



SAFETY & INSTRUCTION MANUAL FOR TRADITIONS® NITROBOLT®



! WARNING: YOU MUST READ THESE INSTRUCTIONS AND WARNINGS CAREFULLY. FAILURE TO READ THESE INSTRUCTIONS AND FOLLOW THESE WARNINGS MAY RESULT IN SERIOUS INJURY OR DEATH TO YOU AND OTHERS AND DAMAGE TO PROPERTY.

This manual may not be reproduced in whole or in part without the express written permission of Traditions® Performance Firearms.

FIT-88

Rev 2
07-25 AKH

Traditions® Performance Firearms
1375 Boston Post Road
P.O. Box 776
Old Saybrook, CT 06475
(860) 388-4656
www.traditionsfirearms.com

Your Muzzleloading Rifle

Congratulations on your purchase of a Traditions® muzzleloader. You have selected the cutting edge NitroBolt® muzzleloading firearm designed and engineered to give today's shooters the highest performance and optimum accuracy. When given the respect and care that any firearm demands, you can expect many years of reliable service and enjoyable hunting from your new Traditions® muzzleloader.

The Sport of Muzzleloading

More and more sportsmen have discovered the challenge and enjoyment of muzzleloading in recent years. For both hunting and target shooting, muzzleloading firearms have helped a modern generation recapture and enjoy an important aspect of our nation's sporting past. Traditions® muzzleloaders represent the latest developments in this unique part of the shooting sports. They are manufactured to modern standards for safe and enjoyable shooting. This booklet is intended as a basic guide for the proper maintenance, loading and shooting of the Traditions® NitroBolt®, and it offers important rules and precautions for safe handling and shooting of this type of firearm. In addition to this booklet, it is recommended that the novice obtain further information and instruction before firing a muzzleloader.

Sources for this help include:

1. National Rifle Association <https://home.nra.org/>
2. National Muzzleloading Rifle Association
3. Local sporting goods dealer, State DEP, or conservation department
4. Local muzzleloader or hunting club
5. National Shooting Sports Foundation
<https://www.nssf.org/>



DANGER: Always keep your firearm pointed in a safe direction with your finger off the trigger until you are ready to fire. Never point a firearm at anything you do not intend to shoot and always be sure of what is beyond your target.

This SAFETY & INSTRUCTION MANUAL should always accompany this firearm and be transferred with it upon change of ownership or when the firearm is presented to another person.

If you don't have a manual, a printed copy is available free upon request by contacting Traditions® at the address below. A manual is also available via download at:

www.traditionsfirearms.com

**• CUSTOMER SUPPORT •
Traditions® Performance Firearms
1375 Boston Post Road
P.O. Box 776
Old Saybrook, CT 06475
(860) 388-4656
www.traditionsfirearms.com**

TABLE OF CONTENTS

1. YOUR SAFETY RESPONSIBILITIES.....	5
2. SAFE STORAGE & TRANSPORTATION.....	8
3. SAFETY RULES FOR YOUR NITROBOLT®.....	12
4. BASICS OF THE NITROBOLT®.....	14
5. SAFETIES INCLUDED ON YOUR NITROBOLT®.....	17
6. CHECKING NITROBOLT® IS UNCHARGED.....	18
7. INITIAL CLEANING OF NITROBOLT®.....	19
8. BASIC EQUIPMENT FOR SHOOTING NITROBOLT®.....	20
9. ADJUSTABLE CHEEK PIECE, LENGTH OF PULL, THREADED BARREL.....	21
10. LOADING A PROJECTILE.....	23
11. PRIMING & INSTALLING THE FIRESTICK™.....	26
12. FIRING THE NITROBOLT®.....	27
13. REMOVING A FIRESTICK™.....	28
14. MISFIRES & HANGFIRES.....	28
15. IF YOU DECIDE NOT TO FIRE.....	30
16. UNLOADING THE NITROBOLT®.....	30
17. CLEANING & MAINTENANCE OF NITROBOLT®.....	32
18. DISASSEMBLY, DETAILED CLEANING & REASSEMBLY.....	34
19. SCOPE MOUNTING & SIGHTING IN.....	41
20. SUGGESTED LOADS & INFO ON PROJECTILES, FIRESTICKS, & PRIMERS.....	43
21. WARRANTY & SERVICE.....	45


If you still have questions after reading this manual completely, please contact our customer service department at 860-388-4656 or view our how-to videos at <https://www.traditionsfirearms.com> and <https://www.youtube.com/TraditionsFirearmsOfficial>

Traditions®, NitroFire®, NitroBolt®, and the Traditions® logo are trademarks or registered trademarks of Traditions® Performance Firearms in the USA and other countries. Firestick™ is used under license from Federal Premium®.


1. YOUR SAFETY RESPONSIBILITIES


SAFETY IS YOUR NUMBER ONE RESPONSIBILITY!!!!


No matter if you are at home, in the field, at the range, or anywhere; your primary concern as a firearm owner must always be safety. You must always apply the following safety rules in every situation with any kind of firearm regardless of setting. If you feel unsure about any aspect of your firearm or its operation, please contact Traditions® before using it.


 **WARNING: YOU MUST FOLLOW ALL OF THESE SAFETY RULES TO ENSURE THE SAFE USE OF YOUR FIREARM. THE FAILURE TO FOLLOW THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL COULD CAUSE SERIOUS PERSONAL INJURY OR DEATH TO YOU OR OTHERS AND DAMAGE TO PROPERTY.**

When you become a firearm owner, you take on a serious and demanding responsibility. How seriously you take this responsibility can be the difference between life and death. There is no excuse for reckless or abusive handling of your firearm. At all times you must handle your firearm with an intense respect for its power and potential danger.


 **WARNING: YOU ARE RESPONSIBLE FOR THIS AND ALL YOUR FIREARMS AT ALL TIMES.** In owning a firearm, you have a constant responsibility for your firearms' safety and security. You must always protect yourself and all others against injury or death from misuse of the firearm 24 hours a day, 7 days a week, 365 days a year. This responsibility is not something you can ever neglect.

 **WARNING: ALWAYS BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.** Always know where a bullet you fire will hit and shoot only where there is a safe back stop free of any obstructions. Bullets can bounce or ricochet off many surfaces like rocks or the surface of water and travel in unpredictable directions with considerable velocity creating dangerous situations. NEVER fire randomly into the sky.


 **WARNING: NEVER SOLELY RELY ON MECHANICAL FEATURES SUCH AS A SAFETY.** Mechanical features such as safeties can fail and should never be relied upon with disregard to proper safe firearms handling. Only by following the safe firearms-handling procedures in this manual will the safe use of your firearm be assured. You are responsible for always following these safe firearm handling rules. Mechanical safeties in firearms are aides in establishing a more convenient operating system but are never replacements for safe handling on the part of the shooter.


 **WARNING: ALWAYS WEAR EYE AND EAR PROTECTION THAT ARE SPECIFIED FOR USE WITH FIREARMS** every time you handle your firearm for loading and firing. Make sure that all bystanders where you will be shooting are also wearing the proper eye and ear protection.


 **WARNING: ALWAYS WEAR EYE PROTECTION DURING CLEANING AND MAINTENANCE** to avoid eye injury.


 **WARNING: ALWAYS HAVE ADEQUATE VENTILATION WHEN DISCHARGING A FIREARM.** Discharging a firearm in poorly ventilated areas, cleaning firearms, or handling ammunition and loading components may result in exposure to lead and other substances known to cause birth defects, reproductive harm, and other serious physical injuries. Review the warnings and labels for all ammunition, loading components, and cleaning products carefully. Wash hands thoroughly after exposure.


 **WARNING: NEVER ALLOW THIS FIREARM TO BE USED BY ANYONE WHO DOES NOT UNDERSTAND ITS SAFE OPERATION OR WHO HAS NOT READ THIS MANUAL IN ITS ENTIRETY.**


 **WARNING: NEVER DISASSEMBLE YOUR FIREARM** beyond the instructions outlined in this manual. Improper disassembly or re-assembly of your firearm may create a dangerous situation which can lead to serious injury or death to you or others or also the destruction of property.


 **WARNING: NEVER MANIPULATE, ADJUST, OR ALTER ANY OF THE INTERNAL COMPONENTS OF YOUR FIREARM.** Improper manipulation or alteration of any internal component may affect the safety and reliability of your firearm and create a situation where serious injury or death could occur. In addition, do not replace any of the parts in your rifle unless they are genuine Traditions® parts. The use of non-Traditions® parts will void all warranties. Any alteration or replacement of parts in your Traditions® firearm not performed by a qualified gunsmith using genuine Traditions® parts may cause death, personal injury, or property damage. NOTE: Altering the factory-standard mechanical function of your firearm will VOID your warranty and could lead to unsafe handling and function of the firearm.


 **WARNING: DO NOT DRILL HOLES IN THE BARREL AS THIS COULD WEAKEN THE BARREL STRUCTURE LEADING TO A RUPTURE. A RUPTURED BARREL CAN CAUSE SERIOUS INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY. DRILLING HOLES IN THE BARREL VOID ALL WARRANTIES.**


 **DANGER: SAFE FIREARMS HANDLING IS YOUR PERSONAL RESPONSIBILITY ALWAYS.** Firearms have the potential to be dangerous resulting in serious injury or death if they are misused or handled inappropriately. Safety must always be the primary concern of anyone who owns or handles firearms. Accidents are the result of violating the rules of safe firearm handling. Professional firearm safety training is available to supplement the safety instruction in this manual. Some examples of organizations to contact are your local firearms dealer, state conservation department, hunter safety department, law enforcement agency, local sportsman's club, the National Shooting Sports Foundation (NSSF), and the National Rifle Association (NRA) for availability of firearms training.


 **DANGER: ALWAYS TREAT EVERY FIREARM AS IF IT IS LOADED AND WILL FIRE.** Never assume or take anyone's word that the firearm is uncharged or unprimed. You must always physically check for yourself. Never pass a loaded firearm to another person. You must first open the action and then visually check that the firearm is uncharged before passing the firearm to another person. Keep your firearm uncharged and unprimed, bolt open, with no projectile in the barrel, and safely stored when not in use.


 **DANGER: NEVER PLACE YOUR FINGER INSIDE THE TRIGGER GUARD OR ON THE TRIGGER UNLESS YOU INTEND TO FIRE.** Always keep your finger off the trigger until your sights are on the target and you are prepared to fire. Also make sure that other objects do not touch the trigger at any time.


