



**MODEL 591 and 592
BOLT ACTION RIFLES**

- Shooting Safety Commandments
- Information
- Instructions for Operation & Care of Rifle
- Components Parts Listing

NOTE: We are pleased to accommodate your request for the Model 591 and 592 Bolt Action Rifles information. The following documentation represents all information available on this model from Remington.

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.

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Remington



BOLT ACTION RIFLES

Caliber:

**5mm REMINGTON
RIM FIRE MAGNUM**

**CLIP MAGAZINE
TUBE MAGAZINE**

**MODELS
591M
592M**

CAUTION: Do Not Use 22 Caliber Cartridges in These Rifles

INSTRUCTION FOLDER and PARTS LIST

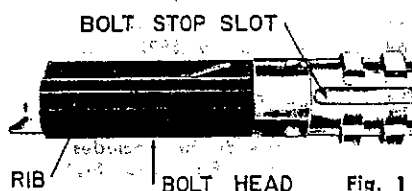


Fig. 1

TO COCK BOLT — Bolt must be cocked to put into rifle. Should bolt become uncocked, cocking piece (Fig. 2) will snap forward into cocking cam in rear of bolt. Slide cocking piece rearward (it is recommended that vise jaws or other suitable clamping be used) and rotate bolt plug clockwise or lift bolt handle until cocking piece will snap into detent on rear edge of bolt.

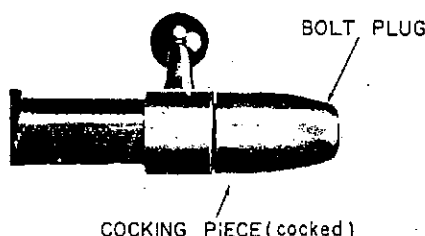


Fig. 2

This instruction folder can be used for the Remington Model 591 and the Model 592. Both models are chambered for the new caliber 5mm Rem. Rim Fire Magnum cartridge. The Model 591 is a clip fed repeater and the Model 592 a tubular repeater. Extra magazines are available for the Model 591.

TO PUT BOLT IN RIFLE — Align bolt stop slot on bolt body (Fig. 1) with rib on bottom (flat) of bolt head. Rotate and hold safety (Fig. 3) completely forward. With firing pin on top of bolt head (in 12 o'clock position) insert and push bolt forward into receiver. When locking lugs on bolt are no longer visible, safety may be released.

TO FIRE AND EJECT — Caution: Before firing make sure barrel bore is free of heavy oil, grease, snow or any obstruction. Be sure rifle is pointed where you want to shoot. Rotate safety to forward stop position marked "F" on receiver. Trigger can be pulled and rifle fired. To eject fired case, lift bolt handle and pull bolt fully rearward.

SAFETY — (Fig. 3) Rotate safety to rear stop position marked "S" on receiver. Trigger cannot be pulled to fire rifle.

TO SINGLE LOAD — The Model 591 (clip fed) and Model 592 (tubular fed) can both be single loaded by merely placing cartridge directly into chamber and closing bolt.

TO LOAD MAGAZINE — The Model 591 clip magazine may be removed by pushing rearward on magazine latch (Fig. 4) and pulling clip from bottom of rifle. Load cartridges into magazine. When fully loaded, magazine will hold four (4) cartridges. Important: Do not overload magazine. To reassemble magazine into rifle, fit channel opening on back of magazine over end of magazine guide. Push magazine upward until locked into place by magazine latch. To load the Model 592 tubular magazine, turn and unlock knurled plug at front end of tube. Pull tube forward from magazine until loading port in magazine is open. Load cartridges into port, bullet end forward. Magazine is loaded to capacity when

bullet end of last cartridge shows port. Close tube over cartridges rotating plug to magazine. Important: Magazine plug will not lock easily into magazine, if magazine is overloaded.

