight eyepiece.

TELESCOPE or RECEIVER SIGHTS

The all-purpose stock on the Remington 725 is adapted for use with telescope or receiver sights as well as gun factory sights. The location and design of the rear sight holes are standard for most target telescope mounts. If rear sight is removed for receiver sighting clearance, the rear sight barrel screw holes may be filled with the receiver plug screws.

Shoot REMINGTON or PETERS Ammunition for best results

The Remington 725 is calibrated for high power center fire cartridges, and designed to deliver quality performance for your shooting pleasure.

A full choice of bullet weights and styles is available. Choose the cartridge best suited to your particular hunting needs.

*Blowback is Reg. U.S. Pat. Off. by Remington Arms Company, Inc. Bridgeport 2, Conn. Blatass is a trade-mark of Peters Cartridge Division, Remington Arms Company, Inc., Bridgeport 2, Conn.

Remington

DUPONT

805358—Rev. 12-55

Remington

725

DELUXE

Bolt Action

High Power

REPEATING RIFLE

DUPONT

Instruction Folder



REMINGTON-ARMS COMPANY, INC.

To keep the barrel bore in perfect condition, it is recommended that Remington Ammunition with KLEANBORE Priming, or Peters Ammunition with RUSTLESS Priming be used exclusively. These cartridges cannot cause rust or corrosion and cleaning is unnecessary other than passing an oiled patch through the bore to protect it against extreme moisture, or when the gun is laid away for some time. Also give the outside of your gun some attention after it has been

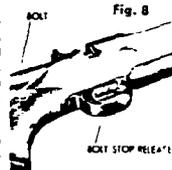
CARE OF RIFLE

handled. Wipe the gun with an oily cloth, since fingers leave invisible "prints" of moisture that may cause rust on metal unless removed. Should it be necessary to clean the action, it is recommended that the disassembly be made as instructed below. Wash with a petroleum solvent such as varoline or kerosene, drain, and lubricate lightly. In freezing weather, oil should be removed and fine, dry graphite used as a lubricant.

To remove BOLT:

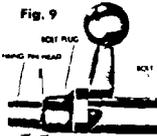
Rotate safety lock thumbpiece to UNLOCK position. Raise bolt handle and pull bolt rearward to bolt stop. Press upwards on bolt stop release (see Fig. 8) and pull bolt from receiver.

NOTE: It is not necessary to operate bolt lock release when replacing bolt.



To remove FIRING PIN ASSEMBLY:

Remove bolt from rifle. Pull firing pin head rearward until cam or similar tool can be inserted between it and bolt plug (see Fig. 9). Unscrew bolt plug to remove assembly from bolt.

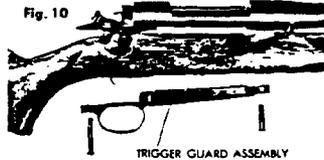


To remove STOCK:

Unscrew both guard screws and remove. Lift trigger guard assembly from rifle (see Fig. 10).

NOTE: Magazine follower, and magazine spring will also be removed from rifle when trigger guard is lifted free.

Lift stock from rifle. Separate magazine from stock.



NOTE: Before replacing stock, reassemble magazine first to receiver. Secondly, reassemble trigger guard assembly (with assembled magazine follower and spring) to stock. Then reassemble stock and trigger guard over assembled magazine and to receiver. Hold in position and replace trigger guard screws.

To adjust TRIGGER:

Remove trigger guard and stock. Cock bolt in receiver. IMPORTANT: No adjustment or removal of the rear trigger adjusting screw is recommended unless replacement is necessary. The rear trigger adjusting screw is set at the factory to engage the trigger and provide the correct amount of supporting trigger connector surface beneath the tear (see Fig. 11).

Pull of Trigger:

Is adjusted to the desired weight by turning the front trigger adjusting screw clockwise for a heavier weight adjustment and counter clockwise for a lighter weight adjustment.



Travel of Trigger:

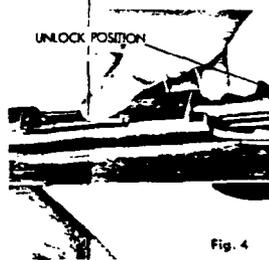
May be reduced by turning the trigger stop screw clockwise until the firing pin will not fall when the trigger is pulled. Then while keeping pressure on the trigger, back off the trigger stop screw, counter clockwise, until the firing pin falls. This method of adjustment will allow the least amount of trigger overtravel.

HOW to LOAD your REMINGTON 725

IMPORTANT: Before firing, always check barrel and remove any obstruction, grease or heavy oil from bore and cartridge chamber.

SINGLE LOAD

Rotate safety lock thumbpiece to UNLOCK position between "S" mark and "F" mark on receiver. Raise bolt handle and pull bolt assembly backward to bolt stop. Place cartridge on magazine follower, then push bolt forward to load cartridge into barrel (see Fig. 4). Turn bolt downward, to lock cartridge in barrel and cock rifle. Rotate safety lock thumbpiece to SAFE "S" mark, or if desired to fire rifle, rotate thumbpiece to FIRE "F" mark.



UNLOAD MAGAZINE

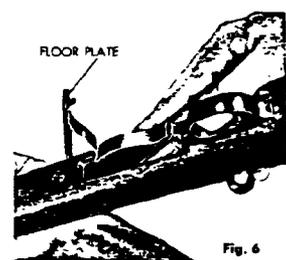
With closed bolt:

Rotate safety lock thumbpiece fully rearward to SAFE "S" mark (bolt lock).

Turn rifle bottom upwards and unlatch floor plate from trigger guard.

Raise floor plate and remove live cartridges from magazine (see Fig. 6).

Close and latch floor plate.

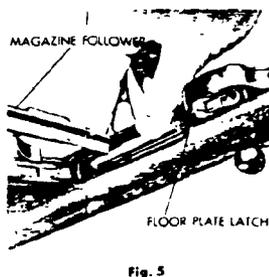


MAGAZINE LOAD

Open Bolt—Load cartridges into top of magazine in conventional manner, if desired.

Closed Bolt—Rotate safety lock thumbpiece fully rearward to SAFE "S" mark on receiver. Turn rifle bottom upwards, and rotate floor plate latch upward, and swing attached magazine follower and spring from magazine. Load cartridges into magazine opening (see Fig. 5). Close and latch floor plate against the staggered box column of loaded cartridges. NOTE: The first cartridge must be loaded to the right side of the open magazine.

Capacity—Load four (4) cartridges into magazine.



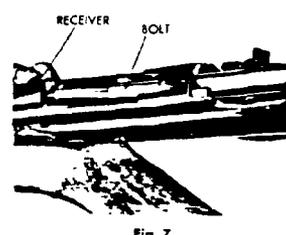
UNLOAD BARREL

Rotate safety lock thumbpiece to UNLOCK position between "S" and "F" mark on receiver.

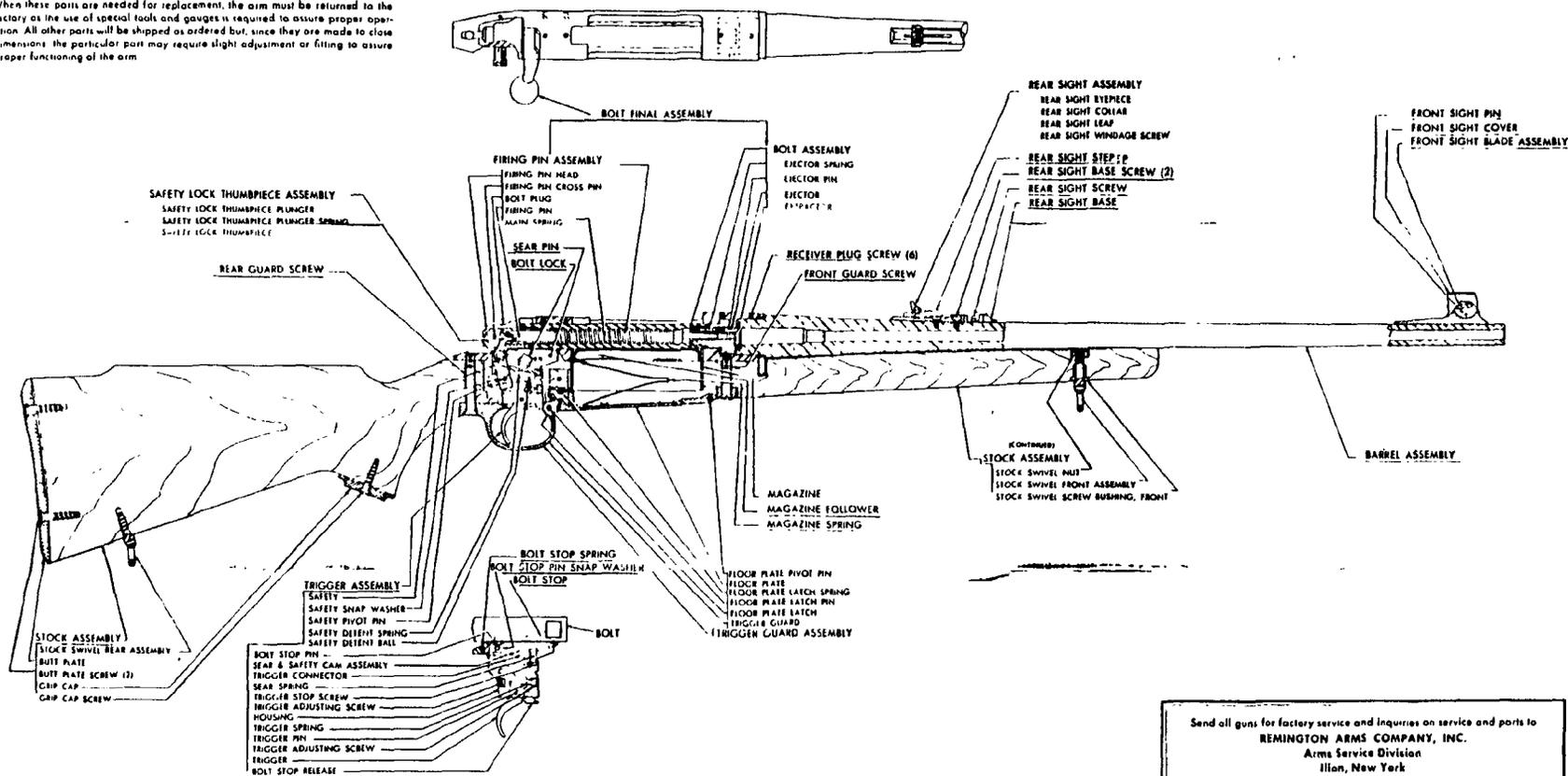
Raise bolt handle and pull bolt to rear slowly.

Lift live cartridge carefully from face of bolt as bullet end of cartridge clears the ejection part of receiver (see Fig. 7).

PRECAUTION: Make certain magazine is empty before closing bolt assembly. If live cartridge remains in magazine, return bolt forward to slide and raise cartridge free of magazine. Then pull bolt rearward again and carefully remove live cartridge from rifle.



REPLACEMENT PARTS Prices for parts will be furnished upon application. When ordering parts specify model, caliber, part name and serial number of gun.
NOTE The sale of barrel assemblies (includes receiver) and bolts is restricted. When these parts are needed for replacement, the arm must be returned to the factory as the use of special tools and gauges is required to assure proper operation. All other parts will be shipped as ordered but, since they are made to close dimensions, the particular part may require slight adjustment or fitting to assure proper functioning of the arm.



