



Savage[®] Arms

The Definition of Accuracy

Safe ownership is your responsibility. Please thoroughly read and understand this manual before loading your firearm.

Keep firearms and ammunition away from children. Lock unloaded firearms and ammunition securely in separate locations.

This manual should always accompany your firearm and be transferred with it upon change of ownership. This is your responsibility and may protect you from future liability.

**100 Springdale Road
Westfield, MA 01085**

INSTRUCTION MANUAL

Model 10/110 'LE Series' & Model 12/112 Target/Varmint Series

IMPORTANT! DO NOT ATTEMPT TO LOAD AND SHOOT YOUR RIFLE UNTIL YOU HAVE THOROUGHLY READ THIS INSTRUCTION MANUAL AND ARE FULLY FAMILIAR WITH ITS CONTENTS

For more information, please visit our web site at www.savagearms.com

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Model 10 / 110 'LE Series' and Model 12 / 112 Target / Varmint Series

Congratulations on the purchase of your new firearm. You are now part of the Savage Sports Corporation family of quality firearms and archery equipment/accessories, which includes Savage Arms, Inc., Savage Arms (Canada), Stevens, Fox, and BowTech. With reasonable care, your firearm should deliver years of reliable service and perform to our "definition of accuracy".

THIS MANUAL IS EXTREMELY IMPORTANT.

The safety warnings and instructions in this manual are very important. By understanding the dangers involved in the use of any firearm and by taking the necessary precautions, you can use your Savage firearm in complete safety. However, failure to read, understand, and obey any of the warnings may result in serious injury or death to you or others, as well as severe damage to the firearm or other property.

This manual should always accompany your firearm and be transferred with it upon change of ownership. This is your responsibility and may protect you from future liability.

Savage Arms offers firearms designed in two ways: SIDE BOLT RELEASE and BOTTOM BOLT RELEASE. It is important to identify which firearm you have purchased and follow the appropriate section in the INSTRUCTION MANUAL. There are major differences between the two (i.e. bolt installation, stock removal/installation, etc) and it is the user's

responsibility to read and understand them in their entirety. IF YOU USE IT IMPROPERLY – IT WILL NOT WORK. MORE IMPORTANTLY, IF YOU USE IT IMPROPERLY – SOMEONE MAY BE SERIOUSLY INJURED. IN BOTH CASES, THE KEY WORD IS YOU!

For your convenience, SECTION 3 describes the bottom bolt release and SECTION 4 describes the side bolt release. All of the other sections are common for both.

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Although considerable time and effort were put into assuring the accuracy of the information contained herein, human errors do occur. If an error is found, please let us know. As a 'customer driven' company, we appreciate and encourage feedback.

The following patents apply to the firearms contained in this manual: AccuTrigger™ - patent number US 6,553,706B1.

SECTION 1 – SAFETY FIRST – IT'S YOUR RESPONSIBILITY

Above all – remember that a firearm is a mechanical device. It can not think, it can not act on its own – it only does what **YOU MAKE IT DO**. A mechanical device has no way to know if your actions are safe or if they will result in injury or death – **THAT'S YOUR PART!** It only takes one careless second to result in a tragedy that you will have to live with the rest of your life. **MAKE NO DOUBT ABOUT IT**, owning and/or using a firearm puts **YOU** in full control of its actions and **THEIR CONSEQUENCES!**

10 COMMANDMENTS OF SHOOTING SAFETY

FOR MORE INFORMATION, PLEASE VISIT OUR WEB SITE AT: **WWW.SAVAGEARMS.COM**

(The following excerpts are from SAAMI bulletin #081 1MM 7/97 BP. The entire booklet can be obtained by calling: NATIONAL SHOOTING SPORTS FOUNDATION, 11 MILE HILL ROAD, NEWTOWN, CT 06470)

FIREARMS SAFETY DEPENDS ON YOU!

FROM THE TIME YOU PICK UP A FIREARM, YOU BECOME PART OF A SYSTEM OVER WHICH YOU HAVE COMPLETE CONTROL. YOU ARE THE ONLY PART OF THE SYSTEM THAT CAN MAKE A GUN SAFE – OR UNSAFE.

You can help meet this responsibility by enrolling in hunter safety or shooter safety courses, if you

have not already done so. You must constantly stress safety when handling firearms, especially to children and non-shooters. Develop safe shooting habits and remember, firearms safety is up to you. Make no mistake about it.

ALCOHOL, DRUGS AND GUNS DON'T MIX

1. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION

This is the most basic safety rule. If everyone handled a firearm so carefully that the muzzle never pointed at something they didn't intend to shoot, there would be virtually no firearm accidents. It's as simple as that, and it's up to you.

Never point your gun at anything you do not intend to shoot. A safe direction means a direction in which a bullet cannot possibly strike anyone, taking into account possible ricochets and the fact that bullets can penetrate walls and ceilings. Even when "dry firing" with an unloaded gun, you should never point the gun at an unintended target.

This is your responsibility, and only you can control it.

2. FIREARMS SHOULD BE UNLOADED WHEN NOT ACTUALLY IN USE

Firearms should be loaded only when you are in the field or on the target range or shooting area, ready to shoot. When not in use, firearms and ammunition should be secured in a safe place, separate from each other. It is your responsibility to prevent children and inexperienced adults from gaining access to

firearms or ammunition. A loaded gun has no place in or near a vehicle or building.

Whenever you handle a firearm or hand it to someone, always open the action immediately, and visually check the chamber, receiver and magazine to be certain they do not contain any ammunition. Never assume a gun is unloaded – check for yourself! While in the field, there will be times when common sense and the basic rules of firearms safety will require you to unload your gun for maximum safety. When in doubt, unload your gun!

3. DON'T RELY ON YOUR GUN'S "SAFETY"

Treat every gun as though it can fire at any time, regardless of pressure on the trigger. The "safety" on any gun is a mechanical device, which, like any such device, can become inoperable at the worst possible time. The safety serves as a supplement to proper gun handling but cannot possibly serve as a substitute for common sense.

Never touch the trigger on a firearm until you actually intend to shoot.

Your firearm is a precision instrument. Regardless of the position of the safety, any bump strong enough to actuate the firing mechanism of a gun can cause it to fire. The only time you can be absolutely certain that a gun cannot fire is when the action is open and it is completely empty. You and the safe gun handling procedures you have learned are your gun's primary safeties.

4. BE SURE OF YOUR TARGET AND WHAT'S BEYOND IT

No one can call a bullet back. Don't shoot unless you know exactly what your bullet is going to strike. Be sure that your bullet will not injure anyone or anything beyond your target. You should keep in mind how far a bullet will travel if it misses your intended target or ricochets in another direction.

Be aware that even a .22 short bullet can travel over 1¼ miles and a high velocity shell, such as a 30-06, can project a bullet more than 3 miles. Shotgun pellets can travel 500 yards, and shotgun slugs have a range of over a half-mile.

5. USE CORRECT AMMUNITION

You must assume the serious responsibility of using only the correct ammunition for your firearm. Read and heed all warnings, including those that appear in the gun's instruction manual and on the ammunition boxes. Using improper or incorrect ammunition can destroy a gun and cause serious personal injury. It only takes one shell of improper caliber or gauge to wreck your gun, and only a second to check each one as you load it. Be absolutely certain that the ammunition you are using matches the specifications that are contained within the gun's instruction manual and the manufacturer's markings on the firearm barrel.

Hand loaded or reloaded ammunition deviating from pressures generated by factory loads or from competent recommendations specified in

reputable hand loading manuals can be dangerous, and can cause severe damage to guns and serious injury to the shooter.

Ammunition that has become very wet or has been submerged in water should be discarded in a safe manner. Do not spray oil or solvents on ammunition or place ammunition in excessively lubricated firearms.

Form the habit of examining every shell you put in your gun. Never use damaged, old or questionable ammunition – the money you save is not worth the risk of possible injury or a ruined gun.

DISCHARGING FIREARMS IN POORLY VENTILATED AREAS, CLEANING FIREARMS OR HANDLING AMMUNITION MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES KNOWN TO CAUSE BIRTH DEFECTS, REPRODUCTIVE HARM AND OTHER SERIOUS PHYSICAL INJURY. HAVE ADEQUATE VENTILATION AT ALL TIMES. WASH HANDS THOROUGHLY AFTER EXPOSURE.

6. IF YOUR GUN FAILS TO FIRE WHEN THE TRIGGER IS PULLED, HANDLE WITH CARE!

Occasionally, a loaded gun may not fire when the trigger is pulled. If this occurs, keep the muzzle pointed in a safe direction. Keep your face away from the breech. Then, carefully open the action, unload the firearm and dispose of the shell in a safe way.

Any time there is a shell in the chamber, your gun is loaded and ready to fire - even if you've tried to shoot and it did not go off. It could go off at any time, so you must always remember **RULE #1 and WATCH THAT MUZZLE!**

7. ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING

All shooters should wear protective shooting glasses and some form of hearing protectors while shooting. Exposure to shooting noise can damage hearing, and adequate vision protection is essential. Wearing eye protection when disassembling and cleaning any gun will also help prevent the possibility of springs, spring tensioned parts, solvents or other agents from contacting your eyes. No target shooter, plinker or hunter should ever be without them.

8. BE SURE THE BARREL IS CLEAR OF OBSTRUCTIONS BEFORE SHOOTING

Before you load your firearm, open the action and be certain that there is no shell in the chamber. Then glance through the barrel to be sure it is clear of any obstruction. Even a small bit of mud, snow, excess lubricating oil or grease in the bore can cause dangerously increased pressure, causing the barrel to bulge or even burst when firing, which can cause injury to the shooter and bystanders. Make it a habit to clean the bore with a cleaning rod and patch to wipe away anti-rust compounds in the gun each time immediately before you shoot it. If the noise or recoil on firing seems weak or doesn't seem quite

“right”, cease firing immediately and be sure to check that no obstruction or projectile has become lodged in the barrel.

9. DON'T ALTER OR MODIFY YOUR GUN, AND HAVE GUNS SERVICED REGULARLY

Firearms are complicated mechanisms, which are designed by experts to function properly in their original condition. Any alteration or change (other than adjusting the AccuTrigger™) made to a firearm after manufacture can make the gun dangerous and will usually void any factory warranties. Do not jeopardize your safety or the safety of others by altering the trigger, safety or other mechanism of any firearm or allowing unqualified person's to repair or modify a gun.

