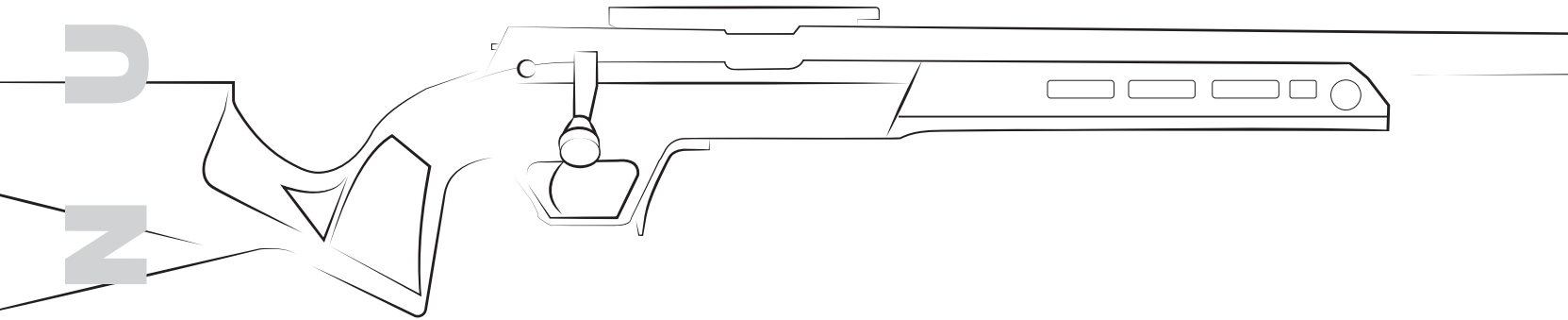


**ASEND**



**RETAY**

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**WARNING:** The information in this manual applies to all ASEND rifles.

## BEFORE LOADING AND FIRING THIS FIREARM, READ AND UNDERSTAND THE INFORMATION IN THIS MANUAL.

Retay ASEND rifle is a manually operated bolt action rifle consisting of a receiver assembly, barrel, stock and detachable magazine. See pages 24 and 26 for complete part description. The firearm is able to fire both with and without the magazine in place.

**REMOVING THE MAGAZINE DOES NOT UNLOAD THE FIREARM NOR DOES IT ENGAGE A SAFETY. THE FIREARM IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.**

### ABOUT YOUR OWNER'S MANUAL

This is an instruction booklet on how to operate this firearm with some basic safe handling rules. It does not attempt to provide information about using a firearm to defend yourself, how to hunt, or for competitive or target shooting. It is important to receive training from a competent firearms instructor prior to engaging in any of these activities. If you have a license to carry concealed, never do so without prior instruction from a certified instructor. Using a firearm for self-defense is a complex

subject with dangers and risks for which you must be properly trained. Every safety rule has a reason behind it - read the rules carefully and understand why each is important for safety.

It is recommended that every person receive instructions from a competent firearms instructor before handling this or any other firearm.

Know and obey all firearms laws and regulations, which may vary from country to country. Do not give a firearm to someone who is not allowed to own a firearm or who may use it for a criminal purpose.



### Used firearms

If you purchased this firearm as a used firearm, have it inspected and tested by a competent gunsmith before you use it. Guns are sometimes altered and may require repair before they can be used safely.

## IMPORTANT SAFETY NOTICE

This manual contains important safety, operating, care, and maintenance instructions. To ensure safe operation of the firearm any user of this firearm must read and understand this manual before use. Failure to follow the instructions and heed the warnings in this manual may result in property damage, personal injury, and/or death. This manual should always accompany this firearm and be transferred with it upon change in ownership.



## FIREARM SAFETY RULES

### 1.ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

**This is the most important rule of firearm safety.** A safe direction is one in which an accidental discharge will not cause injury to yourself or others. Do not point your firearm at anything you don't intend to shoot. Pay particular attention to your muzzle when loading and unloading. Treat every firearm as if it were loaded. If you keep your firearm pointed in a safe direction no one will be injured by an accidental discharge.

### 2. FIREARMS SHOULD BE UNLOADED WHEN NOT ACTUALLY IN USE.

Load your firearm only when you're in the field or on the range and ready to fire. Never allow a loaded firearm out of your sight or your hands. As soon as you are finished shooting unload your firearm; do not wait until you carry it to your car, camp, or home. "Unloaded" means there is no ammunition in the chamber or the

magazine. Keep the firearm's action open when not in use. Never assume a firearm is unloaded; always check for yourself even if you were the last person to use it. Before handling the firearm or handing to someone else visually inspect the chamber, receiver, and magazine to be certain it is unloaded. These rules should be followed even if the firearm is equipped with an internal or external security measure (e.g., cable lock, trigger guard, etc.).

Safe storage is as important as safe handling; do not store your firearms loaded. Store ammunition securely and separate from your firearms. Keep your firearms stored and secured in a safe location where unauthorized persons cannot access them without your knowledge and permission. **It is especially important to secure your firearms in such manner and location that children do not gain access to them.**

### 3.DO NOT RELY ON THE FIREARM'S SAFETY.

Treat every firearm as if it can fire at any time where or not there is pressure on the trigger. Although very unlikely, because a firearm's safety is a mechanical device it can fail. The more likely reason a firearm's safety can fail is human error. You may think the safety is on when it is not or improper handling of the firearm may result in accidentally disengaging the safety. You may not think or recognize there is ammunition in the firearm. The safety is a backup to proper firearm handling and operation; it is not a substitute for common sense and awareness on behalf of the user.

Do not touch the trigger until you are ready to shoot and keep your fingers away from the trigger when loading and unloading. Do not pull the trigger when the safety is engaged or is located in between safe and fire.

### 5. USE THE PROPER AMMUNITION FOR YOUR FIREARM.

Using a single round of improper or incorrect ammunition can destroy a firearm and cause serious personal injury. It is your responsibility to make sure the ammunition you use is a match for the caliber or gauge of your firearm and is in proper working order. Always follow instructions on ammunition boxes.

Only use ammunition loaded by an ammunition manufacturer. **Never use ammunition which is damaged, corroded, or otherwise defective, or ammunition which is dirty, wet, dented, deformed or in which the bullet has been pushed back into the cartridge case. Never use foreign military surplus ammunition, or other ammunition of questionable quality, age or origin.** Handloaded or reloaded ammunition that deviates from manufacturer specifications can be extremely dangerous and result in numerous firearm malfunctions or complete destruction of the firearm. The use of reloaded, "remanufactured" or handloaded ammunition, unjacketed lead ammunition or any ammunition which is not to the appropriate SAAMI or NATO standards, will **VOID THE WARRANTY** and may be unsafe, possibly causing damage to the firearm, serious personal injury or death.

### 4.BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.

Do not fire unless you know exactly where your shot is going and what it will strike. Be sure your bullet will not injure anyone or anything beyond your target. Do not fire at noises, movements, or patches of color. Be sure your shot has a backstop such as a hillside or dense material. Know how far your shot will travel if you miss your target or the bullet ricochets.

### 6.IF YOUR FIREARM FAILS TO FIRE WHEN THE TRIGGER IS PULLED, HANDLE WITH EXTREME CAUTION.

If the ammunition does not fire when you pull the trigger, stop and recall the first rule; always keep the muzzle pointed in a safe direction. With the muzzle pointed in a safe direction wait at least 30 seconds – to ensure the ammunition is not delayed in firing – before engaging the safety, carefully opening the action while keeping your face away from the breech, unloading the firearm, and disposing of the failing round safely. Even though the cartridge may not have fired, continue to treat your firearm as if it can discharge.