 **DANGER: ALWAYS KEEP YOUR FIREARM POINTED IN A SAFE DIRECTION.** Never point the muzzle of a firearm at anyone or anything you do not intend to shoot. Many incidents have occurred because people pointed what they thought was an unloaded firearm in an unsafe direction. This is especially important when loading, unloading, or field stripping the firearm. ALWAYS control the direction of the firearm.

 **DANGER: NEVER CROSS ANY OBSTACLES SUCH AS FENCES OR STREAMS WITH A FIRESTICK™ IN YOUR MUZZLELOADING FIREARM.** Always make sure your muzzleloading firearm is uncharged before crossing a fence, climbing a tree, jumping a ditch, or negotiating any other obstacles.


 **DANGER: ALWAYS REMOVE THE FIRESTICK™ FROM THE BREECH BEFORE YOU CLIMB TO OR DESCEND FROM A TREE STAND. NEVER RAISE OR LOWER A NITROBOLT® TO OR FROM A TREESTAND WITH A FIRESTICK™ IN THE BREECH.** Failure to follow this rule may cause serious injury and/or death to the shooter or bystanders and damage to property.


 **DANGER: NEVER LEAN FIRESTICK™ CHARGED NITROBOLT® AGAINST A TREE, A WALL, OR ANY SURFACE WHERE IT MAY FALL OVER.** Once a NitroBolt® has had a Firestick™ inserted it is your responsibility to protect against any situation that may result in an accidental discharge. Failure to follow this rule may cause serious injury and/or death to the shooter or bystanders and damage to property.

 **DANGER: NEVER UNDER ANY CIRCUMSTANCES USE ALCOHOL OR DRUGS BEFORE OR WHILE SHOOTING.** In addition, do not use your firearm if you are on any medication which impairs, even slightly, your mental or physical abilities. You should also not use your firearm if you are excessively tired, distracted, or impaired in any way. You need to be alert and have your full attention devoted to the safe use of the firearm.


 **DANGER: ALWAYS USE THE CORRECT FIRESTICK™ AND APPROVED PROJECTILES FOR YOUR NITROBOLT® AS DETAILED IN THIS MANUAL.**

 **DANGER: NEVER ATTEMPT TO DISCHARGE A NITROBOLT® WITH ANY CARTRIDGE OR RELOADED FIRESTICK™.**

 **DANGER: MAKE CERTAIN THE BARREL IS CLEAR OF ANY OBSTRUCTIONS BEFORE SHOOTING.** Dirt, water, snow and other objects may inadvertently become lodged in the bore of the barrel. A small obstruction can cause a dangerous increase in pressure and may damage your firearm and cause injury or death to you or bystanders. Refer to the cleaning section of this manual for instructions on how to remove any obstructions in the barrel.

 **CAUTION: BEFORE HANDLING ANY FIREARM, UNDERSTAND ITS OPERATION.** Not all firearms are the same and some have features and mechanical operation unique to that specific firearm. Before using a firearm you should learn the mechanical features of that specific firearm you intend to use. If you feel unsure about any operational aspects of this firearm, please contact Traditions® before proceeding with its operation.

APPROPRIATE USE FOR YOUR FIREARM MEANS USING YOUR FIREARM FOR LEGAL PURPOSES. It is your responsibility to ensure that you are in compliance with all applicable Federal, State, and Local laws and ordinances regarding the use of your firearm.

 **WARNING:** This product can expose you to chemicals including lead, which is 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.

MAKE SURE THAT SLINGS, SCOPES, AND ANY OTHER ACCESSORIES ARE COMPATIBLE with the firearm and that they do not interfere with the safe operation of the firearm. It is your responsibility to understand and follow all instructions in this manual, as well as those which may be supplied with your ammunition and loading components and any accessory and how they all relate to each other.



DANGER: BEFORE YOU ACCEPT A FIREARM FROM SOMEONE, CONFIRM FOR YOURSELF THAT IT IS UNLOADED.

Treat all firearms as if they are loaded and will fire.



DANGER: NEVER LEAVE A LOADED FIREARM UNATTENDED.



WARNING: DO NOT ATTEMPT TO SHOOT OR LOAD YOUR FIREARM UNTIL YOU HAVE READ THIS MANUAL COMPLETELY AND FULLY UNDERSTAND IT. FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY. IF YOU ARE UNABLE TO UNDERSTAND ANY OR ALL OF THIS MANUAL, CALL THE CUSTOMER SERVICE DEPARTMENT AT TRADITIONS®.

USE TRADITIONS® SCOPE MOUNTS ONLY. Traditions® offers a wide variety of scopes, scope mounts, and rings in varying sizes and finishes to suit your needs. When mounting a scope use only Traditions® mounts to ensure proper fit and function. Traditions® mounts are specifically made to fit existing holes in your firearm.

2. SAFE STORAGE & TRANSPORTATION



WARNING: FIREARM SECURITY IS YOUR PERSONAL RESPONSIBILITY. ALWAYS SAFELY STORE AND SECURE YOUR FIREARM. You must ensure that your firearms are securely and safely stored so that children and/or unauthorized users may not obtain them. Your firearms should always be kept unloaded and locked when not in use or in your immediate control. Never assume that the use of a lock alone is sufficient to safely secure your firearm. You must continually evaluate your personal situation and employ security systems that prevent children and unauthorized users from gaining access to your firearm. It is recommended that you secure bullets, loading components, and primers in a locked container separate from your firearms.



WARNING: DO NOT LOAD UNTIL READY TO DISCHARGE YOUR RIFLE.



WARNING: FIREARMS ARE DANGEROUS IF THEY ARE USED AND/OR STORED IMPROPERLY. THEY POSE A RISK OF SERIOUS OR FATAL INJURIES. FIREARMS CAN BE ESPECIALLY DANGEROUS TO CHILDREN WHEN THEY ARE STORED IN AN IRRESPONSIBLE AND UNSAFE MANNER. FOR YOUR SAFETY AND THE SAFETY OF OTHERS, IT IS IMPERATIVE THAT YOU KEEP YOUR FIREARM LOCKED AND UNLOADED IN A SECURE PLACE. THE AMMUNITION AND LOADING COMPONENTS SHOULD BE STORED IN A SEPARATE, LOCKED, SECURE LOCATION WHEN NOT IN USE. SAFE AND SECURE STORAGE OF YOUR FIREARM IS ONE OF THE MOST IMPORTANT RULES OF FIREARM SAFETY. YOUR FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS INJURY OR DEATH TO YOU OR OTHERS.





WARNING: ALWAYS SECURE YOUR FIREARM IN A MANNER THAT WILL PREVENT UNAUTHORIZED ACCESS.


Whenever you are not using your firearm it should be kept unloaded and locked. Your own safety and the safety of others demands that you always secure and store your firearm in a way that will prevent unauthorized access. Never leave a firearm unattended unless it is unloaded, locked, and secured.





WARNING: MAKE SURE TO CHECK TWICE THAT YOUR FIREARM IS UNLOADED BEFORE TRYING TO INSTALL ANY LOCKING DEVICE.


 **WARNING: NEVER TRANSPORT A NITROBOLT® WITH A FIRESTICK™ INSTALLED.** When transporting your firearm it must not have a projectile or Firestick™ installed and be securely locked. Safe and secure transportation of your firearm is another important aspect of your responsibility as a firearm owner.

 **DANGER: NEVER STORE A NITROBOLT® WITH A PROJECTILE OR FIRESTICK™ INSTALLED.** When storing your firearm it must be empty and securely locked. If you fail to follow this instruction, you may experience a double load or fire the muzzleloader thinking it is unloaded.

 **WARNING: IF A PRIMER IS DROPPED IT MAY EXPLODE AND CAUSE INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY.**


 **CAUTION: ALWAYS STORE YOUR FIREARM AND AMMUNITION AND LOADING COMPONENTS SEPARATELY** so that they are not accessible to children or other unauthorized persons. Safe and secure storage of your firearm, ammunition, and loading components is your responsibility.

 **CAUTION: NEVER ASSUME THAT A "SECRET LOCATION" OR "HIDING PLACE" IS A SECURE STORAGE METHOD.** Without your knowledge others, such as children, may be aware of your storage location or they may find it by accident. It is your responsibility to properly store your firearms, ammunition, and loading components and to always make sure they are not accessible to children or unauthorized persons.

 **CAUTION: ALWAYS FOLLOW THE LAW!** In many states and local municipalities there are laws and regulations that make it a crime to keep a firearm unlocked in an area that is accessible to children or others. Keeping a firearm locked and unloaded when not in use is not only a common sense safety practice... IT IS THE LAW. You must be familiar with all local, state, and federal laws regarding the safe storage and transportation of your firearm. Failure to know and follow the law may result in unauthorized access or use of your firearm by another for which you may be held accountable. Obey all laws relating to the storage and transportation of firearms. Your local police department or gun shop can provide you with the pertinent information for where you live on storing and/or transporting a firearm safely and legally.

3. SAFETY RULES FOR YOUR TRADITIONS® NITROBOLT®


In addition to the general Firearm Safety Responsibilities covered so far in this manual, there are additional guidelines specific to the NitroBolt® that must be adhered to at all times to ensure the safety of the shooter and others.


 **WARNING: UNDERSTAND THE TERMINOLOGY REGARDING LOADING.** When speaking of a NitroBolt® bolt action muzzleloading firearm, “Charge” or “Charged” refers to the presence of a projectile in the barrel and Firestick™ in the chamber.

“Uncharge” or “Uncharged” indicates that the Firestick™ and projectile have been either fired or removed and that the barrel and chamber are completely clear.


“Prime” or “Primed” applies to the act of placing a 209 primer in the Firestick™ in a NitroBolt®.


“Unprime” or “Unprimed” indicates that the 209 primer has been removed from the Firestick™ or is not in place.


 **DANGER: USE ONLY FACTORY NEW FIRESTICKS IN YOUR TRADITIONS® NITROBOLT®.** Never load any powder between the projectile and Firestick™. The use of any other propellant between the projectile and Firestick™ will cause injury and/or death to the shooter or bystanders and damage to property.


