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

REMINGTON Arms Company, Inc.

NYLON 66 AUTOLOADING RIFLE 22 CALIBER

- 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 Nylon 66 Autoloading 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.

NYLON SERIES OF 22 RIMFIRE RIFLES

Model	Style	Color/Model	Introduction	Discontinued
			Year	Year
N-66 MB	Tube-Fed Auto	Mohawk Brown	1959	1987
N-66 SG	Tube-Fed Auto	Seneca Green	1959	1961
N-66 AB	Tube-Fed Auto	Apache Black Chrome BBL/Rec.	1962	1983
N-66	Tube-Fed Auto	Mohawk Brown Gallery Special (Shorts only)	1962	1981
N-10	Bolt Action Single	Mohawk Brown	1962	1964
N-11	Bolt Action Clip-Fed	Mohawk Brown	1962	1964
N-12	Tube-Fed Bolt Action	Mohawk Brown	1962	1964
N-76MB/AB	Lever Action	Mohawk Brown Apache Black	1962	1964
N-77	Auto 5-Shot	Mohawk Brown	1970	1971
N-10C	Auto 10-Shot	Mohawk Brown	1971	1978
N-66 MB	Tube-Fed Auto	Mohawk Brown w/Scope	1975	1983
N-66 BD	Tube-Fed Auto	Black Diamond	1978	1987
N-66 BD	Tube-Fed Auto	Black Diamond w/Scope	1978	1983
N-77	Clip-Fed Auto	Made for K-Mart	1987	
•	Auto		• .	•

In 1966, the Nylon 66 was available with a 150th Anniversary Remington logo, in Mohawk Brown only.

In 1976, the Nylon 66 was available with US Bicentennial logo, in Mohawk Brown only.

22 CALIBER AUTOMATIC RIFLE

Your "Nylon 66" is a 22 caliber automatic rifle chambered for 22 caliber Long rifle cartidges only. Do not use other ammunition in this rifle.

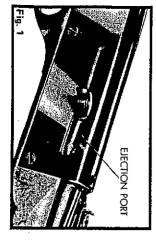
SAFETY — The safety is operated by the safety thumbpiece located to rear of receiver cover. It is placed in the ON SAFE position, the when pushed rearward. In this position, the RED dot will not show. When the safety thumbpiece is pushed forward to the FIRE or OFF SAFE position, the RED dot will show and the rifle is ready to fire. The safety is designed to prevent the firing of the rifle when the trigger is inadvertantly pulled and is not intended to justify careless or irresponsible handling.

IMPORTANT — Use of 22 caliber long or 22 caliber short cartridges may cause jamming of cartridge in barrel chamber, Should this occur, special care must be taken in removing jammed cartridge because of the possibility of accidental discharge. Proceed as follows:

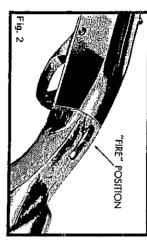
- Point muzzle in a safe direction. Put safety on safe. Unload magazine.
- Pull out bolt handle. Unscrew and remove the two (2) cover screws and slide the receiver cover assembly upward and remove from rifle (Fig. 3).
- Unscrew barrel lock screw (See exploded view page 4, part No. 6). Lift barrel bracket (See exploded view page 4, part No. 4) upward and slide barrel out of stock.

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 With muzzle of barrel pointed in a safe direction, insert a long rod into muzzle and carefully tap rearward until jammed cartridge is free of chamber.



TO SINGLE LOAD & COCK RIFLE — Push safety thumbpiece rearward to SAFE position. Turn ejection port in receiver upwards and drop long rifle cartridge into recess against the closed bolt (Fig. 1). Pull bolt handle back quickly and release. Cartridge will then drop into action and load into barrel 'chamber.

