

PRECISION RIFLE

CUSTOM MUZZLELOADER BULLETS

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Large Rifle Primer VariFlame (LRVF) Breech Plug Conversion

The enclosed breech plug has been manufactured to utilize our Large Rifle Primer VariFlame ignition system. They are manufactured to our specifications from # 416 stainless steel. The LRVF adapters are manufactured from #316 stainless steel for a lifetime of use. They are designed to accept any make of Large Rifle primer. LRVF adapters fit the .22 Hornet sized shell holder for use with a reloading press or a hand priming tool.

INSTALLING THE BREECH PLUG: To install your new breech plug, you must remove the extractor of the Encore. All others will simply screw into the barrel. We recommend applying a thin layer of grease or anti-seize to the threads of your new breech plug before screwing it into the barrel.

REMOVING THE BREECH PLUG: To prevent damage when removing the breech plug after use, we recommend that you place a LRVF with a spent primer into the breech plug and close your gun. Then squirt some cleaner down your barrel and stand your gun on its butt to soak for 10-20 minutes. This will allow the cleaner to break down the crud at the bottom of the barrel. This will allow for easy removal. A 7/16" six point socket works best for removal. This step is not necessary if you are shooting Blackhorn 209.

SPENT PRIMER REMOVAL: A primer removal tool can be as simple as a 1/16" diameter pin punch and a mallet. Be sure to place the LRVF on something like the shell holder so the spent primer has somewhere to go. You can also use a reloading press with a die and a .22 Hornet shell holder.

NEW PRIMER INSTALLATION: We use a LEE AUTO PRIME with a shell holder to prime the adapters. Any priming tool will work with the .22 Hornet shell holder. Any large rifle primer will work although we have achieved our best results with Federal Magnum Bench Rest primers. Large rifle magnum primers will give perfect ignition with all black powder replacements powders as well as smokeless.

If you have any questions or concerns, call me any time. Thank you and enjoy your new, LRVF ignition system.

Cecil Epp