 **DANGER: WHEN SHOOTING THE NITROBOLT® WITH A MUZZLE BRAKE INSTALLED, IT IS RECOMMENDED THAT YOU DO NOT USE A SABOTED PROJECTILE. YOU SHOULD USE A FULL BORE OR SKIRTED PROJECTILE AS RECOMMENDED IN THE MANUAL AND AT WWW.TRADITIONSFIREARMS.COM.**


 **DANGER: NEVER ATTEMPT TO DISCHARGE A NITROBOLT® WITH ANY CARTRIDGE OR RELOADED FIRESTICK™.**


 **DANGER: NEVER SMOKE OR ALLOW BYSTANDERS TO SMOKE WHILE USING YOUR NITROBOLT®.** The spark can ignite a Firestick™ or Primer. Smoking around a charged and/or primed muzzleloader, Firestick™ or primers may cause premature firing of the firearm or an explosion causing serious injury and/or death to the shooter or bystanders and damage to property.


 **DANGER: DO NOT LOAD A NITROBOLT® WHICH IS HOT FROM PREVIOUS FIRING.** Always allow the barrel to cool before you begin reloading your muzzleloading firearm.

 **DANGER: NEVER EXCEED THE RECOMMENDED BULLET WEIGHT LISTED ON WWW.TRADITIONSFIREARMS.COM.** If the recommended bullet weight is exceeded then injury and death to the shooter or bystanders and damage to property can occur.


 **DANGER: BEFORE YOU BEGIN LOADING, MAKE SURE YOUR NITROBOLT® DOES NOT HAVE A FIRESTICK™ IN THE CHAMBER OR A PROJECTILE IN THE BARREL.** To make sure the NitroBolt® is uncharged, keep the muzzle pointed in a safe direction and open the bolt. Inspect the chamber to confirm there is no Firestick™ or projectile. You can also run a ramrod down the barrel to check for a projectile.


 **DANGER: WHEN LOADING, MAKE SURE THAT THE PROJECTILE IS FIRMLY SEATED AGAINST THE PROJECTILE SHELF.** Serious personal injury or death can result if the projectile is not seated properly against the shelf. A simple way to check this when loading is after you have fully seated a projectile against the shelf mark the ramrod as a point of reference for a properly seated projectile.

 **DANGER: NEVER INSERT A FIRESTICK™ OR PRIME YOUR NITROBOLT® UNTIL YOU ARE READY TO FIRE.** After you've primed the Firestick™, your full attention should be on the target and firing the firearm.

 **DANGER: NEVER PASS A CHARGED MUZZLELOADING FIREARM TO ANOTHER PERSON.** Once charged, a muzzleloading firearm requires your complete attention. Never charge the firearm and then hand it to another shooter. You should also never shoot a muzzleloading firearm that was charged by someone else. Only the person who actually performed the loading knows whether the firearm has been charged properly and should fire it.

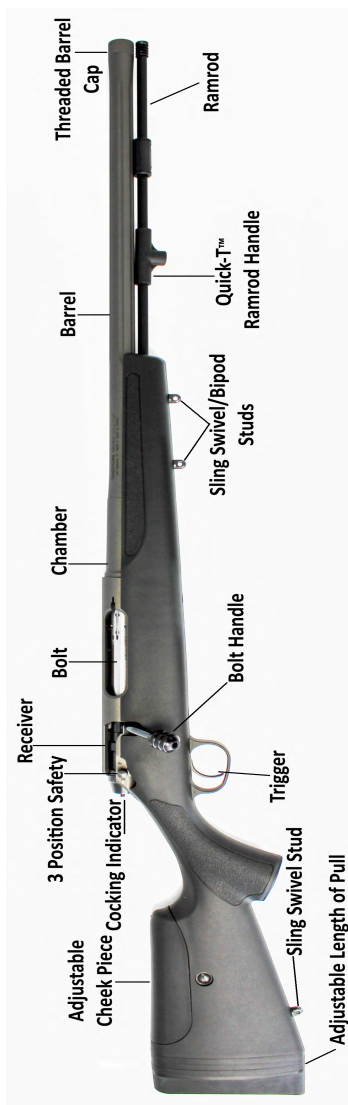
 **DANGER: BEFORE YOU ACCEPT A MUZZLELOADING FIREARM FROM SOMEONE, CONFIRM FOR YOURSELF THAT IT IS UNCHARGED, AND CONTAINS NO PROJECTILE.** Treat all firearms as if they are loaded and will fire.

 **DANGER: WHILE SHOOTING ALWAYS KEEP SUPPLY OF FIRESTICKS AND PRIMERS WELL AWAY FROM YOUR FIRING POSITION OR SHOOTING BENCH.** A Firestick™ or quantity of primers can ignite with deadly force if exposed to sparks or intense heat. Follow the manufacturer's instructions for safe handling and storage of Firesticks and primers. Keep unused Firesticks and primers well away from firearms that are being discharged. Sparks from the discharge of a muzzleloading firearm may cause the unused supply of Firesticks and primers to ignite causing serious injury and/or death to the shooter or bystanders and damage to property.

 **CAUTION: ALL PROPELLANTS INCLUDING FIRESTICKS MAY LEAVE RESIDUES IN THE BORE AND ON THE FIREARM THAT REQUIRE IMMEDIATE CLEANING.** A thorough in depth cleaning is required before storage for any amount of time to keep the firearm functioning properly and in a safe condition. Failure to properly clean the firearm may prevent the firearm from functioning safely and correctly and may result in injury or death to the shooter or bystanders and damage to property.

You must follow these procedures every time a firearm leaves your hand, is cleaned, handed to you or another person, transported or stored.

4. LEARNING THE BASICS OF THE NITROBOLT®



Please note your model may differ from the features you see here.

Model Designation On Receiver



Serial Number Marking On Receiver



Propellant Marking On Barrel



Caliber Designation On Barrel



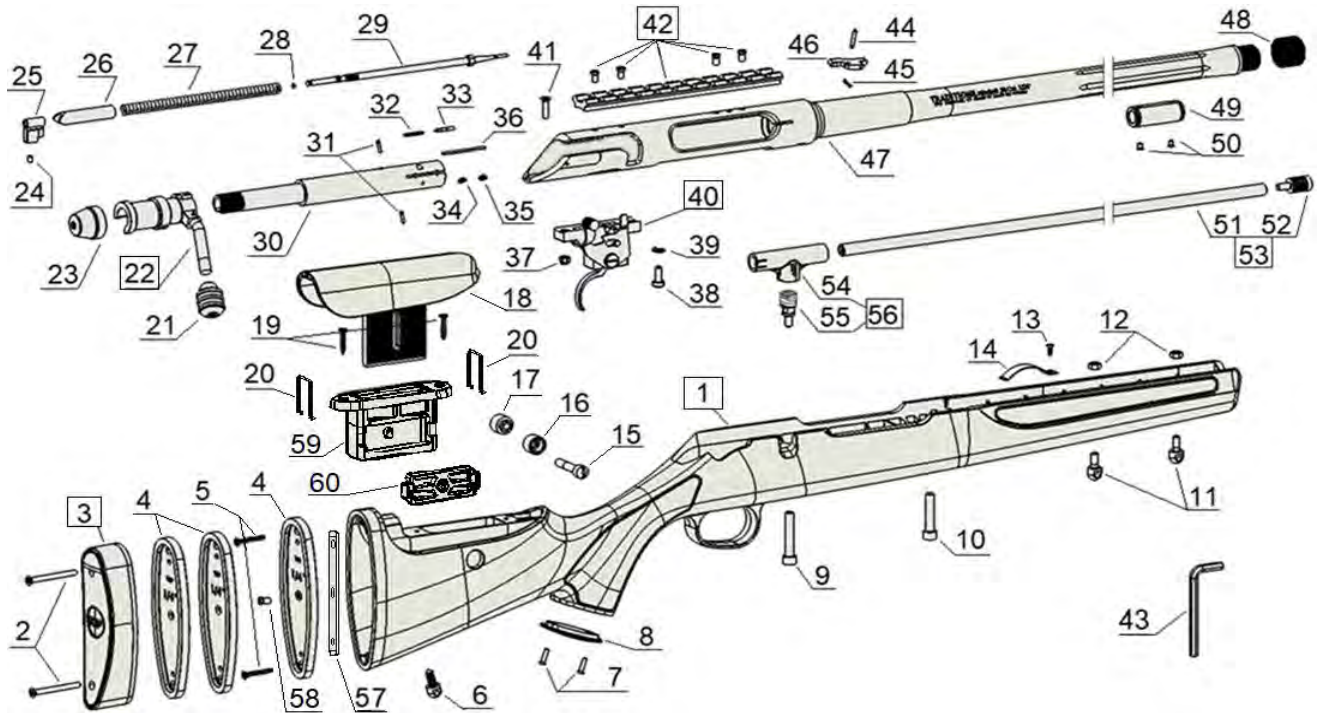
NITROBOLT® RIFLE

CR94660440

.50 Cal. Percussion / 24" Tungsten Cerakote Barrel 1:24" Twist / Black Synthetic Stock

Page 1 of 1

Rev. A (2025/05/30)



N.	DESCRIPTION	REF.
1	Black Synthetic Stock	94070
2	Buttpad Mounting Screw (x2)	94621
3	Buttpad	94126
4	Stock Extension (x4)	94125
5	Stock Extension Screw (x2)	94624
6	Sling Swivel Stud-Rear	37223
7	Pistol grip Cap Screw (x2)	40105
8	Pistol grip Cap	40104
9	Rear Stock Screw	M94039
10	Front Stock Screw	M94038
11	Sling Swivel Stud-Front (x2)	74122
12	Sling Swivel Stud Nut (x2)	60122
13	Ramrod Retaining Spring Screw	21817
14	Ramrod Retaining Spring	400030
15	Screw For Cheek Piece	94001
16	Support Screw For Cheek Piece	94002
17	Cap Screw For Cheek Piece	94003
18	Cheek Piece	94094
19	Cheek Piece Support Screw (x2)	94623
20	Cheek Piece Support Spring (x2)	M94097
21	Handle Ball	94014
22	Handle Ass.	94012
23	Bolt Cap	94009
24	Nut Screw	M94010
25	Firing Pin Head	M94096
26	Bolt Bushing	94058
27	Firingpin Spring	M94189
28	Rubber Washer	66039
29	Firingpin	94059
30	Bolt	94004

N.	DESCRIPTION	REF.
31	Extractor Pin (x2)	94040
32	Ejector Spring	M94041
33	Ejector	94042
34	Rear Spring Extractor	M94043
35	Front Spring Extractor	M94044
36	Extractor	94045
37	Safety Nut	M94021
38	Trigger Ass. Screw Front	M94022
39	Trigger Ass. Screw Washer	M94020
40	Trigger Ass.	940022-S
41	Trigger Ass. Screw Rear	M94023
42	Rail Ass.	1782
43	Allen Wrench	M94622
44	Stop Bolt Pin	94018
45	Stop Bolt Spring	M94017
46	Bolt Release	M94019
47	Barrel Ass.	ND
48	Threaded Barrel Cap	940036
49	Ramrod Thimble	400032
50	Ramrod Thimble Screw (x2)	400031
51	Ramrod (Aluminum)	940030
52	Ramrod Tip .50 Cal. (Aluminum)	940028
53	Ramrod Assembly	940011
54	Handle	560014
55	Extension Handle Short	560028
56	Handle Assembly	1595
57	Buttpad Insert	9406
58	Buttpad Insert Screw	M36029
59	Cheek Piece Support	94095
60	Cheek Piece Fixation	94096

5. SAFETIES INCLUDED ON **TRADITIONS® NITROBOLT®**

Your Traditions® NitroBolt® comes equipped with a 3 position safety.

