

Congratulations on the purchase of your new firearm. You are now part of the Savage Arms, Inc. family of quality firearms. With reasonable care, your firearm should deliver years of reliable service.

THIS INSTRUCTION GUIDE IS EXTREMELY IMPORTANT. The safety warnings and instructions in this guide 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.

### **SAFETY FIRST – IT'S YOUR RESPONSIBILITY!**

***ABOVE ALL – REMEMBER THAT A FIREARM IS A MECHANICAL DEVICE WITHOUT THE ABILITY TO THINK OR ACT ON ITS OWN. IT WILL DO WHAT YOU MAKE IT DO, WHETHER YOUR ACTION IS SAFE OR UNSAFE. IT DOES NOT KNOW THE DIFFERENCE BETWEEN A WISE ACTION OR ONE WHICH WILL PUT SOMEONE'S LIFE OR PROPERTY IN DANGER. THE ONLY SURE WAY IT CAN BE SAFE IS IF YOUR ACTIONS ARE SAFE. IT ONLY TAKES ONE CARELESS MOMENT TO RESULT IN A TRAGEDY THAT YOU WILL HAVE TO LIVE WITH FOR THE REST OF YOUR LIFE.***

**IMPORTANT! DO NOT ATTEMPT TO LOAD AND SHOOT YOUR FIREARM UNTIL YOU HAVE THOROUGHLY READ THIS INSTRUCTION GUIDE AND ARE FULLY FAMILIAR WITH ITS CONTENTS.**

**KNOW HOW TO LOCATE AND OPERATE THE SAFETY MECHANISM.**

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

**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 FIREARM CANNOT FIRE IS WHEN THE ACTION IS OPEN AND IT IS COMPLETEY EMPTY OF AMMUNITION.**

For more information, and for expanded instruction guides, please visit [www.savagearms.com](http://www.savagearms.com)

## Section 1 - Safety Operation

### 1.1 Two Position Safety

The Impulse family of rifles employs a manual, two-position safety – **Full Safe** and **Ready to Fire**. The safety selector does not automatically move to the full safe position when the bolt is opened and closed. It must be moved manually.

The **Safety Selector** is located at the rear of the receiver tang and can be operated with either hand. Pushing it either forward, away from the shooter, or rearward, towards the shooter, will engage or disengage the safety. Sliding the **Safety Selector** forward, the **Red Indicator** is visible and the safety is off – **Ready to Fire** position – see Figure 1. Sliding the **Safety Selector** rearward, the **Red Indicator** is hidden from view and the safety is on – **Full Safe** position – see Figure 2. Anytime the safety selector is in the **Ready to Fire** position and ammunition is loaded into the chamber,

the firearm is capable of firing - intentionally or not.

The **Safety Selector** can be operated normally with the bolt assembly either in the closed or open position. The safety on the Impulse blocks the trigger from moving and does not lock the bolt from moving. The bolt can be opened or closed with the **Safety Selector** in either position.



Figure 1 – Safety off, Ready to Fire position



Figure 2 – Safety on, Full Safe position

### 1.2 Ammunition

Use only the correct ammunition that matches what is marked on the barrel. The use of reloads, handloads, military surplus or any other commercial/non-commercial ammunition not manufactured to SAAMI (Sporting Arms and Ammunition Manufacturer's Institute, Inc.)/ANSI (American National Standards Institute) specifications will void the warranty. Be sure that any ammunition loaded into the firearm is in good, serviceable condition.

## Section 2 - Operating the Bolt Assembly

### 2.1 - Bolt Assembly Installation

**NOTE:** Before installing the bolt assembly, ensure that the barrel and chamber are clear of any ammunition or debris by looking through the barrel. Ensure that the magazine is removed from the firearm and that the safety selector is in the full safe position.

1. Place the **Safety Selector** into the **Full Safe** position and ensure that the firearm is clear of ammunition.
2. To ensure that the bolt assembly is cocked, hold the bolt body in one hand and rotate the **Bolt Handle** to the rear as far as it will go. At its rearmost travel, the spring-loaded **Extraction Plunger** will be fully visible - see Figure 3. This will lock the **Bolt Handle** to the rear. If the **Extraction Plunger** will not lock in place, ensure that the small slot for the ejector in the bolt head lines up with the ejector in the bolt head lines up

with the small slot in the bolt body – see Figure 4.



