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 742 AUTOLOADING CENTERFIRE 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 742 Autoloading Centerfire 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!

THE RESERVE WEATHER STEEL SAIL FROM THE

- 7. Always wear eye and ear protection when shooting.
- 8. Be sure the barrel is clear of obstructions before shooting.

and the could be present afficult navency days.

- 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.

#### Model 742

- Autoloading
  - Big Game
- Rifle or Carbine
- Clip Type Magazine Information

In December of 1959, the model 742 was introduced replacing the model 740. In January of 1960, the model 742 was introduced in grades of A, ADL, D and F with caliber's in .257 Roberts, .270 Win, 300 Savage and the BDL versions. January of 1962 brought the new version of the M/742C and CDL (carbine) in .280 Rem, 30-06 and the .308 Win. In January of 1963, the 6MM Rem was added. January of 1964 brought about the discontinuation of the .280 Rem in the CDL grades. The 150th Anniversary edition, in limited quantities, came about in January of 1966 in BDL grade, right and left hand stocks in caliber's of .30-06 and .308 Win. January of 1968 brought in the .243 Win and ADL calibers with a change to the checkering on the ADL and C grades, thus eliminating the A and CDL grades. January of 1976 brought about the Bicentennial Edition in limited quantities. The 7MM Express Rem cartridge was the new designation for the .280 Rem in January of 1980. In December of 1980, the Model 742 was discontinued and replaced by the Model 4 and Model 7400.

Quality materials and sound manufacturing practice went into the making of this gun. The receiver was expertly milled and finished cut to design specifications. The barrel was forged and rifled by skilled barrel makers. The coloring vats added a dense gunmetal coating to the metal parts.

The stock and forearm were fully seasoned in wood kilns then shaped by experienced wood workers. A durable and long lasting wood finish was then applied to bring out the natural wood grain. All parts were carefully assembled to make a strong and smooth working action.

The "Woodmaster" Model 742 was the latest in Remington's line of outstanding autoloading high power rifles. This gas operated rifle was designed for rugged hunting use and built to Remington's rigid standards using quality materials. The Model 742 is take-down in design, meaning the barrel and action parts could be removed for maintenance and care. Two grades were supplied...Standard and the new BDL "Custom Deluxe." Standard grade listed both rifle and carbine length models.

A five (5) shot capacity was available in both models, counting four (4) cartridges in the detachable clip magazine and one (1) in the barrel chamber. Extra clips could be ordered.

A new "step-down" receiver styling design for the BDL provided a level-line sighting from stock to sights. Front and rear sights were removable on all grades for additional telescope mounting sight requirements. Barrel screw holes could then be filled with the receiver plug screws removed from the receiver.

The featured BDL stock of American walnut now included the cheek piece and Monte Carlo design for comfort and more effective sighting. A BDL cheek piece for left hand shooters with left hand safety was optional. The new "taper-flow" fore-end improved the front holding position on the BDL.

Custom checkering was applied with an attractive basket weave pattern. This interlacing checkering design was furnished on the stock and fore-end of the BDL Grade. The form-fitting BDL pistol grip was accentuated with black cap and white spacer. A cap and spacer of the same material were also fitted to the fore-end. To all grades, the tough wearing Du Pont RK-W "bowling pin" wood finish added a lustrous quality appearance.

### Remington WOODSMASTER

### **Automatic · Big Game** RIFLE or CARBINE

TYPE MAGAZINE - EXTRA

## INSTRUCTION FOLDER and PARTS PRICE

YOUR NEW "WOODSMASTER" Model 742 . . . the latest in Remington's line of outstanding autoloading high power 🖟 rifles. This gas-operated rifle is designed for rugged hunting use, and built to Remington's rigid standards, using quality materials. The Model 742 is take-down in design which means the barrel and action ports can be removed for maintenance and care. Two (2) grades are supplied . . . Stondard and new BDL "Custom Deluxe." Standard grade lists both rifle and carbine length models.

A five (5) shot capacity is available in both models, counting four (4) cartridges in detachable clip magazine and one (1) in barrel chamber. Extra clips can be ordered.

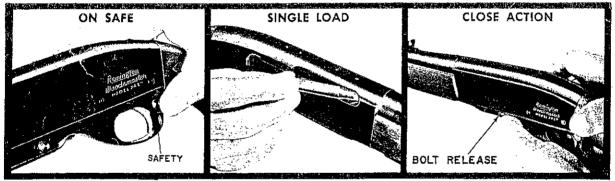
A new "step-down" receiver styling design for the BDL provides a level-line sighting from stock to sights. Front and rear sights are removable on all grades for additional telescope mounting sight requirements. Barrel screw holes may then be filled with receiver plug screws removed from receiver.