Position 1 - Bolt is locked into place and firearm is in a safe position

When the safety is in the most rearward position the bolt cannot be opened and the firearm is in a safe position. This position is marked with an 'S' and a white dot. The safety should be in position 1 unless you are loading/unloading or ready to fire. It should also be utilized for storage.



Position 2 - Allows for the bolt to be operated when the firearm is on safe for loading and unloading

In this middle position the bolt can be opened or closed for loading or unloading. The safety remains on.



Position 3 - The safety is off and the firearm is now in the ready-to-fire position.

In the fire position the safety is off and this is the "ready to fire" position. This position is marked with an 'F' for Fire and a red dot which indicates this is the fire position. This position should only be used when you are ready to fire.



6. CHECKING THAT THE NITROBOLT® IS NOT CHARGED

Knowing how to check whether your NitroBolt® is uncharged is an important safety step. It is important that you understand how to verify if a Firestick™ is present in the chamber and if a projectile is present in the barrel.

 **DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION.**

To Check For A Firestick™ In The Chamber:

1. Place the safety in the second or middle position.
2. Rotate the bolt up and pull it rearward to open the bolt.



3. Visually inspect to make sure there is no Firestick™ in the chamber.


To Check For A Projectile or Obstruction In The Barrel:

1. Place the safety in the second or middle position.
2. If the bolt is closed, open the bolt.
3. Depress the bolt release and hold while pulling the bolt rearward out of the receiver.



4. With the bolt removed, look through the receiver and down the barrel. If you cannot see through, there is likely a projectile or obstruction present. If you can see through, then the barrel is clear.

7. INITIAL CLEANING OF THE NITROBOLT®


 **WARNING:** Confirm that the firearm is unloaded before any cleaning and that the safety is in the second or 'middle' position.

CAUTION: When performing the initial cleaning be mindful to always point the barrel in a safe direction and not towards any hard surface. Treat every firearm as if it were loaded and can fire at any time.

NOTE: BEFORE YOUR INITIAL USE CLEAN AND LUBRICATE YOUR NITROBOLT®!

Before using the NitroBolt® for the first time, you should perform a detailed cleaning. Follow the detailed cleaning procedures in Section 17.

8. BASIC EQUIPMENT FOR SHOOTING THE NITROBOLT®

 **CAUTION: DO NOT ATTEMPT TO FIRE OR LOAD YOUR NITROBOLT® UNTIL YOU HAVE READ THIS MANUAL COMPLETELY AND FULLY UNDERSTAND IT. FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY. IF YOU ARE UNABLE TO UNDERSTAND ANY OR ALL OF THIS MANUAL, CALL THE CUSTOMER SERVICE DEPARTMENT AT TRADITIONS®.**

In order to fire your Traditions® NitroBolt® you will need the accessories or equipment listed below:

1. Proper eye protection specified for use with firearms.
2. Proper ear protection specified for use with firearms.
3. Firestick™ encapsulated powder charge in the recommended grain weight. **Note: Only use factory new Firesticks.**
4. 209 Primers (We recommend Federal 209 Muzzleloading Primers)
5. Projectiles appropriate for your NitroBolt® such as Traditions® Smackdown® bullets. **(Do not use projectiles not recommended by Traditions)**
6. .50 Caliber dry cleaning patches for bore
7. 2.5" cleaning patches for chamber
8. Caliber-specific cleaning jag
9. An appropriate barrel cleaner for muzzleloaders such as Firestick™ Cleaning Solvent or Firestick™ Pre-Saturated Cleaning Patches
10. NitroBolt® Unloading Jag
11. NitroFire® Nylon Cleaning Brush
12. NitroFire® Bronze Cleaning Brush
13. NitroBolt® Receiver Cleaning Brush
14. While not required, Traditions® highly recommends a loading/cleaning rod such as Traditions® Ultimate Loading/Cleaning Rod which will make loading and cleaning easier.

Note: Some NitroFire® accessories also work with the NitroBolt® as recommended here.

9. ADJUSTABLE CHEEK PIECE, LENGTH OF PULL & THREADED BARREL

⚠ WARNING: YOU MUST READ THESE INSTRUCTIONS AND WARNINGS CAREFULLY. FAILURE TO READ THESE INSTRUCTIONS AND FOLLOW THESE WARNINGS MAY RESULT IN SERIOUS INJURY OR DEATH TO YOU AND OTHERS AND DAMAGE TO PROPERTY.

⚠ WARNING: CONFIRM THAT THE FIREARM IS UNLOADED, THAT THE SAFETY IS ON, AND THAT THE FIREARM IS ALWAYS POINTED IN A SAFE DIRECTION.

Adjustable Cheek Piece

The Pro Series features an adjustable cheek piece which can be raised or lowered by simply turning the screw on the side of the stock. This can be done with a correctly-sized screw driver or even a coin to adjust the height. This feature allows the height of the comb to be adjusted for each individual shooter.

The screw is ambidextrous and can be moved to the left side of the stock.

How To Use

1. Make sure the firearm is unloaded and pointed in a safe direction.
2. Using a screw driver or coin, turn the screw counterclockwise to loosen.
3. Adjust the cheek piece to the desired placement. As you raise the cheek piece, each click is equal to 2mm (1/16" inch) in height. Be sure the cheek piece is engaged into one of the set click adjustments. You can visually inspect to confirm the cheek piece has not been raised too high.
4. Once desired height is reached, tighten the screw clockwise to lock the cheek piece into place.



NOTE: If you remove the cheek piece from the firearm for cleaning and you loosen the screw, the cup may fall out. If this occurs, re-install the cup into the inside recess. The cheek piece should also be installed in the proper orientation or it will not click.

⚠ WARNING: ALWAYS BE SURE THE CHEEKPIECE IS LOCKED INTO PLACE PRIOR TO SHOOTING THE FIREARM.

Adjustable Length of Pull

The adjustable length of pull allows you to add or remove spacers in the buttstock to customize the length of pull specific to the shooter. This flexibility allows for each individual to have a comfortable shooting experience. Each spacer is equal to a 1/4 inch. Max LOP is 14.5 inches.



How To Use

1. Make sure the firearm is unloaded and pointed in a safe direction.
2. Remove the Phillips head screw inside the butt pad.
3. Remove the buttpad from the firearm.
4. Add or remove spacers for desired length of pull. When adding, make sure the spacers align with the contour of the stock and fit into one another in the same direction. **DO NOT REMOVE THE BUTTSTOCK CAP DIRECTLY ATTACHED TO BUTTSTOCK.**
5. Re-install the buttpad on the firearm.
6. Re-install the screws securely into the buttpad and tighten into the stock. **DO NOT OVERTIGHTEN.**

 **WARNING: ALWAYS BE SURE THE SPACERS AND BUTTPAD ARE SECURE IN THE STOCK PRIOR TO SHOOTING THE FIREARM.**

 **WARNING: NEVER SHOOT THE FIREARM WITHOUT THE BUTTPAD ATTACHED.**

Threaded Barrel

A threaded barrel comes standard on NitroBolt® models. This allows for a muzzle brake to be added for reduced recoil. A muzzle brake can be purchased separately and installed by removing the cap and following the directions on the package.

 **WARNING: ONLY USE TRADITIONS® BRAND MUZZLE BRAKES WITH YOUR NITROBOLT®.**

Pro Series Muzzle Brake For Pro Series Muzzleloaders

An essential accessory for your Pro Series muzzleloader! Sold separately, simply remove the threaded cap from your Pro Series muzzleloader and install the Muzzle Brake according to the directions on the package.


Traditions® Pro Series Muzzle Brake meets SAAMI thread specifications and is 3/4-24 on 50 caliber models. It is self timing so the user can time the muzzle brake so the gas ports direct to the sides. Traditions® Pro Series Muzzle Brake is designed to reduce recoil without affecting accuracy and with side ports that allow for rapid smoke diversion which helps the shooter to stay on target. A brass ramrod extension is included so you can easily load your firearm without removing the brake. Traditions® Pro Series Muzzle Brake helps to balance the rifle and the Nitride finish provides protection against corrosion.

 **WARNING: INSTALL THE MUZZLE BRAKE ACCORDING TO THE DIRECTIONS ON THE PACKAGE.**

 **WARNING: TRADITIONS MUZZLE BRAKE CAN ONLY BE USED ON TRADITIONS FIREARMS.**

10. CHARGING THE NITROBOLT®

 **DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND DO NOT HAVE ANY PART OF YOUR BODY OVER THE MUZZLE WHEN LOADING.**


 **DANGER: BEFORE YOU BEGIN LOADING, MAKE SURE YOUR NITROBOLT® DOES NOT HAVE A FIRESTICK™ IN THE CHAMBER OR A BULLET IN THE BARREL.**

PREPARING TO LOAD THE BULLET

 **WARNING: WEAR PROPER EYE PROTECTION FOR THE ENTIRE LOADING PROCESS.**


1. Place the safety in the second or middle position.
2. Remove the ramrod from the thimbles.
3. Confirm that the NitroBolt® is unloaded by following the procedures on page 18 to check if a Firestick is in the chamber and if a projectile is in the barrel by removing the bolt.

