



KNIGHT[®]
AMERICA'S MUZZLELOADER

Knight Rifles Instructions and Safety Manual

WARNING!

Muzzleloaders are dangerous if not handled properly. It is important that you understand all of the information in this manual prior to using your Knight Rifle. Failure to do so may result in harm to your rifle, yourself and/or bystanders.

READ THIS MANUAL NO MATTER
HOW EXPERIENCED A SHOOTER

DO NOT USE SMOKELESS GUNPOWDER!





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Introduction

Dear Knight Rifle® owner,

Congratulations! As a member of the Knight family, you now own the tradition of the past with the technology of the future. Knight Rifles has helped muzzleloading mature from a nostalgic interest into a true hunting sport. Every year, numerous world records are taken across the globe. With your Knight muzzleloader, you can expect unmatched accuracy on the range and in the field.

Hunting with a Knight muzzleloader is a unique compromise between the challenge of using a bow and the devastating knockdown power of a center-fire rifle. Offering the best of both worlds, your Knight muzzleloader will make your hunting experience the best it can be.

We know that you will derive many hours of shooting and hunting pleasure from your new Knight muzzleloader. We look forward to your letters, pictures, comments and questions that you may have on how we can enhance your muzzleloading experience.

Your Partners in the Field

The Knight Rifles Team

Safety Definition

In this manual, keep the following definition in mind to help you understand and use the safety information that is present throughout the manual:

WARNING!

Indicates information regarding a hazardous situation, which, if not avoided, may result in death or serious injury.

Introduction

Unpacking Your New Knight Muzzleloader

Knight Muzzleloaders are delivered factory-packaged, preserved with a coating of protective oil, and placed in a corrosion resistant bag for shipping. Before loading and firing, make certain that all protective oil has been cleaned from the bore, breech plug, nipple, and exposed firing mechanisms. Your muzzleloader has been tested, inspected, and properly packaged at the factory. Knight Rifles cannot control product handling after shipment. Please examine the muzzleloader carefully at the time of purchase to ensure that it is unloaded and undamaged. Your dealer will be pleased to assist you in making this examination and will answer any additional questions you may have.

Getting to Know Your New Knight Muzzleloader

Before loading and firing your new Knight® muzzleloader, it is important that you get to know your new muzzleloader. Read this manual to learn about muzzleloading in general and the features, limitations, and capabilities of your particular muzzleloader. The first part of the manual applies to all models. The second part contains a section with specific information about each model.

It is important that you select appropriate priming devices, amount and kind of propellant, and projectiles for your model.

All Knight® muzzleloaders are equipped to use 209 shotshell primers as priming devices. Some are also able to utilize percussion caps. Most Knight® muzzleloaders feature the **Full Plastic Jacket Ignition System Concept™**, which allows you to utilize a 209 shotshell primer as the ignition source, completely weatherproofing the receiver area. The hotter shotshell primer ignition puts more fire into the breech end ensuring spontaneous ignition, faster lock time, consistent velocity, and a hotter burn of the powder charge for a cleaner breech area. This contributes to better accuracy. This does not take the place of swabbing the bore and breech plug face to assure a clean spark free barrel.

Knight® muzzleloaders use Black Powder FFg, and industry approved black powder substitutes. Some models can also use pelletized powder (powder formed into single pellets of approximately one half inch in length). **WARNING! Never use smokeless powder. It can cause your muzzleloader to explode. There are many black powder substitutes available. Be aware of and follow all instructions and warnings that apply to the propellant you choose as their recommendations including swabbing your bore do vary from manufacturer to manufacturer.**

Knight® muzzleloaders use a variety of projectiles, depending on the model.

WARNING! Knight Rifles® does not recommend the use of non saboted lead projectiles (such as patched round balls). These bullets can easily be moved from the powder charge. This will result in an obstructed barrel, and upon firing, could cause an explosion. If you choose or legally have to shoot non saboted lead projectiles, always check that your projectile is properly seated immediately before priming and firing.

Basic Safety Rules

WARNING! Muzzleloaders can seriously or fatally injure shooters and bystanders if not handled properly. Before you use your muzzleloader read this manual, particularly these Basic Safety Rules.

Supervise and teach muzzleloading safety to all members of your family. Never lend your muzzleloader to anyone who is not thoroughly familiar with its operation and the basic rules of muzzleloading safety. Be certain that anyone using your muzzleloader has read and understands this Instruction and Safety Manual. Always be defensive and on guard against gun handling around you and others.

Knight® muzzleloaders are designed to function properly in their original condition. Do not jeopardize your safety or the safety of others by modifying your muzzleloader.

Basic Firearm and Muzzleloader Safety Rules

Many of the safety rules for muzzleloaders are the same as those for firearms. The best way to learn about firearm safety is a course taught by an NRA-approved or other qualified instructor. Check with your local gun clubs and firearm dealers. Here are a few of the most important general firearm safety rules:

Handling, Loading, and Unloading

- Always handle all firearms and muzzleloaders as if they were loaded. Keep the muzzle pointed in a safe direction. Never point your firearm or muzzleloader at anything you do not intend to shoot.
- Keep your safeties on *safe* while handling and loading.
- Unload when not in use and never store a loaded firearm or muzzleloader. Remember to unload before cleaning too.
- Never intentionally drop a firearm or muzzleloader when loaded.
- Never climb with your firearm or muzzleloader. Use a rope or strap to lift and lower your unloaded firearm or unprimed muzzleloader.

Avoid Injuries When Firing

- Always wear adequate eye and ear protection when shooting.
- Never fire a firearm or muzzleloader with worn, broken, or modified parts.
- Never drink alcoholic beverages or take any type of drugs before or during shooting.
- Be sure of your backstop, what lies beyond, and the safety of bystanders, before you shoot.

Follow Hunting Safety Rules

- Never hunt from a treestand without a full body harness
- Be aware of and follow the local hunting safety regulations

Basic Safety Rules

WARNING! Even if you are proficient with other firearms, rifles, or other similar muzzleloaders, be sure to read the special muzzleloader safety rules below, as there may be features or functions of this product that you are not familiar with.

Special Muzzleloader Safety

Avoid Accidental Firing

A muzzleloader can seriously or fatally injure you or bystanders due to accidental firing when it is primed with a priming device, (either a 209 shotgun primer or percussion cap) but not loaded, when it is loaded with a powder and a projectile but not primed, or when it is both primed and loaded.

- Know your safety systems. Some models have two safety systems, while others have only one. Use all of the safety systems on your muzzleloader whenever you are not ready to fire.
- Keep your muzzle pointed in a safe direction if your muzzleloader fails to fire. It could fire after a delay.
- Remove the priming device before crossing a fence, climbing a tree, jumping a ditch, or negotiating other obstacles. A primed muzzleloader can fire if dropped or impacted.
- Never rest the firing pin or striker against the priming device. An impact in this condition could cause the muzzleloader to fire, even with safeties engaged.
- **Always swab the barrel (all the way to the face of the breech plug) with a moistened patch between shots to remove potential hot residue that could ignite powder and to improve shot to shot accuracy.**

Load Properly

- Never use smokeless powder in Knight muzzleloaders.
- Never exceed the recommended maximum powder charge for your Knight muzzleloader. Please see individual models for recommended load limits of Black Powder FFG, and industry approved black powder substitutes, by volume or its equivalent for Knight Rifles. See your specific rifle's page for maximum powder charges.
- Make sure your muzzleloader is unloaded before attempting to load.
- **Never install a percussion cap or primer on the nipple before loading.**
- Be sure that the barrel and nipple flash channel are clear of any obstruction.
- Be sure the bullet is firmly seated on the powder charge.