The featured BDL stock of American walnut now includes cheekpiece and Monte Carlo design for comfort and more effective sighting. A BDL cheekpiece for left hand shooters with left hand safety is optional. The new "taper-flow" fore-end improves the front holding position on the BDL.

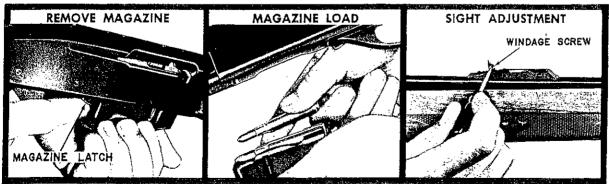
Custom checkering is applied with an attractive basket weave pattern. This interlocing checkering design is furnished on stock and fore-end of BDL Grade. The form-fitting BDL pistol grip has been accentuated with black cap and white spacer. A cap and spacer of same material has also been fitted to the fore-end. To all Grades, the tough wearing DuPont RK-W "bowling pin" wood finish adds a lustrous quality appearance.

IMPORTANT - Remove all oil or grease from barrel bore and cartridge chamber in breech of barrel before firing. TO PLACE ON SAFE -- RED band marking on safety will not show when pushed ON SAFE,

TO FIRE -- RED band marking on safety will show when safety is pushed across to FIRE position.



UNLOAD RIFLE — Place rifle on SAFE. Remove magazine and slide out live cartridges. Replace magazine and pull back operating handle to pull any live cartridge from barrel chamber. Make certain chamber and magazine are empty before closing action.



SIGHT ADJUSTMENT — Factory sights on Remington high power rifles are targeted at 100 yards and carefully adjusted for regresshooters at the factory.

WINDA - Move rear sight to left by turning windage screw clockwise. This will move built impact at target to left. Turn windage screw counter clockwise to move rear sight to right, Bullet impact will then move to right.

ELEVATION — Bullet impact at target will lift or range increase by raising rear sight. Raise reor sight by sliding notched sight step beneath sight. Bullet impact will drop, or range decrease if sight is lowered.

REMINGTON ARMS COMPANY, INC.

ILION, NEW YORK, U.S.A.



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MODEL

CARE OF RIFLE — Remington guns will remain clean longer and continue to give satisfactory all weather performance if little or no lubrication is used in barrel and action parts. However, when the rifle is returned to warmer room temperatures after cold weather use, moisture may form on interior as well as exterior metal surfaces. To remove this moisture wipe barrel bore, barrel chamber, and all breech and action parts and then re-oil sparingly.

Also give exterior surfaces of receiver and barrel attention after hunting. Fingerprints tend to form rust unless wiped away. To remove prints wipe all metal surfaces with an oiled cloth. Proper care after handling and hunting will insure long life and keep your Remington "Woodsmaster" in good shooting condition.

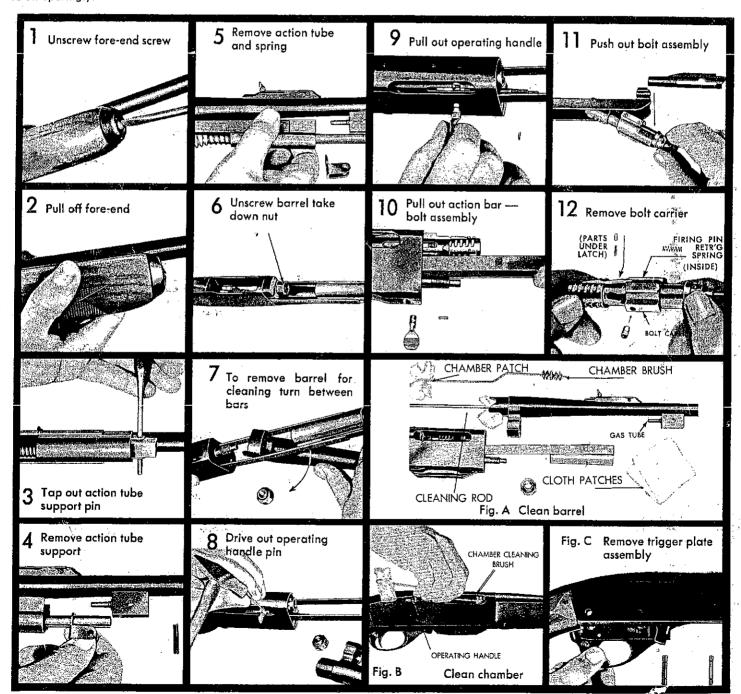
MODEL 742 TAKE DOWN FOR CLEANING — Simple tool use and picture directions are shown in this section. Please follow the numbered order to make the cleaning as complete as desired. Assemble in reverse order, Make certain barrel take down nut (Fig. 6) is tight. An evaporating solvent such as varnolene is recommended for cleaning. Use necessary precautions. Lubricate thoroughly if laid away for some time.

