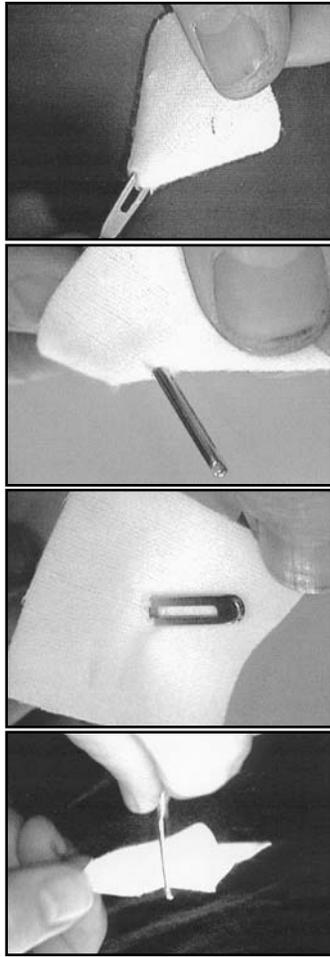


- (1) Barrel Pullthrough. Assemble the slotted tip on one end and the knurled obstruction remover on the other end to create a "flexible cleaning rod". Allows proper "breach to muzzle" cleaning and quick bore cleaning with out field stripping. Attached to the end of either the chamber cleaning rod (8) or barrel pullthrough (1) to hold a cleaning swab.
- (2) Swab Holder.
- (3) Obstruction Remover. Attached to the end of the barrel pullthrough (1) to remove stuck castings.
- (4) Cotton Flannel Swab. Double napped for used maximum absorbency.
- (5) Pullthrough Handle. This "T" handle is used with the chamber cleaning rod (8) and barrel pullthrough (1).
- (6) Bore Cleaning Brush. Attached to one end of the barrel pullthrough (1) to clean the bore.
- (7) Chamber Cleaning Brush. Attached to the chamber cleaning rod (8) to clean the chamber, shoulder, neck, and locking lugs.
- (8) Chamber Cleaning Rod. Used with the "T" handle (5) and chamber cleaning brush (7).
- (9) Pipe Cleaners. Used to clean the gas tube and bolt carrier key.
- (10) Cleaning Brush. Used for general cleaning of the receiver.
- (11) Oil Bottle w/CLP. Cleaner Lubricant Preservative (CLP) is used as a cleaner and general-purpose lubricant.
- (12) Cleaning Kit Pouch. Used to hold all cleaning kit components.



**Method 1** Insert the point of the swab into the slotted tip. Center the swab.

**Method 2** Punch a hole in the center of the swab. This insures that the swab will be tied onto the forged brass tip to prevent it from accidentally lodging in the bore.

Place the brass tip into the slot on the swab. Take a pinch on the swab at the corner. Pinch it upward to a point.

Feed the tip of the fold through the slot in the brass tip.

Pull the tip tightly, as this ties the knot that will give the efficient scrubbing action.

Notice that if tied correctly the swab now forms a symmetrical cone. This will center the tip and provide 360 degree scrubbing action.

Always use a new clean surface each time you pull the swab down the bore. This is equivalent to rinsing out a mop. It prevents abrasive dirt in the muzzle from getting tracked into the chamber area.

The size of the swab can be varied by placing the slot in a different location on the swab.

**C7 Cleaning Procedure**

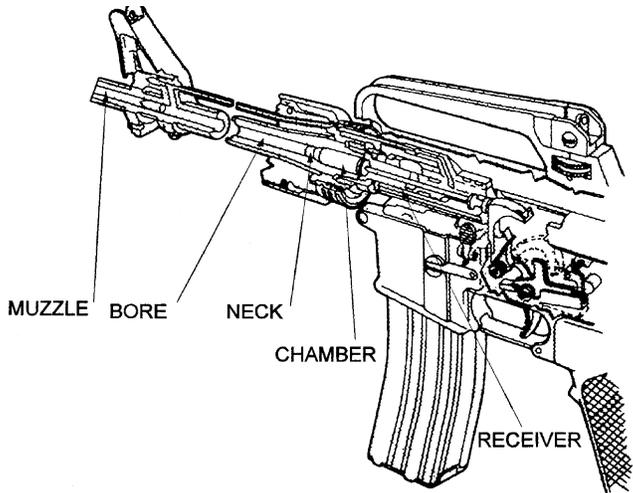
**Swab Attachment**

**The Locking Lugs** are the most important area to clean on the weapon. Loose powder residue builds up in the recess in front of the lugs. This buildup may bind the bolt and prevent it from cycling smoothly. The loose residue in this area will eventually pack if not removed. One cause of buildup in the locking lugs is incorrect cleaning. If you pull or push a brush back toward the chamber dirt from the bore and chamber can be deposited in the recess.

