

# Remington



## AUTOLOADING RIFLE

also **NYLON 66 APACHE BLACK**

**22 Caliber • Long Rifle Only**

**Tubular Magazine—14 Cartridge Capacity**

# NYLON

# 66

## INSTRUCTION FOLDER and PARTS PRICE LIST



Your Remington "Nylon 66" is a 22 caliber autoloading rifle. Long Rifle cartridges only load and fire in this rifle. The autoloading action, after firing, will open and eject the fired cartridge case. The action then closes to cock and reload.

**SAFETY** — Operated by thumb at rear of receiver cover. Push rearward to **SAFE** position. **RED** indicator button will not show in **SAFE** position. The safety is designed to separate trigger from action when in **SAFE** position. Trigger in **SAFE** position is free swinging and cannot fire rifle.

**FIRE** — Push safety forward to **FIRE** position (Fig. 1). **RED** indicator button will show to rear of safety in **FIRE** position. Pull trigger to fire each round loaded into barrel. After firing, the autoloading action is designed to cock the rifle after the fired cartridge case is ejected.



**TO SINGLE LOAD AND COCK RIFLE** — Push safety rearward to **SAFE** position. Turn ejection port in recess upwards and drop cartridge in recess against closed action (Fig. 2). Pull bolt handle back quickly and release. Cartridge will then drop into action and load forward into barrel (Fig. 3).

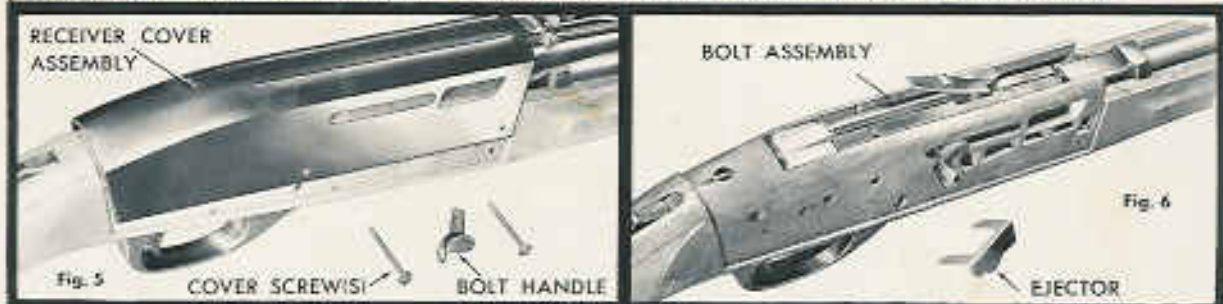
**TO LOAD** — Load cartridges in rear of stock. Capacity is 14 Long Rifle cartridges. Push safety rearward to **SAFE** position. Hold rifle with muzzle downward. Reach into butt plate recess and turn magazine plug to unlock magazine tube. Pull magazine tube out and remove from stock (Fig. 4).

After loading, replace magazine tube and lock forward in place by turning magazine plug.

**TO UNLOAD** — Push safety rearward to **SAFE** position. Unlock and remove magazine tube from rear of stock. Turn muzzle upwards and allow live cartridges to empty carefully 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. Empty barrel should also be checked from open ejection port.

The Remington "Nylon 66" is designed to use all the amazing natural qualities of DuPont nylon.



Nylon is self-lubricating and provides slip-smooth bearing surfaces for the free movement of the autoloading action. Therefore, cleaning and oiling is unnecessary for thousands of rounds of firing.

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

**RIFLE DISASSEMBLY AND REASSEMBLY** (Fig. 5) — After extended shooting or when rifle is to be laid away for some time only partial disassembly for cleaning is required. Disassemble and reassemble as directed. Cock rifle. Push safety rearward to **SAFE** position. (**RED** button will not show.) Pull out bolt handle. Unscrew cover screw (2), and remove from receiver cover assembly. Slide assembly upwards and remove from rifle. Remove ejector (free fit), from exposed left side of rifle. No further disassembly of rifle is recommended unless replacement of parts is required. Reassemble parts in reverse order.