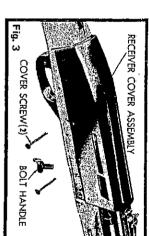


TO MAGAZINE LOAD – Load cartridges into rear of stock. Capacity is 14 long rifle cartridges. Push safety thumbpiece rearward to SAFE position. Hold rifle with muzzle downward. Reach into butt plate recess and turn magazine plug to unlock magazine tube. Pull magazine tube from stock. Drop long rifle cartridges into magazine tube bullet first. Replace magazine tube and lock in place by turning magazine plug.

TO FIRE — Point muzzle in safe direction. Push safety thumbpiece forward to FIRE position (Fig. 2). RED safety indicator will show to rear of safety thumbpiece in FIRE position. Pulling trigger will fire each round fed into barrel chamber. After firing, the autoloading action will cock rifle and load another cartridge into chamber.

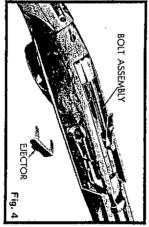
TO UNLOAD — Push safety thumbpiece rearward to SAFE position. Unlock and remove magazine tube from rear of stock. Turn muzzle upwards and allow live cartridges to empty from magazine. Replace magazine tube and lock in place.

CAUTION: After unloading, pull bolt handle back repeatedly to unload live cartridges from action or barrel chamber. A colored magazine follower should be seen from ejection port when action is empty. Check chamber of barrel from open ejection port to make sure no live cartridge remains in chamber.



BARREL CLEANING AND CARE — Wipe bore with 22 caliber cleaning patch. Wire brush with powder solvent, if necessary, and wipe clean. Use lightly oiled patch after cleaning.

ACTION CLEANING AND CARE — (Fig. 4) DuPont Nylon is self-lubricating and provides smooth surfaces for free movement of the action. Therefore, cleaning and lubricating is unnecessary for thousands of rounds of firing. After extended shooting or when rifle is to be stored for sometime, only partial disassembly is required for cleaning. Make sure rifle is unloaded. Cock rifle and follow steps one and two as directed on page 1. Remove ejector from exposed left side of rifle. No further disassembly is required. Replace bolt handle. Pull back bolt assembly and hold. Scrape shooting residue from cartridge feed guide and bolt rails in stock.



Clean face of bolt, The metallic action parts of the Remington NYLON 66 will perform best and remain clean longer if little or no oil is used. The nylon parts need no oil. Use oil sparingly on metallic action parts to prevent rust. Always wipe receiver cover and barrel with oiled cloth after handling. Fingers leave invisible "prints" of moisture that can rust steel parts unless removed. No special care of mylon parts is required. After exposure to wet weather, always wipe receiver cover and barrel with oil to prevent rusting. Abrupt changes in temperature cause condensation and wetness, therefore, special care to metal parts is required for rust prevention. When shooting in below

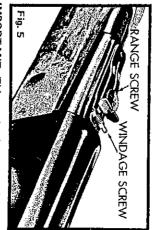
freezing weather remove any excess oil and use dry graphite. After cleaning, reassemble parts in reverse order.

Your Remington "NYLON 66" may be adjusted for windage or range purposes by movement of rear sight. The front sight is of "fixed" type, not adjustable, and attached to barrel by two screws. Coin fitted slots assist operation of both windage and range screws. A stop prevents either screw from being removed from the sight. The receiver is designed with two dovetail grooves cut into top panel for attaching "tip-off" type of telescope mounts. The mount may be easily slipped into receiver grooves and tightened in desired position.

RANGE (Fig. 5) — Turn range screw clockwise to raise sight. This will raise bullet impact at target or increase range. Turn range screw counter clockwise to lower sight. This will lower bullet impact at target or lessen range.