Your gun is a mechanical device, which will not last forever and is subject to wear. As such, it requires periodic inspection, adjustment and service.

10. LEARN THE MECHANISM AND HANDLING CHARACTERISTICS OF THE FIREARM YOU ARE USING

Not all firearms are the same. Consequently, never handle any firearm without first having thoroughly familiarized yourself with the particular type of firearm you are using, the safe gun handling rules for loading, unloading, carrying and handling that firearm, and the rules of safe gun handling in general. Locate the firearm's mechanical safety device and get familiar with the feel and “on/off” positions.

You should always read and refer to the instruction manual you received with your gun, or if you have misplaced the manual, simply contact the manufacturer for a free copy.

Having a gun in your possession is a full-time job. You cannot guess; you cannot forget. You must know how to use, handle, and store your firearm safely. Do not use any firearm without having a complete understanding of its particular characteristics and safe use. There is no such thing as a foolproof gun.

SECTION 2 – THREE POSITION SAFETY

FOR MORE INFORMATION, PLEASE VISIT OUR WEB SITE AT:

WWW.SAVAGEARMS.COM

PRIOR TO LOADING OR OPERATING, FAMILIARIZE YOURSELF THOROUGHLY WITH THESE OPERATING INSTRUCTIONS AND THE MAIN PARTS OF YOUR FIREARM.

YOUR GUN IS A MECHANICAL DEVICE WHICH WILL NOT LAST FOREVER AND IS SUBJECT TO WEAR. WHEN SOMETHING DOES NOT SOUND, FEEL, OR LOOK RIGHT, SEEK THE ADVICE OF A PROFESSIONAL GUNSMITH IMMEDIATELY. NEVER TAKE A CHANCE.

FAILURE TO OBEY A SAFETY WARNING MAY RESULT IN INJURY TO YOU OR OTHERS.

KNOW HOW TO LOCATE AND OPERATE THE SAFETY MECHANISM.

THOROUGHLY CLEAN THE INSIDE OF THE BARREL AND CHAMBER PRIOR TO LOADING WITH AMMUNITION.

THE USE OF RELOADS, HANDLOADS, MILITARY SURPLUS, OR ANY OTHER COMMERCIAL/ NONCOMMERCIAL AMMUNITION NOT MANUFACTURED TO SAAMI (SPORTING ARMS AND AMMUNITION MANUFACTURERS' INSTITUTE, INC.)/ ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE) SPECIFICATIONS WILL VOID THE WARRANTY.

ALWAYS BE SURE THE FIREARM (ESPECIALLY THE END OF THE BARREL) IS FREE AND CLEAR OF ANY OBSTRUCTIONS THAT MAY RESTRICT (OR SLOW DOWN) THE BULLET FROM LEAVING THE MUZZLE AT ITS NORMAL RATE OF SPEED. THIS INCLUDES SNOW, WATER, BRUSH, SHRUBS, STICKS, LEAVES AND DEBRIS TO NAME A FEW. NEVER PLACE THE END OF A BARREL OR SUBMERGE A FIREARM UNDER WATER. RESTRICTING, SLOWING, OR STOPPING THE BULLET FROM LEAVING THE MUZZLE WILL CREATE AN EXCESSIVE AMOUNT OF PRESSURE TO BUILD UP BEHIND IT AND MAY LEAD TO EXTENSIVE DAMAGE TO THE FIREARM AND PERSONAL INJURY TO THE SHOOTER AND/OR BYSTANDERS. SAFE OPERATION IS YOUR RESPONSIBILITY AND CAN ONLY BE CONTROLLED BY YOU!

KNOW EXACTLY WHERE YOU ARE POINTING THE BARREL OF A FIREARM AND WHY!

IT IS SO IMPORTANT TO STRESS THAT A FIREARM IS NO MORE THAN AN ASSEMBLY OF MANY DIFFERENT COMPONENTS – A MECHANICAL DEVICE. AS SUCH, YOU ARE THE ONLY SAFETY MECHANISM THAT CAN PREVENT AN ACCIDENT.

The safety on your Model 10 / 110 'LE Series' and Model 12 / 112 Target / Varmint Series has three positions:

- **SAFE** - Pull safety button towards shooter (trigger blocked – bolt cannot be opened).
- **MID POSITION** (trigger blocked – bolt can be opened).
- **SAFETY OFF - READY TO FIRE**. Push safety button away from shooter.

FULL SAFE

1. The safety is in the *FULL SAFE* position when it has been moved fully rearward, covering the red "F" (see *FIGURE 1*).
2. The safety should be moved into the *FULL SAFE* position when the bolt has been closed and the firearm is ready to fire.
3. In the *FULL SAFE* position, the trigger is blocked from moving and the bolt cannot be opened.



FIGURE 1
(SIDE BOLT RELEASE MODEL SHOWN)
WHEN CARRYING A LOADED FIREARM, THE

SAFETY MUST ALWAYS BE IN THE FULL SAFE POSITION.

THE ONLY TIME YOU CAN BE ABSOLUTELY CERTAIN THAT A GUN CANNOT FIRE IS WHEN THE ACTION IS OPEN AND IT IS COMPLETELY EMPTY OF AMMUNITION.

MID SAFE POSITION

MID POSITION ALLOWS THE BOLT TO BE OPENED AND CYCLED WHILE STILL BLOCKING THE TRIGGER

1. The safety will move to the *MID POSITION* when the following sequence is performed
 - lift the bolt handle
 - move the safety to the *FULL SAFE* position
 - push the bolt handle downward

WHEN IN DOUBT – NEVER ASSUME! WITH THE BOLT HANDLE FULLY UPWARD – THE BOLT PULLED TO THE REAR - THE MUZZLE POINTED IN A SAFE DIRECTION - THE SAFETY IN THE MID SAFE POSITION, THE TRIGGER SHOULD NOT HAVE ANY REARWARD MOVEMENT.

SAFETY OFF – READY TO FIRE

1. The safety is in the *OFF* position when moved fully forward, exposing the red "F" (see *FIGURE 2*).



FIGURE 2

(SIDE BOLT RELEASE MODEL SHOWN)

NEVER TRANSPORT/CARRY A LOADED FIREARM WITH THE SAFETY OFF.

SECTION 3 – BOTTOM BOLT RELEASE

INSTALLING AND REMOVING THE BOLT ASSEMBLY

BOLT ASSEMBLIES ARE SPECIFICALLY MATCHED TO A FIREARM. USING ANY OTHER BOLT ASSEMBLY MAY CAUSE EXTENSIVE DAMAGE TO THE FIREARM AND/OR SERIOUS INJURY TO THE SHOOTER OR BYSTANDER.

CERTAIN FIREARMS ARE SHIPPED WITH THE BOLT REMOVED AND PACKED IN A SEPARATE COMPARTMENT WITHIN THE BOX. BEFORE INSTALLING THE BOLT, VERIFY THAT THE 4 DIGITS ENGRAVED BY THE EXTRACTOR MATCH THE LAST 4 DIGITS OF THE SERIAL NUMBER ON THE RECEIVER.

BE SURE THERE IS NO AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE.

BOLT INSTALLATION – BOTTOM BOLT RELEASE (SEE FIGURE 3)

1. Rotate the FRONT BAFFLE (1) to line-up the BOLT GUIDE with the EXTRACTOR.
2. Pull the TRIGGER (2) fully rearward and hold it in that position.
3. **WITH NO AMMUNITION IN THE FIREARM**, insert the BOLT (3) into the firearm, pushing it forward.
4. Close the BOLT HANDLE (pushing downward) and verify that the “THREE POSITION SAFETY” is operational as explained in SECTION 2 of this manual.

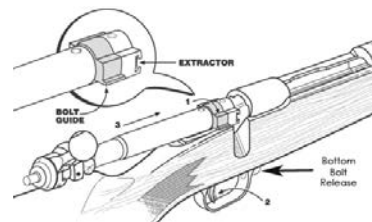


FIGURE 3

BOLT REMOVAL – BOTTOM BOLT RELEASE (see FIGURE 4)

1. With the muzzle pointed in a safe direction, move the safety forward to the SAFETY OFF – READY TO FIRE position.
2. Lift the bolt handle and pull fully to the rear.
3. **WITH NO AMMUNITION IN THE FIREARM**, pull the TRIGGER (1) fully rearward and hold it in that position.
4. Push the BOLT RELEASE (2) as far as it will go into the trigger guard.
5. Grasping the BOLT HANDLE, pull the bolt assembly fully rearward until it clears the receiver, being careful not to hit the stock. If it seems to bind or stop, be sure that the trigger has been pulled fully rearward first and then the BOLT RELEASE pushed as far as it will go into the trigger guard.

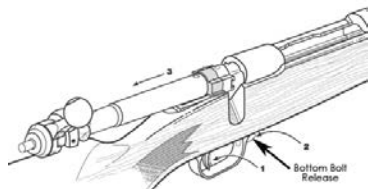


FIGURE 4

COCKING INDICATOR

THE MAIN PURPOSE OF THE COCKING INDICATOR IS TO VISUALLY SHOW WHEN THE FIREARM IS COCKED. THIS IS NOT A LOADED CHAMBER INDICATOR NOR A SAFETY DEVICE WHICH CAN BE RELIED ON TO PREVENT ACCIDENTAL DISCHARGE – THAT RESPONSIBILITY LIES SOLELY IN THE HANDS OF THE SHOOTER!

1. Cocked – when the tip of the indicator is protruding from the rear of the bolt (see FIGURE 5).
2. Uncocked – when the tip of the indicator is not protruding from the end of the bolt (see FIGURE 6).



FIGURE 5



FIGURE 6

REMOVING THE STOCK – DETACHABLE BOX MAGAZINE

BE SURE THE BOLT IS OPEN AND THERE IS NO LIVE AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE. LOOK AND FEEL WITH YOUR FINGER – THERE SHOULD BE NO DOUBT – THERE SHOULD BE NO QUESTION – THERE MUST BE NO AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE!

