



*SCOPE NOT INCLUDED



BA50[®] SAFETY + OPERATING MANUAL



PLEASE PRACTICE SAFE FIREARMS HANDLING!
READ ENTIRE MANUAL BEFORE OPERATING.



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THIS OWNER'S MANUAL SHOULD ALWAYS ACCOMPANY YOUR BA50® RIFLE AND BE TRANSFERRED WITH IT UPON CHANGE OF OWNERSHIP.

This manual contains operating, care and maintenance instructions. To ensure safe operation, any user of this firearm must read and understand this manual before using the firearm. Failure to follow the instructions and heed the warnings in this manual may result in property damage, serious personal injury, and death.

WARNING: Keep this firearm out of the reach of children, unauthorized individuals, and others unfamiliar with safe handling of firearms.

Before operating your firearm, please do the following:

- Read the entire Safety & Operating Manual before using your weapon.
- Practice handling your weapon without ammunition.
- If you have any questions or do not understand something written in this manual, seek professional support or call Bushmaster® for clarification.

Always follow the Universal Firearm Safety Rules (see page 7 for complete list)

1. Always keep firearm pointed in a safe direction.
2. Treat all guns as though they are loaded.
3. Keep your finger off the trigger until you are ready to shoot.
4. Always be sure of your target and what's beyond it.

FEDERAL AND STATE WARNINGS

Warnings Specified by State:

The following warnings and disclosures are required by the laws of the various states identified below. These warnings do not represent the entirety of laws regulating firearms in those states. It is your responsibility to know and understand the federal, state, and local laws and regulations that apply in your jurisdiction. If you do not know or understand the laws relating to firearms, we recommend that you contact a lawyer before acquiring, possessing, or handling any firearm.

California:



WARNING

Children are attracted to and can operate firearms that can cause severe injuries or death.

Prevent child access by always keeping guns locked away and unloaded when not in use.

If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison.



ADVERTENCIA

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



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 (tel:1-800-273-TALK) (8255).



ADVERTENCIA

Las armas de fuego deben manejarse de manera responsable y almacenarlas de manera segura para evitar el acceso de los niños y otros usuarios no autorizados. California tiene leyes estrictas relativas a las armas de fuego, y puede ser multado o encarcelado si no cumple con ellas. Visite el sitio web del Procurador General de California en <https://oag.ca.gov/firearms> para obtener información sobre las leyes de armas de fuego aplicables a usted y cómo puede cumplirlas. Evite el acceso de los niños manteniendo siempre las armas almacenadas y descargadas cuando no estén en uso.

Si mantiene un arma de fuego cargada donde un niño la puede obtener y usarla incorrectamente, puede recibir una multa o ser enviado a prisión. Si usted o alguien que conoce está contemplando el suicidio, llame a la línea nacional de prevención de suicidio al 1-800-273-TALK (8255).

California:**Warning:**

This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to - www.P65Warnings.ca.gov.

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."

Maine:

"Endangering the welfare of a child is a crime if you leave a firearm and ammunition within easy access of a child, you may be subject to fine, imprisonment, or both. Keep firearms and ammunition separate. Keep firearms and ammunition locked up. Use trigger locks."

Maryland:

"Warning: Children can operate firearms which may cause death or serious injury. It is a crime to store or leave a loaded firearm in any location where an individual knew or should have known that an unsupervised minor would gain access to the firearm. Store your firearms responsibly!"

Massachusetts:

"Warning from the Massachusetts attorney general: This handgun is not equipped with a device that fully blocks use by unauthorized users. More than 200,000 firearms like this one are stolen from their owners every year in the United States. In addition, there are more than a thousand suicides each year by younger children and teenagers who get access to firearms. Hundreds more die from accidental discharge. It is likely that many more children sustain serious wounds, or inflict such wounds accidentally on others. In order to limit the chance of such misuse, it is imperative that you keep this weapon locked in a secure place and take other steps necessary to limit the possibility of theft or accident. Failure to take reasonable preventive steps may result in innocent lives being lost, and in some circumstances may result in your liability for these deaths."

"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 to leave a loaded firearm within easy access of a minor.”

New York City:

“The use of a locking device or safety lock is only one aspect of responsible firearms storage. For increased safety, firearms should be stored unloaded and locked in a location that is both separate from their ammunition and inaccessible to children and other unauthorized persons.”

North Carolina:

“It is unlawful to store or leave a firearm that can be discharged in a manner that a reasonable person should know is accessible to a minor.”

Texas:

“It is unlawful to store, transport, or abandon an unsecured firearm in a place where children are likely to be and obtain access to the firearm.”

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.”

Basic Rules Firearm Safety

1. Always keep firearm pointed in a safe direction.
2. Treat all guns as though they are loaded.
3. Keep your finger off the trigger until you are ready to shoot.
4. Always be sure of your target and what's beyond it.
5. Learn the mechanical and handling characteristics of the firearm you are using.
6. Be sure that the barrel is clear of any obstructions before shooting. Even excess oil or a spider web can cause a problem. Never fire with water in the barrel.
7. Always make sure everyone in the vicinity is wearing eye and double ear protection suitable for firearm use prior to shooting.
8. Never use alcohol or drugs when shooting. If you are using prescription medication, contact your doctor to determine your fitness prior to using the firearm.
9. Keep yourself, all persons, obstructions and flammables away from the ejection port when firing as hot shell cases will be ejected with significant force.
10. Never place your fingers in the ejection port except when physically checking the chamber to determine if the firearm is loaded.
11. Never climb a tree or fence with a loaded firearm.
12. Do not store, carry, drop, drive a vehicle, bicycle, walk or run with a live round in the chamber. A gun that is dropped, bumped, or jarred with a live round in the chamber might accidentally discharge, even with the safety on, causing injury to you or someone else.
13. Do not shoot at a hard surface or water; it may ricochet in an unsafe direction.
14. Never rely on your firearm's safety mechanism to justify careless handling.

15. Always keep your selector set to “SAFE” prior to target acquisition when the firearm is loaded.
16. Never discharge the weapon near flammable material. Muzzle flash may ignite a fire or cause gases or liquids to explode.
17. Never force a jammed action as the jammed round may cause the rifle to explode.
18. If your firearm failed to fire after the trigger was pulled, wait at least 1 minute before clearing. Continue to keep the firearm pointed in a safe direction. Water, oil, or other contaminates in the ammunition can cause a delayed fire.
19. If you notice a difference in sound or recoil while firing, stop immediately and clear the firearm. A “squib” or sub-standard round may have fired, and the bullet may be stuck in the bore. If another shot is fired with the bore obstructed, the barrel may bulge or burst, causing injury or even death to yourself and/or others in the vicinity.
20. Sustained fire will heat up the barrel and receiver to the point that it may cause burns when touched. Never shoot your firearm to the point that it is too hot to touch as it may, in rare occasions, also create an accidental discharge by “cooking off” ammunition in a hot chamber even though the trigger was never pulled. In addition, excessive rapid fire may cause premature wear of the barrel.
21. This firearm may discharge accidentally if it is dropped or struck with sufficient force while a live cartridge is in the chamber.

