



Alexander Arms

.50 BEOWULF[®] Instruction Manual

WARNING

**Please READ and UNDERSTAND this manual
Before removing this firearm from its packing**

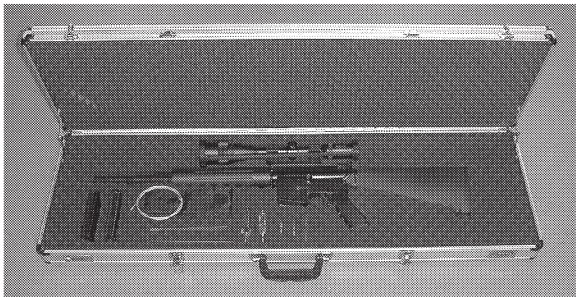
*.50 Beowulf[®] is a registered trademark of Alexander Arms
.50 Beowulf[®] is patent applied for.*

Part No beor50-0100

Dated 4 June 2001

Warning

**Before using this firearm, read and follow these instructions.
If there is anything that you do not understand, get help from someone qualified
in the safe handling of firearms**



.50 Beowulf™ RIFLE

This instruction manual should always accompany the .50 Beowulf™ rifle that it is issued with. If you lend, give or sell this firearm, this manual must go with it. Additional manuals for this rifle are available from Alexander Arms through your local dealer.

PRECAUTIONS

READ AND UNDERSTAND THIS MANUAL BEFORE REMOVING THIS FIREARM FROM ITS PACKAGING

This product is classified by the Bureau of Alcohol Tobacco and Firearms, as a Firearm. It is therefore potentially lethal.

WARNING. If this firearm is carelessly or improperly handled, unintentional discharge could result and could cause injury, death, or damage to property

CAUTION. Always keep and carry the rifle unloaded, without the magazine in place. Only load the rifle when you intend to shoot. Use only clean, dry original high quality commercially manufactured ammunition in good condition, which is marked as the caliber for this rifle.

CAUTION. Read this manual which gives basic advice on the proper handling and function of this rifle prior to using or loading the rifle. However your safety and the safety of others depend on your mature compliance with this advice. If unfamiliar with firearms seek advice from someone qualified in the safe handling of firearms.

WARNING. Always ensure the cam pin is correctly installed in the bolt group and it is in good condition before firing this rifle. If the cam pin is not correctly in place or faulty the rifle can still fire and may explode causing injury, death or damage to property. Do not replace the cam pin with any component other than a cam pin from the original rifle manufacturer. If you are unsure of the fitting or condition of the cam pin seek advice from someone qualified to examine the rifle.

WARNING. Do not exchange or switch bolt assemblies from one rifle to another. Doing so may result in injury, death or damage to property.

LIST OF SECTIONS

Precautions

- | | |
|--------------------------|-----------------------------------|
| I. Main Features | IV. Maintenance |
| General Layout | Warnings |
| Assemblies | Lubricants |
| II. Safety Instructions | Firearm disassembly |
| General handling and use | Firearm lubrication |
| Safety features | Firearm assembly |
| III. Function | V. Unusual Operating Environments |
| Loading | VI. Service and Repair |
| Unloading | VII. References |
| Firing | |

Main Features

General Layout

The Alexander Arms rifle is a semi automatic lightweight, gas operated firearm with a magazine feed, produced in accordance with the most advanced manufacturing methods. It permits shots to be fired from all positions.

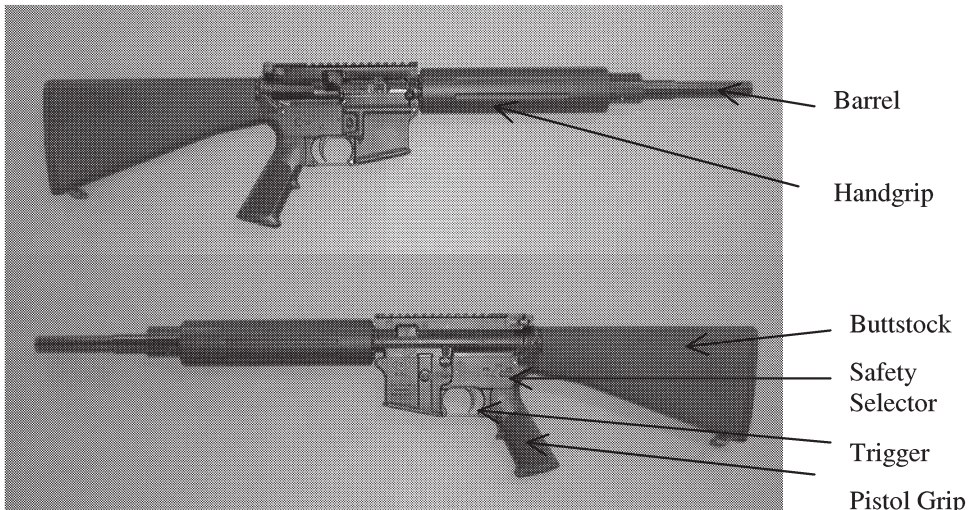
The firearm uses direct locking of the bolt assembly to the barrel extension to minimize the weight of the rifle. A high degree of accuracy can be obtained from the stationary barrel and closed bolt firing in conjunction with the delayed gas operated action.

The upper and lower receivers may be separated easily for cleaning and inspection. The barrel and chamber are manufactured from high grade steel to resist corrosion and fouling.

Ammunition is fed from a detachable magazine

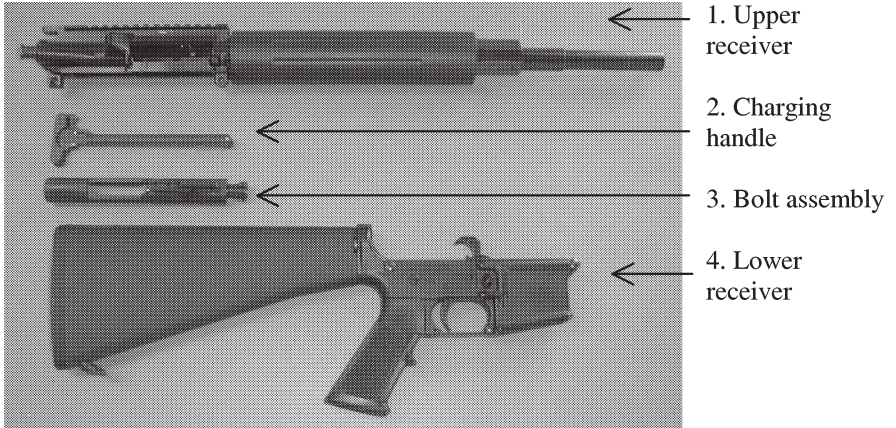
- | | |
|------------|---------------------------------------|
| 1. Caliber | As denoted on rifle |
| 2. Weight | With magazine 4.00 kg (8.8 lb) approx |
| 3. Length | Rifle with 16" barrel 889 mm (35") |