THE ONLY TIME YOU CAN BE ABSOLUTELY CERTAIN THAT A GUN CANNOT FIRE IS WHEN THE ACTION IS OPEN AND IT IS COMPLETELY EMPTY OF AMMUNITION.

1. Check again to be sure there is no ammunition in either the chamber or magazine.
2. Remove the DETACHABLE BOX magazine (see FIGURE 7).



FIGURE 7

3. With the muzzle pointed in a safe direction, close the bolt and pull the trigger (dry fire).

THE BOLT MUST REMAIN CLOSED AND THE ACTION UNCOCKED ('FIRED') THROUGHOUT THE ENTIRE PROCEDURE OF REMOVING THE STOCK AND THEN REINSTALLING THE ACTION.

4. Turn the firearm upside down, with the muzzle pointed away from you.
5. Push the BOLT RELEASE as far as it will go into the trigger guard to gain access to the rear action screw, located under the BOLT

RELEASE (see FIGURE 8).

6. Using a 5/32" Allen wrench, loosen and remove the two action screws securing the stock.

DO NOT REMOVE THE SCREW AT THE REAR OF THE TRIGGER GUARD. INTENDED MERELY TO HOLD THE TRIGGER GUARD IN PLACE, OVER TIGHTENING THIS SCREW WILL CAUSE DAMAGE TO THE STOCK.

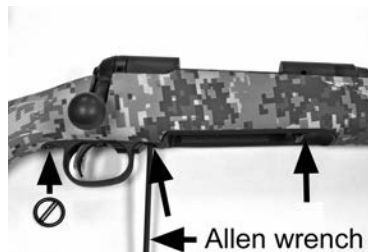


FIGURE 8

7. Remove the stock.

INSTALLING THE STOCK

BE SURE THE BOLT IS STILL CLOSED AND THE ACTION UNCOCKED ('FIRED') PRIOR TO PUTTING THE STOCK BACK ON.

1. Remove the magazine prior to reassembling the stock.
2. Place the action onto the stock, being careful to align the trigger with the trigger slot in the stock.

3. Install the action screws (longer screw is to the rear and the shorter screw is to the front) into the stock and turn the wrench clockwise until the threads of the screws just engage into the receiver. DO NOT OVER TIGHTEN – the stock must be loose at this step!
4. Carefully lift the firearm up so that the recoil pad is sitting on a solid surface and the barrel is pointing upward.
5. Putting downward pressure on the barrel to seat the recoil lug firmly in the stock, tighten the front action screw first and then the rear action screw securely.

DO NOT REMOVE THE SCREW AT THE REAR OF THE TRIGGER GUARD. INTENDED MERELY TO HOLD THE TRIGGER GUARD IN PLACE, OVER TIGHTENING THIS SCREW WILL CAUSE DAMAGE TO THE STOCK.

KNOW YOUR GUN! IF ANYTHING 'FEELS' OR SOUNDS DIFFERENT - STOP - AND HAVE A QUALIFIED GUNSMITH TAKE A LOOK! NEVER TAKE A CHANCE WITH SOMETHING THAT YOU ARE UNSURE OF ... ALWAYS ASK A PROFESSIONAL.

6. Cycle the bolt several times to be sure that it functions properly. If you are unable to close the bolt handle completely, the action screws are reversed.

IF THE BOLT RELEASE BUTTON IS JAMMED AFTER INSTALLING THE ACTION, PERFORM THE FOLLOWING STEPS: REMOVE THE ACTION SCREWS, REMOVE THE ACTION, LIFT THE BOLT HANDLE AND THEN CLOSE

IT (TO COCK THE ACTION), POINT THE MUZZLE IN A SAFE DIRECTION, PULL THE TRIGGER (DRY FIRE), AND THEN REINSERT THE ACTION BACK INTO THE STOCK.

AFTER REASSEMBLING THE STOCK, VERIFY THAT THE SAFETY OPERATES CORRECTLY IN ALL 3 POSITIONS AS DEFINED IN SECTION 2 – 'THREE POSITION SAFETY' OF THIS MANUAL. SAFE OWNERSHIP IS YOUR RESPONSIBILITY!

SECTION 4 – SIDE BOLT RELEASE

INSTALLING AND REMOVING THE BOLT ASSEMBLY

BOLT ASSEMBLIES ARE SPECIFICALLY MATCHED TO A FIREARM. USING ANY OTHER BOLT ASSEMBLY MAY CAUSE EXTENSIVE DAMAGE TO THE FIREARM AND/OR SERIOUS INJURY TO THE SHOOTER OR BYSTANDER.

CERTAIN FIREARMS ARE SHIPPED WITH THE BOLT REMOVED AND PACKED IN A SEPARATE COMPARTMENT WITHIN THE BOX. BEFORE INSTALLING THE BOLT, VERIFY THAT THE 4 DIGITS ENGRAVED BY THE EXTRACTOR MATCH THE LAST 4 DIGITS OF THE SERIAL NUMBER ON THE RECEIVER.

BE SURE THERE IS NO AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE.

BOLT INSTALLATION (SEE FIGURE 9)

1. Rotate the FRONT BAFFLE (1) to line-up the BOLT GUIDE with the EXTRACTOR.
2. Pull the TRIGGER (2) fully rearward and hold it in that position.
3. Press down on the COCKING INDICATOR (3) – also known as the “SIDE BOLT RELEASE”
4. **WITH NO AMMUNITION IN THE FIREARM**, insert the BOLT (4) into the firearm, pushing it forward.
5. Close the BOLT HANDLE (pushing downward) and verify that the “THREE POSITION

SAFETY” is operational as explained in SECTION 2 of this manual.

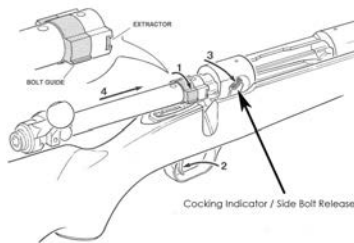


FIGURE 9

BOLT REMOVAL (see FIGURE 10)

1. With the muzzle pointed in a safe direction, move the safety forward to the SAFETY OFF – READY TO FIRE position.
2. Lift the bolt handle and pull fully to the rear.
3. **WITH NO AMMUNITION IN THE FIREARM**, pull the TRIGGER (1) fully rearward and hold it in that position.
4. Push the COCKING INDICATOR (2) – also known as the “SIDE BOLT RELEASE” as far down as it will go.
5. Grasping the BOLT HANDLE, pull the bolt assembly fully rearward until it clears the receiver, being careful not to hit the stock. If it seems to bind or stop, be sure that the trigger has been pulled fully rearward first and then the COCKING INDICATOR pushed as far down as it will go.

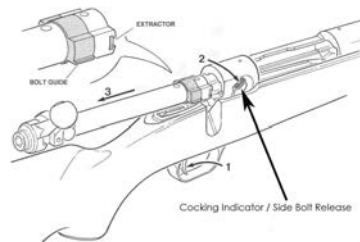


FIGURE 10

COCKING INDICATOR

SAVAGE ARMS HAS DESIGNED INTO THE CENTERFIRE BOLT ACTION SERIES, A COCKING INDICATOR. ITS MAIN PURPOSE IS TO VISUALLY INDICATE WHEN THE FIREARM IS COCKED. THIS IS NOT A LOADED CHAMBER INDICATOR NOR A SAFETY DEVICE WHICH CAN BE RELIED ON TO PREVENT ACCIDENTAL DISCHARGE – THAT RESPONSIBILITY LIES SOLELY IN THE HANDS OF THE SHOOTER!

1. Cocked – when the ‘corner’ of the indicator is above the stock (see FIGURE 11).



FIGURE 11

2. Uncocked – when the indicator is almost level with the stock and approximately midway on the flat of the receiver (see FIGURE 12).



FIGURE 12

REMOVING THE STOCK:

SINGLE SHOT

BE SURE THE BOLT IS OPEN AND THERE IS NO LIVE AMMUNITION IN EITHER THE CHAMBER OR LOADING PORT. LOOK AND

FEEL WITH YOUR FINGER – THERE SHOULD BE NO DOUBT – THERE SHOULD BE NO QUESTION – THERE MUST BE NO AMMUNITION IN EITHER THE CHAMBER OR LOADING PORT!

THE ONLY TIME YOU CAN BE ABSOLUTELY CERTAIN THAT A GUN CANNOT FIRE IS WHEN THE ACTION IS OPEN AND IT IS COMPLETELY EMPTY OF AMMUNITION.

1. Check again to be sure there is no ammunition in either the chamber or loading port.
2. Turn the firearm upside down, with the muzzle pointed away from you.
3. Using a 5/32" Allen wrench, loosen and remove the three screws securing the stock (see FIGURE 13).

DO NOT REMOVE THE SCREW AT THE REAR OF THE TRIGGER GUARD. INTENDED MERELY TO HOLD THE TRIGGER GUARD IN PLACE, OVER TIGHTENING THIS SCREW WILL CAUSE DAMAGE TO THE STOCK.

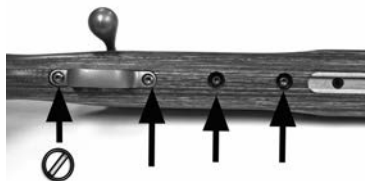


FIGURE13

4. Remove the stock.

TOP LOAD OR DETACHABLE BOX MAGAZINE

BE SURE THE BOLT IS OPEN AND THERE IS NO LIVE AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE. LOOK AND FEEL WITH YOUR FINGER – THERE SHOULD BE NO DOUBT – THERE SHOULD BE NO QUESTION – THERE MUST BE NO AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE!

THE ONLY TIME YOU CAN BE ABSOLUTELY CERTAIN THAT A GUN CANNOT FIRE IS WHEN THE ACTION IS OPEN AND IT IS COMPLETELY EMPTY OF AMMUNITION.

THERE IS NO REASON TO REMOVE THE MAGAZINE ASSEMBLY FROM THE STOCK. PULLING ON THE 'FEEDING LIPS' OR SIDES OF THE MAGAZINE MAY DISTORT ITS OVERALL SHAPE AND RESULT IN AMMUNITION NOT LOADING OR FEEDING RELIABLY.