22. Do not shoot your firearm around animals unless they are trained accordingly. They may react to the sound of the discharge and can cause an accident, injury or death to yourself or others.
23. Always unload the magazine and chamber, open the bolt, and physically & visually check the weapon is totally clear of ammunition prior to handing someone an unloaded firearm.
24. Always check the status of any firearm before handling. Check the status of the firearm even if the firearm is believed to be “unloaded” and even if you witnessed another person clear the firearm.
25. Use of substandard ammunition will void the warranty and may damage your firearm. Only use quality, clean burning, commercial ammunition designed and specified for your firearm that meets Sporting Arms and Ammunition Manufacturers’ Institute (SAAMI) specifications. Poor quality ammunition that generates excessive fouling may cause your BA50® to malfunction and necessitate additional cleaning. Use of substandard ammunition can cause damage, injury or death. Use of remanufactured, reloaded or otherwise altered ammunition will void your warranty. Use of steel case ammunition is not suggested. Use of corrosive ammunition will damage your rifle and void your warranty.

26. Always store your firearm and ammunition in separate locked gun safes or vaults where children will not have access.
27. Never abuse your firearm by using it for some purpose other than what it was designed to do.
28. Never dry fire when the upper receiver and the bolt are not in place. This action may damage the lower receiver.
29. Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may cause birth defects, reproductive harm, cancer, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly with cold water and soap after exposure.
30. If you do not understand any comments noted above, seek help from your licensed retailer or seek professional training prior to use.
31. Do not provide access, possession, custody or control of any firearm, even if only temporary, to any person known to be a felon or whom is otherwise prohibited from possessing any firearm.
32. Be mindful of those who have access, possession, custody or control of your firearm. Do not permit others whom you believe may intend to do harm to themselves or others, or whom have a history of mental health instability that may affect their judgment or ability to operate and use a firearm safely and lawfully to access, possess, or control any firearm.
33. When firearms are present, always be mindful of how each firearm is being used or handled. If you witness someone mishandling or misusing any firearm, take all appropriate precautions to ensure your safety and the safety of others.

Manufacturer's Warning:

Please be sure to contact your local licensed firearms retailer, state department of justice, attorney general, local police or sheriff's office, and/or a licensed attorney to ascertain if there have been any additional changes in laws pertaining to ownership of firearms within your locality. Firearms laws change so rapidly and these changes may affect how you acquire, possess, use, store, and transfer your firearm lawfully. It is the user's responsibility to know all laws in their jurisdiction ***prior to purchasing or using this firearm.***

Manufacturer's Notice:

Bushmaster Firearms International® will not be responsible for damage, injury, or death resulting from intentional or accidental discharge of this firearm due to improper handling, maintenance, alterations, or for any other reason.

Manufacturer's Notice:

This firearm was inspected, and quality checked multiple times prior to leaving the factory, however, we cannot guarantee that it has not been damaged or tampered with after it has left our facility. Therefore, it is important that the purchaser of this firearm inspect the firearm carefully prior to using it. If anything appears deficient, do not fire the weapon and contact your licensed retailer immediately.

Manufacturer's Notice:

This manual should always accompany the firearm. If the firearm is transferred or lent to someone else, be sure that the person is legally allowed to receive the firearm and make sure the person reads the manual prior to handling the firearm. Additional manuals are available and can be downloaded Online at: www.bushmaster.com

Warranty Notice:

Bushmaster Firearms International® will provide service for defects in materials or workmanship at no charge to the purchaser for a period of one year from the date of sale of any BFI® product. Be sure to retain your sales receipt in order to demonstrate the proof of purchase date.

Manufacturer's Warning:

This product from Bushmaster Firearms International® is defined by the Alcohol, Tobacco, and Firearms Division of the Federal Government as a firearm. By definition, this product is **Potentially Lethal!**

Manufacturer's Warning:

Any unusual force applied to the firearm through a use that is inconsistent with the intended design parameters of this firearm can possibly cause premature failure.

Manufacturer's Warning:

This firearm has an external safety device that can be toggled from “SAFE” to “FIRE.” With the firearm on “FIRE,” never insert your finger or any other object within the trigger guard or depress the trigger unless you intend to fire the firearm. If the safety is ever found to be defective for any reason, immediately unload the firearm. DANGER of an unintentional discharge exists if the firearm remains loaded with an inoperable safety. If the safety is defective, do not use the firearm again (or allow anyone else to have access to it) until a qualified gunsmith or Bushmaster Firearms International® armorer can properly repair the deficiency.

Lead Exposure Warning:

Ammunition used in this firearm often contains lead. The use of this ammunition may expose you to lead. Lead or lead compounds are known to the State of California to cause cancer, birth defects, reproductive toxicity, and other serious physical injury. Those who clean firearms should take protective measures to avoid contact or exposure to such chemicals.

**For Warranty Repair Please Contact Customer Service At:
800-883-6229**

See page 48 for detailed instructions.

Shipping Notice:

It is illegal to ship a firearm with ammunition in the same packaging. It is also illegal to ship a firearm with serial numbers that have been obliterated.

Exclusions From Warranty:

1. If this firearm has been disassembled further than what is necessary for basic “Field Strip” maintenance, and if damage has occurred as a result of improper disassembly, reassembly, or use, then the purchaser shall forfeit any claim. Further, the firearm owner must accept full responsibility for the correct reassembly and functioning of all parts, including replaced parts.
2. This firearm is intended to be used with expertly loaded ammunition adhering to specifications set by the Sporting Arms and Ammunition Manufacturers’ Institute. (SAAMI) Bushmaster Firearms International® can, at its sole discretion, void any obligation to service the firearm or any claim if any non-SAAMI specified ammunition is employed.
3. The following activities are not allowed:
 - (a) With the upper removed, the trigger should never be depressed so as to allow the hammer to strike the lower receiver.
 - (b) Never apply excessive heat to the firearm or any component parts to the point that it may effect the hardening surface treatments.
 - (c) Never apply and leave corrosive or abrasive agents on any surfaces.
 - (d) Avoid use of corrosive ammunition.
 - (e) Never disable the safety.
 - (f) Never fire the rifle without the Cam Pin properly installed.
 - (g) Never use foam cleaning agents.
4. Any damages associated with the possession and/or use of any BFI® product are limited to, and may not exceed, an amount equivalent to the Manufacturer’s Suggested Retail Price (MSRP) of the firearm. Any consumer that intends to purchase a BFI® product hereby agrees to this limitation as a precondition of the sale.
5. In no way shall BFI® be responsible for incidental or consequential damages related to economic loss, injury, death, or property damage, even if such damages are as a result of a breach of this warranty, negligence or otherwise.