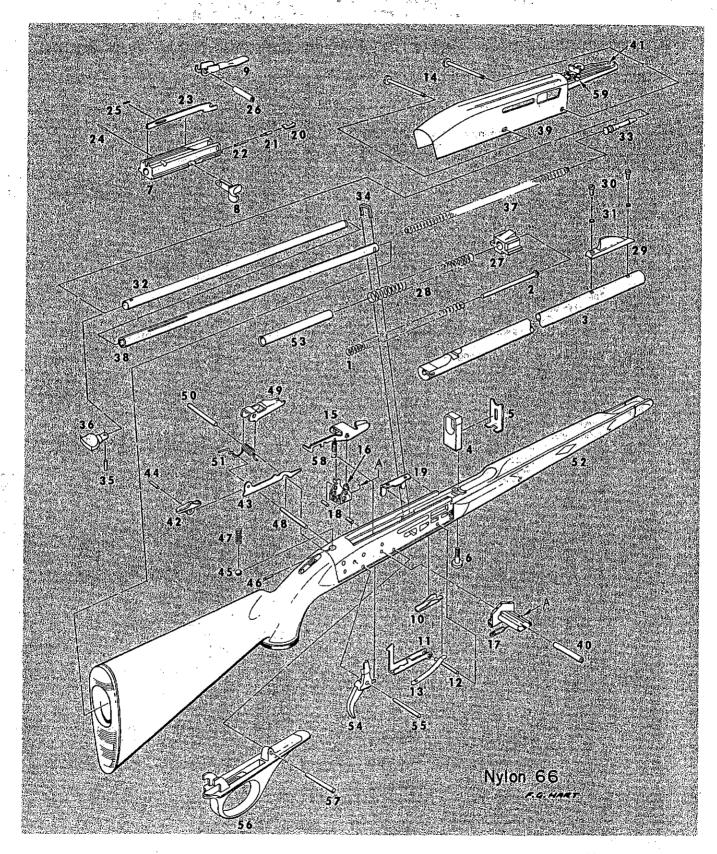
WINDAGE (Fig. 5) — Screw windage screw clockwise to move rear sight to right. This will move bullet impact at target to right. Screw windage screw counter clockwise to move rear sight to left. This will move bullet impact at target to left.

MAINTENANCE — Rifle should be checked periodically by a competent gunsmith to ensure proper inspection and any necessary replacement of worn or damaged parts.



IMPORTANT: This gun has been manufactured to Remington specifications and shipped from the factory suitable for use. Remington does not recommend and is not responsible for any alteration or modification to the gun not made by Remington factory personnel, nor the replacement of worn or damaged parts with those not of Remington manufacture.