Caution — For satisfactory operation the nozzle end of the gas tube must remain unchanged and not damaged in any manner. Therefore during assembly of fore-end action parts care must be taken that the matching hole in the action bar sleeve is guided carefully into position over the gas tube. The gas tube is self-cleaning.

**IMPORTANT** — For best accuracy, assemble fore-end firmly against receiver. When the fore-end screw is tightened the fore-end will automatically adjust for proper clearance to receiver.

CARTRIDGE CHAMBER in breech of barrel and rifle bore must always be clean. Use chamber brush supplied with each new gun. Removal of barrel from gun (Fig. 7) is recommended when cleaning chamber and bore (Fig. A). Temporary chamber cleaning can be done through ejection port of receiver (Fig. B). Use chamber brush with solvent, and wipe clean with cloth patch.

Remove and clean trigger plate assembly as unit (Fig.C). No further take down of assembly necessary. Brush with solvent, allow to dry, re-oil sparingly.



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### Remington,

# **MODEL 742**

## Automatic • Big Game RIFLE or CARBINE

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

Note: 30-06 Caliber listed below. See Sectional View for proper identity of parts.

View Na,		NAME OF PART	List Price	Viev No		NAME OF PART	List Price
1	21190	Action Bar Assembly — 30-06, (includes Action		45	28005	Magazine Latch (Selected sizes)	\$ 17
_	10000	Bar, Action Bar Rivet, Action Bar Sleeve)		46	18423		
2	18332	Action Spring		47	15000	_  -  -  -  -  -  -  -  -  -  -  -  -  -	
3	18334	Action Tube		48	16989		
4 5	18513	Action Tube Support Pin		49	23223		
•	10313	· ·		50	16169	Orifice Screw	
6	24625	Barrel Assembly — 30-06 (includes Barrel, Barrel Extension, Barrel Lug, Barrel Lug Locating Pin, Breech Ring)	rice.on plication	51	24525	Rear Sight Assembly (includes Rear Sight Collar, Rear Sight Eyepiece, Rear Sight Leaf, Rear Sight Windage Screw)	
7	16998	Barrel Take Down Nut 30-06		52	16454		
8	15032	Barrel Take Down Net Washir		53	16023		e e
9	25580	Bolt Carrier		54	16456		
10	25540	Breech Bolt Assembly (includes Breech Bolt,	`	55	28095		
		Bolt Latch, Bolt Latch Pivot, Bolt Latch Spring.	5 €	56	16968		٠.
		Bolt Latch Spring Plunger, Ejector, Ejector Re- taining Pin, Ejector Spring, Extractor, Extrac- tor Rivet)	A P. P.		21,487		
11	16988	Bolt Latch		57	28595	Receiver Assembly, BDL Grade	
12 13	15337	Bolt Latch Pivot		58	17034	Receiver Plug Screw Receiver Stud	
13	15003	Bolf Latch Spring Bolf Latch Spring Plunger	•	59	18551	Receiver Stud	
15	18510	Breech Ring Bolt		60	25115	Safety	C
16	16601	Butt Plate		61	23223	Safety Detent Ball	•.
	14472	Butt Plate, BDL Grade		62	17514	Safety Spring	:
17	25410	Butt Plate Screw		63	17515	Safety Spring Retaining Pin	*.
	14473	Butt Plate Space, BDL Grade		64	18750	Sear	
18	19673	Com Pin		65.	17463	Sear Pin	
19	17419	Connector, Left		66	17518	Sear Spring	
20	17551	Connector, Right Connector Pin Disconnector	Section 1	14.5	27850	Stock Assembly: (includes Stock, Butt Plate: Butt	
21	1/420	Connector Pin	,			Plate Screw (2), Grip Cap, Grip Cap Screw)	*,
22 23	19478	Disconnector Spring	e je Postava	67	28590	Stock Assembly, BDL Grade, R.H. Stock Assembly, BDL Grade, L.H.	·.
24	19946	Flection Port Cover	, * , *		28591	Stock Assembly, BDL Grade, L.H.	<b>-</b> ,
25	16291	Ejection Port Cover		69	19621	Stock Bearing Plate	
26	18325	Ejector Retaining Pin		70	18571	Stock Bolt	
27	16292	Ejector Spring		71	18572	Stock Bolt Lock Washer	
8	16254	Extractor		72	18573	Stock Bolt Washer	
'	27340	Extractor Rivet		73	25370	Trigger	
İ	18326 18382	Firing Pin			20610	Trigger Assembly (includes Trigger, Connector	
	18382	Firing Pin Retaining Pin				Right, Connector Left, Connector Pin)	
ا عد	27870	Firing Pin Retracting Spring Fore-end Assembly, (includes Fore-end, Fore-		74	17533	Trigger Pin	•
	2,0,0	end Bushing, Fore-end Cap, Fore-end Rein-		75	20095	Trigger Plate, Right Hand	
		forcement, Fore-end Reinforcement Support.			20096	Trigger Plate, Left Hand	
		Fore-end Screw, Fore-end Spacer)	į		22070	Trigger Plate Assembly, R.H. (includes Discon-	
33	15679	Fore-end Assembly, BDI Grade (includes Fore-	•			nector, Disconnector Spring, Hammer, Ham-	
		end, Fore-end Cap, Fore-end Cap Spacer, Fore-end Reinforcement Assembly, Fore-end				mer Pin, Hammer Plunger, Hammer Spring,	
		screw)				Magazine Latch, Magazine Latch Spring, Safety, Safety Detent Ball, Safety Spring,	
- 1	15020	Fore-end Bushing				Safety Spring Retaining Pin, Sear, Sear Pin,	
34	16304	Fore-end Cap		i		Sear Spring, Trigger Assembly, Trigger Pin,	5
35	15021	Fore-end Screw				Trigger Plate, Trigger Plate Pin, Trigger Plate	:
	16987	Fore-end Spacer		}		Pin Bushing, Front; Trigger Plate Pin Bushing, Rear; Trigger Plate Pin Detent Spring, Front;	
	15034	Fore-end Spring		i		Trigger Plate Pin Detent Spring, Rear)	
- 1	23805	Front Sight			22071	Trigger Plate Assembly, L.H. (includes same	
	28571	Front Sight Ramp				components as Part No. 22070 except use	
	28505 15002	Front Sight Ramp Screw	}	}	•	Trigger Plate, L.H.)	•
	25380	Grip CapGrip Cap Screw		76	17417	Trigger Plate Pin Bushing, Front	
	18339	Hammer	•	77	17541	Trigger Plate Pin Bushing, Rear	
		Hammer Pln		78	17539	Trigger Plate Pin Detent Spring, Front	
	17465	Hammer Plunger	]	79	17540	Trigger Plate Pin, Detent Spring, Rear	
13	19014	Hammer Spring	ļ	80	20602	Trigger Plate Pin, Front	
4	21880	Magazine Assembly, 30-06 (includes Bolt Re-	1				
		lease Assembly, Bolt Release Button, Maga-	j	81	20607	Trigger Plate Pin, Rear	
1		zine, Magazine Follower, Magazine Spring)	1		16935	Chamber Cleaning Brush	

