

Remington Arms Company, Inc.
870 Remington Drive
PO Box 700
Madison, NC 27025-0700
(336) 548-8700
800-243-9700

REMINGTON

Arms Company, Inc.

MODEL 512 BOLT ACTION RIFLE

- Shooting Safety Commandments
- Information
- Instructions for Operation & Care of Rifle
- Components Parts Listing
- Value and Reference Book Listing

NOTE: We are pleased to accommodate your request for the Model 512 Bolt Action Rifle information. The following documentation represents all information available on this model from the Remington Arms Co., Inc.

DO NOT MAKE CHANGES OR ALTERATIONS TO ANY PARTS OF A FIREARM. USE ONLY REMINGTON PARTS. NEVER MAKE AN ADJUSTMENT TO THE TRIGGER, OR CHANGE THE SHAPE OR SIZE OF THE SEAR, SEAR NOTCH, OR OTHER PARTS.

Ten Commandments of Shooting Safety

1. Always keep the muzzle pointed in a safe direction.
2. Firearms should be unloaded when not in use.
3. Don't rely on your gun's "safety".
4. Be sure of your target and what is beyond it.
5. Use correct ammunition.
6. If your gun fails to fire when the trigger is pulled, handle with care!
7. Always wear eye and ear protection when shooting.
8. Be sure the barrel is clear of obstructions before shooting.
9. Do not alter or modify your gun, and have guns serviced regularly.
10. Learn the mechanical and handling characteristics of the firearm you are using.

PARTS LIST

Prices for parts will be furnished upon application. When ordering parts, specify part number, part name, and model of your rifle. All 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.

(SEE ILLUSTRATION PAGE 4)

Part No.	Part Name	Part No.	Part Name
301	Barrel	17570	Open Sight Screw (2)
2	Barrel Lock Pin (2)	28095	Open Sight Stop
22820	Bolt	19917	Outer Magazine Tube
814	Bolt Assembly, Complete (includes Bolt, Bolt Handle Assembly, Bolt Sleeve, Bolt Sleeve Pin, Extractor Left, Extractor Pin (2), Extractor Right, Extractor Spring, Firing Pin Assembly, Firing Pin Cam Pin, Main Spring, Main Spring Plunger, Safety Indicator)		
247	Bolt Handle Assembly (includes Bolt Handle and Cocking Cam)		
6	Bolt Sleeve		
17922	Bolt Sleeve Pin		
17578	Butt Plate		
25410	Butt Plate Screw		
21260	Carrier Assembly (includes Carrier, Carrier Spacer Bushing, Carrier Tension Spring and Cartridge Stop)		
13	Carrier		
14	Carrier Spacer Bushing		
18664	Carrier Tension Spring		
17	Cartridge Retainer		
19624	Cartridge Retainer Spring		
19	Cartridge Retainer Spring Screw		
20	Cartridge Stop	208	Receiver
21	Cartridge Stop Plunger	372	Receiver Insert
22	Cartridge Stop Plunger Screw	73	Receiver Insert Spacer
23	Cartridge Stop Plunger Spring	74	Receiver Insert Spacer Pin
30	Ejector	499	Safety
31	Ejector Screw	128	Safety Indicator
32	Extractor, Left	251	Safety Lever
17571	Extractor Pin (2)	252	Safety Screw
34	Extractor, Right	84	Sear Pivot Screw
35	Extractor Spring	21285	Sear Assembly, Complete (includes Stock, Trigger Guard, Trigger Guard Pin, Trigger Guard Spring, Trigger Guard Screw, Trigger Guard Pin)
212	Firing Pin Assembly (includes Firing Pin and Firing Pin Point)		
17934	Firing Pin Cam Pin		
21076	Firing Pin Spring		
19609	Inner Magazine Tube		
22791	Inner Magazine Tube Assembly (includes Inner Magazine Tube, Magazine Follower, Magazine Pin, Magazine Spring, Magazine Pin)	93	Take Down Screw
19517	Magazine Follower	17569	Take Down Screw Escutcheon
19913	Magazine Pin	891	Trigger Assembly (includes Sear, Sear Stud, Trigger)
19617	Magazine Plug	96	Trigger Guard
53	Magazine Ring	17577	Trigger Guard Screw (2)
17920	Magazine Screw	98	Trigger Pin
19918	Magazine Spring	588	Trigger Spring
56	Magazine Tube Support Screw	438	Trigger Spring Plunger
19809	Main Spring		
58	Main Spring Plunger		
17229	Open Sight Leaf		

