

Shooting a muzzleloader is not like other guns. It is very dirty. When sighting and trying to find the right combination of powder, etc. you have to clean the gun (bore).

The way to **clean the bore** is to use **Wonder Lube** patches. Take ram rod & cleaning jag (the little brass thing in the box with 3 ridges on it). This gets the patch down and back. Do this once between every shot.

**Wonder Lube** is a cleaning product for Muzzleloaders. A cleaning product for Muzzleloaders can't be petroleum based. **Wonder Lube is vegetable based.** Petroleum based burns and leaves residue, gumming up gun.

**It's very important to clean after every shot!**

You get blowback that goes into bolt assembly.

**EXTREMELY IMPORTANT** that after shooting and end of season clean bolt assembly put bolt disassembly tool on end of bolt, turn ¼ turn and rock back & get firing pin assembly and bolt body-very important to clean each time w/ all powder natural cleaner, all natural bore cleaner, or Vortex Bore Cleaner.

You can soak parts in bore cleaner & scrub w/ nylon brush. Do this outside. When putting gun up for storage can use Rem Oil but before using **VERY IMPORTANT** to clean before using. Clean inside of bolt, outside of bolt--everything completely dry off-Dirt and debris will stick to it and gum it up. Coat very well w/ wonder lube-all metal except trigger assembly for storage and leave it on.

The tool for breech plug assembly (breech plug nipple wrench goes up into bolt assembly. Turn to get nipple and breech plug out.

To install breech plug **VERY IMPORTANT** to take wonder lube and put it on the nipple and breech plug threads before installing or they will **NEVER** get it out. **VERY IMPORTANT!** Some people make breech plug grease that people can get.

To clean bore (every time that you shoot) take stock off-get bucket of hot water, put in all natural bore cleaner (ours is a 10 to one solution). Don't do cleaning in the bathtub. Stick whole receiver (breech) end of gun down into water. Take clean cotton cloth with ram rod and cleaning jag and put down barrel. Keep pulling and pushing back and forth with the ram rod until gun is clean. Take out of the water and dry well (**VERY IMPORTANT**) See two pieces of metal (sear and trigger control) in hole. **EXTREMELY IMPORTANT** to get all black powder out. This is mechanism. All triggers for muzzleloaders are stainless but they will rust. Spray only here in gun very lightly with Rem Oil & wipe off.

The bolt itself is held in w/ cam screw that goes down cut out in the bolt. Get all powder off here also.

To clean with Vortex (a hydrogen peroxide cleaner) comes with a little toothpick thing. Pour Vortex down barrel until 1 inch from the top. Let sit from 5 to 10 minutes. Pour Vortex back into bottle. Bore will be completely spotless. You still have to clean the breech plug. Dry everything-clean trigger assembly. Lube everything with wonder lube- coat bore with Wonder Lube. Trigger mechanism can actually be cleaned with Rim Action Cleaner (it's alcohol spray)