### 7.ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING.

Exposure to the noise from firearm use can permanently damage hearing and flying debris, such as powder residue and ejected cartridge cases, can injure your eyes. To avoid injury, you should wear both eye protection (such as shooting glasses) and ear protection (such as sound-deafening headsets) when using your firearm. You should also wear eye protection when disassembling and cleaning your firearm to ensure that cleaning solvents and parts under tension do not come into contact with your eyes.

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

**Discharging a firearm with an obstruction in the barrel can result in personal injury, property damage or death.** Before you load your firearm, check the chamber and magazine to ascertain that no ammunition is inside. Also, check the inside of the bore to ensure it is free of obstructions. Even a small amount of mud, snow or excess lubricating oil or grease in the bore can cause excessive pressures resulting in a bulged or burst barrel which can injure or kill the shooter and bystanders. It is a good idea to make a habit of cleaning the bore and checking for obstructions with a cleaning rod just before each shooting session. If the noise or recoil experienced upon firing seems low or weak, or something doesn't feel "right," cease firing immediately, release the magazine, clear the firearm's chamber, engage the firearm's safety, and check to make sure that there is no obstruction in the barrel.

## 10. LEARN THE MECHANICS AND HANDLING CHARACTERISTICS OF THE FIREARM.

This manual should be read prior to usage of the firearm. Not all firearms are the same and as such the method of handling the firearms will vary with the mechanical characteristics of the firearm. Anyone who plans to use a firearm should first become completely familiar with the type of firearm and the safe handling procedures for loading, unloading, carrying, shooting, and storage.

## 9. DO NOT ALTER OR MODIFY YOUR FIREARM AND HAVE IT REGULARLY SERVICED.

Your firearm has been designed to operate according to certain factory specifications. **Modification of the mechanical components of your firearm will void your warranty.** Additionally, modification may jeopardize the safety of yourself and others.

As a mechanical device your firearm is subject to wear and must be maintained and periodically serviced to ensure optimum performance and safety. Only a qualified service provider should service, repair, or modify your firearm. Contact Retay to arrange for servicing of your firearm by Retay or one of its authorized repair centers.

Proper cleaning and lubrication are important to ensure firearm reliability, accuracy, and safety. Before cleaning always make sure the firearm is unloaded checking both the chamber and magazine. Make it a practice to clean your firearm after every use. Additionally, you should clean the barrel from the chamber end to muzzle prior to usage. If your firearm has been stored for a long time without use be sure to clean and lubricate the firearm. Cleaning is also important following exposure to conditions such as rain, dirt, mud, snow, sleet, or saltwater. Do not overlubricate your firearm.

## 11. DO NOT UNDER ANY CIRCUMSTANCES OPERATE THIS FIREARM WHILE UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.

Do not handle firearms after consumption of alcohol or taking drugs that can affect your mental or physical state as you cannot handle a firearm safely while under the influence. If you are taking prescription medication seek your doctor's advice to be sure that you are able to handle and shoot a firearm safely.

## 12.WARNING; LEAD EXPOSURE.

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, cancer and other serious injury. Have adequate ventilation at all times when shooting. Wash hands thoroughly after exposure.

**Most ammunition and cartridge primers contain lead, which is a toxic(poisonous) substance!** With most types of ammunition, shooting a firearm produces vapor and particles of lead, which is a toxic (poisonous) substance. Especially (but not only) in poorly ventilated range areas, breathing air which contains the lead vapor and particles is harmful to one's health, and can result in lead poisoning. Pregnant women, unborn fetuses, nursing mothers, infants and young children are especially susceptible to the risks of lead ingestion. Handling, firing and cleaning firearms, and handling ammunition, empty cartridge cases, target frames and other range equipment can deposit lead on one's hands and face, which can then be ingested (swallowed) if one drinks, eats or chews gum or tobacco products without first washing the hands and face. Lead poisoning can result in brain damage, nervous system disorders, digestive ailments, birth defects, and other serious physical effects or death. Shoot only in well ventilated areas. Minimize the period of time you remain on indoor shooting ranges, leaving when you are done firing. Do not eat, drink, chew, smoke, or engage in any other hand-to-mouth activity while shooting. Wash the hands and face thoroughly with soap and cool water as soon as you are finished shooting, and before eating or drinking. Do not collect fired brass in your hat, or put fired brass in your pockets. When you return from shooting, especially on an indoor range, change and wash your clothing. Do not allow children to handle or play with fired cases, shooting equipment, range bags, or shooting clothing. Consider using rubber gloves when cleaning firearms, to prevent lead and solvent from being absorbed into your skin. Wash thoroughly with soap and cool water after cleaning firearms. Take proper precautions if you reload ammunition or cast lead bullets. If you notice any symptoms or believe you may have been exposed to excessive amounts of lead, consult your physician.

## 13.RECEIVE INSTRUCTION IN FIREARM USAGE.

No manual can provide you with the benefits of firearms instruction by a properly qualified individual. If you are not an experienced firearms user you should obtain training in the safe and proper use of firearms by attending one of the many safety and shooting courses offered by the National Rifle Association, gun clubs and ranges, gun shops, shooting schools, or other qualified source of instruction.

## 14.BE MINDFUL OF SQUIB CARTRIDGES

**WARNING!** If you experience a weak report (weak gunshot sound) or light recoil upon firing, you may have fired a “squib” (underpowered) cartridge, which may have left a bullet or wad lodged in the barrel. STOP FIRING IMMEDIATELY. Engage the safety button by moving it to “Safe”. “Clear” (unload) the firearm, leaving the safety button on “Safe”, the firearms unloaded and cartridge drop lever pressed. Then field strip the firearm and look through the bore from the rear to be sure it is unobstructed. If the bore is unobstructed, you may reassemble and load the firearm and continue firing. If there is an obstruction in the bore, the firearm should be taken to a qualified gunsmith or certified armorer, or returned to the factory, for the obstruction to be removed and the barrel to be inspected for damage before continuing to use the firearm. NEVER attempt to “shoot out” an obstruction by firing another cartridge, even a cartridge from which the bullet has been removed, in the firearm. Damage to the firearm, serious injury or death could be the result!

## SAFETY DEVICE

The ASEND rifle is equipped with a manual safety located on the upper rear right of the receiver. Any time the firearm is loaded the safety selector should be moved rearward to the “SAFE” position which exposes a white dot (Figure 1). To fire, simply push the safety selector forward to the “FIRE” position which exposes a Red Dot (Figure 2). Return to the “SAFE” position after reloading.