22 CALIBER AUTOLOADING RIFLE



22 CALIBER AUTOLOADING RIFLE

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

NOTE: 48	VIEW NO.	PART NO.	NAME OF PART	VIEW NO.	PART NO.	NAME OF PART
This frearm is no longer produced by Parnington. therefore, parts 49; 1857 same you longer be in production and may not be available from our 50 in 1854 Sant Assembly Prince of the production facilities. Please call 1-800-243-9700, then follow the 51 in 859 Sant Spring. 1	NOTE					<u> - 현실하다 등 이 교육 가능하는 1 : 6 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :</u>
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production facilities. Please call 1-800-243-9700, then follow the prompt electricate to reach "Parts Orders" 52, 25005 Stock Assembly, Mapche Black 1 1811 Action Spring 53, 34540 Stock Assembly, Mapche Black 2 118544 Action String Purger 53, 34540 Stock Assembly, Mapche Black 3 3, 94039 Barrel MB 54, 15545 Trigger Complete 54, 15545 Trigger Complete 55, 15541 Trigger Assembly Pin 54, 15545 Barrel Bracket 55, 15541 Trigger Assembly Pin 54, 15545 Barrel Bracket 55, 15541 Trigger Assembly Pin 55, 15541 Trigger Assembly Pin 55, 15541 Trigger Assembly Pin 56, 15542 Barrel Lock Straw 55, 15541 Trigger Assembly Pin 56, 15542 Barrel Lock Straw 55, 15543 Trigger Assembly Pin 56, 15542 Barrel Lock Straw 55, 15543 Trigger Assembly Pin 56, 15542 Barrel Lock Straw 55, 15543 Trigger Assembly Pin 56, 15542 Barrel Lock Straw 55, 15543 Trigger Assembly Pin 56, 15542 Barrel Lock Straw 55, 15543 Trigger Assembly Pin 56, 15543 Barrel Lock Straw 55, 15543 Barrel Barr	may no	langer h	in production and may not be available from air		200	
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1949 Sarrel Support 58 16517 Trigger Spring 16529 Windage Screw 16529 Windage Screw 16529 Windage Screw 16529 Windage Screw 16529					16541	Trigger Guard Assembly Pin
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24390 Bolt Assembly Bolt			Barrel Lock Screw	59	16529	Windage Screw
16550	1		Bolt		gitte an ^{trans} an	
16547 Cartridge Feed Guide 25865 Sling Strap Assembly Obsolet 24417 Cartridge Feed Guide Spring Assembly 15055 Sling Strap Assembly Complete Complete 15050 Sling Swivel Retainer (need 4) Complete 26170 Sling Swivel Retainer (need 2) Cartridge Feed Guide Spring River 26170 Sling Swivel Retainer (need 2) Cartridge Stop Ca			Bolt Assembly			ACCESSORIES
24417			Bolt Handle Obsolete			
24417	,9		Cartridge Feed Guide		25886	Sling Strap Assembly Obsolete
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10525			Complete Obsolete		15050	Sling Swivel Retainer (need 2)
16551	17.10		Cartridge Feed Guide Spring Rivet		26170	Sling Strap Assembly & Mountings
15			Cartridge Feed Insert			Complete Obsolete
18941 189553 Cartridge Stop Spring 189553 Cartridge Stop Spring 22 Caliber Short Only 189515 Cover Screw Biba. 22 Caliber Short Only 189515 Cover Screw Pible. 25000 Disconnector NOTE: For Parts Not Listed - 25000 Disconnector See Nylon 66 Standard Model 25000 Disconnector Pivot See Nylon 66 Standard Model 24477 Disconnector Pivot 15111 Action Spring Gallery Special Obsolete 24477 Disconnector Pivot Spring 15111 Action Spring Gallery Special Obsolete 189525 Elevation Screw 25035 Bolt Assembly Obsolete 189525 Elevation Screw 25035 Bolt Assembly Obsolete 18526 Elevation Screw 25035 Bolt Assembly Obsolete 18526 Elevation Screw 25035 Bolt Assembly Obsolete 18526 Elevation Screw 25035 Bolt Assembly Obsolete 25035 Elevation Screw 25035 Bolt Assembly Obsolete 25035 Bolt Assembly Obsolete 25035 Elevation Screw 25035 Bolt Assembly Obsolete 25035 Elevation Screw 25035 Elevation Screw 25035 Bolt Assembly Obsolete 25035 Elevation Screw 25035 Elevation S			Cartridge Stop	1		
1855	12	16541	Cartridge Stop Pin			NYLON 66GS "GALLERY SPECIAL"
18515 Cover Screw Rible 22 Caliber Short Only		16553	Cartridge Stop Spring			
15402 Cover Screw, Apache Black 15106 Disconnector	14	16515	Cover Screw Blue			22 Caliber Short Only
18560 Disconnector			Cover Screw, Apache Black			
Disconnector Assembly See Nyton 66 Standard Mode	15	16564	Disconnector		- 1	NOTE: For Parts Not Listed -