1. Check again to be sure there is no ammunition in either the chamber or magazine.
2. Remove the DETACHABLE BOX MAGAZINE (see FIGURE 14) if so equipped.



FIGURE 14



FIGURE 15



FIGURE 16

INSTALLING THE STOCK

1. For TOP LOAD models, notice the position in the stock of the magazine, plastic follower assembly, and magazine retaining clip in FIGURE 17. Should they become loose and fall out of the stock, place the retaining clip into the side slot of the magazine (see FIGURE 18), insert the plastic magazine follower assembly into the magazine, and push the

entire magazine assembly back into the stock as shown in FIGURE 17.



FIGURE 17



FIGURE 18

2. For DETACHABLE BOX MAGAZINE models, remove the magazine prior to reassembling the stock.
3. Place the action onto the stock, being careful to align the trigger with the trigger slot in the stock.

4. Install the action screws (longer screw is to the rear and the shorter screw is to the front) into the stock and turn the wrench clockwise until the threads of the screws just engage into the receiver. **DO NOT OVER TIGHTEN** – the stock must be loose at this step!
5. Carefully lift the firearm up so that the recoil pad is sitting on a solid surface and the barrel is pointing upward.
6. Putting downward pressure on the barrel to seat the recoil lug firmly in the stock, tighten the front action screw first and then the rear action screw securely.

DO NOT REMOVE THE SCREW AT THE REAR OF THE TRIGGER GUARD. INTENDED MERELY TO HOLD THE TRIGGER GUARD IN PLACE, OVER TIGHTENING THIS SCREW WILL CAUSE DAMAGE TO THE STOCK.

7. Reach down into the receiver with your forefinger and press down on the plastic magazine follower to be sure that it moves freely. If it binds, remove the stock, check the position of the magazine assembly in the stock (see FIGURE 17), and repeat the steps for INSTALLING THE STOCK.

KNOW YOUR GUN! IF ANYTHING ‘FEELS’ OR SOUNDS DIFFERENT - STOP - AND HAVE A QUALIFIED GUNSMITH TAKE A LOOK! NEVER TAKE A CHANCE WITH SOMETHING THAT YOU ARE UNSURE OF ... ALWAYS ASK A PROFESSIONAL.

8. Cycle the bolt several times to be sure that it functions properly. If you are unable to close

the bolt handle completely, the action screws are reversed.

AFTER REASSEMBLING THE STOCK, VERIFY THAT THE SAFETY OPERATES CORRECTLY IN ALL 3 POSITIONS AS DEFINED IN SECTION 2 – ‘THREE POSITION SAFETY’ OF THIS MANUAL. SAFE OWNERSHIP IS YOUR RESPONSIBILITY!

ADJUSTING THE MAGPUL STOCK

1. To raise or lower the cheek piece, turn adjusting knob ‘A’ (see FIGURE 19).
2. To increase or decrease the length of pull, turn adjusting knob ‘B’ (see FIGURE 19).



FIGURE 19

SECTION 5 – LOADING / UNLOADING / FIRING

LOADING

FIREARMS SHOULD BE LOADED ONLY WHEN YOU ARE IN THE FIELD, ON THE TARGET RANGE, OR AT A SHOOTING AREA READY TO SHOOT.

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

USE ONLY THE CORRECT AMMUNITION THAT IS INDICATED (STAMPED) ON THE SIDE OF THE BARREL.

THOROUGHLY CLEAN THE INSIDE OF THE BARREL AND CHAMBER PRIOR TO LOADING WITH AMMUNITION.

ALWAYS BE SURE THE FIREARM (ESPECIALLY THE END OF THE BARREL) IS FREE AND CLEAR OF ANY OBSTRUCTIONS THAT MAY RESTRICT (OR SLOW DOWN) THE BULLET FROM LEAVING THE MUZZLE AT ITS NORMAL RATE OF SPEED. THIS INCLUDES SNOW, WATER, BRUSH, SHRUBS, STICKS, LEAVES AND DEBRIS TO NAME A FEW. NEVER PLACE THE END OF A BARREL OR SUBMERGE A FIREARM UNDER WATER. RESTRICTING, SLOWING, OR STOPPING THE BULLET FROM LEAVING THE MUZZLE WILL CREATE AN EXCESSIVE AMOUNT OF PRESSURE TO BUILD UP BEHIND IT AND MAY LEAD TO EXTENSIVE DAMAGE TO THE FIREARM AND PERSONAL INJURY TO THE SHOOTER AND/OR BYSTANDERS. SAFE OPERATION IS YOUR RESPONSIBILITY AND

CAN ONLY BE CONTROLLED BY YOU!

THE USE OF RELOADS, HANDLOADS, MILITARY SURPLUS, OR ANY OTHER COMMERCIAL/ NONCOMMERCIAL AMMUNITION NOT MANUFACTURED TO SAAMI (SPORTING ARMS AND AMMUNITION MANUFACTURERS' INSTITUTE, INC.)/ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE) SPECIFICATIONS WILL VOID THE WARRANTY.

KNOW YOUR GUN! IF ANYTHING 'FEELS' OR SOUNDS DIFFERENT WHEN LOADING OR SHOOTING - STOP - AND HAVE A QUALIFIED GUNSMITH TAKE A LOOK! NEVER TAKE A CHANCE WITH SOMETHING THAT YOU ARE UNSURE OF ... ALWAYS ASK A PROFESSIONAL.

SINGLE SHOT TARGET ACTIONS

DESIGNED WITH A TARGET ACCUTRIGGER, THE TRIGGER PULL IS EXTREMELY LIGHT AND SENSITIVE. CLOSING THE BOLT HANDLE WITH FORCE OR JARRING IT FORWARD MAY CAUSE THE SEAR TO DISENGAGE AND BE LOCKED IN PLACE BY THE ACCURELEASE. UNABLE TO PULL THE TRIGGER, THE BOLT HANDLE WILL HAVE TO BE RAISED AND LOWERED TO COCK THE ACTION AND RESET THE TRIGGER.

1. With the muzzle pointed in a safe direction, move the safety forward to the SAFETY OFF – READY TO FIRE position.
2. Lift the bolt handle but do not pull to the rear.
3. Move the safety fully rearward to the FULL SAFE position.

4. Pull bolt handle rearward.

- The safety will move to the MID SAFE position automatically when the bolt is closed.

5. As shown in FIGURE 20, load the correct caliber cartridge onto the loading platform.
6. Moving the bolt handle forward – **SLOWLY AND WITH CARE** – will push the cartridge into the chamber.

WHEN THE BOLT IS FULLY CLOSED, A LIVE CARTRIDGE WILL BE IN THE CHAMBER.

CLOSE THE BOLT SLOWLY TO BE SURE THE CARTRIDGE IS ALIGNED WITH THE CHAMBER. IF RESISTANCE IS FELT OR THE BOLT DOES NOT CLOSE, PULL REARWARD ON THE BOLT HANDLE, OPENING THE ACTION. CAREFULLY INSPECT THE TIP OF THE BULLET AND THE CARTRIDGE CASE TO BE SURE THAT THEY HAVE NOT BEEN DAMAGED, REINSERT ON THE LOADING PLATFORM, AND CLOSE THE BOLT. IF IT HAPPENS AGAIN, TRY A NEW CARTRIDGE. IF THE PROBLEM PERSISTS, CALL SAVAGE ARMS – CUSTOMER SERVICE.

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.



FIGURE 20

DETACHABLE BOX MAGAZINE

1. With one hand prepared to catch the detachable box magazine, push the magazine release button on the bottom of the stock rear



FIGURE 21



FIGURE 22



FIGURE 23

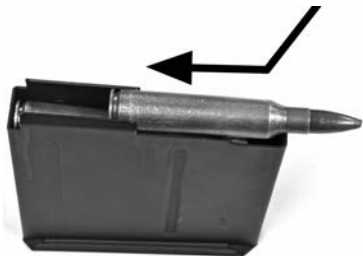


FIGURE 24

7. Insert the detachable box magazine back into the stock opening by engaging the rear first and then pressing upward on the front until the latch is fully engaged (see FIGURE 25).



FIGURE 25

8. Moving the bolt handle forward will push the first cartridge from the detachable box magazine into the chamber.

WHEN THE BOLT IS FULLY CLOSED, A LIVE CARTRIDGE WILL BE IN THE CHAMBER.

CLOSE THE BOLT SLOWLY TO BE SURE THE CARTRIDGE IS ALIGNED WITH THE CHAMBER. IF RESISTANCE IS FELT OR THE BOLT DOES NOT CLOSE, PULL REARWARD ON THE BOLT HANDLE, OPENING THE ACTION. CAREFULLY INSPECT THE TIP OF THE BULLET AND THE CARTRIDGE CASE TO BE SURE THAT THEY HAVE NOT BEEN DAMAGED, REINSERT IN THE MAGAZINE, AND CLOSE THE BOLT. IF IT HAPPENS AGAIN, TRY A NEW CARTRIDGE. IF THE PROBLEM PERSISTS, CALL SAVAGE ARMS – CUSTOMER SERVICE.

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

9. Move the safety fully rearward to the FULL SAFE position, locking the bolt handle.

TO LOAD A SINGLE CARTRIDGE INTO THE CHAMBER

1. With the muzzle pointed in a safe direction, insert a cartridge into the chamber as shown in FIGURE 26.
2. Depressing the cartridges in the magazine with one hand, slowly push the bolt forward allowing it to slide over the top of the cartridges in the magazine.
3. Push the bolt handle down then immediately move the safety fully rearward to the FULL SAFE position.

WHEN THE BOLT IS FULLY CLOSED, A LIVE CARTRIDGE WILL BE IN THE CHAMBER.

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.



FIGURE 26

TO FIRE

SAVAGE ARMS OFFERS CERTAIN MODEL FIREARMS WITH AN ACCUTRIGGER - A SPECIALLY DESIGNED USER ADJUSTABLE TRIGGER. IT IS THE SOLE RESPONSIBILITY OF THE SHOOTER TO EXERCISE EXTREME CARE WHILE ADJUSTING/HANDLING THESE FIREARMS. SAVAGE ARMS ACCEPTS NO RESPONSIBILITY/ LIABILITY FOR ANY DIRECT AND/OR CONSEQUENTIAL DAMAGE AND/OR INJURY RESULTING FROM THE MISUSE AND/OR MISHANDLING OF A FIREARM. AS WITH ANY PRECISION TUNED MECHANICAL DEVICE, PERIODIC INSPECTION/MAINTENANCE IS REQUIRED - AND YOUR RESPONSIBILITY!