LOADING THE PROJECTILE:

 **WARNING: THE BULLET MUST ONLY BE LOADED INTO AN EMPTY BARREL FROM THE MUZZLE. CHECK THE CHAMBER AND BARREL TO BE SURE IT IS CLEAR OF ANY OBSTRUCTIONS. THERE MUST BE NO FIRESTICK™ INSTALLED OR INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY MAY OCCUR.**

 **WARNING: DO NOT LOAD OR FIRE ANY PROJECTILES THAT ARE NOT APPROVED BY TRADITIONS FIREARMS DUE TO EXCESSIVE PRESSURES. INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY MAY OCCUR. VISIT WWW.TRADITIONSFIREARMS.COM.**

 **WARNING: DO NOT USE PATCHED ROUND BALLS, CONICALS, OR MINIE BALLS.**

 **WARNING: BE SURE ONLY ONE PROJECTILE IS LOADED IN THE BARREL. DO NOT LOAD A PROJECTILE ON TOP OF ANOTHER. INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY MAY OCCUR.**

 **WARNING: NEVER LOAD A PROJECTILE IF THERE IS A FIRESTICK™ IN THE CHAMBER.**

⚠ WARNING: NEVER LOAD A BULLET FROM THE BREECH. INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY MAY OCCUR.

⚠ CAUTION: WHEN USING A MUZZLE BRAKE, FOR BEST ACCURACY TRADITIONS RECOMMENDS USING A SKIRTED BULLET. IT IS NOT RECOMMENDED TO USE A SABOTED PROJECTILE.

TRADITIONS® SMACKDOWN® SABOTED PROJECTILES:

When not using a muzzle brake, you can use sabot projectiles. The plastic material used in Traditions® sabots is self-lubricating. Therefore you do not need to pre-lube your bullets or sabots. NOTE: Always follow the bullet manufacturer's loading instructions.



TRADITIONS® SMACKDOWN® SKIRTED PROJECTILES:

When using a muzzle brake, you should use a skirted or full bore projectile. You do not need to pre-lube your projectile. NOTE: Always follow the bullet manufacturer's loading instructions.




1. Insert the base of the bullet into the sabot, making certain the bullet is firmly and fully seated against the bottom of the sabot. **(This step is only necessary if using sabot projectiles).**



2. Place the assembled projectile into the muzzle.
3. Start the projectile with your thumb.
4. Using a ball starter, place the shaft on top of the bullet and push it downward until the starter hits the top of the muzzle.

5. With the concave end of the loading jag on your ramrod, position the ramrod on top of the bullet inside the bore. Holding the ramrod no further than 6" over the bore, apply firm pressure downward until the bullet is seated against the shelf. (Holding the ramrod higher will increase your chances of breaking your ramrod.)



 **WARNING: WE RECOMMEND THAT ANY TIME YOU CHANGE TO A DIFFERENT PROJECTILE IN THE NITROBOLT® THAT YOU FOLLOW THIS PROCEDURE. WE RECOMMEND THE USE OF A NEW RAMROD WITH A MARK SOLELY FOR THAT SPECIFIC BULLET.**



6. To avoid the dangers of loading more than one bullet, the first time you load your NitroBolt® you must insert the ramrod and mark the bullet seated location.
7. Make sure to remove the ramrod from the barrel before firing the NitroBolt®.

IMPORTANT: ALWAYS SEAT THE BULLET FIRMLY ON TOP OF THE BARREL SHELF. FAILURE TO DO SO MAY RESULT IN INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY MAY OCCUR.

MARKING THE RAMROD TO SHOW WHEN THE NITROBOLT® HAS A PROPERLY SEATED BULLET WILL ALLOW THE USER TO KNOW IF THE NITROBOLT® HAS BEEN DOUBLE LOADED OR IF THE BULLET IS NOT SEATED ALL THE WAY AGAINST THE SHELF.

11. PRIMING & INSTALLING THE FIRESTICK™

⚠ DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND DO NOT HAVE ANY PART OF YOUR BODY OVER THE MUZZLE WHEN LOADING.

⚠ WARNING: THE NITROBOLT® IS ONLY COMPATIBLE WITH THE FEDERAL PREMIUM® FIRESTICK™. YOU CANNOT USE ANY OTHER TYPE OF BLACK POWDER OR BLACK POWDER SUBSTITUTE.

⚠ WARNING: FOLLOW MANUFACTURER'S WARNINGS & RECOMMENDATIONS WHEN INSTALLING THE FIRESTICK™ & PRIMER.

⚠ WARNING: DO NOT LOAD A FIRESTICK™ OR PRIME YOUR NITROBOLT® UNTIL IMMEDIATELY BEFORE YOU ARE PREPARED TO FIRE.

⚠ WARNING: WEAR PROPER EYE & EAR PROTECTION WHEN LOADING.

1. Point the NitroBolt® in a safe direction at all times.
2. Make sure the safety is in the second or middle position.

⚠ WARNING: BE SURE THE FIRESTICK™ IS CLEAN & UNFIRED BEFORE LOADING INTO THE BREECH.

⚠ WARNING: DO NOT LOAD OR USE ANY DEFORMED FIRESTICK™. DO NOT RELOAD A NEW OR USED FIRESTICK™.

3. Keeping the NitroBolt® pointed in a safe direction, open the bolt to expose the chamber. Install a new Firestick™ into the chamber area. Make sure it is fully seated within the chamber.



⚠ WARNING: DO NOT USE ANY PRIMER OTHER THAN THE RECOMMENDED FACTORY LOADED 209 MUZZLELOADING PRIMER.

4. Install a 209 primer into the primer pocket of the Firestick™.
5. Close the bolt by pushing it fully forward and rotate the handle down. Your NitroBolt® is now charged and primed.




⚠ WARNING: NEVER FORCE THE ACTION CLOSED. The action should close smoothly without resistance and should be fully closed before firing. If the action is not fully closed, the firearm will not function properly. Be sure the Firestick™ is fully seated in the chamber and the primer is fully seated into the primer pocket of the Firestick™. Check to be sure the chamber is clean without any obstructions. Never continue to use your firearm if it is not functioning properly. Stop immediately. If you are unable to recognize the problem, have the NitroBolt® examined by a qualified gunsmith.

12. FIRING YOUR NITROBOLT®

 **DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.**

 **WARNING: BE SURE TO WEAR PROPER EYE AND EAR PROTECTION ANY TIME YOU FIRE YOUR NITROBOLT®. MAKE SURE ALL BYSTANDERS IN THE AREA ARE ALSO WEARING PROPER EYE AND EAR PROTECTION AT ALL TIMES.**

 **WARNING: NEVER SOLELY RELY ON THE MECHANICAL SAFETY OF YOUR NITROBOLT®. IT SHOULD NOT REPLACE PROPER FIREARM HANDLING PROCEDURES DESCRIBED IN THIS MANUAL.** Mechanical features such as safeties can fail and should never be relied upon with disregard to proper safe firearms handling. You should always maintain proper safety practices as outlined in this manual.

 **WARNING: NEVER FIRE THE NITROBOLT® WITH ONLY A FIRESTICK™ AND NO PROJECTILE. THIS COULD RESULT IN PARTICLES EXITING THE BARREL.**

Following the previous loading instructions, your NitroBolt® is charged, primed, and ready to fire.

1. Grasp the NitroBolt® firmly with both hands with your finger off the trigger and out of the trigger guard. Make sure the safety is in the second or middle position. Raise the NitroBolt® up and firmly pull the stock into your shoulder.
2. Move the safety into the forward ready to fire position. The NitroBolt® is now cocked and ready to fire. **Never carry the NitroBolt® with the safety in the ready to fire position. If you decide not to fire, see page 30.**
3. Acquire your target and aim with your sights or scope. Remember to be sure of what is beyond your target.

 **WARNING: DO NOT MOVE THE SAFETY INTO THE READY TO FIRE POSITION UNTIL YOU ARE READY TO FIRE.**

4. Slowly squeeze the trigger until the NitroBolt® fires. Once the NitroBolt® fires place the safety back into the second or middle position.

13. REMOVING THE FIRESTICK™ AFTER FIRING

1. Confirm the safety is in the second or middle position for loading/unloading.
2. Pull the bolt up and rearward. With this action, the Firestick™ will automatically eject.
3. If the Firestick does not eject and stays within the chamber, remove the bolt. Using a wood or plastic object, enter the open slot in the receiver and pull the Firestick out through the chamber. Take caution to not impact a live primer.



14. MISFIRES, HANGFIRES & SQUIB LOADS

If, after following the previous instructions, the NitroBolt® did not fire then you have had a Misfire, Hangfire or Squib load. Anyone involved with firearms may experience a misfire, hangfire, or Squib load at one time or another. The following procedures will help you to effectively manage such occurrences.

⚠ WARNING: BE SURE TO KEEP THE NITROBOLT® POINTED IN A SAFE DIRECTION AS IT MAY FIRE AT ANY TIME. A MISFIRE, HANGFIRE, OR SQUIB LOAD IS A DANGEROUS SITUATION AND IT IS IMPERATIVE YOU PROCEED WITH EXTREME CAUTION.

A **MISFIRE** is a failure of the primer or Firestick™ to ignite. This could be a very hazardous situation.

⚠ WARNING: Extreme caution should be exercised when dealing with a misfire or hangfire.

Rarely is a misfire the fault of the firearm. Generally, it can be attributed to a problem with Firestick™ or primer. Should your NitroBolt® fail to fire for any reason, **keep the NitroBolt® pointed at your down-range target for at least one minute with the action closed. By doing so, you make sure you are prepared for the chance of a delayed ignition.**


If your primer fails to fire, discard this primer and try a new one. If your primer is dented but the Firestick™ did not ignite discard the Firestick™ and dented primer according to range or hunting regulations. Start fresh with a new Firestick™ and primer.

A **HANGFIRE** is a delayed ignition. The primer fires when the trigger is pulled and the main charge fires a brief moment later. There are many reasons that hangfires occur. If you are experiencing hangfires, there are possible causes that you need to evaluate. Verify the following:

1. Verify the primer is the correct size and properly fitted onto the Firestick™.
2. Check the condition on the primers and Firesticks. For hunting situations, it is a wise practice to use fresh primers and Firesticks. Use a fresh Firestick™ for each day's hunting.