MODEL 725 SECTIONAL VIEW

Send all guns for factory service and inquiries on service and parts to
REMINGTON ARMS COMPANY, INC.
 Arms Service Division
 Ilion, New York
 All other inquiries are to be addressed to
REMINGTON ARMS COMPANY, INC.
 Bridgeport 2, Connecticut

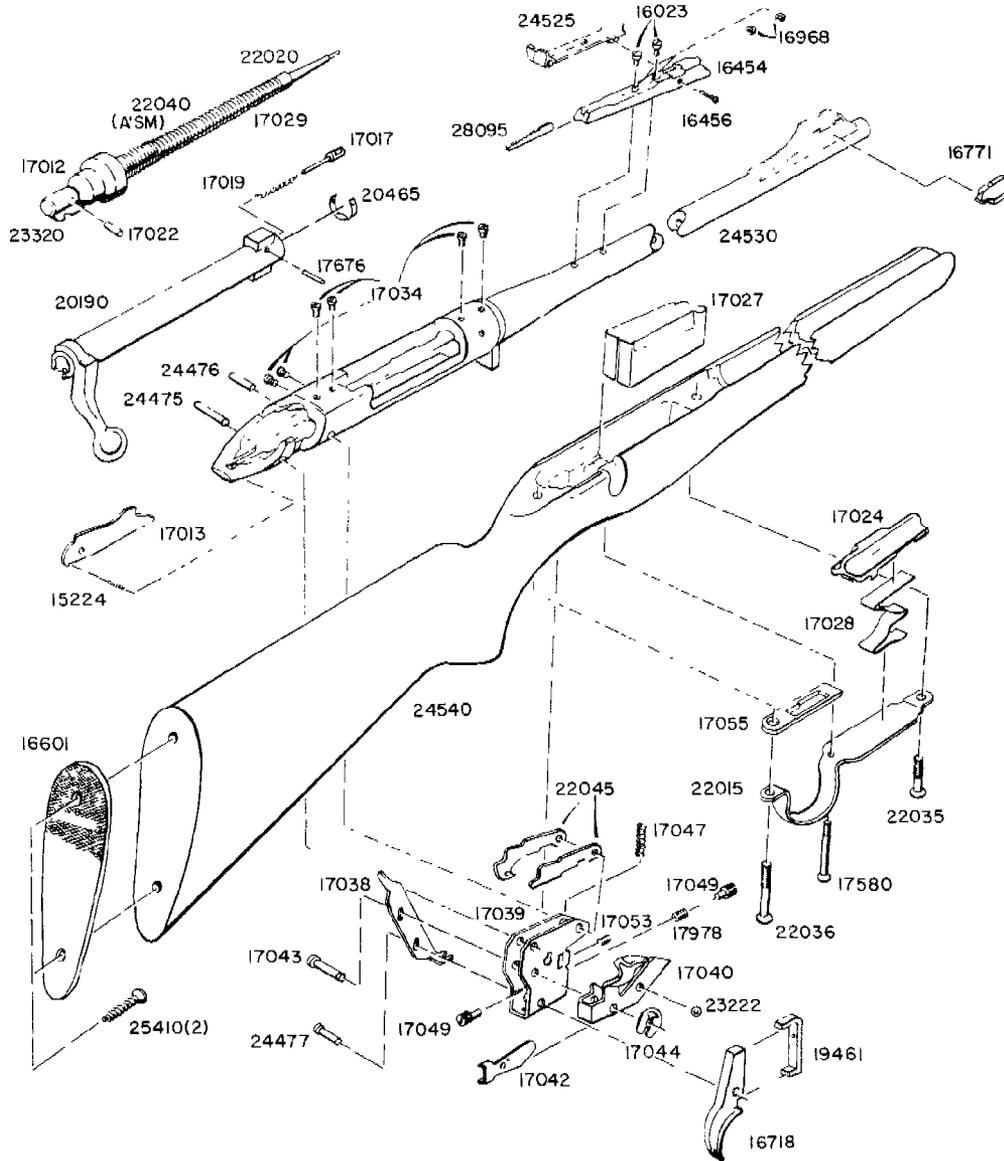
R2523824



Remington

**MODEL
721
Repeating
Rifle**

BOLT ACTION—HIGH POWER CALIBERS



SECTIONAL VIEW

This copyrighted material is reprinted from THE AMERICAN RIFLEMAN (published monthly), the official journal of The National Rifle Association of America, 1600 Rhode Island Ave., N.W., Washington 6, D.C.

REPLACEMENT PARTS — When ordering parts, specify model, caliber, part name and number, and serial number of gun.

NOTE: The sale of barrel assemblies (includes receiver), and bolt assemblies is restricted. When these parts are needed for replacement, selective assembly is required to assure proper operation. All other parts will be shipped as ordered but, since they are made to close dimensions, the particular part may require slight adjustment or fitting to assure proper functioning of the arm.

REMINGTON ARMS COMPANY, INC. • Ilion, N.Y., U.S.A.

MODEL 721

Repeating Rifle

Remington

COMPONENT PARTS PRICE LIST

BOLT ACTION — HIGH POWER

Calibers — 30-06, 270 Win., 300 H & H Magnum

Centerfire

ALWAYS ORDER COMPONENTS BY PART NUMBER AND PART NAME

Part No.	NAME OF PART	List Price	Part No.	NAME OF PART	List Price
	NOTE: The sale of Barrel Assemblies, and Bolts and Receivers is restricted. Selective assembly is required to make certain these components will operate correctly in the firearm. Special tools and gauges are required.				
24530	Barrel Assembly, 30-06 (includes Barrel, Barrel Bracket, Front Sight Ramp, Receiver)		17047	Sear Spring	\$.25
24531	Barrel Assembly, 270 Win.		20215	Sling Strap Assembly (1" Plain Swivels) (see Sling Strap list)	3.05
24532	Barrel Assembly, 300 Mag.		20215	Sling Strap Assembly (1" Quick Detachable Swivels) (see Sling Strap list)	3.05
20190	Bolt Assembly, 30-06, 270 Win. (includes Bolt Body, Bolt Head, Bolt Handle, Bolt Pin, Ejector Washer)		24540	Stock Assembly, A GRADE, 30-06, 270 Win. (includes Butt Plate, Butt Plate Screw (2), Stock, Stock Reinforcing Screw)	19.80
20191	Bolt Assembly, 300 Mag.		24670	Stock Assembly, A GRADE, 300 Mag. (includes Recoil Pad, Recoil Pad Screws (2), Stock, Stock Reinforcing Screw)	24.20
20795	Bolt Final Assembly, 30-06, 270 Win. (includes Bolt Assembly, Ejector, Ejector Pin, Ejector Spring, Extractor, Firing Pin Assembly)		24645	Stock Assembly, A GRADE, (Modified) 30-06, 270 Win. (includes Butt Plate, Butt Plate Screw (2), Stock, Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	23.10
20796	Bolt Final Assembly, 300 Mag.		24647	Stock Assembly, A GRADE, (Modified) 300 Mag. (includes Recoil Pad, Recoil Pad Screw (2), Stock, Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	26.40
17012	Bolt Plug	\$ 1.10	20835	Stock Assembly, ADL GRADE, 30-06, 270 Win. (includes Butt Plate, Butt Plate Screw (2), Stock, Stock Reinforcing Screw, Stock Swivel Front Assembly, Sling Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Rear)	44.00
17013	Bolt Stop	.40	20837	Stock Assembly, ADL GRADE, 300 Mag. (includes Recoil Pad, Recoil Pad Screw (2), Stock, Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	47.30
24475	Bolt Stop Pin	.25	20838	Stock Assembly, ADL GRADE, High Comb 30-06, 270 Win. (includes Butt Plate, Butt Plate Screw (2), Stock (High Comb), Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	44.00
17038	Bolt Stop Release	.25	20840	Stock Assembly, ADL GRADE, High Comb, 300 Mag. (includes Recoil Pad, Recoil Pad Screw (2), Stock (High Comb), Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	47.30
15224	Bolt Stop Spring	.25	20141	Stock Assembly, BDL GRADE (High Comb) 300 Mag. (includes Recoil Pad, Recoil Pad Screw (2), Stock (High Comb), Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	49.50
16601	Butt Plate, 30-06, 270 Win.	1.10	18186	Stock Reinforcing Screw	.25
25410	Butt Plate Screw, 30-06, 270 Win.	.25	20890	Stock Swivel Front Assembly (for 1" Strap) (see Sling Strap list)	.80
17580	Center Guard Screw	.25	20895	Stock Swivel Rear Assembly (for 1" Strap) (see Sling Strap list)	1.00
17017	Ejector	.55	17682	Stock Swivel Nut (see Sling Strap list)	.25
17676	Ejector Pin	.25	18424	Stock Swivel Screw Bushing, Front (see Sling Strap list)	.25
17019	Ejector Spring	.25	22240	Stock Swivel Screw, Front (Quick Detachable) (see Sling Strap list)	.85
20465	Extractor, 30-06, 270 Win.	1.65	17680	Stock Swivel Screw, Rear (Quick Detachable) (see Sling Strap list)	.85
20466	Extractor, 300 Mag.	1.65			
22040	Firing Pin Assembly (includes Bolt Plug, Firing Pin, Firing Pin Cross Pin, Firing Pin Head, Main Spring)	4.15			
22020	Firing Pin	1.35			
17022	Firing Pin Cross Pin	.25			
23320	Firing Pin Head	1.10			
22035	Front Guard Screw	.25			
16771	Front Sight	.70			
24666	Front Sight Ramp	.70			
17039	Housing	1.65			
17027	Magazine	.90			
17024	Magazine Follower	.70			
17028	Magazine Spring	1.00			
17029	Main Spring	.40			
22036	Rear Guard Screw	.25			
24525	Rear Sight Assembly (includes Rear Sight Collar, Rear Sight Eyepiece, Rear Sight Leaf, Rear Sight Windage Screw)	3.30			
16454	Rear Sight Base	.90			
16023	Rear Sight Base Screw	.25			
16456	Rear Sight Screw	.25			
28095	Rear Sight Step (selected sizes)	.25			
17034	Receiver Plug Screw	.25			
21386	Recoil Pad, 300 Mag.	3.60			
16262	Recoil Pad Screw, 300 Mag.	.25			
17040	Safety	.90			
23222	Safety Detent Ball	.25			
17042	Safety Detent Spring	.25			
17043	Safety Pivot Pin	.25			
17044	Safety Snap Washer	.25			
24476	Sear Pin	.25			
22045	Sear and Safety Cam Assembly (includes Safety Cam, Sear)	1.65			

CF-10

REV. 662

R2523826

COMPONENT PARTS PRICE LIST

BOLT ACTION — HIGH POWER

Calibers — 30-06, 270 Win., 300 H & H Magnum, 280 Rem.