WITH SAFETY AS OUR PRIMARY CONCERN, THE ACCUTRIGGER DESIGN REQUIRES THE SHOOTER TO PLACE THEIR FINGER SQUARELY OVER THE ACCURELEASE. PULLING THE TRIGGER FROM THE SIDE OR NOT DIRECTLY REARWARD WILL CAUSE THE SEAR TO DISENGAGE AND BE BLOCKED BY THE ACCURELEASE. ALTHOUGH A 'CLICK' MAY BE HEARD, THE SEAR IS BLOCKED, PREVENTING THE FIRING PIN FROM HITTING THE PRIMER. WHEN THIS HAPPENS, THE BOLT MUST BE RAISED AND LOWERED TO 'RECOCK' THE FIREARM.

DO NOT MOVE THE SAFETY FORWARD TO THE SAFETY OFF - READY TO FIRE POSITION UNTIL YOU ARE READY TO SHOOT.

THE ONLY TIME YOU CAN BE ABSOLUTELY

CERTAIN THAT A GUN CANNOT FIRE IS WHEN THE ACTION IS OPEN AND IT IS COMPLETELY EMPTY OF AMMUNITION.

NEVER TOUCH THE TRIGGER ON A FIREARM UNTIL YOU ACTUALLY INTEND TO SHOOT.

NEVER POINT YOUR GUN AT ANYTHING YOU DO NOT INTEND TO SHOOT.

BE SURE TO WEAR ADEQUATE EYE AND HEARING PROTECTION (CONSULT MANUFACTURER FOR THEIR RECOMMENDATION) WHEN EVER YOU INTEND TO SHOOT. HEARING LOSS AS WELL AS IRREPARABLE EYE DAMAGE CAN OCCUR UNLESS YOUR EYES AND EARS ARE PROPERLY PROTECTED .

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

1. Keep your finger off the trigger and out of the trigger guard until you are ready to shoot.
2. Always look carefully around to be sure that no one will cross in front of you when you are ready to shoot.
3. Place the firearm to your shoulder and move the safety forward to the SAFETY OFF - READY TO FIRE position and take aim.
4. Place your finger in the trigger guard and when you are on target, squeeze the trigger slowly.

NO ONE CAN CALL A BULLET BACK.

5. Pull up and fully rearward on the bolt handle to open the bolt and extract the fired case.

6. Moving the bolt handle forward will push the next cartridge from the magazine into the chamber.
7. Move the safety fully rearward to the FULL SAFE position, locking the bolt handle.

IT IS A GOOD PRACTICE TO CHECK THE ACTION SCREWS BEFORE AND AFTER FIRING TO VERIFY THEY ARE SECURE. AT THE END OF EACH SHOOTING SESSION, VERIFY THE SCREWS ARE SECURE.

UNLOADING YOUR RIFLE

TOP LOADING OR DETACHABLE BOX MAGAZINE

KEEP YOUR FINGERS AWAY FROM THE TRIGGER.

KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

1. If the firearm is designed with a DETACHABLE BOX MAGAZINE, push the magazine release button rearward (see FIGURE 21 or FIGURE 22) to remove the magazine.
2. **With the muzzle pointed in a safe direction**, your finger completely away from the trigger and out of the trigger guard, move the safety forward to the **SAFETY OFF – READY TO FIRE** position.

KEEP YOUR FINGERS AWAY FROM THE TRIGGER.

3. Lift the bolt handle but do not pull to the rear.
4. Move the safety fully rearward to the FULL SAFE position.

- The safety will move to the MID SAFE position automatically when the bolt is closed.
5. Placing one hand over the ejection port, your finger completely away from the trigger and out of the trigger guard, slowly pull the bolt fully rearward to extract the cartridge from the chamber.
 6. If the firearm is designed with a TOP LOADING magazine, push the bolt fully forward until it engages the next cartridge behind the extractor.
 7. Slowly pull the bolt handle to the rear to extract the next cartridge.
 8. Repeat steps 6 through 7 until the magazine is empty.

LOOK AND FEEL! BE SURE THE CHAMBER AND MAGAZINE ARE COMPLETELY EMPTY -- DO NOT ASSUME!

A LOADED GUN HAS NO PLACE IN OR NEAR A VEHICLE OR BUILDING.

SECTION 6 – ACCUTRIGGER ADJUSTMENTS

ACCUTRIGGER Pull Adjustment

SAFE OWNERSHIP IS YOUR RESPONSIBILITY. PRIOR TO ADJUSTING THE ACCUTRIGGER PLEASE THOROUGHLY READ AND UNDERSTAND THE INSTRUCTION MANUAL IN ITS ENTIRETY.

MAKE SURE THE FIREARM IS UNLOADED AND THE BOLT IS OPEN BEFORE REMOVING THE STOCK AND ADJUSTING THE ACCUTRIGGER.

ADJUSTING THE ACCUTRIGGER (SILVER ACCURELEASE)

1. Remove the stock (see section above "REMOVING THE STOCK")
2. Insert the ACCUTRIGGER supplied tool into the bottom of the trigger return spring as shown, to engage the spring-tail with the slot on the tool. Turn the trigger return spring (A) with the trigger adjustment tool (B) as shown in FIGURE 27 and FIGURE 28.
3. To adjust towards the higher range of pull, turn the tool clockwise. The maximum trigger pull is at the point where the spring "clicks" when rotated (see FIGURE 27).
4. To adjust towards the lower range of pull, turn the tool counter-clockwise. The minimum trigger pull is at the point where the large coil contacts the top surface of the trigger and you detect resistance (see FIGURE 28).

THE SPRING SHOULD NOT BE FORCED BEYOND THESE LIMITS.



FIGURE 27



FIGURE 28

4. The ACCURELEASE (see FIGURE 29 and FIGURE 30) adds an additional level of safety by stopping the sear if the rifle is accidentally jarred or dropped with the safety in the "FIRE" position.
5. Reinstall the stock (see section above "INSTALLING THE STOCK")

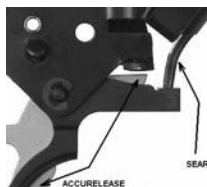


FIGURE 29



FIGURE 30

EXCESSIVE JARRING OR PULLING THE TRIGGER WITHOUT DEPRESSING THE ACCURELEASE MAY CAUSE THE SEAR TO MOVE (SEE FIGURE 30). AS DESIGNED,

THE ACCURELEASE WILL PREVENT ACCIDENTAL DISCHARGE BY 'LOCKING' THE TRIGGER WHEN USED PROPERLY, MAINTAINED AND SERVICED REGULARLY. IN THIS EVENT, THE BOLT MUST BE RE-COCKED IN ORDER TO RESET THE SEAR. CERTAIN HEAVY BARREL ACCUTRIGGER MODELS HAVE A 'RUBBER BUMPER' INCORPORATED INTO THE BOLT HANDLE TO ABSORB SOME OF THE 'SHOCK' WHEN THE BOLT HANDLE IS CLOSED (SEE FIGURE 31).

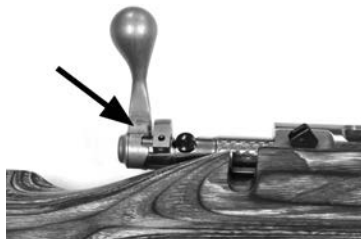


FIGURE 31

WHEN THE SEAR IS BLOCKED BY THE ACCURELEASE (SEE FIGURE 30), THE FIRING PIN IS RESTRAINED WITHIN THE BOLT ASSEMBLY, PREVENTING IT FROM HITTING THE PRIMER. THE 'CLICK' THAT IS HEARD IS THE ACTUAL SEAR BEING BLOCKED BY THE ACCURELEASE, NOT THE FIRING PIN!

KNOW YOUR GUN! IF ANYTHING 'FEELS' OR SOUNDS DIFFERENT - STOP - AND HAVE A

QUALIFIED GUNSMITH TAKE A LOOK! NEVER TAKE A CHANCE WITH SOMETHING THAT YOU ARE UNSURE OF ... ALWAYS ASK A PROFESSIONAL.

TARGET BARRELS – WITH ORANGE ACCURELEASE

DESIGNED WITH AN EXTREMELY LIGHT PRECISION TARGET TRIGGER, ANY EXCESS JARRING (SUCH AS CLOSING THE BOLT HARD) WILL CAUSE THE SEAR TO BE BLOCKED AND 'LOCK' THE TRIGGER. THIS CAUTION IS STAMPED ON EVERY RECEIVER CONTAINING THE TARGET ACCUTRIGGER (SEE FIGURE 32).



FIGURE 32

BE SURE THERE IS NO LIVE AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE. LOOK AND FEEL WITH YOUR FINGER – THERE SHOULD BE NO DOUBT – THERE SHOULD BE NO QUESTION – THERE MUST BE NO AMMUNITION IN EITHER THE CHAMBER OR MAGAZINE!

IT IS THE SOLE RESPONSIBILITY OF THE SHOOTER TO USE, INSPECT, AND MAINTAIN THESE FIREARMS ACCORDINGLY. AS AN EXTREMELY LIGHT PRECISION TARGET TRIGGER, ADDITIONAL CAUTION IN HANDLING MUST BE EXERCISED TO PREVENT ACCIDENTAL DISCHARGE! SHOULD THERE BE ANY QUESTION ABOUT THIS WARNING OR CONFUSION IN ANY WAY, IT IS THE USER'S RESPONSIBILITY TO CONTACT SAVAGE ARMS (413-568-7001 BETWEEN THE HOURS OF 9:00 AND 4:00 EASTERN TIME) TO GET ADVICE AND HELP.

Unlike our standard centerfire AccuTrigger, the TARGET AccuTrigger has two distinctions:

1. TARGET PRECISION TRIGGER – CLOSE BOLT WITH EXTREME CARE: To achieve such a light trigger pull with no creep or travel, the design requires an ultimate level of precision with minimal engagement surfaces. To put this into perspective, the distance the trigger will travel before releasing the sear is less than the thickness of the paper this is printed on. As such, the sear is very sensitive to mechanical jarring *1 or touching the side of the trigger shoe without fully depressing the AccuRelease. If either should happen, the AccuRelease will physically block the sear (see FIGURE 30) and trigger travel, requiring the firearm to be recocked.

