

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!**
- 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.**

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

CLIP TYPE MAGAZINE - EXTRA CLIPS AVAILABLE

INSTRUCTION FOLDER and PARTS PRICE LIST

MODEL 742

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 parts can be removed for maintenance and care. Two (2) grades are supplied . . . Standard 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.

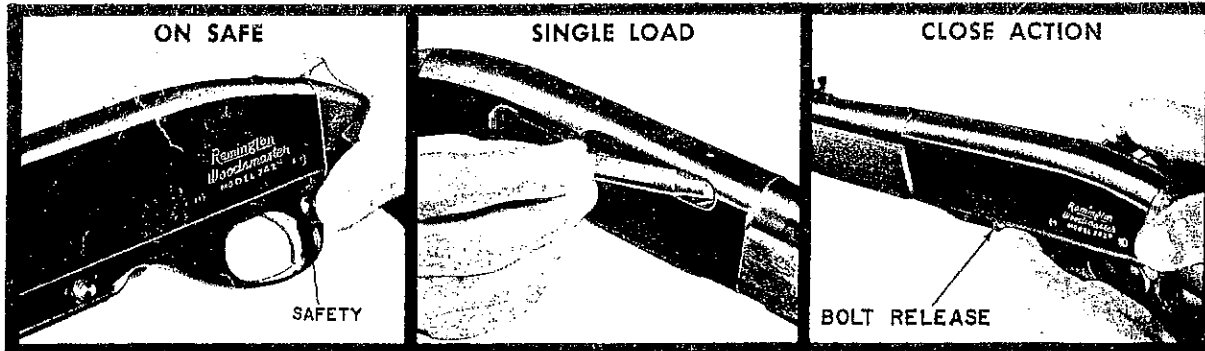
The featured BDL stock of American walnut now includes cheekpiece and Monte Carlo design for comfort and more effective sighting. A BDL cheekpiece for left hand shooters with left hand safety is optional. The new "taper-flow" fore-end improves the front holding position on the BDL.

Custom checkering is applied with an attractive basket weave pattern. This interlacing 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.

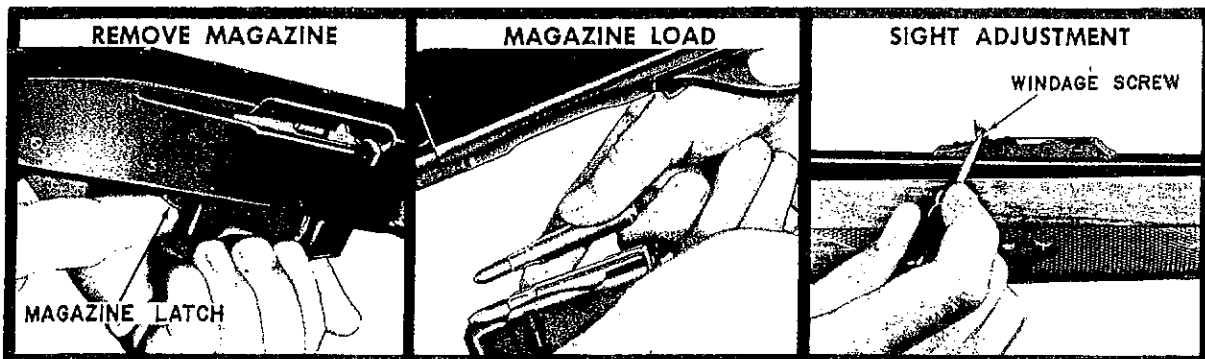
IMPORTANT — Remove all oil or grease from barrel bore and cartridge chamber in breech of barrel before firing.

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.



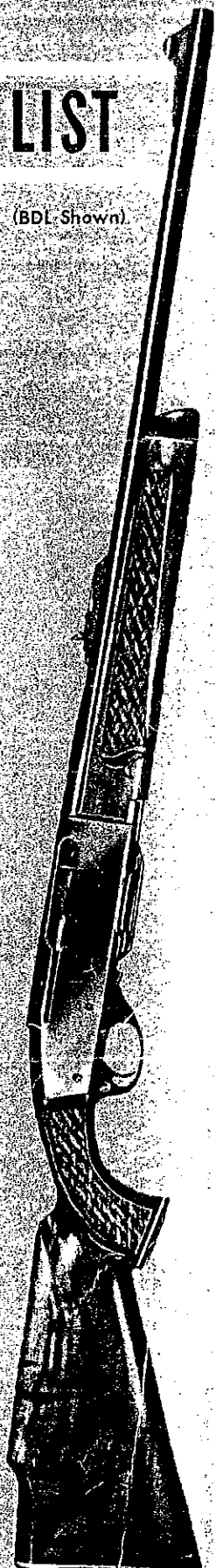
SIGHT ADJUSTMENT — Factory sights on Remington high power rifles are targeted at 100 yards and carefully adjusted for average shooters at the factory.