Centerfire

ALWAYS ORDER COMPONENTS BY PART NUMBER AND PART NAME

MODEL

721

Repeating Rifle

Part No.	NAME OF PART	List Price	Part No.	NAME OF PART	List Price	
22010	Trigger Assembly (includes Bolt Stop Release, Housing, Safety, Safety Detent Ball, Safety Detent Spring, Safety Pivot Pin, Safety Snap Washer, Sear and Safety Cam Assembly, Sear Spring, Trigger, Trigger Adjusting Screw, Trigger Connector, Trigger Pin, Trigger Spring, Trigger Stop Screw)	\$ 8.25	23215	Stock Assembly, A GRADE, 300-Mag. (includes Recoil Pad, Recoil Pad Screw (2), Stock, Stock Reinforcing Screw)	\$24.20	
16718	Trigger	1.00	20130	Stock Assembly, A GRADE, (Modified), 30-06, 270 Win. (includes Butt Plate, Butt Plate Screw (2), Stock, Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	23.10	
17049	Trigger Adjusting Screw .....	.25	20134	Stock Assembly, A GRADE, (Modified), 300 Mag. includes Recoil Pad, Recoil Pad Screw (2), Stock, Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	26.40
19461	Trigger Connector .....	.70	20145	Stock Assembly, A GRADE, High Comb, 30-06, 270 Win. (includes Butt Plate, Butt Plate Screw (2), Stock (High Comb), Stock Reinforcing Screw)	19.80
22015	Trigger Guard	1.35	20147	Stock Assembly, A GRADE, High Comb, 300 Mag. (includes Recoil Pad, Recoil Pad Screw (2), Stock (High Comb), Stock Reinforcing Screw)	24.20	
17055	Trigger Guide Plate .....	.40	20136	Stock Assembly, A GRADE, High Comb, (Modified), 30-06, 270 Win. (includes Butt Plate, Butt Plate Screw (2), Stock (High Comb), Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	23.10
24477	Trigger Pin .....	.25	20140	Stock Assembly, A GRADE, High Comb, (Modified), 300 Mag. (includes Recoil Pad, Recoil Pad Screw (2), Stock (High Comb), Stock Reinforcing Screw, Stock Swivel Front Assembly, Stock Swivel Rear Assembly, Stock Swivel Nut, Stock Swivel Screw Bushing, Front)	26.40
17978	Trigger Spring .....	.25			
17053	Trigger Stop Screw .....	.25			
SUPERSEDED PARTS						
23205	Barrel Assembly, 30-06, (includes Barrel, Barrel Bracket, Front Sight Ramp, Receiver)	Price on Application				
23206	Barrel Assembly, 270 Win.					
23207	Barrel Assembly, 300 Mag.					
22050	Barrel Filler Block .....		.55		
17015	Butt Plate		1.10			
28165	Front Sight		1.10			
17003	Front Sight Ramp		1.35			
22025	Open Sight Assembly (includes Open Sight Base, Open Sight Leaf)		1.10			
63H	Open Sight Assembly (Marbles Flat Top) (see Mfg. list)					
20125	Stock Assembly, A GRADE, 30-06, 270 Win. (includes Butt Plate, Butt Plate Screw (2), Stock, Stock Reinforcing Screw)		19.80			
Part No.	NAME OF PART	List Price	Part No.	NAME OF PART	List Price	
APPENDIX: ADD TO PRESENT COMPONENT PARTS PRICE LIST						
24538	Barrel Assembly, 280 Rem. (includes Barrel, Barrel Bracket, Front Sight Ramp, Receiver)	Price on Application	20795	Bolt Final Assembly, 280 Rem. (includes same as Bolt Final Assembly, 30-06, 270 Win.)	Price on Application	
26255	Barrel Assembly, 264 Win. Mag. (includes Barrel, Barrel Bracket, Front Sight Ramp, Receiver)		20796	Bolt Final Assembly, 264 Win. Mag. (includes same as 300 Magnum)		
20190	Bolt Assembly, 280 Rem. (includes same Bolt Assembly as 30-06, 270 Win.)		20465	Extractor, 280 Rem. (same as Extractor 30-06, 270 Win.)		1.65
20191	Bolt Assembly, 264 Win. Mag. (includes same as 300 Magnum)		20466	Extractor, 264 Win. Mag.		1.65
			16968	Rear Sight Washer (All Calibers)		.25
		24540	Stock Assembly, 280 Rem. (includes same as Stock Assembly, 30-06, 270 Win.)	19.80		
		24645	Stock Assembly, MODIFIED, 280 Rem. (includes same as Stock Assembly, Modified, 30-06, 270 Win.)	23.10		
		24670	Stock Assembly, 264 Win. Mag. (includes same as A GRADE, 300 Magnum)	24.20		

Send all guns for factory service and inquiries on service and parts to

REMINGTON ARMS COMPANY, INC.
 Arms Service Division
 Ilion, New York

All other inquiries are to be addressed to

REMINGTON ARMS COMPANY, INC.
 Bridgeport, Connecticut

DELIVERIES ARE F.O.B. ILION, N. Y.

Prices subject to change without notice

MEMORANDUM



CF-12

R2523828

COMPONENT PARTS



PRICE LIST

MODEL

721
and
722

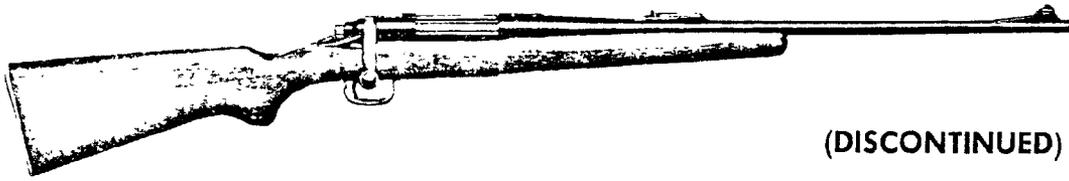
Bolt Action — High Power Repeating Rifles

Calibers — 30-06, 270 Win., 300 H & H Magnum, 280 Rem., 264 Win. Mag.
300 Sav., 308 Win., 222 Rem., 257 Roberts, 244 Rem., 222 Rem. Mag., 243 Win.

UNLESS OTHERWISE SPECIFIED, PARTS ARE SAME FOR BOTH MODELS

When ordering parts — Model No., Part No. and Part Name must be given.

Part No.	NAME OF PART	List Price	Part No.	NAME OF PART	List Price
24530	Barrel Assembly, 30-06 (721) (includes Barrel, Barrel Bracket, Front Sight Ramp, Receiver	Price on Application	24666	Front Sight Ramp, 308 Win., 300 Sav. (722) and (721)	\$.85
24531	Barrel Assembly, 270 Win. (721)		16717	Front Sight Ramp, 243 Win., 257 Roberts, 222 Rem., 222 Rem. Mag., 244 Rem. (722)	1.10
24532	Barrel Assembly, 300 Mag. (721)		24477	Front Sight Ramp Pin, 257 Roberts, 222 Rem., 222 Rem. Mag., 244 Rem., 243 Win. (722)	.30
24533	Barrel Assembly, 280 Rem. (721)		19025	Front Sight Ramp Screw, 257 Roberts, 222 Rem., 222 Rem. Mag., 244 Rem., 243 Win. (722)	.30
26255	Barrel Assembly, 264 Win. Mag. (721)		17039	Housing	2.00
23208	Barrel Assembly, 300 Sav. (722)		17027	Magazine (721)	1.10
24534	Barrel Assembly, 308 Win. (722)		17057	Magazine, 257 Roberts, 308 Win., 244 Rem., 300 Sav., 243 Win. (722)	1.10
24535	Barrel Assembly, 222 Rem. (722)		17971	Magazine, 222 Rem., 222 Rem. Mag. (722)	1.10
24536	Barrel Assembly, 244 Rem. (722)		17024	Magazine Follower (721)	.75
24537	Barrel Assembly, 222 Rem. Mag. (722)		17056	Magazine Follower, 257 Roberts, 308 Win., 244 Rem., 300 Sav., 243 Win. (722)	.75
24539	Barrel Assembly, 243 Win. (722) (includes Barrel, Barrel Bracket, Front Sight Ramp, Front Sight Ramp Pin, Front Sight Ramp Screw, Receiver)		17975	Magazine Follower, 222 Rem. (722)	.75
20190	Bolt Assembly, 30-06, 270 Win., 280 Rem. (721) (includes Bolt Body, Bolt Head, Bolt Handle, Bolt Pin, Ejector Washer)		16793	Magazine Follower, 222 Rem. Mag. (722)	1.00
20191	Bolt Assembly, 300 Mag., 264 Win. Mag. (721)		17970	Magazine Spacer, 222 Rem. (722)	.30
20795	Bolt Final Assembly, 30-06, 270 Win., 280 Rem. (721) (includes Bolt Assembly, Ejector, Ejector Pin, Ejector Spring, Extractor, Firing Pin Assembly)		16794	Magazine Spacer, 222 Rem. Mag. (722)	.85
20796	Bolt Final Assembly, 300 Mag., 264 Win. Mag. (721)		17028	Magazine Spring (721)	1.00
20192	Bolt Assembly, 308 Win., 257 Roberts, 244 Rem., 300 Sav., 243 Win. (722)		17891	Magazine Spring, 257 Roberts, 308 Win., 244 Rem., 300 Sav., 243 Win. (722)	1.10
20193	Bolt Assembly, 222 Rem., 222 Rem. Mag. (722)		17983	Magazine Spring, 222 Rem., 222 Rem. Mag. (722)	1.10
20797	Bolt Final Assembly, 308 Win., 244 Rem., 257 Roberts, 300 Sav., 243 Win. (722)		17029	Main Spring (721)	.55
20798	Bolt Final Assembly, 222 Rem., 222 Rem. Mag. (722)		17058	Main Spring (722)	.55
17012	Bolt Plug		26355	Rear Guard Screw	.30
17013	Bolt Stop	24525	Rear Sight Assembly (includes Rear Sight Collar, Rear Sight Eyepiece, Rear Sight Leaf, Rear Sight Windage Screw)	4.00	
24475	Bolt Stop Pin	16454	Rear Sight Base	1.10	
17038	Bolt Stop Release	16023	Rear Sight Base Screw	.30	
17014	Bolt Stop Spring	16456	Rear Sight Screw	.30	
16601	Butt Plate	28095	Rear Sight Step (selected sizes)	.30	
25410	Butt Plate Screw	16968	Rear Sight Washer (all calibers)	.30	
17580	Center Guard Screw	17034	Receiver Plug Screw	.30	
17017	Ejector	21386	Recoil Pad, 300 Mag. (721)	4.50	
17639	Ejector, 222 Rem., 222 Rem. Mag. (722)	16262	Recoil Pad Screw, 300 Mag. (721)	.30	
17676	Ejector Pin	17040	Safety	1.10	
17019	Ejector Spring	23222	Safety Detent Ball	.30	
20465	Extractor	17042	Safety Detent Spring	.30	
20466	Extractor, 300 Mag., 264 Win. and 375 H & H Mag. (721)	17043	Safety Detent Pivot Pin	.30	
20467	Extractor, 222 Rem., 222 Rem. Mag. (722)	17044	Safety Snap Washer	.30	
22020	Firing Pin (721)	24476	Sear Pin	.30	
22021	Firing Pin (722)	22045	Sear and Safety Cam Assembly (includes Safety Cam, Sear)	2.00	
22040	Firing Pin Assembly (721) (includes Bolt Plug, Firing Pin, Firing Pin Cross Pin, Firing Pin Head, Main Spring)	17047	Sear Spring	.30	
22041	Firing Pin Assembly (722)	20215	Sling Strap Assembly (1" Plain Swivels)	3.05	
17022	Firing Pin Cross Pin	20215	Sling Strap Assembly (1" Quick Detachable Swivels)	3.05	
23320	Firing Pin Head	24540	Stock Assembly, A Grade, 30-06, 270 Win., 280 Rem. (721) (includes Butt Plate, Butt Plate Screw (2), Stock, Stock Reinforcing Screw)	23.80	
22035	Front Guard Screw (721)	24670	Stock Assembly, A Grade, 300 Mag., 264 Win. Mag. (721) (includes Recoil Pad, Recoil Pad Screw (2), Stock, Stock Reinforcing Screw)	29.00	
22037	Front Guard Screw (722)				
16771	Front Sight. Use 23805				