- | | |
|-----------------|--------------------------------------|
| 4. Width | Rifle with 16" barrel 62 mm (2.44") |
| 5. Height | Rifle with 16" barrel 218 mm (8.58") |
| 6. Fire Control | Safe, Single (Three round burst) |
| 7. Ejection | Right hand side with shell deflector |



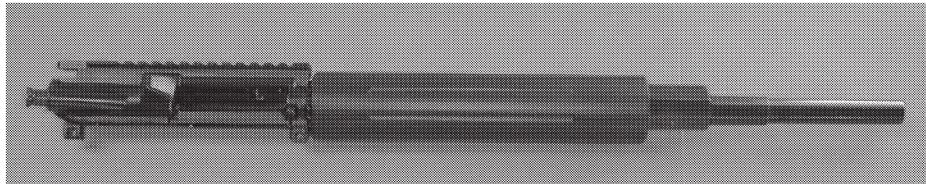
Main Features

Assemblies



Main Features

Upper Receiver



Receiver and forward assist with barrel, gas tube assembly, barrel extension and hand guard

The upper receiver carries the barrel and barrel extension which are fastened into the receiver by the threaded barrel nut under the hand guard. The hand guard may be removed from the receiver by compressing the delta ring, to expose the gas tube assembly (unless the hand guard is of the free floating type).

The upper receiver is machined to provide guides for the bolt assembly which locks directly into the barrel extension.

The top of the upper receiver forms a picatinny style mounting rail.

The forward assist is a plunger mounted on the right hand side of the upper receiver and provides a method to push the bolt carrier fully forward.

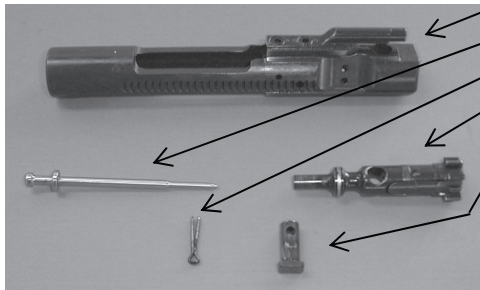
Main Features

Bolt Assembly



The bolt assembly consists of the following elements:

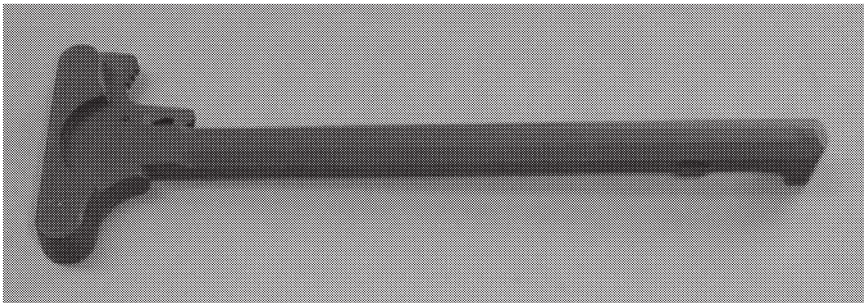
-



1. Bolt Carrier
2. Firing pin
3. Firing pin retainer
4. Bolt head with extractor, ejector and gas rings
5. Cam Pin

The bolt assembly is housed in, and guided in the upper receiver. The bolt assembly, in conjunction with the recoil spring and buffer feed and fire the cartridge as well as extracting and ejecting the spent cartridge case. This cycling of the action, in turn cocks the hammer.

Main Features Charging Handle



The charging handle consists of the following elements

1. Charging handle
2. Charging handle latch

The charging handle locates within the upper receiver and is used to draw the bolt assembly to the rear of the receiver.

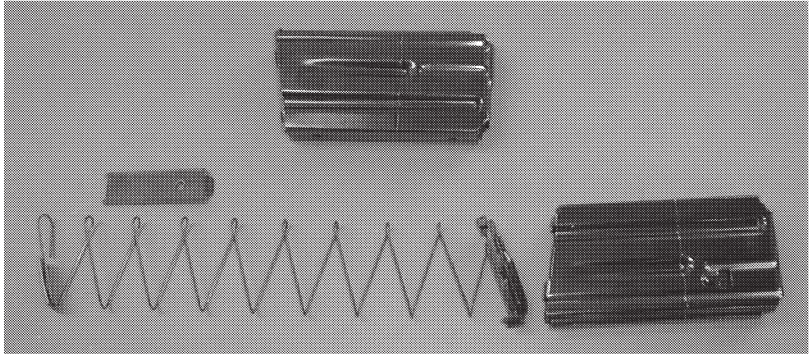
Main Features

Lower Receiver



The lower receiver houses the trigger assembly, hammer and safety selector lever. The unit is machined to provide location for the ammunition feed magazine and also provides for the attachment of the stock and the pistol grip. The stock is fastened to the receiver by a threaded tube which houses the recoil buffer and recoil spring. The receiver also carries the front pivot pin and rear takedown pin that are used to attach the lower receiver to the upper receiver. These are retained by detents.

Main Features Magazine



The magazine holds 4, 7, or 10 rounds depending on the model and is employed for feeding the cartridges to the rifle. The magazine consists of

1. Magazine housing
2. Floor plate
3. Follower with spring and locking plate

Safety Instructions

General Handling and Use

As with all firearms this rifle is potentially lethal if misused. You must read and fully understand this manual before using this rifle, if there is anything that you do not understand get help from someone who is qualified in the safe handling of firearms

- Always handle the rifle as if it is loaded even if you have checked or have watched someone else check to be sure it is unloaded.
- Never point the rifle at anything you do not intend to shoot
- Never take anyone's word that the rifle is unloaded. Always check for yourself and even then handle the rifle as you would a loaded firearm
- Always check the rifle is unloaded, that the bolt is latched open and that the magazine is removed before laying it down or handing it to another person
- Always keep and carry the rifle unloaded with the hammer released except when you intend to shoot
- Be aware that dropping the rifle or any other severe impact may damage some part of the mechanism. Even if you cannot see the damage, it may cause the rifle to fire when you do not intend to and cause injury, death or damage to property. If you have dropped or suspect that the rifle may have been dropped or subject to impact have it examined by a competent gunsmith before using it.