**DISCONTINUED
NO PARTS AVAILABLE
FROM REMINGTON**

INSTRUCTIONS FOR OPERATION AND CARE

of the

Remington



MODEL 512



SPORTMASTER

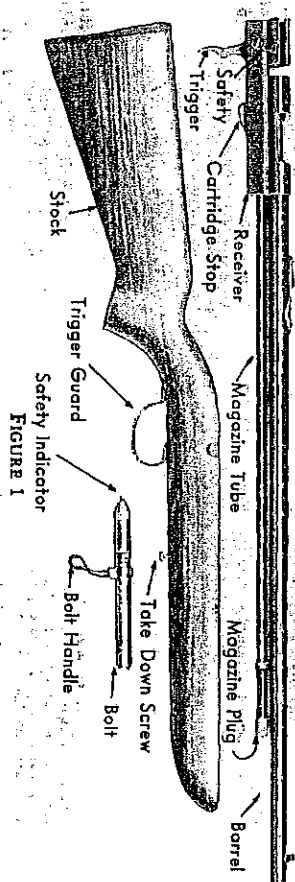
**22 Caliber Rimfire
BOLT ACTION REPEATING RIFLE
(Tubular Magazine)**

IMPORTANT: REMOVE GREASE FROM BORE OF BARREL BEFORE FIRING

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

INSTRUCTIONS FOR OPERATION AND CARE

This rifle is shipped from factory in take-down condition, as in Figure 1.



Cock Bolt:

The bolt is cocked when red tip of safety indicator shows at rear of bolt. Should bolt become uncocked while removed from receiver, it will be necessary to cock it before putting it back in receiver. To do so, push bolt in receiver as far as possible, with bolt handle on right side of receiver, rotate bolt handle upward, thus cocking bolt, then proceed as given in "Put Bolt in Receiver."

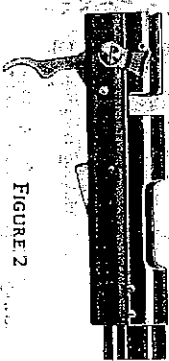


FIGURE 2

To Put Bolt in Receiver:

Make certain that cartridge stop is in upward position (Fig. 2). If cartridge stop should be in down position (Fig. 3) push upward on front end of cartridge stop until it goes fully upward in receiver. Then with safety in forward or "FIRE" position and bolt cocked, hold trigger fully rearward and insert bolt fully in receiver, rotating bolt handle downward to lock.

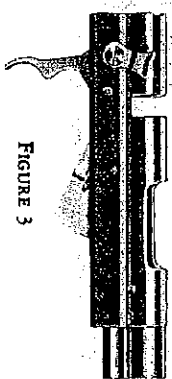


FIGURE 3

Assemble Gun:

With bolt in receiver place barrel and receiver in stock with trigger projecting through into guard, push rearward until receiver is firmly seated against end of slot in stock; then tighten take-down screw into receiver until barrel and receiver are drawn firmly in stock.

To Open Action:

Rotate bolt handle upward (this motion cocks firing pin and shows red tip of safety indicator at rear of bolt) then pull bolt handle fully rearward.

Load Magazine:

Tubular Magazine is located at bottom of barrel—Turn knurled plug at front end of magazine until it may easily be pulled out toward the muzzle. Pull out until opening in outer magazine tube forward of stock is uncovered; insert cartridges, with front of cartridge toward muzzle, until visible at opening. Close tube upon cartridges, rotating slightly for passing over shell head. Make sure pin on side of inner magazine tube goes into slot in outer, then turn knurled plug to lock.

Load Gun:

Rotate bolt handle upward and pull rearward to stop, causing carrier to raise cartridge level to barrel and under ears of insert, push bolt handle forward to put cartridge in barrel. Rotate handle fully downward to lock, gun is now ready to fire.

To Make Safe:

Grasp safety located on right side of receiver rearward of bolt handle, and pull back to "ON SAFE" position, covering red dot on side of receiver. This movement locks trigger and gun cannot be fired.

Fire:

BE SURE GUN IS POINTED WHERE YOU WANT TO SHOOT. With action closed, push safety forward to "FIRE" position. (Safety is located on right side of receiver rearward of bolt handle.) Pull trigger to fire.

