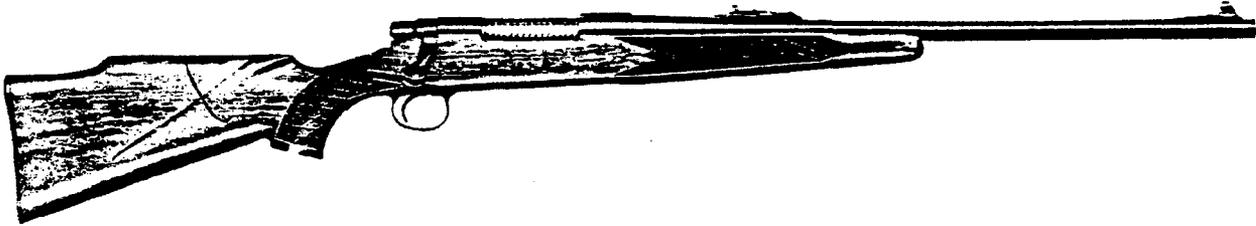


REMINGTON FIELD SERVICE MANUAL

The Remington Model 700 is a high power bolt action repeater available in a wide variety of center fire calibers. Two grades are supplied — ADL (standard) and BDL. Included in the BDL grade is the model 700 VARMINT — an extremely accurate rifle expressly designed for the high velocity "varmint" calibers.



The instruction folder RD-5461 is packaged with each new rifle. Folders may also be obtained from the retailer or dealer. This folder outlines operating instructions, instructions for care and maintenance of the rifle and a complete parts list.

When handling rifle for servicing or shipping make certain rifle is empty with no rounds in magazine or chamber.

Unless described otherwise, parts are interchangeable with no factory adjustment required.

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

REMINGTON ARMS COMPANY, INC.
Arms Service Division
Illion, New York 13357

All other inquiries are to be addressed to

REMINGTON ARMS COMPANY, INC.
Bridgeport, Connecticut 06602

BOLT FINAL ASSEMBLY

To Disassemble — With safety forward on FIRE position, lift bolt handle and pull rearward until action is halted by bolt stop. Press upward on bolt stop release — located in front of trigger and remove bolt final assembly from rifle.

To Service — Selective assembly at factory is required for replacement of bolt assemblies. However, firing, cocking, extractor and ejection parts are interchangeable and may be replaced with no factory adjustment required.

To Reassemble — With safety forward, insert bolt final assembly into rifle, push forward as far as possible and lower bolt handle. **Note:** Bolt must remain cocked to install. If uncocked, firing pin head will be recessed well inside bolt plug. To cock bolt, clamp firing pin head firmly to prevent movement and turn bolt with handle. Continue turning bolt handle until cocking notch on rear engages firing pin head. Bolt is then cocked and may be installed.

BOLT FINAL ASSEMBLY — COMPONENTS: Includes bolt assembly, ejector, ejector pin, ejector spring, extractor, extractor rivet, firing pin assembly. Firing pin assembly includes bolt plug, firing pin, firing pin cross pin, firing pin head and main spring.

EJECTOR — EJECTOR PIN — EJECTOR SPRING (in bolt assembly)

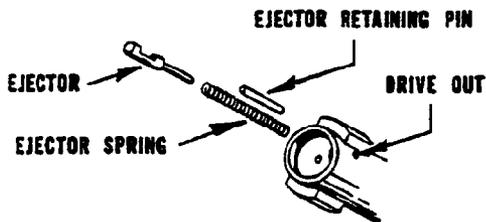


FIG. 1

To Disassemble — With bolt final assembly removed from rifle, drive out ejector pin and pull ejector spring from bolt. See Fig. 1.

To Reassemble — Insert ejector spring and ejector into bolt. Push ejector and hold against tension of ejector spring. Align ejector pin slot in ejector to pin hole in bolt and drive in ejector pin.

Note: Assembled ejector must work freely in bolt for proper ejection.

EXTRACTOR — EXTRACTOR RIVET (in bolt assembly)

To Disassemble — Disassemble ejector and ejector spring from bolt.

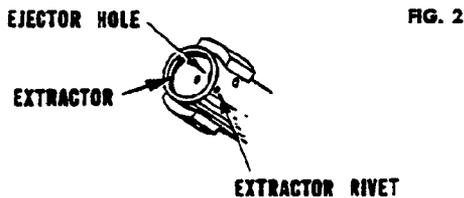


FIG. 2

Drive extractor rivet from bolt. See Fig. 2. Dislodge and remove loosened extractor from inside bolt rim.

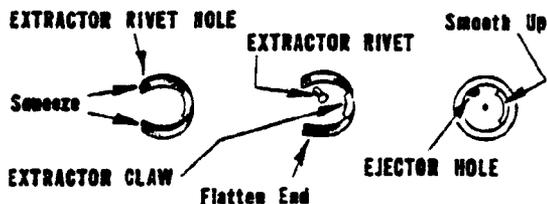


FIG. 3

To Service — Parts are interchangeable. Extractor rivet will most likely be damaged when driven from bolt and replacement rivet should be used in reassembly.

To Reassemble — Adjust replacement extractor for proper tension before reassembly as follows: Squeeze ends of extractor together slightly. See Fig. 3. Straighten tail of extractor. See Fig. 3. Place extractor inside rim in bolt face. Align hole in extractor with rivet hole in bolt. Insert extractor rivet.