- Never leave the rifle loaded and ready to fire
- Never leave the rifle unattended even if you believe that it is unloaded
- Always instruct children regarding the dangers of all firearms. Even if you do not teach your children to shoot ensure that they know about the safe handling of firearms. If you do teach your children to shoot always ensure that they know how to treat and use a firearm properly and always supervise them closely.
- Always be sure that the backstop behind any target you are intending to shoot is adequate to stop and contain the bullets before you fire. Any rifle will penetrate a significant quantity of some materials such as wood or dirt.
- Do not shoot any target even if you have a good backstop if you cannot see the area behind the target clearly to ensure that it is safe
- Always carry the rifle unloaded with the bolt latched back and the magazine removed until you are ready to shoot
- Always ensure that the barrel bore, chamber and action are clean and free of obstructions and excess lubricant. After use always clean the rifle immediately as this will assist in maintaining the correct function and safety.
- Never consume alcoholic beverages, take drugs or inhale any chemicals before or during shooting, as your coordination, judgment and vision could be impaired, making the use and handling of this rifle unsafe.

- Always seek a Doctor's advice if you are taking medication or are subject to any medical condition, to ensure that you are capable of handling this rifle safely.
- Always wear ear protection when shooting. All others in the area of the rifle when it is being fired should use ear protection.
- Always wear approved protective shooting glasses when shooting. Anyone in the area of the rifle during shooting should wear eye protection as firing the rifle may generate flying particles that could damage eyes.
- Always apply the safety when the rifle is loaded until you are ready to fire
- It is important to keep clear and to keep others clear of the ejection port. The spent cartridges are ejected with sufficient force to cause injury and may also be hot. The ejection port should not be obstructed by your hand when clearing the rifle to ensure live rounds are safely ejected. Never place fingers in the ejection port.
- Never place your finger in the trigger guard or squeeze the trigger until you are aiming at the target and are sure you want to shoot
- Always be sure of your target, what lies between you and your target and what lies beyond your target. Rifle ammunition can travel a significant distance after passing through even substantial targets, and may deviate substantially from the intended direction of your shot. Never shoot at any hard surfaces such as rock or a liquid surface such as water. Metal targets must not be used.

- The rifle generates a substantial noise and should not be fired in the vicinity of any animal unless it is trained to accept such noise
- Never undertake any activity that may cause an accidental discharge of the rifle. Do not let your concentration wander during handling or firing any firearm as this may cause the weapon to fire unintentionally
- Always be conscious of what is in front of the muzzle of the rifle even if the rifle has been checked to be unloaded. The rifle must never be pointed at anything you do not wish to destroy.
- Never walk, climb or cross any obstacle with the rifle loaded.
- Always ensure the rifle is unloaded before cleaning, storing, traveling, laying the rifle down or handing the rifle to another person.
- Always store the rifle and ammunition separately and out of sight and such that it cannot be accessed by children or untrained people.
- Never use the rifle for any purpose other than shooting
- Do not dry fire the rifle

- If for any reason the rifle fails to fire when you pull the trigger, keep the rifle pointing at the target or a safe direction and wait for at least 60 seconds. Remove the magazine if it contains any live rounds. If a hang fire has occurred the rifle may fire at any time within the 60 seconds. If the round does not fire eject it by allowing it to fall a short distance onto the ground. Do not eject the round into your hand. Allow the round to rest for a further 120 seconds and then examine the primer. If the firing pin indent is light, off center or no indent is present do not continue firing and have the rifle examined by a competent gunsmith. If the firing pin indent on the primer is normal (in comparison with other previously fired rounds) the ammunition may be faulty. Separate the faulty round from other live rounds and empty cases, reload the rifle and continue firing in a safe manner. Place the failed round in a safe place away from your immediate vicinity and dispose of the round by returning it to a competent gunsmith.
- Never use the rifle if it fails to function correctly and do not force a jammed action as a round may explode causing serious injury, death or damage to property.
- Do not alter any of the components of the rifle or modify the weapon in any way as the level of safety may be reduced.

Safety Instructions

Safety Features

1. Trigger Guard

The trigger guard is formed by the back of the magazine housing, the front of the pistol grip and a steel strap which extends between these two items, to enclose the bottom of the trigger and protect it from damage and to help prevent accidental discharge.

2. Safety Catch

The rifle has a safety lever on the left hand side of the receiver which locks the trigger to prevent the hammer releasing from the trigger sear. The safety can only be applied when the hammer is cocked but can also be employed when the bolt is held open prior to chambering a round

3. Firing Pin Disconnecter

The firing pin of the rifle is designed so that it will not impact the primer of a cartridge in the chamber of the rifle if the bolt head is not fully engaged in the barrel extension and the bolt is fully forward.

4. Hammer Catch

In the unlikely event that the hammer jumps the sear during firing, the rifle employs a cut out in the base of the bolt which allows the hammer to catch the firing pin and hold the bolt from fully closing thus preventing the weapon firing a burst of ammunition. If the rifle jams with the bolt locked on the hammer the rifle must be taken to a competent gunsmith for inspection.

IMPORTANT

These safety devices are designed and installed in this rifle to prevent accidental discharge. However this rifle is primarily designed to efficiently discharge bullets and will do so when loaded if you pull the trigger. Always expect the rifle to fire if you pull the trigger.

Function

The Alexander Arms rifle functions by means of gas operated short recoil. When the rifle has a magazine of ammunition in place the bolt can be pulled open by means of the charging handle and then released to feed a round of ammunition into the rifles chamber. The final movement of the bolt rotates the bolt head to lock this component into the barrel extension and retracts the bolt head so that the firing pin may reach the primer.

If the rifle is now aimed at a target and the safety is released, pulling the trigger allows the hammer to impact the free floating firing pin which in turn ignites the cartridge primer. The flash of flame generated from the primer will now pass to the main cartridge charge which in turn burns with the release of a large volume of gas which drives the bullet down the barrel and on towards the target. Rifling grooves in the barrel impart spin to the bullet during its passage down the barrel and this acts to stabilize the bullet once in flight so it will have a more accurate path.

The barrel is provided with a gas vent in the side of the bore towards the weapon muzzle. When the bullet passes this vent a proportion of the propellant gasses are ducted out and into the gas tube which return them to the piston housed within the bolt assembly. The piston unlocks the bolt from the barrel extension and then propels the bolt backwards at the same time extracting and ejecting the spent cartridge case.