The ASEND rifle also has a chamber indicator on its bolt cap, which shows whether a round is chambered or not. When the small pin is protruded and red circle is visible, it means that there is a round present in the chamber



Figure 1



Figure 2

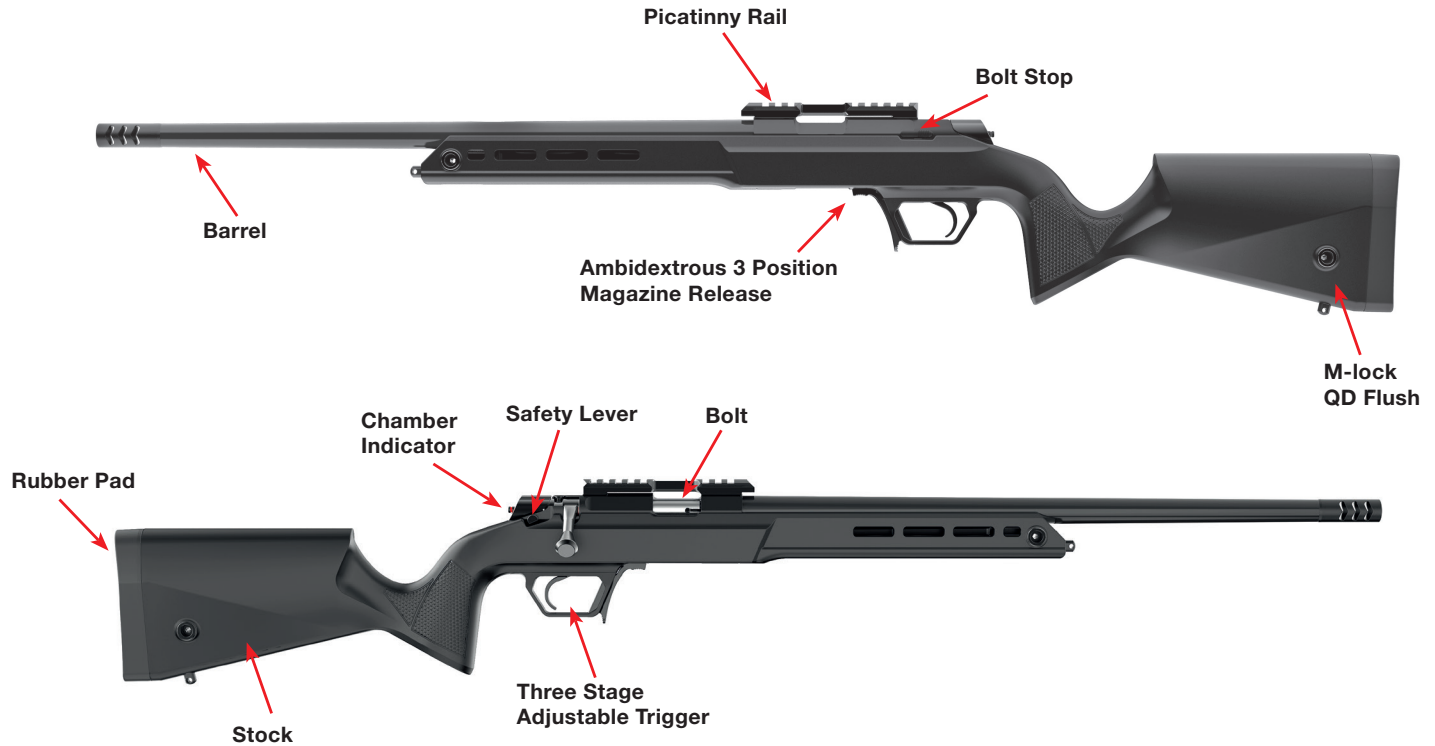


### WARNING

Never attempt to press the trigger and lower the bolt handle on a loaded round! Doing so will put the rifle in an unsafe and dangerous condition!



## KNOW YOUR FIREARM



## ADJUSTABLE TRIGGER

Some Retay ASEND rifles are equipped with an adjustable trigger system. The trigger weight is preset at the factory at between 4.0 - 4.5 lbs (1.8 - 2 kg). The range of trigger pull weight is 4.0 - 5.5 lbs (1.8 - 2 kg). Do not attempt to adjust below the minimum trigger weight as this will put the rifle in an unsafe condition!



### WARNING

It is recommended to operate your trigger at, or above factory setting.

The trigger is factory set at between 4.0 - 4.5 lbs (1.8 - 2 kg). and can be adjusted in increments . To adjust pull weight, remove the action from stock (See page 20). Insert the supplied hex wrench into the adjustment screw located on the front vertical surface of the trigger housing (Figure 3). To increase pull weight, rotate the adjustment screw clockwise. Exercise caution when adjusting your pull weight and perform safety checks A-G on the right side of this page prior to using live ammunition.



Figure 3

After any trigger adjustment check trigger safety and function **PRIOR** to using your firearm, perform the following tests.

**WITHOUT AMMUNITION** to verify proper function.

- A. Safety on and cycle action - firing pin should **NOT** drop/fall.
- B. Safety off and cycle action - firing pin should **NOT** drop/fall.
- C. Safety on, cycle action, pull trigger lever - firing pin should **NOT** drop/fall .
- D. Safety off, cycle action, pull trigger lever - firing pin should drop/fall.
- E. Safety on, cycle action, move safety to fire position - firing pin should **NOT** drop/fall.
- F. Safety on, cycle action, squeeze trigger lever firmly (No audible clicks should be heard while squeezing the trigger lever), release lever, cycle safety to fire position - firing pin should **NOT** drop/fall.
- G. Safety off, cycle action, and tap the buttstock - firing pin should **NOT** drop/fall (**NEVER PERFORM THIS STEP WITH LIVE AMMUNITION**)

## MUZZLE DEVICE

Some Retay ASEND rifles are equipped with a threaded barrel and a removable thread protector. The barrel is threaded with the common 1/2 - 28 thread feature.

## BOLT KNOB

Retay ASEND rifles are equipped with a removable/replaceable bolt knob, the knob is threaded 5/16-24 . If the knob is replaced with an aftermarket product, before firing be sure the knob does not interfere with the scope or the stock.

**NOTE:** When the bolt is closed the knob should not contact the stock! A knob that is too large could prevent the bolt from fully closing which could create a hazardous condition.

## SCOPE MOUNT SPECS

Retay ASEND rifles come equipped with a one piece picatinny style scope rail. The rail is attached with 4, 8-40 socket screws. The mount screws should not be tightened in excess of 25in lbs.

## DETERMINE FIREARM IS UNLOADED/SAFE

Always make sure firearm is unloaded before handling.

1. **POINT FIREARM IN SAFE DIRECTION WHILE KEEPING YOUR FINGER OFF OF THE TRIGGER.**
2. Press magazine release button/lever to remove magazine (see page 17).
3. With finger off trigger, fully retract the bolt.
4. From above right and rear, carefully inspect chamber to make sure it is empty.
5. Close the bolt.

When chamber is empty, move the safety selector to “SAFE” or “S” (see page 9).



*Figure 4*



### **WARNING**

Never attempt to press the trigger and lower the bolt handle on a loaded round! Doing so will put the rifle in an unsafe and dangerous condition!



### **WARNING**

Firearm is not empty or unloaded until the magazine is removed and the chamber is empty. To properly clear a firearm, remove the magazine, then pull the bolt back and check the chamber.

## AMMUNITION

A firearm and ammunition are a system and must work together. There are different types of ammunition for different types of firearms. Your firearm has been designed for ammunition of a specific type and a specific gauge or caliber. It is important to select the proper ammunition for your firearm.

Locate the cartridge designation, for caliber, marked on the firearm's barrel (left side just forward of the action/receiver). This information indicates the correct ammunition that must be used in your firearm (Figure 5).

You are responsible for selecting ammunition that meets industry standards and is appropriate in type and caliber for this firearm.