REMINGTON ARMS COMPANY, INC.

ILION, NEW YORK, U.S.A.



RF 33

NYLON

66

22 CALIBER

AUTOLOADING RIFLE

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	16511	Action Spring	\$ .40	44	16531	Safety Lever Pin	\$ .25
2	16544	Action Spring Plunger	.25	45	23224	Safety Detent Ball	.25
3	16570	Barrel	8.25	46	16542	Safety Detent Retaining Pin	.25
	15401	Barrel, Apache Black (not shown)	11.50	47	16533	Safety Detent Spring	.25
4	15045	Barrel Bracket	.70	48	16541	Safety Lever Cam Pin	.25
	25640	Barrel Bracket Assembly (includes Barrel Bracket, Barrel Support) (not shown)	.90	49	16567	Sear	.90
5	15046	Barrel Support	.25	50	16534	Sear Assembly Pin	.25
6	16512	Barrel Lock Screw	.40	51	16559	Sear Spring	.25
7	16563	Bolt	3.30	52	25005	Stock Assembly, Mohawk Brown (includes Butt Plate, Butt Plate Spacer, Diamond Inlay (2), Fore-end Tip, Fore-end Tip Spacer, Grip Cap, Grip Cap Spacer, Safety Button, Stock Bolt (3), Stock, Stock Filler, Stock Nut (3))	15.00
	24390	Bolt Assembly (includes Bolt, Cartridge Feed Guide, Extractor, Extractor Plunger, Extractor Spring, Firing Pin, Firing Pin Retaining Pin, Firing Pin Extractor Spring, Firing Pin Stop Pin) (not shown)	4.95	25007	Stock Assembly, Apache Black (not shown)	17.00	
8	16550	Bolt Handle	.25	53	16540	Striker Spring Sleeve	.55
9	16547	Cartridge Feed Guide	.40	54	16568	Trigger Complete (includes Trigger Cap)	1.00
	25775	Cartridge Feed Guide Spring Complete (includes Cartridge Feed Guide Spring, Feed Guide Spring Rivet) (not shown)	.55	55	16541	Trigger Assembly Pin	.25
10	16551	Cartridge Feed Insert	.90	56	16569	Trigger Guard	1.00
11	16552	Cartridge Stop	.25	57	16541	Trigger Guard Assembly Pin	.25
12	16541	Cartridge Stop Pin	.25	58	16517	Trigger Spring	.40
13	16553	Cartridge Stop Spring	.25	59	16529	Windage Screw	.40
14	16515	Cover Screw	.40			<b>ACCESSORIES (Not Shown)</b>	
	15402	Cover Screw, Apache Black (not shown)	.60	25886	Sling Strap Assembly	3.30	
15	16564	Disconnecter	.70	15505	Sling Retaining Screw (need 4)	.25	
	25000	Disconnecter Assembly	1.80	15050	Sling Swivel Retainer (need 2)	.50	
16	16565	Disconnecter Pivot	.70	26170	Sling Strap Assembly and Mountings Complete (includes Sling Strap Assembly, Sling Swivel Retainer (2), Swivel Retaining Screw (4))	5.40	
17	16516	Disconnecter Pivot Spring	.40			<b>NYLON 66GS "GALLERY SPECIAL"</b>	
18	24477	Disconnecter Pivot Pin	.25			<b>22 Caliber Short Only</b>	
19	16519	Ejector	.55			NOTE: For Parts Not Listed — See Nylon 66 Standard Model	
	16526	Elevation Screw (not shown)	.40	15111	Action Spring	.40	
	16527	Elevation Screw Washer (not shown)	.25	15127	Barrel	8.25	
20	18408	Extractor	.55	15045	Barrel Bracket	.70	