*1 Designed for controlled shooting applications, the bolt must be closed with extreme care. Use a slow, smooth, consistent motion when cycling the bolt forward to close; engaging the

locking lugs and pushing the bolt handle downward.

2. CAN BE ADJUSTED DOWN TO APPROXIMATELY 6 OUNCES:

Unlike our standard centerfire AccuTrigger, minimum trigger pull is not the point where the large coil contacts the top surface of the trigger and you detect resistance (see FIGURE 28).

Minimum trigger pull is established by adjusting the trigger return spring ("A") until the trigger requires a greater force to pull than the AccuRelease. This can be established by repeatedly turning the adjustment tool ("B") clockwise (with the action upside down – trigger pointing upward) until the trigger can be successfully pulled without the AccuRelease blocking the sear. This can then be considered the minimum trigger pull.

WITH ANY MECHANICAL DEVICE, SURFACES WILL WEAR WITH USE. AS A TARGET PRECISION TRIGGER, THIS MAY BE MORE EVIDENT AT THE MINIMUM SETTINGS (SEE PARAGRAPH ABOVE). IF THE ACCURELEASE BEGINS TO BLOCK THE SEAR CONSISTENTLY, ADJUST THE TRIGGER RETURN SPRING TO INCREASE THE PULL SLIGHTLY. A QUARTER OF A TURN WILL BRING THE PULL UP BY A FEW OUNCES.

KNOW YOUR GUN! IF ANYTHING 'FEELS' OR SOUNDS DIFFERENT - STOP - AND HAVE A QUALIFIED GUNSMITH TAKE A LOOK! NEVER TAKE A CHANCE WITH SOMETHING THAT YOU ARE UNSURE OF ... ALWAYS ASK A PROFESSIONAL.

SECTION 7 – MUZZLE BRAKE

MUZZLE BRAKES

THIS SECTION ONLY APPLIES TO FIREARMS EQUIPPED WITH A SAVAGE ARMS NON ADJUSTABLE MUZZLE BRAKE.

ALWAYS WEAR EAR AND EYE PROTECTION.

WHEN SHOOTING WITH THE MUZZLE BRAKE, BE SURE THE MUZZLE IS IN A CLEAR AREA; FREE OF DEBRIS AND OTHER SHOOTERS.

IN ORDER TO REDUCE THE RECOIL, MUZZLE BRAKES ARE DESIGNED TO ALLOW PRESSURE TO ESCAPE THROUGH PORTS PRIOR TO EXITING THE MUZZLE. THIS PRESSURE IS EXTREMELY POWERFUL AND HOT. BEFORE FIRING, BE SURE YOUR HAND IS ON THE FOREND ONLY! PLACING YOUR HAND ON THE BARREL OR MUZZLE BRAKE WHEN SHOOTING WILL CAUSE SEVERE BODILY INJURY. THINK BEFORE YOU SHOOT – IT IS YOUR RESPONSIBILITY TO KNOW WHERE YOUR HANDS ARE AND THE PROXIMITY OF OTHERS TO THE OPEN MUZZLE BRAKE!

As the name describes, the NON ADJUSTABLE MUZZLE BRAKE is on ("open") and can not be closed ("off") (see FIGURE 33).



FIGURE 33

SECTION 8 – PARTS LIST AND DIAGRAM

FOR MORE INFORMATION, PLEASE VISIT
OUR WEB SITE AT: WWW.SAVAGEARMS.COM

As a 'customer driven' company, some parts may now be ordered directly from our web site (WWW.SAVAGEARMS.COM) twenty four hours a day, needing only your serial number and credit card. For accessing our part finder via your Smartphone, please use the QR Code below. Should you not have access to our web site, parts can be ordered directly from Savage Arms [413-568-7001] between the hours of 9:00 and 4:00 (Eastern Time). There is a minimum order and please allow 2 weeks for delivery. Only the parts indicated may be purchased by an individual. All other parts/subassemblies are either 'factory fit' or available to qualified gunsmiths only.

Please be advised that some parts may require fitting. Savage Arms bears no responsibility for the function or performance of any firearm that has been repaired or modified by other than Savage Arms Service Department. As such, Savage Arms accepts no responsibility/liability for any direct and/or consequential damage and/or injury resulting from the use of a firearm repaired or modified by other than the Savage Arms Service Department.

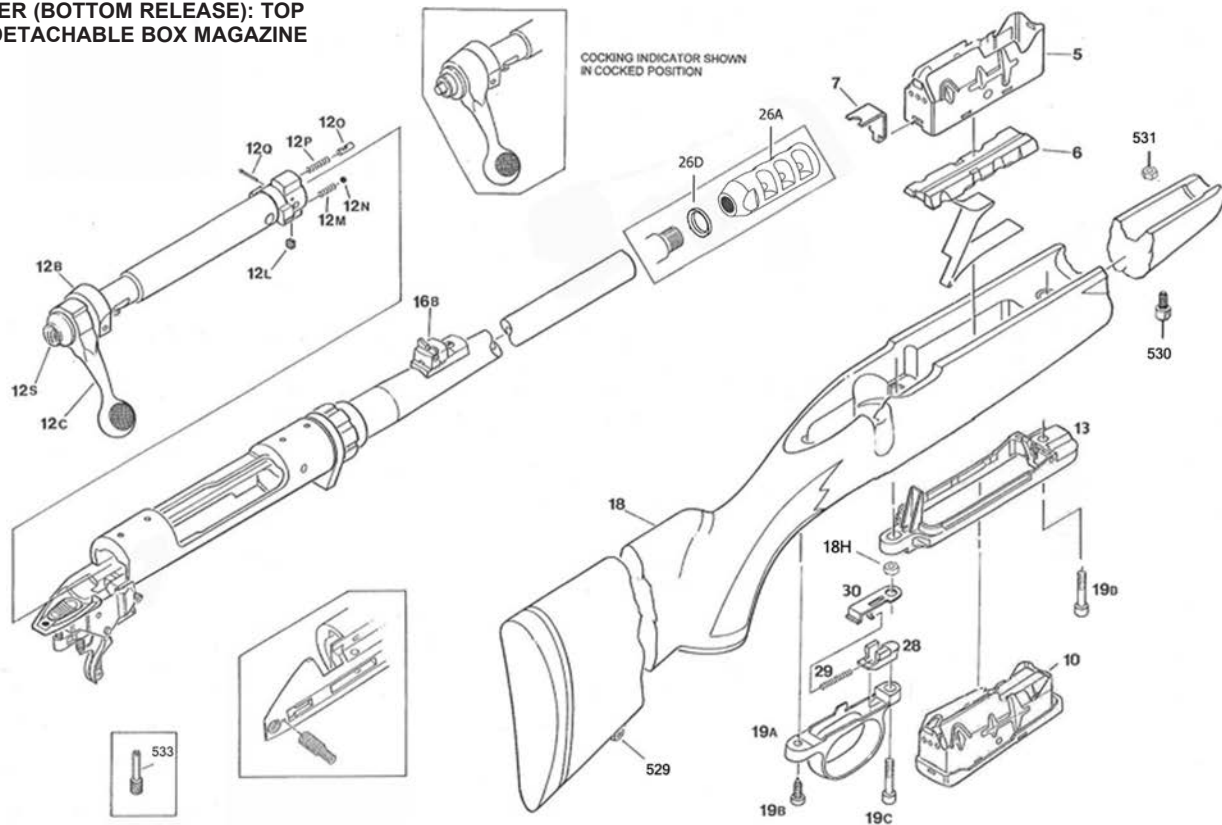
QR Code for your Smartphone for purchasing parts directly from our website - no calls - no waiting - 24 hours a day.



store.savagearms.com/partfinder

BOTTOM RELEASE MODELS:

**ACCUTRIGGER (BOTTOM RELEASE): TOP
LOAD AND DETACHABLE BOX MAGAZINE**



**ACCUTRIGGER (BOTTOM RELEASE): TOP
LOAD AND DETACHABLE BOX MAGAZINE**

Item #	Description
5	Magazine box
6	Magazine follower assembly
7	Magazine retaining clip
10	Detachable box magazine assembly
12B	Rear baffle assembly
12C	Bolt handle
12L	Extractor
12M	Extractor spring
12N	1/8" steel ball
12O	Ejector

Item #	Description
12P	Ejector spring
12Q	Ejector retaining pin
12S	Bolt assembly screw
13	Frame assembly
16B	Rear sight assembly
17B	Front sight blade
17C	Front sight base
18	Stock assembly
18H	Spacer
19A	Trigger guard
19B	Rear trigger guard screw

Item #	Description
19C	Rear action screw
19D	Front action screw
26A	Recoil arrestor
26D	Crush washer
28	Bolt release button
29	Button spring
30	Button retainer
529	Swivel stud
530	Swivel stud
531	10-32 Lock nut
533	Tension adjustment tool

ACCUTRIGGER
TARGET ACTION – SINGLE SHOT



ACCUTRIGGER**TARGET ACTION – SINGLE SHOT**

Item #	Description
12B	Rear baffle assembly
12C	Bolt handle
12L	Extractor
12M	Extractor spring
12N	1/8" steel ball
12O	Ejector

Item #	Description
12P	Ejector spring
12Q	Ejector retaining pin
12S	Bolt assembly screw
18	Stock assembly
19A	Trigger guard
19B	rear trigger guard screw

Item #	Description
19C	Rear action screw
19D	Front action screw
529	Swivel stud
530	Swivel stud
533	Tension adjustment tool