A **SQUIB LOAD** is the result of a Firestick™ producing less than normal pressure or velocity after primer ignition. In some cases the bullet can become lodged in the bore, creating an obstruction. If you experience a reduction in noise, muzzle flash, or recoil STOP SHOOTING IMMEDIATELY. Keep the NitroBolt® pointed downrange and follow the unloading instructions to confirm there is no bullet or object in the barrel.

If you experience a **MISFIRE, HANGFIRE OR SQUIB LOAD** keep the NitroBolt® pointed down range for one minute. The NitroBolt® could fire so be prepared for this. If the firearm does not fire after one minute, keep the NitroBolt® pointed downrange and carefully unload your firearm, making sure not to expose yourself to the breech area. Dispose of defective primers and Firesticks in accordance with your local, state, and federal laws and regulations.

 **WARNING: BEFORE ATTEMPTING TO FIRE AFTER ANY OF THESE SITUATIONS, BE SURE TO VERIFY THAT THE BULLET IS SEATED ON THE SHELF BEFORE LOADING A NEW FIRESTICK AND PRIMER.**

15. IF YOU NO LONGER WANT TO FIRE THE NITROBOLT®


 **WARNING: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.**

NOTE: When the safety of the NitroBolt® is in the third or last position furthest from the shooter, this is the ready to fire position. The action is locked in battery and the bolt cannot be opened.

If your NitroBolt® is in the third or ready to fire position and you no longer want to fire, simply move the safety into the second or middle position. In this position you can now remove your Firestick™.

 **WARNING: NEVER DRY FIRE YOUR NITROBOLT®.**

16. UNLOADING THE NITROBOLT® IF YOU DON'T FIRE

 **DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND DO NOT HAVE ANY PART OF YOUR BODY OVER THE MUZZLE WHEN UNLOADING.**

NOTE: YOU MUST USE TRADITIONS® NITROBOLT® UNLOADING JAG TO UNLOAD YOUR PROJECTILE. THIS ACCESSORY IS SOLD SEPARATELY.

1. Make sure the muzzle of the barrel is pointed in a safe direction at all times.
2. The safety should be in the second or middle position.
3. Rotate the bolt handle upwards and pull rearward. The Firestick™ will eject.
4. Depress the bolt release and continue to pull the bolt rearward to remove the bolt.
5. Attach the NitroBolt® Unloading Jag to your ramrod.

6. Insert the jag end of the ramrod into the chamber, pushing the ramrod towards the muzzle. Make sure the end of the unloading jag is against the back of the bullet and not the shelf.



7. Continue to push through the barrel until the projectile exits through the muzzle.
8. Remove the ramrod from the firearm by pulling it back towards the bolt opening.

NOTE: Remove the unloading jag before putting the ramrod back into the thimbles.


CAUTION: DISCARD ANY BULLET REMOVED FROM THE BARREL. THE BULLET MAY HAVE BECOME DEFORMED OR COMPROMISED WHEN UNLOADING.

9. Clean and wipe all surfaces to remove any fouling or debris.

17. CLEANING & MAINTENANCE **OF THE NITROBOLT®**

 **WARNING: ALWAYS POINT THE NITROBOLT® IN A SAFE DIRECTION AND TREAT THE NITROBOLT® AS IF IT WAS LOADED AND CAN FIRE.**

 **WARNING: CONFIRM THE NITROBOLT® IS UNLOADED BEFORE CONDUCTING ANY OF THE METHODS IN THIS SECTION.**

 **WARNING: DO NOT DISASSEMBLE YOUR NITROBOLT® ANY FURTHER THAN WHAT IS DESCRIBED IN THIS MANUAL.** Disassembling your NitroBolt® further could cause the firearm to become unsafe. As a result, it could cause serious injury and/or death to the shooter or bystanders and could damage the NitroBolt®.

 **WARNING: CONFIRM NO FIRESTICKS, PRIMERS, OR PROJECTILES ARE PRESENT OR AVAILABLE DURING ANY DISASSEMBLY, REASSEMBLY, OR FUNCTION TEST PROCEDURES.**

 **WARNING: WEAR SAFETY GLASSES WHILE CLEANING TO PROTECT EYES FROM FLYING PARTS OR SOLVENTS.**

NOTE: Reference to the exploded view diagram in the manual will help identify part names and numbers.

RANGE/FIELD CLEANING AND ADVICE WHILE SHOOTING

A systematic routine of cleaning while shooting is strongly advised to aid in avoiding problems while loading and to optimize accuracy. There are two ways Traditions® suggests effectively cleaning your NitroBolt® while shooting at the range.

Method 1

Make sure the NitroBolt® is uncharged and unloaded. The safety should be in the second or middle position and the firearm should always be pointed in a safe direction. Take a Traditions® dry patch and saturate it in Firestick™ bore solvent (or you can use a pre-saturated cleaning patch.) Traditions® suggests using a Traditions® Range Rod but you can also use the ramrod that comes with the NitroBolt®. Place the patch over the end of your rod and insert it into the muzzle end of the NitroBolt®. Run the patch up and down to remove any fouling. You'll feel your ramrod stop at the shelf. **Do not push past the shelf.** Remove the saturated patch and discard. Place a dry patch over the end of the rod and run the dry patch from the muzzle to the shelf to remove any moisture. Do this until the patch is clean. Repeat this process as many times as necessary until your barrel is clean. Remove the bolt by rotating the bolt handle upward and pulling the bolt rearward while depressing the bolt stop until the bolt is completely removed. Using the NitroBolt® Chamber brush, insert the brush into the chamber and pull it back and forth. You may feel resistance. Repeat as necessary to remove fouling. You must be sure both sides of the shelf area are thoroughly cleaned so the Firestick™ is always fully seated.

Method 2

Make sure the NitroBolt® is uncharged and unloaded. The safety should be in the second or middle position and the firearm should always be pointed in a safe direction. Using a Traditions® Range Rod (recommended) or the ramrod that came with the NitroBolt® with the jag removed, screw in a Bronze Bore Brush. Spray or saturate the bronze brush with bore solvent such as Traditions® Firestick™ Bore Solvent. Remove the bolt by pulling the bolt upward and rearward and depressing the bolt stop until the bolt is completely removed. Going from the chamber to the muzzle, run the bronze brush back and forth through the barrel. You will be able to go past the shelf with this process. The bronze brush will help break up fouling. Remove the bronze brush (and if using the ramrod that came with the NitroBolt® replace the jag so it is in the enlotted position) and place a dry patch over the end of the rod. Run the dry patch from the muzzle to the shelf to remove any moisture. Do this until the patch is clean. Repeat this process as many times as necessary until your barrel is clean. The same process should be repeated going from the breech. Do not push past the shelf. The chamber area may need additional cleaning. Using the NitroBolt® Chamber brush, insert the brush into the chamber and remove it. You may feel resistance. Repeat as necessary to remove fouling. You must be sure both sides of the shelf area are thoroughly cleaned so the Firestick™ is always fully seated.

ADDITIONAL RANGE CLEANING ADVICE

1. Do not use shooting patches when cleaning your NitroBolt®. They are too small. You should use Traditions® cleaning patches.
2. If a patch gets stuck, remove the patch by removing the bolt and pushing it out with your ramrod from the chamber through the bore until it is out of the barrel. Never load with a lost patch in the barrel.
3. If unusual resistance is felt while loading your projectile, perform Method 1 or Method 2 to remove as much of the fouling build up as possible.

NOTE: It should never be necessary to hammer or excessively force a projectile down the bore. Projectiles should load firmly with pressure from the ramrod down the barrel. If the projectile is the proper size, unusual resistance usually indicates a need to clean the bore. Use Method 1 or Method 2 to help remove fouling. If you are utilizing Method 1 with the saturated patch, it may be necessary to perform Method 2 with the bronze brush to remove excessive fouling.

4. When sighting in, it is important to develop a habit of consistently wiping the bore after each shot. This is beneficial when sighting in for hunting so that your accuracy will be based on a clean bore. Depending upon the specific load, temperature, and humidity, a short series of shots can be fired before it becomes necessary to clean the bore and breech area using Method 1 or Method 2.

NOTE: A fouled barrel will directly affect your ability to group shots. However, in a hunting situation, only a few shots will likely be taken. If the barrel is prepped and lubed at the onset, it is not necessary to clean and lube the interior of the barrel between shots when hunting.

18. DISASSEMBLY, DETAILED CLEANING & REASSEMBLY

⚠ WARNING: WEAR SAFETY GLASSES WHILE CLEANING TO PROTECT EYES FROM FLYING PARTS OR SOLVENTS.

⚠ WARNING: ALWAYS POINT THE NITROBOLT® IN A SAFE DIRECTION AND TREAT THE NITROBOLT® AS IF IT WAS LOADED AND CAN FIRE.

⚠ WARNING: CONFIRM THE NITROBOLT® IS UNLOADED BEFORE COMPLETING ADDITIONAL STEPS THIS SECTION.

⚠ WARNING: DO NOT DISASSEMBLE YOUR NITROBOLT® ANY FURTHER THAN WHAT IS DESCRIBED IN THIS MANUAL.

Disassembling your NitroBolt® further could cause the firearm to become unsafe. As a result, it could cause serious injury and/or death to the shooter or bystanders and could damage the NitroBolt®.

Required Tools & Supplies

- Dry Cotton Patches
- 5mm Allen Wrench
- Traditions® Range Rod or Ramrod
- Fire Channel Brush or Pipe Cleaners
- Safety Glasses
- Firestick™ Cleaning Solvent or Patches
- Cleaning Jag
- Double Ended Cleaning Brush
- Seasoning Patches
- Gun Oil
- Bronze Brush
- Nylon Brush

The disassembly procedure is most often used for general cleaning, lubrication, and inspection of your Traditions® NitroBolt®. Traditions® recommends this be completed before first use and after each shooting session. By following this procedure it will help keep your NitroBolt® shooting safely and reliably for years to come.

DISASSEMBLY

1. **Follow all safety rules listed previously in this manual. Be sure the safety is in the second or middle position.**
2. Open the bolt and inspect to make sure there is no Firestick™ in the chamber. Rotate the bolt hand up and pull rearward. Depress the bolt release and hold while pulling the bolt out of the receiver. Once you've determined the NitroBolt® is safe you can proceed with disassembly.
3. Remove the ramrod from the NitroBolt®.