Note: If original disassembled extractor is reassembled, adjustment for proper tension before reassembly may not be necessary.

Place support inside of bolt rim and against head of rivet. Peen over protruding end of rivet to tighten extractor in bolt. Reassemble ejector. Smooth up peening to blend with outside of bolt. Check extractor for proper tension using a fired case. Extractor must grip case firmly and hold case when breech is held face downwards.

If fired case is gripped too tightly (case snaps free with difficulty) tap extractor back under bolt rim using a soft metal punch. Test with fired case. Repeat, if necessary, until gripping pressure of extractor is satisfactory.

If fired case is gripped too loosely (case falls away when bolt is held face downward) extractor must be pulled from under rim to increase tension against case. Disassemble, if necessary, and rebend extractor as indicated in Fig. 3.

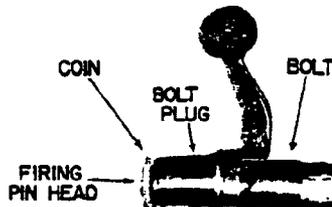
After tension has been adjusted satisfactorily, smooth up incline on extractor to match perfectly to breech bolt rim. See Fig. 3.

Note: An earlier design, in 222 caliber, incorporated a "snap in" type extractor requiring no rivet. These may easily be disassembled and reassembled by inserting pointed tweezers into holes provided in ends of extractor and compressing ends together. When reassembling, hook on extractor should face bolt.

FIRING PIN ASSEMBLY FROM BOLT ASSEMBLY

To Disassemble — Remove bolt final assembly from rifle. Pull firing pin head rearward until coin or washer can be inserted into slot near back edge of firing pin head. See Fig. 4. Unscrew and remove firing pin assembly from bolt assembly.

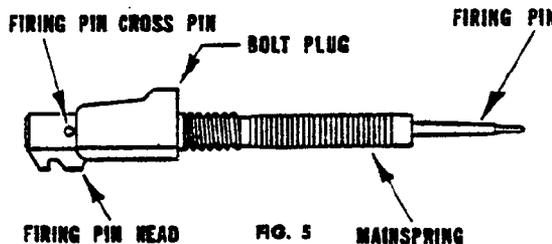
FIG. 4



To Service — Firing pin assembly is interchangeable and may be replaced as a unit with no factory adjustment required. Replacement of bolt assembly requires selective assembly for proper function.

To Reassemble — Follow reverse order.

FIRING PIN ASSEMBLY — COMPONENTS: Includes bolt plug, firing pin, firing pin cross pin, firing pin head, main spring.



To Disassemble — (with firing pin assembly removed from bolt).

Caution: Main spring is under compression. Disassembly of this unit is not recommended unless necessary for replacement of damaged parts. Suitable holding means must be used to prevent firing pin and/or firing pin head from flying free when cross pin is driven out.

Compress mainspring until firing pin cross pin is exposed. Hold firing pin and firing pin head securely and drive out cross pin. See Fig. 5. Release parts carefully and disassemble.

To Service — All parts in firing pin assembly are interchangeable with no factory fitting required. However, if replacing firing pin, a hole drilling operation in shank of firing pin is necessary. To do this, use a No. 42 size drill (.093).

Assemble shank of replacement firing pin into firing pin head. Make sure recess in head is clean and free of any obstructions. Seat shank of firing pin firmly onto firing pin head. Align drill through cross pin hole in firing pin head. Drill through firing pin shank.

To Reassemble — Reassemble all parts of firing pin assembly. Hold bolt plug against tension of reassembled main spring. Insert firing pin cross pin through firing pin head and shank of firing pin. Release tension on bolt plug.

REAR SIGHT ASSEMBLY (includes rear sight collar, rear sight eyepiece, rear sight leaf, rear sight windage screw).

To Disassemble — Unscrew and remove rear sight screw. Remove rear sight assembly from rear sight base.

To Service — Interchangeable with no factory adjustment required. Replacement as a unit is recommended.

To Reassemble — Place bent tabs on bottom of rear sight assembly into slot in rear sight base. Align holes, assemble and tighten rear sight screw.

REAR SIGHT STEP

To Disassemble — Grasp and lift rear sight eyepiece and slide rear sight step rearward.

To Service — Interchangeable. Additional steps, marked for size, are available for range purposes.

To Reassemble — Follow reverse order. Large end of step should face forward.

REAR SIGHT BASE

To Disassemble — Remove rear sight assembly and rear sight step. Unscrew and remove rear sight base screws, washer and base.

To Reassemble — Follow reverse order.

FRONT SIGHT HOOD (BDL Grade only)

To Disassemble — Pry bottom ears of hood apart slightly until hood can be slid forward and away from front sight base.

To Service — Interchangeable on all BDL grade front sight ramps. No factory adjustment required.

To Reassemble — Follow reverse order.

FRONT SIGHT

To Disassemble — Drive front sight out of front sight ramp from left to right. To prevent damage to sight a soft metal punch should be used.

To Reassemble — Follow reverse order.

FRONT SIGHT RAMP

To Disassemble — Unscrew and remove front sight ramp screws and front sight ramp.

To Reassemble — Follow reverse order.