SERIAL NUMBER AND CALIBER AMMUNITION

Your firearms serial number is located on the left side of the magazine well.
The correct caliber marking intended for use with your firearm is located on the barrel.



WARNING! Only use ammunition designated by the caliber marking on the barrel. Use of ammunition not designated by the marking on your firearms barrel may cause property damage, serious personal injury and/or death.

Ensure that you check the cartridge headstamp for the correct caliber marking before loading your firearm. **SEE FIGURE 1 BELOW.**



WARNING! Do not apply oil, grease, or any lubricants to cartridges. Applying lubricants to cartridges may interfere with proper operation of the cartridge, resulting in property damage, personal injury and/or death.

WARNING! As military ammunition does not have a headstamp indicating the cartridge type, it is the responsibility of the user to determine the cartridge type of the ammunition before use. Using improper ammunition may cause property damage, personal injury, and/or death.

IMPORTANT PARTS OF THE BA50®

This photo is intended to assist with identification and location of all features and parts of the BA50® that are referenced throughout this users manual.



Upon receiving your BA50®, it is your responsibility to ensure that all components are present and to inspect the rifle for any obvious damage. Any and all discrepancies and problems are to be reported to Bushmaster® Customer Service at 800-883-6229 or info@bushmaster.com.

NOTE: This manual's illustrations and depictions may contain cosmetic differences that have no bearing on safety or performance of your BA50®.



Bushmaster® reserves the right to change the appearance and specifications of the BA50® without notification.

THE SAFETY MECHANISM

The safety selector is intended to provide protection against accidental and/or unintentional discharge of the rifle when the safety selector is fully engaged in the “SAFE” position.

The safety selector is located on the left side of the rifle, towards the rear of the lower receiver. To properly engage the safety mechanism, rotate the safety selector counter-clockwise until the arrow on the safety selector is pointed directly to the “SAFE” position. The rifle must **ALWAYS** be placed to “SAFE” before being handled, loaded, or unloaded.

Once the shooter is ready to discharge the firearm, rotate the safety selector to the “FIRE” position. This will disengage the firearms safety mechanisms, and will render the firearms trigger active. This allows the rifle to be discharged when the trigger is pulled. **SEE FIGURE 3, PAGE 19.**

WARNING! Never place your finger on the trigger unless you are ready to discharge (FIRE) the firearm even when the safety is engaged. An unintentional or uncontrolled discharge of your firearm may cause property damage, personal injury and/or death.

WARNING! Do not alter, bypass, or render the safety features of the firearm inoperative. Altering, bypassing, or rendering these features inoperative may cause property damage, personal injury and/or death.



SAFETY ON



SAFETY OFF /
LIVE FIRE

The BA50® is shipped partially disassembled in its case. The following instructions outline how to properly assemble the BA50®.

1. Remove the complete upper receiver from the case and lay it on a stable, non-marring, surface with the picatinny rail down and upper lugs pointed up. At this point lightly lubricate the upper lugs inside and out.
2. Remove the complete lower receiver from the case, with the hammer cocked, and the safety selector on “SAFE.” Next, fully open the rear takedown and front pivot pins. Position the lower receiver’s forward lugs over the upper receiver’s forward lug. (Some up, down and pushing motion will be required to align the lug holes) When the lug’s holes are aligned, push in the front pivot pin fully. Next, close the lower receiver onto the upper receiver and align the rear lugs. Push in the rear takedown pin fully. Never force the lower receiver pins into the upper receiver lugs. Use only light force. Forcing the pins may result in damage to the pins and/or lugs.

NOTE: This is the suggested protocol for assembling the BA50®. You may find other ways to be more comfortable to accomplish this process. **SEE FIGURE 4 – PAGE 21.**

WARNING! ALWAYS ensure your BA50® lower receiver is placed on “SAFE” before assembling the upper and lower receivers.

NOTE: Detents on both the pivot and takedown pins hold the pins in their retracted position and help reduce the potential for these pins to be lost. These detends may be taut upon initial installation, they will break-in after being exercised.



3. Remove the bipod from the case and securely attach to the picatinny on the bottom of the handguard.

LOADING THE MAGAZINE

WARNING! Always check the manufacturers packaging as well as the head stamp of each cartridge to ensure that the markings match the marking on your BA50® barrel. Use of incorrect ammunition can result in property damage, serious personal injury, and/or death.

WARNING! The use of improperly loaded or hand-loaded ammunition can lead to barrel obstructions, excessive pressure and/or inadvertent discharge of a firearm, which can result in property damage, serious personal injury, and/or death.

1. While holding the magazine against a flat surface as shown in **FIGURE 5**, position a cartridge of the proper type on top of the magazine between the feed lips and with the cartridge head flush with the rear, inside face of the magazine.

FIGURE 5



2. With the cartridge properly positioned, push down on the cartridge until it is fully seated in the magazine. Make sure the cartridge head is touching the rear inside face of the magazine.

SEE FIGURE 6.

3. Place the next cartridge on top of the previously seated cartridge and push down between the feed lips until it becomes seated in the magazine. The cartridges will sit staggered in the magazine with respect to the cartridge below it. The head of each cartridge should be touching the rear inside face of the magazine.

4. Repeat Step 3 until the magazine is full or the desired number of rounds have been loaded.

WARNING! Do not attempt to exceed magazine capacity as it may damage the magazine and your firearm.

FIGURE 6



LOADING THE FIREARM

WARNING! Never assume your firearm is unloaded. Always be aware of the direction of the muzzle of your firearm, even if you think it is completely unloaded. Careless handling of any firearm can result in property damage, serious personal injury, and/or death.

WARNING! The firearm can be discharged with the magazine removed. If a cartridge is chambered, the bolt is closed and the safety selector is in the “FIRE” position, depressing the trigger will cause the firearm to discharge. An unintentional or uncontrolled discharge of your firearm can result in property damage, serious personal injury, and/or death.

WARNING! Bushmaster Firearms International™ will not be responsible for damage, injury, or death resulting from intentional or accidental discharge of this firearm due to improper handling, maintenance, alterations, or for any other reason.

NOTE: A magazine may be inserted into this firearm’s lower receiver and a round chambered with the bolt assembly in either the open or closed position. However, the magazine will seat and lock into the lower receiver easiest, with the bolt in the open position.

WARNING! An unfired cartridge can discharge if left in a hot barrel. This is often referred to as a “cook-off”. If an unfired cartridge cannot be removed from a hot barrel quickly, remove the magazine from the firearm and allow the barrel and unfired cartridge to cool 15 minutes while maintaining control of the firearm and keeping the muzzle pointed in a safe direction. An unintentional or uncontrolled discharge of a firearm can result in property damage, serious personal injury, and/or death.

1. Always keep the firearm pointed in a safe direction.
2. Place the safety selector in the “SAFE” position and remove the magazine. See “Unloading the BA50®” on pages 26 and 27 in this manual.