Care and Cleaning

Always clean and lubricate your muzzleloader after each day's shooting. A muzzleloader must be free of rust, dirt, grease, and powder residue to function safely and reliably. Careful maintenance, which includes inspection of all components to determine if they are in proper working order, is absolutely essential. Muzzleloaders use Black Powder FFG and industry approved black powder substitutes that are highly corrosive, and when fired will deposit corrosive particles and residue in the bore, breech plug, hammer, receiver, trigger and other parts of the rifle.

Rifle grade stainless steel is more rust and corrosion resistant than blued steel, but it is not rust proof. To insure your stainless steel rifle remains in superior condition, clean, oil, and store it in the same manner as a blued steel rifle.

Basic Cleaning Equipment Needed:

- Ramrod with Bore Brush (Fiber or Brass)
- Cleaning Jag
- Cleaning Patches
- Powder Solvent
- Breech Plug Grease
- Water Displacing Oil
- Small Lint-Free Cloths
- Pipe Cleaners
- Toothbrush

WARNING! Before cleaning, be certain that the rifle is unloaded and that no primer is in the receiver. Cleaning a loaded or primed rifle may result in accidental discharge.

Care and Cleaning

Instructions for Cleaning

- 1.) Disassemble your rifle as described in your specific model's section of this manual. Take care to put all small parts and similar components in a tray.
- 2.) Clean rifle with soap and water or an approved solvent. Do not use soaps with chlorides, lye, or bleach in them; the chemicals may remove blueing on your barrel.
- 3.) Clean your rifle from the breech end. Place your breech plug and hammer in hot soapy water or **Knight® Solvent™**. Do not use water to clean triggers for DISC Extreme™, Long Range Hunter™, Mountaineer™, Bighorn™, Littlehorn™, and TK2000™. Only a solvent should be used to clean these Knight Rifles. Clean with appropriate material and lubricate sear. Don't allow barreled action and other rifle parts to soak in soapy water or solvents for extended periods.
- 4.) Use a **Knight® Ultimate Range Rod™** or a ramrod with a **Knight® Bullet Starter™** handle and an attached cleaning jag. With the muzzle still in the hot soapy water, place a patch over the rear of the receiver and push into the barrel. Scrub the bore vigorously to completely remove all foreign matter, powder residue, and fouling. Repeat this as many times as necessary to get a clean bore.
- 5.) Thoroughly scrub and clean the breech plug threads in the receiver. A toothbrush, bottle brush, or bullet starter with adapter and 20 gauge shotgun brush work well for this task.
- 6.) Using a toothbrush or pipe cleaner, thoroughly clean the receiver, hammer, breech plug, trigger and other components of all residues, fouling, etc.
- 7.) Thoroughly dry all metal surfaces and generously lubricate your rifle inside and out using **Knight® Oil™** with rust inhibitor.
- 8.) Reassemble your muzzleloader according to the instructions in your model's section of this manual.

Loading and Firing

WARNING! To reduce the risk of accidental discharge, explosion, serious injury or death, always follow this complete procedure for loading and firing.

Preparing to Load

WARNING! To reduce the risk of accidental discharge, serious injury or death, always perform the following checks.

- 1.) Confirm that all safeties are functioning properly and are in the *safe* position.
- 2.) Check that there is no primer, either live or spent, installed.
- 3.) Place the rifle butt on the ground, remove the ramrod, and place it in the bore until it makes contact with the breech plug. If the ramrod tip is near flush with the muzzle, the rifle is unloaded and the bore free from obstruction, if not, remove the ramrod from the barrel, discontinue loading. remove and inspect the breech plug.

WARNING! To reduce the risk of accidental discharge, serious injury or death, always perform the following

After your rifle has been cleaned and oiled, you must clear the breech plug firing hole of any oil and debris prior to use. This is done as follows:

1.a) Install a primer. Point the muzzle at the ground and hold 4 to 6 inches from dirt or grass. Place safeties in the *fire* position and fire a primer. Observe the dirt or grass move when the primer is fired. This will indicate that the breech plug flash channel is clear. If the flash channel is not clear, clear it of debris before proceeding. Always remove the spent primer after each ignition. If you do not have an obstructed flash channel using step 1(a) use alternate step 1(b).

1.b) Place the butt of the rifle on the ground, remove the ram rod and attach cleaning jag. Place a cleaning patch on the end of the jag and insert in to the muzzle. Push the ramrod all the way down until it makes contact with the breech plug. With the rifle pointed in a safe direction, place safety in the fire position and fire a primer. The ramrod will move slightly forward. Remove the ramrod and inspect the cleaning patch. The patch should be blackened and there will probably be a small hole in the center. If no blackening is observed repeat this process again. If you do not have an unobstructed flash channel discontinue loading process. Remove and inspect the breech plug.

2.) Return the safeties to the *safe* position.

3.) Leave the action open during swabbing and loading (except the Knight Vision, Shadow, which are break open actions).

4.) Place the butt of the rifle on the ground. Screw the cleaning jag into the end of the ramrod. Moisten a cleaning patch with **Knight Easy Clean** and wring any excess liquid out with your fingers. Using short, quick strokes of your ramrod and cleaning jag, swab the entire bore several passes with the wet patch until it contacts the breech plug. Place a dry patch on the jag and swab the entire barrel again, making sure to contact the breech plug.

WARNING! Failure to swab the barrel as instructed can leave hot embers in the barrel, which can result in accidental discharge during loading.

Loading and Firing

Loading Instructions for Rifles

- 1.) Make sure that all safety systems are engaged before loading and that there is no primer, live or spent, installed.
- 2.) Place the butt of the rifle on the ground so that the muzzle is facing up and away from the body.
- 3.) If using loose propellant, set your powder measurer to the desired amount and fill the powder measure. Pour powder into the muzzle. **WARNING! To reduce the risk of an explosion, do not pour directly from the propellant container, do not exceed recommended loads (see load chart on page 14), and only load your Knight® Rifle with recommended black powder or black powder substitute. Never use smokeless powder!**
- 4.) If using pelletized powder, place the recommended number of pellets into the muzzle. Read carefully the loading instructions of the propellant manufacturer and follow those instructions. Those instructions do vary from manufacturer to manufacturer.

WARNING! To reduce the risk of an explosion, do not exceed recommended loads (see load chart on page 16)

- 5.) If using sabots, place the bullet firmly in the proper sabot so that the bullet's base is squarely seated.
- 6.) Insert the projectile and start it down the bore using a **Knight® Bullet Starter™**.
- 7.) Using a hand over hand motion, drive the bullet down onto the powder charge using the concave end of the ramrod or cleaning jag. Do not pound or bounce the ramrod on the bullet. This will deform or displace the projectile, causing loss of accuracy and bullet performance. If using pelletized powder, this can also crack or crush the pellets, resulting in loss of accuracy and performance. **WARNING! If the bullet is not seated firmly on the powder charge, the rifle may explode when fired.**
- 8.) Remove your ramrod from the bore.
- 9.) Double check your trigger blocking safety and be sure it is on *safe*. Be sure the rifle is pointed in a safe direction. Depending on your model, pull the hammer locks into firing position, open the bolt on a **DISC™** Rifle, or release the drop or break-open action.
- 10.) Insert a priming device or 209 primed **DISC Full Plastic Jacket™**. Close the bolt and drop or break-open action.

Priming the Full Plastic Jacket



- 1.) Insert the 209 primer into the large end of the **Full Plastic Jacket**.