TRIGGER GUARD (ADL Grade)

To Disassemble — Unscrew and remove trigger guard screws and disassemble trigger guard from stock.

To Reassemble — Follow reverse order.

TRIGGER GUARD ASSEMBLY (BDL Grade)

To Disassemble — Remove bolt assembly. Unscrew and remove

front and rear guard screws. Lift loosened stock assembly from trigger and disassemble trigger guard from stock assembly.

Note: To remove magazine follower and spring (assembled to floor plate) unlatch floor plate. Lift folded end of spring upward, pull back and disassemble from floor plate.

To Reassemble — Follow reverse order. Tighten screws firmly.

TRIGGER GUARD ASSEMBLY—COMPONENTS (BDL Grade) includes floor plate, floor plate latch, floor plate latch pin, floor plate latch spring, floor plate pivot pin, trigger guard.

To Disassemble — Drive out floor plate pivot pin and remove floor plate from trigger guard.

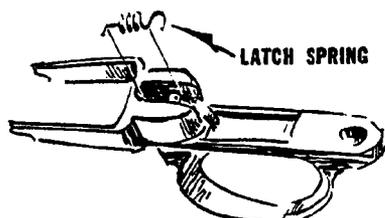


FIG. 6

Caution: Pivot pin is tight fitting. Support trigger guard properly to prevent damage to front section.

Unhook rear of floor plate latch spring from floor plate latch and front end of spring from trigger guard. Remove spring from guard. See Fig. 6.

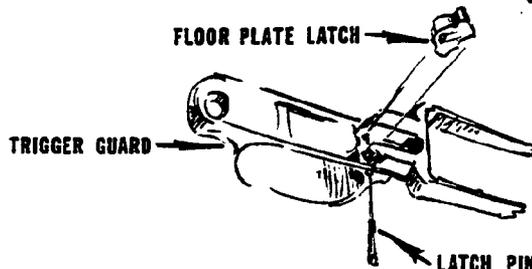


FIG. 7

Drive out floor plate latch pin — left to right and remove floor plate latch from trigger guard. See Fig. 7.

To Reassemble — Follow reverse order. Floor plate should swing freely and latch properly.

MAGAZINE — MAGAZINE FOLLOWER — MAGAZINE SPRING

To Disassemble — Remove bolt final assembly. Remove trigger guard or (in BDL grade) trigger guard assembly. Remove stock assembly. Remove magazine follower and spring. Unscrew magazine tab screw (ADL grade only) and remove magazine. BDL grade magazines are disassembled by simply lifting from receiver.

To Reassemble — Follow reverse order.

BOLT STOP — BOLT STOP SPRING — BOLT STOP PIN

To Disassemble — Remove bolt final assembly and stock assembly. Drive out bolt stop pin and remove bolt stop and bolt stop spring.

To Reassemble — Place bolt stop spring in recess in bottom left side of receiver. Long end of spring should face forward with bent end facing outward. Place bolt stop in slot with contoured edge facing up and hole to rear. Align holes and drive in bolt stop pin. When bolt stop release is pressed bolt stop should pivot freely.

SAFETY ASSEMBLY

To Disassemble — Remove bolt final assembly, trigger guard or trigger guard assembly, stock assembly, magazine, magazine follower and spring. Drive out bolt stop pin and remove

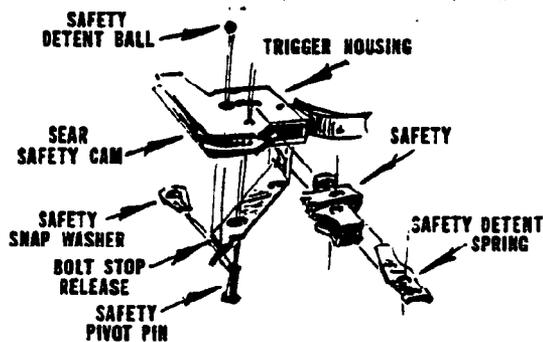


FIG. 8

bolt stop and spring. Disassemble safety snap washer and safety detent spring. Drive out safety pivot pin and remove safety assembly and safety detent ball. See Fig. 8.

Note: Trigger housing will pivot on sear pin when bolt stop pin is removed. Take care that sear spring (beneath sear safety cam) is not lost. Bolt stop release may also be removed at this time.

To Reassemble — Follow reverse order. Safety assembly and bolt stop should pivot freely.

TRIGGER ASSEMBLY

To Disassemble — Remove bolt stop pin, bolt stop and spring. Drive out sear pin and remove trigger assembly, sear spring and sear safety cam.

To Service — Trigger assembly may be replaced as a complete unit with no factory adjustment required (see trigger assembly components for listing). Readjustment of trigger connector-sear engagement may be required.

To Reassemble — Follow reverse order. Make sure sear spring is reassembled to function properly beneath sear safety cam.

TRIGGER ASSEMBLY COMPONENTS: Includes bolt stop release, trigger housing assembly, safety assembly, safety detent ball, safety detent spring, safety pivot pin, safety snap washer, sear safety cam, sear spring, trigger, trigger adjusting screw, trigger connector, trigger engagement screw, trigger pin, trigger spring, trigger stop screw.