Repeat:

Proceed as in "Load Gun." This extracts empty shell and gun is ready to fire again.

Unload Without Firing:

Put gun in safe position. Open bolt, ejecting cartridge from barrel. Pull out magazine tube and tip gun to pour cartridges from front end of magazine. Replace and lock tube. THERE IS STILL ONE CARTRIDGE IN GUN. Close bolt to put last cartridge in barrel. Eject it from gun which should then be entirely empty.

Load Barrel as Single Shot:

Insert cartridge directly into barrel. Close and lock bolt to fire.

Uncock Firing Pin:

Open bolt by rotating bolt handle upwards. BE SURE THERE IS NO CARTRIDGE IN THE BARREL. Push safety forward to "FIRE" position, hold trigger back and rotate bolt handle downward.

Open action, push safety forward to "FIRE" position; hold trigger fully rearward, and pull bolt entirely from receiver.

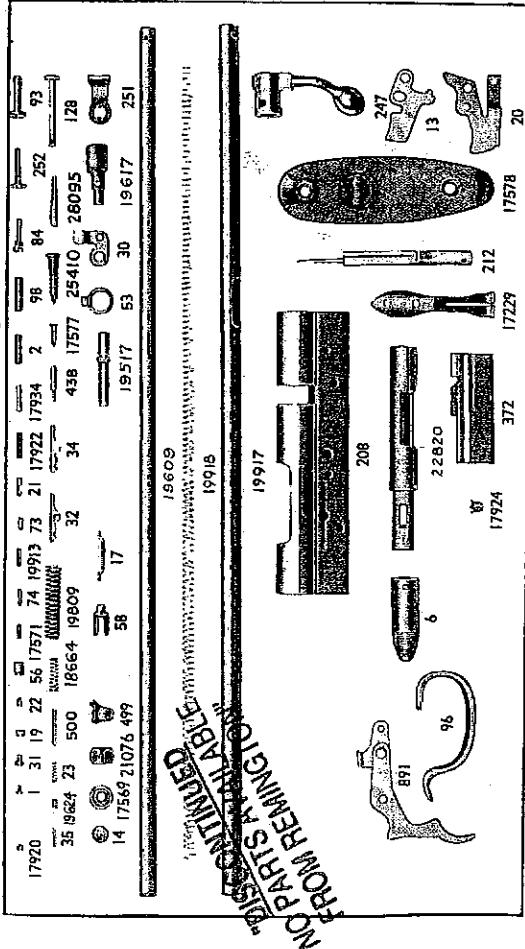
CAUTION: Always rotate bolt handle fully downward for proper locking of breech to prevent mishaps which may otherwise occur.

Sear Pivot Screw (Part No. 84, page 5) was assembled to full depth, backed off one-half turn and staked in place at factory. If for any reason it must be removed it must be replaced in this same position and restaked.

Cartridge Retainer (Part No. 17, page 5) is located in slot on left side of Receiver and held in place by spring (Part No. 19624, page 5) and screw (Part No. 19, page 5). This should not be removed as it has been adjusted at factory.

MODEL 512 BOLT ACTION REPEATING RIFLE TUBULAR MAGAZINE

COMPONENT PARTS



CARE OF RIFLE

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.

To prevent undue wear, the cocking and extracting cam surfaces of the bolt should be well lubricated. Should it be necessary to clean the action, it is recommended that the assembly be washed with a petroleum solvent such as varnolene or kerosene, drained, and lubricated lightly. In freezing weather, oil should be removed and fine, dry graphite used as a lubricant.

Also give the outside of your gun some attention after it has been handled. Wipe the gun with an oily cloth, since fingers leave invisible "prints" of moisture that can cause rust unless removed.

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

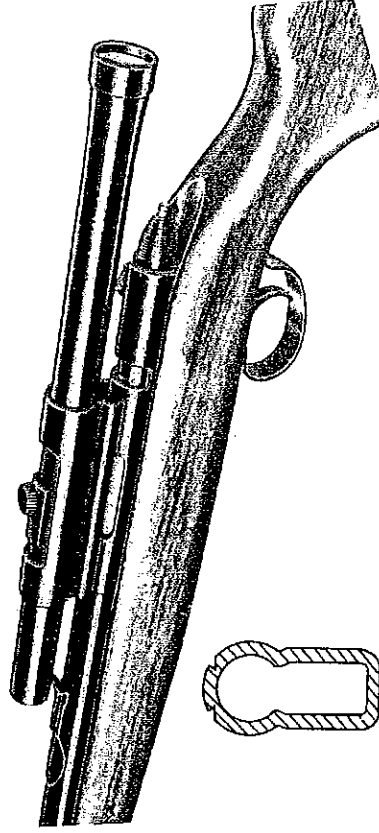
REMINGTON ARMS COMPANY, INC.

