

# MOSSBERG 151K .22 Caliber Auto-Loading/Bolt Action Rifle

(Production: 1950-1951)



This is an updated manual comprising of all data for the Mossberg 151K, and includes information on the 151M, 151M(a), 151M-B, 151M-C.

**UPDATED MANUAL DATE: FEB 2010**

**VARIOUS SOURCES UTILIZED, INCLUDING ORIGINAL DOCUMENTATION**



MODEL

# 151K

## .22 CALIBER AUTO-LOADING BOLT ACTION RIFLE

### FEATURES

1. 24" round barrel accurately rifled, crowned muzzle. Chambered for .22 LONG RIFLE standard or High speed ammunition, handles either lubricated or dry cartridge.
2. Streamlined Monte Carlo stock with plastic butt plate and molded trigger guard with finger grooves.
3. 15 Shot magazine capacity — STRAIGHT-LINE feed through the stock.
4. New style positive safety—holds bolt away from cartridge and locks both trigger and sear.
5. Receiver milled with dovetail slots for our new No. 4 scope mount. A very rigid mount—easily removed and replaced without changing the adjustments.
6. Self loading and ejecting. Shoots 15 shots as fast as the trigger can be pulled. Sufficient weight to prevent whip, for better accuracy.
7. Post type front sight.
8. Open sporting rear sight.



DESIGN PATENT 110729  
OTHER PATENTS PENDING  
FORM 978

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## INSTRUCTIONS INSIDE



*The 151K is a very well made .22 rifle, designed to be fired for a long time (1000 rounds or more) before it is necessary to be cleaned. It is still recommended that it be thoroughly cleaned and lightly oiled after each use, or at least every 500 rounds. If cared for properly, this firearm will last many lifetimes.*

**Ammunition** – Use only .22 long rifle high speed or regular cartridges, either dry or lubricated, except hollow points. **DO NOT** attempt to use short or longs.

**To Assemble** – Set barrel into stock, being sure that SEAR PIN goes into TRIGGER SLOTS. Then slide BARREL forward until MAGAZINE HOUSING engages in CROSS SLOTS in receiver. Press and hold barrel into stock and tighten TAKE DOWN SCREW securely.

**To Load** – Quarter turn MAGAZINE PLUG (located at base of butt stock) and pull out inside magazine tube until follower is clear of loading port. Then insert 15 or less Long Rifle cartridges through loading hole in stock. Be sure to have the lead bullets pointing forward toward barrel. Next, push the MAGAZINE PLUG back inside tube and lock by turning. With a reasonably fast motion, pull COCKING KNOB (lever) rearward as far as possible and let it go. This movement will insert the first cartridge in chamber and the rifle is ready to fire. From this point on it is only necessary to pull trigger for each shot until magazine is empty. The cartridges will be automatically ejected as each round is fired. A special safety sear prevents the hammer from falling until the action is sufficiently closed. If at any time the trigger does not release the hammer, PUSH FORWARD ON COCKING KNOB to close action and thus release the sear.

**Safety** - This rifle is fitted with a (new type of) safety which is absolutely positive and convenient. TO PLACE THE RIFLE ON SAFE, simply pull back on the “cocking knob/lever” pushing IN on it at the same time. After it has traveled about ¼”, the cocking knob will fall into the recess in the receiver and thus hold the action open. The rifle is impossible to fire with the bolt in this position. You will also be able to see if there is a cartridge in the chamber. TO TAKE OFF SAFE, pull out on cocking lever and the action will go forward to a closed position.

**To Lock Action Open** – Pull COCKING KNOB/LEVER all the way back and press sleeve on cocking knob into recess “V” at rear of receiver slot.

**When Removing Loaded Cartridges From Magazine** - If the action is open on safe or locked fully open, be sure that the first cartridge held by the cartridge lift IS REMOVED and the rifle chamber no longer has any rounds in it.

**To Take Down** – Loosen the TAKE DOWN SCREWS and lift barrel upward.

**To Remove Bolt** – First place the rifle on “safe” by pulling COCKING KNOB back and pressing down into SAFETY HOLE. Remove the INSIDE MAGAZINE TUBE and insert the knob on the end of the tube into the slot in the BREECH CAP. Using the magazine tube as a

screwdriver, unscrew and remove the BREECH CAP, then take off “safe” by pressing forward slightly on COCKING KNOB/LEVER and lifting out of safety hole. Slide the bolt back until the COCKING KNOB/LEVER lines up with the hole in the receiver. Remove the COCKING KNOB/LEVER by lifting straight out. Grasp the RETRACTING SPRING BUSHING which now projects from the rear end of the receiver and slide the BOLT out.

**To Disassemble the Bolt** – Drive out PIN after which all bolt parts can be taken apart. Lift up the front end of FIRING PIN and slide forward to remove it.

**To Reassemble the Bolt** – First place FIRING PIN in SLOT with the square end to the rear and the curved notch down. Place the RETRACTING SPRING PLUNGER in the RETRACTING SPRING BUSHING so that the head of the plunger goes into the cup of the bushing. Slide the RETRACTING SPRING and MAINSPRING over the plunger. Slide the HAMMER over the RETRACTING SPRING with the large hole of the hammer toward the rear so that it goes over the front section of the MAINSPRING. Now push the RETRACTING SPRING and PLUNGER into the bolt until the hole in the plunger lines up with hole in the bolt. Keep the two holes lined up and push PIN into the hole.