3. Open the bolt by lifting the bolt handle up and pulling fully rearward.
4. Verify the chamber is completely unloaded. See “Unloading the BA50®” on page 26 in this manual.
5. With the magazine facing forward (cartridges projectiles in the magazine will point towards the muzzle). Center the loaded magazine in the firearm’s magazine well. Insert the magazine until the magazine catch engages and holds the magazine. Failure to properly seat the magazine may result in feeding issues.
6. Slap upwards on magazine bottom to ensure it is fully seated.
7. Pull down on the magazine bottom to verify it is securely engaged in the magazine well. If the magazine releases from the magazine well, repeat steps 5 through 7.
8. With a loaded magazine secured in the magazine well, push the bolt handle fully forward, and then rotate down once the bolt has reached a “stop” point, closing the bolt and loading a cartridge into the chamber. Make sure the bolt handle is all the way down prior to firing.

WARNING! If the bolt does not close completely (the bolt handle does not travel all the way down in the slot in the upper receiver), the bolt handle must not be forced in any way. Open the bolt, eject the round, and inspect the chamber for cleanliness and any obstructions. See “Cleaning, Lubrication, and Maintenance” starting on page 27 of this manual. Hard bolt closure may indicate a number of conditions which, if forced, may result in excessive pressure being produced. Excessive pressure may result in property damage, serious personal injury, and/or death of the shooter and/or bystanders.

9. Verify the safety selector is still in the “SAFE” position. If it is in the “FIRE” position, rotate it fully to the “SAFE” position.

WARNING! Failure to put the safety selector in the “SAFE” position as stated in step 2, is the fault of the shooter and may lead to the unintentional discharge of the firearm, resulting in property damage, serious personal injury, and/or death.

WARNING! The firearm is now fully loaded with the safety selector in the “SAFE” position. Rotating the safety selector to the “FIRE” position and pulling/depressing the trigger will discharge the firearm. An unintentional discharge of a firearm may result in property damage, serious personal injury, and/or death.

UNLOADING THE BA50®

WARNING! Never assume your firearm is unloaded. Always control the direction of the muzzle of your firearm, even if you think it is completely unloaded. Careless handling of a firearm may cause property damage, personal injury and/or death.

1. Always keep the firearm pointed in a safe direction.
2. Engage the safety mechanism by placing the safety selector in the “SAFE” position. If the safety selector will not engage in the “SAFE” position, proceed to Step 3 with caution. Once again verifying that the firearm is pointed in a safe direction.
3. Press the magazine release button and remove the magazine box.
4. Pull the bolt handle up and then fully rearward.
5. Verify that the safety selector is fully in the “SAFE” position. If the safety selector could not be engaged in Step 2, place it in the “SAFE” position now.

WARNING! IF the safety selector still cannot be engaged fully in the “SAFE” position the firearm is NOT in a safe operating condition and must NOT be used until it is inspected, and the problem corrected by a qualified gunsmith. The use of a firearm that is not in a safe operating condition may result in property damage, serious personal injury, and death. See “Repair Instructions” on page 48.

6. Look into the ejection port and visually check the chamber and magazine well for cartridges to make sure the firearm is completely unloaded.

7. Keep the bolt open and/or place a chamber flag in the chamber of the rifle to visually demonstrate that the rifle is clear.

THE BARREL

CHECKING FOR OBSTRUCTIONS

WARNING! The inside of the barrel must be clean and free of obstructions. Discharging a firearm with an obstructed barrel may cause overpressure which may result in property damage, serious personal injury, and/or death.

NOTE: A barrel obstruction is defined as any debris or blockage located inside of the chamber or barrel of the rifle. This includes excessive oil, cobwebs, dirt, water and excessive carbon/lead/copper deposits.

1. Always keep the firearm pointed in a safe direction.
2. Completely unload the firearm, both chamber and magazine by following the steps detailed in “Unloading the BA50®” on page 26 of this manual.
3. Remove the upper receiver and the bolt carrier group.
4. Next, push a cleaning rod with a properly sized patch or bore brush completely through the barrel starting at the chamber end until the rod can be seen protruding from the muzzle end.

REMOVING OBSTRUCTIONS

WARNING! NEVER try to remove an object from the barrel by loading another cartridge and firing. This may cause the barrel to burst or cartridge to rupture causing property damage, personal injury and/or death.

If you have encountered a stuck case after firing your rifle, **DO NOT BEAT** on the bolt handle. Beating on the bolt handle will void your warranty, and any subsequent repairs will be at cost to you. To avoid damage to the muzzle crown, use a 5/16 wooden dowel rod of appropriate length to tap the stuck case out from the muzzle end, with the bolt handle in the up position.

WARNING! DO NOT place your hand in front of the muzzle or place anything inside of the barrel unless you have verified that the stuck case has been fired.

WARNING! Failure to follow these instructions and heed all warnings may result in property damage, personal injury and/or death.

WARNING! If you are unsure of the status of the stuck round, or you are unable to perform these tasks, please contact Bushmaster Firearms® or a qualified gunsmith.

1. Always keep the firearm pointed in a safe direction.
2. Completely unload the firearm, both chamber and magazine by following the steps detailed in “Unloading the BA50®” on page 26 of this manual.
3. Insert a cleaning rod through the chamber end of the barrel until it is protruding from the muzzle end.
4. Lightly tap the cleaning rod to remove the obstruction towards the muzzle until the end of the cleaning rod can be seen and the obstructing material or object can be removed.

5. Repeat the steps detailed under “Checking for Obstructions” on the previous page to ensure the barrel is free of obstructions. Repeat Steps 1 through 4 as needed.
6. If an object cannot be easily pushed out of the barrel with a cleaning rod, contact Bushmaster® or your qualified local gunsmith.

FIRING THE BA50®

WARNING! Always wear eye and double hearing protection when discharging any firearm. Failure to do so may result in personal injury. See page 7-10 of this manual for firearm safety rules.



NOTE: Double hearing protection is defined as foam ear plugs in each ear, and over the ear hearing protection covering both ears. Harmful levels of noise are generated when discharging this firearm.

WARNING! The inside of the barrel must be clean and free of any obstructions. Discharging a firearm with a dirty and/or obstructed barrel may cause property damage, personal injury, and/or death. See page 7-10 of this manual for firearm safety rules.

WARNING! Never discharge a firearm with water or other obstruction in the barrel. Discharging a firearm with water, excess oil or grease or other obstructions in the barrel may cause property damage, personal injury and/or death.

WARNING! When firing your BA50®, you must ensure that your location has adequate space to safely discharge this firearm. Always be sure of your target and what is beyond. 50 Caliber projectiles can travel upwards of 5 miles.

WARNING! Always make sure the back drop of your range is sufficient to stop a .50 Caliber round. If the range does not allow .50 calibers, do not shoot this rifle at this range. There could be back drop issues that prevent safe shooting of .50 caliber rifles. Check with your range RSO before shooting.

