

## Rifle Cleaning Procedure

### General Guidelines

Use patch holder with tip on the end to anchor the cleaning patch on the jag.

1 pass of the nylon brush is from chamber to muzzle and back.

Use a 1 piece, **NYLON** coated rod to keep from scratching the surface of the bore.

For cleaning the chamber, use a pistol cleaning rod with a .45 caliber bore brush with patch wrapped around it.

### Equipment List

Nylon coated cleaning rod for your caliber  
jag mating attachment for your caliber  
(usually comes with cleaning rod).  
Nylon cleaning brush for your caliber  
cleaning jag for your caliber  
bolt disassembly tool  
Sinclair lug recess cleaning kit  
clean cotton patches for your caliber  
Shooters' Choice Copper Solvent  
Sweet's 7.62 Solvent (ammonia based)  
Slip2000 Copper Cutter  
Gun oil  
Gun Grease (Red, Different From Oil)  
Slip2000 Gun Lubricant  
medical dispenser bottle for your copper solvent  
Extra cotton swabs for the recess cleaning kit  
pistol cleaning rod  
45 caliber cleaning brush  
bore guide – may be special order from manufacturer

isopropyl alcohol (90%)  
cotton balls  
lens cleaning fluid  
lens cleaning cloth

## Rifle Cleaning Steps

### **MAKE SURE THAT THE SCOPE COVERS ARE CLOSED!**

Clean all the dirt off of the outside of the rifle and scope with a clean rag. Make sure that you get all dirt out of cracks and crevices.

Remove the bolt from the rifle.

Insert the bore guide through the chamber into the bore of the rifle.

Cover the stock of the rifle with a cloth up to the bore guide. This prevents solvent from spilling onto the stock.

Pass 1: Nylon brush, Shooter's Choice Copper Solvent  
(Back and forth at least 10 passes)

Pass 2: Clean, dry cotton patch  
(Repeat with new patch until clean patch emerges)

Pass 3: Cotton patch, Sweet's 7.62 Solvent, front and back

Pass 4: Clean, dry cotton patch  
(Repeat with new Patch until clean patch emerges)

Pass 5: Cotton patch, Slip2000 Copper Cutter

Pass 6: Clean, dry cotton patch  
(Repeat with new Patch until clean patch emerges)

Pass 7: Cotton patch, Shooter's Choice Copper Solvent

Pass 8: Clean, dry cotton patch  
(Repeat with new Patch until clean patch emerges)

Remove the bore guide from the chamber of the rifle.

Use the Sinclair Lug Recess Tool for cleaning the lug locking area inside the chamber.

Wrap a clean cotton patch around the .45 caliber cleaning brush. Use this brush/patch to clean the chamber of the rifle up to where the bore actually starts.

Repeat the chamber cleaning a second time with a fresh, clean, cotton patch.

Make sure that you clean ALL of the carbon residue from around the inside

of the chamber. This buildup will eventually be a problem for your rifle.

Disassemble the bolt using bolt disassembly tool.

Use a clean cotton patch with Slip 2000 Copper Cutter to remove all grease, oil, and dirt from the firing pin spring and the firing pin.

Use another clean cotton patch with Slip 2000 Copper Cutter to remove all grease, oil, and dirt from the bolt.

Using a clean cotton patch, place a light coat of gun oil on the firing pin spring of the disassembled bolt.

(Keep oil off the firing pin)

Reassemble the bolt.

Coat a clean, cotton patch with Slip2000 Gun Lubricant.  
Wipe this all over the bolt except for the bolt face.

Place a small amount of red gun grease on the back and sides of the lugs on the bolt. Do NOT put gun grease on the side of the lugs that face the open face of the bolt.

Reinsert the bolt into the rifle.

Cycle the bolt a few times to make sure that the gun grease is spread around the inside locking lugs recesses, and to make sure that the bolt movement is free and clear.

You may have to put extra Slip2000 Gun Lubricant on the bolt.  
You don't want the bolt too wet or too dry.

### Scope Cleaning Steps

Pour a small amount of isopropyl alcohol (90%) on a cotton patch.  
(Always pour on the cotton, never directly onto the lens)

Starting in the center of the objective lens at the front of the scope, make widening circles with the cotton with light pressure to clear dirt off of the lens.

Pour a small amount of lens cleaning fluid on lens paper.

Starting in the center of the objective lens at the front of the scope, make widening circles with the lens paper with light pressure to clear completely clean the lens.

Pour a small amount of isopropyl alcohol (90%) on a cotton patch.  
(Always pour on the cotton, never directly onto the lens)

Starting in the center of the lens at the rear of the scope,  
make widening circles with the cotton with light pressure to clear  
dirt off of the lens.

Pour a small amount of lens cleaning fluid on lens paper.

Starting in the center of the lens at the rear of the scope,  
make widening circles with the lens paper with light pressure to clear  
completely clean the lens.