

## **Vortek Northwest Magnum Edition™ Addendum**

**NOTE:** This information is designed to supplement the 209 ignition and breech plug system section of the Traditions Vortek Manual.

**NOTE:** This model, the Vortek Northwest Magnum Edition, was designed for use with a musket cap only. **It cannot be used with a #11 percussion cap. The action will not function properly and can cause unsafe situations with misfiring and delayed powder ignition.**

**CAUTION:** **Be sure to completely read the information provided in the Traditions Vortek Muzzleloader Manual. If at any time you are unclear on how to properly use this product please contact Traditions for assistance.**

### **Ignition:**

**NOTE:** Breech plugs and nipples wear out over time and should be replaced periodically. We recommend that you purchase at least one spare nipple and breech plug for use in the field or at the range. These can be purchased at your local dealer or directly from Traditions™ at [traditionsfirearms.com](http://traditionsfirearms.com).

**Warning!** - Black powder and black powder substitutes are corrosive! If your firearm is not properly cleaned and lubricated after use, the inside and outside of your firearm may become rusty, corroded, pitted and may ultimately fail to function properly.

**Refer to your Vortek manual for instructions on how to check if your muzzle loader is loaded.**

Before loading your firearm the following inspection should be made:

First – point your firearm in a safe direction. A safe direction is one where if a discharge occurred no one would be injured.

Next – squeeze the action release lever to open the action and confirm that there is no cap on the nipple.

- Inspect the nipple for signs of corrosion or damage.
- Inspect the firing pin hole for signs of corrosion or damage.

**WARNING: If the firing pin is protruding through the breech face STOP! If there is a cap on the nipple remove it and follow the following instructions. Closing the action with a capped nipple with a protruding firing pin can result in a discharge!**

Remove the firing pin and spring from the channel using the screw on the side of the frame. Clean the channel, firing pin and spring and re-install. On the top of the frame in front of the hammer there is a small vent hole. This was designed to allow excess blowback to escape the firing pin channel and limit fouling that could cause the firing pin to bind. The second reason for this is to allow for quick and easy lubrication of the firing pin when necessary.

Next – After making sure there is no cap on the nipple, close the action.

- Check the hammer and trigger function by cocking the hammer and releasing it with the trigger.
- Check the function of the firing pin by squeezing the trigger and pushing the hammer forward. The firing pin should protrude through the breech face.
- Check the firing pin return by releasing the trigger and the hammer, the firing pin should now retract.

**WARNING: If the firing pin does not retract fully into the breech face STOP! Closing the action with a capped nipple with a protruding firing pin can result in a discharge!** Remove the firing pin and spring from the channel using the screw on the side of the frame. Clean the channel, firing pin and spring and re-install. Re-check for proper function of the firing pin by following the instructions above. Check the function of the trigger block safety-when engaged the hammer cannot be pulled back and the trigger cannot be squeezed.

# **Traditions™**

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**PERFORMANCE FIREARMS**

**WARNING:** Before proceeding with the disassembly and maintenance of your rifle, make certain the gun is unloaded and that the cap or primer has been removed. Failure to follow these instructions may result in serious injury or death.

**Removal of the Nipple:**

1. Make sure that the nipple is not capped or primed.
2. Push the action release lever to open the action and expose the nipple and breech plug.
3. Insert the breech plug wrench over the nipple and make sure it is seated fully.
4. Insert the handle into the hole at the rear of the breech plug wrench and unscrew the nipple counter clockwise.

**Removal of the Breech Plug:**

1. Insert the larger end of the breech plug wrench over the breech plug and make sure it is fully seated.
2. Insert the handle into the hole at the rear of the breech plug wrench and unscrew the breech plug counter clockwise. It may require some extra force to remove the breech plug after shooting.
3. If for some reason you are unable to remove the breech plug or nipple, please refer to Section VIII of your owner's manual for additional instructions.

**Installation of the Breech Plug and Nipple:**

1. Make sure that the threads of both the breech plug and the nipple are clean of all debris and fouling. Be sure to clean the threads inside the barrel of any debris as well.
2. Apply liberally to the threads Traditions™ Breech Plug and Nipple grease. This will help to prevent the breech plug becoming seized in the threads of the breech.
3. Re-install the breech plug into the barrel using the wrench and turning it clockwise until tight.
4. Re-install the nipple into the breech plug using the wrench and turning it clockwise until tight. Do not over tighten or the nipple may break.

**Refer to section IX for instructions on how to load your muzzle loader keeping in mind to follow the recommended loads listed here specifically for the Northwest Magnum Edition.**

**Recommended Loads:**

**NOTE:** The Vortek Northwest Magnum Edition is designed to shoot loose granulated powder or Pyrodex® Pellets only. **Note:** Traditions recommends using only a musket cap with a combination of 90-100 grains of loose powder, and a 250gr sabot bullet as a good starting load for initial sight in. You may want to try different loads to see what suits your shooting needs, but do not exceed the maximum load of 150 grains. When using loose Triple 7 a 15% reduction by volume should be taken making the maximum for this powder 130 grains.

**Capping your muzzleloader:**

**NOTE:** The Vortek Northwest Magnum Edition™ is designed to use the musket ignition cap only. This gun cannot use a #11 ignition or a 209 shotgun primer ignition. **Only install a musket cap after the gun has been loaded with powder and bullet and only when you are ready to fire the firearm.**

1. Make sure that your muzzleloader is pointed in a safe direction.
2. Squeeze the action release lever to open the action of the gun.
3. Install the musket cap onto the nipple and make sure it is fully seated.
4. Close your action and your gun is now loaded and ready to fire.

**De-capping your muzzleloader:**

1. Squeeze the action release lever to open the action of the gun.
2. Use a De-capping tool to remove the percussion cap from the nipple.
3. Slide the tool alongside the inner part of the cap closest to the nipple and push the cap off the nipple.

**CAUTION:** BE SURE TO FOLLOW ALL OTHER WARNING AND SAFETY INFORMATION CONTAINED IN THE VORTEK MANUAL.