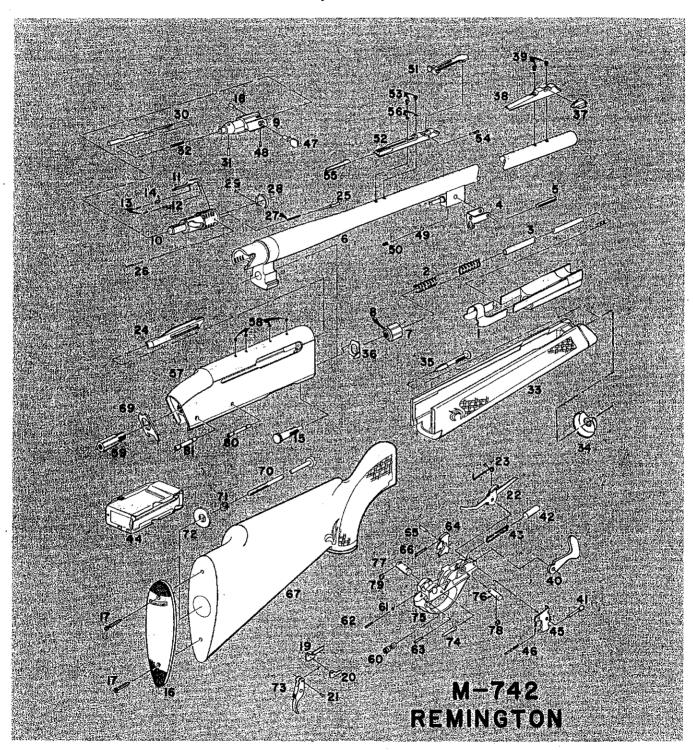
(BDL GRADE)