To Disassemble — Remove trigger assembly. Disassemble sear safety cam, sear spring, safety assembly and bolt stop release. Unscrew and remove trigger engagement screw, trigger stop screw, trigger adjusting screw and trigger spring. Drive out trigger pin and remove trigger and trigger connector.

To Service — All parts of trigger assembly are interchangeable. However, readjustment of trigger connector-sear engagement may be required (see trigger adjustment).

To Reassemble — Place trigger connector on trigger (longer tab on top). Place assembled trigger and connector into housing, align holes and tap trigger pin into housing until flush with right side. Reassemble trigger spring, trigger adjusting screw, trigger engagement screw, and trigger stop screw. Replace safety assembly and bolt stop release. Reassemble sear spring

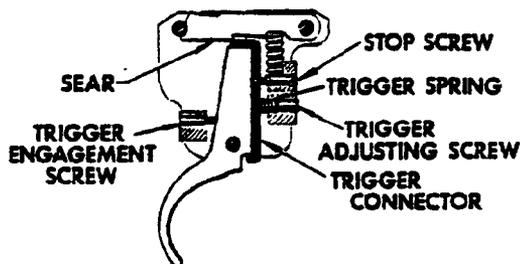


FIG. 9

and sear safety cam, align holes and tap in sear pin. Pin should not protrude into bolt stop slot. Adjust trigger if necessary and reseat or stake adjusting screws in place.

TRIGGER ADJUSTMENT. See Fig. 9.

Remove stock assembly and trigger guard.

IMPORTANT: Adjustment or removal of trigger engagement screw (behind trigger) is not recommended unless for replacement. This screw is factory adjusted to provide correct amount of trigger connector-sear engagement. This engagement can be seen through hole in housing when safety is forward in FIRE position.

Note: All adjusting screws are factory sealed with cement.

Pull of Trigger — is adjusted to desired weight by turning front trigger adjusting screw. Turn screw clockwise for heavier weight of pull and counter clockwise for lighter pull.

Travel of Trigger — is adjusted by turning trigger stop screw in front of housing. To reduce trigger travel, place bolt in receiver and cock action. Turn trigger stop screw clockwise until firing pin will not fall or fire rifle when trigger is pulled. Re-cock rifle and back off screw counter clockwise until firing pin will fall or fire rifle. This method of adjustment will allow least amount of trigger over travel.

STOCK ASSEMBLY

To Disassemble — Remove trigger guard or trigger guard assembly and remove stock assembly.

To Reassemble — Follow reverse order. Tighten screws securely.

STOCK ASSEMBLY — COMPONENTS (ADL Grade) includes butt plate, butt plate screw (2), front guard screw bushing, stock, stock reinforcing screw, stock reinforcing screw dowel.

To Disassemble — Unscrew and remove butt plate screws and butt plate. Front guard screw bushing may be removed for replacement if necessary, by driving out with a tool from inside of stock. Tap against inner edge of bushing until it comes free from stock. Avoid damage to stock.

To Reassemble — Follow reverse order. Replacement butt plate may require edge sanding to match stock outline.

STOCK ASSEMBLY — COMPONENTS (BDL Grade) includes ADL grade components plus butt plate spacer, fore end tip, fore end tip spacer, grip cap, grip cap spacer, front swivel nut.

To Disassemble — See disassembly of ADL grade. Front swivel nut may be disassembled for replacement by carefully driving out from inside of stock.

To Reassemble — Follow reverse order.

BARREL ASSEMBLY — Includes barrel, barrel bracket, receiver. Selective factory assembly is required for replacement of parts and to insure proper operation with bolt final assembly. Disassembly is not recommended. Replace as a unit.

SLING STRAP ASSEMBLY AND MOUNTINGS, COMPLETE:

Includes front swivel nut, front swivel screw, rear swivel screw, sling strap assembly, swivel assembly, Q. D. (2).

Note: Sling Strap Assembly includes sling strap, fastener, keeper and buckle. Strap is 3/8" wide. Swivel assemblies are (Q. D.) type.

A sling strap complete with mountings is packaged with each BDL Grade rifle. When attaching to rifle — assemble both quick detachable (Q. D.) swivel assemblies to stock. To do this, push plunger on swivel until small plate lifts and can be swung free of attaching stud on swivel. Then insert attaching stud into eye of stock screw. Close plate on swivel to lock swivel to stock screw.

To attach strap to swivels — insert tongue of strap into rear swivel. Loop strap back and through attached keeper band. Insert strap into and through buckle and front swivel. Loop back and secure with brass fastener. Adjust strap to desired position.

To remove strap from rifle, simply snap quick detachable swivels from stock screws and remove strap.

CYCLE OF OPERATION

The operation cycle of the Model 700 follows the basic pattern of bolt action rifles. After firing, raising of bolt handle will unlock action. Pulling bolt rearward will open action and extract and eject any fired case or round that may be in chamber. Pushing bolt handle forward and down closes and locks action—completing the cycle. Each operation is described in sequence below:

FIRING

With action closed and locked and safety in forward or FIRE position, rifle can be fired by pulling trigger. Pulling or squeezing trigger moves trigger connector forward, leaving sear unsupported against cocked firing pin head. With support removed, sear is cammed down by pressure of spring-loaded firing pin and firing pin is driven forward to strike primer.

UNLOCKING

Raising of bolt handle unseats locking lugs on bolt head from recoil shoulders in receiver.