- 2.) Pop open the break action and place the Full Plastic Jacket into the breech.



- 3.) Once inserted, close the Vision and your rifle is now weather-proof and ready.

Loading and Firing

II.) (ACCURACY) Upon firing your cleaned and oiled rifle or shotgun if you notice any first shot accuracy or patterning issues, we recommend that you do the following each time before you load and fire your clean and oiled rifle and shotgun.

WARNING!

Your rifle is now armed. DO NOT point your rifle at anything that you do not want to shoot.

Loading and Firing

Firing

- 1.) With your action cocked into the firing position and the safety on, bring the muzzle-loader to your shoulder and put the desired target in your sights.
- 2.) When you are ready to shoot, move the trigger safety to **fire**.
- 3.) The muzzleloader can now be fired with the squeeze of the trigger. Be confident of your target and squeeze to fire.

Reloading

- 1.) Return the safety to the **safe** position.
- 2.) Remove live or spent percussion caps and primers from your firearm.
- 3.) Leave the action open during swabbing and loading. (Except break open actions which should remain closed.)
- 4.) Place the butt of the rifle on the ground.
- 5.) Screw the cleaning jag into the ramrod.
- 6.) Moisten the cleaning patch with **Knight® Easy Clean™** and wring any excess out with your fingers.
- 7.) Using short, quick strokes with your ramrod and cleaning jag, swab the entire bore several passes with the wet patch until it makes contact with the breech plug. Remove and discard the soiled patch.
- 8.) Place a dry patch on the jag and swab the entire barrel again, making sure to contact the breech plug.

This process will ensure better shot to shot accuracy.

WARNING! Failure to swab the barrel as instructed before reloading could leave hot residue in the barrel which could result in accidental discharge during reloading.

WARNING! There are many black powder substitutes available. Read and follow all instructions and warnings provided by the manufacturer of the propellant you choose. Use and care instructions do vary from one manufacturer to another and from one product to another.

Blackhorn 209 Powder

Bolt Action: DO NOT exceed 120 volumetric units of Blackhorn 209

Bighorn: DO NOT exceed 100 volumetric units of Blackhorn 209

Littlehorn: DO NOT exceed 80 volumetric units of Blackhorn 209

TK2000: DO NOT use Blackhorn 209.

* Do not use Blackhorn 209 with flintlock, #11 percussion or musket caps.

Recommended Loads

Recommended Loads

Knight® Rifles are designed to perform best between 90 and 150 grains of Black Powder, and industry approved black powder substitutes. See maximum recommended load for specific models. **WARNING! Never use smokeless powder. It can cause your muzzleloader to explode.**

When determining the best load for your Knight® Rifle, follow these steps:

- 1.) Determine which game you intend to hunt and what bullet weight you intend to use. (see page 10) **WARNING! Knight® Rifles does not recommend the use of non-saboted lead projectiles, this includes patched round balls. These bullets can easily be moved from the powder charge. This will result in an obstructed barrel, and upon firing, could cause an explosion. If you choose or legally have to shoot non-saboted lead projectiles, always check that your projectile is properly seated immediately before priming and firing.**
- 2.) Sight in your rifle. Start with 100 grains of Black Powder and industry approved black powder substitutes, loose powder or pellets. If you don't achieve the desired results, go up or down in 10 grain increments and try sighting again.

Load Chart

The following chart is intended to be used as a reference to assist you in determining what Knight bullet to use for what game. It is for reference only. You should ultimately decide what works best for you. All bullets are assumed to be in **Knight's® High Pressure Sabots™**.

GAME SIZE	BULLET WEIGHT	LOAD	POWDER TYPE
Antelope, Whitetail, Mule Deer	.45 cal = 175, 195 Red Hots	120-150	Loose or Pelletized Powder
	.50 cal = 250, 300 Red Hots	100-150	Loose or Pelletized Powder
	.50 cal = 245, 285 Spitzer Boat Tails	100-150	Loose or Pelletized Powder
	.52 cal = 275, 350, 375 Red Hots	130-150	Loose Powder ONLY
	.50 cal = 310 Lead	90-120	Loose or Pelletized Powder
	.50 cal = 260 Jacketed Hollow Point	90-120	Loose or Pelletized Powder
	.50 cal = 250, 290 Polymer Tip	100-150	Loose or Pelletized Powder
Elk, Caribou, Moose	.50 cal = 250, 300 Red Hots	100-150	Loose or Pelletized Powder
	.52 cal = 275, 350, 375 Red Hots	130-150	Loose Powder ONLY
	.50 cal = 285 Spitzer Boat Tails	100-150	Loose or Pelletized Powder
	.50 cal = 310 Lead	90-120	Loose or Pelletized Powder
	.50 cal = 300 Jacketed Hollow Point	90-120	Loose or Pelletized Powder
	.50 cal = 250, 290 Polymer Tip	100-150	Loose or Pelletized Powder
Big & Dangerous Game	.52 cal = 350, 375 Red Hots	130-150	Loose Powder ONLY

1.) Knight® Rifles are designed to perform best with Black Powder FFg, and industry approved black powder substitutes.

2.) Smaller Bullet weights will provide flatter trajectory, but may not be as accurate as the heavier, longer bullets.

3.) Heavier bullets will give better penetration and more energy transfer and are more suited to heavier powder charges.

Ballistics Chart

100 Grains Triple 7 Pellets

150 Grains Triple 7 Pellets

Bullet Description	Range (yards)	Bullet Impact (inches)	Velocity (ft./sec.)	Energy (ft./lbs.)	Range (yards)	Bullet Impact (inches)	Velocity (ft./sec.)	Energy (ft./lbs.)
.45/175	0	-1.50	1625	1026	0	-1.50	2368	2176
Knight Red	50	1.23	1483	854	50	0.17	2174	1837
Hot Bullet	100	0.00	1354	713	100	0.00	1991	1541
Saboted	150	-5.99	1239	597	150	-2.37	1881	1284
M900578	200	-17.63	1151	515	200	-7.36	1657	1067
.45/195	0	-1.50	2086	1884	0	-1.50	2417	2529
Knight Red	50	0.47	1879	1529	50	0.16	2192	2080
Hot Bullet	100	0.00	1687	1232	100	0.00	1979	1695
Saboted	150	-3.57	1511	988	150	-2.39	1779	1370
M900580	200	-10.98	1354	794	200	-7.50	1594	1100
.50/245	0	-1.50	1689	1553	0	-1.50	2069	2329
Knight	50	1.49	1528	1270	50	0.86	1882	1927
Spitzer	100	0.00	1383	1041	100	0.00	1706	1583
Boattail	150	-6.05	1257	860	150	-3.85	1543	1296
M900592	200	-17.60	1154	724	200	-11.37	1397	1061
.50/250	0	-1.50	1719	1342	0	-1.50	2013	2249
Knight Red	50	1.45	1544	1343	50	0.81	1816	1831
Hot Bullet	100	0.00	1387	1068	100	0.00	1633	1480
Saboted	150	-5.98	1252	870	150	-4.15	1466	1193
M900590	200	-17.53	1143	726	200	-12.25	1320	966
.50/250	0	-1.50	1677	1562	0	-1.50	1991	2202
Knight	50	0.96	1522	1286	50	0.95	1814	1828
Polymer Tip	100	0.00	1382	1061	100	0.00	1649	1509
Boattail	150	-5.11	1260	882	150	-4.16	1496	1243
M900594	200	-15.25	1159	746	200	-12.21	1359	1026
.50/290	0	-1.50	1615	1681	0	-1.50	1944	2434
Knight	50	1.23	1484	1419	50	0.61	1792	2067
Polymer Tip	100	0.00	1365	1201	100	0.00	1648	1749
Boattail	150	-5.89	1260	1023	150	-3.81	1514	1477
M900595	200	-17.26	1171	883	200	-11.42	1392	1249
.50/300	0	-1.50	1545	1591	0	-1.50	1929	2480
Knight Red	50	1.84	1401	1308	50	1.04	1753	2049
Hot Bullet	100	0.00	1275	1082	100	0.00	1590	1685
Saboted	150	-7.20	1170	911	150	-4.49	1441	1384
M900591	200	-20.74	1088	788	200	-13.18	1309	1142
.52/275	0	-1.50	1729	1825	0	-1.50	2091	2669
Knight Red	50	1.19	1499	1372	50	0.55	1825	2033
Hot Bullet	100	0.00	1302	1036	100	0.00	1584	1531
Saboted	150	-6.21	1150	807	150	-4.08	1373	1152
M900582	200	-18.56	1044	666	200	-12.55	1203	883
.52/375	0	-1.50	1570	2052	0	-1.50	1938	3127
Knight Red	50	1.27	1471	1801	50	0.56	1807	2719
Hot Bullet	100	0.00	1379	1583	100	0.00	1683	2357
Saboted	150	-5.68	1295	1396	150	-3.68	1565	2040
M900586	200	-16.52	1220	1240	200	-10.97	1456	1765