### Remington,

**MODEL 742** 

## Automatic • Big Game RIFLE or CARBINE

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



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

## ADDITIONAL CALIBERS

Remington,

#### COMPONENT PARTS

GRADES

(Not Shown in Sectional View)

## Automatic • Big Game RIFLE or CARBINE

MODEL 742

Part No.	NAME OF PART	List Price	Part No.	NAME OF PART L	ist Price
Mode	l 742 Additional Calibers and Custom Built	Grades		Model 742 Carbine	
mode		Giuus		(Same as standard M/742 except as listed)	
	(Not Shown in Sectional View)		04105	Barrel Assembly 30-06	)
NOTE: F	'art not listed same as 30-06 Caliber, See Pc	ige CF 30	26196	Barrel Assembly, 308 Win.	}
21191	Action Bar Assembly, 308 Win.	\$			
24626	Barrel Assembly, 308 Win.	· 	1.7 0.3	Front Sight	\$
24628	Barrel Assembly, 280 Rem.		25751	Front Sight, Low	
24630	Barrel Assembly, 6mm Rem.			CUDENCEDED A CRESCODIES	
	Barrel Take Down Nut, 308 Win., 6mm Rem.		25574	Sling Strap Assembly and Mountings Complete	, r
23737		ir. er	23374	aning arrap Assembly and Mountings Complete	Ψ.
	Plece	**		Consists of:	٠.,
21882	Magazine Assembly, 280 Rem	**		20215 Sling Strap Assembly, 1 inch	
13739	Magazine Assembly; 6mm Rem.  Butt Plate, BDL Grade	 		23706 Front Swivel Assembly	
4472	一種 アン・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	-		20895 Stock Swivel Rear Assembly	
4473	Butt Plate Spacer, BDL Grade Grip Cap, BDL Grade	<del></del>			
5697 5696	医三甲基酚 建铁铁铁铁矿 海绵 化二甲基酚 化二甲基酚 医克雷氏征 化二甲基甲基酚 化二氯甲基酚	<del>-</del>	04107	SUPERSEDED PARTS	Price or
3070	Grip Cap Spacer, BDL Grade		26197	Barrel Assembly, 280 Rem. (Carbine)	
	그 본글과 복하면서 원통다. 이 그 그		23550 23695	Fore-end Assembly, A Grade (includes Front	
			23073	Swivel Assembly also)	•
			16596	Fore-end Screw Washer, ADL Grade	
1.7			25313		
			21486	Receiver Assembly, ADL Grade	:
			24660	Stock Assembly, A Grade (includes Stock, Butt Plate, Butt Plate Screw (2)	· 1:
21 -2. -			24686	Stock Assembly, ADL Grade (includes Grip Cap, Grip Cap Screw, Stock Swivel Rear As- sembly also)	
	지금이 유통하다 하다		1.7		. A
				ACCESSORIES — EXTRA COST	
•			15902	Sling Strap Assembly and Mountings Complete, Q.D.	\$
		· . ·		Includes:	
				15900 Barrel Band, Q.D!	
				26625 Sling Strap Assembly, 7/8 inch	
		9		26555 Swivel Assembly (2), Q.D.	
			[	15358 Rear Swivel Screw, Q.D.	
	1000		! '		

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

This Remington rifle has been designed to satisfy your fullest expectations for excellence. Quality materials and sound manufacturing practices went into the making of this gun. The receiver was expertly milled and finish cut to design specifications. The barrel was forged and rifled by skilled barrel makers. The coloring vats have added a dense gunmetal coating to metal parts.

Stock and forearm have been fully seasoned in wood kilns, then shaped by experienced wood workers. Then a durable and long lasting wood finish has been applied to bring out the natural wood grain. All parts have been carefully assembled to make a strong and smooth working action. Finally, gallery testing in shooting butts and at the range have certified that a fine rifle has been produced for your shooting pleasure and lasting satisfaction.

#### 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 on 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 sup-

ply is available. We are unable to supply parts for models or repair guns not listed in Complete Line Parts List.

The sale of barrels and bolts is restricted. Special tools, and gauges are required for assembly.

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

#### 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 S #175
Minneapolis, MN 55425
800-877-GUNS(4867)

Flayderman's Guide to Firearm Values
Gun List
Modern Gun Values
Kraus 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

计一连数数 医多定数形式医垂直的变形

Shooter's Bible
Stoeger Publishing Company
5 Mansard Court
Wayne, NJ 07470
973-872-9500

Remington, America's Oldest Gunmaker Remington Arms Co. PO Box 700 Madison, NC 27025 Attention: History Book 800-423-8495