

Important instructions for:

## Winchester Muzzleloading Rifles

A licensed brand of:  
Blackpowder Products, Inc.  
5988 Peachtree Corners East  
Norcross, GA 30071

*Winchester(R) is a trademark used under a license by Blackpowder Products, Inc.*

Use the space below to record information about your new Winchester Muzzleloader:

Model \_\_\_\_\_

Caliber \_\_\_\_\_

Serial Number \_\_\_\_\_

Purchased From \_\_\_\_\_

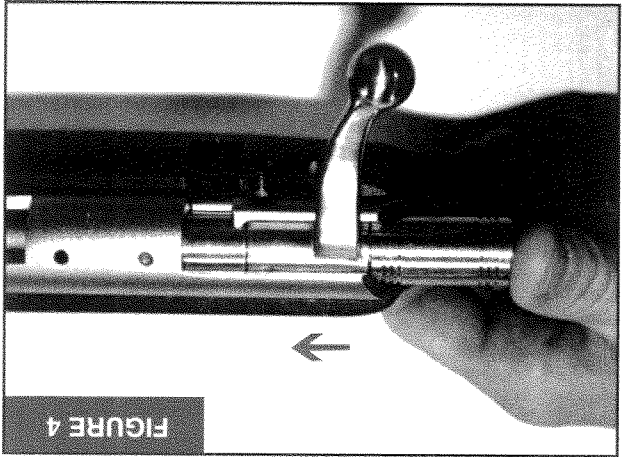
Date of Purchase \_\_\_\_\_

We sincerely hope that you are pleased with your new Winchester muzzleloader. We at Winchester Muzzleloading thank you for the privilege of crafting this muzzleloader for you. We are especially proud of the many years of enjoyment it is certain to provide you and your family. Winchester Muzzleloading is part of the over 130 year-old tradition of producing quality firearms for the world's sportsmen and women. Quality of manufacture, design, craftsmanship and function are of utmost concern to us. We believe you'll find that your new Winchester muzzleloader meets the Winchester tradition of quality in every way. If you have any questions or comments regarding your new muzzleloader, please feel free to write to our administrative offices:

Customer Service Department  
Winchester Muzzleloading  
c/o Blackpowder Products, Inc.  
5988 Peachtree Corners East  
Norcross, GA 30071  
1-877-892-7544

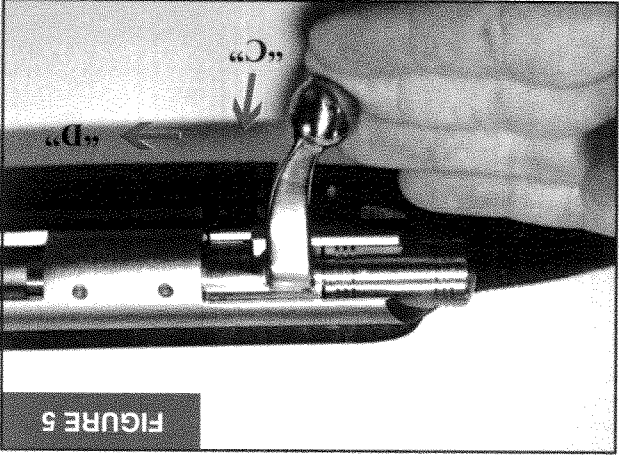
1. With the Bolt Assembly in the cocked position, align the bolt assembly in the same position as when removed in Figure 3. Using the thumb, push forward on the Bolt Cap, past the initial resistance, until the Bolt Assembly stops (Figure 4).
2. Cycle the Bolt Handle up, as per arrow "D", then forward, as per arrow "C" (Figure 5).