Adjustments

Trigger Adjustment

WARNING!

All trigger and sear adjustments must be made by the factory or a certified gunsmith only. incorrect adjustments can increase the risk of accidental discharge. Do not reduce trigger pull to less than three pounds, as this increases the risk of an accidental discharge. Creation of a lower trigger pull is an unauthorized alteration and is a misuse of the product. Any and all alterations voids warranty.

Bighorn, Wolverine, TK2000, DISC Extreme & Long Range Hunter

The DISC Extreme, Knight Bighorn, Wolverine, and TK2000 have crisp adjustable triggers that have been set at the factory for a clean release at approximately 3 1/2 pounds.

Knight Vision and Knight Revolution

The Knight Vision and Knight Revolution triggers are not adjustable.

Knight Rolling Block (KRB7)

The Knight Rolling Block trigger is adjustable for pull weight only.

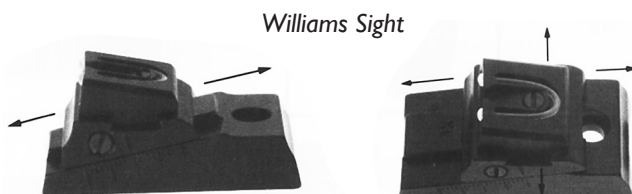
Sighting In

To shoot your rifle accurately, your rifle needs to be sighted in for your personal sight picture. Follow the loading procedures on pages 9-12 to sight your rifle accurately. Before loading and firing, be sure to read “General Loading and Firing” on page 9 and the section related to your particular model.

We recommend beginning “sight-in” at 50 yards, maintaining a point of impact 2” above the center of the bullseye. Then move to 100 yards for your final sight.

Your rifle’s sights can be adjusted by moving the rear sight. To make your rifle shoot higher, move the rear sight higher. To make your rifle shoot lower, move the rear sight lower. When you want to move the impact of the projectile to the right, move the rear blade to the right. Regardless of the sight you have or its method of adjustment, move the rear sight in the direction you wish the impact of the projectile to move. Do not over tighten your sight screws.

All Knight® Rifles are drilled and tapped for easy mounting of scope rings and bases. When sighting in a scope, follow the manufacturer’s directions. Scope mounts are recommended by rifle model.



Breech Plugs

All Knight® Rifles are equipped with a removable breech plug for easier cleaning. The breech plug should be removed at the end of each shooting session for a thorough cleaning of the bore and breech area. Knight® Rifles manufactures several styles of breech plugs, and you should familiarize yourself with the one in your rifle.

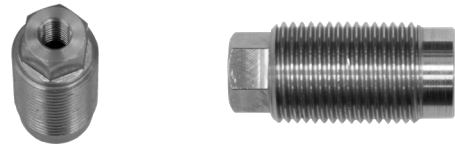
WARNING! Using the wrong breech plug may cause the breech plug to blow out the back of the muzzleloader. When in storage or in use, the breech plug must always have high temperature synthetic grease, such as **Knight's® Breech Plug Grease™**, applied to the threads. This will help prevent the breech plug from becoming stuck in the receiver. Apply plenty of grease to all of the breech plug threads.

We have redesigned some of our breech plugs to better accommodate today's modern black powders. The fixed vent breech plug provides 40% longer life and drastically less blowback. **The vent liner is fixed and non-removable.**

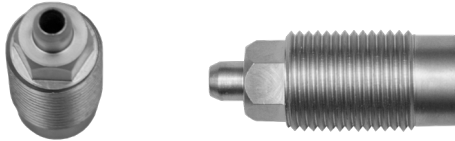
Knight® Mountaineer™
.45, .50, .52 Caliber
1 1/16" Bare 209 Primer w/Vent Liner
M900020



Knight® DISC™ Western
.50 Caliber
#11 or Musket Cap
M900611



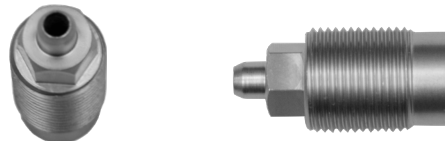
Knight® Mountaineer™
.45, .50, .52 Caliber
1 1/16" Full Plastic Jackets w/Vent Liner
M900018



Bighorn™, TK2000™
Littlehorn™
.50 Caliber, 5/8" - 18
#11 & Musket, Nipple Use
M900023



DISC Extreme™, LRH™
.45, .50, .52 Caliber, 1 1/16"
209 Primer w/FPJ w/Vent Liner
M900024



Knight Vision™ .50

Left hand conversion instructions, please call Knight.

Action: Right Handed Quick Detachable Trigger Carriage Assembly, Removable Stainless Steel Breech Plug.

Ballistics/Recommended Loads: see page 13

Barrel: Full Plastic Jacket™, 209 Primer, Bare Primer conversion M900046

Included In Package: Hex Head Combo Tool, Plug Screws, Breech Plug Jag and Extension, and Owners Manual.

Length and Weight: 44 inches, 7.9 pounds

Loading: General (see page 9)

Powder: Black Powder, and industry approved black powder substitutes. (Maximum Powder Charge) 150 grains by Volume, in loose FFg or the pelleted powder FFg.

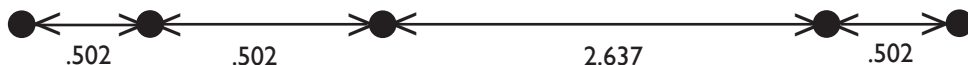
Recommended Scope Mounts: Weaver Ring/Base Sets, #M900775, #M900776, and One Piece Base and Rings #M900777.

Sights: Fully Adjustable Metallic Red Fiber Optic Rear Sight and a one piece Green Fiber Optic Bead and base. Receiver drilled and tapped for easy scope mounting.