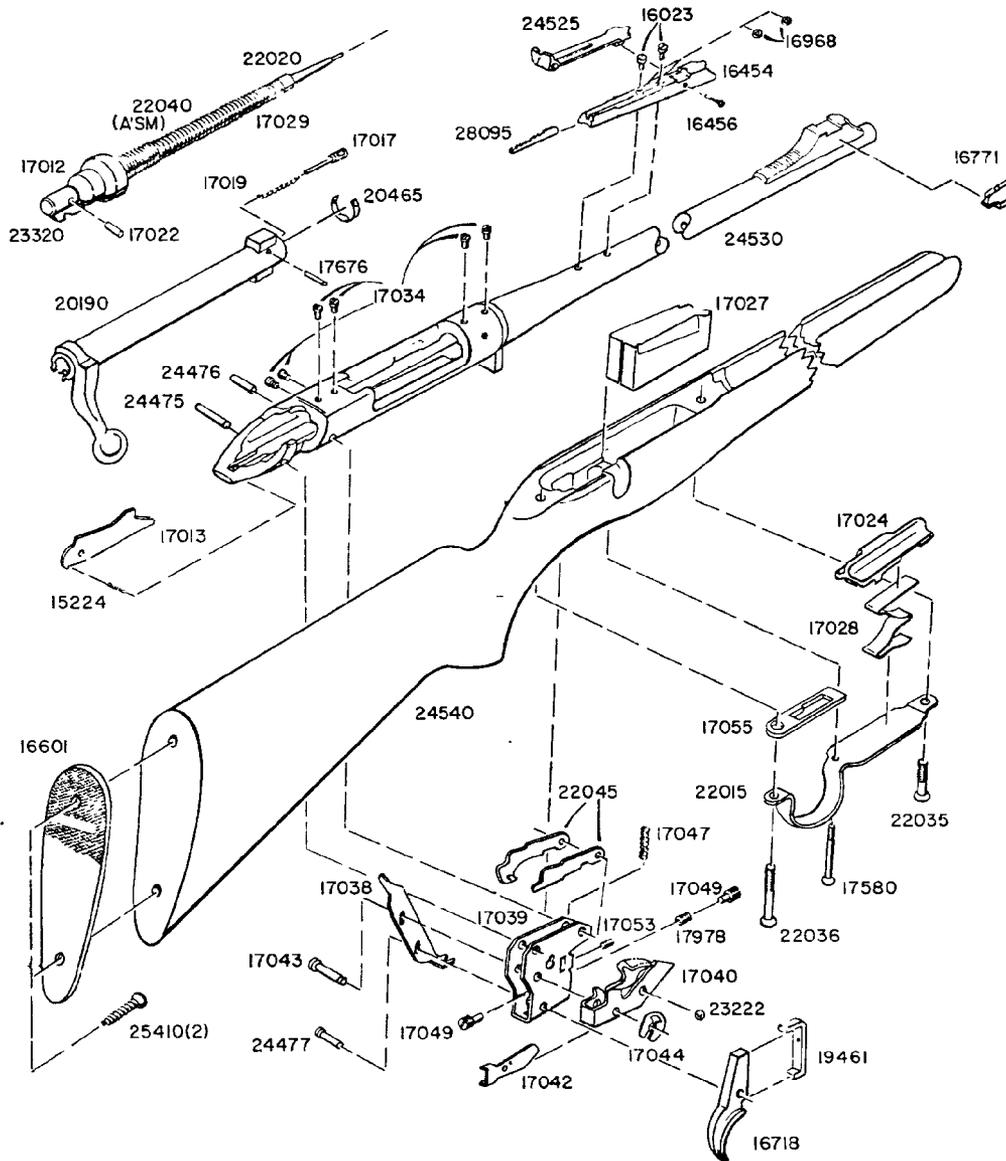
(DISCONTINUED)

Remington

BOLT ACTION—HIGH POWER CALIBERS

**MODEL
721
MODEL
722**

**Repeating
Rifles**



SECTIONAL VIEW

This copyrighted material is reprinted from THE AMERICAN RIFLEMAN (published monthly), the official journal of The National Rifle Association of America, 1600 Rhode Island Ave., N.W., Washington 6, D.C.

REPLACEMENT PARTS — When ordering parts, specify model, caliber, part name and number, and serial number of rifle.

NOTE The sale of barrel assemblies (includes receiver), and bolt assemblies is restricted. When these parts are needed for replacement, selective assembly is required to assure proper operation. All other parts will be shipped as ordered but, since they are made to close dimensions, the particular part may require slight adjustment or fitting to assure proper functioning of the arm.

COMPONENT PARTS



PRICE LIST

Bolt Action — High Power Repeating Rifles

Calibers — 30-06, 270 Win., 300 H & H Magnum, 280 Rem., 264 Win. Mag.
300 Sav., 308 Win., 222 Rem., 257 Roberts, 244 Rem., 222 Rem. Mag., 243 Win.

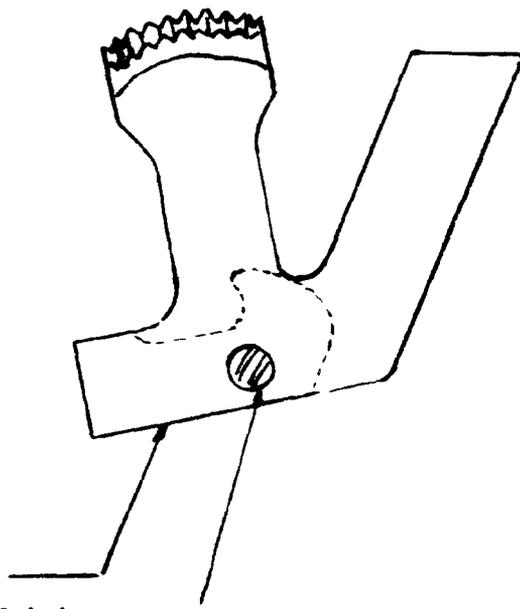
MODEL

721
and
722

UNLESS OTHERWISE SPECIFIED, PARTS ARE SAME FOR BOTH MODELS

When ordering parts — Model No., Part No. and Part Name must be given.

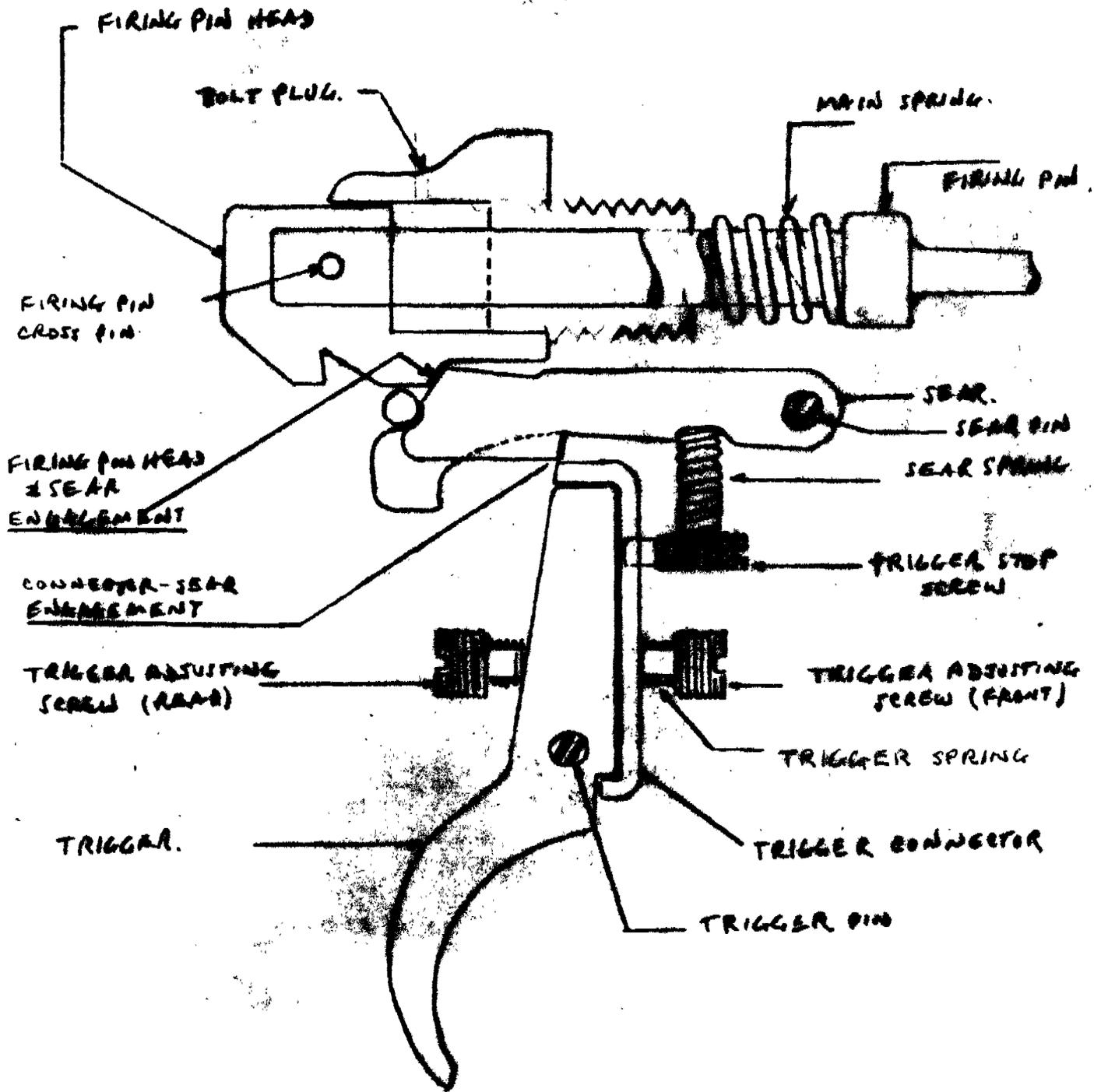
Part No.	NAME OF PART	List Price	Part No.	NAME OF PART	List Price
24671	Stock Assembly, A Grade, 222 Rem., 244 Rem., 222 Rem. (Mag., 722)	\$23.80	16718	Trigger, Use 15280	\$ 1.20
20841	Stock Assembly, ADL Grade, High Comb, 222 Rem., 244 Rem. (722)	52.80	17049	Trigger Adjusting Screw	.30
18186	Stock Reinforcing Screw	.40	19461	Trigger Connector	.55
20890	Stock Swivel Front Assembly	.90	22015	Trigger Guard	1.65
20895	Stock Swivel Rear Assembly	1.10	22016	Trigger Guard (722)	1.65
18424	Stock Swivel Screw Bushing, Front	.25	17055	Trigger Guard Plate	.45
22240	Stock Swivel Screw, Front (Quick Detachable)	.85	17978	Trigger Spring	.30
17680	Stock Swivel Screw, Rear (Quick Detachable)	.85	24477	Trigger Pin	.30
20430	Stock Swivel, Front or Rear (Quick Detachable) (722)	2.50	17053	Trigger Stop Screw	.30
22010	Trigger Assembly (includes Bolt Stop Release, Housing, Safety, Safety Detent Ball, Safety Detent Spring, Safety Pivot Pin, Safety Snap Washer, Sear and Safety Cam Assembly, Sear Spring, Trigger, Trigger Adjusting Screw, Trigger Connector, Trigger Pin, Trig- ger Spring, Trigger Stop Screw)	9.90	SUPERSEDED or SERVICE PARTS		
			28200	Rear Sight Assembly, Complete (includes Rear Sight Assembly, Rear Sight Base, Rear Sight Base Screw (2), Rear Sight Screw, Rear Sight Step, Rear Sight Washer (2))	\$ 6.85



SAFETY

SAFETY PIVOT PIN.