When the bolt reaches the rear of its travel it is stopped by the recoil spring and buffer and at this time the next cartridge in the magazine has risen so that the bolt moving forward will strip this cartridge from the magazine and chamber it.

The action of the bolt also resets the hammer. If the trigger is held, the hammer disconnect catches the hammer and releasing the trigger, sets the hammer back onto the sear. If the trigger is released the hammer resets directly onto the sear. The rifle is now reloaded and pulling the trigger will fire the next round.

Function

Loading

Caution To minimize the risk of unintentional discharge load live ammunition into the rifle only when you intend to shoot

Caution Always use extreme care to ensure the muzzle is always pointing in a safe direction and is well clear of your body.

Caution Read and understand this manual before you use this rifle.

Loading the magazine

- Use only good quality clean ammunition recommended for this rifle and marked with the appropriate caliber. Always examine each cartridge before it is loaded into the magazine and do not use it if it appears in any way damaged.
- With the open end of the magazine uppermost, grasp the magazine in one hand. Place a round onto the magazine follower with the base just forward of the magazine lips then press the round down and back until the back of the round touches the rear flat edge of the magazine and the round is lodged under the two magazine lips. Place the next round on top of the previous round and repeat the procedure as before. Repeat until the magazine is loaded but do not exceed its capacity.

Loading the rifle

- Always ensure the rifle is pointed in a safe direction before commencing loading.
- Without a magazine in position pull back the charging handle to open the bolt and when open press the bolt hold open button in at the bottom to hold the bolt open. Return the charging handle to its forward position and ensure that it is fully forward. Check that the chamber and barrel are clear and **apply the safety**.
- Keeping fingers clear of the ejection port insert a loaded magazine with the bullets pointing towards the muzzle, into the magazine well and push it firmly home to ensure that the magazine latch is engaged. Do not strike the base of the magazine otherwise the magazine could be damaged or you could injure your hand.
- When you are ready to shoot push the top button on the bolt hold open catch to allow the bolt to slide forward and feed a round into the chamber. **The rifle is now loaded, cocked and ready to fire.**
- To fire the rifle the safety must be moved to the fire position and the trigger pulled. Upon firing **the rifle will reload for the next shot**. The safety should be reapplied if you do not intend to shoot immediately and the rifle should be unloaded as soon as you have finished.
- Always unload the rifle after use, before moving and before any cleaning, maintenance and storage.

Unloading the rifle

- Always ensure that the rifle is pointed in a safe direction with the safety applied. Do not touch the trigger and always keep hand away from the ejection port and muzzle.
- Place a hand under the magazine to prevent it falling and press the magazine catch to eject the magazine. Place the magazine on a clean surface to avoid damaging it.
- Grasp the charging handle and pull it to the rear. Any cartridge in the chamber should be extracted by this action and will eject from the ejection port. **Always check to ensure that the chamber and barrel are clear keeping the rifle pointed in a safe direction.**
- Allow the bolt to return forward onto the empty chamber. Keeping the rifle pointed in a safe direction move the safety to the fire position and pull the trigger to allow the hammer to drop.
- Examine any previously chambered cartridges for dents or damage; if damaged do not use again.

Firing

- Before firing, ensure that you are fully familiar with the operation of the rifle. Practice aiming and handling with your rifle, while it is unloaded.
- Practice on a firing range before going hunting or using the rifle for any other type of shooting.
- Read and understand all the instructions and the safety instructions for this rifle. If you do not understand any instruction seek help from someone qualified.
- Load the rifle as previously described
- When you are ready to safely fire the rifle, aim carefully at the target and pull the trigger smoothly so that you do not disturb your aim. Be aware that the rifle will recoil upon firing and you need to return it to aiming at the target before firing the next round.
- **THIS IS A SEMI-AUTOMATIC RIFLE AND IS IMMEDIATELY LOADED AND COCKED READY TO FIRE AGAIN AFTER EACH SHOT UNTIL THE MAGAZINE IS EMPTY.**
- Always apply the safety if you do not intent to shoot immediately. And unload the rifle before moving and before any cleaning, maintenance and storage.

Maintenance

This rifle is a precision mechanism and will function better, last longer, and remain safer when it is properly maintained and lubricated. The advice in this section will help keep your rifle in good condition.

WARNING

- **Ensure that the rifle is unloaded before disassembly and cleaning.**
- Wear safety glasses. Some components in the rifle are spring loaded and may fly free if you lose control of them.
- Never dry fire the rifle with the upper receiver removed from the gun.
- Do not alter any parts as the level of safety will be reduced.
- Do not force any parts during the assembly, disassembly and cleaning of the rifle.

Lubricants

- **Always minimize skin contact with lubricants**

For all normal conditions the rifle should be lubricated with CLP. This lubricant will function in all but the coldest conditions and can be used down to -35 F although application below 0 F requires the lubricant to be warmed. When applying CLP always shake the bottle before use and clean and apply using a clean rag or cloth. The bolt, firing pin, cam pin, firing pin retainer, and extractor assembly should be inspected for any damage before cleaning and lubrication.

When applying lubricant, a light film implies that the surface is only just visibly oily while a heavy film implies the oil can be smeared with a finger.

Do not use hot water or solvents to clean the rifle as this will remove the protective film deposited by CLP.

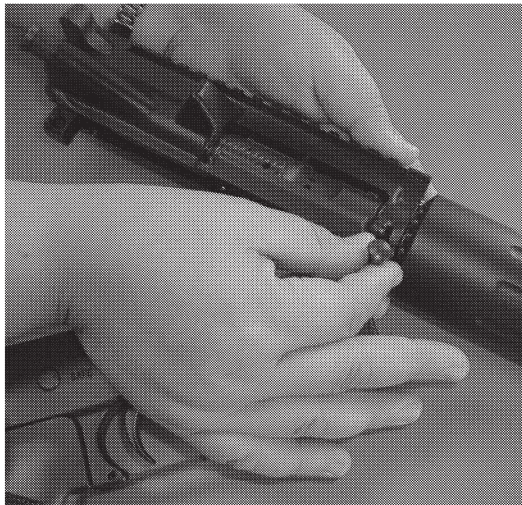
CLP lubricant can be obtained from all good gunsmiths.