BOLT DISASSEMBLY & CLEANING

⚠ WARNING: WEAR SAFETY GLASSES WHILE CLEANING TO PROTECT EYES FROM FLYING PARTS OR SOLVENTS.

1. Make sure the firearm is in a safe position. The safety should be in the 'middle' position.

G Move the safety into the second or 'middle' position.

H Be sure the adjustable cheek piece is in the lowest position.

I Place the firearm in a vise. This is recommended for this process.

5. Rotate the bolt handle upward and pull the bolt rearward. Depress the bolt release and hold while pulling the bolt out of the receiver.



6. You must decock the bolt before disassembly. Insert the bolt into the receiver backwards and align the firing pin head in the slotted groove of the receiver.



⚠ WARNING: NEVER FORCE THE BOLT ASSEMBLY INTO THE BOLT CHANNEL. THIS CAN BREAK THE BOLT AND/OR DAMAGE THE FIREARM.

7. Holding the end of the bolt for support, use your other hand to put downwards pressure on the bolt handle so the bolt handle ends up in a downward position. You will feel a click or a stop. Your bolt is now decocked. You can also verify this by checking the cocking indicator is inside the bolt.



8. Now that the spring tension has been released from the bolt, you can disassemble the bolt.



DECOCKED



COCKED

9. With a 5mm wrench, unscrew the bolt cap.



10. Remove the firing pin assembly, bolt body, bolt handle assembly. Your bolt should have 4 pieces for cleaning.

⚠ WARNING: DO NOT DISASSEMBLE THE FIRING PIN ASSEMBLY.



11. Starting with your bolt body, use hot, soapy water or spray oil-based cleaner (we recommend the Firestick™ Cleaning Solvent) on a nylon brush or into the bolt body. Using the nylon brush, clean the inside of the bolt body and bolt face.



⚠ WARNING: DO NOT DAMAGE THE EXTRACTOR.



12. Use a fire channel brush or a pipe cleaner to clean the firing pin hole on the bolt body.



13. To clean the outside of the bolt body, simply wipe it down with a dry cotton patch that has solvent on it or a pre-saturated cleaning patch. Dry the outside with a dry cotton cleaning patch.

14. For the firing pin assembly, spray either a double ended cleaning brush or the firing pin assembly with the cleaning solvent. Using the brush, brush the spring back and forth in a downwards motion while rotating the firing pin assembly. Then brush straight down from top to bottom to help remove anything additional.



15. Grease the outside of the firing pin assembly. We recommend using a standard gun oil.

16. To clean the bolt handle assembly spray the nylon brush with cleaning solvent or spray cleaning solvent inside the bolt handle assembly. Use the nylon brush to clean inside the bolt handle assembly



17. Add a small amount of grease inside the bolt cap.

BOLT REASSEMBLY

1. Slide the bolt handle assembly over the bolt body until it stops. Line the opening of the bolt handle assembly up with the opening of the bolt body.



2. Insert the firing pin assembly into the bolt body with the firing pin end down. The end with the cocking indicator should be facing outwards.



3. The lug on the firing pin assembly should go down into the slot of the bolt handle assembly into the lowest position of the groove. If it is not down into the lowest part of the groove, the bolt cap cannot be screwed on.



CORRECT POSITION



INCORRECT POSITION

4. Screw the bolt cap on until it is tight against the bolt handle assembly. You can use the 5mm wrench to help tighten the bolt cap.
5. Your bolt should now be reassembled.

DETAILED BARREL CLEANING

⚠ WARNING: WEAR SAFETY GLASSES WHILE CLEANING TO PROTECT EYES FROM FLYING SPRINGS OR SOLVENTS.

Detailed cleaning, lubrication, and inspection of the entire NitroBolt® system should be performed after you are done shooting for the day and before storing for an extended period of time. Performing this detailed cleaning will help keep your NitroBolt® in its best operating condition.

With the bolt removed, you can proceed with cleaning the barrel and chamber.

1. **Follow all safety rules listed previously in this manual. Be sure the safety is engaged so it is in the "safe" position and the red ring is not visible.**

2. Using Traditions® Range Rod or your ramrod, attach the Bronze Bore Brush to your ramrod.

Note: You can use either the Nylon Brush or the Bronze Brush. We recommend the Bronze Brush because it is excellent at hard scrubbing and removing fouling.

3. Spray a bore solvent, such as Traditions® Firestick™ Bore solvent, on your bore brush. Note: Traditions® Foaming Bore Solvent can also be used instead of spraying the bore solvent on the bronze brush. Allow solvent to sit for 15 minutes inside the barrel. This will allow time for the solvent to engage and penetrate the fouling. Do not let it dry.

4. To clean your barrel, insert your bronze brush into the chamber area. Push the ramrod from the open bolt area to the muzzle until the brush exits the muzzle. Pull the ramrod back through the barrel towards the bolt area. The technique allows you to go past the shelf in the barrel and helps to break up fouling.



5. Remove the bronze brush from the ramrod and attach the cleaning jag.

6. Place a dry cotton patch over the jag and insert it into the muzzle. Run the ramrod with the patch from the muzzle to the shelf in the barrel to help remove fouling. Pull the ramrod back through to the muzzle. Repeat until patch comes out clean.



WARNING: Do not push past the barrel shelf.

7. Remove the muzzle cap (if attached) and clean the threads of the cap, the interior of the cap, and the threads of the muzzle. If you have a muzzle brake installed, be sure to follow all cleaning protocol for your muzzle brake.

8. To clean the bolt area, spray the NitroBolt® Chamber Brush with the bore solvent and insert it into the chamber up to the back of the shelf. Pull the brush back out of the chamber. You may feel some resistance. Repeat this process until the chamber area and back of the shelf is clean.



9. Place a dry cotton patch over the end of your NitroBolt® Chamber Brush and insert it into the action and chamber area. Run the brush with the patch back and forth to help remove any additional fouling or cleaning solvent.
10. Using a Traditions® Cleaning & Seasoning Patch or some gun lube on a dry patch, place the patch over the brush and insert into the muzzle. Push the patch from the muzzle to the barrel shelf. This will help protect against rust and allow for easier loading.



WARNING: Do not push past the barrel shelf.

11. Place a Traditions® Cleaning & Seasoning Patch or some gun lube on a dry patch over the end of your NitroBolt® Chamber Brush and insert it into the action and chamber area. Run the brush with the patch back and forth as this will help protect against rust and allow for easier loading.
12. Apply a light coating of gun oil to the outside of the barrel and all metal surfaces including the extractor. Tip: Push the extractor towards the muzzle. Apply oil into the space and release the extractor. This will allow oil to run down through the area.

You have completed the detailed cleaning of your NitroBolt®. You can now reassemble your NitroBolt®.

REASSEMBLY

Reinstalling the Bolt & Ramrod

1. Your bolt needs to be cocked before being reinstalled. Insert the bolt backwards into the receiver and align the firing pin head in the slotted groove of the receiver.



⚠ WARNING: NEVER FORCE THE BOLT ASSEMBLY INTO THE BOLT CHANNEL. THIS CAN BREAK THE BOLT AND/OR DAMAGE THE FIREARM.

2. Holding the end of the bolt for support, use your other hand to put upwards pressure on the bolt handle to cock the bolt. You will feel it lock into this position. Your bolt is now cocked.



3. Remove the bolt from the receiver. You can verify it is cocked by checking the cocking indicator which should be red.



4. Insert the bolt into the receiver so that the firing pin head lines up with the groove in the receiver. The bolt should be able to slide back and forth and function properly.


5. Reinstall the ramrod into the thimbles.

⚠ WARNING: DO NOT FIRE YOUR NITROBOLT® WITH EXCESS GREASE, OIL, OR OTHER MATERIAL IN THE BORE. These lubricants or solvents can partially or fully obstruct the bore which could result in damage to the firearm or injury to the shooter and/or bystanders.

NOTE: Store your NitroBolt® uncharged in a cool, dry, secured area. Storage in a gun case should be avoided as it may hasten condensation and corrosion. During long periods of storage, periodically check for signs of pitting or rusting on the surface and in the barrel.

19. SCOPE MOUNTING & SIGHTING IN

The Traditions® NitroBolt® comes drilled and tapped for easy installation of mounts and a scope and may come with a scope already mounted depending on the model.

 **WARNING: DO NOT DRILL EXTRA HOLES IN YOUR BARREL. This can cause weakening of the barrel and the possibility of the barrel rupturing and/or bursting, resulting in injury or death to you or others.**

Traditions® recommends using Traditions® scope bases and rings for mounting your scope as they are designed for your firearm. If you need to purchase new mounts and rings you can do so at your local dealer or on www.traditionsfirearms.com. Please contact Traditions® Customer Service Department with any questions about proper mounts and rings for your firearm.


Securing Scope Bases to Your Barrel

Use the Allen wrench provided with your NitroBolt® to secure scope bases to your firearm. You should also use the Allen wrench for tightening the screws on the scope rings which should be finger-tight. Overtightening the screws can cause stripped threads and/or bent and distorted mounts. Using Loctite® and other threading compounds is encouraged but not a requirement.

Mounting Your Scope

Traditions® offers a wide variety of scopes and mounting options to suit many needs. Visit www.traditionsfirearms.com to see our full line of optics and mounts or a dealer near you.

When mounting your scope, take precaution in ensuring that your front objective lens bell is not touching the firearm and that your eyepiece has clearance from your bolt handle.

 **WARNING: MAKE SURE THAT YOUR EYE RELIEF IS SUCH THAT YOU HAVE A COMFORTABLE AIMING POSITION BUT THAT YOU HAVE AN APPROPRIATE DISTANCE FROM YOUR EYE SO THAT YOU ARE NOT STRUCK BY THE SCOPE UNDER RECOIL WHILE SHOOTING.**

 **WARNING: AN IMPROPERLY INSTALLED OPTIC OR MOUNT CAN BECOME DETACHED ON FIRING AND CAUSE INJURY.**

Rifle Scope Adjustment

Rifle scopes have two turrets for adjusting the point-of-aim for the shooter. Adjustment for elevation is on the top of the scope and windage is typically found on the right-hand side of the scope when mounted on the NitroBolt®.