NWM 2/1973
REFER - EP-INST. FADR.



NWM 2/1973
 REFER. - OP. INST. FLDR.

REMINGTON FIELD SERVICE MANUAL

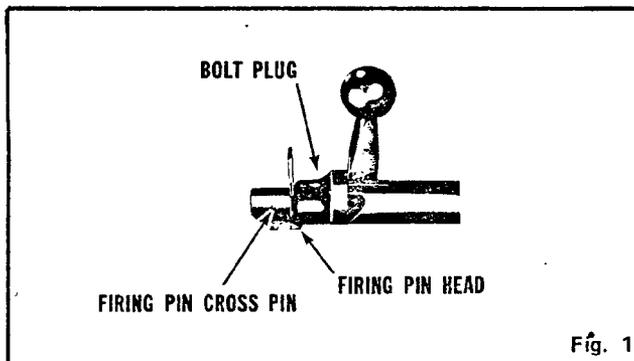
DISASSEMBLY

BOLT AND COMPONENTS

Press upward on bolt stop release in front of trigger, lift up bolt handle as far as it will go, and pull bolt rearward from receiver.

FIRING PIN AND COMPONENTS

Pull firing pin head rearward until a coin can be inserted between it and bolt plug. (Fig. 1). This can be done by catching notch in firing pin head on a sharp corner. Unscrew bolt plug to remove firing pin assembly.



FIRING PIN

Drive out firing pin cross pin (See Fig. 1) with a punch, leaving punch in hole to hold parts together to prevent main spring tension from stripping off firing pin head and bolt plug forcefully. Compress main spring with bolt plug until coin, punch and firing pin head can be removed and release main spring tension carefully, removing firing pin head, bolt plug and main spring.

EJECTOR

Drive out ejector pin. Leave punch in hole. Compress ejector spring by pressing on ejector. Remove punch. Release ejector slowly until ejector spring is no longer loaded. Remove ejector and ejector spring.

EXTRACTOR

With pointed tweezers inserted in holes provided in the ends of extractor, compress ends together until extractor can be removed from face of bolt. Do not attempt to remove only one end of extractor and then pull it from bolt face as bending will result.

BARREL AND ACTION FROM STOCK

Unscrew rear, center, and front guard screws. Remove trigger guard, magazine spring, magazine follower and trigger guide

plate from bottom of stock. Lift barrel and action out of stock. Remove magazine from either stock or receiver as it will remain in either.

BOLT STOP

Drive out bolt stop pin, drop rear end of trigger housing, remove bolt stop and bolt stop spring.

TRIGGER HOUSING ASSEMBLY

Drive out sear pin and remove trigger housing assembly from bottom of receiver.

TRIGGER HOUSING

Remove sear, safety cam and sear spring. With a screwdriver or coin push the safety snap washer out of slot in safety pivot pin, remove safety detent spring, safety detent ball, safety pivot pin, bolt stop release, and safety. Be careful not to lose safety detent ball. Remove front and rear trigger adjusting screws, trigger spring, and trigger stop screw. Drive out trigger pin and remove trigger and trigger connector.

BARREL-RECEIVER ASSEMBLY

When necessary to disassemble, return rifle to factory.

ASSEMBLY

TRIGGER HOUSING

Assemble trigger connector, trigger and drive in trigger pin until it is even with right side of trigger housing. Assemble trigger spring, front trigger adjusting screw, rear trigger adjusting screw, and trigger stop screw. Assemble safety, bolt stop release, safety pivot pin, safety detent ball, safety detent spring, and safety snap washer.

Assemble sear spring, sear and safety cam.

BOLT ASSEMBLY EXTRACTOR

With pointed tweezers inserted in holes provided in end of extractor, compress ends together with extractor hook facing bolt face. Assemble extractor in bolt face. Do not try to assemble by forcing it into bolt face with fingers.

EJECTOR

Assemble ejector spring and ejector with stem end in spring. Align ejector with ejector pin hole, compress ejector, insert punch and drive in ejector pin.

MODEL 721-722

FIRING PIN

Assemble main spring and bolt plug, grasp bolt plug and compress main spring. Assemble firing pin head, align hole in firing pin head and firing pin, insert punch. Insert coin between front end of firing pin head and rear end of bolt plug. Drive in firing pin cross pin.

FIRING PIN ASSEMBLY

Assemble firing pin assembly in rear end of bolt. Align firing pin head with detent notch in rear end of bolt, and remove coin between firing pin head and bolt plug.

BARREL—ACTION

BOLT STOP

Assemble trigger housing in receiver with sear pin. Assemble bolt stop spring and bolt stop in receiver, and drive bolt stop pin in part way. Raise up rear end of trigger housing until hole aligns, compress sear and safety cam and completely drive in bolt stop pin.

BOLT ASSEMBLY

Assemble bolt assembly in receiver and close, leaving firing pin cocked. Turn rear trigger adjusting screw right or left to obtain proper engagement of trigger connector with sear. Turn front trigger adjusting screw right or left to secure proper weight of pull. Adjust trigger stop screw by turning clockwise until trigger cannot be pulled. Hold on trigger and back off trigger stop screw until firing pin falls.

BARREL—ACTION—STOCK ASSEMBLY

Assemble magazine box to receiver, stock to barrel action, magazine follower and magazine spring in magazine, trigger guide plate and trigger guard to stock with rear, center, and front guard screws.

FITTING OF NEW PARTS AND ADJUSTING

BARREL—RECEIVER ASSEMBLY

When required to disassemble return rifle to factory.

BOLT

Remove bolt assembly from receiver. Remove firing pin assembly, ejector and extractor from bolt. Try new bolt for freedom in receiver and headspace. Mark serial number on new bolt, assemble extractor, ejector and firing pin assembly. Check freedom of firing pin and protrusion. Assemble bolt assembly in receiver. Inspect for cocking of firing pin and blow, operation of safety, ejector and extractor.

BOLT PLUG

Remove bolt assembly from receiver. Remove firing pin assembly from bolt, drive out firing pin cross pin and remove firing pin head and bolt plug. After reassembling, try for operation of bolt, firing pin protrusion, and safety.

BOLT STOP

Remove bolt assembly from receiver, rear, center and front trigger guard screws, and action from stock. Drive out bolt stop pin part way and remove bolt stop. After replacing bolt stop, check for freedom of movement.

BOLT STOP RELEASE

Remove bolt assembly from receiver, rear center and front trigger guard screws and action from stock. Remove safety snap washer and safety pivot pin.

After replacing bolt stop release, check for freedom of movement.

BOLT STOP SPRING

Remove bolt assembly from receiver, rear, center and front trigger guard screw, and action from stock. Drive out bolt stop pin part way and remove bolt stop and spring. After replacing bolt stop spring, check for freedom of movement of the bolt stop.

EJECTOR

Remove bolt assembly from receiver. Drive out ejector pin and remove ejector. After reassembling ejector, check for freedom of movement and that ejector moves below bolt face.

EJECTOR SPRING

Remove bolt assembly from receiver. Drive out ejector pin and remove ejector and ejector spring. After reassembling ejector spring, check freedom of ejector.

EXTRACTOR

Remove bolt assembly from receiver. Drive out ejector pin and remove ejector and ejector spring. With pointed tweezers inserted in holes provided in ends of extractor, compress ends together until extractor can be removed from face of bolt. To replace a new extractor use tweezers as above noted. Extractor hook to face bolt.

After reassembling extractor, reassemble ejector spring, ejector with ejector pin. Try extractor on a dummy cartridge in chamber to check closing over rim and ejection.

FIRING PIN

Remove bolt assembly from receiver and firing pin assembly from breech bolt. Drive out firing pin cross pin and remove firing pin head, bolt plug and main spring from firing pin.

After assembling new firing pin, check freedom in bolt, protrusion, cocking, operation of safety, and blow.

FIRING PIN HEAD

Remove bolt assembly from receiver and firing pin assembly from breech bolt. Drive out firing pin cross pin and remove

firing pin head. After reassembling firing pin head, check cocking, safety operation, cocking of firing pin, protrusion, and blow.

FRONT TRIGGER ADJUSTING SCREW

Remove bolt assembly from receiver, rear, center and front trigger guard screws, and action from stock. Remove front trigger adjusting screw.

After reassembling front trigger adjusting screw, adjust screw until trigger pull has correct weight.

MAIN SPRING

Remove bolt assembly from receiver and firing pin assembly from bolt. Drive out firing pin cross pin and remove firing pin head, bolt plug and main spring. After reassembling main spring, check freedom of firing pin, firing pin blow, operation of bolt.

MAGAZINE

Remove bolt assembly from receiver, rear, center and front trigger guard screws, action from stock, magazine spring, magazine follower from magazine and magazine from receiver or stock.

After reassembling magazine, check for loading and feeding or cartridges.

MAGAZINE FOLLOWER

Remove bolt assembly from receiver, rear, center, and front trigger guard screws, trigger guard from stock. Remove magazine follower from magazine spring.

After reassembling magazine follower, check freedom in magazine, loading and feeding of cartridges.

MAGAZINE SPRING

Remove bolt assembly from receiver, rear, center, and front trigger guard screws, and trigger guard from stock. Remove magazine spring and magazine follower from magazine. Remove magazine spring from magazine follower. After reassembling magazine spring, check loading and feeding of cartridges.

REAR TRIGGER ADJUSTING SCREW

Remove bolt assembly from receiver, rear, center, and front trigger guard screws, and action from stock. Remove rear trigger adjusting screw. Adjust new screw until proper engagement of trigger connector and sear is made.

SAFETY

Remove bolt assembly from receiver, rear, center, and front trigger guard screws, and action from stock. Remove safety snap washer, safety detent spring, safety detent, safety detent pin and safety.

After reassembling new safety, check locking of bolt, working of detent, locking of sear and freedom of movement.

SAFETY DETENT

Remove bolt assembly from receiver, rear, center, and front trigger guard screws and action from stock. Remove safety snap washer, safety detent spring and safety detent.

After reassembling new detent, try safety for proper operation.

SAFETY DETENT SPRING

Remove bolt assembly from receiver, rear, center, and front trigger guard screws and action from stock. Remove safety snap washer and safety detent spring.

After reassembling new spring, try safety for proper working.

SAFETY PIVOT PIN

Remove bolt assembly from receiver, rear, center, and front trigger guard screws and action from stock. Remove safety snap washer and safety pivot pin.