WINDAGE — Move rear sight to left by turning windage screw clockwise. This will move bullet 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 rear 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.



(BDL Shown).

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 "Woodmaster" in good shooting condition.

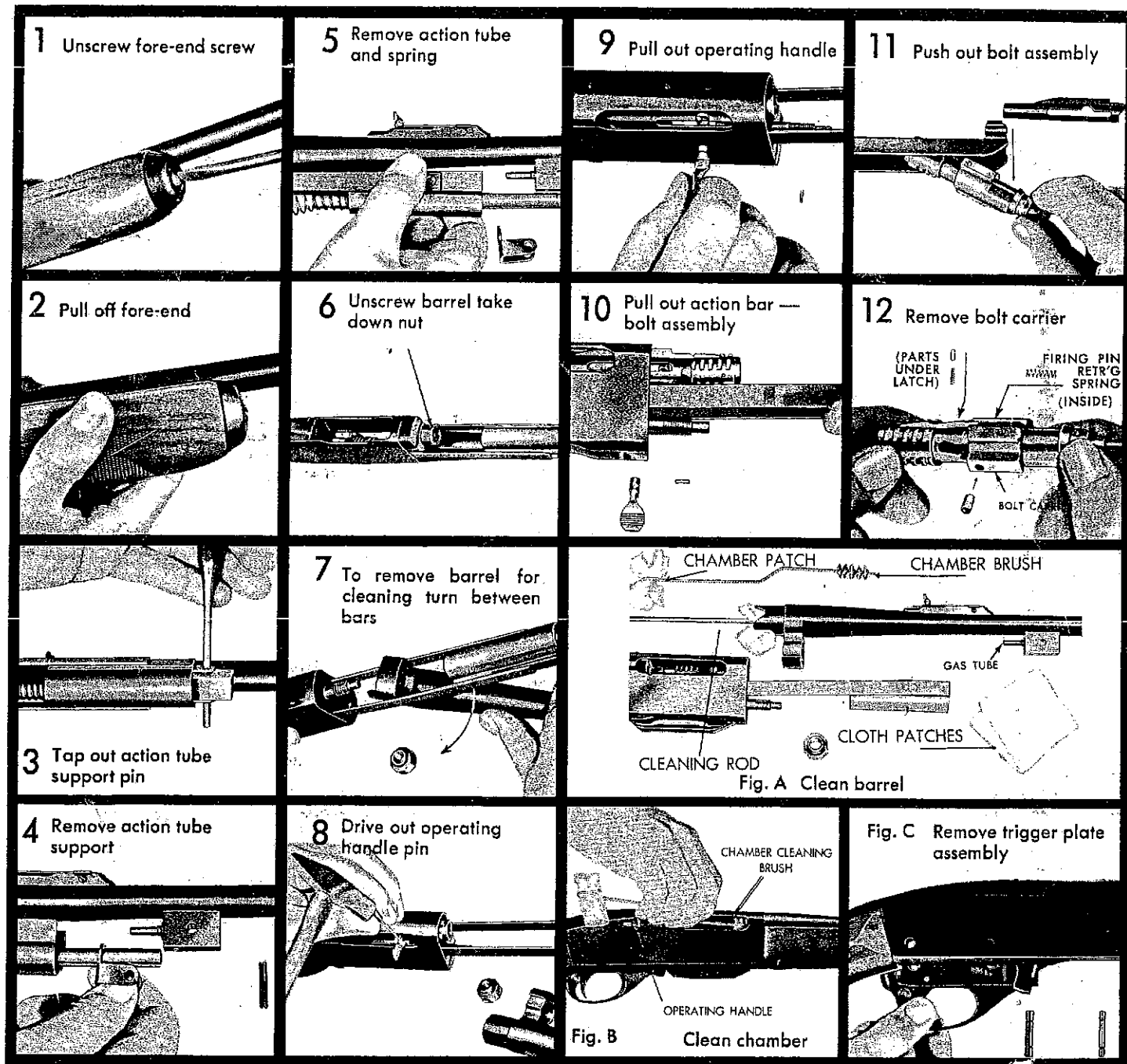
MODEL 742 TAKE DOWN FOR CLEANING — Simple tool use and picture directions are shown in this section. Please follow the numbered order to make the cleaning as complete as desired. Assemble in reverse order. Make certain barrel take down nut (Fig. 6) is tight. An evaporating solvent such as varnolene is 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.