21	17667	Extractor Plunger	.25	15124	Bolt	3.85	
22	15006	Extractor Spring	.25	26035	Bolt Assembly (includes Bolt, Cartridge Feed Guide, Extractor, Extractor Plunger, Extractor Spring, Firing Pin, Firing Pin Retaining Pin, Firing Pin Retractor Spring, Firing Pin Stop Pin)	6.05	
23	28185	Firing Pin	.70	15125	Cartridge Feed Guide	.40	
24	16549	Firing Pin Retaining Pin	.25	15119	Cartridge Feed Insert	1.10	
25	16513	Firing Pin Retractor Spring	.25	15167	Cartridge Feed Insert Spring	.90	
26	16514	Firing Pin Stop Pin	.25	15120	Cartridge Stop	.25	
27	16554	Firing Pin Striker	1.00	15050	Counter Chain Retainer	.50	
28	16520	Firing Pin Striker Spring	.40	15055	Counter Chain Retainer Screw	.25	
29	16545	Front Sight	1.35	15168	Deflector	.70	
30	16892	Front Sight Screw	.25	15166	Deflector Screw	.25	
31	16968	Front Sight Washer	.25	15217	Disconnecter	.70	
32	16555	Inner Magazine Tube	.70	26165	Disconnecter Assembly (not shown)	1.80	
33	16522	Magazine Follower	.25	24475	Disconnecter Pivot Pin	.25	
34	16521	Magazine Lock	.25	15126	Ejector	.55	
35	16833	Magazine Pin	.25	15118	Extractor	.55	
36	16556	Magazine Plug	.25	15148	Firing Pin Retaining Pin	.25	
37	16523	Magazine Spring	.40	15113	Firing Pin Striker	1.00	
	24395	Magazine Tube Assembly (includes Inner Magazine Tube, Magazine Follower, Magazine Pin, Magazine Plug, Magazine Spring) (not shown)	1.65	15114	Firing Pin Striker Spring	.40	
38	16557	Outer Magazine Tube	1.00	15121	Inner Magazine Tube	.70	
39	24410	Receiver Cover Assembly (includes Cartridge Feed Guide Spring, Cartridge Feed Guide, Spring Rivet, Receiver Cover Screw Lug (2), Receiver Cover Shell, Rear Sight, Rear Sight Rivet, Elevation Screw, Elevation Screw Washer, Windage Screw)	4.95	15123	Magazine Bushing	.40	
	24411	Receiver Cover Assembly, Apache Black (not shown)	7.50	25800	Magazine Tube Assembly (includes Inner Magazine Tube, Magazine Follower, Magazine Pin, Magazine Plug, Magazine Spring)	1.65	
40	16748	Rear Cover Screw Bushing	.25	25805	Receiver Cover Assembly (includes Cartridge Feed Guide Spring, Cartridge Feed Guide Spring Rivet, Receiver Cover Screw Lug (2), Receiver Cover Shell, Rear Sight, Elevation Screw, Elevation Screw Washer, Rear Sight Rivet, Windage Screw)	4.95	
	25780	Rear Sight Assembly Complete (includes Rear Sight Assembly, Windage Screw, Rear Sight Rivet, Elevation Screw) (not shown)	2.00	25815	Stock Assembly, Mohawk Brown, Complete (includes Stock Assembly, Counter Chain Retainer, Counter Chain Retainer Screw, Magazine Bushing)	18.50	
41	16528	Rear Sight Rivet	.25				
42	16530	Safety	.25				
	24405	Safety Assembly (includes Safety, Safety Lever, Safety Lever Pin) (not shown)	.55				
43	16566	Safety Lever	.25				