NOTE: Your Bushmaster BA50® rifle will require shooting about 50 rounds to break-in properly. Bushmaster Firearms does not offer any specific break-in procedure aside from cleaning the rifle upon purchase, and using the rifle. Your bore will be less prone to fouling over time and accuracy may improve with use.

1. Always keep the firearm pointed in a safe direction.
2. Load the firearm. See “Loading the Firearm” on page 24 of this manual.
3. Mount the butt stock of the firearm firmly against your shoulder prior to firing. Firing the rifle in any position that differs from the described may result in injury by contacting the rifle or rifle scope upon recoil.

4. Point the muzzle at your intended target and acquire the target using a scope or sighting system. Always know what is beyond your target.
5. Rotate the safety selector to the “FIRE” position.
6. Pull the trigger. The firearm will discharge.

WARNING! If a cartridge does not discharge when the trigger is pulled (misfire), maintain control of the firearm and keep it pointed in a safe direction and wait two minutes before opening the bolt or the action. See the “Unloading Your Firearm” section of this manual. Failure to wait the allotted time may result in property damage, personal injury, and/or death from a delayed and/or uncontrolled discharge of the cartridge.

WARNING! If the “report” of a discharged cartridge is noticeably softer or louder or in any way irregular, stop shooting. While keeping the muzzle pointed in a safe direction, completely unload the firearm, and check for bore obstructions. See “The Barrel” starting on page 27 of this manual. Discharging a firearm with an obstructed barrel may cause property damage, personal injury, and/or death.

WARNING! If the recoil of the firearm when you fire a round is harder or softer, or any way irregular, stop shooting. While keeping the muzzle pointed in a safe direction, completely unload the firearm, and check for bore obstructions. See “The Barrel” starting on page 27 of this manual. Discharging a firearm with an obstructed barrel may cause property damage, personal injury, and/or death.

WARNING! DO NOT attempt to force a cartridge into the chamber of your BA50® by forcing the bolt to close. Your rifle bolt should close easily. If it does not, remove the cartridge from your rifle, unload the firearm, and examine the cartridge for damage or defects. If none are found, inspect the chamber and bore for obstructions.

NOTE. If you believe that your rifle has an obstruction, do not fire the firearm, contact Bushmaster® Firearms or a qualified gunsmith.

7. After you have fired the round, pull the bolt handle up and then fully rearward. The fired cartridge case will be extracted from the chamber and ejected during this action.

8. When you are done shooting, without touching the trigger, fully rotate the safety selector lever to the “SAFE” position.

9. Press the magazine release button and remove the magazine box.

10. Look into the ejection port and visually check the chamber for cartridges to make sure the firearm is completely unloaded.

WARNING! Never perform maintenance or repairs on a firearm that has not been verified to be completely unloaded including the chamber and magazine. Always ensure the safety mechanism is engaged to the “SAFE” position before proceeding. Failure to verify the firearm is completely unloaded prior to performing maintenance may result in property damage, personal injury, and/or death. See “Unloading the Firearm” on page 26 of this manual.

WARNING! The BA50® trigger IS NOT adjustable. Never modify, manipulate, adjust, or change any of the internal components of this firearm. Doing so may result in property damage, personal injury and/or death. Improper manipulation of any internal components, may affect the safety and reliability of your firearm and may result in property damage, personal injury and/or death.

1. BEFORE FIRING THE RIFLE: Verify the bore and chamber are clean and clear of debris. The chamber should be dry and free from oil and grease. Thoroughly clean and dry the bore and chamber. Use coated or nonmarring cleaning rods by inserting them from the chamber to the end of the barrel. Be careful not to damage the muzzle crown (the junction of the rifling and the flat end of the muzzle) as this will affect the accuracy of the rifle.

2. AFTER FIRING THE RIFLE: The rifle should be cleaned and lubricated as soon as possible after each shooting session. After every 50 rounds it is recommended that the bore be scrubbed with a copper solvent to remove deposits. Clean the chamber with a nonaggressive cleaner, such as Lucas Oil Extreme Duty Bore Solvent, and wipe clean. It is important NOT to scratch or mar the chamber.

3. STORAGE When the firearm is to be stored, it should be carefully cleaned and thoroughly oiled as described below. For longer term storage, the bore, chamber, bolt carrier group and outside metal surfaces should be wiped with quality gun oil before being stored and again at least every six months. Storage in humid environments will require more frequent reapplication of oil, and the condition of your firearms finish should be closely monitored.

NOTE: If this rifle is to be stored within a case or soft-sided rifle bag, either for long term storage or transport, ensure that the case or soft-sided bag, as well as the rifle itself, are completely free of moisture. If storing for any extended period of time, apply gun oil to the exterior of the rifle and ensure that the condition of the firearms finish is routinely inspected.

DISASSEMBLING FOR CLEANING (FIELD STRIPPING)

1. Always keep the muzzle pointing in a safe direction. Ensure firearm is not loaded.
2. Place the safety selector in the “SAFE” position.
3. Push out the rear takedown pin until its fully opened, pivot the upper receiver to the open position, push the front pivot pin out, and separate the upper and lower receivers.
4. Place the upper receiver on a flat, secure, non-marring work surface.

REMOVING THE BOLT CARRIER GROUP

5. Check to ensure the firearm is completely unloaded, both chamber and magazine. See “Unloading the Firearm” on page 26 of this manual.
6. With the bolt closed and the bolt handle rotated fully downward, use a 5/32” hex key to loosen the bolt handle set screw about 1/8” (4-5 turns). **SEE FIGURE 7 – PAGE 35.**

PLACE THE SET SCREW IN A SAFE LOCATION AND RETURN IT TO THE RIFLE AS SOON AS POSSIBLE.

7. Unlock the bolt by rotating the bolt handle to its up position.

8. Remove the bolt handle and bolt handle bushing by lifting them from the bolt.
SEE **FIGURE 8 BELOW.**

9. Carefully slide the bolt carrier group to the rear opening of the upper receiver and remove it from the upper receiver.

