

ACTION GUN WORKS

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New Rifle Instructions

Thank you for having us work on your gun. If a few simple break in procedures are followed the Rifle should give you years of accurate and trouble free service. If your Rifle was shipped VIA Federal Express the bolt or firing pin cartridge will be separated to make the gun inoperable to comply with their shipping regulations. You should also find a dummy round with the gun if your rifle has a non-standard chamber, this is to set up your loading dies to the correct initial overall length of the loaded round. **Do not shoot military surplus ammunition in this rifle.**

Your Rifle was test fired before it was shipped so the first thing you must do is clean it. We recommend that you use a good ammonia based solvent such as Barnes CR-10 or Sweets 7.62. You will also need a good gun oil preferably one with few additives but in any case do not use any that contain Teflon. You will need a good high-pressure grease such as Shooters Choice red gun grease to lube the locking lugs and other moving contact areas in the action. Do not over lube your rifle as this just collects dirt and accelerates wear. Always clean your barrel from the rear using a good bore guide. Do not let the jag touch the crown or accuracy will suffer.

Note; do not use abrasive bore cleaners such as JB paste, use only patches and new tight fitting bronze brushes. When using ammonia-based cleaners, discard your bronze brushes after one use, as they will now be worn out.

For best performance and less fouling over the life of the barrel it is necessary to follow a barrel break in procedure. After cleaning the barrel the first time to remove all traces of copper or bronze fouling (if using an Ammonia based cleaner this is indicated by the wet patches no longer coming out with a green or blue color). Shoot the gun and clean after each round for about the first 15 rounds. After this we recommend cleaning after each 3-5 shot group until you get to 50 rounds. At this point the barrel should be broke in sufficiently to allow firing 25 to 30 rounds between cleaning. If you notice a decrease in accuracy after a number of rounds then clean more often. If you use Moly coated bullets you may need to clean less often.

If your gun is equipped with a muzzle brake, check with us to see if it should be removed before cleaning the barrel (this is usually the case, call for removal instructions). Before reinstalling the brake examine the entry area to the exit hole in the brake for erosion. If the hole is eroded it is possible for the bullet to strike the brake. Any erosion found that projects toward the inside of the hole must be removed with a small round file before reinstalling the brake and firing the gun. Be very careful when filing out the obstruction not to enlarge or reshape the hole in the brake as accuracy could be adversely effected.

As always if you have any questions feel free to call me during business hours and I'll do my best to help. Phone hours are Noon to 4 PM Monday through Friday.