COCKING

Cocking takes place as bolt handle is raised. A cam at rear of rotating bolt forces firing pin assembly rearward, compressing main spring, and holding assembly in cocked position in a notch at rear of bolt. This engagement holds until bolt handle is lowered again during locking cycle. Engagement is then transferred to sear to cock rifle.

EXTRACTION

This phase of operation cycle consists of two parts referred to as (1) primary extraction, and (2) secondary extraction. Primary extraction occurs simultaneously with unlocking. The rim of case, being completely encased by bolt head, is gripped by a circular recessed claw-type extractor. During final upward throw of bolt handle, a primary extraction cam retracts bolt approximately $\frac{1}{8}$ " with a mechanical advantage of about 8 to 1, completing primary portion of this phase. Bolt lugs are now free of locking shoulders in receiver and bolt may now be moved to rear—completing second phase of extraction.

EJECTION

Within the bolt face, maintaining constant pressure on head of cartridge, is a spring-loaded ejector. As bolt is retracted and front edge of cartridge reaches ejection port, pressure, along with opposing grip of extractor, ejects cartridge from port. Rearward motion of bolt is arrested by bolt stop.

FEEDING

With bolt stopped in rearward position, topmost cartridge in magazine will be urged upwards by magazine spring. It is held in position until carried forward by bolt into loading cycle.

LOADING

In closing the action, bolt pushes cartridge from magazine into barrel chamber. Feeding lips on top of magazine guide cartridge until bullet enters chamber.

LOCKING

Rotating bolt handle downward locks cartridge in barrel chamber. Four engagements are made in this cycle: (1) Locking lugs on bolt head are engaged with recoil shoulders in receiver. (2) Head of cartridge is seated into bolt head, depressing ejector while extractor claw is snapped over rim of cartridge. (3) Sear engages and locks firing pin in a cocked position by action of (4) Sear being supported from beneath by connector. Rifle is now ready for firing by release of trigger.

SAFETY

The safety, located at right rear of receiver, is operated by a push and pull action on the safety button. This two-position safety has two internal functions. When safety is rotated rearward, a cam is brought into position beneath sear safety cam. This locks cam against firing pin and prevents rifle from firing. Second function of safety in SAFE position ("S" marking) brings an arm into slot in bolt preventing bolt from being opened. Pushing safety forward to FIRE position ("F" marking) nullifies above conditions and rifle may be fired.

MALFUNCTIONS

Cause and Correction

Over-Ride

- Cause:**
1. Magazine Follower binds.
 2. Damaged Follower Spring.
 3. Magazine Spring caught under Guard.
 4. Tabs on Follower bent.

- Correction:**
1. Adjust side angle on Magazine Box.
 2. Change Spring.
 3. Correct.
 4. Straighten or replace Follower.

Stems Chamber

- Cause:**
1. Sharp or rough Receiver Rails.
 2. Sharp edge—rear end of Chamber.
 3. Rough Ramp in Receiver.
 4. Magazine Box loose in Receiver.

- Correction:**
1. Polish or file.
 2. Remove sharpness.
 3. Polish Ramp.
 4. Adjust.

Bolt Closes Hard Over Shells

- Cause:**
1. Bolt interferes with shell rim.
 2. Extractor interferes with shell rim.
 3. Ejector binds or fails to retract far enough.
 4. Burr at Ejector Hole on Bolt.
 5. Sharp corners on Bolt Lugs.
 6. Extractor Rivet loose.

- Correction:**
1. Remove interference or change Bolt.
 2. Fit new Extractor (grind relief in new Extractor behind Claw).
 3. Free up or replace.
 4. Deburr.
 5. File radius.
 6. Tighten or replace Rivet.

Fails to Extract

- Cause:**
1. Tight, rough or oversize Chamber.
 2. Extractor broken or damaged.
 3. Not enough Hook space on Extractor.
 4. Height of Claw not correct.
 5. Extractor stuck back.

- Correction:**
1. Ream if tight or rough.
Change Barrel Assembly if oversize.
 2. Fit new Extractor.
 3. Fit new Extractor.
 4. Fit new Extractor.
 5. Replace Extractor.

(Continued on page 8)