Arms Service Division
Ilion, New York

All other inquiries are to be addressed to

REMINGTON ARMS COMPANY, INC.
Bridgeport, Connecticut

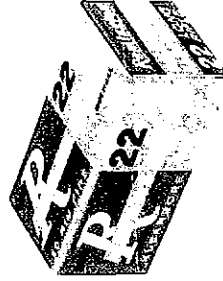
Receiver Grooves: The receiver is designed with two dovetail grooves cut into the top panel for attaching the "tip-off" type of telescope mount. The mount may be easily slipped into the receiver grooves and tightened in desired position.



SHOOT REMINGTON AND PETERS AMMUNITION

FOR FINEST RESULTS

Remington 22-caliber Cartridges



Peters 22-caliber Cartridges



Remington and Peters manufacture a complete line of 22-caliber cartridges for small game hunting, fine target shooting and "plinking".

Your local hardware or sporting goods dealer will gladly supply you with either Remington or Peters 22's.

For the finest performance and the best protection of your rifle, always insist on Remington ammunition with "Kleanbore" non-corrosive priming or Peters ammunition with "Rustless" priming.

"Sportmaster", "Kleanbore", "Rustless", "Hi-Speed", "High Velocity", "Target", Reg. U. S. Pat.

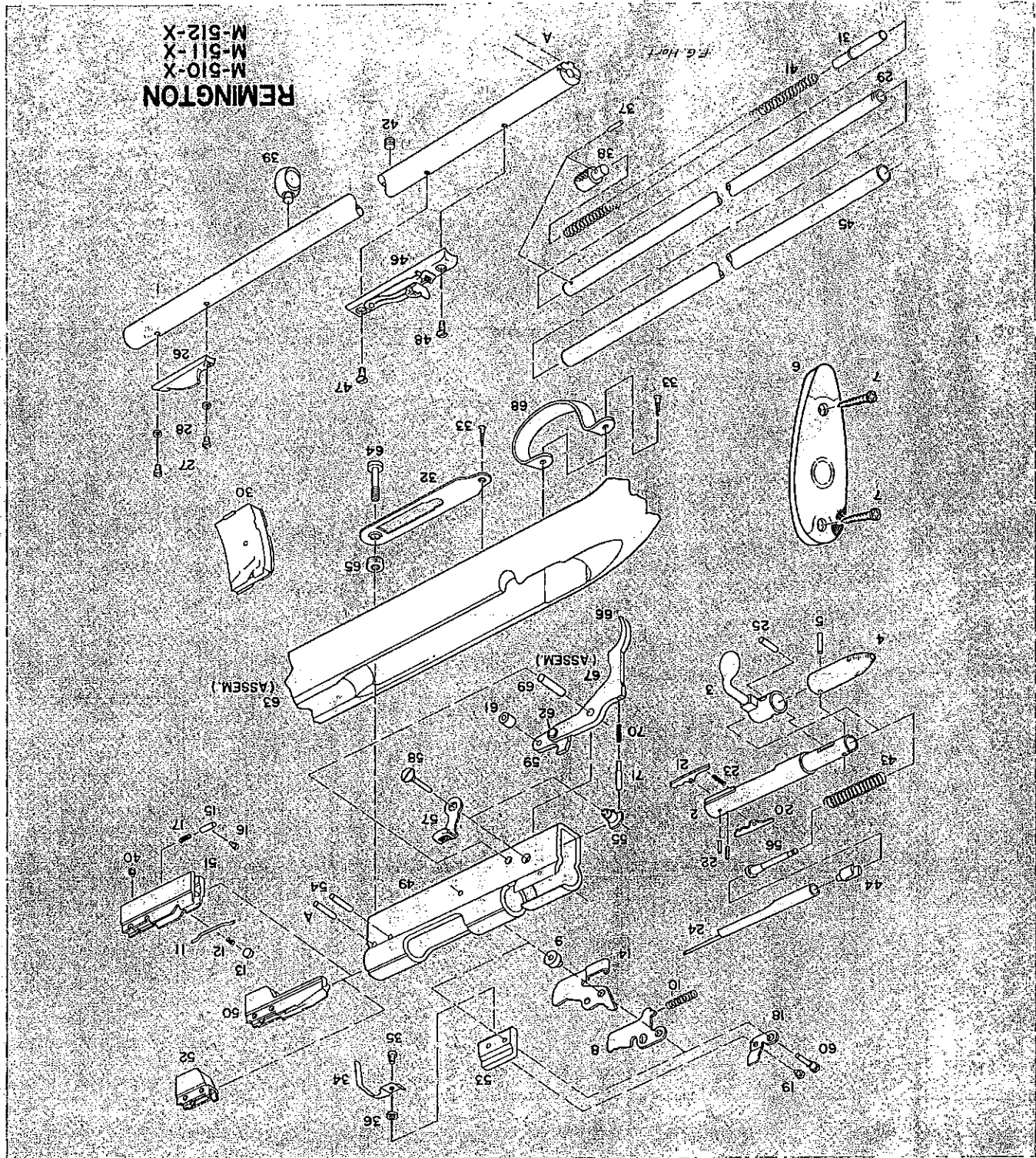
MODELS
510-X
511-X
512-X

Remington
BOLT ACTION RIFLES

SECTIONAL VIEW

"DISCONTINUED"
 NO PARTS AVAILABLE
 FROM REMINGTON"

REPLACEMENT PARTS: Parts may be identified from the Sectional View.



REMINGTON
 M-510-X
 M-511-X
 M-512-X

NOTE: Gear Pivot Screw was assembled to full depth, backed off one-half turn and staked in place at factory. If for any reason it is removed it must be replaced in this same position and restaked.