***Never mix ammunition.***

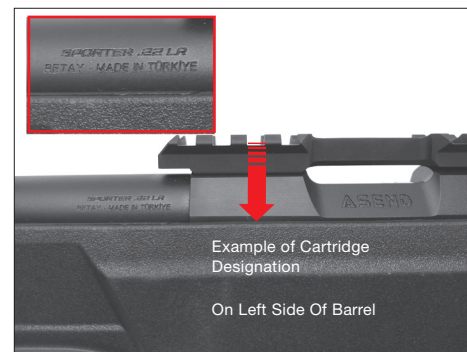


Figure 5



### WARNING

Never use ammunition not specifically designated for use in your firearm. Failure to use the correct type or caliber of ammunition may cause the firearm to jam, or fail to fire, or may generate excessive pressure which can damage or even rupture your firearm, causing personal injury or death to the shooter or bystanders.



### WARNING

Always inspect your ammunition before using it. Never use dirty, corroded or damaged ammunition. A burst cartridge may result, causing damage to the firearm and personal injury or death to the shooter or bystanders.



### WARNING

In some cases, a round of ammunition not specified on your firearm and not listed as alternate ammunition in this manual, may fit into the chamber. Firing this ammunition may cause a rupture resulting in damage to the firearm and personal injury or death to the shooter or bystanders.

## LOADING/PREPARING TO FIRE

1. Ensure you are using the proper caliber ammunition for your firearm (see page 14).

To Load Magazine:

A. Press the rim of the cartridge down through the rim guide opening and onto the magazine rotor compressing it slightly (Figure 6).

B. Slide the cartridge rearward under feed lips (Figure 7).

C. Press next cartridge on top of the loaded cartridge and press the rim down through the rim guide opening (Figure 8).

D. Slide the cartridge rearward under the feed lips.

Use only clean, dry, original high quality commercially manufactured ammunition.

### 2. POINT FIREARM IN A SAFE DIRECTION AND KEEP

FINGER OFF TRIGGER. Re-insert **LOADED** magazine into magazine well, located in bottom of firearm. Push firmly enough on bottom of magazine to make sure it is properly seated



#### CAUTION

Do not slam or forcefully jam magazine into magazine well.



Always wear eye and ear protection when using any firearm.

3. Charge the firearm by retracting the bolt rearward. Push the bolt forward, and rotate downward to load a cartridge into the chamber.

4. Move the safety to "SAFE" (see page 9) if not there already.

5. The firearm is now loaded and ready to fire.



#### WARNING

Never touch the trigger when loading or unloading the firearm.

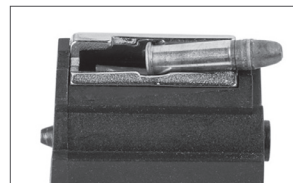


Figure 6



Figure 7

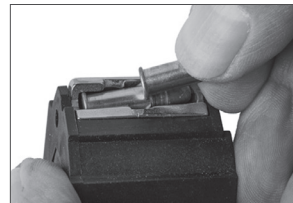


Figure 8

## FIRING

If you have never fired a firearm before, follow the sequence of operations shown here without ammunition or with snap caps.

Then load only one cartridge into the magazine for your first live ammunition firing.

1. **POINT FIREARM IN A SAFE DIRECTION WHILE KEEPING YOUR FINGER OFF OF THE TRIGGER.**
2. Load cartridge into chamber from magazine following the procedure described on page 15. Move safety selector to "SAFE" (see page 9) if not there already.
3. Grasp the firearm firmly. (Place buttstock against shoulder.)



### CAUTION

**THE FIREARM IS NOW READY TO FIRE. BE PREPARED FOR NOISE AND RECOIL WHEN FIREARM FIRES.**

4 . Aim firearm at target by aligning sights. Move safety selector to "Fire" (see page 9).

5 . Now lightly place finger on trigger, and slowly squeeze trigger to fire the firearm.

6 . To fire additional cartridges, lift and retract the bolt rearward to eject fired round. Push the bolt forward and rotate the bolt handle down 90° clockwise. This will load another cartridge for firing.

**REMOVING THE MAGAZINE DOES NOT UNLOAD THIS FIREARM NOR DOES IT ENGAGE A SAFETY. THIS FIREARM IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.**



**Always wear eye and ear protection when using any firearm.**

## UNLOADING

While pointing muzzle in a safe direction, remove the magazine by:

- a. pushing the magazine release lever from inside the bottom metal, (figure 9)
- b. pushing the extension of magazine release in front of the bottom metal, (figure 10)
- c. pressing the magazine release button. (figure 11)



### WARNING

Keep finger away from trigger when pushing magazine release lever forward.

3. With your finger off trigger fully retract the bolt, ejecting cartridge.
4. Verify chamber is empty.
5. Push bolt to closed position and apply safety.
6. Open bolt and re-inspect chamber to insure firearm is unloaded.



### CAUTION

Step 6 is a crucial part of the unloading process. Do not depend on the fact that no casing was ejected on clearing. There could still be a live round in the chamber for any number of reasons. Make certain that you inspect the chamber to make sure that it is clear.



### WARNING

Never attempt to press the trigger and lower the bolt handle on a loaded round! Doing so will put the rifle in an unsafe and dangerous condition!



### WARNING

Never touch the trigger when loading or unloading the firearm.



Figure 9



Figure 10



Figure 11



## MALFUNCTION WARNING!

If cartridge hangs up, jams or binds when being chambered from magazine into chamber, do not attempt to force it into the chamber by pushing.

**DO NOT COVER THE EJECTION PORT WITH YOUR HANDS WHEN LOADING/UNLOADING YOUR FIREARM.**

### 1. What to do:

- Point firearm in a safe direction while keeping your finger off of the trigger.
- Remove magazine .
- Open bolt and allow cartridge to fall from firearm .
- If cartridge does not fall free, remove bolt (See page 20) .
- Carefully dislodge cartridge .
- If cartridge cannot be removed, remove bolt, carefully store your firearm and magazines and take it to a competent gunsmith or call Retay customer service .

### 2. Whatever the cause, a jammed cartridge can be a dangerous situation.



Figure 12



#### WARNING

Always have firearm pointed in a safe direction.  
Failure to obey safety information may result in injury to you or others.



Always wear eye and ear protection when using any firearm.

## TO ELIMINATE MALFUNCTIONS

- First try changing type/brand of ammunition and/or magazine.
- If changing to another type/brand of ammunition and
- or magazine does not at once result in smooth feeding of cartridges from magazine to chamber, the following steps should be taken:
- Magazine should be removed first. Check chamber to be sure it and magazine well are clear of cartridges.
- Thoroughly clean magazine, paying particular attention to removing accumulated residue.
- Thoroughly clean breech mechanism of firearm.
- Use a bristle brush and solvent to remove residue and fouling from breech face, extractor, chamber and feed ramp.
- Check that magazine spring tension is adequate.
- Check that magazine lips are free of nicks and burrs and are not deformed.
- Remove excess oil and solvent from all cleaned components, load magazine and try firearm again.



### **WARNING**

An obstructed, cracked or damaged barrel should never be used and the firearm should be returned to Retay for inspection.

## FIELD STRIPPING & CLEANING



### CAUTION

Never allow live ammunition in the area while you are maintaining your firearms.

Before performing any cleaning or maintenance, make sure the firearm is completely unloaded (this includes the magazine and chamber).

**ALWAYS REMEMBER THE FIREARM IS ABLE TO FIRE WITH OR WITHOUT THE MAGAZINE IN PLACE.**

1. Always use proper eye protection when cleaning firearms.
2. POINT GUN IN SAFE DIRECTION WHILE KEEPING FINGER OFF THE TRIGGER.
3. Apply safety - 'S' (See page 9).
4. Remove magazine and unload firearm (See page 17).
5. Retract the bolt to its most rearward position.
6. Depress the rear surface of the bolt stop (Figure 13) and remove the bolt rearward (Figure 14).

