

**Based on my unabashed belief that the combination of PatchWorm, PrOlix® and felt buttons is magic to provide the best available cleaning/break in solution for any gun.** \*Thanks to Team Member D.D., Victoria, BC, Canada

## **BREAK IN**

1. Field strip the gun
2. Run a super intensive felt cleaning button/pellet\* smeared with a paste type bore cleaner (J-B Bore Cleaner) slightly thinned with PrOlix® to make it easier to apply, through the barrel 5+ times. (This lapping process will smooth the barrel to reduce future cleaning). Clean excess bore cleaner from around chamber entrance with a toothbrush and PrOlix® to prevent the next step from bringing residual bore cleaner into the barrel. Run both sides of patches soaked with PrOlix® until patch is clean (2-3 times).
3. Run a plain felt button\* smeared with a paste type polishing compound (J-B Bore Bright) slightly thinned with PrOlix®, 5+ times (This polishing will reduce future cleaning). Clean excess bore bright from around chamber entrance with a toothbrush and PrOlix to prevent the next step from bringing residual bore bright into the barrel. Run both sides of a patch soaked with PrOlix®. If shooting immediately after then also run both sides of a dry patch.
4. Soak all the gun parts in PrOlix® for 20+ minutes or overnight if possible. With PrOlix® on a toothbrush brush off any contaminants.
5. Drip dry, assemble and sparingly lubricate with a tiny dap of Xtra-T™ Lube in each lubrication point recommended by the manufacturer, each contact point in the trigger assembly, the bolt rails, and all like it, as needed.
6. Take to range. Run both sides of dry patches through barrel, until patch is clean (2-4 times). Shoot 2, 4, 8, 16, 32, and 64 rounds (if you are patient also go with 128), each followed by running both sides of patches soaked in PrOlix® to remove the main grime, then steps 2 and 3 above.
7. To complete the break in, after the last above complete cycle, redo steps 1, 4, and 5.

The complete process takes about 2.5 hours, but you can do your sighting in at the same time to kill 2 birds with one stone. You can break up step 6 in 2 trips to the range.

## **NORMAL CLEANING PROCESS (After break in)**

Bring to range: Patchworm and 4 dry patches and 4 patches soaked with PrOlix®.

Before shooting: run Patchworm with both sides of dry patches until patch is clean (2-3 times).

Immediately after shooting while gun barrel is still warm: Use liberal PrOlix® on a toothbrush to quickly clean the inside of the breach, chamber entrance, bore face, exposed rails, and magazine lips only if necessary (But dry lips and follower with a rag after). Run Patchworm with both sides of patches soaked with PrOlix® through the barrel, until patch is clean (2-8 times). That's all.

## **COMPLETE ANNUAL CLEANING, AFTER 500+ ROUNDS, AND FOR LONG TERM STORAGE**

Do Barrel break steps 1- 5.

You can do steps 2 and 3 at the range and finish with steps 1, 4, and 5 at home.

For a badly soiled gun, use PrOlix® to loosen foreign material overnight before the above cleaning process.

With this break in process and the normal quick cleaning process after each shoot, the gun metal becomes silky smooth and stays so clean that the Complete cleaning interval can be continuously extended.

\* Note Felt buttons/pellets available at: <http://www.patchworm.com/patches-felts.html>  
or felt pellets at Brownells: <http://www.brownells.com/gun-cleaning-chemicals/patches-mops/cleaning-pellets/weapons-care-system-pellets-prod13839.aspx>

## **MAGAZINE MAINTENANCE**

Preventative maintenance does not really apply, but I soak the magazines in PrOlix® before use so the internals get a coating to reduce gunk sticking to it. To clean, I soak and then give a good shake to remove most gunk. One day I imagine that I will have to disassemble to remove a significant accumulation of gunk.

It seems to be a generally accepted recommendation that the follower and lips should not be lubricated. Therefore after any soaking in PrOlix® I wipe the outside and business end down to remove all excess PrOlix®.

## **BOLT**

It seems generally recommended that the firing pin in the bolt should not be lubricated, so I never put Xtra-T™ Lube near the firing pin. Only on the bolt where it slides on the receiver.

### **Xtra-T™ Lube:**

Remington 870: Moving parts in trigger group, action bars where go into receiver

Ruger 10/22: Rails for bolt, charge handle pin and spring, sear to trigger

Ruger Mini 14: Trigger assembly pivot, disconnecter & sear notch, gas pipe, operating rod only where it interacts with the button on the bolt, not on rest of operating rod nor bolt

<https://www.youtube.com/watch?v=tDsnGFrQuIA>

Glock: 4 slide rail cuts, barrel lug, barrel hood and slide contact, slide barrel opening, top of trigger bar under connector at extreme right rear (slide trigger bar to disperse oil, slide connector pin protrusion, NOT fire pin channel)

Ruger 22A: 4 points on slide.