



Manufacturer of Gun Cleaning Supplies for Accuracy

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Rifle Barrel Break In by John Damarin

Why Break In a New Barrel? Breaking in a new barrel helps smooth out or burnish the bore which slows the accuracy robbing fouling process. It will help reduce the fouling long term for your barrel.

- **Always check to make sure firearm is unloaded!**

1) First you will need to remove the Bolt from Rifle and replace with Bore Guide. Using a Bore Guide will center the cleaning rod and keep all of the dirty fouling from getting trapped in your action/trigger.

2) Second, you will want to do a basic cleaning to all new rifles before shooting to remove an possible small metal particles from rifling left from manufacturing. Using a Spear Point Jag and Cleaning Patch you will Saturate the Barrel with 1 Step CLP before shooting the rifle, Use at least 8-12 saturated patches and let sit for 15 minutes or overnight even. Then saturate another 6 patches well and run a bore brush down the barrel 6-12 times. Then finish with dry patches until fouling is removed and you have white clean patches.

You are ready for your Rifle Barrel Break In

1) Shoot a factory round at the optimum rate of twist of your rifle and clean (both powder and copper). First, you will shoot 5 rounds at this time.

2) Secondly, shoot three shot groups and clean the same as above in #2 above. Do this 5 times.

3) Third, shoot 2 groups of 5 and repeat the cleaning process.

4) You should notice an absence of copper fouling and the groups should start to tighten up.

5) There are certain Rifle Barrels that will get tighter groups faster, it make take a couple boxes of ammo and precise hand loads to achieve your desired result.

****Special Note:** Will need to watch that the barrel doesn't get too hot. Ensure it cools down sufficiently between shots. In the single shots you might not have too much of an issue. However, in the 3 and 5 shot groups you may notice the barrel heating up. Heavy Varmint barrels take longer to get hotter, but also longer to cool down.

- The above are only recommendations, always follow firearm manufacturer instructions. There are many types of rifle barrel break in procedures that are used; however this is what I have found best to work for me.