SAFETY SNAP WASHER

Remove bolt assembly from receiver, rear, center, and front trigger guard screws and action from stock. Remove safety snap washer.

SEAR—SAFETY CAM ASSEMBLY

Remove bolt assembly from receiver, sear, center, and front trigger guard screws and action from stock. Drive out bolt stop pin part way and drive out sear pin. Remove trigger assembly. Remove sear and safety cam from trigger assembly;

After reassembling new sear—safety cam, check operation of trigger, safety, bolt, and firing pin for proper function. Adjust trigger function as needed.

SEAR SPRING

Remove bolt assembly from receiver, rear, center, and front trigger guard screws and action from stock. Drive out bolt stop pin part way and drive out sear pin. Remove trigger assembly. Remove sear, safety cam and sear spring from trigger assembly.

After reassembly of new spring, check function of sear—safety cam, safety, firing pin, bolt and trigger.

STOCK

Remove bolt assembly from receiver, rear, center, and front trigger guard screws, trigger guard, trigger guide plate, magazine spring, magazine follower. Remove action from stock and magazine from receiver or stock.

After assembling new stock, check for barrel pull at front end of fore-end clearance at bolt handle, operation of safety and trigger.

MODEL 721-722

TRIGGER ASSEMBLY

Remove bolt assembly from receiver, rear, center, and front trigger guard screws and action from stock. Drive out bolt stop pin part way and drive out sear pin. Remove trigger assembly.

After reassembling new trigger assembly, try bolt for cocking firing pin, safety, and trigger for correct weight and travel. Try trigger for proper engagement of trigger connector with sear.

TRIGGER

Remove bolt assembly from receiver, rear, center, and front trigger guard screws and action from stock. Remove front trigger adjusting screw and trigger spring from trigger housing. Drive out trigger pin and remove trigger and trigger connector.

After reassembling trigger, check trigger for travel and weight of pull. Adjust front and rear trigger adjusting screws and trigger stop screw if required. Try safe and cocking of firing pin.

TRIGGER CONNECTOR

Remove bolt assembly from receiver, rear, center, and front trigger guard screws and action from stock. Remove front trigger adjusting screw and trigger spring from trigger housing. Drive out trigger pin and remove trigger and trigger connector.

After reassembling trigger connector, check trigger for operation and freedom. Try safe and cocking of firing pin.

TRIGGER GUARD

Remove bolt assembly from receiver, front center, and rear trigger guard screws and trigger guard from stock.

TRIGGER GUIDE PLATE

Remove bolt assembly from receiver, front, center, and rear trigger guard screws, trigger guard and trigger guide plate.

After reassembling trigger guide plate, check freedom of trigger.

TRIGGER HOUSING

Remove bolt assembly from receiver, front, center, and rear trigger guard screws and action from stock. Drive out bolt stop pin part way, drive out sear pin and remove trigger assembly from receiver. Remove all parts from trigger housing.

After reassembling trigger housing check operation of trigger, safety, bolt, and firing pin. Adjust front and rear trigger adjusting screws and trigger stop screw, if required.

TRIGGER SPRING

Remove bolt assembly from receiver, front, center, and rear trigger guard screws and action from stock. Remove front trigger adjusting screw and trigger spring from trigger housing.

After reassembling trigger spring, adjust front trigger adjusting screw until the proper weight of trigger pull is accomplished.

TRIGGER STOP SCREW

Remove bolt assembly from receiver, front, center, and rear trigger guard screws and action from stock. Remove trigger stop screw from trigger housing.

After replacing trigger stop screw, adjust until proper movement of trigger is accomplished.

CYCLE OF OPERATION

The operation cycle of the Model 721-722 is similar and common with most hand-operated bolt action rifles. Firing, movement of Bolt Handle upward and fully back to open, then forward again and down to close Bolt completes cycle. Presuming rifle to be fully loaded with one cartridge locked in barrel chamber, the sequence for operations cycle is as follows:

FIRING

The firing cycle is simply the release of a spring-loaded firing pin. The forward thrust of the spring-urged pin strikes primer of cartridge with sufficient force to indent primer and ignite powder charge. With thumb-operated safety in "OFF" position, rifle is fired by pulling trigger rearward. In detail, the rearward movement of trigger carrier trigger connector forward. This action deprives blocked sear of its support and permits it to be cammed downward by pressure from cocked firing pin. As this support is removed beneath sear, firing pin cams sear downward and sear cams connector forward. Action of connector is to allow shortest movement of trigger possible with absolutely no over-travel.

UNLOCK

After firing, the upward swing of bolt handle rotates bolt. The two locking lugs at head of bolt are then unseated from support of two locking shoulders in Receiver. The bolt is then free to be withdrawn rearward.

COCK

Simultaneously with the unlocking cycle, a cam at rear of rotating bolt withdraws and locates firing pin to a partially cocked position on rear perimeter of bolt. The remainder of cocking is accomplished during locking cycle.

EXTRACTION

The rim of cartridge is seated within Bolt Head and is gripped by claw of a circular recessed Extractor. During the latter portion of rotation of Bolt Handle for unlocking a primary extraction cam retracts Bolt approximately 1/8" with a mechanical advantage of 8-1. With Bolt Handle turned fully upward and lugs of Bolt clear of locking shoulders in Receiver, bolt is free to be withdrawn rearward and complete extraction.

EJECTION

A spring urged pin ejector is located within bolt face and maintains outward pressure on base of cartridge. As bolt is moved rearward and front of cartridge or fired case reaches ejection port, constant pressure of ejector and opposing grip of extractor eject cartridge case from open port of receiver.

FEEDING

As fired cartridge is ejected, rearward travel of bolt is halted by bolt stop. As bolt clears magazine opening, top cartridge in magazine is urged upward by magazine spring and into feeding position. With action completely open, initial return movement of bolt engages rim of top cartridge fed from magazine. The continued forward travel of bolt advances cartridge up incline of Receiver and into chamber. Guided by bullet end of cartridge entering chamber, rear end is leveled free of feeding lip of Receiver.

LOADING

Resting ahead of advancing bolt, cartridge is urged forward and loaded into barrel chamber.

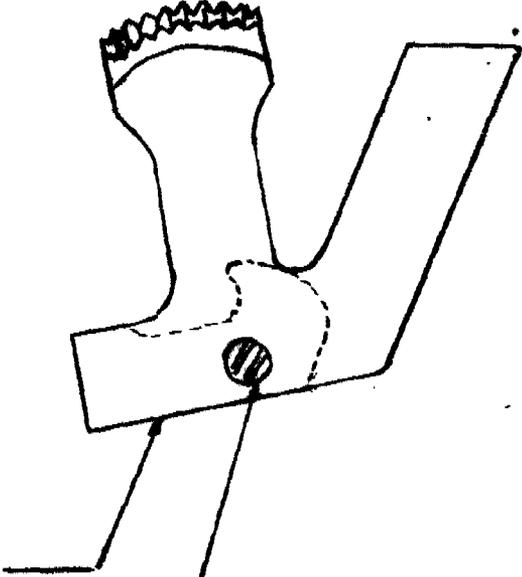
LOCKING

With action closed and cartridge full seated in chamber, further movement of Bolt Handle downward rotates and locks Bolt against chambered cartridge. During this rotary locking cycle, three engagements are effected: (1) The two lugs on bolt head are firmly supported by the locking shoulders within receiver; (2) Base of cartridge is seated in head of bolt, depressing ejector and flexing extractor to snap claw over rim of cartridge; and (3) Sear engages a camming surface on firing pin head, cocking cam of bolt is disengaged from firing pin and rotated to firing position, Sear is blocked in firing position by trigger and trigger connector until released by trigger action.

SAFETY

The thumb-operated Safety, located at rear right side of Receiver, has two functions. With action closed and Bolt in a locked position, rearward pivot of safety ("ON" position) will place a supporting member under safety cams which will in turn prevent release of cocked firing pin. The second function with safety in the same "ON" position will swing a locking blade into a channel at bottom rear of Bolt. This will lock Bolt in a closed position. With safety clicked forward in "OFF" position, internal conditions described above will be nonexistent, thereby permitting rifle to be fired.

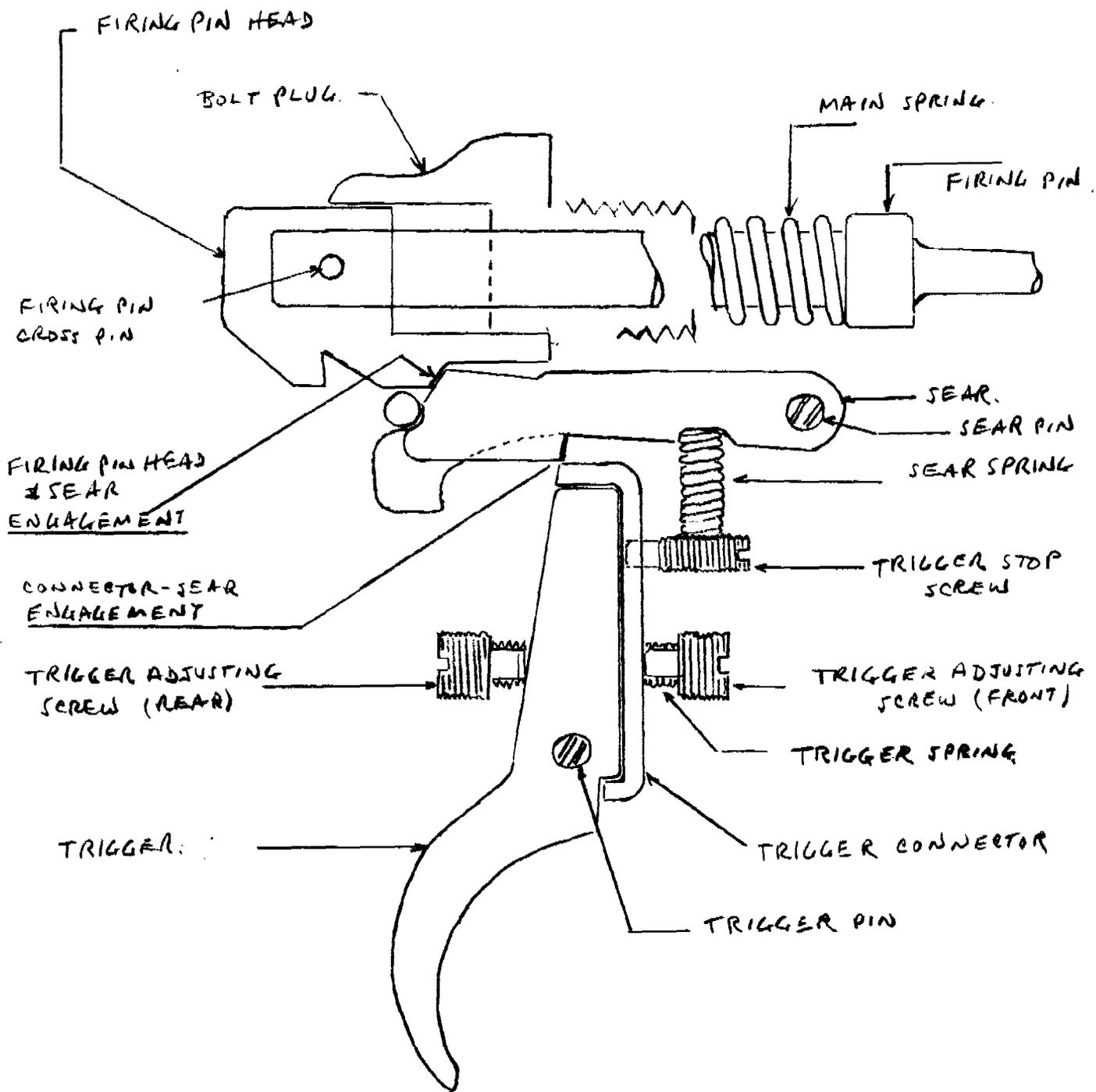
The instructions for Loading and Unloading, with directions for disassembly and care of rifle are contained in the instruction folder supplied with each rifle.