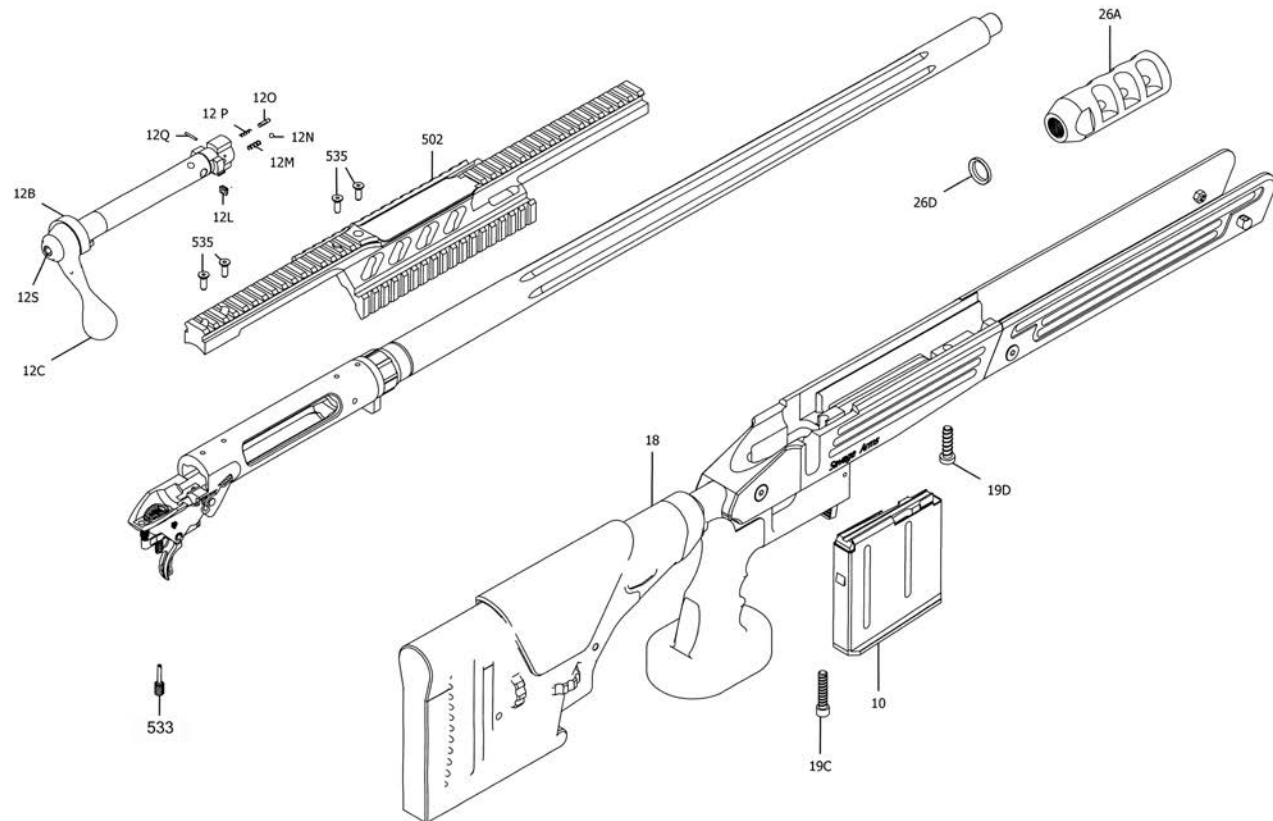
**ACCUTRIGGER (SIDE RELEASE)
TOP LOAD AND DETACHABLE BOX MAGAZINE**

Item #	Description
5	Magazine box
6	Magazine follower assembly
7	Magazine retaining clip
10	Detachable box magazine
12B	Rear baffle assembly
12C	Bolt handle
12L	Extractor
12M	Extractor spring
12N	1/8" steel ball
12O	Ejector

Item #	Description
12P	Ejector spring
12Q	Ejector retaining pin
12S	Bolt assembly screw
13	Frame assembly
16B	Rear sight assembly assembly
17B	Front sight blade
17C	Front sight base
18	Stock assembly
19A	Trigger guard

Item #	Description
19B	Rear trigger guard screw
19C	Rear action screw
19D	Front action screw
26A	Recoil arrestor
26D	Crush washer
529	Swivel stud
530	Swivel stud
533	Tension adjustment tool

ACCUTRIGGER (SIDE RELEASE): 'BA'



ACCUTRIGGER (SIDE RELEASE) 'BA'

Item #	Description
10	Detachable box magazine assembly
12B	Rear baffle assembly
12C	Bolt handle
12L	Extractor
12M	Extractor spring
12N	1/8" steel ball

Item #	Description
12O	EJECTOR
12P	Ejector spring
12Q	Ejector retaining pin
12S	Bolt assembly screw
18	Stock assembly
19C	Rear action screw
19D	Front action screw

Item #	Description
26A	Recoil arrestor
26D	Crush washer
502	Scope mount rail
533	Tension adjustment tool
535	Scope mount rail screws

SECTION 9 – AMMUNITION BULLET WEIGHTS AND MAGAZINE CAPACITIES

FOR MORE INFORMATION, PLEASE VISIT OUR WEB SITE AT: WWW.SAVAGEARMS.COM

Bullet specifications and trajectories are available directly from the ammunition manufacturer.

The following table lists the bullet weights used for 100 yard targeting evaluation at Savage Arms.

Performance may vary based on brand/type of ammunition, individual characteristics of the firearm, and/or shooting conditions.

USE ONLY THE CORRECT AMMUNITION THAT IS STAMPED ON THE SIDE OF THE BARREL.

THE USE OF RELOADS, HANDLOADS, MILITARY SURPLUS, OR ANY OTHER COMMERCIAL / NONCOMMERCIAL AMMUNITION NOT MANUFACTURED TO SAAMI (SPORTING ARMS AND AMMUNITION MANUFACTURERS' INSTITUTE, INC.)/ ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE) SPECIFICATIONS WILL VOID THE WARRANTY.

Caliber	Bullet Weight (Grains)
204 Ruger	Hornady 40 grain V Max
22-250 Remington – 1 in 12" twist	Winchester 55 grain Ballistic Silver Tip
22-250 Remington – 1 in 9" twist	Winchester 55 grain Ballistic Silver Tip
223 Remington – 1 in 7" twist	69 grain and above
223 Remington – 1 in 9" twist	Federal 69 grain Sierra Match King BTHP
243 Winchester	Federal 70 grain Nosler Ballistic Tip
260 Remington	Federal 120 grain Nosler Ballistic Tip
300 Winchester Magnum	Winchester 180 grain Silver Ballistic Tip
300 Winchester Short Magnum	Winchester 150 grain Silver Ballistic Tip
308 Winchester (1 in 10" twist)	Federal 168 grain Sierra Match King BTHP
308 Winchester (1 in 12" twist)	Federal 168 grain Sierra Match King BTHP
308 Palma	155 grain Hornady A-Max
338 Lapua Magnum	Black Hills 250 grain BTHP
6MM Norma Bench Rest (1 in 8" twist)	Lapua 105 grain BTHP
6MM Norma Bench Rest (1 in 12" twist)	70 grain Sierra Match King
6.5 Creedmore	Hornady 140 grain A-Max
6.5 X 284 Norma	Black Hills 142 grain BTHP

Caliber	Magazine Capacity
204 Ruger	4
22-250 Remington	4
223 Remington	4
243 Winchester	4
260 Remington	4
300 Winchester Magnum	3
300 Winchester Short Magnum	2
308 Winchester	4
338 Lapua Magnum	5 (10 shot available on some models)
6MM Norma Bench Rest	2
6.5 Creedmore	4
6.5 X 284 Norma	Single Shots

SECTION 10 – RINGS AND BASES FOR MOUNTING A SCOPE

FOR MORE INFORMATION, PLEASE VISIT OUR WEB SITE AT: WWW.SAVAGEARMS.COM

The following companies manufacture RINGS that may be used with this style base or their own design.

The manufacturers listed below should be contacted for specific part numbers and information.

B-SQUARE
13386 International Pkwy
Jacksonville, FL 32218
www.b-square.com

BURRIS
920 54th Avenue
Greeley, CO 80634
www.burrisoptics.com

EVOLUTION GUN
WORKS (EGW)
48 Belmont Avenue
Quakertown, PA 18951
www.egwguns.com

KWIK-SITE
5555 Treadwell
Wayne, MI 48184
www.kwiksitecorp.com

LEATHERWOOD /HI-LUX
OPTICS
3135 Kashiwa Street
Torrance, CA 90505
www.leatherwoodoptics.com

LEUPOLD
14400 NW Greenbrier Pkwy
Beaverton, OR 97006
www.leupold.com

MILLETT
9200 Cody
Overland Park, KS 66214
www.millettsights.com

WARNE SCOPE MOUNTS
9500 SW Tualatin
Tualatin, OR 97062
www.warnescopemounts.com

WEAVER MOUNTS
N5549 County Trunk Z
Onalaska, WI 54650
www.weaver-mounts.com

SECTION 11 – MAINTENANCE

ROUTINE MAINTENANCE:

YOUR GUN IS A MECHANICAL DEVICE WHICH WILL NOT LAST FOREVER AND IS SUBJECT TO WEAR. AS WITH ANY PRECISION TUNED MECHANICAL DEVICE, PERIODIC INSPECTION/ MAINTENANCE IS REQUIRED – AND YOUR RESPONSIBILITY!

1. TIMEFRAMES: It is difficult to establish a time period or number of rounds as the basis for when a firearm should be examined, cleaned, and thoroughly inspected. Different shooting conditions, weather patterns, and types of ammunition, to list a few, all play a significant role in answering the questions 'when' and 'how often'. As a general rule, 'more often' is much safer than 'not enough'.

- As a start, the THREE POSITION SAFETY should be checked prior to loading live ammunition. This is an important step that should be done **every time** the firearm is prepared for use.

- Remove the bolt, look down the barrel to be sure it is clear of any obstruction and that there are no signs of damage (nicks, scratches, etc.), rust, or pitting.

- Check the outer surface of the barrel, running your fingers gently down its length, feeling for any bulges or signs of damage.

- While the bolt is out, inspect the bolt head, extractor, and ejector for signs for damage or signs of excessive wear.

- With the stock removed, carefully inspect the AccuTrigger and adjustment spring for

damage or foreign debris (twigs, grass, etc.) (see FIGURE 27).

- Carefully examine the stock and studs that secure the carrying strap.
- Check the scope rings to be sure they have not loosened.
- After the stock has been put back on, verify the action screws are tight.