Figure 3

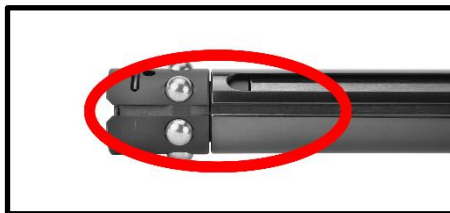


Figure 4

**NOTE:** The bolt assembly is designed to only be installed into the receiver with the bolt handle locked rearward and the bolt head oriented properly, as shown in Figures 3 & 4.

3. Align the large slot of the left side of the **Bolt Assembly** with the left side of the receiver and the **Bolt Release** - see Figure 5. Rotate the entire **Bolt Assembly** clockwise slightly. This will help to stop the ejector from binding when the bolt assembly is inserted.



Figure 5

4. Insert the **Bolt Assembly** into the receiver until slight resistance is met. Rotate the **Bolt Assembly** counterclockwise slightly and continue to slide it forward. The **Bolt Release** will snap into the slot of the bolt assembly.

## 2.2 - Cycling the Bolt Assembly

1. Place the **Safety Selector** into the **Full Safe** position and ensure that the firearm is clear of ammunition.
2. Push the **Bolt Handle** forward – see Figure 6.1. Once the bolt assembly is closed properly, the **Bolt Handle** will rotate forward slightly – see Figure 6.2.

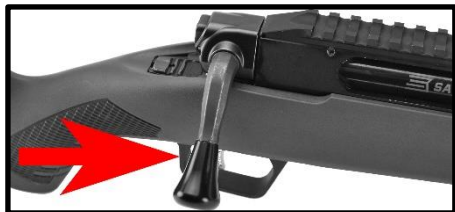


Figure 6.1



Figure 6.2

**NOTE:** At this point, the bolt assembly is fully locked and ready to fire if ammunition has been loaded into the chamber.

## 2.3 - Cocking Indicator / Quick Release Button

This button at the rear of the **Bolt Assembly** has two features. First, it acts as a **Cocking Indicator**. With the bolt assembly in the fully locked position and ready to fire, this button will be in the near vertical position – see Figure 7.1. Once the firearm has been fired, the button will move forward and will no longer be vertical – see Figure 7.2.

**NOTE:** The main purpose of the cocking indicator is to visually show when the firearm is cocked and ready to fire. It is not a loaded chamber indicator nor a safety device which can be relied upon to prevent negligent discharge.



Figure 7.1



Figure 7.2

This button, the **Quick Release Button**, also will allow the bolt to be unlocked and pulled rearward if the firearm has not been fired.

1. Place the **Safety Selector** into the **Full Safe** position.

2. Press forward the top of the **Quick Release Button** with your thumb and pull rearward on the **Bolt Handle** – see Figure 8.



Figure 8

NOTE: In the instance that the firearm is fired, the bolt assembly will be able to be cycled without depressing the quick release button.

## 2.4 - Bolt Assembly Removal

1. Place the **Safety Selector** into the **Full Safe** position and ensure that the firearm is clear of ammunition.

2. If the firearm has not been fired, follow the steps described previously to unlock the bolt assembly.
3. With the **Bolt Assembly** at its rearmost travel in the receiver, it will be stopped by the bolt release. Without holding the **Bolt Assembly**, slide the **Bolt Release** forward and depress it into the receiver – see Figure 9.

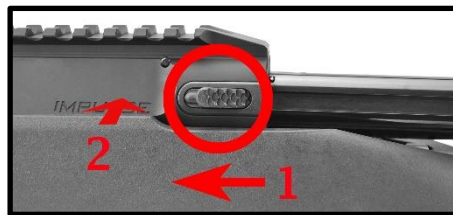


Figure 9

4. While holding the **Bolt Release** in, pull the **Bolt Assembly** out of the receiver.

## 2.5 - Customizing the Bolt Handle Position

The orientation of bolt handle on the Impulse can be changed to suit the shooter. There are 5 different positions on both the right and left sides of the bolt.

1. Remove the **Bolt Assembly** from the firearm as described in section 2.4.
2. To take pressure off of the extraction plunger, rotate the **Bolt Handle** rearward slightly and depress the spring-loaded **Extraction Plunger** at the top of the bolt assembly with your thumb or any non-marring object – see Figure 10. Allow the **Bolt Handle** to slowly rotate forward. The bolt assembly is now uncocked.



Figure 10

3. With the tip of an object, depress the **Small Button** opposite of the bolt handle and slide the **Bolt Handle Cap** off the bolt assembly – see Figure 11.