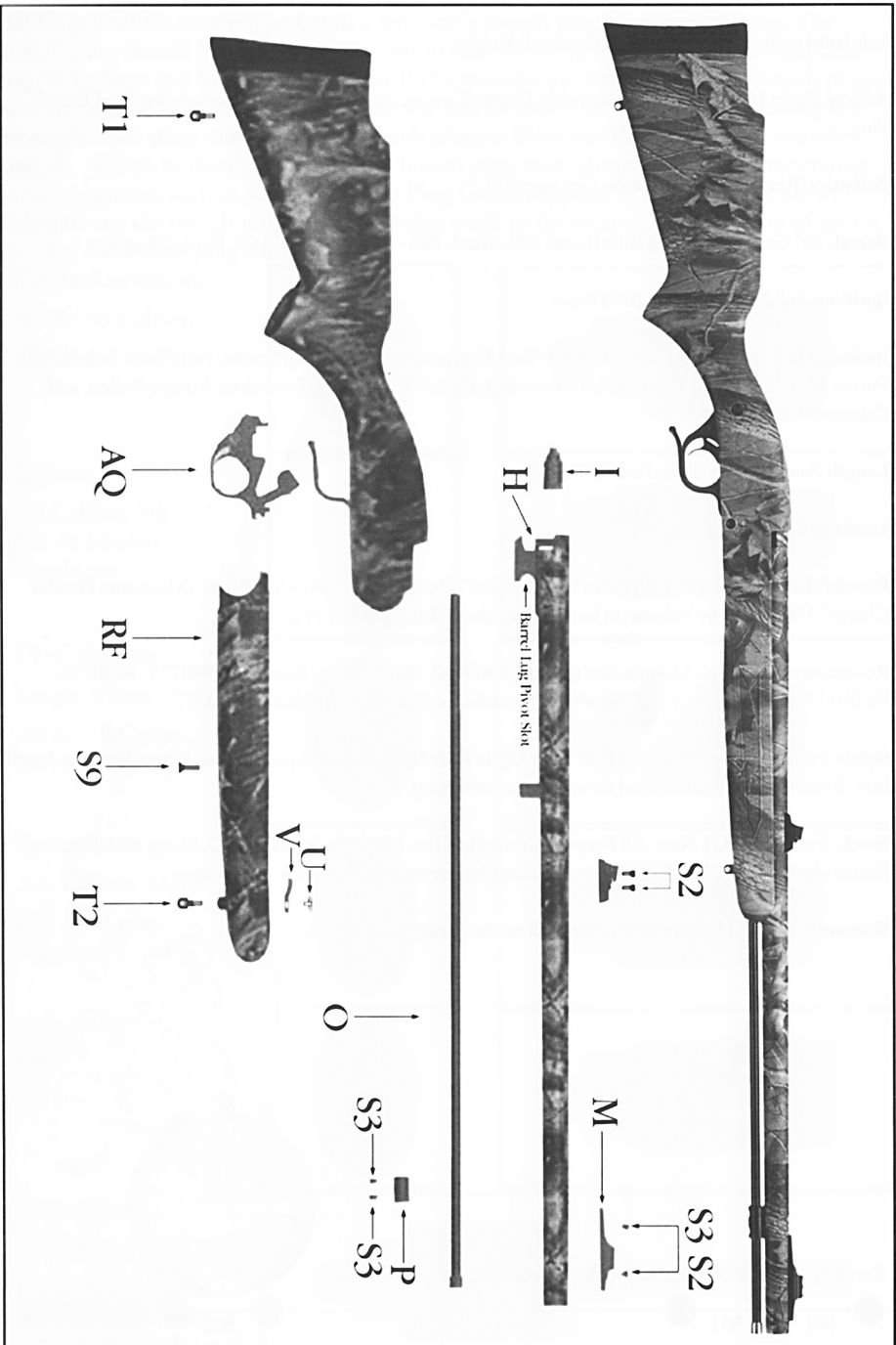
Stock: Forestock - G1 Next, All Purpose Green, RealTree Hardwoods Green HD, Mossy Oak Break-Up Rearstock - G1 Next, All Purpose Green, Camo 1 piece overmolded stock and receiver.

Warranty: Limited Lifetime with extended service policy. (See pages 30-32)

Receiver Hole Spacing for Scope Base Mounting



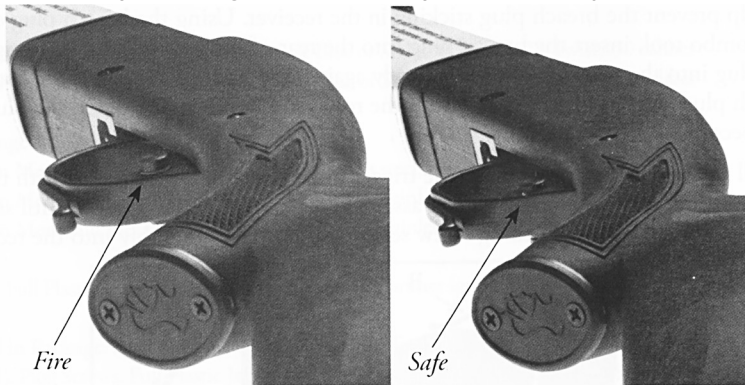
Knight Vision™ .50



Knight Vision™ .50

Safety System

The Knight Vision has only one safety system, a cross-bolt safety system. To lock the trigger, push the safety to the right. Push the safety to the left, to put the rifle in the *fire* position.



Disassembly and Assembly

WARNING!

Be sure rifle is not loaded or primed before disassembly or assembly.

Study the rifle schematic and acquaint yourself with the different parts and terminology of your muzzleloader before assembling or disassembling. Letters and numbers in parentheses refer to labels on each rifle schematic for each model.

It is advisable to use a padded vise to remove and reinstall the breech plug. Place small parts in a pan to avoid losing them.

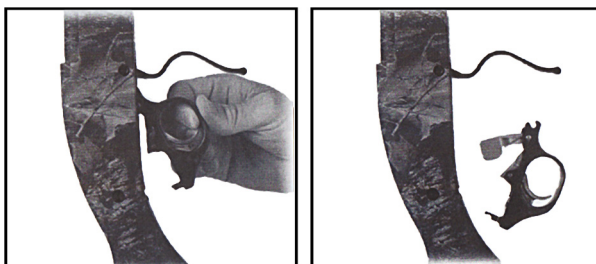
Disassemble

- 1.)** Remove the trigger assembly. Remove the mechanism locking screw (Photo #1 - Letter A, see next page) found just above the trigger safety. Pull the trigger down and out of the receiver; the break-open release lever (Photo #1 - Letter B) will open the trigger to be taken out easily.
- 2.)** Remove the breech plug. Pull the break open latch to open the rifle and expose the breech plug. With your finger, pull the extractor toward you, it will fold down and out of the way of the plug opening. Insert the combo tool (breech plug wrench side) into the receiver; engage the plug (part 1) and turn it counterclockwise until it slides out of the receiver. If more force is required, a hole in the combo tool allows for the use of a rod for added leverage. Put the plug in a jar of **Knight Solvent** for a few minutes while cleaning the barrel.
- 3.)** Remove the forearm stock. By using the screwdriver end of the combo tool, take out the stock screw located on the underside of the stock. The stock and barrel easily separate.
- 4.)** Remove the barrel. With the forestock off, the barrel will pivot off the receiver. Pull the barrel up and out to release it from the receiver.

Knight Vision™ .50

Assembly

- 1.) Install the breech plug. Fill the threads of the plug with Knight Breech Plug Grease to help prevent the breech plug sticking in the receiver. Using the breech plug end of the combo, insert the breech plug into the rear of the receiver and hand tighten the plug into the receiver, until it is firmly against the back of the barrel. Be sure the breech plug is screwed all the way into the receiver. Do not over tighten the plug or it will become difficult to remove.
- 2.) Install the trigger assembly. Align the trigger pivot with the receiver cross bolt. Rotate the trigger assembly back up into the receiver until snug. Replace the mechanism locking screw securing the trigger assembly into the receiver.