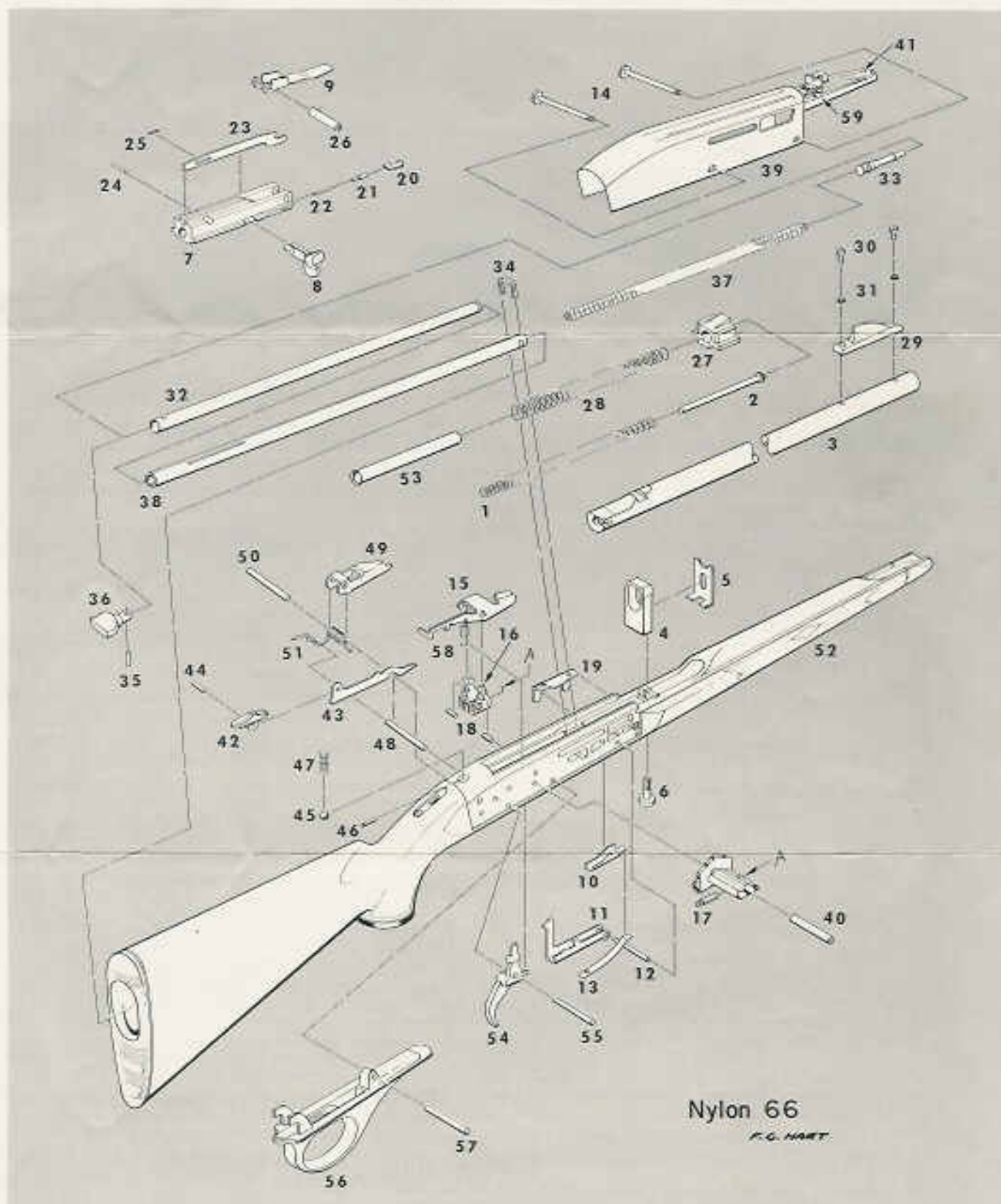
# SECTIONAL VIEW

# NYLON

## 22 CALIBER AUTOLOADING RIFLE

# 66

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



Nylon 66  
F.C. HART

Send all guns for factory service and inquiries on service and parts to  
**REMINGTON ARMS COMPANY, INC.**  
Arms Service Division  
Ilion, New York 13357

All other inquiries are to be addressed to  
**REMINGTON ARMS COMPANY, INC.**  
Bridgeport, Connecticut 06602

**ACTION CLEANING AND CARE** (Fig. 6) — (Pull bolt assembly back and hold.) Scrape shooting residue from (free swinging), cartridge feed guide. Scrape residue also from bolt rails in stock. Clean face of bolt assembly. 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 for best results.

**HANDLING** — 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 cause rust to steel parts unless removed. Nylon cannot rust, therefore, no special care after handling is necessary.