 **WARNING: ALWAYS FOLLOW SCOPE MANUFACTURER'S MOUNTING INFORMATION AND DIRECTIONS.**

Bore Sighting A Bolt Action Firearm

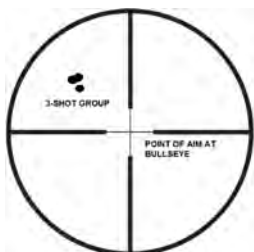
1. Check to ensure the barrel is unloaded and has no obstructions.
2. Carefully place the firearm with the mounted scope on a sandbag or shooting vise.
3. Looking down the bore from the breech side, move your barrel to where the center of your target is in the middle of the field of vision.

NOTE: You can use a bore sighter for this process as well.

Sighting-In Your Firearm

1. Once bore-sighted, place the firearm on your sandbag or shooting vise and fire a minimum of two shots at the bullseye.

2. Without moving the firearm, observe your shot group and its relation to the bullseye (or point of aim.)





3. Carefully adjust your scope's crosshairs with the turrets to the center of the shot group. Most hunting scopes adjust 1/4 inch per click at 100 yards. 50 yards is 1/8" and 200 yards is 1/2" per click.




4. Once your scope is adjusted to the point of impact, carefully move your firearm back to the bullseye as the point of aim.
5. Fire another shot group to determine if the point of impact is in alignment with your aim.
6. If you wish to zero at a greater distance, consult ballistic data for the load you are firing and repeat this process at that given distance.

20. SUGGESTED LOADS & INFORMATION ON PROJECTILES, FIRESTICKS & PRIMERS


 **WARNING: ALWAYS FOLLOW THE RECOMMENDED LOAD INFORMATION PROVIDED IN THIS BOOK OR BY THE FIRESTICK™ MANUFACTURER. FAILURE TO DO SO COULD CAUSE INJURY AND/OR DEATH TO THE SHOOTER AND BYSTANDERS AND DAMAGE TO PROPERTY.**

 **WARNING: NEVER FIRE THE NITROBOLT WITH A RAMROD IN THE BARREL. FIRING WITH A RAMROD LEFT IN THE BARREL CAN CAUSE INJURY AND OR DEATH TO THE SHOOTER OR BYSTANDERS AND DESTRUCTION OF THE FIREARM.**

PROJECTILES

 **WARNING: DO NOT LOAD OR FIRE ANY PROJECTILES THAT ARE NOT APPROVED BY TRADITIONS FIREARMS DUE TO EXCESSIVE PRESSURES. INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY MAY OCCUR. VISIT WWW.TRADITIONSFIREARMS.COM.**


 **WARNING: DO NOT USE PATCHED ROUND BALLS, CONICALS, OR MINIE BALLS.**

 **WARNING: BE SURE ONLY ONE PROJECTILE IS LOADED IN THE BARREL. DO NOT LOAD A PROJECTILE ON TOP OF ANOTHER. INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY MAY OCCUR.**

There are many projectiles in the marketplace which would be appropriate for use in the NitroBolt®. Be sure it is a bullet that is specific for muzzleloaders or has been rated for muzzleloader use. Bullets are ever changing and there may be new bullets on the market that are not on our suggested list. Please visit www.traditionsfirearms.com for full ballistic information or contact our customer service department with any questions regarding which projectiles are best used in your NitroBolt®. **For a full ballistics chart, visit www.traditionsfirearms.com.**


SUGGESTED LOADS FOR THE NITROBOLT®

Bullet	Bullet Weight	Caliber	Bullet Dia.	FireStick Charge	Velocity (Ft/Sec) Yards					
					Muzzle	50	100	150	200	250
Traditions® Smackdown® Carnivore™	250gr	.50 cal	.45	100gr Eq	1974	1814	1663	1524	1399	1288
Traditions® Smackdown® MZX™	290gr	.50 cal	.499	100gr Eq	1890	1642	1425	1248	1119	1031
Traditions® Smackdown® ELD-X® by Hornady®	340gr	.50 cal	.499	100gr Eq	1825	1718	1617	1521	1432	1350
Traditions® Smackdown® Magnum MZ by Barnes®	250gr	.50 cal	.45	100gr Eq	1996	1814	1645	1491	1355	1239
Traditions® Smackdown® MZX™	290gr	.50 cal	.499	120gr Eq	2042	1779	1544	1343	1186	1077
Traditions® Smackdown® ELD-X® by Hornady®	340gr	.50 cal	.499	120gr Eq	1932	1821	1714	1613	1517	1429

 **WARNING: TRADITIONS DOES NOT RECOMMEND USING ANY PROJECTILE ABOVE 340 GRAINS.**

FEDERAL PREMIUM® FIRESTICK™

 **WARNING: BE SURE TO READ AND FOLLOW ALL WARNINGS FROM THE FIRESTICK™ MANUFACTURER FOUND ON THEIR PACKAGING AND WEBSITE.**

 **WARNING: NEVER RELOAD ANY NEW OR FIRED FIRESTICKS. ONLY USE NEW, FACTORY-LOADED FIRESTICKS IN THE NITROBOLT®.**

 **WARNING: DO NOT LOAD OR USE ANY DEFORMED FIRESTICK™.**

 **WARNING: NEVER USE LOOSE OR PELLETIZED POWDER IN THE NITROBOLT®. YOU CAN ONLY USE THE FIRESTICK™.**

 **WARNING: DO NOT LOAD POWDER ON TOP OF THE FIRESTICK™.**

The Federal Premium® Firestick™ is an encapsulated powder charge. It is factory-loaded so it will have the same tight tolerances as factory-loaded ammunition. This provides the shooter increased consistency since they are using the exact same load each time. This system also provides increased accuracy due to the bullet being seated in the same spot each time and the Firestick™ providing the same charge each time.

The Firestick™ is single use and should never be reloaded. It is available in different grain weight options. Be sure to read all packaging provided by the manufacturer for warnings and information on the Firestick™.

PRIMERS

Traditions® recommends using the Federal® 209 muzzleloading primer with the NitroBolt® and Firestick™ system.

21. WARRANTY & SERVICE

LIMITED LIFETIME MECHANICAL WARRANTY

Traditions® will warrant this firearm to be free of mechanical defects in materials or craftsmanship for the life of the firearm while in the possession of the original owner except composite stocks, wood stocks, and finishes. Traditions® will repair or replace, at its own option, product or parts which are returned at owner's expense to the Traditions® Customer Service Department. Call 860-388-4656 to obtain a factory issued Return Merchandise Authorization number. A full explanation of the specific problem must be given to the customer service representative.

This warranty shall remain in force unless any of the following are determined by the Traditions® Customer Service Department:

1. Normal wear from regular and intended use.
2. Use of any propellant other than a new Federal Premium® Firestick™.
3. Use of any plastic patching material with round balls.
4. Modification of internal parts as they were shipped from the factory.
5. A lack of proper maintenance and thorough cleaning is evident such as rust.
6. Finishes after 1 year of purchase.
7. Failure to comply with the instructions listed here in the owner's manual.
8. Customer abuse.

Traditions® specifically disclaims any and all warranties other than those listed above on this page to the fullest extent allowed under applicable law, including warranties of merchantability and/or fitness for a particular purpose. This warranty applies only to the firearm. It does not apply to any accessories.

NOTE: Proof of purchase is required to show original ownership for all warranty work.

PLEASE HELP US SERVE YOU BETTER

In the event you should questions pertaining to the function or performance of your new Traditions® firearm please visit our website to get answers to the most commonly asked questions. Log on to www.traditionsfirearms.com where you will find the FAQ page. This page will get you fast access to trouble shooting solutions. If you do not find an answer to your specific question on the FAQ page of our website please feel free to email info@traditionsfirearms.com and a qualified member of our team will respond to your individual question as quickly as possible. Additionally, there are numerous videos on our website that can help answer questions regarding your firearm. Visit www.traditionsfirearms.com/video-listings or <https://www.youtube.com/user/TraditionsFirearm>.

In the event you still need assistance please do not hesitate to contact Traditions®, and a member of our Customer Service Department will be happy to assist.


In the unlikely event you need warranty service on your firearm we need your help to get the work done right and without delay. It is simple to send an email or give us a call to discuss the issue.


Traditions® conveniently engraves the caliber, serial number and model name on each firearm. Take note of this information, record it on the warranty page in this manual and be prepared to state it when contacting the Traditions® Customer Service Department with your questions.

Steps to Return a Rifle for Service

1. Do not return your firearm to the dealer.
2. Please call us and describe the problem. Chances are we can either guide you to a solution right over the phone or when possible send you the parts you need to correct the problem. Should your firearm need factory service, we will give you instructions about where to ship it and issue you a Return Merchandise Authorization number.
3. All firearms must have a factory issued Return Merchandise Authorization number (RMA) before returning to Traditions® for warranty service. Firearms without an RMA number will be refused.

4. Package your unloaded firearm safely and securely inside a sturdy box. The Traditions® box your firearm arrived in is NOT a shipping box. **NOTE: Firearms packaged and shipped improperly are not covered under warranty if damage occurs.**
5. Write your RMA # on the outside of the box so it can be easily seen when it arrives at our facility.
6. Ship your unloaded firearm to:
Traditions®
1375 Boston Post Rd. • P.O. Box 776
Old Saybrook, CT 06475-0776

 **WARNING: It is in violation of Federal Law to ship a loaded firearm. If your firearm has a live charge and/or projectile in the barrel, please take it to a local gunsmith for removal or call Traditions® Customer Service Department at 860-388-4656.**

 **ATTENTION: YOUR FIREARM MUST BE CLEANED BEFORE IT CAN BE INSPECTED.** If we need to clean your firearm in order to inspect it there will be a standard cleaning, lubrication, inspection, and function test (C.L.I.F.) service fee.

NOTE ON ACCESSORIES:

Please remove all after-market accessories from your firearm prior to sending in for repairs. This will ensure that these items will not be lost, misplaced, or damaged during the return process.

TRADITIONS® WILL NOT BE HELD LIABLE FOR ANY AFTER-MARKET ITEMS OR ACCESSORIES THAT ARE LOST OR DAMAGED IF THEY ARE NOT REMOVED AND ARE SENT IN ON YOUR TRADITIONS® ITEM COMING BACK FOR REPAIR.

WARRANTY REGISTRATION

To register your warranty please go to
www.traditionsfirearms.com/support/warranty-registration.

To be added to our email list for announcements, specials, and other information please visit our website at:
www.traditionsfirearms.com.



P.O. Box 776
Old Saybrook, CT 06475-0776

**Place
Postage Here.**
Or for additional
security enclose
in a envelope.