FIGURE 7



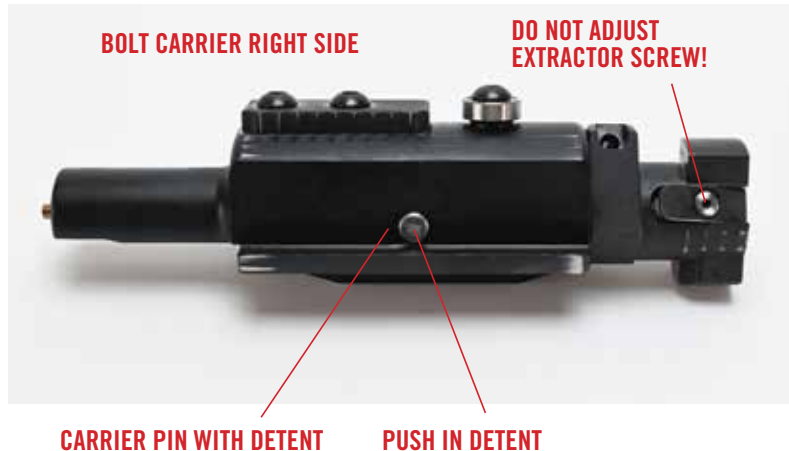
FIGURE 8



DISASSEMBLING THE BOLT CARRIER

1. Remove the carrier pin by driving out the carrier pin using a small flat punch.
SEE FIGURE 9 BELOW.
2. Loosen (do not remove) the firing pin extension set screw on the left side of the bolt carrier using a 1/8" hex key and remove the firing pin extension. **SEE FIGURE 10 - PAGE 37.**
3. **DO NOT ADJUST EXTRACTOR SCREW.** Adjusting the extractor screw will void your warranty and all subsequent repairs will be at cost to you. **SEE FIGURE 9 BELOW.**

FIGURE 9



4. Carefully remove the firing pin from the carrier.
5. Next remove the cam pin from the bolt as shown in **FIGURE 10 BELOW.**
6. Remove the bolt from the carrier.
7. Remove the firing pin spring from the bolt. (If the firing pin spring does not freely fall from the bolt, use a small punch to push the firing pin spring out.)

FIGURE 10

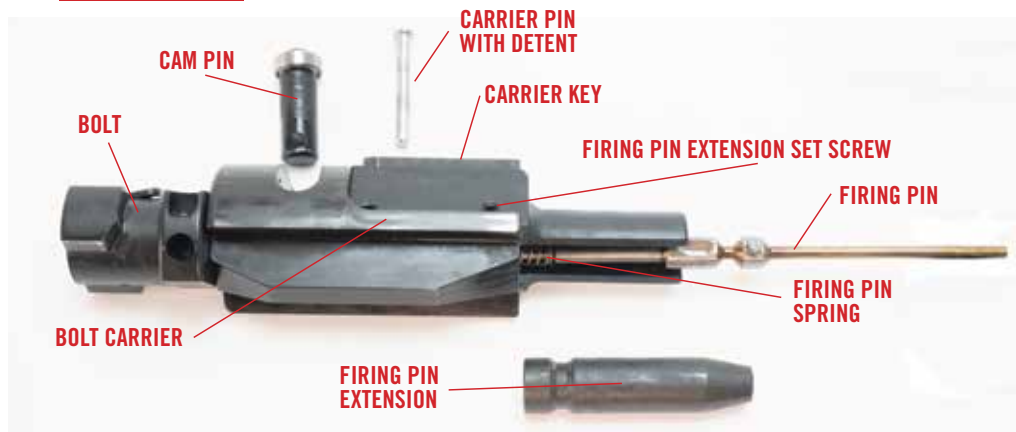
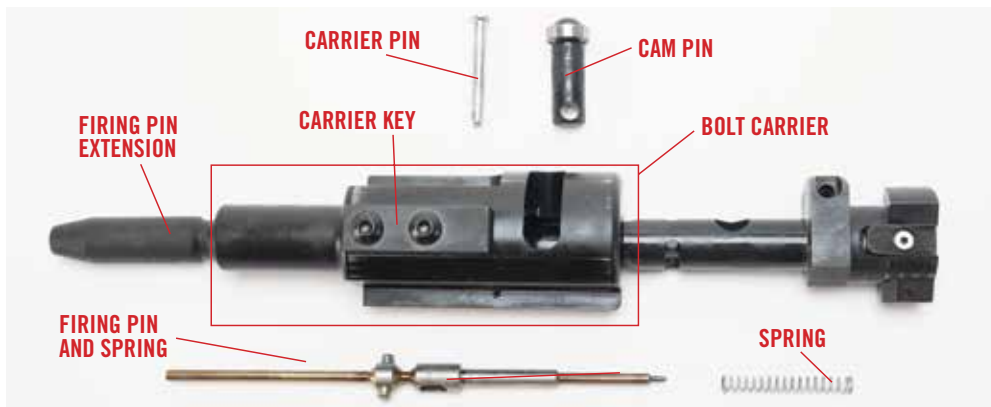


FIGURE 11: Disassembled Bolt Carrier. Shown below are the disassembled components of the Bolt Carrier Group.

FIGURE 11



**STOP! BUSHMASTER® DOES NOT RECOMMEND
DISASSEMBLING BEYOND THIS POINT.
DOING SO WILL VOID YOUR WARRANTY.**

WARNING! Unload the firearm before cleaning. Look into the ejection port and visually check the chamber and magazine to make sure there are no cartridges in the firearm. Always wear eye protection when handling, disassembling, and reassembling the firearm. Failure to follow these instructions may cause property damage, personal injury and/or death.

WARNING! Ensure that NO live ammunition is present during the disassembly or reassembly process. This includes inside of the firearms magazines.

NOTE: Performance of proper maintenance as outlines in this manual, ensures that your BA50® is operating as intended and is safe to shoot.

THE BARREL

1. Remove the bolt carrier group. See instructions starting on page 34.
2. Select the correct caliber cleaning brush for your firearm and attach the brush to the cleaning rod.
3. Place the cleaning brush into a quality cleaning solvent for bore cleaning. We suggest the use of Lucas Oil Extreme Duty Bore Solvent.
4. Push the cleaning brush through the barrel several times, from the chamber to muzzle.
5. Remove the cleaning brush from the cleaning rod. Attach a tip with a patch and push the patch through the bore several times.
6. Repeat steps 3 through 5 as needed, using a new patch each time, until the patch comes out clean.
7. If you plan to store this firearm, push a clean patch soaked with gun oil through the barrel at this time.
- 7a. Before firing the rifle after storage, ensure that you have removed all oil from the barrel by using a quality solvent.
8. Verify all patches have been removed from the barrel after cleaning.

CORROSIVE AMMUNITION PRECAUTIONS

WARNING! Bushmaster Firearms® does not warranty the rifle after the use of corrosive ammunition. Corrosive ammunition may damage your firearm. This damage is easily diagnosed and detected, and will void your firearms warranty.

If you have been forced by necessity or thorough result of an accident, fired corrosive ammunition through your BA50®, follow the cleaning steps below immediately to prevent or minimize the possible damage the ammunition may have caused.

1. Immediately after firing corrosive ammunition, rinse all surfaces of your rifle with extremely hot water.
2. Prepare extremely hot water with dish soap.
3. Wear thick rubber cleaning gloves and scrub all parts that contacted the corrosive ammunition, this includes the entire bolt assembly, barrel extension, barrel and muzzle brake.
4. Repeat steps 2 and 3 until thoroughly cleaned.
5. Rinse all parts under clean hot water.
6. Wipe excess moisture off of all parts. The heat absorbed by the metal should assist in evaporating the remaining moisture.
7. Continue the cleaning process as stated for non corrosive ammunition.
- 7a. If you must transport the rifle immediately, coat all surfaces with a heavy coat of oil or equivalent rust preventative.