Firearm Disassembly

- Always ensure the rifle is unloaded and work on a clean flat surface with ample lighting
- Push out the rear takedown pin as far as it will go from the lower receiver and pivot the upper open



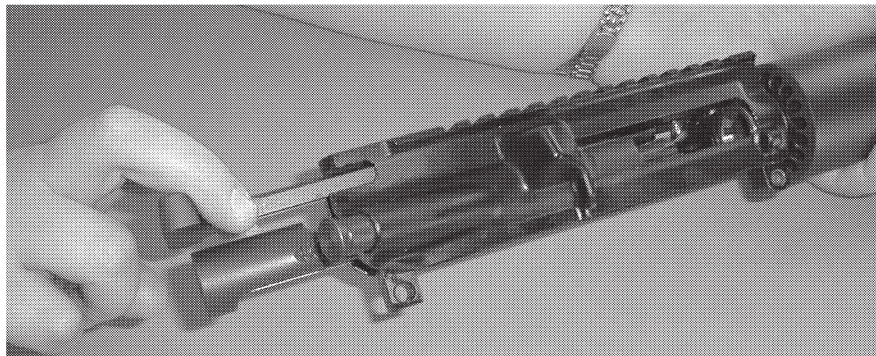
- Push out the receiver pivot pin



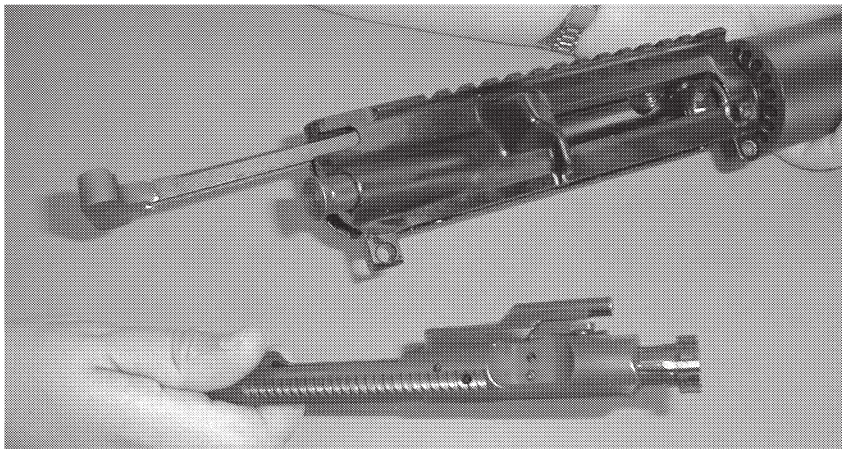
- Separate the upper and lower receivers.



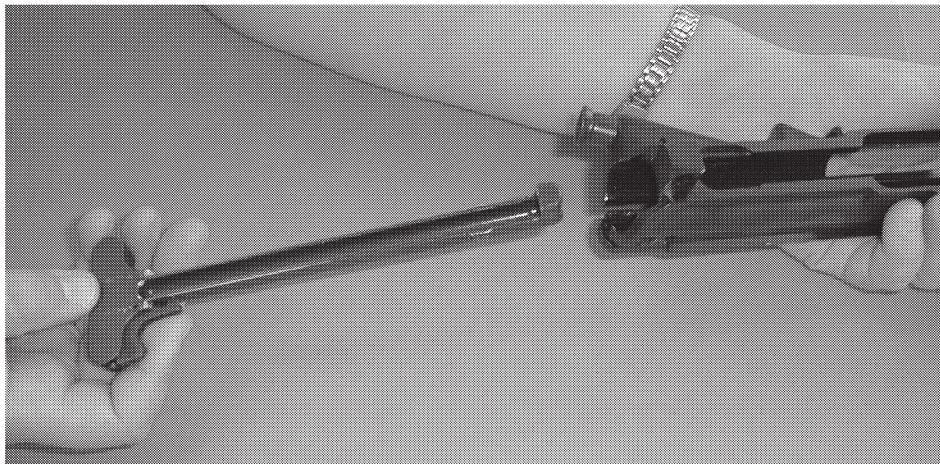
- Pull back the bolt and charging handle



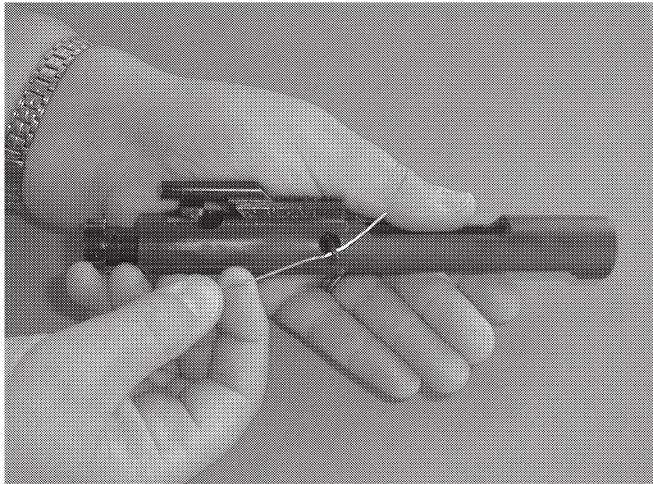
- Remove the bolt assembly and place to one side



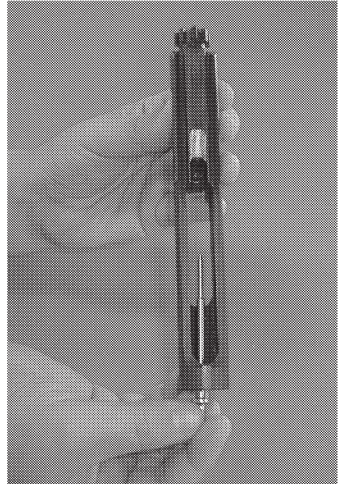
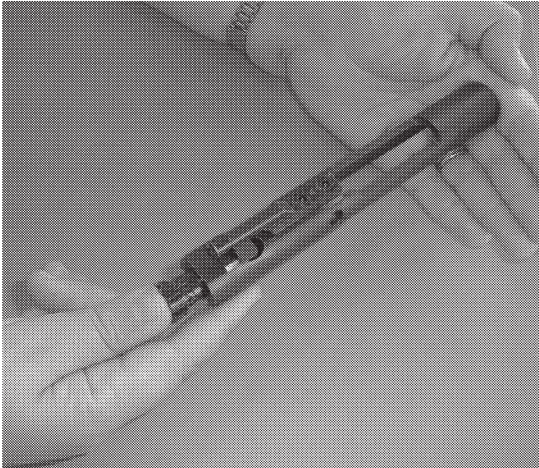
- Remove the charging handle by pulling it to the rear and then lifting it upwards through the slot in the receiver.