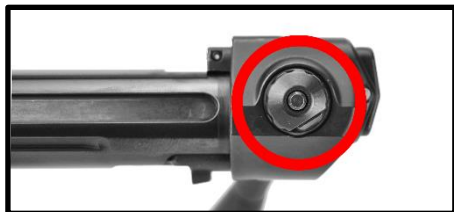


Figure 11

4. Pull the **Bolt Handle** out of the bolt assembly.

If the bolt handle is to be switched to the left side, follow steps 5 & 6. If not, skip to step 7.

5. Hold the **Bolt Assembly** in your hand. With your thumb, place pressure on the rear of the **Bolt End Cap** towards to front of the bolt assembly. Unthread the **Bolt Handle Post** counter-clockwise from the left side of the bolt assembly - see Figure 12.



Figure 12

6. While holding pressure on the **Bolt End Cap**, thread the **Bolt Handle Post** into the right side of the bolt assembly. Tighten it until it is snug and flush with the side of the **Bolt End Cap**.

NOTE: The **Bolt Handle** is keyed, so it can only be inserted in certain orientations.

7. Choose the desired angle and carefully reinsert the **Bolt Handle** into the bolt assembly.

**NOTE:** The keyway on the bolt handle will slide into bolt assembly – DO NOT FORCE THE BOLT HANDLE IN IF THERE IS SIGNIFICANT RESISTANCE. The position chosen will be the position on the bolt

handle once it is closed and fully locked into the receiver.

8. Slide the open end of the **Bolt Handle Cap** onto the **Bolt Handle Post** from the small end – see Figure 13.



Figure 13

9. Depress the **Small Button** and fully slide the **Bolt Handle Cap** onto the **Bolt Handle Post**.
10. To re-cock the bolt assembly, hold the bolt body in one hand and pull the **Bolt Handle** to the rear as far as it will go. At its rearmost travel, the spring-loaded **Extraction Plunger** will be visible - see Figure 3. in section 2.1.

11. Place the **Safety Selector** into the **Full Safe** position and ensure that the firearm is clear of ammunition.
12. Reinstall the **Bolt Assembly** into the receiver as described in section 2.1. Test the new orientation of the bolt handle. If a different position is desired, repeat the steps in this section as needed.

## 2.6 - Bolt Handle Knob

The bolt handle on the Impulse is threaded to receive different bolt knobs. The thread pattern is 5/16-24 UNF and 0.500" long. The bolt handle will accept most bolt knobs with that pattern.

1. Remove the **Bolt Assembly** from the firearm as described in section 2.4.
2. While carefully holding the bolt assembly, being sure not to damage the finish, use a ¼" hex key to remove the stock **Bolt Knob**.
3. Install your selected **Bolt Knob** following the manufacturer's instruction. If re-installing the

factory bolt knob, torque to 40 in-lbs using a ¼" hex key. A small amount of low strength, removable tread locker may be used if desired.

4. Reinstall the **Bolt Assembly** into the firearm as needed as described in section 2.1.

## 2.7 - Bolt Head Removal and Installation

1. Remove the **Bolt Assembly** from the firearm as described in section 2.4.
2. To take pressure off of the extraction plunger, rotate the **Bolt Handle** rearward slightly and depress the spring-loaded **Extraction Plunger** at the top of the bolt assembly with your thumb or any non-marring object – see Figure 10 in section 2.5. Allow the **Bolt Handle** to slowly rotate forward. The bolt assembly is now uncocked.
3. Depress the rear of the **Bolt Head Lock Plunger** with your finger – see number 1 in Figure 14. This will allow the **Bolt Head** to be rotated

counter-clockwise and pulled away from the bolt assembly – see number 2 in Figure 14.

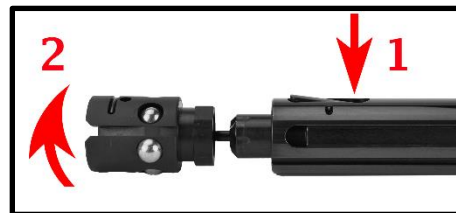


Figure 14

4. Install the **Bolt Head** onto the front of the bolt assembly with the slot in the bolt head lined up with the large slot in the bolt body – see Figure 15.



Figure 15

5. Push the **Bolt Head** towards the bolt assembly. Once it is seated, rotate

the **Bolt Head** clockwise until the slot in the bolt head lines up with the small slot in the bolt assembly as shown in Figure 4 in section 2.1.

