

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 Year	Discontinued 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	—

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 cartridges 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 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 inadvertently 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:

1. Point muzzle in a safe direction. Put safety on safe. Unload magazine.
2. 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).
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.
4. 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.

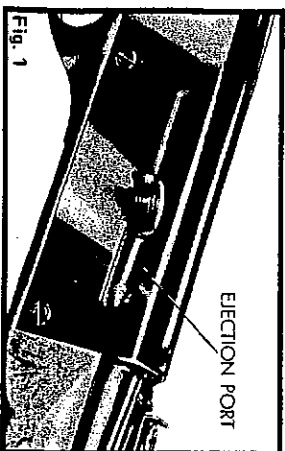


Fig. 1

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.

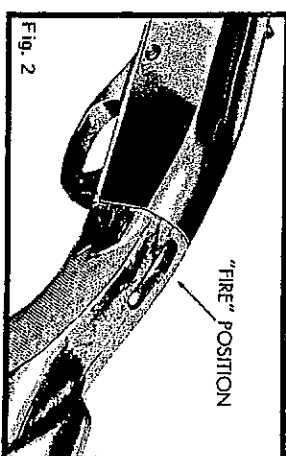


Fig. 2

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.

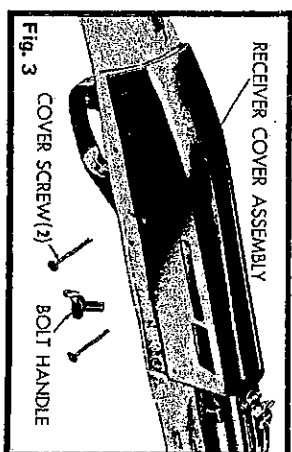


Fig. 3

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.

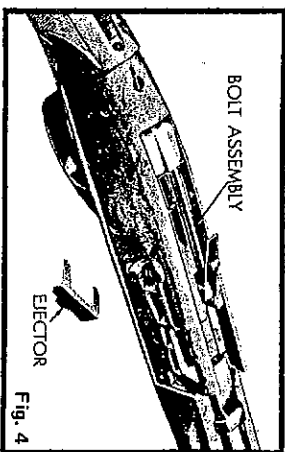


Fig. 4

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 nylon 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.