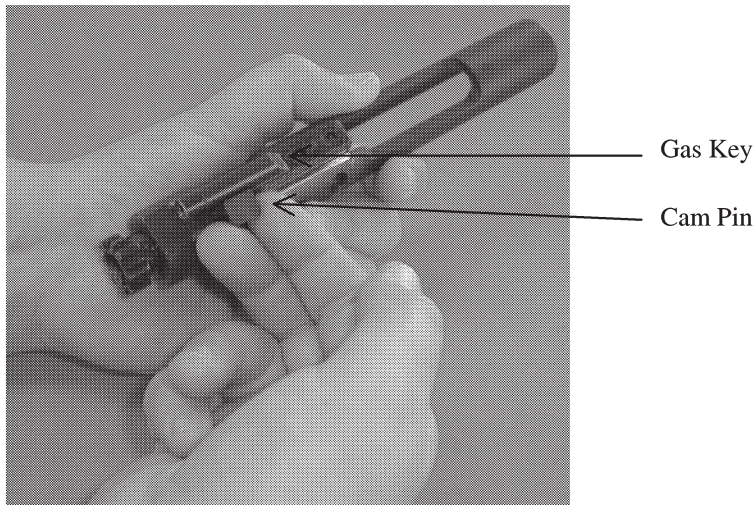
- Taking the bolt carrier, remove the firing pin retaining pin (It may be necessary to use a small punch or paper clip).



- Push the bolt head into to bolt carrier and drop out the firing pin



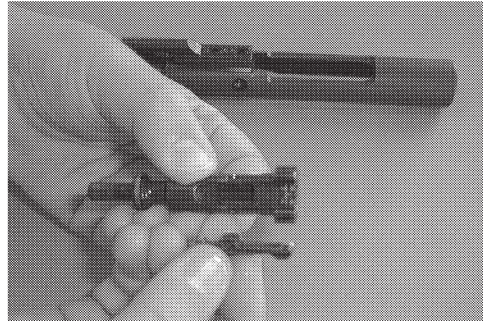
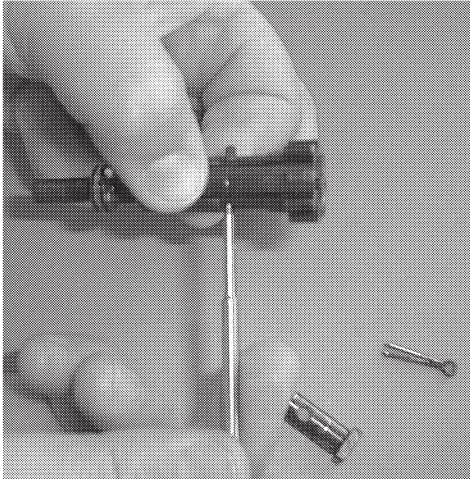
- Remove the cam pin by rotating it 90° to clear the gas key and pull out.



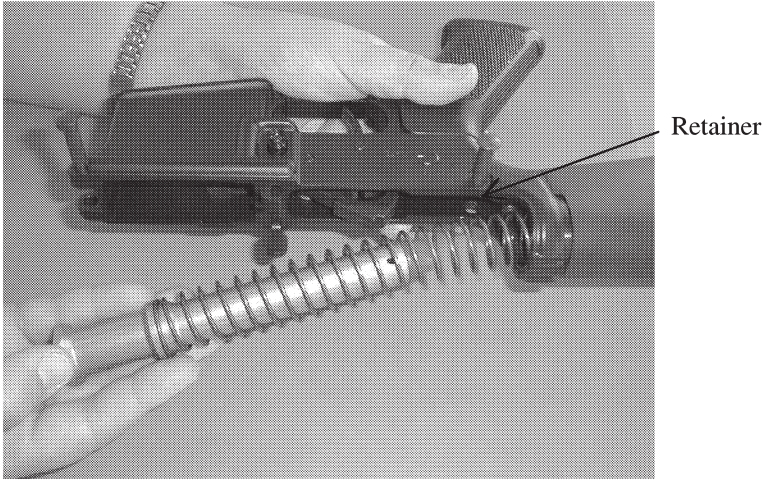
- Pull the bolt head forward from the bolt carrier.



- Remove the extractor by lightly pressing in on the extractor and pushing the pin out using the firing pin.

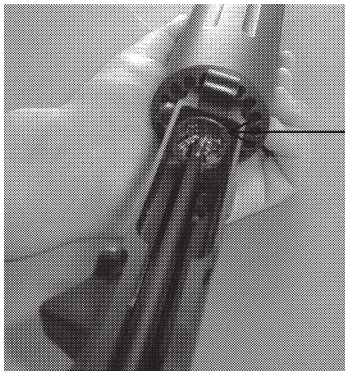


- Taking the lower receiver, pull the hammer into the cocked position, remove the buffer by depressing the retainer and holding the buffer to allow it to move forward with the recoil spring.



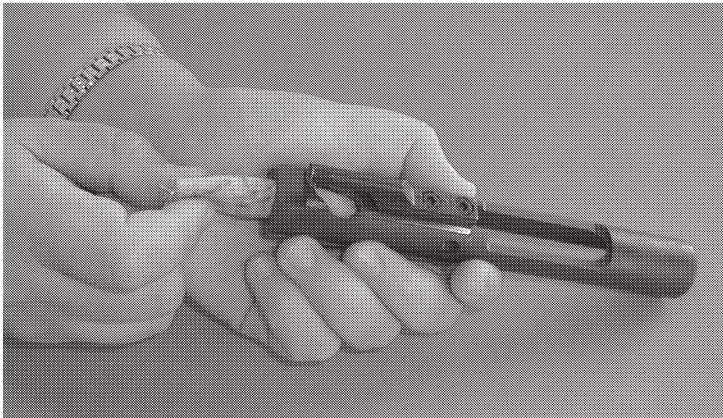
Firearm lubrication and cleaning

- Use a pull through or a cleaning rod to pull a tight fitting patch lubricated with CLP through the bore of the barrel from the chamber to the muzzle
- Repeat this procedure until the patches come out clean
- Clean out the barrel extension lugs with a brush and a few drops of CLP