WARNING! Always have proper ventilation while cleaning firearms. Cleaning a firearm in poorly ventilated areas, discharging firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm and other serious physical injury. Wash hands thoroughly in cold water after exposure.

WARNING! After cleaning, make sure the barrel is free of obstructions, see “The Barrel” on page 23 of this manual. Discharging the firearm with a dirty and/or obstructed barrel may cause property damage, personal injury and/or death.

UPPER RECEIVER & LOWER RECEIVER: Periodic cleaning of the ID of the upper receiver (inside of the upper receiver) is required to ensure proper function of the bolt carrier group. After cleaning the upper receiver, oil the contact points where the bolt carrier rides. Clean and lubricate the bolt carrier group, verify the firing pin is moving freely in the bolt by pressing on the rear of the firing pin, and checking that the firing pin protrudes from the bolt face.

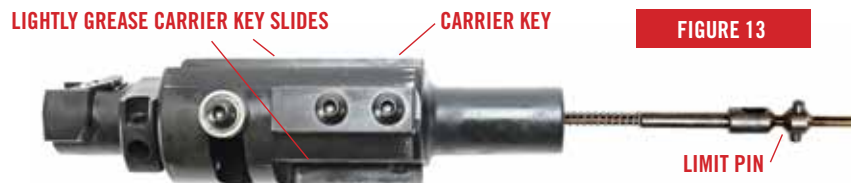
CLEANING THE LOWER RECEIVER AND ITS LUBRICATION: Clean or blow out dust and any debris from the lower receiver trigger mechanism and safety. Never lubricate the trigger and hammer engagement area, lubricate the safety, pivot pin, and take down pin. Lubricate the magazine catch assembly and test its function. It should move freely.

BOLT CARRIER GROUP: The parts of the bolt carrier group should be cleaned and then lightly oiled before reassembly. **SEE FIGURE 11, PAGE 38** for bolt and bolt carrier disassembly and reassembly. Apply a light coating of quality gun grease to the bolt carrier key and bolt lug faces.

BIPOD ASSEMBLY: Clean the bipod assembly to remove any dirt or debris. Lubricate all moving parts as needed.

WARNING! The firearm owner and user accepts full responsibility for the correct reassembly and functioning of the firearm after disassembly or replacement of parts. Incorrectly assembling the firearm or the use of modified or incorrect parts may result in property damage, personal injury and/or death.

NOTE: If you are unable to perform any of these disassembly or reassembly tasks, please contact a qualified gunsmith to perform them for you.



1. Insert the bolt into the bolt carrier after lightly greasing the back lug surface of the bolt. With the cam pin recess in the up position, insert the cam pin with the cam's firing pin hole aligned with the bore of the carrier. **SEE FIGURE 12, PAGE 42**
2. Insert the firing pin and firing pin spring at the same time, fully into the bolt. Ensure the firing pin's limit pin is seated in the bolt recesses. **SEE FIGURE 13, PAGE 42.**
3. Insert the carrier pin for the firing pin from the left side of the bolt carrier. You may need to slightly rotate the bolt to allow alignment and insertion of the carrier pin, or you may need to adjust the position of the firing pin. Once fully inserted, the carrier pin will protrude on the right side of the bolt carrier and will be held in place by its spring and detent mechanism. **SEE FIGURE 9, PAGE 36** for carrier pin location).
4. Install the firing pin extension (large end first) over the rear portion of the firing pin. **SEE FIGURE 10, PAGE 37** Secure the extension in place by tightening the set screw located in the left side of the bolt carrier using a 1/8" hex key. Tighten until the set screw bottoms out in the set screw recess.
5. Align the carrier key and the cam pin to the 12 o'clock position with the upper receiver channel. **SEE FIGURE 14, PAGE 44.** Slide the bolt and carrier group forward until it contacts the barrel extension.
6. Insert the bolt handle and bolt handle bushing into the bolt handle recess and tighten the bolt handle set screw into its recess, located on the top of the bolt handle shaft, with a 5/32 hex key. We recommend using non-permanent Loctite® (Loctite® 243) on the threads of the set screw. Secure tightly. **SEE FIGURE 15, PAGE 44.**
7. Assemble the upper receiver to the lower receiver as detailed in "Assembling the BA50®" on pages 20 and 21.

FIGURE 14

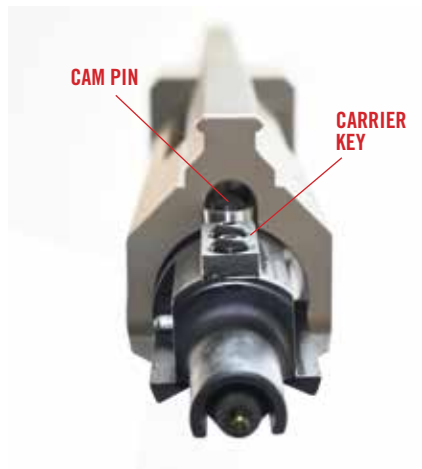


FIGURE 15



During reassembly and after reassembly is complete, a function test should be conducted to ensure proper operation of the firearm, before loading or discharging the firearm. If the firearm does not function as described in any part of the function test procedure, the firearm is NOT in a safe condition. The firearm must NOT be used until you have it inspected and any issues corrected by a qualified gunsmith or Bushmaster Firearms®.

WARNING! If the firearm experiences a malfunction during the function test, the firearm is NOT in a safe operating condition and it must NOT be used until you have it inspected and the problem corrected. The use of a firearm that is not in a safe operating condition may result in property damage, personal injury, and/or death.

WARNING! Completely unload the firearm (both chamber and magazine) before function testing. See “Clearing/Unloading the Firearm and Magazine” section in this manual. Always wear eye protection when handling, disassembling, and reassembling the firearm. Failure to follow these instructions may cause property damage personal injury, and/or death.

1. Always keep the firearm pointed in a safe direction.
2. Place the safety selector in the “SAFE” position and remove the magazine. See “Unloading the BA50®” on pages 26 and 27 of this manual.

NOTE: Ensure that all live ammunition has been removed from the vicinity of the rifle, and that all magazines contain no live ammunition.

3. Open the bolt by pulling the bolt handle up and fully to the rear.
4. Visually and physically verify the chamber is completely unloaded. See “Unloading the BA50®” on pages 26 & 27 of this manual.

5. Remove the bolt carrier group from the upper receiver. Apply pressure to the rear of the firing pin when the bolt is in the firing position. The firing pin should depress freely against the firing pin spring. If the firing pin does not depress, see **FIGURE 10, page 37** to ensure the firing pin was installed properly.
6. Examine the bolt face to ensure the firing pin IS protruding from the bolt face when in the firing position. See **FIGURE 16 BELOW.**
7. Examine the bolt face to ensure the firing pin IS NOT protruding when the bolt is in the open or non-firing position. See **FIGURE 17 BELOW.**

FIGURE 16



FIGURE 17



WARNING! Failure of the firing pin to retract when the bolt handle is lifted indicates the rifle is NOT in a safe operating condition and must NOT be used until you examine, inspect and determine the cause of the failure. If you are unable to determine a cause, cease use of the firearm and contact Bushmaster Firearms® or a qualified gunsmith.