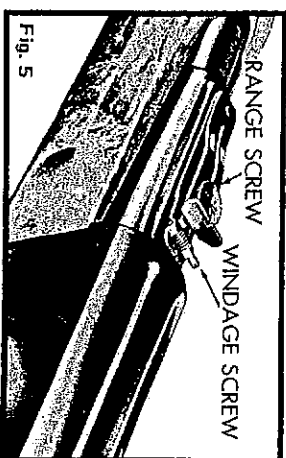


Fig. 5

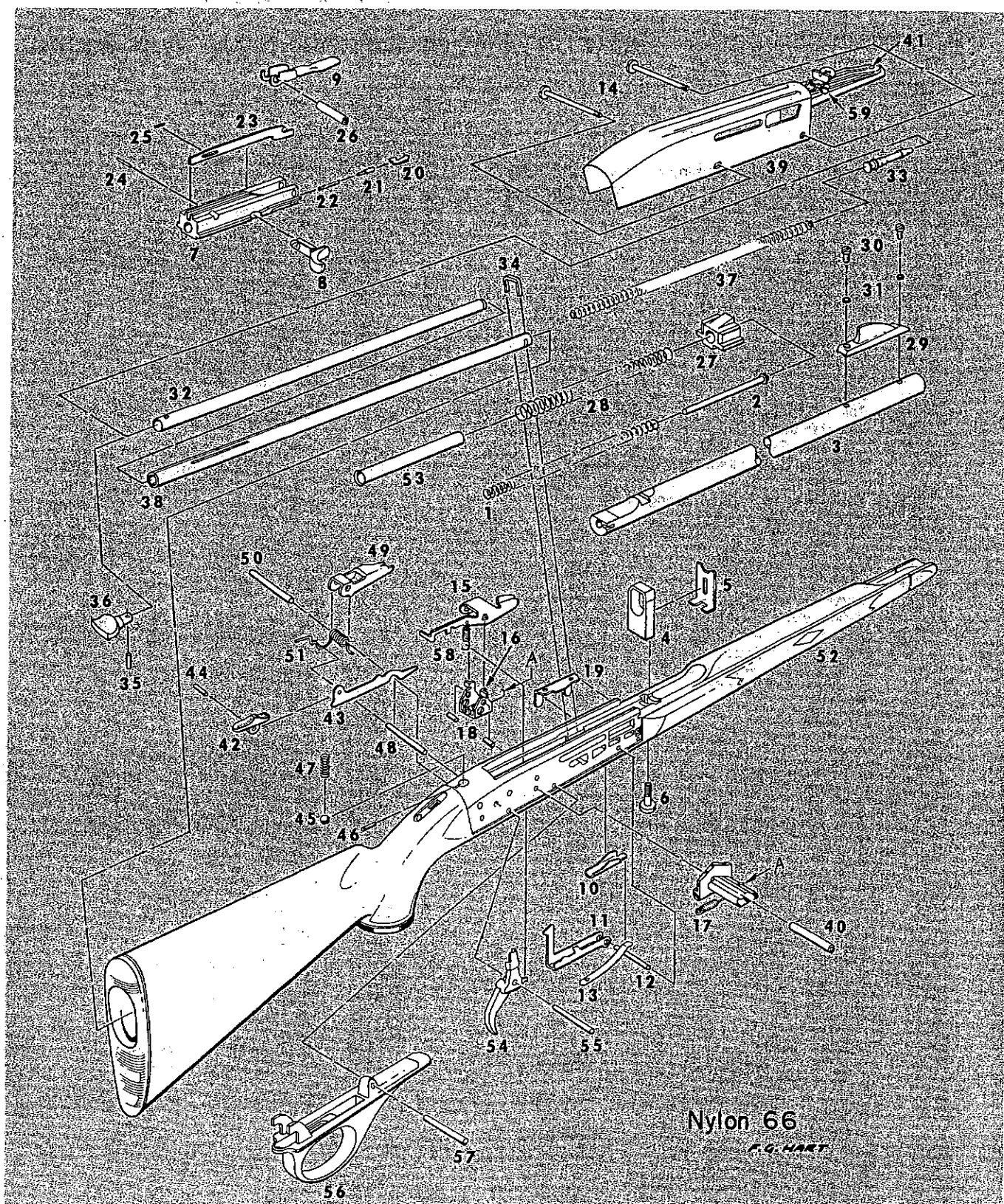
IMPORTANT: This gun has been manufactured to Remington specifications and shipped from the factory suitable for use. Remington does not recommend and is not responsible for any alteration or modification to the gun not made by Remington factory personnel, nor the replacement of worn or damaged parts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

EXPLODED VIEW

Remington.