**INSTALLATION OF BOLT**



**FIGURE 4**

**BOLT ACTION DISASSEMBLY/ASSEMBLY**



**FIGURE 5**

Some metal parts of your new Winchester muzzleloader have been coated at the factory with a rust preventative oil. It is extremely important to thoroughly clean all metal parts before using. Note: The Bolt Assembly must be removed before beginning this process. See previous section for removal instructions. Using the allen wrench provided, unscrew the bolt cap by turning counterclockwise. The spring, striker, bolt handle, and

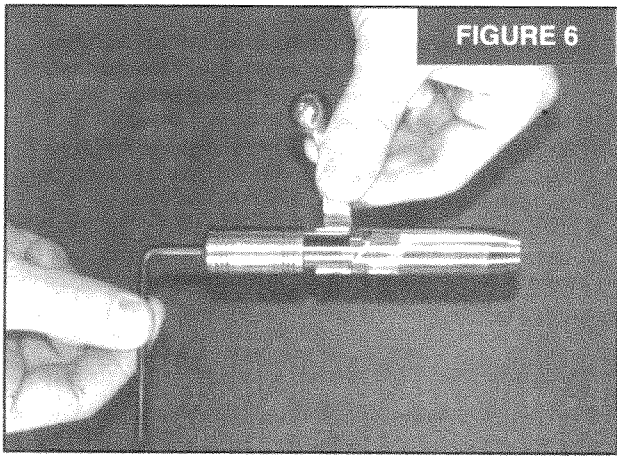


FIGURE 6

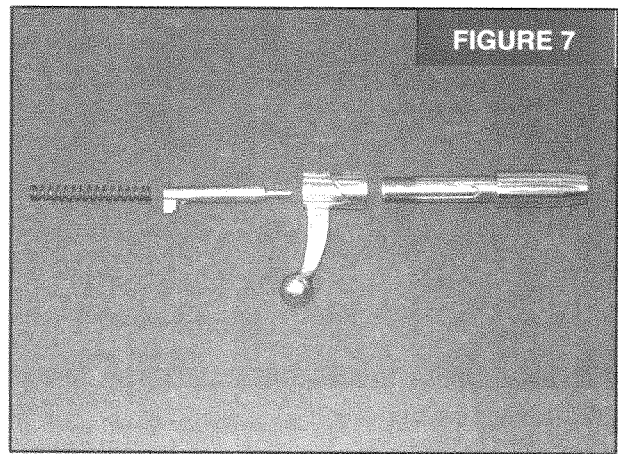


FIGURE 7

- bolt body will now come apart (Figure 6).
2. Clean all bolt parts thoroughly, dry all parts, then lubricate with a non-petroleum based gun oil.
  3. Reassemble bolt body, bolt handle, striker, and spring (Figure 7).
  4. Move bolt to the uncocked position (Figure 8).
  5. Place the bolt cap back over the spring. While pressing the spring downward, screw the bolt cap on to the bolt body.
  6. Holding the bolt cap securely with the allen wrench, **twist the bolt handle counter clockwise to the cocked position.**

7. Return bolt to receiver as described in Installation of Bolt Section.

#### GENERAL CLEANING AND MAINTENANCE

**Note:** Verify that gun is unloaded before beginning this procedure by placing the ramrod down the barrel until it touches the breech plug. If gun is unloaded, the end of the ramrod should be flush with the crown of the muzzle. If rod extends beyond the crown of the muzzle, assume the rifle is loaded and that it should be unloaded before proceeding.