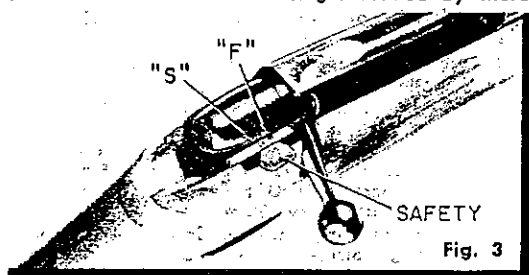


Fig. 3

bullet end of last cartridge shows port. Close tube over cartridges rotating plug to magazine. Important: Magazine plug will not lock easily into magazine, if magazine is overloaded.

TO UNLOAD CHAMBER — Raise bolt handle, open action and remove cartridge from barrel chamber, remove magazine.

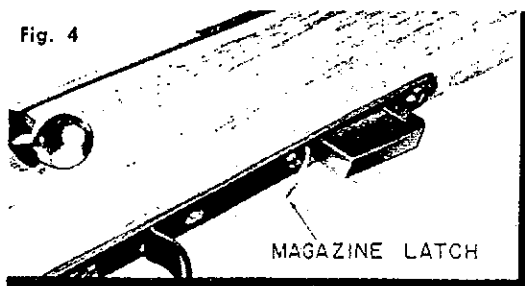
TO UNLOAD MAGAZINE — The Model 591 clip magazine may be easily unloaded after being removed from rifle. Carefully slide cartridges forward and out of magazine. The Model 592 tubular magazine is unloaded simply. Unlock and pull tube from magazine. Tilt muzzle downward to allow live cartridges to slide from magazine. Caution: After replacing and locking tube into empty magazine, open and close action repeatedly to remove any cartridges remaining in action or chamber. End of magazine follower can be seen from open action position when action is empty.

CAUTION: Open action and check shell chamber in breech of barrel and magazine to make sure no rounds remain in rifle.

TO REMOVE BOLT — Lift bolt handle and pull bolt rearward to bolt stop. Rotate and hold safety completely forward and withdraw bolt from rifle.

BARREL CLEANING AND CARE — Remove bolt. Wipe bore with cleaning patch. It is important that bore be cleaned from breech to muzzle to prevent shooting residue in barrel from falling into action. Use lightly oiled cloth patch after cleaning. Wire brush, if necessary, with powder solvent.

Fig. 4

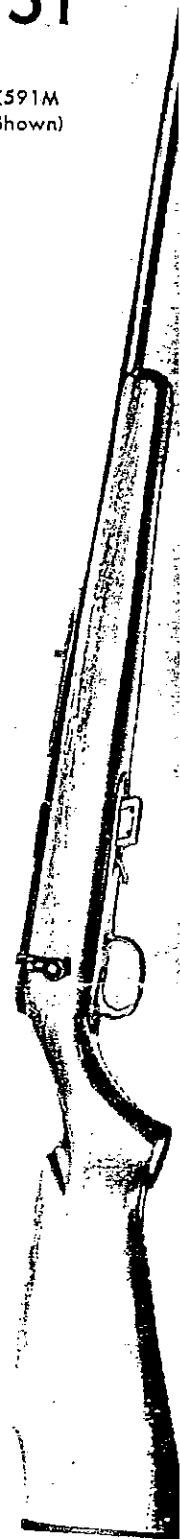


MAGAZINE LATCH

ACTION CLEANING AND CARE — Should it be necessary to clean action, stock should be removed. Unscrew take-down screw and remove stock. Wash action with petroleum solvent, such as kerosene. Wipe clean and re-oil lightly. **COCKING CAM SURFACES ON BOLT SHOULD BE KEPT LUBRICATED. DO NOT REMOVE RECEIVER COVER.**

When shooting in freezing weather, remove excess oil and use dry graphite as lubricant.