6. Depress the front of the **Bolt Head Lock Plunger** so that it is flush with the bolt assembly.
7. Hold the bolt body in one hand and rotate the **Bolt Handle** to the rear as far as it will go. At its rearmost travel, the spring-loaded **Extraction Plunger** will be fully visible - see Figure 3 in section 2.1.
8. Reinstall the **Bolt Assembly** into the firearm as needed as described in section 2.1.

### **Section 3 - Loading / Firing / Unloading**

#### **3.1 - Loading Procedure**

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

***ALWAYS BE SURE THE FIREARM (ESPECIALLY 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!***

1. Place the **Safety Selector** into the **Full Safe** position and open the bolt assembly.
2. If the magazine is currently installed in the firearm, press the **Magazine Release** either forward or rearward depending on model – see Figures 16.1 and 16.2 – and remove the **Magazine** from the firearm.



Figure 16.1 – Savage Style Magazine





Figure 16.2 – AICS Style Magazine

3. Load the correct ammunition cartridges into the **Magazine** by pressing downward on the cartridge and sliding it to the rear, filling the magazine to its capacity.
4. Insert the **Magazine** into the magazine well in the stock by engaging the rear first and then pressing upward on the front until the latch is fully engaged.
5. Moving the **Bolt Handle** forward will push the first cartridge from the magazine into the chamber.
6. Be sure the ensure that the **Safety Selector** is still in the **Full Safe** position.

**WARNING: WHEN THE BOLT CLOSES, A LIVE SHELL WILL BE LOADED INTO THE CHAMBER – BE SURE THE MUZZLE IS POINTED IN A SAFE DIRECTION! NEVER COUNT ON THE MECHANICAL SAFETY – ALWAYS KEEP YOUR FINGERS AND ANY OTHER OBJECTS CLEAR OF THE TRIGGER. ALWAYS KEEP THE SAFETY SELECTOR IN THE FULL SAFE POSITION UNTIL READY TO FIRE.**

**ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**

### 3.2 - Firing Procedure

**NOTE:** Always wear eye and ear protection when shooting. Be sure to always keep body parts away from the magazine, ejection port, loading port and bolt handle. Moving parts, gases or other debris can escape and may cause burns or cuts under normal operation or in the unlikely event of a case failure.

**CAUTION** – always keep the safety on and your finger off the trigger until you have clearly identified your target, lined up your sights on the intended target and verified that the backstop is clear.

**CAUTION** – Shooting a firearm with a right-sided ejection port, left-handed (or a firearm with a left-sided ejection port, right-handed) will put your face in the path of the forcefully-ejected case, as well as any hot gases, sparks or particles that may result from firing.

1. Move the **Stock** firmly into your shoulder. After confirming your target and a safe backstop, move the **Safety Selector** to the **Ready to Fire** position – the **Red Indicator** will be visible.
2. Place your finger in the **Trigger Guard** and when you have identified your target, press rearward on the **Trigger** slowly. Once finished firing, place the **Safety Selector** into the **Full Safe** position.

### 3.3 - Unloading Procedure

**NOTE:** The **Safety Selector** should be set to the **Full Safe** position while unloading any ammunition from the firearm. Always be sure to keep the muzzle pointed in a safe direction.

1. Place the **Safety Selector** into the **Full Safe** position.
2. Press the **Magazine Release** either forward or rearward depending on model – see Figures 16.1 and 16.2 in section 3.1 – and remove the **Magazine** from the firearm.
3. Be sure to keep fingers and other objects away from the trigger and trigger guard area. If the firearm has been fired, pull the **Bolt Handle** fully rearward to extract and eject the fired shell. If the firearm has not been fired, press forward the top of the **Quick Release Button** with your thumb and pull the **Bolt Handle** fully rearward – see Figure 8 in section 2.3 – to extract and eject the unfired shell.

4. Visibly and physically inspect the chamber to be clear of ammunition. Double check the chamber to ensure it is completely free of ammunition. In a situation where the extractor fails, the bolt may not extract the cartridge.

## Section 4 – AccuTrigger™

### 4.1 - Accutrigger Operation

The Savage AccuTrigger is a user adjustable trigger for weight along with adding an additional level of safety. The AccuRelease™, the blade within the trigger, will block the sear in an instance when the trigger is not depressed properly. Under normal operation, while pressing straight back on the trigger, the AccuRelease will allow the sear to move and fire the firearm. Any excessive jarring or pressing the trigger without depressing the AccuRelease may cause the sear to move – see Figure 17.