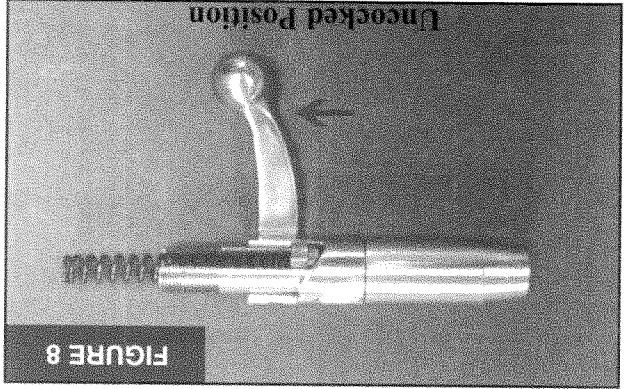


FIGURE 8

1. Verify that gun is unloaded.
  2. Remove bolt from gun.
  3. Insert the slotted end of the breech plug tool (provided) into the receiver to engage the breech plug. Turn counterclockwise to remove.
  4. Using a cleaning brush and solvent, thoroughly clean breech plug of all rust preventative oils. Then clear the channel of all fouling, grease, etc. using Winchester Breech Plug Pick (WA0008).
- Important:** Lubricate breech plug threads with Winchester Muzzleloading Anti-Seize Grease before reinstalling.

**FIELD CLEANING PROCEDURES**

**Note:** Always store your muzzleloader unloaded and in a cool dry place.

1. Verify that gun is unloaded.
  2. Remove ramrod from gun.
  3. Cycle the bolt to the open position.
  4. Attach the cleaning jag (provided) to the ramrod.
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5. With the allen wrench (provided), loosen and remove the two retention hex screws from the underside of the stock.
  6. With the two hex screws removed, you will now be able to separate the stock from the barrel.
  7. Remove the trigger mounting screws and lift the one-piece trigger from the receiver. Note: For a light field cleaning this process is not necessary.
  8. Attach the cleaning jag (provided) to the ramrod. Swab the barrel with patches and cleaning solvent until all residue has been removed. For best results, use a range or cleaning rod that allows greater clearance from the muzzle.
  9. Clean the breech area, including receiver threads, with a Winchester Muzzleloading breech brush and barrel cleaning solvent.
  10. Dry all parts thoroughly, including the inside and outside of the barrel, and spray with a light coating of gun oil.
  11. Reassemble the gun components in reverse order.

5. Swab the barrel with a patch and cleaning solvent. Repeat process 2 to 3 times.
6. Swab barrel with a dry patch to remove any moisture.

#### **OPERATION OF THE SAFETY**

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The safety can only be operated when the bolt is cocked. To cock the bolt, lift the bolt handle up and then return it to the locked position.

1. **Safe Position**—This is when the safety is drawn to the most rearward position. The safe position is indicated by a green dot.
2. **Firing Position**—With the safety pushed fully forward, the rifle is ready to fire. The firing position is indicated by a red dot.

**The safety mechanism—when it is engaged—is designed to block the trigger to prevent firing. However, this mechanism will not necessarily prevent the accidental discharge of this firearm as a result of jarring or abuse.**

**NOTE: A secondary safety measure is to keep the bolt handle in the open position.**

#### **LOADING PROCEDURE**

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**Note:** Before loading your muzzleloader it is important to remove all oils from the barrel. Failure to do so can result in a misfire.

**Warning:** Always wear safety glasses and ear protection to protect yourself from sparks, fragmented caps, powder debris, and/or hearing loss.

1. Verify that gun is unloaded.
2. Swab a dry (no solvent) patch down the muzzle to remove any gun oil.
3. With gun pointed in a safe direction, place a #209 primer into the breech plug, or percussion cap on the nipple (if so equipped).
4. Release the thumb safety and fire primer to ensure bore and breech plug are dry of solvent or moisture. Repeat two or three times. Never dry fire a Winchester muzzleloader. Doing so will damage the bolt assembly and will not be covered under warranty.
5. Place thumb safety in the safe position and set the recoil pad on the ground.
6. With the muzzle pointed "up" and away from the loader's body, pour a measured charge or drop the correct number of pelletized powder down the barrel (see suitable charges—Table 1).

**Note:** All Winchester muzzleloaders are rated to shoot a maximum of 150 grain equivalent of Pyrodex pellets or Clean Shot Powder Pelletized. The maximum recommended loose powder (black powder, Pyrodex, Clean Shot, or Clear Shot) is 100 grains.

