



## Bore Cleaning with 1<sup>st</sup> Choice Bore Cleaner

While there are many ways to clean the bore and internal/external components of a firearm, we will suggest one method of bore cleaning of rifles, based on our cleaning experience.

In the method described below, we have made several assumptions about the equipment used to perform this task. This includes the use of a quality one-piece cleaning rod, a proper fitting bore guide, properly sized patches and brushes along with some sort of cradle or stand to hold the firearm. These tools aid in completing the cleaning with the least amount of upset to the firearm.

1. Mount the firearm in a cradle or stand, preferably with the muzzle slightly lower than the breach end of the barrel.
2. Insert the appropriate bore guide and lock it into its correct position.
3. Apply a generous amount of 1<sup>st</sup> Choice bore cleaner to patch and push through the bore. Repeat this task 2 to 3 times to remove the carbon build up in the bore. The 3<sup>rd</sup> patch may still show some black discoloration which is fine, but it should be noticeably less than the first two patches.
4. Apply 1<sup>st</sup> Choice bore cleaner to a bronze or nylon brush and push it through the bore, stopping the stroke just as the last bristles leave the muzzle. This is to minimize the chance of the brush clearing the bore and the rod dropping down onto the crown edge of the barrel. Repeat the brush stroking for at least 10 passes in the bore. If using an older rifle or well-used barrel, it may be necessary to withdraw the rod/brush and apply additional solvent and repeat the brushing process.
5. It is time to patch out the bore contaminants generated by the solvent and brushing efforts. Saturate a patch with 1<sup>st</sup> Choice Bore Cleaner and pass it through the bore, this patch will show heavy discoloration. Repeat with a 2<sup>nd</sup> wet patch, if it also shows noticeable discoloration, repeat a third time.
6. Next patch out the bore with a couple of dry patches to remove all the solvents from the bore. This may take two or more patches depending on the condition of the bore being worked on.
7. We recommend that the bore be protected with some form of metal protectant to prevent moisture or condensation from rusting the bore. One product we recommend for this task is Eezox. (see [www accurateshooter.com](http://www accurateshooter.com) - Rust Fighters technical articles for additional information)

### Products we recommend for this process are:

- J. Dewey Products - one piece coated or stainless-steel rod, bore guides and muzzle guides.
- Plenty "O" Patches - 1<sup>st</sup> Choice Bore Cleaner (*do not freeze this product*), cotton patches, bronze or nylon brush.
- Eezox - metal cleaner, lubricant & protector.
- Bill Gammon Inc - Stokboot.

Note: One of the effects of water-based cleaners is that you may notice a slightly higher resistance while brushing the bore. This is due to reduced lubrication properties of water vs. petroleum-based products.

Protect stock finishes from prolonged exposure to prevent damaging the finish of the stock.