MODEL
742Automatic • 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 No.	Part No.	NAME OF PART	List Price	View No.	Part No.	NAME OF PART	List Price
1	21190	Action Bar Assembly — 30-06, (includes Action Bar, Action Bar Rivet, Action Bar Sleeve)	\$	45	28005	Magazine Latch (Selected sizes)	\$
2	18332	Action Spring		46	18423	Magazine Latch Spring	
3	18334	Action Tube		47	15000	Operating Handle	
4	16022	Action Tube Support		48	16989	Operating Handle Retaining Pin	
5	18513	Action Tube Support Pin		49	23223	Orifice Ball	
6	24625	Barrel Assembly — 30-06 (includes Barrel, Barrel Extension, Barrel Lug, Barrel Lug Locating Pin, Breech Ring)	Price on Application	50	16169	Orifice Screw	
7	16998	Barrel Take Down Nut — 30-06		51	24525	Rear Sight Assembly (includes Rear Sight Collar, Rear Sight Eyepiece, Rear Sight Leaf, Rear Sight Windage Screw)	
8	15032	Barrel Take Down Nut Washer		52	16454	Rear Sight Base	
9	25580	Bolt Carrier		53	16023	Rear Sight Base Screw	
10	25540	Breech Bolt Assembly (includes Breech Bolt, Bolt Latch, Bolt Latch Pivot, Bolt Latch Spring, Bolt Latch Spring Plunger, Ejector, Ejector Retaining Pin, Ejector Spring, Extractor, Extractor Rivet)	Price on Application	54	16456	Rear Sight Screw	
11	16988	Bolt Latch		55	28095	Rear Sight Step (Selected sizes)	
12	15337	Bolt Latch Pivot		56	16968	Rear Sight Washer	
13	16463	Bolt Latch Spring		57	28595	Receiver Assembly, BDL Grade	
14	15003	Bolt Latch Spring Plunger		58	17034	Receiver Plug Screw	
15	18510	Breech Ring Bolt		59	18551	Receiver Stud	
16	16601	Butt Plate		60	25115	Safety	
17	14472	Butt Plate, BDL Grade		61	23223	Safety Detent Ball	
18	19673	Cam Pin		62	17514	Safety Spring	
19	17419	Connector, Left		63	17515	Safety Spring Retaining Pin	
20	17551	Connector, Right		64	18750	Sear	
21	17420	Connector Pin		65	17463	Sear Pin	
22	18357	Disconnecter		66	17518	Sear Spring	
23	19478	Disconnecter Spring		67	28590	Stock Assembly, (includes Stock, Butt Plate, Butt Plate Screw (2), Grip Cap, Grip Cap Screw)	
24	19946	Ejection Port Cover		68	28591	Stock Assembly, BDL Grade, R.H.	
25	16291	Ejector		69	19621	Stock Bearing Plate	
26	18325	Ejector Retaining Pin		70	18571	Stock Bolt	
27	16292	Ejector Spring		71	18572	Stock Bolt Lock Washer	
28	16254	Extractor		72	18573	Stock Bolt Washer	
29	27340	Extractor Rivet		73	25370	Trigger	
30	18326	Firing Pin		74	20610	Trigger Assembly (includes Trigger, Connector Right, Connector Left, Connector Pin)	
31	18382	Firing Pin Retaining Pin		75	17533	Trigger Pin	
32	19377	Firing Pin Retracting Spring		76	20095	Trigger Plate, Right Hand	
33	27870	Fore-end Assembly, (includes Fore-end, Fore-end Bushing, Fore-end Cap, Fore-end Reinforcement, Fore-end Reinforcement Support, Fore-end Screw, Fore-end Spacer)		77	20096	Trigger Plate, Left Hand	
34	15679	Fore-end Assembly, BDL Grade (includes Fore-end, Fore-end Cap, Fore-end Cap Spacer, Fore-end Reinforcement Assembly, Fore-end screw)		78	22070	Trigger Plate Assembly, R.H. (includes Disconnecter, Disconnecter Spring, Hammer, Hammer Pin, Hammer Plunger, Hammer Spring, Magazine Latch, Magazine Latch Spring, Safety, Safety Detent Ball, Safety Spring, Safety Spring Retaining Pin, Sear, Sear Pin, Sear Spring, Trigger Assembly, Trigger Pin, Trigger Plate, Trigger Plate Pin, Trigger Plate Pin Bushing, Front; Trigger Plate Pin Bushing, Rear; Trigger Plate Pin Detent Spring, Front; Trigger Plate Pin Detent Spring, Rear)	
35	15020	Fore-end Bushing		79	22071	Trigger Plate Assembly, L.H. (includes same components as Part No. 22070 except use Trigger Plate, L.H.)	
36	16304	Fore-end Cap		80	17417	Trigger Plate Pin Bushing, Front	
37	15021	Fore-end Screw		81	17541	Trigger Plate Pin Bushing, Rear	
38	16987	Fore-end Spacer		82	17539	Trigger Plate Pin Detent Spring, Front	
39	15034	Fore-end Spring		83	17540	Trigger Plate Pin, Detent Spring, Rear	
40	23805	Front Sight		84	20602	Trigger Plate Pin, Front	
41	28511	Front Sight Ramp		85	20607	Trigger Plate Pin, Rear	
42	28505	Front Sight Ramp Screw		86	16935	Chamber Cleaning Brush	
43	15002	Grip Cap					
44	25380	Grip Cap Screw					
45	18339	Hammer					
46	18455	Hammer Pin					
47	17465	Hammer Plunger					
48	19014	Hammer Spring					
49	21880	Magazine Assembly, 30-06 (includes Bolt Release Assembly, Bolt Release Button, Magazine, Magazine Follower, Magazine Spring)					