View No.	Part No.	NAME OF PART	View No.	Part No.	NAME OF PART
NOTE: Basic 30-06 Caliber listed below. See Sectional View for proper identity of parts. See added page for other caliber part listings.			15752	Magazine Follower, BDL Grade	
1		Barrel Assembly	15940	Magazine Tab Screw (ADL Grade)	
2		Bolt Assembly	17028	Magazine Spring	
		Bolt Final Assembly	15677	Magazine Spring, BDL Grade	
3	17012	Bolt Plug	35	17029 Main Spring	
4	17013	Bolt Stop	36	26355 Rear Guard Screw	
5	24475	Bolt Stop Pin	37	32510 Rear Sight Aperture	
6	15478	Bolt Stop Release	38	32500 Rear Sight Base	
7	15224	Bolt Stop Spring	39	28505 Rear Sight Base Screw (2)	
8	14472	Butt Plate	40	90905 Rear Sight Slide	
9	25410	Butt Plate Screw	41	90906 Elevation Screw	
10	15287	Center Guard Screw, ADL Grade	42	90904 Windage Screw	
11	17017	Ejector	43	15358 Rear Swivel Screw, BDL Grade	
12	17676	Ejector Pin	44	17034 Receiver Plug Screw	
13	17019	Ejector Spring	45	26585 Safety Assembly	
14	14669	Extractor	46	23222 Safety Detent Ball	
15	27340	Extractor Rivet	47	15368 Safety Detent Spring	
	15376	Fastener, Sling Strap	48	17043 Safety Pivot Pin	
16	22020	Firing Pin	49	17044 Safety Snap Washer	
17	22040	Firing Pin Assembly	50	15666 Sear Safety Cam	
18	17022	Firing Pin Cross Pin	51	24476 Sear Pin	
19	13690	Floor Plate, BDL Grade	52	17047 Sear Spring	
20	15291	Floor Plate Latch, BDL Grade	53	30855 Sling Strap Assembly, BDL Grade	
21	16451	Floor Plate Latch Pin, BDL Grade	26990	Sling Strap Assembly and Mountings Complete	
22	16452	Floor Plate Latch Spring, BDL Grade	54	26381 Stock Assembly, ADL Grade	
23	16453	Floor Plate Pivot Pin, BDL Grade	26401	Stock Assembly, BDL Grade	
24	22035	Front Guard Screw	18186	Stock Reinforcing Screw (not shown)	
25	15161	Front Guard Screw Bushing, ADL Grade	16970	Stock Reinforcing Screw Dowel (not shown)	
26	15373	Front Sight	55	26555 Swivel Assembly, BDL Grade (Q.D.)	
	15719	Front Sight (Low)	56	15280 Trigger	
27	28510	Front Sight Ramp	57	17053 Trigger Adjusting Screw	
	15635	Front Sight Ramp, BDL Grade	26346	Trigger Assembly	
28	28505	Front Sight Ramp Screw	58	19461 Trigger Connector	
29	15363	Front Sight Hood, BDL Grade	59	17053 Trigger Engagement Screw	
30	15357	Front Swivel Nut, BDL Grade	60	15281 Trigger Guard	
31	15356	Front Swivel Screw, BDL Grade	61	26376 Trigger Guard, BDL Grade	
	16537	Grip Cap, BDL Grade (not shown)	26371	Trigger Guard Assembly, BDL Grade	
	20606	Grip Cap Spacer, BDL Grade (not shown)	62	26555 Trigger Housing Assembly	
32	15284	Magazine, ADL Grade	63	24477 Trigger Pin	
	16430	Magazine, BDL Grade (not shown)	64	15400 Trigger Spring	
33	17024	Magazine Follower	65	15481 Trigger Stop Screw	

Deliveries are F.O.B. Ilion, New York

Parts Subject to Change Without Notice

ADDITIONAL CALIBERS
(Not Shown in Sectional View)
INCLUDES VARMINT MODEL

REMINGTON
FIELD SERVICE MANUAL

MODEL
700

Note: Caliber part numbers not listed below same as 30-06
(222 Rem. Mag. discontinued)