The rifle is now field stripped for routine cleaning.

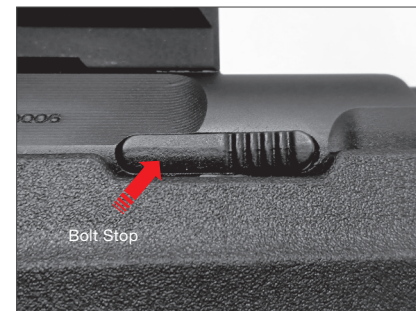


Figure 13



Figure 14



### WARNING

If you decide to disassemble your Retay firearm, do so properly. Improper disassembly and/or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.

## FIELD STRIPPING & CLEANING

### CLEANING THE BARREL

**WARNING**

Check the chamber and magazine to make sure there are no cartridges in the firearm.

1. Use the equipment provided in a suitable cleaning kit.
2. Remove the bolt assembly (See page 20).
3. Select the correct cleaning brush for your rifle's caliber and attach the brush to the cleaning rod.
4. Apply the proper solvent to the cleaning brush.

**NOTE:** Barrel should lay horizontally with the ejection port facing downward during cleaning. Always clean the barrel from the chamber to the muzzle.

5. Push the cleaning brush through the barrel several times, make sure the brush passes completely out the muzzle before retracting. You cannot change direction of the brush when brush is in the bore as this can jam the brush in the bore.
6. Remove brush from rod, attach the correct jag with patch, saturate with solvent, and push through the bore.
7. Repeat using a new patch each time, until the patch no longer shows fouling present.
8. Push a clean patch saturated with gun oil through the barrel.
9. Push a clean dry patch through the barrel to remove excess lubricant.
10. Apply a thin coat of oil to the outside of the barrel and action with a soft clean cloth.
11. After cleaning the barrel, clean the receiver.

**WARNING**

Verify the bore is not obstructed with cleaning patch verify muzzle device is clear.

## FIELD STRIPPING & CLEANING

### CLEANING THE RECEIVER

1. **ALWAYS POINT THE FIREARM IN A SAFE DIRECTION.**
2. Put the safety selector in the 'S' position (See page 9).
3. Remove the bolt assembly (See page 20).
4. Remove the action screw located in front of the magazine well and lift the action from the stock.
5. Thoroughly spray inside the receiver with a suitable aerosol action cleaner such as Gun Scrubber and allow to dry.
6. Replace the action and screws.
7. Lubricate (See page 23).

**NOTE:** Tighten the two actions front and back of the magwell first, do not exceed 35in lbs.

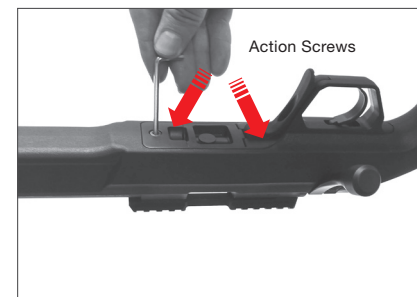


Figure 15

**NOTE:** Disassembly of the bolt is not required or recommended for routine cleaning.



#### WARNING

If you decide to disassemble your Retay firearm, do so properly. Improper disassembly and or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.

## REASSEMBLY

**NOTE:** REASSEMBLY PROCEDURES ON THE ASEND ARE THE SAME REGARDLESS OF CALIBER.



### CAUTION

Never allow live ammunition in the area while you are maintaining your firearms.

*Reassembly of the rifle is achieved by reversing the order of the disassembly steps.*

## LUBRICATION POINTS

1. Bolt body (Figure 17).
2. Inside of the receiver in the bolt way (Figure 16), and rear faces of the bolt locking lugs (Figure 18).

**NOTE:** Do not use grease in the bore of the bolt body or on the firing pin or spring.

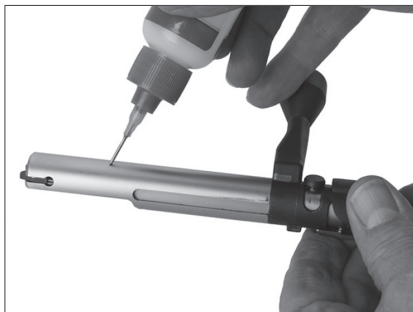


Figure 16



Figure 17




Figure 18


 **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## STATE-MANDATED WARNINGS

As Retay sells firearms in multiple states, the warnings mandated by the laws of various states are included herein.

### California

 **Warning:** Firearms must be handled responsibly and securely stored to prevent access by children and other unauthorized users. California has strict laws pertaining to firearms, and you may be fined or imprisoned if you fail to comply with them. Visit the website of the California Attorney General at <https://oag.ca.gov/firearms> for information on firearm laws applicable to you and how you can comply. 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. If you or someone you know is contemplating suicide, please call the national suicide prevention lifeline at 1-800-273-TALK (8255).

 **Advertencia:** Las armas de fuego deben ser manejadas de manera responsable y segura para evitar el acceso de los niños y otros usuarios no autorizados. California tiene leyes estrictas relativas a las armas de fuego, y usted puede ser multado o encarcelado si no las cumple. Visite el sitio web del Fiscal General de California en <https://oag.ca.gov/firearms> para obtener información sobre las leyes sobre armas de fuego que le son aplicables y cómo puede cumplir. Evitar el acceso de los niños manteniendo siempre las armas cerradas y descargadas cuando no estén en uso. Si usted guarda un arma de fuego cargada donde un niño lo obtiene y lo usa indebidamente, puede ser multado o enviado a prisión. Si usted o alguien que usted conoce está pensando en suicidarse, por favor llame a la línea nacional

de prevención del suicidio al 1-800-273-TALK (8255).

### Connecticut

UNLAWFUL STORAGE OF A LOADED FIREARM MAY RESULT IN IMPRISONMENT OR FINE.

### Florida

It is unlawful, and punishable by imprisonment and fine, for any adult to store or leave a firearm in any place within the reach or easy access of a minor under 18 years of age or to knowingly sell or otherwise transfer ownership or possession of a firearm to a minor or a person of unsound mind.

### Massachusetts

It is unlawful to store or keep a firearm, rifle, shotgun or machine gun in any place unless that weapon is equipped with a tamper-resistant safety device or is stored or kept in a securely locked container.

### New Jersey

It is a criminal offense, punishable by a fine and imprisonment, for an adult to leave a loaded firearm within easy access of a minor.

### New York City

Warning: Responsible firearm storage is the law in New York State, as defined by the NY Safe Act. Firearms must be stored in a safe or other secure container which, when locked, is incapable of being opened without the key, combination or other unlocking mechanism and is capable of preventing an unauthorized person from obtaining access to and possession of the device appropriate to that firearm. Leaving firearms accessible to a child

or unauthorized person may subject you to imprisonment, fine, or both. You may also face additional criminal penalties if the firearm is used by another negligently and civil liability.

### North Carolina

Section 14-315.1 Storage of firearms to protect minors. (a) Any person who resides in the same premises as a minor, owns or possesses a firearm, and stores or leaves the firearm (i) in a condition that the firearm can be discharged and (ii) in a manner that the person knew or should have known that an unsupervised minor would be able to gain access to the firearm, is guilty of a Class 1 misdemeanor if a minor gains access to the firearm without the lawful permission of the minor's parents or a person having charge of the minor and the minor: (1) Possesses it in violation of G.S. 14-269.2(b); (2) Exhibits it in a public place in a careless, angry, or threatening manner; (3) Causes personal injury or death with it not in self defense; or (4) Uses it in the commission of a crime. (b) Nothing in this section shall prohibit a person from carrying a firearm on his or her body, or placed in such close proximity that it can be used as easily and quickly as if carried on the body. (c) This section shall not apply if the minor obtained the firearm as a result of an unlawful entry by any person. (d) "Minor" as used in this section means a person under 18 years of age who is not emancipated.