The ONLY *approved* propellants for Winchester muzzleloaders are as follows:

- A. Authentic FFG black powder
- B. Pyrodex brand black powder substitute (RS) and Pyrodex Pellets
- C. Clean Shot brand black powder substitute and Pelletized Powder
- D. Clear Shot brand black powder substitute

TABLE 1

Min. Load	Recommended	Max. Load
50	90-120	150
<b>.45 Caliber</b>		
50	100-130	150
<b>.50 Caliber</b>		

7. Use a Winchester Muzzleloading universal bullet starter with the correct sized attachment to start the bullet down the muzzle approximately six inches. Note: For optimum accuracy and maximum hunting performance, PowerBelt brand bullets are the recommended projectile for your Winchester muzzleloader.

8. With your ramrod or range rod, push projectile down on top of propellant. Make sure that you apply continual and firm pressure until you feel the projectile touch the propellant. **Important:** Be sure projectile is firmly seated against powder. No air space should exist between powder and projectile.
9. With gun pointed in a safe direction, the safety on, and the bolt in the open position, place a 209 primer (or percussion cap, if so equipped) into the breech plug and close the bolt. **THE GUN IS NOW LOADED AND READY TO FIRE.**
10. Identify your intended target, release the thumb safety, and squeeze the trigger.
11. After firing, wait at least one minute to reload. This will allow any remaining sparks in the barrel to burn out prior to loading.

**SIGHT ADJUSTMENTS**

Your Winchester muzzleloader is equipped with premium Fiber Optic sights. Depending on the projectile type and propellant charge used, it may be necessary for the shooter to make some fine adjustments.

**ELEVATION ADJUSTMENTS**

Adjusting your muzzleloader to shoot higher requires you to raise the rear sight. With the small allen wrench provided, loosen the

tension screw located on the right hand side of the sight. Slide the sight forward with your thumb. Use the index lines to help with your sight adjustment. Make sure to retighten the tension screw before firing, but do not overtighten. Adjusting the sight to make your muzzleloader shoot lower is just the opposite—move the rear sight down.

Remember:

- Move the rear sight up to impact higher.
- Move the rear sight down to impact lower.

#### **WINDAGE ADJUSTMENT**

To adjust the rear sight for windage (right or left) adjustment, loosen the windage tension screw, located on the top center of the sight, so that the sight will slide to the left or right. To move the point of impact to the left, move the rear sight to the left.

Remember:

- Move the rear sight to the right to impact farther to the right.
- Move the rear sight to the left to impact farther to the left.

After each adjustment, remember to retighten the retaining screws.

Winchester Muzzleloading recommends the initial sighting in of your muzzleloader at a relatively close range—25 to 40 yards. Bullet impact should be centered and approximately 2" to 3" high at that distance. With an impact point 2" high at 40 yards, you should be close to zero at 100 yards.

Remember, bullet weight and powder charge will play a factor in the impact of the bullet. Therefore, if you make any changes in projectiles or propellants, be sure to resight the rifle.

#### **SIGHTING A SCOPED RIFLE**

Your new Winchester muzzleloader comes drilled and tapped for easy scope installation. Scopes should be mounted according to manufacturer's guidelines. Winchester Muzzleloading offers a premium quality set of steel rings and bases.

#### **ORDERING PARTS**

The fastest way to order parts is to visit our web site at [WinchesterMuzzleloading.com](http://WinchesterMuzzleloading.com) and download a parts order form. Be sure to include your name, address, and telephone number in addition to the model number, serial number and caliber of your Winchester muzzleloader. If necessary, you may mail in your request. Once received, we will forward an order form and parts breakdown with prices.

**Write to:**

Parts Department  
Winchester Muzzleloading  
c/o Blackpowder Products, Inc.  
5988 Peachtree Corners East  
Norcross, GA 30071

**SERVICE OR REPAIR**

If your Winchester muzzleloader should ever need repair or

service, or if you have other questions about Winchester  
Muzzleloading, please contact our Customer Service Department:

Customer Service

Winchester Muzzleloading  
c/o Blackpowder Products, Inc.