(591M
Shown)



EXPLODED VIEW

Remington

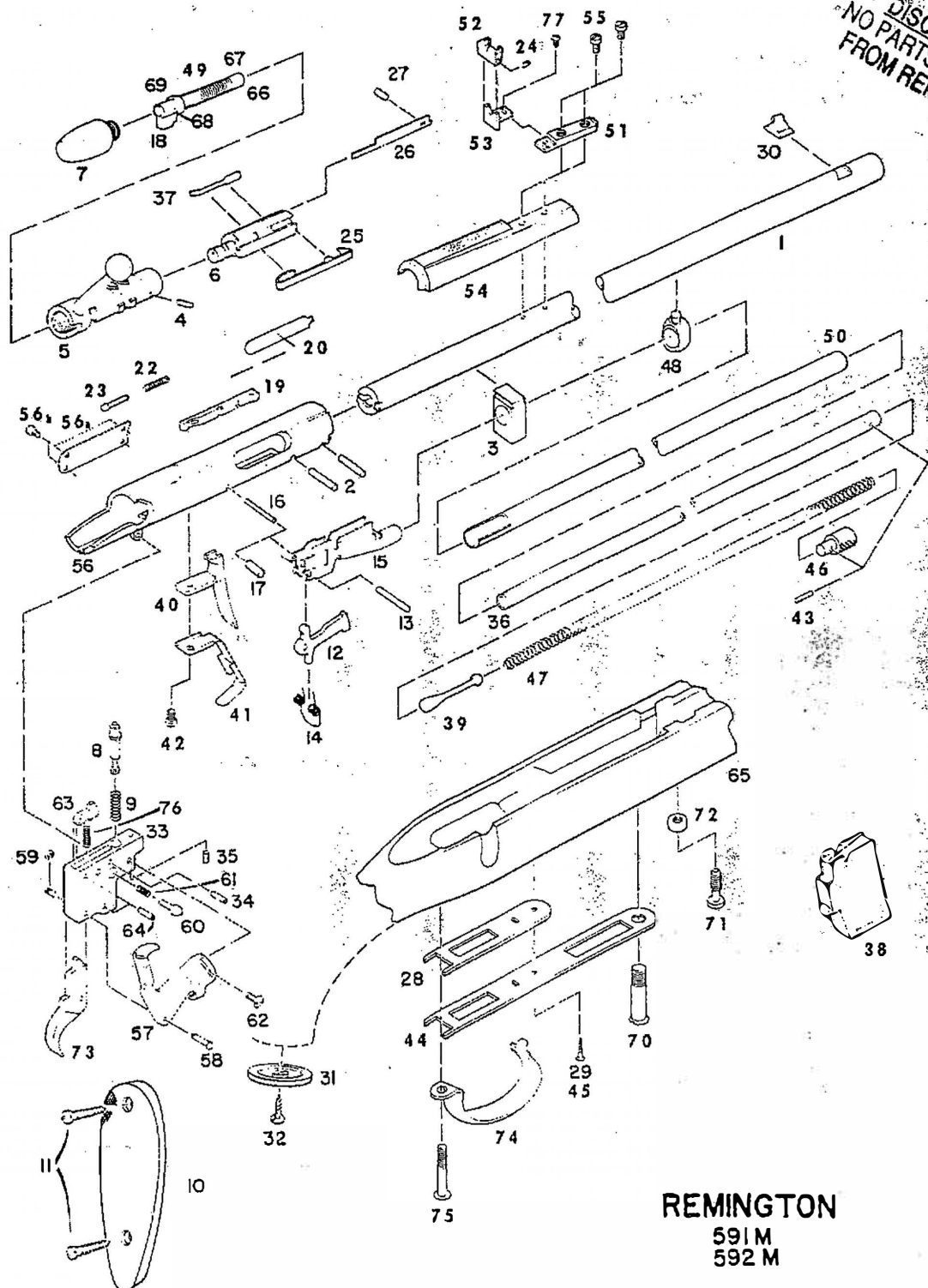
BOLT ACTION RIFLES

MODEL

591M

592M

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



DISCONTINUED
NO PARTS AVAILABLE
FROM REMINGTON

REMINGTON

591M
592M