

7. Remove the action from the water and pour the water from the bore.
8. Remove the breach plug and proceed to step 9. If the breach plug cannot be removed, attach a screw type bullet puller to the ramrod. Keep the ramrod directed away from your face and body while attempting to remove the projectile. Insert the ramrod with the attached bullet puller into the muzzle and twist the bullet puller into the bullet.

NOTE: Considerable force may be necessary to fully engage the bullet puller into the bullet.

Carefully pull the projectile out of the muzzle and wash the remaining saturated powder from the barrel. Omit steps 9 and 10 and go directly to step 11.

9. Thread the cleaning tube into the breach plug threads.
10. Keep the ramrod directed away from your face and body while removing the projectile and charge. Insert the ramrod, with extension and handle, from the muzzle and push the projectile along with any remaining saturated powder, through the cleaning tube. If the projectile and charge cannot be moved rearward, remove the cleaning tube from the breach bolt threads and wash away the saturated powder from the barrel. Rethread the cleaning tube into the breach. Again, keeping the ramrod directed away from your face and body, insert the ramrod with extension and handle through the cleaning tube and gently push the projectile through the barrel and out the muzzle.
11. Clean and lubricate the rifle as explained in the cleaning instructions beginning on this page.

WARNING: AN IMPROPERLY CLEANED AND LUBRICATED RIFLE MAY BE DANGEROUS AND COULD RESULT IN AN ACCIDENTAL DISCHARGE AND SERIOUS INJURY OR DEATH TO THE SHOOTER OR BYSTANDERS.

12. Reassemble the firearm.

Cleaning Instructions

Black powder and PYRODEX® are very corrosive. Failure to clean and lubricate your firearm will damage it and impair its function. Your firearm should receive a thorough cleaning and lubrication each time that it is shot or it is to be stored for more than a week.

WARNING: BE SURE THAT YOUR RIFLE IS UNLOADED PRIOR TO CLEANING. SEE PAGE 3. ATTEMPTING TO CLEAN A LOADED OR PRIMED FIREARM CAN CAUSE INJURY OR DEATH TO THE SHOOTER OR BYSTANDERS. See pages 18 and 19 to unload the firearm.

Periodic cleaning of the bore may be required during prolonged shooting sessions. The bore should be cleaned if the projectile becomes difficult to load and seat over the powder or if accuracy begins to degrade.

*See the procedure for **FIELD CLEANING** on page 22 for cleaning between shots.*

Use only Remington® All-Natural Bore Cleaner to clean your bore and use Remington Wonder Lube® paste for black powder to preserve the condition of your bore. Use only Remington Rem™ Oil to lubricate your trigger and bolt assembly. Use of other products is not recommended.

Prior to loading and shooting your firearm, it is necessary to thoroughly clean the bore to remove any residual oils that may cause the powder to foul and reduce accuracy. Using Remington All-Natural Bore Cleaner and cotton patches, repeat steps 9-16 on page 20, until the patches are visibly clean **before you ever shoot your rifle.** In order to attain the desired accuracy it is necessary to "season" or break-in the barrel. This is accomplished by the initial cleaning, followed by shooting approximately ten (10) consecutive rounds (preferably lead balls or copper-jacketed bullets). Repeating the cleaning steps 9-16 and again shooting ten (10) to twenty (20) rounds and again cleaning. The group sizes achieved by this process will decrease as more shooting, followed by cleaning and shooting your bore is done. Do not be discouraged if your initial group sizes are larger than expected.