5988 Peachtree Corners East

Norcross, GA 30071

Phone: 1-877-892-7544

Fax: 1-770-242-8546

E-mail: [info@WinchesterMuzzleloading.com](mailto:info@WinchesterMuzzleloading.com)

**WINCHESTERMUZZLELOADING.COM**

WinchesterMuzzleloading.com offers a wealth of information for  
you concerning all aspects of muzzleloading.

• Complete Winchester Muzzleloading product line

• Parts diagrams

• Answers to technical questions

• Hunting articles

• Tips on blackpowder shooting

• Contact information

**LIMITED LIFETIME WARRANTY**

Winchester Muzzleloading warrants all our finished muzzleloaders  
to be free of defect in material or workmanship for the lifetime of  
the firearm, to the original consumer owner. This warranty is  
established by return of the warranty card within fifteen (15) days  
of purchase date, and is not transferable.

Any Winchester muzzleloader or part thereof returned postage paid  
to the address below will be repaired to our commercial standard,  
or replaced free of charge, and returned to the purchaser postage  
prepaid.

**Warranty does not cover:**

- Damage resulting from careless handling or neglect
- Improper loading, corrosion, or customer alteration
- Normal wear of parts, metal or wood finish, or cost of inconvenience



Winchester Muzzleloading reserves the right to refuse to repair or replace parts thereof damaged by the above.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

**This warranty is void if:**

- Any propellant other than the correct type of blackpowder or blackpowder substitute has been used. See page 10 for an approved list.
- Winchester Muzzleloading recommended powder charges have been exceeded.
- Any attempt has been made to alter bolt, barrel, trigger, or breech plug.
- Owner does not follow recommended guidelines for care and cleaning.

**For fastest warranty repair:**

Do not return the gun to the dealer. Call Winchester Muzzleloading at 1-877-892-7544. In most cases our service professionals can troubleshoot your problem over the phone and have you back shooting in no time at all.

**Address all other inquiries and correspondence to:**

Winchester Muzzleloading  
c/o Blackpowder Products, Inc.  
5988 Peachtree Corners East  
Norcross, GA 30071  
1-877-892-7544

# WINCHESTER

MUZZLELOADING Licensee

Name \_\_\_\_\_ Phone \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Store Name \_\_\_\_\_ Date Purchased \_\_\_\_\_  
Street \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Product \_\_\_\_\_  
Caliber \_\_\_\_\_ Model # \_\_\_\_\_ Serial # \_\_\_\_\_

1. In what type of store was product purchased?

- |                                   |   |                                     |
|-----------------------------------|---|-------------------------------------|
| <input type="checkbox"/> Gun      | <input type="checkbox"/> Chain/Department | <input type="checkbox"/> Hobby      |
| <input type="checkbox"/> Sporting | <input type="checkbox"/> Hardware         | <input type="checkbox"/> Mail Order |

2. Why did you select this product?

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Reputation     | <input type="checkbox"/> Special Feature  | <input type="checkbox"/> Price         |
| <input type="checkbox"/> Recommendation | <input type="checkbox"/> Impulse Purchase | <input type="checkbox"/> Advertisement |

3. Intended use:

- |                                  |  |                                |
|----------------------------------|--|--------------------------------|
| <input type="checkbox"/> Hunting | <input type="checkbox"/> Target Shooting | <input type="checkbox"/> Other |
|----------------------------------|--|--------------------------------|

What features do you like about this product? \_\_\_\_\_

Are there any features you dislike? \_\_\_\_\_

What improvements would you recommend? \_\_\_\_\_

*Please mail warranty information to:*  
Winchester Muzzleloading, c/o BPI, 5988 Peachtree Corners East, Norcross, GA 30071