**EXPOSURE** — 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 also required for rust prevention. When shooting in below freezing weather remove any excess oil and use dry graphite.

Your Remington "NYLON 66" may be adjusted for windage or range purposes by movement of the rear sight. The front sight is of the "fixed" type, not adjustable, and attached to the barrel by two screws. Coin fitted slots assist the 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 the top panel for attaching the "tip-off" type of telescope mount (Fig. 7). The mount may be easily slipped into the receiver grooves and tightened in desired position.



**RANGE** (Fig. 8) — 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. 8) — 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.

## INSTRUCTIONS FOR ORDERING PARTS

(Please read carefully)

**WHEN ORDERING PARTS . . . MODEL NUMBER, PART NUMBER and PART NAME MUST BE GIVEN.** Give also serial number (if any), and state caliber or gauge and choke needed. Please identify from the component parts, picture or section view. When ordering interchangeable shotgun barrels, please list an separate order form. This will speed up shipment to you.

Cover only one subject in letter or order. Do not order spare parts and give instructions on repair of a gun or guns in the same letter — this delays service.

Please do not ship sample parts to Firearms Factory unless it is impossible to identify from the Parts List or Instruction Folder. See shipping instructions concerning **FACTORY SERVICE**.

Parts will be furnished for discontinued models as long as the supply is available. We are unable to supply parts for models or repair guns not listed in Complete Line Parts List.

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.

**IMPORTANT:** Do not combine Part Orders with Gun Service Orders. Please send Part Orders direct to:

**REMINGTON ARMS COMPANY, INC.**  
PARTS DEPT.  
ARMS SERVICE DIVISION  
Ilion, New York 13357

## INSTRUCTIONS FOR FACTORY SERVICE

Please read carefully before making shipment to the Firearms Plant at  
**ILION, NEW YORK 13357**

Please package carefully when shipping firearms to factory. Use plenty of cushioning material to prevent movement of gun or gun parts in package during transit.

Please do not ship gun in a gun case, or special container that must be returned from the factory. The return of your gun or parts will be greatly speeded if properly packaged in a throw-away carton.

All shipments should have forwarding and return address clearly marked on gun package as well as on attached letter.

To further improve service — please attach complete letter of information securely on outside of each package returned to the factory for repairs.

Please do not return gun accessories such as sling straps, quick release swivels, special boots, covers, telescopes, mounts or any special equipment to the factory with the gun shipment.

Give full details of the contents of the shipment — state whether complete gun or part. List model name and model number, serial number (if any), and caliber or gauge.

Give full condition of contents — stock and fore-end damage (if any), metal damage (if any), barrel bent or damaged (if any), parts missing, etc. A full description will enable us to more accurately list the needed repairs.

Cover only one subject in letter or order. Do not order spare parts

and give instructions on repair of a gun or guns in the same letter — this delays service.

**THEN** — to avoid all possible delay in starting work on your gun or parts, please include in your first order or letter the trouble you wish corrected, any changes you desire, or parts you wish replaced.

If an estimate is required before the work is started, please advise. Otherwise we will proceed with the necessary work and send a statement of the cost to you. In this manner your gun or parts can be reshipped at the earliest possible date.

Unless you specify otherwise, shipments will be made by way of Parcel Post on small packages, Express on larger packages.

Remington gun parts are not interchangeable with those of any other make of gun. For this reason the Remington Arms Company, Inc. cannot service any gun not of our manufacture.

Repairs will be made on discontinued models as long as the supply of parts is available. However, repairs cannot be made for models which are not listed in complete line Parts List.

**IMPORTANT:** Before packaging guns for return to factory, **ALL LIVE AMMUNITION SHOULD BE REMOVED.**

If live ammunition is included in package, shipment cannot be made by Insured Mail. All other shipments may be made by Insured Mail, Express, Motor Transport, or Freight.

Please send repairs direct to:

**REMINGTON ARMS COMPANY, INC.**  
ARMS SERVICE DIVISION  
Ilion, New York 13357