MODEL
NYLON 66

22 CALIBER AUTOLOADING RIFLE



22 CALIBER AUTOLOADING RIFLE

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

VIEW NO.	PART NO.	NAME OF PART	VIEW NO.	PART NO.	NAME OF PART
NOTE:			48	16541	Safety Lever Cam Pin
This firearm is no longer produced by Remington. therefore, parts may no longer be in production and may not be available from our production facilities. Please call 1-800-243-9700, then follow the prompt selections to reach "Parts Orders".			49	16567	Sear
1	16511	Action Spring	50	16534	Sear Assembly Pin
2	16544	Action Spring Plunger	51	16559	Sear Spring
3	94036	Barrel MB	52	25005	Stock Assembly MB
	15401	Barrel, Apache Black		25007	Stock Assembly, Apache Black
4	15045	Barrel Bracket		34630	Stock Assembly, Black Diamond
	25640	Barrel Bracket Assembly	53	16540	Striker Spring Sleeve
5	15046	Barrel Support	54	16568	Trigger Complete
6	16512	Barrel Lock Screw	55	16541	Trigger Assembly Pin
7	16563	Bolt	56	16569	Trigger Guard
	24390	Bolt Assembly	57	16541	Trigger Guard Assembly Pin
8	16550	Bolt Handle	58	16517	Trigger Spring
9	16547	Cartridge Feed Guide	59	16529	Windage Screw
	24417	Cartridge Feed Guide Spring Assembly	ACCESSORIES		
		Complete	25886	Sling Strap Assembly	Obsolete
	16524	Cartridge Feed Guide Spring Rivet	15055	Sling Retaining Screw (need 4)	
10	16551	Cartridge Feed Insert	15050	Sling Swivel Retainer (need 2)	
11	16552	Cartridge Stop	26170	Sling Strap Assembly & Mountings	
12	16541	Cartridge Stop Pin		Complete	Obsolete
13	16553	Cartridge Stop Spring	NYLON 66GS "GALLERY SPECIAL"		
14	16515	Cover Screw Blue	22 Caliber Short Only		
	15402	Cover Screw, Apache Black	NOTE: For Parts Not Listed -		
15	16564	Disconnecter	See Nylon 66 Standard Model		
	25000	Disconnecter Assembly	15111	Action Spring, Gallery Special	Obsolete
16	16565	Disconnecter Pivot	15127	Barrel Gallery Special	Obsolete
17	16516	Disconnecter Pivot Spring	15124	Bolt	Obsolete
18	24477	Disconnecter Pivot Pin	26035	Bolt Assembly	Obsolete
19	16519	Ejector	15125	Cartridge Feed Guide	Obsolete
	16526	Elevation Screw	15119	Cartridge Feed Insert	Obsolete
	16527	Elevation Screw Washer	15167	Cartridge Feed Insert Spring	Obsolete
20	32970	Extractor	15120	Cartridge Stop	Obsolete
21	17667	Extractor Plunger	15050	Counter Chain Retainer	
22	15006	Extractor Spring	15055	Counter Chain Retainer Screw	
23	28186	Firing Pin	15168	Deflector	Obsolete
24	16549	Firing Pin Retaining Pin	15166	Deflector Screw	Obsolete
25	16513	Firing Pin Retractor Spring	15217	Disconnecter	Obsolete
26	16514	Firing Pin Stop Pin	26165	Disconnecter Assembly	Obsolete
27	16554	Firing Pin Striker	24475	Disconnecter Pivot Pin	
28	16520	Firing Pin Striker Spring	15126	Ejector	Obsolete
29	16545	Front Sight	15118	Extractor	Obsolete
30	16892	Front Sight Screw	15148	Firing Pin Retaining Pin	Obsolete
31	16968	Front Sight Washer	15113	Firing Pin Striker	Obsolete
32	16555	Inner Magazine Tube	15114	Firing Pin Striker Spring	Obsolete
33	16522	Magazine Follower	15121	Inner Magazine Tube	Obsolete
34	16521	Magazine Lock	15123	Magazine Bushing	Obsolete
35	16833	Magazine Pin	25800	Magazine Tube Assembly	Obsolete
36	16556	Magazine Plug	25805	Receiver Cover Assembly	Restricted
37	16523	Magazine Spring			Obsolete
	24395	Magazine Tube Assembly			Obsolete
38	16557	Outer Magazine Tube			Obsolete
39	24410	Receiver Cover Assembly	25815	Stock Assembly, Mohawk Brown, Complete	
	24411	Receiver Cover Assembly, Apache Black			Obsolete
40	16748	Rear Cover Screw Bushing			
	16525	Rear Cover Screw Lug			
	25780	Rear Sight Assembly Complete			
41	16528	Rear Sight Rivet			Obsolete
42	16530	Safety			
	24405	Safety Assembly			
43	16566	Safety Lever			
44	16531	Safety Lever Pin			
45	23224	Safety Detent Ball			
46	16542	Safety Detent Retaining Pin			
47	16533	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

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

Remington, America's Oldest **Gunmanker**

Remington Arms Co.
PO Box 700
Madison, NC 27025
Attention: History Book
800-423-8495

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