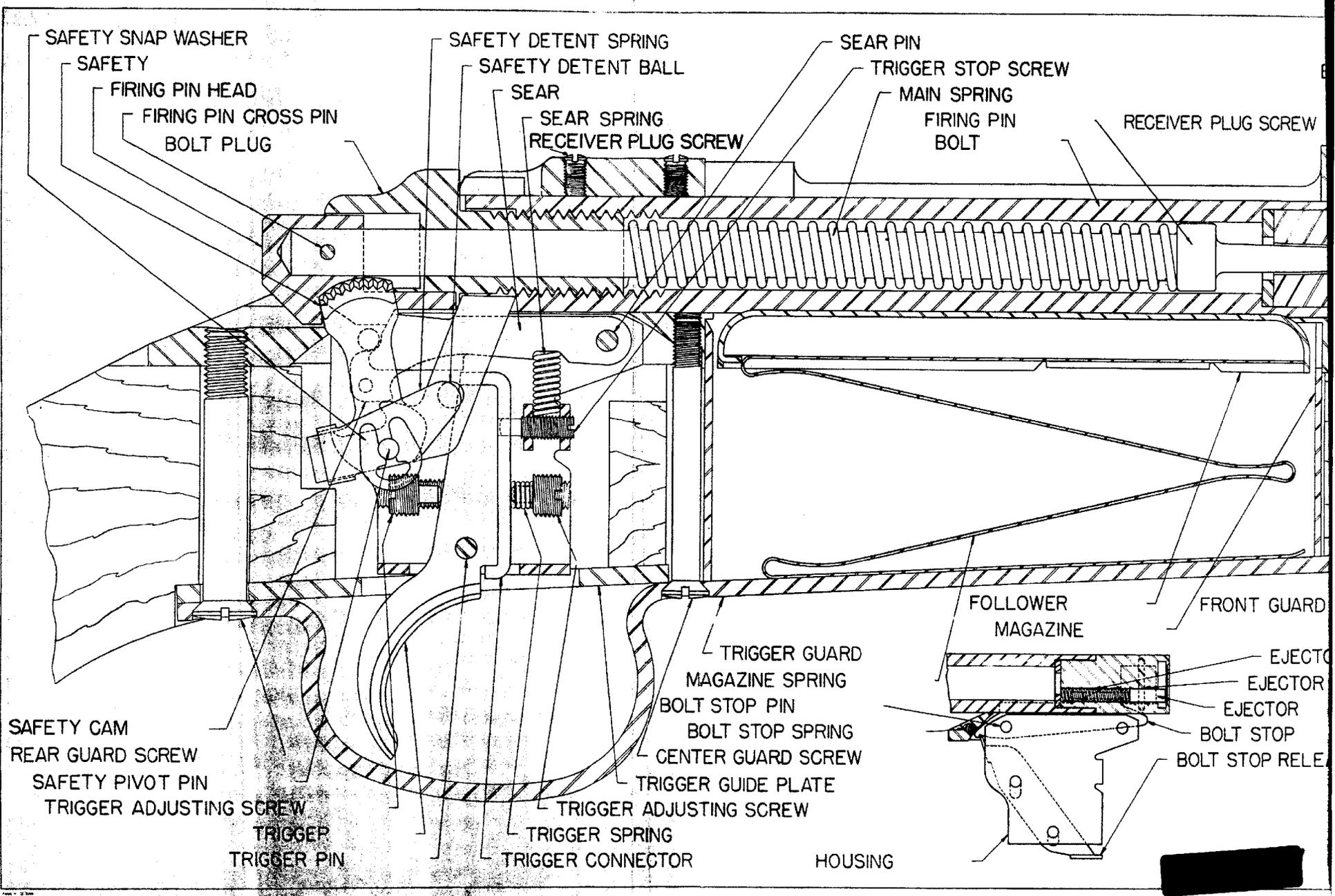
A hand-drawn technical diagram of a mechanical assembly. It features a central pivot point where two main components meet. One component is a vertical, somewhat cylindrical part with a serrated top edge. The other is a horizontal, L-shaped bracket. A circular pin is shown at the pivot point, with a dashed line indicating its path or a specific detail. Two lines extend from the bottom of the L-shaped bracket, one pointing towards the text 'SAFETY' and the other towards 'SAFETY PIVOT PIN.'.

SAFETY
SAFETY PIVOT PIN.

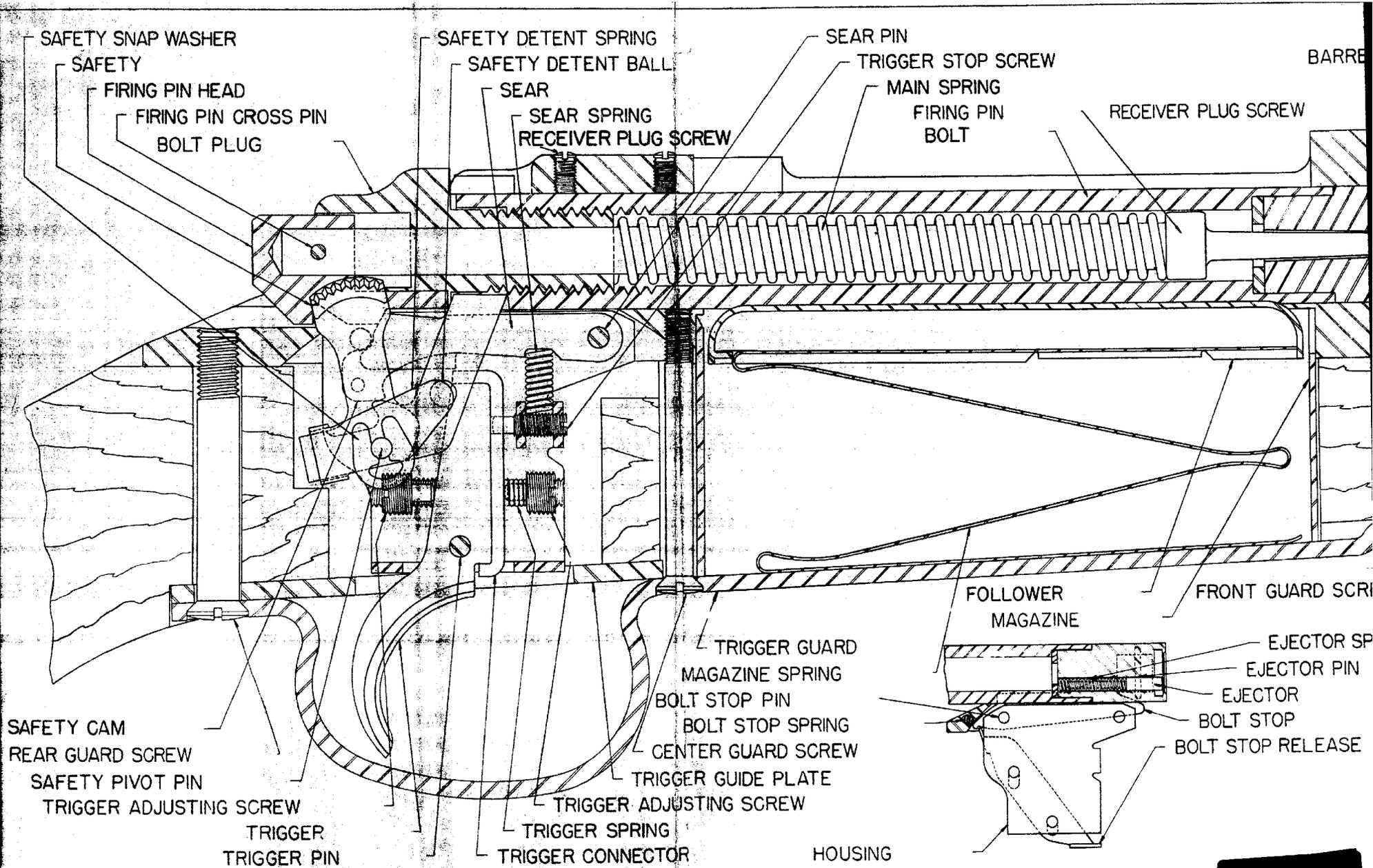
NWM 2/19/73
REFER - OP. INST. FADA.

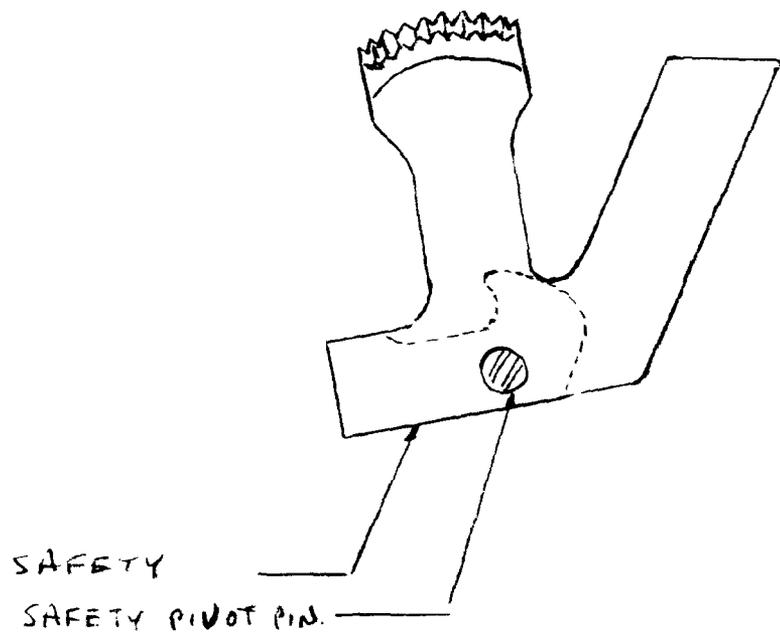


NWM 2/19/73
 REFER. - GA. INST. FLDR.