### Washington

Warning: You may face criminal prosecution if you store or leave an unsecured firearm where a person who is prohibited from possessing firearms can and does obtain possession.

### Wisconsin

If you leave a loaded firearm within the reach

or easy access of a child you may be fined or imprisoned or both if the child improperly discharges, possesses or exhibits the firearm.

## LIMITATION OF LIABILITY

Retay excludes and will not be responsible for any incidental or consequential damages with respect to economic loss or injury to person or property, whether as a result of express or implied warranty, negligence or otherwise. Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation may not apply to you. Retay will not be responsible for the results of careless handling, unauthorized adjustments, defective, low quality, reloaded, or improper ammunition, corrosion, neglect, ordinary wear and tear, or unreasonable use. Furthermore, the liability of Retay under this warranty shall be limited solely to the obligation to repair or replace the firearm. Retay's obligations under this warranty shall not apply to the extent that any law, regulation, or other governmental requirement prohibits the repair, replacement, and/or return of the firearm to the person who sent the firearm to Retay.

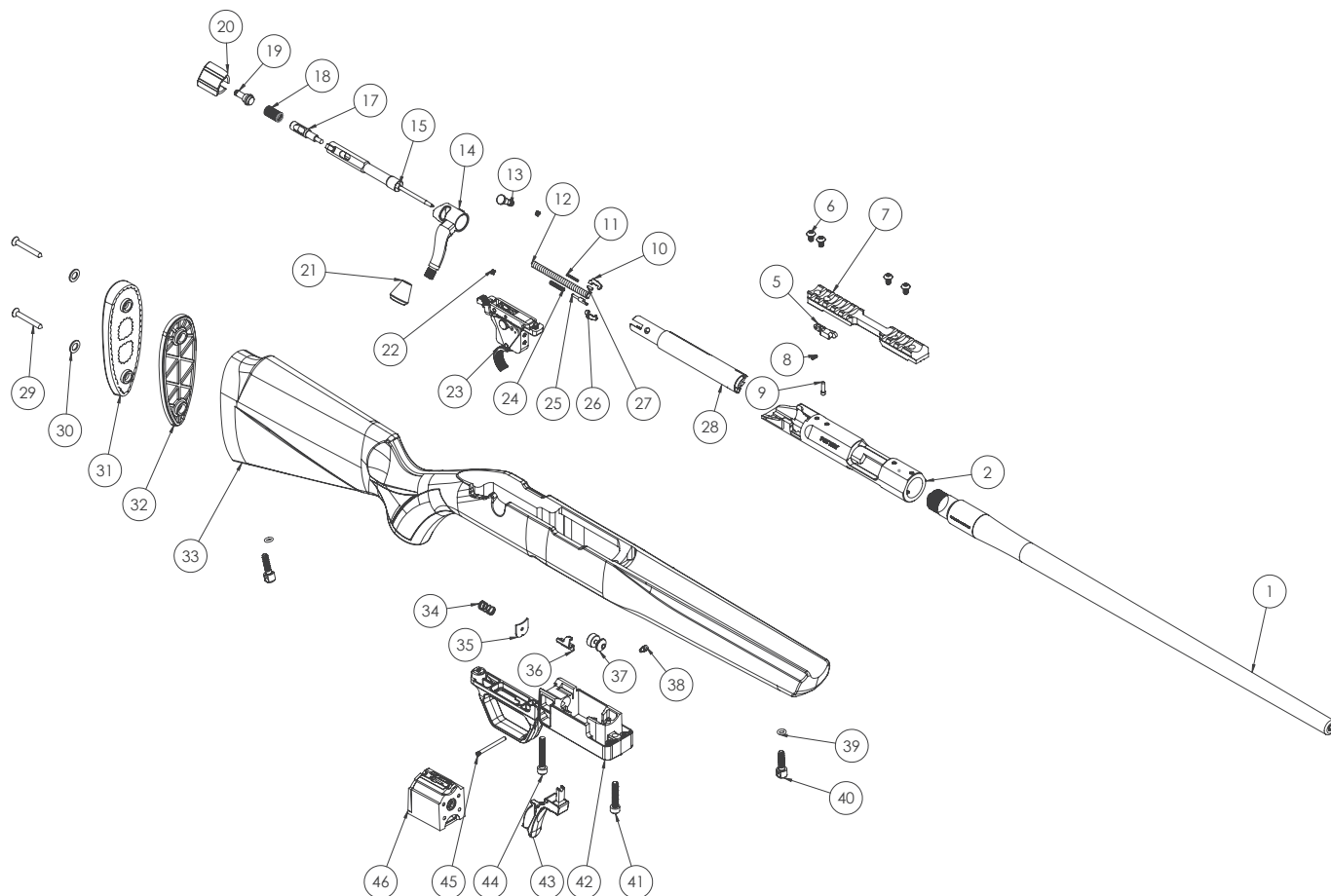
**ASEND WOOD STOCK**

NO	CODE	MATERIAL
1	BLT-NAM-0002	Barrel (Hunter)
2	ASN-GOV-0003	Receiver
5	BLT-DGM-0001	Bolt Stop
6	BLT-VID-0001	Picatinny Screw
7	ASN-KYK-0001	Picatinny
8	MD-YAY-0006	Button Spring
9	BLT-PIM-0021	Bolt Stop Pin
10	BLT-TRN-0002	Pusher
11	BLT-YAY-0004	Pusher Spring
12	BLT-YAY-0008	Striker Spring
13	BLT-PIM-0028	Striker Spring Retainer Pin
14	ASN-KKL-0004	Bolt Handle
15	BLT-IGN-0005	Striker Frame
17	ASN-PIM-0003	Striker Spring Pin
18	ASN-YAY-0001	Indicator Spring
19	ASN-IND-0002	Indicator

20	ASN-KPK-0002	Bolt Shroud
21	ASN-TPZ-0001	Bolt Knob
22	BLT-VID-0006	Bolt Shroud Screw
23	BLT-TET-0010	Trigger Group
24	BLT-YAY-0003	Extractor Spring
25	BLT-PIM-0029	Extractor Pin
26	BLT-TRN-0001	Extractor
27	BLT-PIM-0030	Pusher Pin
28	BLT-MKZ-0001	Bolt
29	MM-VID-0005	Butt Plate Screw
30	BLT-SGM-0001	Butt Plate Inner Ring
31	BLT-OMZ-0002	Butt Plate (Wooden Stock)
32	BLT-SPR-0002	Butt Plate Separator (Wooden Model)
33	ASN-DIP-0002	Wooden Stock
34	BLT-YAY-0010	Magazine Centering Spring

35	BLT-SAC-0003	Spring Plate
36	BLT-FAT-0001	Ejector
37	BLT-PIM-0005	Magazine Centering Pin
38	BLT-PIM-0020	Ejector Pin
39	BLT-PIM-0020	Striker Stop Pin Ring
40	MM-VID-0006	Sling Swivel Screw
41	BLT-VID-0011	Action Mounting Screw
42	ASN-KRK-0002	Trigger Guard
43	ASN-MAN-0002	Magazine Release
44	BLT-VID-0012	Trigger Guard Screw
45	BLT-PIM-0009	Magazine Release Pin
46	ASN-MGZ-0001	Magazine