**The Chamber** must be keep clean to allow easy extraction of the empty shell. If scratches are present the case fire forms into these recesses and prevents the case from ejecting. It is normal to get a gummy residue buildup at the chamber shoulder. This is loosened with the chamber brush. The rotating swab will mop the loose residue out. Pay special attention to this area after firing blank rounds.

**The Neck** and shoulder of the neck are cleaned by rotating the bore brush and swab before the bore is cleaned. Keep this area clean.

**The Bore** should only be cleaned in the direction of the bullet. If you take abrasive dirt from the muzzle and introduce it into the chamber and neck, the bullet will drag it down the bore. This dirt can cause bore and throat erosion. The crown of the muzzle gives a bullet its final direction. Take care not to nick or scratch this area.

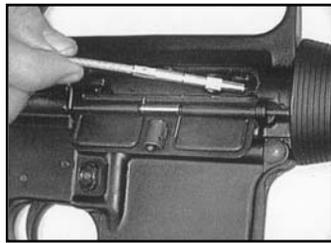


**CLEANING INSTRUCTIONS FOR C7 FAMILY OF COMBAT WEAPONS**

5.56mm NATO Calibre



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**CHECK TO MAKE SURE  
THE WEAPON IS UNLOADED  
AND THE MAGAZINE IS EMPTY.**

**The most important rule of gun cleaning is to always clean from "breech to muzzle" in the direction of bullet travel.**

There are no exceptions to this rule. Going in the wrong direction, muzzle to breech, will deposit powder residue and abrasive dirt from the barrel into the chamber and neck. The next bullet will drag this dirt, down the barrel, and erode the bore.

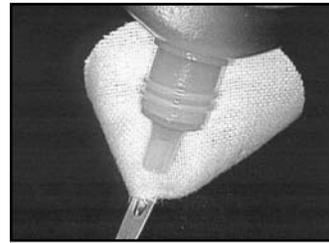
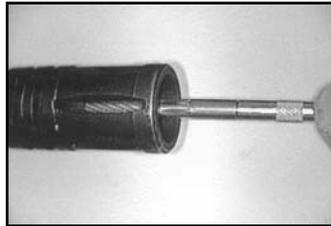
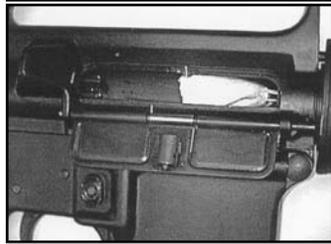
**OVERVIEW**

- 1. Pull a swab with CLP through the bore to mop out any loose residue and dirt.**
- 2. Pull a brush. Turn it to clean the neck and shoulder of the neck chamber.**
- 3. Pull a new swab to mop the residue the brush loosened.**
- 4. Repeat this procedure until the swab comes out clean.**

Open the action as if you were inserting a cartridge. Run the flexible cleaning rod down the bore in the direction of the bullet travel.

After using the general purpose brush to loosen dirt in the upper receiver, wrap a swab around the end of the brush to clean and lubricate the interior.

The swab is tied onto the forged brass tip so the rod can be worked within the receiver until it is clean.



Apply 3 to 5 drops of CLP to the front end of the knot in the swab.

Do not dip the swab or brush into CLP. This will allow excess CLP with residue to wash into the trigger group.

The CLP will be squeezed out of the swab when it enters the shoulder of the chamber. The CLP will flush ahead of the swab knot and lubricate any abrasive dirt in the bore.

The uncompressed part of the swab will follow and extract the CLP with the residue.