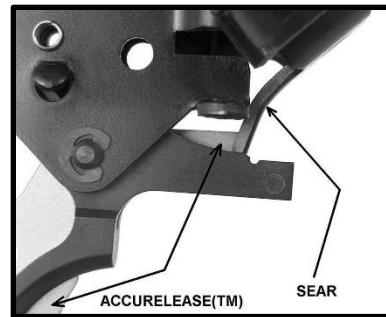


Figure 17

As designed, the AccuRelease will prevent the sear from moving and “lock” to trigger. When the sear is in this locked position, the firing pin is restrained within the bolt assembly preventing it from hitting the primer. The “click” that is heard is the sear being blocked by the AccuRelease, not the firing pin.

In the case that the trigger is locked by the AccuRelease, the bolt assembly will need to be re-cocked in order to reset the sear.

1. Place the **Safety Selector** into the **Full Safe** position.
2. Depress the **Quick Release Button** and pull rearward on the **Bolt Handle**, as outlined in section 2.3, until the bolt assembly moves rearward. The bolt assembly does not need to be pulled fully rearward in order to reset the sear.
3. Push forward on the **Bolt Handle** to close the bolt assembly as outlined in section 2.2.

## 4.2 - Adjusting the AccuTrigger™

**NOTE:** The **Safety Selector** should be set to the **Full Safe** position and the firearm fully clear of ammunition while adjusting the AccuTrigger. Always be sure to keep the muzzle pointed in a safe direction.

1. Place the **Safety Selector** into the **Full Safe** position. Remove the **Magazine** and open the **Bolt Assembly**. Ensure that the firearm is clear of ammunition.
2. Directly behind the trigger guard, there is an access point to adjust the AccuTrigger. Insert the slotted end of the provided **AccuTrigger Adjustment Tool** into the access point – see Figure 18. Rotate the tool until you feel the slot engage with the end of the spring.



Figure 18

**NOTE:** The supplied AccuTrigger Adjustment Tool may vary slightly in appearance from the one depicted above.

3. To adjust towards a higher trigger weight, rotate the tool clockwise. The maximum weight is at the point where the spring “clicks” when rotated.
4. To adjust towards a lower trigger weight, rotate the tool counterclockwise. The minimum weight is at the point when the resistance increases. Do not force the tool any further at the point the resistance increases.
5. To test the new trigger weight, do not install the magazine into the firearm or any ammunition into the chamber. Close the **Bolt Assembly**, place the **Safety Selector** into the **Ready to Fire** position and dry fire the firearm.

If you are not satisfied with the trigger weight, repeat steps 1 through 5.

## Section 5 - Stock Removal and Installation

### 5.1 - Stock Removal

**NOTE:** Before removing the stock from/to the firearm, open the bolt assembly and ensure that the barrel and chamber are clear of any ammunition visually and physically checking the chamber. Ensure that the magazine is removed from the firearm and that the safety selector is in the full safe position.

1. Place the **Safety Selector** into the **Full Safe** position, open the **Bolt Assembly** and remove the **Magazine**. Ensure that the firearm is clear of ammunition.
2. While supporting the firearm properly, turn it upside down, with the muzzle directed away from you in a safe direction.
3. Locate the two action screws securing the stock to the receiver. On models with Savage style magazines, both screws will be

visible – one in front of the magazine well and one at the rear. You may need to move the magazine latch slightly – see Figure 19.1. On models with AICS pattern magazines, one screw will be in front of the mag well and the second will be visible through the access hole in the magazine latch – see Figure 19.2.



Figure 19.1 – Savage Style Magazine



Figure 19.2 – AICS Style Magazine

4. Using a 1/8" hex key, loosen and remove the **Front Action Screw** securing the stock to the receiver.
5. Using a 1/8" hex key, loosen and remove the **Rear Action Screw** securing the stock to the receiver.
6. Remove the **Stock** by lifting it straight up.

### 5.2 - Stock Installation

**NOTE:** Before installing the stock from/to the firearm, open the bolt assembly and ensure that the barrel and chamber are clear of any ammunition visually and physically checking the chamber. Ensure that the magazine is removed from the firearm and that the safety selector is in the full safe position.

1. Place the **Safety Selector** into the **Full Safe** position, open the **Bolt Assembly** and remove the **Magazine**. Ensure that the firearm is clear of ammunition.
2. While supporting the firearm properly, carefully lower the **Stock**

- onto the action. Be sure to line up the stock so that the trigger group seats into the trigger guard area.
3. Install the **Trigger Guard/Magazine Well** into the cavity in the stock.
  4. Install the **Action Screws** into the trigger guard/magazine well. The longer screw goes at the rear of the magazine well and the shorter screw goes at the front of the magazine well. Tighten these screws down only a few turns, they should be left slightly loose at this point.
  5. Carefully lift the firearm up so that the recoil pad is sitting on a solid surface and the barrel is pointed upward.
  6. Putting downward pressure on the barrel to seat the recoil lug firmly in the stock, tighten the rear **Action Screw** first and then the front **Action Screw** securely. Torque to 65 in-lbs.