- 3.) Attach the barrel and stock. Align the barrel lug's pivot slot with the receiver cross bolt and rotate the barrel upward until locked in place. Put the forestock up against the bottom of the barrel and slide it down onto the receiver. Using the screwdriver end of your combo tool, firmly reattach the stock screw through the forestock into the stock lug on the barrel.

209 Conversion Non-Full Plastic Jacket Breech Plugs

The KnightVision can be converted to use 209 primers without the DISC Full Plastic Jacket.

- 1.) Remove the old breech plug from the rifle, and extractor.
- 2.) Generously grease the new breech plug with breech plug grease.
- 3.) Insert the new breech plug utilizing the existing combo tool.



MFG# M900046

Knight Vision™ .50 Western Ignition

The KnightVision is now offered in a Western legal version. It is Western ready for legal use in Washington, Oregon and Idaho and is 100% American made.



Vision Max I Break Action Muzzleloader

MFG# MKVW04MX

Part Ref.	Model No.	Description
A	M090215	HAMMER ASSEMBLY, 5/8 .50, MS, BIGHORN, TK2000, USAK, W209
AD	M090232	BOLT ASSEMBLY, SS, DISC EXTREME (C-toolless)
AD	M090223	BOLT ASSEMBLY, SS, Jeweled, MHL DISC EXTREME (C-toolless)
AQ	M090267	VISION TRIGGER ASSEMBLY
B	M000871	HAMMER SCREW, MS, 10-32 X 3/8 allen head, BIGHORN, MHL DISC EXTREME, TK2000, USAK, W209
B	M000881	HAMMER SCREW, SS, 10-32 X 3/8 allen head, MHL DISC EXTREME
C	M090850	SECONDARY SAFETY, SS, MHL DISC EXTREME
C	M090860	SECONDARY SAFETY, SS, MHL DISC EXTREME
CI	M008417	SAFETY BUTTON ASSEMBLY, REVOLUTION, VISION
D	M090810	END CAP, MS, BIGHORN, TK2000, USAK, W209, W209 YOUTH
DD	M000688	DISC BOLT BODY, SS, DISC EXTREME
DD	M000695	DISC BOLT BODY, SS, MHL DISC EXTREME (Jeweled)
E	M000813	END CAP O-RING, BIGHORN, TK2000, USAK, W209
F	M000796	HAMMER SPRING, ALL DISC RIFLES
F	M000785	HAMMER SPRING, BIGHORN, TK2000, USAK, W209
G	M000718	HAMMER RAW, 416 SS, 5/8, BIGHORN, TK2000, USAK, W209
I	M900024	BREECH PLUG, SS, 11-16, 45-50 Cal., DISC EXTREME, MHL DISC EXTREME, VISION
I	M900042	BREECH PLUG, SS, 11-16, 52 Cal., BIGHORN, DISC EXTREME, EVOLUTION
I	M900021	BREECH PLUG, SS, 5/8, 50 Cal., (EXTREMES), BIGHORN, TK2000, USAK, W209
I	M000614	BREECH PLUG, KRB
I	M000621	BREECH PLUG, SS, 50 Cal., BIGHORN, #11 & MUSKET NIPPLES
I	M000624	BREECH PLUG, SS, 11-16, 52 Cal., BIGHORN, #11 & MUSKET NIPPLES
I	M000634	BREECH PLUG, SS, 11-16, 54 Cal., From EXTREME KIT 900604
I	M000636	BREECH PLUG, SS, 11-16, REVOLUTION
H	M090807	EXTRACTOR ASSEMBLY, For Full Plastic Jacket, VISION

Part Ref.	Model No.	Description
L	M008814	SIGHT, Rear Assembly (Base & Fiber Optic Blade, Screws) Fits all Knight Rifles
L	M008801	SIGHT, Rear Assembly (Base & Black Blade, Screws) Composite, USAK
L	M090092	SIGHT, Rear Assembly (Base & Black Blade Screws) 2005 BIGHORN Assy. Kit
M	M900175	SIGHT, Front Green Fiber Optic (1 Piece Base & Bead) Fits all Knight Rifles
M	M008725	SIGHT, Front Base & Fiber Optic Bead, Composite, USAK
M	M008818	SIGHT, 1 Piece Front, Non-Fiber Optic, Metal, 2005 BIGHORN Assy. Kit
MI	M008762	SIGHT, Front Fiber Optic Green Bead, Composite, USAK
O	M900084	RAMROD, 22" STD, USAK, W209, W209 YOUTH
O	M900085	RAMROD, 24" STD, VISION
O	M900088	RAMROD, 26" STD, BIGHORN, DISC EXTREME, REVOLUTION, W209, KRB
O	M010107	RAMROD, 26" with Extending .45 Jag, MHL DISC EXTREME
O	M010100	RAMROD, 26" with Extending .50 Jag, MHL DISC EXTREME
O	M010098	RAMROD, 26" with Extending 12 Gauge Jag, TK2000
P	M000890	RAMROD GUIDE, Composite, BIGHORN, TK2000, USAK, VISION, W209, KRB
P	M090891	RAMROD GUIDE, MS, DISC EXTREME, KNIGHT REVOLUTION
P	M090901	RAMROD GUIDE, SS, DISC EXTREME, MHL DISC EXTREME, KNIGHT REVOLUTION
Q	M090262	TRIGGER ASSEMBLY, BIGHORN, TK2000, W209
Q	M090272	TRIGGER, ASSEMBLY, BIGHORN - LH, W209 - LH
Q	M090266	TRIGGER ASSEMBLY, DISC EXTREME
Q	M090277	TRIGGER ASSEMBLY, MHL DISC EXTREME
Q	M090265	TRIGGER ASSEMBLY, USAK, Non-Adjustable
R	M090106	STOCK, DISC EXTREME, Black Composite
R	M090193	STOCK, DISC EXTREME, LAMINATED, Black/Brown
R	M090501	STOCK, DISC EXTREME, Black Composite
R	M090503	STOCK, DISC EXTREME, Mossy Oak Break-Up
R	M090504	STOCK, DISC EXTREME, RealTree Hardwoods Green HD
R	M090129	STOCK, MHL DISC EXTREME, Laminated Black/Brown Thumbhole

Part Ref.	Model No.	Description
R	M090128	STOCK, MHL DISC EXTREME, Laminated Black/Brown Thumbhole - LH
R	M090126	STOCK, TK2000, RealTree hardwoods, Green HD
R	M090115	STOCK, USAK, Black Composite, Solid
R	M090181	STOCK, VISION forearm - RealTree Hardwoods Green HD
R	M090102	STOCK, BIGHORN, WOLVERINE 209, Black Composite
R	M090110	STOCK, BIGHORN, WOLVERINE 209, Black Composite, LH
R	M090107	STOCK, BIGHORN, WOLVERINE 209, Black Composite, Thumbhole
R	M090158	STOCK, WOLVERINE 209, Black Composite Youth, 12 1/2" Pull Length
R	M090104	STOCK, BIGHORN, WOLVERINE 209, Mossy Oak Break-Up
R	M090101	STOCK, BIGHORN, WOLVERINE 209, RealTree Hardwoods Green HD
RF	M090184	STOCK, VISION Forearm - Mossy Oak Break-Up
RF	M090182	STOCK, VISION Forearm - RealTree Hardwoods Green HD
RF	M090149	STOCK, REVOLUTION/KRB Forearm - Laminated Black/Brown
RF	M090146	STOCK, REVOLUTION/KRB Forearm - Walnut
RF	M090162	STOCK, REVOLUTION/KRB Forearm - Black Composite
RF	M090154	STOCK, REVOLUTION/KRB Forearm - Mossy Oak Break-up
RF	M090168	STOCK, REVOLUTION/KRB Forearm - RealTree Hardwoods Green HD
RR	M090150	STOCK, REVOLUTION/KRB Rear - Laminated Black/Brown
RR	M090134	STOCK, REVOLUTION/KRB Rear - Walnut
RR	M090163	STOCK, REVOLUTION/KRB Rear - Black Composite
RR	M090155	STOCK, REVOLUTION/KRB Rear - Mossy Oak Break-Up
RR	M090170	STOCK, REVOLUTION/KRB Rear - RealTree Hardwoods Green HD
S1	M090253	SCREW, Plug Screw, MS, 6-48
S2	M010030	SCREW, Sight, 6-48 x .260
S3	M010020	SCREW, Sight, 6-48 x .160
S4	M010022	SCREW, Sight, 6-48 x .197
S5	M010010	SCREW, Sight, 6-48 x .130

