

Black Powder Notes (Scroll down to middle for parts and repair notes)

No one actually uses black powder any more. Too volatile.

Three types of product used with muzzle loaders are:

Pyrodex

Go Ex

Clean Shot

These don't have nitro content of black powder. Different derivatives.

Barrel Action consists of the barrel action, receiver, everything but stock.

Barrel

Action

Bolt

Firing Pin Inbolt (called striker in muzzleloader)

Bolt

Trigger Assembly (holds safety)

Trigger Guard

Ram Rod

Barrels are controlled. These are not sold to customers.

The types of projectile used for muzzleloaders are:

Lead Round Balls (target small game) used very little for small game

Pieces of lead shaped like bullets.

Sabot projectile in plastic sleeve. The jacket protects the bullet from the rifling. 20 or 30ft after fire the jacket falls off and bullet keeps going.

There are two types of muzzleloaders

Inline (most of ours are inline)

Sidelock (has big hammer & moves back)

To Load a Muzzleloader

Put powder in (measure the grains by **volume not weight**). Must use between 90 grains to 150 grains. Most of the time between 90 to 120.

Pour this into muzzle end of gun.

Put projectile in barrel.

Put jag on ram rod to press projectile down in gun.

Next need something to ignite powder.

With inline the breech end is open and you have a breech plug that screws into breech.

Powder sits right up against hole in breech plug.

Nipple screws into breech plug. On top of nipple you place percussion cap. (this is piece that makes spark to ignite powder-it has explosive paste inside).

This sets on end of nipple and striker hits this. Fire goes down through nipple and ignites powder.