165516 Disconnector Pivot Spring		25000	Disconnector Assembly			
18516		16565	Disconnector Pivot			
18		16516	Disconnector Pivot Spring	al Section (15111	Action Spring Gallery Special Obsolete
16519 Ejector 15124 Bolt		24477	Disconnector Pivot Pin	- 154 - 17	A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7	Barrel Gallery Special Obsolete
16526	19 -	16519	Ejector			Bolt
16527 Elevation Screw Washer 15125 Cartridge Feed Guide Obsolete	-	16526	Elevation Screw	·		Bolt Assembly Obsolete
20 32970 Extractor 15119 Cartridge Feed Insert Obsolete 15166 Extractor Spring 15100 Cartridge Stop Cobsolete 15006 Extractor Spring 15120 Cartridge Stop Cobsolete 15006 Extractor Spring 15120 Cartridge Stop Cobsolete 1524 Cartridge Stop Cobsolete Cartridge Stop Cartridge Stop Cobsolete Cartridge Stop Cartridge Stop Cartridge Stop Cartridge Stop Cartridge Stop Cobsolete Cartridge Stop		16527	Elevation Screw Washer			Cartridge Feed Guide Obsolete
17667 Extractor Plunger	20	32970	Extractor	766		Cartridge Feed Insert Obsolete
23 28186	21	17667	* Extractor Plunder			Cartridge Feed Insert Spring Obsolete
16549	22:::	15006	Extractor Spring	and the second		Cartridge Ston
18513	23	28186	Firing Pinson Co. No. 1991	75.3		Counter Chain Retainer
18513	24	16549	Firing Pin Retaining Pin	,-,		Counter Chain Retainer Screw
15166	25	16513	Firing Pin Retractor Spring		W	Deflector Obsolete
16520	26	16514	Firing Pin Stop Pin	es F		Deflector Screw
16520 Firing Pin Striker Spring 26165 Disconnector Assembly Obsolete	27	16554	Firing Pin Striker			Disconnector
16545	28	16520	Firing Pin Striker Spring			
16892 Front Sight Screw	29	16545	Front Sight	100		
16968	30	16892	Front Sight Screw			Elector Observe
16555	31	16968	Front Sight Washer			
16522 Magazine Follower 15113 Firing Pin Striker Obsolete			Inner Magazine Tube			Firing Pin Retaining Pin
34 16521 Magazine Lock 15114 Firing Pin Striker Spring Obsolete 35 16833 Magazine Pin 15121 Inner Magazine Tube Obsolete 36 16556 Magazine Ping Dobsolete 15123 Magazine Bushing Obsolete 37 16523 Magazine Tube Assembly Obsolete 25800 Magazine Tube Assembly Obsolete 38 16557 Outer Magazine Tube 25805 Receiver Cover Assembly Restricted 39 24410 Receiver Cover Assembly Restricted 25815 Stock Assembly, Mohawk Brown, Complete 40 16748 Rear Cover Screw Bushing 25815 Stock Assembly, Mohawk Brown, Complete 41 16528 Rear Sight Assembly Complete 25815 Stock Assembly, Mohawk Brown, Complete 41 16528 Rear Sight Rivet Obsolete 42 16530 Safety Assembly 43 16566 Safety Lever 44 16531 Safety Detent Retaining Pin	33	16522	Magazine Follower			Firing Pin Striker
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16556 Magazine Plug			Magazine Pin			
16523 Magazine Spring	36		Magazine Plug			Magazina Bushina
24395 Magazine Tube Assembly Obsolete 38 16557 Outer Magazine Tube			Magazine Spring			Magazine Bushing Obsolete
38 16557 Outer Magazine Tube			Magazine Tuhe Assembly Obcolete			
39 24410 Receiver Cover Assembly Restricted 25815 Stock Assembly, Mohawk Brown, Complete Receiver Cover Assembly, Apache Black Restricted Apache Black Rear Cover Screw Bushing 16525 Rear Cover Screw Lug 25780 Rear Sight Assembly Complete Rear Sight Rivet Obsolete 16530 Safety 24405 Safety Assembly Assembly Assembly Assembly Rear Sight Rivet Rea	38		Outer Magazine Tube		25005	
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43 16566 Safety Lever	42		Safety			
44 16531 Safety Lever Pin	40		Safety Assembly			
44 16531 Safety Lever Pin			Safety Lever			
45 23224 Safety Detent Ball			Safety Lever Pin			
46 16542 Safety Detent Retaining Pin			Safety Detent Ball			
47 16533 Safety Detent Spring			Safety Detent Retaining Pin			
	47	<u> 16</u> 533	Safety Detent Spring			

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

Shooter's Bible Stoeger Publishing Company 5 Mansard Court Wayne, NJ 07470 ° 973-872-9500 Cartridges of the World Frank C. Barnes Standard Catalog of Firearms Krause Publications 700 East State Street Iola, WI 54990-0001 847-573-8530

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