Part Ref.	Model No.	Description
S6	M010008	SCREW, Barrel Mounting, 1/4-20 x 1 1/8 Hex Head, KNIGHT REVOLUTION/KRB
S7	M008700	SCREW, Trigger Mounting, 10-32 x 1/2, ALL RIFLES (Except Revolution & Vision)
S8	M010140	SCREW, Trigger Guard, Wood Screws, ALL RIFLES, VISION GRIP CAP
S9	M010210	SCREW, Stock, 1/4-20 x 1, ALL RIFLES (Except KNIGHT REVOLUTION/KRB)
S9	M010006	SCREW, Stock Forearm, 10-32 x 1/2, KNIGHT REVOLUTION/KRB, VISION
S10	M000899	BOLT, Stock Rear, 5/16-24 x 3, Socket Head, KNIGHT REVOLUTION/KRB
S11	M010025	SCREW, Sight, 6-48 x 6.1mm
S12	M010055	SCREW, Sight, 6-48 x .380
S14	M008462	SCREW, Quick Release Detent, DISC EXTREME, MHL DISC EXTREME
T1	M010159	SWIVEL STUD, Rear, QD std wood screw, SS, MHL Laminated
T1	M010160	SWIVEL STUD, Rear, QD std wood screw, MS, all other stocks
T2	M010149	SWIVEL STUD, Front, QD, 3/8 mach screw, SS, MHL Laminated
T2	M010150	SWIVEL STUD, Front, QD, 3/8 mach screw, MS, all other stocks
U	M010232	BASEWELD NUT, 10-32 Front Swivel Stud, All Stocks
V	M010242	RAMROD SPRING LEAD, all stocks
W	M010120	TRIGGER GUARD, Black Composite, BIGHORN, TK2000, USAK, W209
W	M010130	TRIGGER GUARD, MS, DISC EXTREME
W	M010132	TRIGGER GUARD, SS, MHL DISC EXTREME
X	M010202	STOCK BUSHING SCREW, MS, .250
Z	M090089	CHOKE TUBE, MS, Extra Full
Z	M090088	CHOKE TUBE, MS, Modified
Z	M090087	CHOKE TUBE, MS, Extra Full Compensated
	M090217	ACCESSORY KITS, MHL DISC EXTREME, .45
	M090219	ACCESSORY KITS, MHL DISC EXTREME, .50
	M090279	ACCESSORY KITS, DISC EXTREME, .45
	M090274	ACCESSORY KITS, DISC EXTREME, .50
	M090249	ACCESSORY KITS, DISC EXTREME, .52

Knight Parts™

Part Ref.	Model No.	Description
	M090325	BARREL ASS'Y W/LUG BLUED KNIGHT SHADOW
	M000302	BARREL .50 CAL. 26" ALLOY
	M000175	BREECH LOCK
	M000195	BREECH LOCK SPRING
	M000134	FIRING PIN RETAIN, SET SCREW 10-32 THREAD
	M008805	FRONT SIGHT
	M008814	REAR SIGHT
	M010030	SIGHT SCREWS 6-48 X .260 (3X)
	M010020	SIGHT SCREWS 6-48 X .160 DEVALUED (3X)
	M000890	MOLDED RAMROD GUIDE
	M000617	BREECH PLUG 11/16-20 NON-FPJ
	M090044	FOREARM ASSEMBLY KNIGHT SHADOW
	M004426	FOREARM COMPOSITE
	M000145	RAMROD RETAINER
	M000147	SWIVEL STUD
	M010210	FOREARM RETAINING SCREW 1/4-20 X 1
	M097100	RECEIVER ASSEMBLY
	M007100	RECEIVER
	M000176A	KNURL PIN 1/8 X 1-7/16 BLUED FINISHED PART
	M000176	KNURL PIN 1/8 X 1-4/16 (3X)
	M000177A	KNURL PIN .315 X 1.437 BLUED FINISHED PART
	M000177	KNURL PIN .315 X 1.437 (1)
	M097300	BREECH FACE INSERT ASSEMBLY
	M000181	BREECH FACE INSERT
	M000182	FIRING PIN
	M000789	FIRING PIN RETAINING SPRING
	M000553	EXTRACTOR RETAINING SET SCREW
	M000657	3/32 X 3/4 ROLL PIN (SLOTTED)
	M097200	FIREGROUP ASSEMBLY
	M007200	TRIGGER GUARD
	M000193	DOWEL PIN, 3/16 X 5/8 (1)
	M000192	DOWEL PIN, 1/8 X 5/8 (3)
	M000183	TRIGGER

Part Ref.	Model No.	Description
	M000179	SEAR
	M000753	TRIGGER SEAR PIN KNIGHT SHADOW/KRB
	M000804	TRIGGER RETURN SPRING
	M000178	HAMMER
	M000191	HAMMER PUSH ROD
	M000190	HAMMER RETURN SPRING
	M000180	PIVOTING BREECH BAR
	M000194	DECOCKER SPRING
	M090045	REAR STOCK ASSEMBLY
	M004427	REAR STOCK
	M000198	1/4-20 X 2 SOCKET HEAD CAP SCREW BLK. OX.
	M000170	FLAT WASHER 17/64 ID X 9/16 OD
	M008436	GRIP CAP
	M010140	GRIP CAP SCREWS (2X)
	M010160	SWIVEL STUD
	M010267	RECOIL PAD
	M000171	#8 X 1" WOOD SCREWS (2X)
	M090292	ACCESSORY KIT KNIGHT SHADOW
	M090976	COMBO TOOL, BLUED
	M008205	HAMMER/ROLLING BLOCK SPUR
	M000197	SEAR SPRING .180 X 1.00
	M010081	RAMROD 24" STANDARD
	M010111	RAMROD INSERT A
	M010112	RAMROD INSERT B
	M010114	RAMROD SHAFT 23.45"

Knight Parts™

Part Ref.	Model No.	Description
	M090282	ACCESSORY KIT, BIGHORN, .50
	M090287	ACCESSORY KIT, BIGHORN, .52
	M090238	ACCESSORY KITS, REVOLUTION, VISION
	M090284	ACCESSORY KIT, .52 caliber, REVOLUTION
	M090701	ACCESSORY KIT, TK2000
	M090255	ACCESSORY KIT, USAK
	M090700	ACCESSORY KIT, WOLVERINE 209
	M090238	ACCESSORY KIT, KRB
	M120111	ALLEN WRENCH, 5/32
	M000976	COMBO TOOL, 5.5" Hex/Screw driver headed, KNIGHT REVOLUTION/KRB, VISION
	M090977	COMBO TOOL, 5.5" Hex/Nipple Headed, BIGHORN
	M090978	COMBO TOOL, 5.5" Hex Head Only, EXTREMES, WOLVERINE 209, DISC, TK, USAK
	M090233	DISC EXTREME BOLT SUB-ASSY, C-Toolless, MS, DISC EXTREME
	M090224	DISC EXTREME BOLT SUB-ASSY, C-Toolless, SS, MHL DISC EXTREME
		INSTRUCTIONAL DVD (Call Knight for VHS)
		OWNER'S MANUAL

Service Policy

Every Knight® muzzleloader is carefully inspected and tested in order to ensure that it conforms to Knight's® strict specifications and standards.