## Section 6 – Optic Mounting

### 6.1 - Mounting a Scope

The receiver on the Impulse family of rifles has an integral scope mounting rail machined directly in it as part of the design. This eliminates the need for scope bases to be installed to the receiver. This integral scope mounting rail is machined to accept either Weaver™ style or Picatinny style rings with multiple mounting locations. There are many high-quality scope ring manufacturers available in the marketplace. Please follow the ring manufacturer's recommendation for their torque for tightening ring cross bolts.

The integral rail machined into the receiver on the Impulse family of rifles has a 20 MOA downward angle built into it by design. This will allow the user to save elevation adjustment for longer distance shots if needed.

## Section 7 - Maintenance

### 7.1 - Routine Maintenance

Your firearm is a mechanical device which will require routine, periodic maintenance.

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 Two 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.)
  - 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.**

## 7.2 - Cleaning and Care of Your Firearm

**NOTE:** Only attempt to clean an unloaded firearm. Visually and physically verify that the firearm is unloaded before beginning any cleaning. Be sure to place the **Safety Selector** into the **Full Safe** position. Be sure to read and follow any warnings and manufacturer's instructions on any chemicals or solvents used.

1. Place the **Safety Selector** into the **Full Safe** position and follow the unloading instructions outlined in section 3.3.
2. Prepare an area for cleaning the firearm with a suitable surface, adequate ventilation, correct caliber cleaning rod, brush, patches, powder solvent, and oil.
3. Remove the **Bolt Assembly** as described in section 2.4.
4. Lay the firearm horizontally with the ejection port facing down on a soft surface.
5. Using a small amount of powder solvent on a cleaning brush, push

the cleaning rod through the barrel several times. Always start the brush from the chamber end and push the cleaning rod through the bore and out the muzzle end.

6. Unscrew the brush from the cleaning rod and replace it with a patch tip.
7. Push a new patch through the bore starting from the chamber end and out the muzzle.
8. Repeat the prior step (# 7) several times.
9. Push a new patch saturated with gun oil through the bore.
10. Push a new dry patch through the bore to remove the excess oil.
11. With a soft cloth, remove any foreign matter (i.e. mud, twigs, grass).
12. Apply a thin coat of gun oil on all cleaned metal surfaces. Rubbing may be necessary to remove any signs of rust.
13. When done, always verify that the Two Position Safety is operational as explained in the beginning of Section 1.1.

**NOTE:** Be sure to carefully check the bore to ensure that it is clear of any obstructions (i.e. pieces of cleaning patch, etc.) before assembling the bolt assembly back into the firearm.

## 7.3 – Bolt Assembly Lubrication

In order to maintain peak performance, there are a few locations that require lubrication. Apply a small amount of quality gun oil to the following areas of the bolt assembly:

- Apply a light coat of oil on the entire **Bolt Body**, including the large groove in the bolt body for the bolt release.
- Place a small drop of oil on top of the **Extraction Plunger**. Allow it to coat all surfaces of the extraction plunger.
- Place a small drop or two of oil on the **Striker Assembly** at the rear of the underside of the bolt assembly.
- Lightly oil the entire bolt raceway in the receiver.

## Statement of Limited Warranty

*Who is covered?*

The original owner (with proof of purchase).

*How long is the warranty period?*

One (1) year from the date of purchase.

*What is covered?*

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

*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 the Savage Arms 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. Savage Arms 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

All firearms within the United States should be sent to Savage Arms. Firearms owned by individuals in Canada cannot be returned directly to Savage Arms due to import/export laws. Please call our Customer Service number listed below for information on warranty repairs. For repairs outside of North America, please contact your local firearms distributor.

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 MAGAZINE, chamber, or placed in the box. For the safety of all involved, please be sure there is no ammunition in either the chamber, 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 if parts could be purchased, please call 413-568-7001 or 1-800-370-0708 between 8:00 AM and 5:00 PM Eastern Time and ask for the Service/Warranty Department.

All firearms are to be sent to Savage Arms 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 100 Springdale Road Westfield, MA 01085 Attn: Service Department