Part No.	NAME OF PART	Part No.	NAME OF PART
15709	Extractor, 7mm Rem., Mag., 264-300 Win. Mag.	33375	Stock Assembly, Varmint, BDL Grade, 25-06
15850	Extractor, 222-223 Rem., 17 Rem.	26375	Trigger Guard, BDL Grade, 222 Rem., 223 Rem., 243 & 308 Win., 6mm Rem., 22-250 Rem., 17 Rem.
27341	Extractor Rivet, 7mm Rem. Mag., 264-300 Win. Mag.	26370	Trigger Guard Assembly, BDL Grade, 222 Rem., 17 Rem., 223 Rem., 243 Win., 308 Win., 6mm Rem., 22-250 Rem.
27342	Extractor Rivet, 222 Rem., 223 Rem., 17 Rem.	CALIBERS: 375 H&H Magnum, 458 WIN. MAGNUM	
22021	Firing Pin, 222 Rem., 243-308 Win., 6mm Rem. Mag., 22-250 Rem., 223 Rem., 17 Rem.	27265	Barrel Assembly, 375 H&H Mag.
22041	Firing Pin Assembly, 222 Rem., 17 Rem., 243 Win., 308 Win., 6mm Rem., 22-250 Rem., 223 Rem.	27266	Barrel Assembly, 458 Win. Mag.
16434	Floor Plate, BDL Grade, 222 Rem., 223 Rem., 243 & 308 Win., 6mm Rem., 22-250 Rem., 17 Rem.	15709	Extractor
22037	Front Guard Screw, 222 Rem., 223 Rem., 243 & 308 Win., 6mm Rem., 22-250 Rem., 17 Rem.	16771	Front Sight, 375 H&H Mag.
16204	Front Scope Base, Varmint	23805	Front Sight, 458 Win. Mag.
14659	Front Sight, 7mm Rem. Mag., 264 Win. Mag.	27270	Stock Assembly, 375 H&H Mag., 458 Win. Mag. (includes same as standard Magnum except Stock Bolt (2), Nut (2), Cover (4) used)
28511	Front Sight Ramp, ADL Grade	DISCONTINUED or SERVICE PARTS	
15992	Front Sight Ramp, BDL Grade	26270	Barrel Assembly, 280 Rem.
15282	Magazine, ADL Grade, 222 Rem.	20467	Extractor, 222 Cal.
16716	Magazine, BDL Grade, 222 Rem., 223 Rem., 17 Rem.	17639	Ejector, 222 Cal.
15283	Magazine, ADL Grade, 243 & 308 Win., 6mm Rem. 22-250 Rem.	16717	Front Sight Ramp, 6mm Rem., 7mm Rem. Mag., 264 Win. Mag., 222 Rem., 222 Rem. Mag., 243 Win., ADL Grade
16715	Magazine, BDL Grade, 243 & 308 Win., 6mm Rem. 22-250 Rem.	15361	Front Sight Ramp, 7mm Rem. Mag., 264 Win. Mag., 222 Rem., 222 Rem. Mag., 243 Win., BDL Grade
14756	Magazine, BDL Grade	24666	Front Sight Ramp, 30-06, 280 Rem., 308 Win., 270 Win., ADL Grade
X91018	Magazine Follower, 222 Rem. <i>222-17 cal</i>	24477	Front Sight Ramp Pin, 6mm Rem., 7mm Rem. Mag., 264 Win. Mag., 222 Rem., 222 Rem. Mag., 243 Win.
90982	Magazine Follower, 243 & 308 Win., 6mm Rem. 22-250 Rem.	19025	Front Sight Ramp Screw, 7mm Rem. Mag., 6mm Rem., 264 Win. Mag., 222 Rem., 222 Rem. Mag., 243 Win.
X15285	Magazine Spacer, 222 Rem.	28200	Rear Sight Assembly, Complete (includes Rear Sight Assembly, Rear Sight Base, Rear Sight Base Screw (2), Rear Sight Screw, Rear Sight Stop, Rear Sight Washer (2))
X16826	Magazine Spacer, 222 Rem., BDL Grade		
15286	Magazine Spacer, 223 Rem., BDL Grade, 17 Rem.		
X17983	Magazine Spring, 222 Rem., 223 Rem., 17 Rem.		
17891	Magazine Spring, 243 & 308 Win., 6mm Rem. ADL Grade		
15698	Magazine Spring, 22-250 Rem.		
15699	Magazine Spring, 22-250 Rem., 6mm Rem., 243 Win., BDL Grade		
17058	Main Spring, 222 Rem., 223 Rem., 243 Win., 308 Win., 17 Rem.		
18843	Rear Scope Base, Varmint		
90949	Recoil Pad, 7mm Rem. Mag., 264 & 300 Win. Mag.		
25410	Recoil Pad Screw, 7mm Rem. Mag., 264 & 300 Win. Mag.		
18842	Scope Base Screw, Rear Varmint		
16205	Scope Base Screw, Front Varmint		
33380	Stock Assembly, 7mm Rem. Mag., ADL Grade		
33385	Stock Assembly, 222 Rem., 243 Win., 308 Win., 6mm Rem., 22-250 Rem., ADL Grade		
33385	Stock Assembly, 7mm Rem. Mag., 264-300 Win. Mag., BDL Grade		
33370	Stock Assembly, 222 Rem., 243 Win., 308 Win., 6mm Rem., 22-250 Rem., BDL Grade, 17 Rem.		
33376	Stock Assembly, Varmint, BDL Grade, 222 Rem., 223 Rem., 243 Win., 6mm Rem., 22-250 Rem.		

Drives are F.O.B. Iliou, New York

Parts Subject to Change Without Notice

MALFUNCTIONS

CAUSE and CORRECTION

(Con't. from Page 4)

Fails to Eject

- Cause:**
1. Burr at Ejector Hole in Bolt.
 2. Ejector binds or fails to retract far enough.
 3. Extractor Rivet loose.
 4. Extractor drops shell.

- Correction:**
1. Deburr.
 2. Free up or replace.
 3. Re-stake or replace.
 4. Replace Extractor.

Misfires

- Cause:**
1. Short Firing Pin (damaged).
 2. Firing Pin binds.
 3. Short Firing Pin protrusion.
 4. Firing Control out of adjustment.
 5. Faulty ammunition.

- Correction:**
1. Replace.
 2. Free up or replace.
 3. Change Firing Pin or Bolt.
 4. Adjust.

Follows Down

- Cause:**
1. Trigger Adjusting Screw, rear, out of adjustment (improper horizontal engagement of Sear and Connector).
 2. Improper vertical engagement of Sear and Connector.
 3. Trigger doesn't retract.
 4. Corners on Sear or Connector rounded.
 5. Trigger binds on Trigger Plate.
 6. Not enough tension on Weight Screw (light pull).

- Correction:**
1. Adjust.
 2. Fit new Fire Control.
 3. Fit new Fire Control.
 4. Fit new Fire Control.
 5. File — eliminate interference.
 6. Adjust.

Bolt Opens Hard

- Cause:**
1. See Fails to Extract.
 2. Upset Extraction Cam on Bolt Handle.
 3. Burr at Ejector Hole in Bolt.
 4. Blown or set back Primer on shell.

- Correction:**
1. See Fails to Extract.
 2. Smooth up.
 3. Deburr.
 4. Ream Chamber if throat is shallow (ammunition may be at fault).

Bolt Pulls Out

- Cause:**
1. Bolt Stop or Bolt Release binds.
 2. Bolt Stop or Bolt Release broken.