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

COMPONENT PARTS

Remington

PRICE LIST

MODELS

510-X

BOLT ACTION RIFLES

511-X

Unless specified otherwise, parts listed are same for all three models

512-X

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

View No.	Part No.	NAME OF PART	List Price	View No.	Part No.	NAME OF PART	List Price
1	27875	Barrel (510-X)	\$	45	15319	Outer Magazine Tube (512-X)	
	27876	Barrel (511-X)			24400	Rear Sight Assembly (includes Rear Sight, Elev- ation Screw, Elevation Screw Washer)	
	15874	Barrel (512-X)		46	26460	Rear Sight Assembly, Complete (includes Rear Sight Assembly, Rear Sight Plate, Rear Sight Rivet, Windage Screw)	
2	22820	Bolt			15322	Rear Sight Plate	
	18434	Bolt Assembly (includes Bolt, Bolt Handle As- sembly, Bolt Sleeve, Bolt Sleeve Pin, Extrac- tor, Left; Extractor, Right; Extractor Pin, Ex- tractor Spring, Firing Pin Assembly, Firing Pin Cam Pin, Main Spring, Main Spring Plunger, Safety Indicator)			16528	Rear Sight Rivet	
3	247	Bolt Handle Assembly (includes Bolt Handle and Cocking Cam)		47	15325	Rear Sight Screw, Front	
4	6	Bolt Sleeve		48	15326	Rear Sight Screw, Rear	
5	17922	Bolt Sleeve Pin		49	15317	Receiver (510-X and 511-X)	
6	17578	Butt Plate			15327	Receiver (512-X)	
7	25410	Butt Plate Screw		50	15764	Receiver Insert (510-X)	
8	13	Carrier (512-X)		51	15766	Receiver Insert (512-X)	
9	14	Carrier Spacer Bushing (512-X)		52	15765	Receiver Insert, Front (511-X)	
0	18664	Carrier Tension Spring (512-X)		53	15311	Receiver Insert, Rear (511-X)	
1	17	Cartridge Retainer (512-X)		54	2	Receiver Insert Retaining Pin	
2	19624	Cartridge Retainer Spring (512-X)			73	Receiver Insert Spacer	
3	19	Cartridge Retainer Spring Screw (512-X)			74	Receiver Insert Spacer Pin	
4	20	Cartridge Stop (512-X)		55	250	Safety (510-X)	
5	21	Cartridge Stop Plunger (512-X)			499	Safety (511-X and 512-X)	
6	22	Cartridge Stop Plunger Screw (512-X)		56	128	Safety Indicator	
7	23	Cartridge Stop Plunger Spring (512-X)		57	15866	Safety Lever	
8	30	Ejector (510-X and 512-X)		58	252	Safety Screw	
	330	Ejector (511-X)		59	15330	Sear	
9	31	Ejector Screw (510-X and 512-X)		60	84	Sear Pivot Screw	
0	331	Ejector Screw (511-X)		61	85	Sear Spacing Collar (510-X)	
1	32	Extractor, Left		62	86	Sear Stud	
2	34	Extractor, Right		63	27885	Stock Assembly (510-X) (includes Butt Plate, Butt Plate Screw (2), Stock, Take Down Screw Escutcheon, Take Down Screw, Trigger Guard, Trigger Guard Screw (2)	
3	17571	Extractor Pin			27886	Stock Assembly (511-X) (includes parts listed for 510-X Stock Assembly plus Magazine Guide Plate and Magazine Guide Plate Screw)	
4	35	Extractor Spring			27887	Stock Assembly (512-X) (includes parts listed for 510-X)	
5	26465	Firing Pin Assembly (includes Firing Pin and Fir- ing Pin Point)			15880	Take Down Screw (510-X and 512-X)	