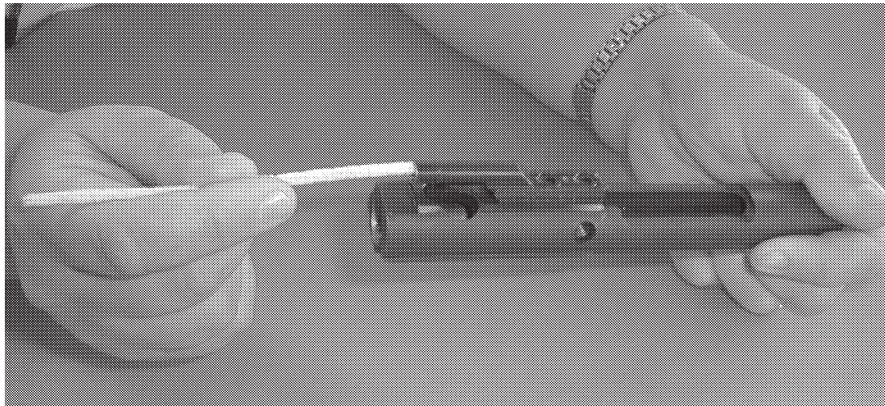


Cleaning the barrel extension lugs

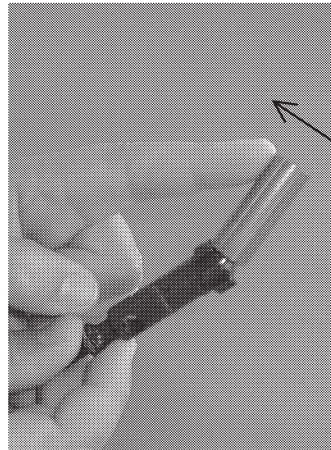
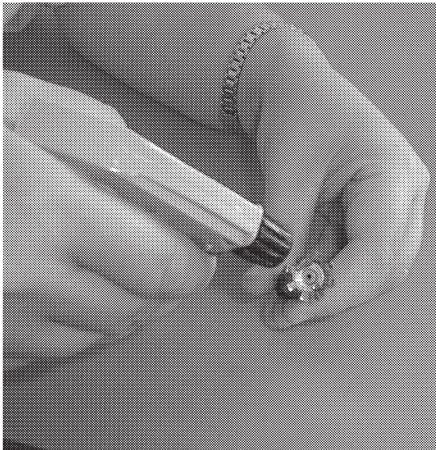
- Wipe down the internal and external surfaces with a patch or rag and a few drops of CLP. Finish by applying a light film of lubricant to all surfaces of the receiver and barrel. Make sure that the barrel extension locking lugs are coated with a heavy film of lubricant.
- Clean and lightly lubricate the inner and outer surfaces of the bolt carrier.



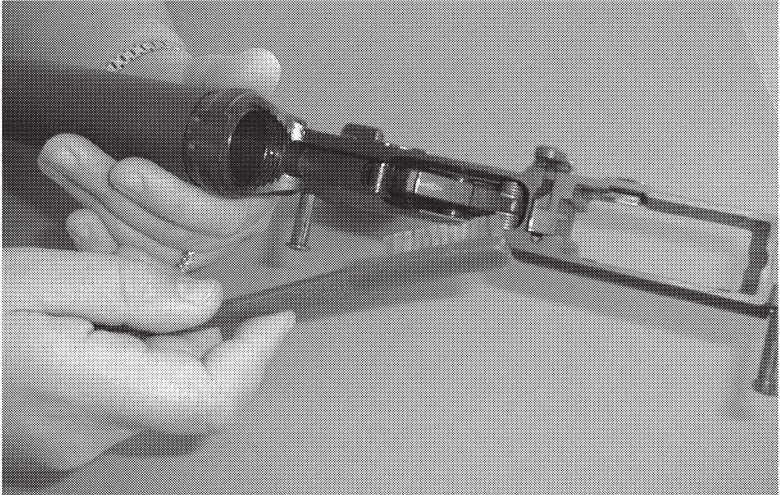
- Clean and lightly lubricate the surfaces of the carrier key, using a pipe cleaner to clean the bore and ensuring the pipe cleaner passes through the key into the bolt carrier. Apply one drop of CLP to the inside of the gas key.



- Clean and lightly lubricate the bolt head paying attention to the firing pin hole, locking lugs and gas rings.
- Heavily lubricate all surfaces of the bolt head. Use an empty cartridge case to work a few drops of CLP into the ejector pin after assembly of the bolt head and the extractor.



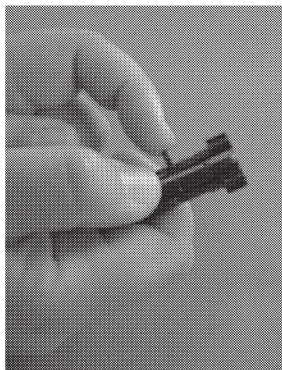
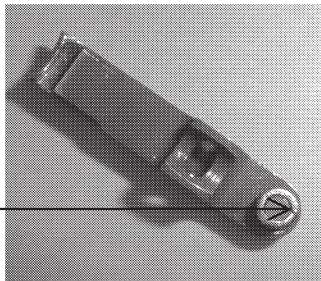
- Generally clean the lower receiver using the brush provided to assist cleaning the trigger mechanism. Clean and lightly lubricate the inside of the tube that houses the recoil spring and buffer.



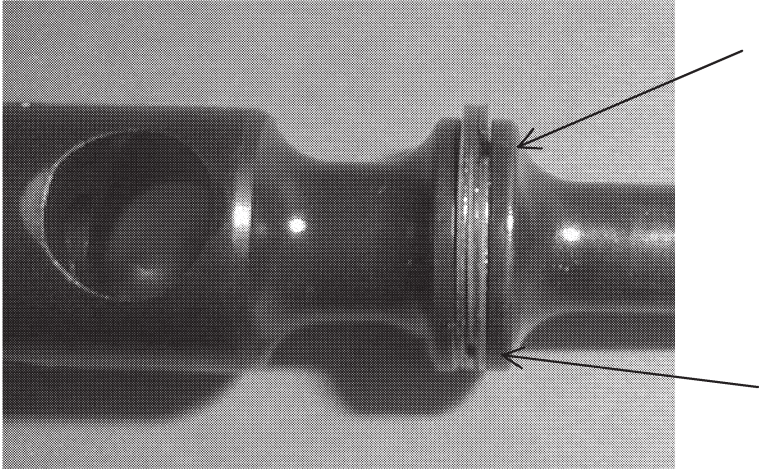
Firearm Assembly

- Insert the buffer and spring into the lower receiver. Push the buffer home so that the retainer latches.
- Insert the extractor into the bolt head and push the pivot pin back in. Ensure that the spring and rubber insert are correctly positioned.

Spring and Rubber
insert in correct
position.



- Check that the gas ring gaps are staggered around the bolt head and that the gaps do not line up and waste gas.