- Correction:**
1. Free up.
 2. Replace.

Safe Works Too Hard or Too Freely

- Cause:**
1. Safe binds (works hard).
 2. Safety Snap Washer stretched out (Safe works too freely).

- Correction:**
1. Free up.
 2. Replace Washer.

Bulges or Blows Cases

- Cause:**
1. Oversize Chamber.
 2. Maximum head space.

- Correction:**
1. Change Barrel or Barrel and Receiver Assembly.
 2. Fit new Bolt (ammunition may be at fault).

Bolt Binds

- Cause:**
1. Guard Screws protrude into Bolt track.
 2. Scope Screws protrude into Bolt track.
 3. Bolt Handle interference on Stock.
 4. Step at rear of Bolt Lugs.

- Correction:**
1. File ends of Screws.
 2. File ends of Screws.
 3. Correct Stock or fit new Stock.
 4. File to blend.

Doesn't Group

- Cause:**
1. Crown of Barrel damaged.
 2. Leading of Bore.
 3. Oversize Bore.
 4. Improper bedding of Barrel in Stock.
 5. Loose Sights.

- Correction:**
1. Recrown.
 2. Lead or change Barrel.
 3. Change Barrel.
 4. Correct bedding.
 5. Tighten or replace.

Point of Impact Not Correct

- Cause:**
1. Barrel not straight.
 2. Horns, breaks, etc. in Bore.
 3. Improper or loose Sights.

- Correction:**
1. Straighten.
 2. Correct if possible.
 3. Tighten or change Sights.

**MODEL
700
LEFT HAND MODEL**

**REMINGTON
FIELD SERVICE MANUAL**

PARTS LIST

View No.	Part No.	NAME OF PART	View No.	Part No.	NAME OF PART
NOTE: Basic 30-06 caliber listed below. For other caliber parts and numbers see additional calibers list.			51	30855	Sling Strap Assembly
1		Barrel Assembly		26990	Sling Strap Assembly and Mountings Complete
2		Bolt Assembly	52	32890	Stock Assembly
		Bolt Final Assembly		18186	Stock Reinforcing Screw
3	17012	Bolt Plug		16970	Stock Reinforcing Screw Dowel
4	17013	Bolt Stop	53	26555	Swivel Assembly (Q. D.)
5	24475	Bolt Stop Pin	54	15280	Trigger
6	90555	Bolt Stop Release	55	17052	Trigger Adjusting Screw
7	90554	Bolt Stop Spring		32895	Trigger Assembly
	14472	Butt Plate	56	19461	Trigger Connector
9	25410	Butt Plate Screw	57	17058	Trigger Engagement Screw
10	17017	Ejector	58	26376	Trigger Guard
11	17676	Ejector Pin		26371	Trigger Guard Assembly
12	17019	Ejector Spring	59	32905	Trigger Housing Assembly
13	14669	Extractor	60	24477	Trigger Pin
14	27340	Extractor Rivet	61	15400	Trigger Spring
	15376	Fastener, Sling Strap	62	15481	Trigger Stop Screw
15	22020	Firing Pin	ADDITIONAL CALIBERS		
16	22040	Firing Pin Assembly	NOTE: Part not listed same as 30-06 Caliber		
17	17022	Firing Pin Cross Pin			Barrel Assembly, 7mm Rem. Mag.
18	15900	Floor Plate			Barrel Assembly, 270 Win.
19	15291	Floor Plate Latch	32862		Bolt Assembly, 7mm Rem. Mag.
20	16451	Floor Plate Latch Pin	15709		Extractor, 7mm Rem. Mag.
21	16452	Floor Plate Latch Spring	27341		Extractor Rivet, 7mm Rem. Mag.
22	16453	Floor Plate Pivot Pin	14659		Front Sight, 7mm Rem. Mag.
23	22035	Front Guard Screw	21227		Recoil Pad, 7mm Rem. Mag.
24	15373	Front Sight	25410		Recoil Pad Screw, 7mm Rem. Mag.
	15719	Front Sight (Low)	32890		Stock Assembly, 7mm Rem. Mag.
25	15635	Front Sight Ramp			
26	28505	Front Sight Ramp Screw			
27	15363	Front Sight Hood			
28	15357	Front Swivel Nut			
29	15356	Front Swivel Screw			
	15204	Grip Cap			
	30505	Grip Cap Spacer			
30	16430	Magazine			
31	15762	Magazine Follower			
32	15677	Magazine Spring			
33	17029	Main Spring			
34	25355	Rear Guard Screw			
35	32510	Rear Sight Aperture			
36	32500	Rear Sight Base			
37	28505	Rear Sight Screw			
38	90905	Rear Sight Slide			
39	90906	Elevation Screw			
40	90904	Windage Screw			
41	15358	Rear Swivel Screw			
42	17034	Receiver Plug Screw			
43	32900	Safety Assembly			
44	23222	Safety Detent Ball			
45	90657	Safety Detent Spring			
46	17043	Safety Pivot Pin			
47	17044	Safety Snap Washer			
48	15666	Sear Safety Cam			
49	24476	Sear Pin			
50	17047	Sear Spring			

EXPLODED
VIEW

REMINGTON FIELD SERVICE MANUAL

MODEL
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LEFT HAND MODEL