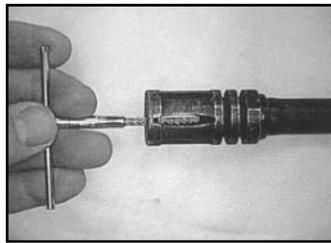
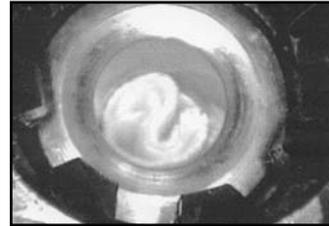
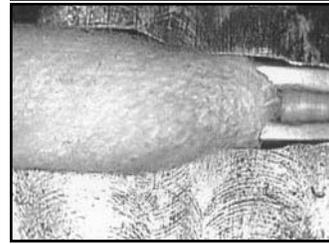
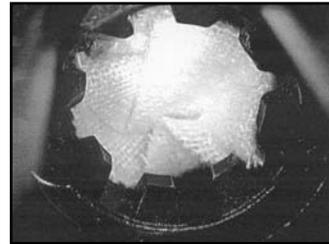
Turn the rod as you enter the locking lugs. This is the most important area of the weapon. Use the receiver brush or your finger to force the turning swab into the recess in front of the lugs.

Continue turning the swab as it enters the chamber. This will clean out the gummy buildup at the shoulder. Pay special attention to this area after firing blank rounds.

Continue to turn the swab as it enters the neck to clean and lubricate this area.

A brush only loosens residue and dirt. The swab is needed in this area to mop this loose dirt from the bore.

Now that the loose residue has been cleaned out of the receiver, locking lugs, chamber, shoulder, and neck: clean the bore.



Do not worry about swivels, the rod rotates within itself. Use the "T" handle if required.

Turn the swab over and use a new surface for the next cleaning cycle.

Pull the flexible cleaning rod out of the barrel in the direction of the bullet travel "breech to muzzle".

**Using Chamber and Bore Brushes**

Assemble the short, chamber cleaning rod with the chamber brush on one end and the "T" handle on the other end. Insert the brush into the chamber. Turn the brush in a clockwise direction; let it feed itself into the chamber.

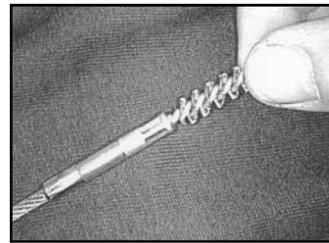
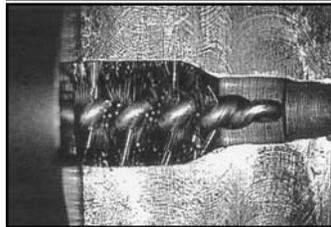
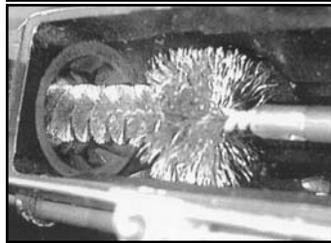
This will loosen the powder residue and surface scale in the chamber and locking lugs. Continue turning the brush as it scrubs the shoulder. Turn and pull the brush from the chamber.

Assemble the bore brush on the flexible cleaning rod. Insert the rod into and down the bore.

Do not pull the brush into the bore at first. Turn the rod as the brush enters the chamber and into the neck. Scrub the shoulder of the neck.

After scrubbing the neck, pull the brush in the direction of the bullet "breech to muzzle".

Now run the swab as described earlier. This will mop out the chamber area and bore where the brush loosened residue.



The most important feature of the cleaning system is the flexible cleaning rod. The cable construction limits torque on components. This allows brushes and swabs to follow the twist of the rifling.

All brushes and tips can be loosened easily with your fingers.

The neck is critical to the accuracy of the weapon. When the new round is inserted the brass case is a few thousandths of an inch from the throat or start of the bore. The new bullet rests at the start of the throat. The bore brush is made oversize to scrub this critical area.

**Obstructions**

If the chamber is not maintained properly fired cases may get stuck in the chamber. The extractor pulls loose from the rim.

To remove a stuck case, run the flexible cleaning rod into the bore and tap rapidly on the base of the case. Eventually the stuck case will be removed.

Clean the rifle and pay special attention to the gummy buildup at the chamber shoulder.

The obstruction remover may also be used to remove snow, mud, or other obstruction from the bore in operational conditions.

Push the rod down the bore in the direction of the muzzle. Run a swab with CLP to mop out any remaining mud or snow.