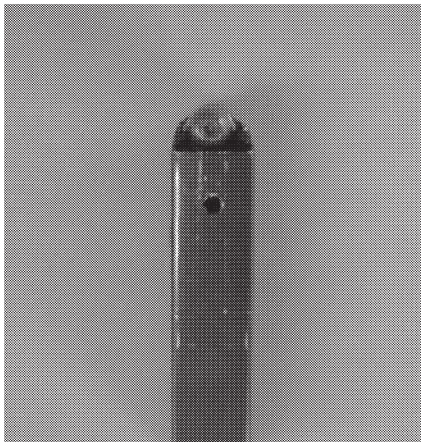
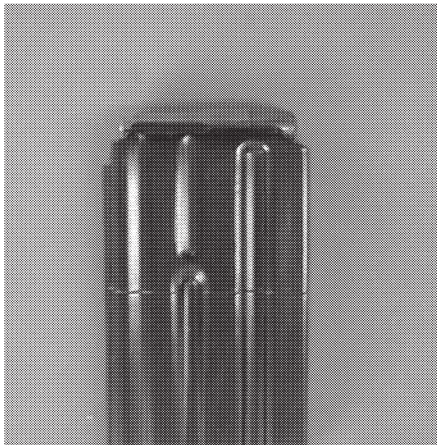


- Carefully slide the bolt head into the bolt carrier.
- **Replace the cam pin into the carrier group** and turn the head through a quarter turn. **It is essential that the cam pin is in position or the rifle can fire and may explode.**
- Drop in the firing pin from the rear of the bolt carrier and then pull the bolt head forward.
- Insert the firing pin retainer pin so that the head fits into the recess on the side of the bolt and check the firing pin will not fall out.
- Replace charging handle in upper receiver and push in part way.
- Replace bolt group in upper and slide fully forward.
- Place upper receiver pivot pin hole in line with the lower receiver pivot and push in pin.
- With the hammer cocked and the safety set to safe, pivot the two halves together and insert the take down pin.
- Pull back the charging handle and then let it slide back forward to ensure the mechanism is moving freely. If the mechanism sticks or will not move, remove the take down pin and check that the bolt assembly and charging handle move easily then repeat the assembly.
- If the mechanism still sticks get the rifle inspected by a qualified gunsmith.

Magazine

The magazine for this rifle requires only occasional maintenance unless it is subjected to damp, dirty or corrosive conditions. Generally it is only necessary to wipe down the outside of the magazine and around the magazine lips as far as the follower can be pushed down. However the magazine must be fully dismantled and cleaned if subject to the above conditions and this can be done by depressing the detent at the base of the magazine and sliding out the base plate from under the four lugs. Caution must be taken during the disassembly as the magazine contains a spring that may fly free. After the base is removed carefully pull out the spring and follower being careful to note how the follower and spring fit. The magazine parts may now be cleaned and lubricated before reassembly in reverse order to disassembly.

The magazine is an extremely critical part of the rifle and any damage to lips may cause the rifle to jam. Check that the magazine presents rounds as shown and replace if it does not or is worn excessively.



Unusual Operating Environments

- Extreme Cold/Arctic

This rifle is designed to operate at temperatures down to -35 F with standard lubrication. However excess lubricant will cause sluggish action. When operating at low temperatures the weapon must be cleaned and lubricated while warm and the CLP lubricant should also be kept warm.

When using the rifle it must be kept dry to prevent the mechanism from freezing and the mechanism should be functioned by hand every 30 minutes. If possible try to avoid moving the rifle from cold to warm areas as this will cause condensation to form on the parts. Always wipe all areas of the rifle dry both externally and internally and re-lubricate if condensation does occur.

The ammunition and magazine must be kept dry. Ammunition should not be lubricated.

- Tropical and Temperate Rainforest.

Wet conditions drastically increase the rate of corrosion in an incorrectly protected weapon. If the rifle is employed in wet conditions, use CLP to clean and lubricate as shown but increase the frequency of cleaning to a minimum of daily and pay particular attention to hidden internal parts in the rifle. The barrel should be cleaned and lubricated more frequently and areas such as the barrel extension, bolt head, trigger mechanism, buffer, magazine and bolt carrier should be lubricated with CLP.

Constant precipitation will wash the lubricant from the rifle and deposit dirt.

Hot, Dry and Dusty

If the rifle is to operate in a hot environment, then lubrication with CLP is adequate and the normal quantities should be used. If the environment is also dusty then the rifle must be cleaned more frequently and careful attention should be paid to remove any abrasive deposits. Desert conditions may also produce large temperature swings between the day and night and consequently condensation can also occur. Again the frequency of cleaning should be increased and efforts should be made to prevent dust contamination. If possible the rifle should not be laid on the ground.

Service and Repair

Should this rifle require repair or service, make sure it is not loaded and then take it to a gunsmith who is familiar with this type of weapon. Replacement parts should only be used from Alexander Arms as the quality of some parts may not meet the requirement of the design and injury, death or damage to property may result from such use. Alexander Arms does not accept responsibility for the function of this weapon if replacement parts are used from any other supplier or the rifle is in any way modified.

References

For further information on the operation of this weapon this instruction and safety manual can be supplemented with the following manuals

- Operators Manual W/component list rifle 5.56-mm M16A2 - US Army Technical Manual (TM) 9-1005-319-10 August 1986.

Warranty Statement

Based on the Magnuson-Moss Warranty act, Alexander Arms offers no express warranty on any of its products. However in recognition of the obligations of implied warranty Alexander Arms will stand behind all its products and will provide all reasonable support for the products it supplies.

Any component that fails within the first year of service subject to reasonable wear and tear will be replaced free of charge for that part. Alexander Arms reserves the right to determine if a part is subject to abuse.

This warranty statement is subject to further terms of contract for all military or agency purchases.

Models

The .50 Beowulf™ rifle is available in a number of configurations

- 16” barrel with picatinny rail topped receiver and sight block
- 16” barrel with detachable rear sight handle and front sight
- 16” barrel with detachable rear sight rail and front sight
- 16” barrel with picatinny rail topped receiver and free floating tubular hand guard
- 24” lapped barrel with picatinny rail topped receiver, free floating tubular hand guard and precision trigger
- 16” barrel with picatinny rail topped receiver wooden thumbhole stock and wooden handguard
- 12” barrel with detachable rear sight rail and front sight (burst fire selector)

ALEXANDER ARMS
US ARMY RADFORD ARSENAL
PO Box 1
RADFORD, VA 24143
USA

PHONE 540.639.8356

FAX 540.636.8353

E-MAIL: support@alexanderarms.com

WEB: www.alexanderarms.com