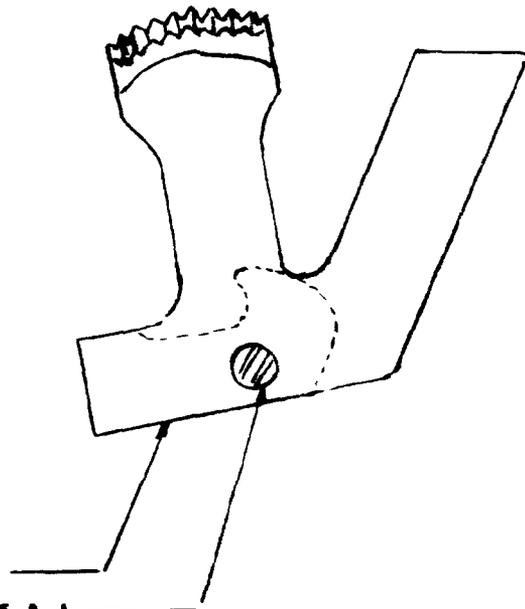
R2523842





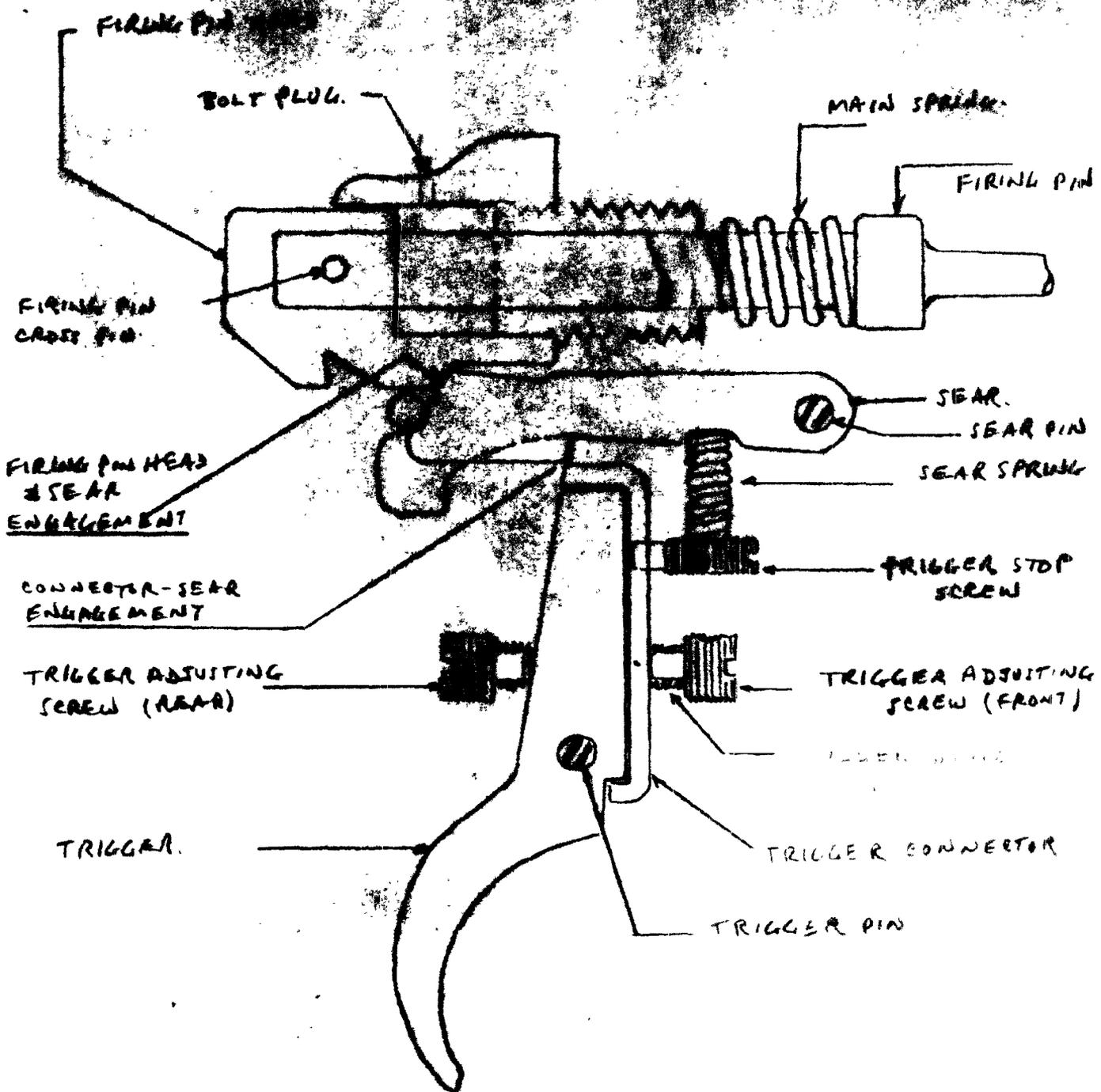
SAFETY
SAFETY PIVOT PIN.

NWM 2/19/73
REFER - OP. INST. FLDR.



SAFETY
SAFETY PIVOT PIN.

NWM 2/19/73
REFER - OP. INST. FLDR.



NWM 2/19/73
 REFER. - OP. INST. FLOR

DIRECTIONS FOR OPERATING

Barrel Obstructions: Before loading your gun always be sure there are no obstructions in the barrel such as heavy grease, snow, cleaning patches, etc. (See instructions below for removing bolt.)

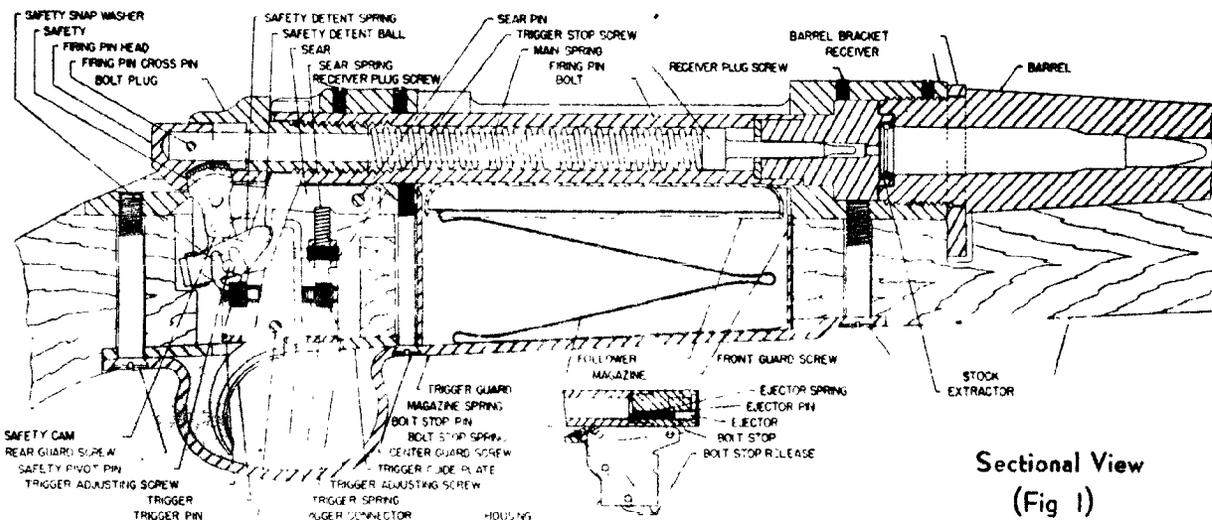
To Load Barrel: If single shots are desired, open bolt by turning bolt handle upward as far as possible; pull rearward to bolt stop; lay cartridge on magazine platform (or press cartridge down into magazine or insert cartridge directly into chamber), then close bolt by pushing forward and lock by turning bolt handle downward. **BE SURE GUN IS POINTED WHERE YOU WANT TO SHOOT.** The gun is now ready to fire. (In the interest of safety, keep the bolt open at all times except when you are actually using the gun.)

To Load Magazine: With bolt open lay cartridge on magazine platform and press into magazine until held by side walls, repeat until four (three in 300 H. & H. Magnum and five in the .222 Rem. and Rem. Magnum) cartridges are inserted. An extra cartridge may then be loaded directly into the chamber by holding down the top cartridge in the magazine to allow the bolt to pass over the cartridges in the magazine and close on the cartridge in the chamber by turning the bolt handle downward.

To Put "On Safe": Move safety rearward as far as it will go, at which point a definite detent, or click, will be felt or heard. This will disengage the sear and firing pin and lock the bolt handle in the closed position.

To Fire: Make sure the bolt is closed by turning the handle completely downward. **BE SURE GUN IS POINTED WHERE YOU WANT TO SHOOT.** Push the safety forward to "FIRE" position. Pull trigger to fire.

To Unload Barrel: To remove the cartridge from the chamber the bolt must first be fully closed with the handle down, then open bolt by turning handle upward and slowly pull the bolt rearward until the cartridge can be grasped with the fingers before the cartridge clears the receiver. Continue the rearward stroke of the bolt while the hand grasps the cartridge allowing it to be removed from the face of the bolt before ejection occurs.



Sectional View
(Fig 1)

To Unload Magazine: Point muzzle upward, push bolt about halfway forward or until cartridge is clear of magazine, pull bolt rearward allowing the cartridge to follow the bolt, turn the gun to the right dropping the cartridge into the hand. Repeat until magazine is empty. (In the interest of safety, make sure each time you handle your gun, other than actually firing it, that the chamber and magazine are empty.)

To Remove Bolt for Cleaning Barrel. Unload barrel and magazine as described above, then press upward on bolt stop release in front of trigger and pull bolt out of receiver. It is not necessary to operate the bolt stop release to reassemble.

SIGHT ADJUSTMENT

Open Sights: Sights on this Remington rifle are targeted at 100 yards and carefully adjusted at factory for average shooters.

Windage Adjustment, rear sight leaf (eyepiece) may be moved to the left by turning windage screw clockwise. This will move the bullet impact at target to the left. By turning windage screw count clockwise, rear sight leaf may be moved to the right. This will move the bullet impact to the right. **NOTE:** Windage screw is located beneath eyepiece on leaf.

Elevation or Range Adjustment, rear sight may be raised or lowered by adjusting notched sight stem beneath rear sight eyepiece. Bullet impact at target will lift or range increase, by raising rear sight. Bullet impact will drop, or range decrease, if rear sight is lowered.

Telescope or Receiver Sights: The all-purpose stock on this Remington rifle is adapted for use with telescope or receiver sights as well as gun factory sights. Location and design of rear sight hole are standard for most target telescope mounts.

If rear sight is removed for receiver sighting clearance, rear sight barrel screw holes may be filled with receiver plug screws.

DIRECTIONS FOR DISMOUNTING AND ASSEMBLING

To Remove Firing Pin Assembly: Pull firing pin head rearward until a coin can be inserted between it and the bolt plug. (Fig. 2.) This can be done by catching the notch in the firing pin head on a sharp corner. Unscrew the bolt plug to remove the assembly from the bolt.

To Remove Barrel and Action from the Stock: Remove the three guard screws, trigger guard magazine spring, follower, and trigger guide plate from the bottom. The magazine will remain either in the receiver or in the stock. In assembling the barrel and action to the stock be sure the magazine is seated properly in the receiver.

REPLACEMENT PARTS: Parts may be identified by name and location from Sectional View (Fig. 1). Prices for parts will be furnished upon application. When ordering parts, specify model, caliber, part name, and serial number of gun. The sale of barrel assemblies (includes receiver), and bolt assemblies is restricted. When these parts are needed for replacement, the arm must be returned to the factory as the use of special tools and gauges is required to assure proper operation. All other parts will be shipped as ordered but, since they are made to close dimension the particular part may require slight adjustment or fitting to assure proper functioning.

Proper Tools Are Required for the Following Operations: (Work should be done by qualified gun repairmen.)

Extractor: With pointed tweezers inserted in the holes provided in the ends of extractor, compress the ends together until the extractor can be removed from the face of the bolt. Do not attempt to remove only one end of the extractor and then pull it from the bolt face as distortion will result. With extractor hook facing towards bolt face, use tweezers to reassemble extractor into bolt. Do not try to assemble by forcing it into the recess with the fingers.