2. WHO SHOULD DO THE CHECKING: As the owner – or user – it is your primary responsibility to assure the firearm is safe prior to using it. Although we know its condition when it leaves the factory, we have no control or insight as to what has or has not been done once it leaves our hands.

After reading and understanding this INSTRUCTION MANUAL – and **prior to** loading with live ammunition - you should be very familiar and capable of handling the items noted above. In depth mechanical issues or questions as well as periodic examinations should be referred to a qualified gunsmith or Savage Arms Service Department. Mechanical devices will by the nature of their design, wear and as such may require very specific adjustments. In the wrong hands, a 'simple' adjustment could result in serious damage to the firearm or even worse, injury or death to the shooter or bystander.

KNOW YOUR GUN! IF ANYTHING 'FEELS' OR SOUNDS DIFFERENT - STOP - AND HAVE A QUALIFIED GUNSMITH TAKE A LOOK! NEVER TAKE A CHANCE WITH SOMETHING THAT YOU ARE UNSURE OF ... ALWAYS ASK A PROFESSIONAL.

CLEANING AND CARE OF YOUR FIREARM

BOLT ASSEMBLIES ARE SPECIFICALLY MATCHED TO A FIREARM. USING ANY OTHER BOLT ASSEMBLY MAY CAUSE EXTENSIVE DAMAGE TO THE FIREARM AND/OR SERIOUS INJURY TO THE SHOOTER OR BYSTANDER.

DISASSEMBLE ONLY ONE FIREARM AT A TIME TO AVOID INTERCHANGING COMPONENTS.

LOOK AND FEEL! BE SURE THE CHAMBER AND MAGAZINE ARE COMPLETELY EMPTY -- DO NOT ASSUME!!!

NEVER ATTEMPT TO DISASSEMBLE, CLEAN, OR OIL A LOADED FIREARM!

BE SURE TO READ AND UNDERSTAND ALL OF THE CAUTIONS AND WARNINGS ON ALL SOLVENTS AND CHEMICALS PRIOR TO USE. FOLLOW THE MANUFACTURER'S INSTRUCTIONS FOR BEST CLEANING RESULTS.

1. Prepare an area for cleaning the firearm with a suitable surface, adequate ventilation, correct caliber cleaning rod, brush, patches, powder solvent, and oil.
2. Remove the bolt.
3. Lay the firearm horizontally with the ejection port facing down.

ALWAYS STARTING FROM THE CHAMBER END, PUSH THE CLEANING ROD THROUGH THE BORE AND OUT THE MUZZLE END.

4. Using a small amount of powder solvent on the brush, push the cleaning rod through the barrel several times.
5. Unscrew the brush from the cleaning rod and replace it with a patch tip.
6. Push a new patch through the bore starting from the chamber end and out the muzzle.
7. Repeat the prior step (# 6) several times.
8. Push a new patch saturated with gun oil through the bore.
9. Push a new dry patch through the bore to remove the excess oil.
10. When done, always verify that the "THREE POSITION SAFETY" is operational as explained in the beginning of SECTION 2.

CHECK THE BORE CAREFULLY WHEN DONE TO BE SURE THERE ARE NO OBSTRUCTIONS (I.E. PIECES OF CLEANING PATCH, ETC.).

A VERY THIN FILM OF OIL IS SUFFICIENT PROTECTION – DO NOT OVER OIL!!!

FAILURE TO PROPERLY MAINTAIN YOUR FIREARM MAY LEAD TO DAMAGE AND/OR SERIOUS INJURY TO THE SHOOTER OR BYSTANDER.

PROTECTING METAL SURFACES

1. In order to be able to reach all surfaces, remove the bolt prior to cleaning and oiling.
2. With a soft cloth, remove any foreign matter (i.e. mud, twigs, grass).
3. Apply a thin coat of gun oil on all cleaned metal surfaces. Rubbing may be necessary to remove any signs of rust.
4. Where accessible, clean and lightly oil interior metal surfaces.
5. When done, always verify that the "THREE POSITION SAFETY" is operational as explained in the beginning of SECTION 2.

DO NOT DISASSEMBLE THE BOLT ASSEMBLY.

CHECK THE BORE CAREFULLY WHEN DONE TO BE SURE THERE ARE NO OBSTRUCTIONS (I.E. PIECES OF CLEANING PATCH, ETC.).

SECTION 12 – STATEMENT OF LIMITED WARRANTY

FOR MORE INFORMATION, PLEASE VISIT
OUR WEB SITE AT: WWW.SAVAGEARMS.COM

STATEMENT OF LIMITED WARRANTY

For your convenience, registration may now be completed directly from our web site (WWW.SAVAGEARMS.COM) twenty four hours a day. Should you not have access to our web site, please complete the WARRANTY REGISTRATION CARD and return it to Savage Arms, Inc. within ten (10) days from the date of purchase.

WHO IS COVERED?

- The original owner (with proof of purchase).

WHAT IS COVERED?

- Any defect in materials or workmanship (performed by Savage Arms) encountered during normal use.

HOW LONG IS THE WARRANTY PERIOD?

- One (1) year from the date of purchase.

WHAT IS NOT COVERED?

*PERSONAL INJURY, PROPERTY DAMAGE,
AND/OR DAMAGE TO THE FIREARM
CAUSED BY:*

- Improper maintenance or negligence to provide proper care and maintenance.
- Alterations/modifications performed without the written authorization of Savage Arms, Inc. Service Department.
- Normal wear; tear; and/or corrosion.

- Accidental discharge, careless handling, and/or misuse.
- Barrel obstructions.

EXCLUSIONS AND LIMITATIONS:

This *WARRANTY* and the remedies set forth herein are exclusive and take the place of all other expressed or implied *WARRANTIES* (including any implied *WARRANTY* of merchantability or fitness for any particular purpose which are disclaimed). No other representations or claims of any nature shall be binding on or obligate Savage Arms, Inc.

Savage Arms, Inc. excludes any incidental and consequential damages under this warranty. Some states do not allow exclusions or limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

This *WARRANTY* gives you specific legal rights. You may have other rights, which will vary from state to state.

RETURNING A FIREARM:

For *WARRANTY* claims, proof of purchase must accompany the firearm.

It is a violation of Federal Law to ship a firearm with live ammunition either in the detachable box magazine, chamber, or placed in the box. For the safety of all involved PLEASE be sure there is no ammunition in either the chamber, detachable box magazine, or box.

Savage Arms, Inc. is not responsible for the loss

or damage to any accessories shipped with the firearm.

If there is a question whether the firearm should be returned or parts could be purchased, please call 1-413-568-7001 between 9:00 am and 4:00 p.m. Eastern Time and ask for the Service/Warranty Department.

All firearms are to be sent to Savage Arms, Inc. at the owner's expense. Warranty repairs will be returned to the owner at Savage Arms' expense.

1. Pack the firearm in its original box if possible. If a similar suitable box is used, care should be taken to protect the barrel/muzzle from breaking through. Always pack with the assumption that the firearm will undergo rough handling during transit to Savage Arms.

2. Enclose a brief note including:

- name, address and phone number of the sender
- serial number of the firearm
- description of the problem you are having
- bullet weight, bullet type, and manufacturer of the ammunition you are using
- any other information which you feel may be helpful.

3. Return to:

Savage Arms, Inc.
100 Springdale Road
Westfield, MA 01085
Attn: Service Department

4. If there will be a charge involved for the repair, a quote will be sent within fourteen (14) working days.
 - If there is no response from the quote within thirty (30) days, the firearm will be returned COD (\$20.00 Shipping/Handling).

Firearms will be repaired typically 3 weeks after receipt of payment in the order they were received.

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Download a QR Code reader app
for your Smartphone and
then snap this to complete your
WARRANTY REGISTRATION on-line.



[www.savagearms.com/customerservice/
warrantyregistration/](http://www.savagearms.com/customerservice/warrantyregistration/)

WARRANTY REGISTRATION CARD

Please complete and return this card within 10 days from the date you purchased your firearm.

Name _____ Model Number _____
Address _____ Caliber/Gauge _____
City _____ State _____ Zip _____ Serial Number _____
Date of Purchase _____ Price Paid _____
Email _____ Your Age _____

To help us better understand our customers and enhance our products and service, we would appreciate answers to the following questions:

Where purchased: ☐ Gun Shop ☐ Sporting Goods Store ☐ Discount Sporting Goods Store ☐ Discount/Chain Store

The primary use of this firearm is:

☐ Varmint Shooting ☐ Target Shooting ☐ Plinking ☐ Big Game Hunting ☐ Law Enforcement/Security

How many do you own: _____ Rifles _____ Shotguns _____ Handguns

Is this your first Savage: ☐ Yes ☐ No

You selected a Savage because (rank 1-10, with 10 being most important)

_____ Durability	_____ Company Reputation	_____ Price	_____ Catalog	_____ Friend's Recommendation	_____ Dealer/local Show
_____ Function	_____ Accuracy	_____ Magazine Ad	_____ TV Show	_____ Dealer Recommendation	_____ Other

Which group describes your family income:

☐ Under \$20,000 ☐ \$20,000-\$39,999 ☐ \$40,000-\$59,999 ☐ \$60,000-\$74,999 ☐ \$75,000-\$99,999 ☐ \$100,000+

Estimated number of shells/cartridges you will use this year with this gun? _____

Do you read gun or hunting magazines? ☐ Yes ☐ No

List: _____

Do you watch gun or hunting shows? ☐ Yes ☐ No

List: _____

During what month did you investigate and decide on the model to buy? _____

Did your dealer: ☐ Have the firearm in stock ☐ Need to order it

Comments: _____



WARNING

Children are attracted to and can operate firearms that can cause severe injury or death. Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison.



ADVERTENCIA

A los niños los atraen las armas de fuego y las pueden hacer funcionar. Ellos pueden causarse lesiones graves y la muerte. Evite que los niños tengan acceso a las armas de fuego guardándolas siempre con llave y descargadas cuando no las esté utilizando. Si usted tiene un arma de fuego cargada en un lugar en que un niño tiene acceso a ella y la usa indebidamente, le pueden dar una multa o enviarlo a la cárcel.



Savage Arms
The Definition of Accuracy

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Westfield, MA 01085
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