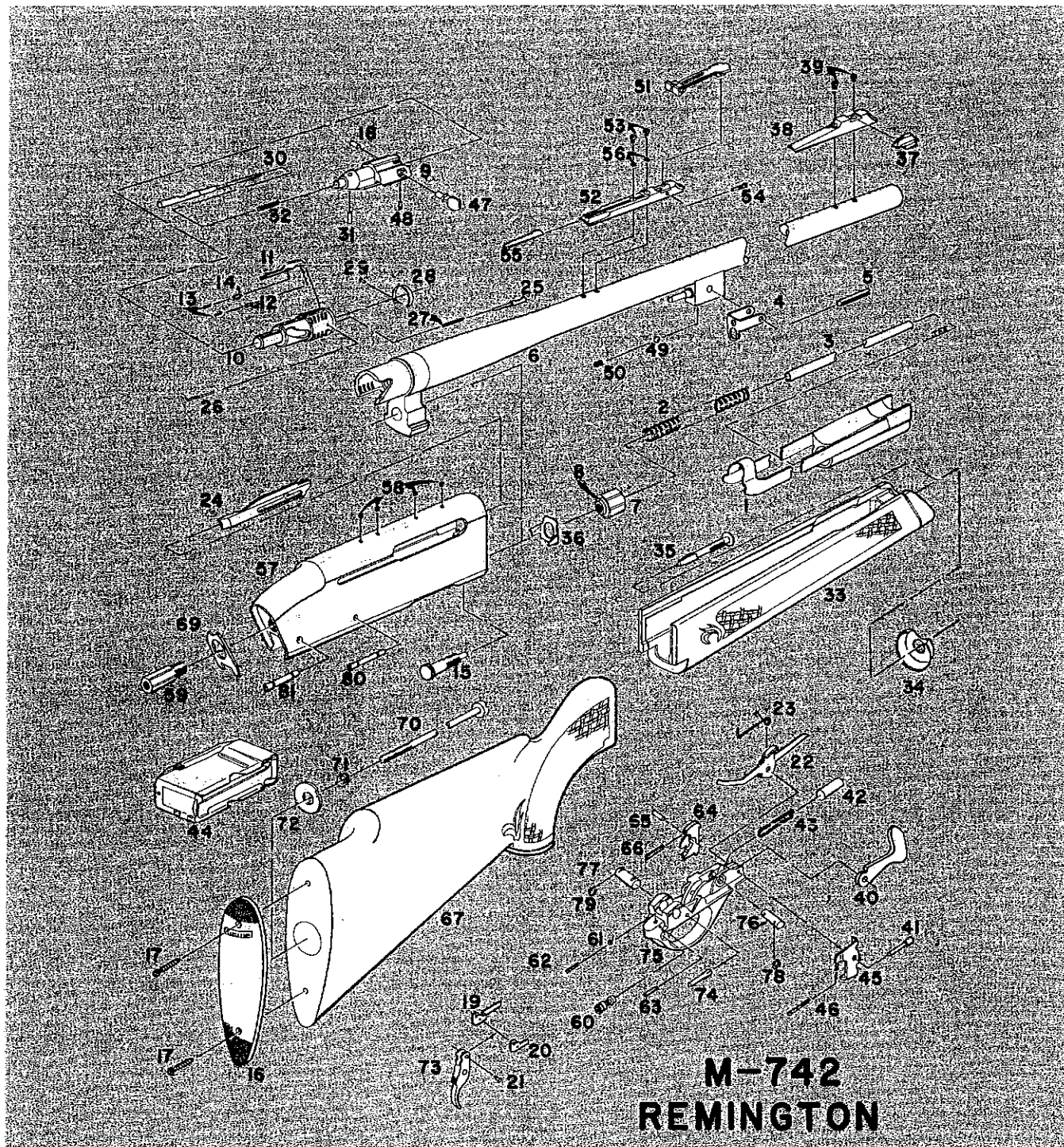
SECTIONAL VIEW
(BDL GRADE)