8. Insert the bolt carrier group into the upper receiver bolt end first and with cam pin and carrier key aligned at the 12 o'clock position.

9. Close the bolt by pushing the bolt handle fully forward and rotate down.
10. Assemble the upper receiver to the lower receiver as detailed in “Assembling the BA50®” on page 20 and 21 of this manual.
11. After closing the upper receiver on the lower receiver, work the bolt carrier, by moving the bolt handle back and forth and rotating the bolt handle into its down position. The capture bearing, located in the bolt carrier, will create a camming affect when the bolt handle is moved into the down or captured position. The camming effect on the bolt handle gives the operator an indication the bolt is closed when the bolt handle is in its fully down position. This is in addition to visually inspecting the bolt handle is in the fully down position prior to firing the firearm.
12. If the bolt handle does not seat into the captured or fully down position, contact Bushmaster® for trouble shooting instructions.
13. After confirming the firing pin and bolt carrier group are functioning and the bolt handle has been captured into the down position, the firearm is ready to operate.
14. With the safety selector in the “FIRE” position. With the firearm still pointed in a safe direction, pull the trigger. The hammer should release. Repeat this multiple times. Never do this without the upper receiver and bolt installed.
15. Remove your finger from the trigger and verify the trigger returns to the fully forward position.
16. Place the safety selector in the “SAFE” position and remove the magazine. See “Unloading the BA50®” on pages 26 and 27 of this manual.

HOW TO OBTAIN SERVICE FROM Bushmaster Firearms®:

PLEASE HAVE THE FOLLOWING INFORMATION READY BEFORE YOU CALL OR INCLUDE IT IN YOUR EMAIL.

Please call 800-883-6229 or email info@bushmaster.com

1. Firearm model and serial number.
2. Date and location of purchase. Are you the original owner?
3. Type of service requested and detailed description of condition.
4. Your complete mailing address (P.O. Box and Street Address) including zip code, telephone number and e-mail address.

WARNING! Use only Bushmaster® parts in Bushmaster® firearms. The use of unapproved components or incorrect parts in Bushmaster's® firearms will void the warranty and can result in property damage, personal injury, and/or death.

WARNING! Do not send live cartridges with your firearm.

This firearm comes with a one year warranty. All other warranty claims will be evaluated on a case-to-case basis. If your warranty has been rendered void for any reason, Bushmaster Firearms® may refuse your claim. If you have voided your warranty, and Bushmaster approves your claim, all repairs will be at cost to you. You are responsible for completing payment of any invoice associated with your repair within 10 (ten) business days of the invoices issuance.

If there is a defect with your Bushmaster® firearm that (A) you believe is, or should be, covered by the Warranty, (B) you would like Bushmaster® to address at your cost and expense, or (C) you would otherwise like to discuss with Bushmaster®; please contact Bushmaster® Customer Service at 800-883-6229 or info@bushmaster.com. Please do not send your firearm or other item to Bushmaster® without first (A) calling 800-883-6229, (B) receiving instructions from an Bushmaster® representative, and (C) obtaining a RMA Request Form. Bushmaster® will either e-mail this document to you or if you do not have an e-mail address, Bushmaster® will mail a copy to you. Please be sure to store a copy of your RMA Request Form in your records so it will be both safe and accessible. Finally, to the extent you seek Warranty coverage, please review the Warranty for BushmasterFirearms® and note that you may void your Warranty by acting without first contacting BushmasterFirearms®.

If shipment of your firearm is required, a RMA Request Form must be obtained prior to shipment and please follow the instructions below:

1. Record the serial number of your firearm before shipping.
2. Ensure your firearm is unloaded. To unload your firearm, see the “Unloading the BA50®” section on pages 26 and 27 this manual.
3. Pack your firearm securely in the original hard case provided with your firearm. Then place the hard case within an outer cardboard box.
4. Mark the exterior of the cardboard box with your provided RMA number.
5. Remove all accessories from the firearm to prevent loss or damage. Do not ship with optics and mounts. Any optics or mounts sent to Bushmaster® Firearms are the sole responsibility of the customer, and Bushmaster® Firearms will not be held liable for loss or damage of any optics or mounts that are not removed by the customer prior to shipment.

6. Include your Return Merchandise Authorization, full name, address including zip code, daytime telephone number and email address.
7. Check your state and local regulations, along with Federal laws, before shipping.
8. When you ship your firearm, Bushmaster® is not responsible for damage or loss during shipment. We recommend photographing your parts in your original case prior to shipment. This can aid in processing any potential insurance claims you may encounter due to shipping losses or damage.

WARRANTY

Bushmaster® conditionally warrants your firearm for a period of one year from the date of purchase. Review your warranty and disclaimer information on our website for full warranty details. www.bushmaster.com

Upon receiving notice from the initial purchaser, Bushmaster® shall have the option of repairing or replacing any part claimed or found to be defective. This warranty does not cover any condition determined by Bushmaster® to be caused by or arising out of unauthorized repairs or modifications, negligent or careless use, normal wear and tear, abuse, failure to properly store or maintain the product, disassembly beyond the FIELD STRIPPING instructions in this manual, use of defective or improper ammunition, corrosion, or neglect. This warranty is exclusive and is in lieu of all or any other warranties written or oral, expressed, or implied.

WARNING: Suppressor installation must be performed by a professional gunsmith. Installing a suppressor requires specific knowledge, fixtures and tools. Failure to follow this instruction will void your BA50® warranty. Unprofessional suppressor installation can result in damage to the firearm and create unsafe headspace causing serious injury and/or death.

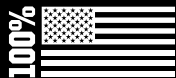
DO NOT REMOVE THE BARREL NUT, DOING SO CAN RESULT IN CHANGING THE HEADSPACE AND CREATE AN UNSAFE OPERATING CONDITION WHICH MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY AND/OR DEATH.

Bushmaster® MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. Bushmaster® SHALL HAVE NO LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

DISCLAIMER OF LIABILITY: Bushmaster® disclaims any liability for personal injury, property damage or economic loss caused in whole or in part by handloaded, reloaded, SLAP, surplus, remanufactured or defective ammunition. Under no circumstances will Bushmaster® be liable for personal injury, property damage or economic loss resulting from unsafe handling of the firearm, illegal use of the firearm or unauthorized modifications to the firearm.

DO NOT ALTER OR MODIFY YOUR FIREARM – IT WILL VOID YOUR WARRANTY

Your firearm has been designed to operate according to certain factory specifications. You will jeopardize your safety and that of others around you by attempting to alter its trigger, mechanical safety and/or other mechanism. Never alter or modify your firearm in any way. Modifications or alterations will void your warranty.



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