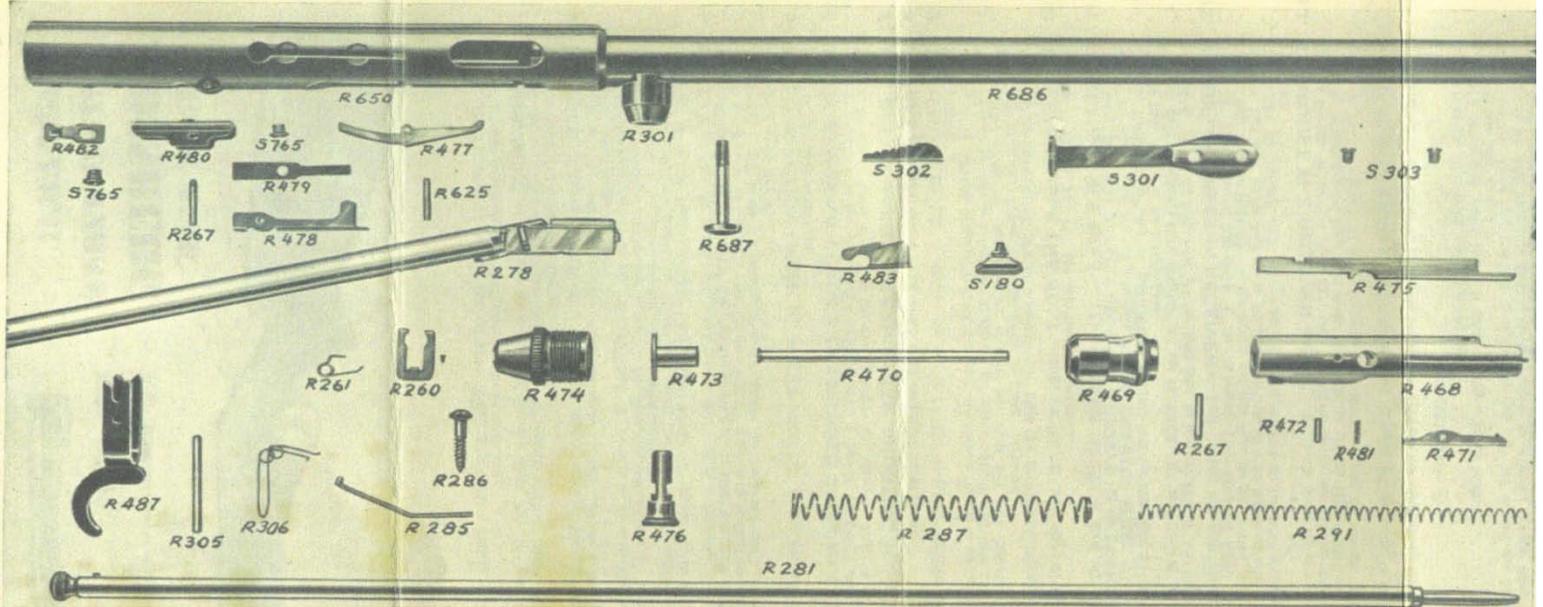
**To Replace Bolt in Receiver** – Hold the bolt with firing pin on top and slide bolt into receiver until HOLE in bolt lines up with HOLE in the receiver. Place COCKING KNOB/LEVER in the hole and line up slots in cocking knob/lever with the slot in the receiver, and then slide the bolt forward. Pull the trigger (or if the stock is not on the rifle, push down on the front end of the sear) to allow the bolt to fully slide in place. Replace the BREECH CAP – again inserting the knob on the inside magazine in slot in cap and using magazine tip as screwdriver.

**To Adjust the Receiver Sight** - If the rifle shoots low, raise the rear sight leaf by sliding the elevation slide to the rear. If the rifle shoots high, lower the leaf by sliding the elevation slide forward. If it shoots left, loosen the windage sighting plate screw and move the windage sighting plate to the right and tighten screw. If it shoots right, loosen the windage sighting plate screw and move the windage sighting plate to the left and tighten screw.

This rifle was tested at the factory for accuracy and the sights set, but due to differences in ammunition and personal eye-stock weld preference (method of holding to cheek), it may be necessary to adjust the sights. When setting the sights, try to use the same type of ammunition that you will every time you shoot the rifle.

**DON'T BLAME THE GUN:** All .22 semi automatic rifles are solely dependent upon pressures to operate the action. Occasionally you may find a cartridge too weak to operate the action because its pressure is not up to standard. By using different ammunition, or another lot of the same type, you will find that the rifle is not the problem.

## PARTS LIST — MOSSBERG MODEL 151K



### SUGGESTIONS

If hammer is cocked there will be an opening in the rear of cocking knob slot in the receiver.

Do not remove outside magazine tube. This feeding mechanism is accurately adjusted to gages at the factory and could easily be distorted when out of the stock.

A clean gun works better. Clean after 500 rounds or as periodically as possible. Misfires are usually caused by a dirty action.

Keep takedown screws tight. This means spot checking on intervals before each use.

Clean action with approved solvents using bristle brush.

Always point your rifle in a safe direction and treat it as if it were loaded, even if you know it has no ammunition in the chamber or magazine tube!