6	15302	Firing Pin Cam Pin		64	15882	Take Down Screw (511-X)	
7	15881	Front Sight		65	15879	Take Down Screw Escutcheon	
8	16892	Front Sight Screw		66	27	Trigger	
9	16968	Front Sight Washer		67	891	Trigger Assembly (includes Sear, Sear Stud, Trigger)	
	15318	Inner Magazine Tube (512-X)			15871	Trigger Guard	
	26470	Inner Magazine Tube Assembly (512-X) (includes Inner Magazine Tube, Magazine Follower, Magazine Pin, Magazine Plug, Magazine Spring)		33	17577	Trigger Guard Screw	
0	1010	Magazine Assembly (6 Shot) (511-X) (includes Magazine, Magazine Bottom, Magazine Fol- lower, Magazine Spring)		69	98	Trigger Pin	
1	2170	Magazine Assembly (10 Shot) (511-X)		70	588	Trigger Spring	
2	15313	Magazine Follower (512-X)		71	438	Trigger Spring Plunger	
3	105	Magazine Guide Plate (511-X)			16529	Windage Screw	
4	17577	Magazine Guide Plate Screw (511-X)					
5	596	Magazine Lock (511-X)					
6	15307	Magazine Lock Screw (511-X)					
7	15312	Magazine Lock Spacer (511-X)					
8	25090	Magazine Pin (512-X)					
9	25095	Magazine Plug (512-X)					
0	16739	Magazine Ring (512-X)					
1	17920	Magazine Screw (512-X)					
2	15391	Magazine Spring (512-X)					
3	56	Magazine Tube Support Screw (512-X)					
4	15301	Main Spring					
	58	Main Spring Plunger					

MODEL 510-X SMOOTH BORE (SB)

15887	Barrel
18673	Front Sight

SERVICE PARTS

21260	Carrier Assembly, (512-X) (includes Carrier, Car- rier Spacer Bushing, Carrier Tension Spring, Cartridge Stop)
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DISCONTINUED
NO PARTS AVAILABLE
FROM REMINGTON

Firearms Value & Reference Books

NOTE: We do not provide information on firearms' values. You may want to have your firearm appraised by a gunsmith. The following sources may also be helpful. We do not accept responsibility for the goods or services provided by these sources.

Firearms Value Books

Blue Book of Gun Values

Blue Book Publications
8009 34th Avenue South #175
Minneapolis, MN 55425
800-877-GUNS

Flayderman's Guide to Firearm Values **Gun List**

Modern Gun Values
Krause Publications
700 East State Street
Iola, WI 54990-0001
847-573-8530

Gun Trader's Guide

Stoeger Publishing Company
5 Mansard Court
Wayne, NJ 07470
973-872-9500

Reference Books

The Remington 700

John Flacy
Brownells, Inc.
200 South Front Street
Montezuma, IA 50171
515-623-5401

Cartridges of the World

Frank C. Barnes
Standard Catalog of Firearms
Krause Publications
700 East State Street
Iola, WI 54990-0001
847-573-8530

Shooter's Bible

Stoeger Publishing Company
5 Mansard Court
Wayne, NJ 07470
973-872-9500

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Remington Arms Co.
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Madison, NC 27025
Attention: History Book
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