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**and
GRADES

(Not Shown in Sectional View)

Remington**Automatic • Big Game
RIFLE or CARBINE****COMPONENT PARTS****MODEL
742**

Part No.	NAME OF PART	List Price	Part No.	NAME OF PART	List Price
Model 742 Additional Calibers and Custom Built Grades (Not Shown in Sectional View)			Model 742 Carbine (Same as standard M/742 except as listed)		
NOTE: Part not listed same as 30-06 Caliber. See Page CF 30			26195	Barrel Assembly 30-06	}
21191	Action Bar Assembly, 308 Win.	\$	26196	Barrel Assembly, 308 Win.	
24626	Barrel Assembly, 308 Win.		25750	Front Sight	\$
24628	Barrel Assembly, 280 Rem.		25751	Front Sight, Low	
24630	Barrel Assembly, 6mm Rem.		SUPERSEDED ACCESSORIES		
16999	Barrel Take Down Nut, 308 Win., 6mm Rem.		25574	Sling Strap Assembly and Mountings Complete	\$
23737	Magazine Assembly, 308 Win. (also Filler Piece)		Consists of:		
21882	Magazine Assembly, 280 Rem.		20215	Sling Strap Assembly, 1 inch	
23739	Magazine Assembly, 6mm Rem.		23706	Front Swivel Assembly	
14472	Butt Plate, BDL Grade		20895	Stock Swivel Rear Assembly	
14473	Butt Plate Spacer, BDL Grade		SUPERSEDED PARTS		
15697	Grip Cap, BDL Grade		26197	Barrel Assembly, 280 Rem. (Carbine)	Price on Application
15696	Grip Cap Spacer, BDL Grade		23550	Fore-end Assembly, A Grade	\$
			23695	Fore-end Assembly, ADL Grade (includes Front Swivel Assembly also)	
			16596	Fore-end Screw Washer, ADL Grade	
			25313	Rear Sight Base	
			21486	Receiver Assembly, ADL Grade	
			24660	Stock Assembly, A Grade (includes Stock, Butt Plate, Butt Plate Screw (2))	
			24686	Stock Assembly, ADL Grade (includes Grip Cap, Grip Cap Screw, Stock Swivel Rear Assembly also)	
			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	
			26555	Swivel Assembly (2), Q.D.	
			15358	Rear Swivel Screw, Q.D.	

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

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