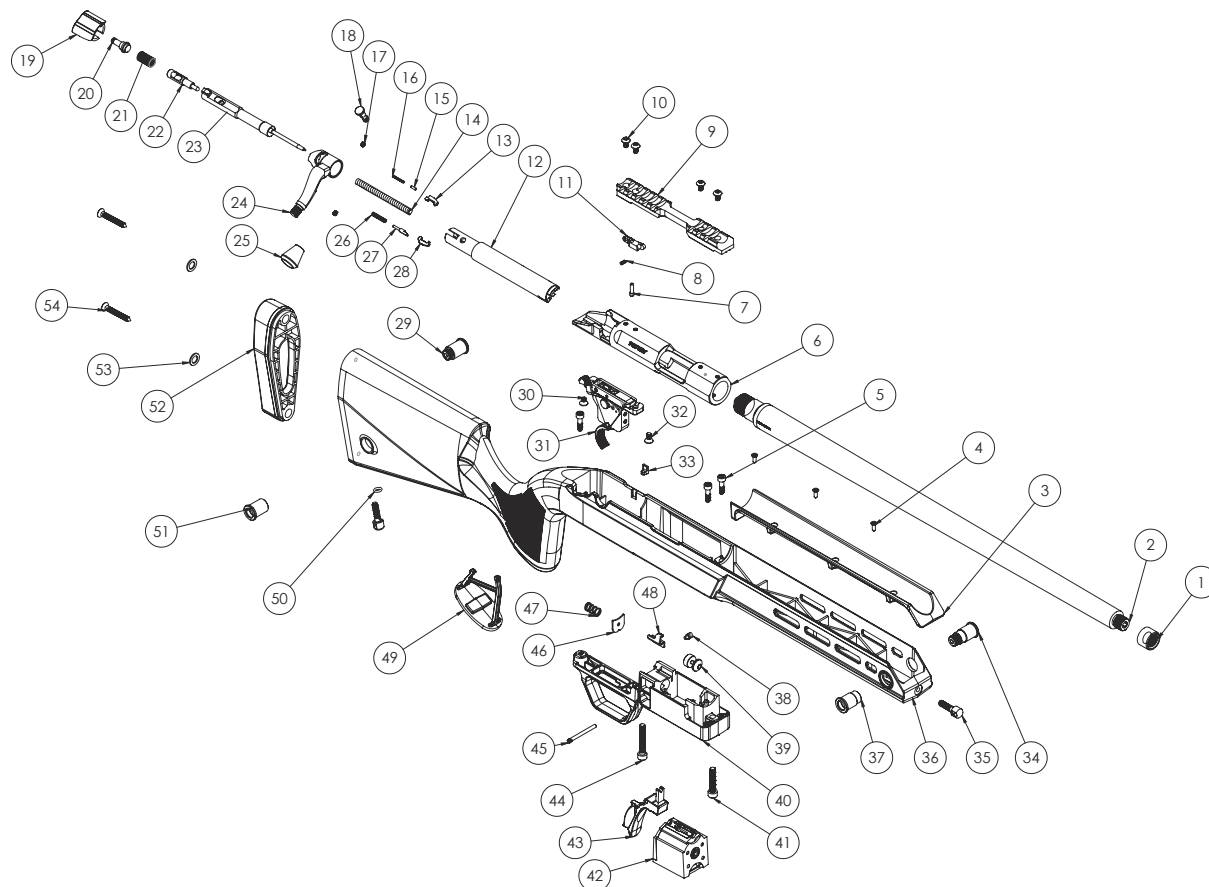


## ASEND POLYMER STOCK

NO	CODE	MATERIAL
1	BLT-SMN-0006	Barrel Nut
2	ASN-NAM-0001	Barrel (Sporter)
3	ASN-PLS-0004	Barrel Lower Bedding Plastic
4	ASN-VID-0002	Din 7981 Screw
5	ASN-VID-0001	Action Mounting Screw
6	ASN-GOV-0003	Receiver
7	BLT-PIM-0021	Bolt Stop Pin
8	MD-YAY-0006	Button Spring
9	ASN-KYK-0001	Picatinny
10	BLT-VID-0001	Picatinny Screw
11	BLT-DGM-0001	Bolt Stop
12	BLT-MKZ-0001	Bolt
13	BLT-TRN-0002	Pusher
14	BLT-YAY-0008	Striker Spring
15	BLT-PIM-0030	Pusher Pin
16	BLT-YAY-0004	Pusher Spring
17	BLT-VID-0006	Bolt Shroud Screw
18	BLT-PIM-0028	Striker Spring Retainer Pin
19	ASN-KPK-0002	Bolt Shroud

20	ASN-IND-0002	Indicator
21	ASN-YAY-0001	Indicator Spring
22	ASN-PIM-0003	Striker Spring Pin
23	BLT-IGN-0005	Striker Frame
24	ASN-KKL-0004	Bolt Handle
25	ASN-TPZ-0001	Bolt Knob
26	BLT-YAY-0003	Extractor Spring
27	BLT-PIM-0029	Extractor Pin
28	BLT-TRN-0001	Extractor
29	ASN-ABP-0005	Sling Swivel Socket Back Screw
30	BLT-VID-0009	Trigger Hanger Screw (Short)
31	BLT-TET-0010	Trigger Group
32	BLT-VID-0010	Trigger Hanger Screw (Long)
33	ASN-DGM-0001	Button Pin Stop
34	ASN-ABP-0006	Sling Swivel Socket Front Screw
35	MM-VID-0006	Sling Swivel Screw
36	ASN-DIP-0001	Polymer Stock
37	ASN-ABP-0007	Sling Swivel Socket Front Nut End

38	BLT-PIM-0020	Ejector Pin
39	BLT-PIM-0005	Magazine Centering Pin
40	ASN-KRK-0002	Trigger Guard
41	BLT-VID-0011	Action Mounting Screw
42	ASN-MGZ-0001	Magazine
43	ASN-MAN-0002	Magazine Release
44	BLT-VID-0012	Trigger Guard Screw
45	BLT-PIM-0009	Magazine Release Pin
46	BLT-SAC-0003	Spring Plate
47	BLT-YAY-0010	Magazine Centering Spring
48	BLT-FAT-0001	Ejector
49	ASN-PLS-0002	Grip Cap
50	MM-ORG-0001	Striker Stop Pin Ring
51	ASN-ABP-0008	Sling Swivel Socket Front Nut End
52	ASN-OMZ-0001	Butt Plate
53	BLT-SGM-0001	Butt Plate Ring
54	MM-VID-0005	Butt Plate Screw



## CABLE LOCK

Step 1 - Point gun in safe direction while keeping your finger off the trigger.

Step 2 - Press magazine release and remove magazine.

Step 3 - Pull bolt fully to the rear.

Step 4 - Check to see that no cartridge is in the chamber.

Step 5 - Insert cable through the ejection port and out magazine well.

Step 6 - Lock cable into cable lock.