Any alteration, modification, misuse, repair, or refinishing will result in voiding the warranty. If there is any question regarding the performance of your muzzleloader, please write our Service Department, fully describing all circumstances and conditions involved. If our Service Department makes the determination that your muzzleloader requires factory service you will be so advised and will be given instructions for the most expeditious handling of your muzzleloader.

Our Service Department will give your muzzleloader a complete inspection and evaluate the problem(s) specified in your letter. If the work required is not covered under the terms of our Limited Lifetime Warranty or Limited Lifetime Warranty with Extended Service Policy, you will receive an actual cost quotation, not an estimate. Any repair work must be authorized by you, and no work will be done without your express approval.

Instructions for Return

Following these instructions will ensure you the best possible service. IF for any reason you should have to return the muzzleloader, **please use extreme caution and make certain that it is unloaded.**

- 1.) Package the muzzleloader securely to prevent damage in transit.
- 2.) Ensure that a letter is securely and obviously attached to the muzzleloader. This letter should include your full name, address, and telephone number where you may be reached both during normal business hours and at your residence. Include a thorough description of the problem that you encountered with your muzzleloader so that we may make proper repairs. Please make your letter as clear as possible (using diagrams, if possible); please write or print legibly or have the letter typed. If you prefer, you may call Knight Rifles at the number listed below or e-mail at **customer_service@knightrifles.com.**
- 3.) Send your muzzleloader prepaid UPS or UPS Standard Post insured to the address listed below. C.O.D. shipments will not be accepted.

If you need further help or information concerning this warranty, please write or call the Knight® Rifles Service Department at the following address:

Knight Rifles®
21822 Hwy. J46
Centerville, IA 52544
Telephone: (641) 856.2624 ext. 104
Web Site: Muzzleloaders.com

Knight Rifles®
213 Dennis St.
Athens, TN 37303
Telephone: (866) 518.4181
E-mail:
customer_service@knightrifles.com

Knight Warranty™

Warranty Limitations

Knight products are sold by us with the specific understanding that we are not responsible in any manner whatsoever for their safe handling or resale under local, state, and federal laws and regulations. Knight Rifles shall not be responsible in any manner whatsoever for malfunctioning of the muzzleloader, for physical injury, or for property damage resulting in whole or in part from:

- 1.) Accidental or negligent discharge
- 2.) Improper or careless handling
- 3.) Unauthorized modifications
- 4.) Defective or improperly loaded powder or projectile
- 5.) Corrosion
- 6.) Neglect
- 7.) Other influences beyond our direct and immediate control.

This limitation applies regardless of whether liability is asserted on the basis of contract, negligence, or strict liability (including failure to warn). **Under no circumstances shall Knight Rifles be liable for incidental or consequential damages, such as loss of use of property, commercial loss, and loss of earning profits.**

Knight Rifles is not responsible for any alterations to your Knight Muzzleloader™ or any part thereof after it leaves our control, or for the additional substitution of parts or accessories not manufactured by Knight Rifles. Any changes made in this product are specifically contrary to our instructions, and we are expressly do not authorize any changes to be made after manufacture. **Any alteration will result in voiding the warranty.**

If you need further help or information concerning this warranty, please write or call the Knight Rifles Service Department at the following address:

Knight Rifles®
21822 Hwy. J46
Centerville, IA 52544
Telephone: (641) 856.2624 ext. 104
Web Site: Muzzleloaders.com

Knight Rifles®
213 Dennis St.
Athens, TN 37303
Telephone: (423) 744.1200
E-mail:
customer_service@knightrifles.com

Limited Lifetime Warranty Extended Service Policy (Mountaineer™, DISC Extreme™, Bighorn™, Littlehorn™, TK2000™, Long Range Hunter, Wolverine™)

Year 1:

Knight® Rifles will repair or replace any defective part caused by defective materials/craftsmanship.

Year 2-5 (extended service policy - Mountaineer™, DISC Extreme™, Bighorn™, Long Range Hunter™, TK2000™, Littlehorn™):

Knight® Rifles will replace or repair any defective threaded parts caused by defective material/craftsmanship.

Lifetime:

Knight® Rifles will replace or repair a defective barrel or receiver caused by defective material/craftsmanship.

Warranty Limitation:

- Warranty begins at the original date of purchase
- Warranty applies only to normal use
- Warranty only applies to original purchaser
- Warranty does not apply to wear items such as nipples, breech plugs

Warranty is Void if:

- Serial number is defaced
- There is a defect due to damage or product alteration
- Product is not used in accordance with use and care instructions
- Rifle is not cleaned per owner's manual
- Knight® Rifles is not responsible for any incidental or consequential damages

Owners Responsibilities:

- Provide proof of purchase (sales invoice/canceled check/warranty card/UPC code)
- Normal care and maintenance
- Replacing owner replaceable items
- Shipping/handling and insurance on a factory return
- Normal cleaning as instructed per owner's manual

No other warranties. To the maximum extent permitted by applicable law, Knight® Rifles disclaims all other warranties, either express or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose.

KNIGHT RIFLES MAKES NO REPRESENTATION OR WARRANTY THAT ITS PRODUCT EXTENDS A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Knight Warranty™

This limited warranty gives you specific legal rights. You may have others which vary from state/jurisdiction to state/jurisdiction.

No Liability for Consequential Damages. To the maximum extent permitted by applicable law, in no event shall Knight® Rifles or its suppliers be liable for any damages whatsoever (including, without limitation, special, incidental, consequential, or indirect damages for personal injury or any other pecuniary loss) arising out of the use of or inability to use this product, even if Knight® Rifles has been advised of the possibility of such damages. In any case, Knight® Rifles' and its suppliers' entire liability under any provision of this agreement shall be limited to the amount actually paid by you for the product. Because some states/jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have others which vary from state to state. For example, some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion may not apply to you.

Do not return your muzzleloader to the store.

Most problems can be resolved by simply calling Knight® Rifles at (641) 856-2624, ext. 104. Should your firearm require adjustment, repair, or refinishing, we strongly recommend that it be returned to Knight® Rifles for factory service or contact the dealer you purchased your rifle from.

Knight® Rifles • 21822 Hwy. J46 • Centerville, IA 52544.

Disclaimer: Knight® Rifles are designed for use with Black Powder, and industry approved black powder substitutes. Our products are designed specifically for use on Knight® rifles. Knight® Rifles expressly disclaims any and all liability for incidental or consequential damages due to the misuse or altering of these rifles and products; any mishandling (whether accidental or purposeful) of these rifles and products; exceeding the maximum load recommendations; or for rifles on which our products have been installed.



KNIGHT[®]
AMERICA'S MUZZLELOADER

213 Dennis St.
Athens, TN 37303
866.518.4181

21822 Hwy J46
Centerville, IA 52544
641.856.2624

Muzzleloaders.com

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