

There is no "correct" way to clean a rifle, but there are certainly bad practices that can cause damage. This is only intended as a guide, you will develop your own method over time.

#### Cleaning rifle bore, chamber and bolt lug recesses

1. Remove Bolt if fitted and check rifle is "clear";
2. Place rifle in a secure stand, cover scope lenses with caps or similar;
3. Place a protective cloth over stock, and a bag or box under the muzzle to catch dirty patches;
4. Insert bore-guide with the solvent port facing up, and lock into position;
5. (If barrel is not badly fouled this step can be omitted). Use a correctly sized bronze brush and push through bore once from breech end (remove brush from muzzle end before withdrawing rod), you may precede this step by pushing through a patch soaked with 1-step fluid from the breech end to soften fouling (using a patch holder fitted to the rod);
6. Wipe rod, fit a correctly sized nylon brush onto the cleaning rod and insert into the bore-guide up to the solvent port. Using a pipette or dropper bottle, squirt a ml or two of Copper solvent IV onto the brush;
7. Agitate the brush back and forth in the bore for several long strokes. Leave for a minute wipe rod and repeat agitation (a few more drops of solvent may be added via the solvent port);
8. Wipe rod, fit a correctly sized jag, and push patches repeatedly through bore from breech end, until patches are emerging clean. Wipe crown clean with a fresh patch;
9. Repeat steps 6-7, using short back and forth movements, working up and down the bore;
10. Repeat step 8;
11. Remove bore-guide, and using dental roll adaptor rod and "dental roll", clean the bolt lug recesses with a gently rotating motion. If badly soiled, two or more "dental rolls" may be required. Using a back and forth motion, clean the bolt guide rails;
12. Using a chamber brush holder, fit an appropriately sized bronze brush and wrap with a clean patch (a larger patch is normally preferable). Using a gentle back and forth twisting motion, clean the chamber;

The rifle bore, chamber and bolt lug recesses are now perfectly clean. The next steps will offer some additional corrosion resistance, and with repeated use will ease future fouling removal:

13. With bore-guide fitted, using a patch holder, push a patch wetted with 1-step cleaner & lubricant down the bore from the breech end;
14. Fit a correctly sized jag, and push patches repeatedly through bore from breech end, until patches are emerging clean. Wipe crown clean with a fresh patch;
15. Remove the bore-guide and repeat step 12;

#### Cleaning the Bolt

16. Using a nylon brush, clean debris and fouling from the bolt face and recesses along its length;
17. Lubricate the back face (nearest the bolt handle) of the bolt lugs and cocking cam, with a small amount of pro-gold grease;
18. Lubricate the body of the bolt with a few drops of zero-friction lubricant, wiped evenly across the surfaces with a clean patch. The surface should not be visibly "wet";

#### Rifle Exterior

19. Using a "silicon" cloth, wipe all exterior metal surfaces, polishing off with a clean cotton flannel cloth. DO NOT TOUCH SCOPE LENSES;
20. Wipe all "oiled" wooden surfaces with a clean cotton flannel cloth. For varnished woodwork, wipe surfaces with a silicone cloth and polish with a clean cotton flannel cloth. DO NOT TOUCH SCOPE LENSES