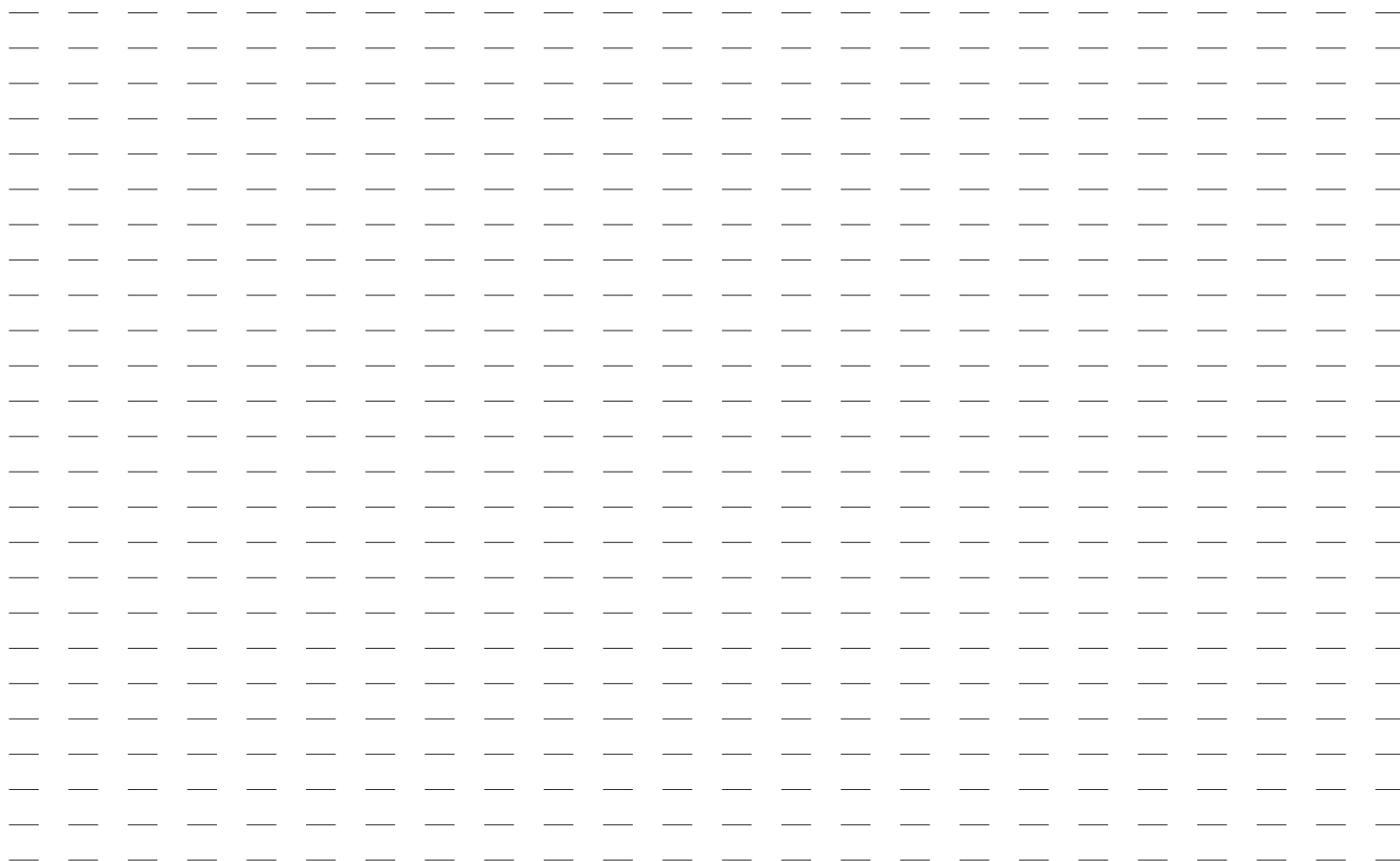


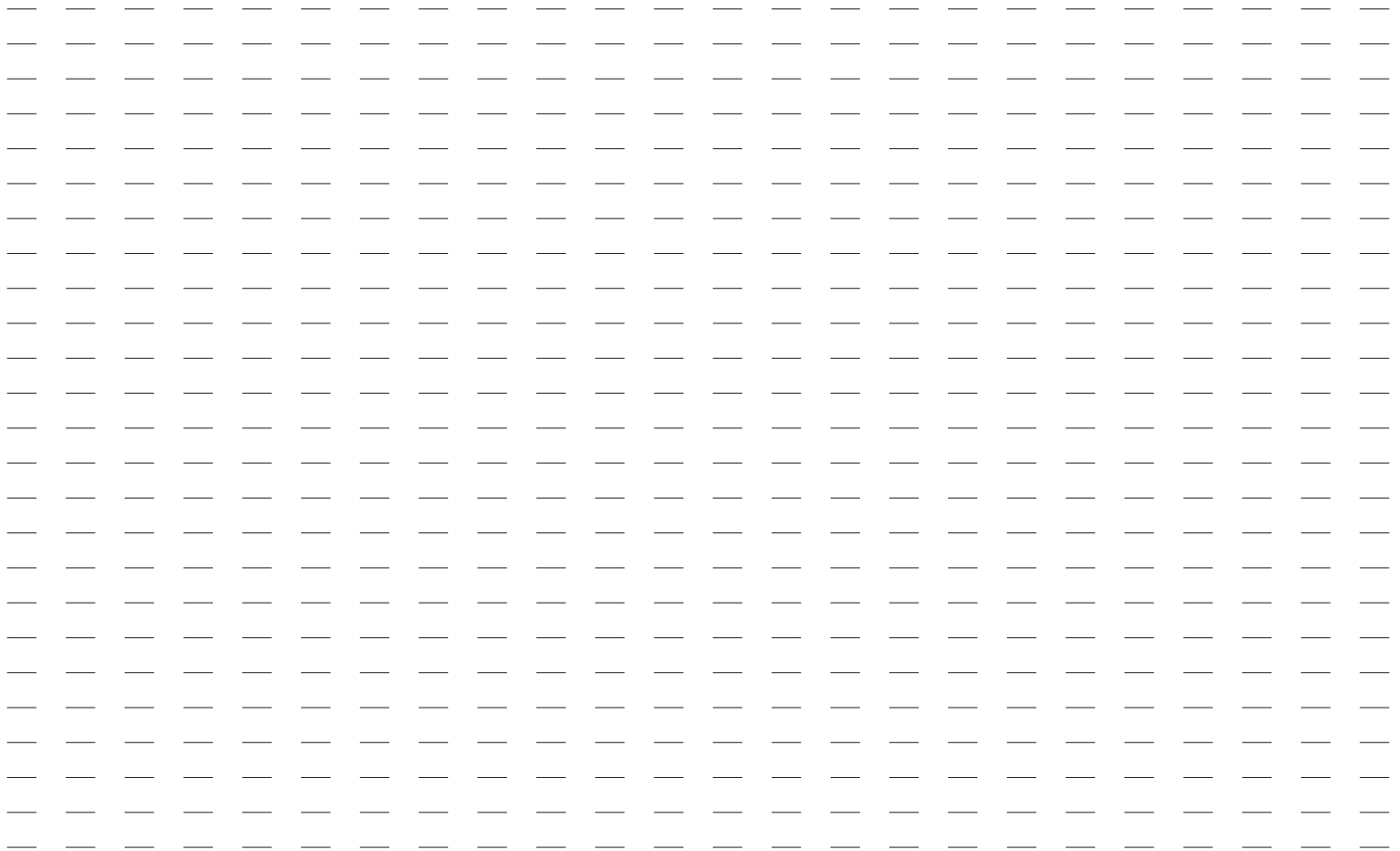
### CAUTION

GUNS SHOULD ALWAYS BE LOCKED AND STORED IN COMPLETE COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.



Figure 19





This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire page. There are no margins, text, or other markings present.



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